

**Supplementary Table 6: Genome-scale proteomics data obtained from log phase, heat-shocked, stationary phase growth conditions (this study), and publicly available source.** Abbreviations: PLOG, peptide ID for log phase; PHEAT, peptide ID for heat-shocked condition; PSTAT, peptide ID for stationary phase; PPUB, peptide ID for publicly available source; FOC, filtered observation count; Length, peptide length.

Peptide ID	Source	Start	End	Strand	Frame	FOC	Peptide Sequence	Length
PLOG+1	proteomics_log	337	384	+	1	3	T.M*RVLKFGGTSVANAER.F	21
PLOG+2	proteomics_log	337	393	+	1	17	T.MRVLKFGGTSVANAERFLR.V	23
PLOG+3	proteomics_log	337	384	+	1	32	T.MRVLKFGGTSVANAER.F	20
PLOG+4	proteomics_log	343	384	+	1	3	R.VLKFGGTSVANAER.F	18
PLOG+5	proteomics_log	352	384	+	1	102	K.FGGTSVANAER.F	15
PLOG+6	proteomics_log	385	423	+	1	35	R.FLRVADILESNAER.Q	17
PLOG+7	proteomics_log	391	423	+	1	7	L.RVADILESNAER.Q	15
PLOG+8	proteomics_log	394	423	+	1	138	R.VADILESNAER.Q	14
PLOG+9	proteomics_log	424	495	+	1	11	R.QGQVATVLSAPAKITNHLVAMIEK.T	28
PLOG+10	proteomics_log	424	462	+	1	11	R.QGQVATVLSAPAK.I	17
PLOG+11	proteomics_log	463	495	+	1	18	K.ITNHLVAMIEK.T	15
PLOG+12	proteomics_log	496	543	+	1	2	K.TISGQDALPNISDAER.I	20
PLOG+13	proteomics_log	496	609	+	1	67	K.TISGQDALPNISDAERIFAELLTGLAAAQPGFPLAQLK.T	42
PLOG+14	proteomics_log	544	609	+	1	25	R.IFAELLTGLAAAQPGFPLAQLK.T	26
PLOG+15	proteomics_log	610	642	+	1	9	K.TFVDQEFQIK.H	15
PLOG+16	proteomics_log	721	759	+	1	8	K.MSIAIMAGVLEAR.G	17
PLOG+17	proteomics_log	760	855	+	1	33	R.GHNVTVIDPVEKLLAVGHYLESTVDIAESTRR.I	36
PLOG+18	proteomics_log	760	795	+	1	37	R.GHNVTVIDPVEK.L	16
PLOG+19	proteomics_log	760	852	+	1	128	R.GHNVTVIDPVEKLLAVGHYLESTVDIAESTR.R	35
PLOG+20	proteomics_log	796	852	+	1	10	K.LLAVGHYLESTVDIAESTR.R	23
PLOG+21	proteomics_log	796	855	+	1	22	K.LLAVGHYLESTVDIAESTRR.I	24
PLOG+22	proteomics_log	856	948	+	1	25	R.IAASRIPADHMVLMAGFTAGNEKGELVVLGR.N	35
PLOG+23	proteomics_log	871	948	+	1	21	R.IPADHMVLMAGFTAGNEKGELVVLGR.N	30
PLOG+24	proteomics_log	1069	1140	+	1	2	R.LLKSMSYQEAMELSYFGAKVLHPR.T	28
PLOG+25	proteomics_log	1078	1125	+	1	37	K.SMSYQEAMELSYFGAK.V	20
PLOG+26	proteomics_log	1186	1233	+	1	7	K.NTGPNQAPGTLIGASR.D	20
PLOG+27	proteomics_log	1453	1521	+	1	51	R.AMQEEFYLELKEGLLEPLAVTER.L	27
PLOG+28	proteomics_log	1486	1521	+	1	2	K.EGLLEPLAVTER.L	16
PLOG+29	proteomics_log	1522	1557	+	1	43	R.LAIISVVGDGMR.T	16
PLOG+30	proteomics_log	1603	1647	+	1	2	R.ANINIVAIAQGSSER.S	19
PLOG+31	proteomics_log	1648	1695	+	1	10	R.SISVVVNNDATTGVR.V	20
PLOG+32	proteomics_log	1696	1794	+	1	49	R.VTHQMLFNTDQVIEVFVIGVGGVGGALLEQLKR.Q	37
PLOG+33	proteomics_log	1858	1923	+	1	5	K.ALLTNVHGLNLENWQEELAQAQ.E	26
PLOG+34	proteomics_log	1858	1944	+	1	39	K.ALLTNVHGLNLENWQEELAQAQEPNLGR.L	33
PLOG+35	proteomics_log	2077	2115	+	1	5	K.ANTSSMDYYHQLR.Y	17
PLOG+36	proteomics_log	2137	2229	+	1	6	R.RKFLYDTNVGAGLPVIENLQNLLNAGDELM*K.F	36
PLOG+37	proteomics_log	2137	2229	+	1	66	R.RKFLYDTNVGAGLPVIENLQNLLNAGDELMK.F	35
PLOG+38	proteomics_log	2140	2229	+	1	2	R.KFLYDTNVGAGLPVIENLQNLLNAGDELM*K.F	35
PLOG+39	proteomics_log	2140	2229	+	1	30	R.KFLYDTNVGAGLPVIENLQNLLNAGDELMK.F	34
PLOG+40	proteomics_log	2143	2229	+	1	2	K.FLYDTNVGAGLPVIENLQNLLNAGDELM*K.F	34
PLOG+41	proteomics_log	2143	2229	+	1	42	K.FLYDTNVGAGLPVIENLQNLLNAGDELMK.F	33
PLOG+42	proteomics_log	2230	2274	+	1	7	K.FSGILSGSLSYIFGK.L	19

PLOG+43	proteomics_log	2230	2319	+	1	34	K.FSGILSGSLSYIFGKLDEGMSFSEATTLAR.E	34
PLOG+44	proteomics_log	2350	2379	+	1	6	R.DDLSGM*DVAR.K	15
PLOG+45	proteomics_log	2350	2379	+	1	10	R.DDLSGMDVAR.K	14
PLOG+46	proteomics_log	2401	2532	+	1	3	R.ETGRELELADIEIEPVLPAEFNAEGDVAAFM*ANLSQLDDLFAAR.V	49
PLOG+47	proteomics_log	2401	2532	+	1	203	R.ETGRELELADIEIEPVLPAEFNAEGDVAAFMANLSQLDDLFAAR.V	48
PLOG+48	proteomics_log	2413	2532	+	1	76	R.ELELADIEIEPVLPAEFNAEGDVAAFMANLSQLDDLFAAR.V	44
PLOG+49	proteomics_log	2443	2532	+	1	187	E.PVLPAEFNAEGDVAAFMANLSQLDDLFAAR.V	34
PLOG+50	proteomics_log	2452	2532	+	1	5	L.PAEFNAEGDVAAFM*ANLSQLDDLFAAR.V	32
PLOG+51	proteomics_log	2533	2568	+	1	97	R.VAKARDEGKVL.R.Y	16
PLOG+52	proteomics_log	2542	2568	+	1	16	K.ARDEGKVL.R.Y	13
PLOG+53	proteomics_log	2569	2604	+	1	8	R.YVGNIDEDGVCR.V	16
PLOG+54	proteomics_log	2605	2646	+	1	3	R.VKIAEVDGNDPLFK.V	18
PLOG+55	proteomics_log	2605	2715	+	1	3	R.VKIAEVDGNDPLFKVKNGENALAFYSHYYQPLPLVLR.G	41
PLOG+56	proteomics_log	2605	2652	+	1	42	R.VKIAEVDGNDPLFKVK.N	20
PLOG+57	proteomics_log	2611	2715	+	1	3	K.IAEVDGNDPLFKVKNGENALAFYSHYYQPLPLVLR.G	39
PLOG+58	proteomics_log	2611	2652	+	1	11	K.IAEVDGNDPLFKVK.N	18
PLOG+59	proteomics_log	2611	2646	+	1	27	K.IAEVDGNDPLFK.V	16
PLOG+60	proteomics_log	2647	2715	+	1	63	K.VKNGENALAFYSHYYQPLPLVLR.G	27
PLOG+61	proteomics_log	2653	2772	+	1	2	K.NGENALAFYSHYYQPLPLVLRGYGAGNDVTAAGVFADLLR.T	44
PLOG+62	proteomics_log	2653	2715	+	1	151	K.NGENALAFYSHYYQPLPLVLR.G	25
PLOG+63	proteomics_log	2674	2715	+	1	22	A.FYSHYYQPLPLVLR.G	18
PLOG+64	proteomics_log	2716	2796	+	1	6	R.GYGAGNDVTAAGVFADLLRRLTSWKLGV.-	31
PLOG+65	proteomics_log	2716	2772	+	1	272	R.GYGAGNDVTAAGVFADLLR.T	23
PLOG+66	proteomics_log	3014	3064	+	2	3	R.FCQELGKQIPVAMTLEK.N	21
PLOG+67	proteomics_log	3167	3199	+	2	134	R.LLALMGELEGR.I	15
PLOG+68	proteomics_log	3389	3415	+	2	5	R.RQDCIAHGR.H	13
PLOG+69	proteomics_log	3473	3511	+	2	58	K.LMKDVIAEPYRER.L	17
PLOG+70	proteomics_log	3539	3634	+	2	9	R.QAVAIEIGAVASGISGSGPTLFALCDKPETAQR.V	36
PLOG+71	proteomics_log	3635	3697	+	2	4	R.VADWLKKNYLQNLQEGFVHICR.L	25
PLOG+72	proteomics_log	3698	3730	+	2	2	R.LDTAGARVLEN.-	15
PLOG+73	proteomics_log	3734	3808	+	2	7	-.M*KLYNLKDHNEQVSFAQAVTQGLGK.N	30
PLOG+74	proteomics_log	3734	3808	+	2	44	-.MKLYNLKDHNEQVSFAQAVTQGLGK.N	29
PLOG+75	proteomics_log	3740	3808	+	2	3	K.LYNLKDHNEQVSFAQAVTQGLGK.N	27
PLOG+76	proteomics_log	3755	3808	+	2	3	K.DHNEQVSFAQAVTQGLGK.N	22
PLOG+77	proteomics_log	3809	3877	+	2	37	K.NQGLFFPHDLPEFSLTEIDEMLK.L	27
PLOG+78	proteomics_log	3809	3895	+	2	70	K.NQGLFFPHDLPEFSLTEIDEMLKLDVTR.S	33
PLOG+79	proteomics_log	3896	3958	+	2	13	R.SAKILSAFIGDEIPQEILEER.V	25
PLOG+80	proteomics_log	3896	3964	+	2	73	R.SAKILSAFIGDEIPQEILEERVR.A	27
PLOG+81	proteomics_log	3905	3964	+	2	36	K.ILSAFIGDEIPQEILEERVR.A	24
PLOG+82	proteomics_log	3905	3958	+	2	273	K.ILSAFIGDEIPQEILEER.V	22
PLOG+83	proteomics_log	4070	4189	+	2	17	R.FMAQMLTHIAGDKPVTILTATSGDGTAAVAHAFYGLPNVK.V	44
PLOG+84	proteomics_log	4211	4237	+	2	5	R.GKISPLQEK.L	13
PLOG+85	proteomics_log	4448	4513	+	2	307	R.NQLVSVSPGNFGDLTAGLLAK.S	26
PLOG+86	proteomics_log	4538	4576	+	2	258	R.FIAATNVNDTVPR.F	17
PLOG+87	proteomics_log	4541	4576	+	2	4	F.IAATNVNDTVPR.F	16
PLOG+88	proteomics_log	4577	4606	+	2	98	R.FLHDGQWSPK.A	14

PLOG+89	proteomics_log	4607	4666	+	2	3	K.ATQATLSNAMDVSQPNNWPR.V	24
PLOG+90	proteomics_log	4607	4666	+	2	3	K.ATQATLSNAM*DVSQPNNWPR.V	25
PLOG+91	proteomics_log	4607	4687	+	2	6	K.ATQATLSNAMDVSQPNNWPRVEELFRR.K	31
PLOG+92	proteomics_log	4607	4684	+	2	66	K.ATQATLSNAMDVSQPNNWPRVEELFR.R	30
PLOG+93	proteomics_log	4685	4756	+	2	3	R.RKIWQLKELGYAAVDETTQQTMR.E	28
PLOG+94	proteomics_log	4688	4765	+	2	2	R.KIWQLKELGYAAVDETTQQTMRRELK.E	30
PLOG+95	proteomics_log	4688	4810	+	2	3	R.KIWQLKELGYAAVDETTQQTMR*RELKELGYTSEPHAAVAYR.A	46
PLOG+96	proteomics_log	4688	4756	+	2	26	R.KIWQLKELGYAAVDETTQQTMR.E	27
PLOG+97	proteomics_log	4706	4756	+	2	7	K.ELGYAAVDETTQQTMR.E	21
PLOG+98	proteomics_log	4706	4756	+	2	7	K.ELGYAAVDETTQQTMR*E	22
PLOG+99	proteomics_log	4715	4756	+	2	3	G.YAAVDETTQQTMR*E	19
PLOG+100	proteomics_log	4718	4756	+	2	3	Y.AAVDETTQQTMR*E	18
PLOG+101	proteomics_log	4721	4756	+	2	2	A.AVDETTQQTMR.E	16
PLOG+102	proteomics_log	4721	4756	+	2	2	A.AVDETTQQTMR*E	17
PLOG+103	proteomics_log	4724	4756	+	2	3	A.VDETTQQTMR*E	16
PLOG+104	proteomics_log	4724	4756	+	2	8	A.VDETTQQTMR.E	15
PLOG+105	proteomics_log	4757	4810	+	2	31	R.ELKELGYTSEPHAAVAYR.A	22
PLOG+106	proteomics_log	4766	4810	+	2	14	K.ELGYTSEPHAAVAYR.A	19
PLOG+107	proteomics_log	4811	4942	+	2	18	R.ALRDQLNPGEYGLFLGTAHPAKFKESVEAILGETLDPKELAER.A	48
PLOG+108	proteomics_log	4811	4876	+	2	182	R.ALRDQLNPGEYGLFLGTAHPAK.F	26
PLOG+109	proteomics_log	4877	4999	+	2	8	K.FKESVEAILGETLDPKELAERADLPLLSHNLPAADFAALRK.L	45
PLOG+110	proteomics_log	4877	4927	+	2	11	K.FKESVEAILGETLDPK.E	21
PLOG+111	proteomics_log	4877	4996	+	2	15	K.FKESVEAILGETLDPKELAERADLPLLSHNLPAADFAALRK.K	44
PLOG+112	proteomics_log	4877	4942	+	2	228	K.FKESVEAILGETLDPKELAER.A	26
PLOG+113	proteomics_log	4883	4942	+	2	6	K.ESVEAILGETLDPKELAER.A	24
PLOG+114	proteomics_log	4943	5017	+	2	7	R.ADLPLLSHNLPAADFAALRKLMMNHQ.-	29
PLOG+115	proteomics_log	4943	4999	+	2	88	R.ADLPLLSHNLPAADFAALRK.L	23
PLOG+116	proteomics_log	4943	4996	+	2	221	R.ADLPLLSHNLPAADFAALR.K	22
PLOG+117	proteomics_log	4997	5017	+	2	19	R.KLMMNHQ.-	11
PLOG+118	proteomics_log	8241	8312	+	3	8	M.TDKLTSLRQYTTVVADTGDIAAM*K.L	29
PLOG+119	proteomics_log	8241	8264	+	3	14	M.TDKLTSLR.Q	12
PLOG+120	proteomics_log	8241	8312	+	3	159	M.TDKLTSLRQYTTVVADTGDIAAMK.L	28
PLOG+121	proteomics_log	8265	8312	+	3	4	R.QYTTVVADTGDIAAM*K.L	21
PLOG+122	proteomics_log	8265	8312	+	3	136	R.QYTTVVADTGDIAAMK.L	20
PLOG+123	proteomics_log	8313	8417	+	3	6	K.LYQPQDATTNPSLILNAAQIPEYRKLIDDAVAVAK.Q	39
PLOG+124	proteomics_log	8313	8387	+	3	20	K.LYQPQDATTNPSLILNAAQIPEYR.K.L	29
PLOG+125	proteomics_log	8313	8384	+	3	165	K.LYQPQDATTNPSLILNAAQIPEYR.K	28
PLOG+126	proteomics_log	8385	8435	+	3	3	R.KLIDDAVAVAKQQSNDR.A	21
PLOG+127	proteomics_log	8385	8480	+	3	10	R.KLIDDAVAVAKQQSNDRAQQIVDATDKLAVNI.G	36
PLOG+128	proteomics_log	8385	8498	+	3	11	R.KLIDDAVAVAKQQSNDRAQQIVDATDKLAVNIGLEILK.L	42
PLOG+129	proteomics_log	8385	8417	+	3	249	R.KLIDDAVAVAK.Q	15
PLOG+130	proteomics_log	8388	8417	+	3	104	K.LIDDAVAVAK.Q	14
PLOG+131	proteomics_log	8418	8513	+	3	161	K.QQSNDRAQQIVDATDKLAVNIGLEILKLVGR.I	36
PLOG+132	proteomics_log	8418	8498	+	3	204	K.QQSNDRAQQIVDATDKLAVNIGLEILK.L	31
PLOG+133	proteomics_log	8436	8537	+	3	11	R.AQQIVDATDKLAVNIGLEILKLVGRISTEVDAR.L	38
PLOG+134	proteomics_log	8436	8498	+	3	151	R.AQQIVDATDKLAVNIGLEILK.L	25

PLOG+135	proteomics_log	8436	8513	+	3	246	R.AQQIVDATDKLAVNIGLEILKLVPR.I	30
PLOG+136	proteomics_log	8448	8513	+	3	126	I.VDATDKLAVNIGLEILKLVPR.I	26
PLOG+137	proteomics_log	8499	8537	+	3	24	K.LVPGRISTEVDAR.L	17
PLOG+138	proteomics_log	8514	8537	+	3	45	R.ISTEVDAR.L	12
PLOG+139	proteomics_log	8538	8579	+	3	32	R.LSYDTEASIAKAKR.L	18
PLOG+140	proteomics_log	8538	8576	+	3	53	R.LSYDTEASIAKAK.R	17
PLOG+141	proteomics_log	8538	8570	+	3	99	R.LSYDTEASIAK.A	15
PLOG+142	proteomics_log	8577	8621	+	3	9	K.RLIKLYNDAGISNDR.I	19
PLOG+143	proteomics_log	8577	8633	+	3	18	K.RLIKLYNDAGISNDRILIK.L	23
PLOG+144	proteomics_log	8580	8660	+	3	4	R.LIKLYNDAGISNDRILIKLASTWQGIR.A	31
PLOG+145	proteomics_log	8580	8621	+	3	21	R.LIKLYNDAGISNDR.I	18
PLOG+146	proteomics_log	8580	8633	+	3	52	R.LIKLYNDAGISNDRILIK.L	22
PLOG+147	proteomics_log	8589	8633	+	3	3	K.LYNDAGISNDRILIK.L	19
PLOG+148	proteomics_log	8589	8621	+	3	57	K.LYNDAGISNDR.I	15
PLOG+149	proteomics_log	8634	8660	+	3	63	K.LASTWQGIR.A	13
PLOG+150	proteomics_log	8661	8681	+	3	5	R.AAEQLEK.E	11
PLOG+151	proteomics_log	8733	8780	+	3	2	R.ACAEAGVFLISPFVGR.I	20
PLOG+152	proteomics_log	8733	8780	+	3	2	R.ACAEAGVFLISPFVGR.I	20
PLOG+153	proteomics_log	8817	8921	+	3	7	K.EYAPAEDPGVSVSEIYQYYKEHGYESVVMGASFR.N	39
PLOG+154	proteomics_log	8880	8921	+	3	2	K.EHGYESVVMGASFR.N	18
PLOG+155	proteomics_log	8922	9020	+	3	7	R.NIGEILELAGCDRLTIAPALLKELAESEGAIER.K	37
PLOG+156	proteomics_log	8961	9023	+	3	18	R.LTIAPALLKELAESEGAIERK.L	25
PLOG+157	proteomics_log	8961	9020	+	3	219	R.LTIAPALLKELAESEGAIER.K	24
PLOG+158	proteomics_log	8988	9023	+	3	6	K.ELAESEGAIERK.L	16
PLOG+159	proteomics_log	8988	9020	+	3	100	K.ELAESEGAIER.K	15
PLOG+160	proteomics_log	9021	9047	+	3	99	R.KLSYTGVEK.A	13
PLOG+161	proteomics_log	9024	9047	+	3	2	K.LSYTGVEK.A	12
PLOG+162	proteomics_log	9024	9062	+	3	2	K.LSYTGVEKARPAR.I	17
PLOG+163	proteomics_log	9048	9137	+	3	3	K.ARPARITSEFLWQHNQDPM*AVDKLAEGIR.K	35
PLOG+164	proteomics_log	9063	9119	+	3	3	R.ITESEFLWQHNQDPM*AVDK.L	23
PLOG+165	proteomics_log	9063	9119	+	3	3	R.ITESEFLWQHNQDPM*AVDK.L	24
PLOG+166	proteomics_log	9063	9140	+	3	3	R.ITESEFLWQHNQDPM*AVDKLAEGIRK.F	31
PLOG+167	proteomics_log	9063	9137	+	3	9	R.ITESEFLWQHNQDPM*AVDKLAEGIR.K	30
PLOG+168	proteomics_log	9063	9137	+	3	58	R.ITESEFLWQHNQDPM*AVDKLAEGIR.K	29
PLOG+169	proteomics_log	9063	9140	+	3	235	R.ITESEFLWQHNQDPM*AVDKLAEGIRK.F	30
PLOG+170	proteomics_log	9120	9170	+	3	2	K.LAEGIRKFAIDQEKLEK.M	21
PLOG+171	proteomics_log	9138	9188	+	3	5	R.KFAIDQEKLEKIGDLL.-	21
PLOG+172	proteomics_log	9138	9170	+	3	138	R.KFAIDQEKLEK.M	15
PLOG+173	proteomics_log	9141	9188	+	3	3	K.FAIDQEKLEK*IGDLL.-	21
PLOG+174	proteomics_log	9141	9188	+	3	45	K.FAIDQEKLEKIGDLL.-	20
PLOG+175	proteomics_log	9141	9170	+	3	228	K.FAIDQEKLEK.M	14
PLOG+176	proteomics_log	9321	9440	+	3	2	R.IGLVSISDRASSGVYQDKGIPALEEWLTSALTPFELETR.L	44
PLOG+177	proteomics_log	9321	9347	+	3	32	R.IGLVSDR.A	13
PLOG+178	proteomics_log	9348	9440	+	3	15	R.ASSGVYQDKGIPALEEWLTSALTPFELETR.L	35
PLOG+179	proteomics_log	9375	9440	+	3	38	K.GIPALEEWLTSALTPFELETR.L	26
PLOG+180	proteomics_log	9549	9587	+	3	3	R.DVTPDATLAVADR.E	17

PLOG+181	proteomics_log	9618	9659	+	3	6	R.QISLHFVPTAILSR.Q	18
PLOG+182	proteomics_log	9678	9716	+	3	2	R.KQALILNLPQPK.S	17
PLOG+183	proteomics_log	12166	12237	+	1	12	M.GKIIGIDLGTNNSCVAIMDGTTPR.V	28
PLOG+184	proteomics_log	12238	12264	+	1	55	R.VLENAEGDR.T	13
PLOG+185	proteomics_log	12238	12330	+	1	261	R.VLENAEGDRTPSIIAYTQDGETLVGQPAKR.Q	35
PLOG+186	proteomics_log	12307	12375	+	1	20	T.LVGQPAKRQAVTNPQNTLFAIKR.L	27
PLOG+187	proteomics_log	12328	12375	+	1	13	K.RQAVTNPQNTLFAIKR.L	20
PLOG+188	proteomics_log	12331	12363	+	1	2	R.QAVTNPQNTLFA	15
PLOG+189	proteomics_log	12331	12375	+	1	155	R.QAVTNPQNTLFAIKR.L	19
PLOG+190	proteomics_log	12331	12372	+	1	173	R.QAVTNPQNTLFAIKR	18
PLOG+191	proteomics_log	12388	12438	+	1	22	R.RFQDEEVQRDVSI MPFK.I	21
PLOG+192	proteomics_log	12388	12414	+	1	127	R.RFQDEEVQR.D	13
PLOG+193	proteomics_log	12391	12480	+	1	2	R.FQDEEVQRDVSI MPFKIIAADNGDAWVEVK.G	34
PLOG+194	proteomics_log	12391	12489	+	1	5	R.FQDEEVQRDVSI MPFKIIAADNGDAWVEVKGQK.M	37
PLOG+195	proteomics_log	12391	12414	+	1	41	R.FQDEEVQR.D	12
PLOG+196	proteomics_log	12391	12438	+	1	47	R.FQDEEVQRDVSI MPFK.I	20
PLOG+197	proteomics_log	12415	12480	+	1	2	R.DVSI MPFKIIAADNGDAWVEVK.G	26
PLOG+198	proteomics_log	12415	12438	+	1	6	R.DVSI MPFK.I	12
PLOG+199	proteomics_log	12415	12489	+	1	86	R.DVSI MPFKIIAADNGDAWVEVKGQK.M	29
PLOG+200	proteomics_log	12439	12489	+	1	6	K.IIAADNGDAWVEVKGQK.M	21
PLOG+201	proteomics_log	12496	12528	+	1	11	A.PPQISAEVLKK.M	15
PLOG+202	proteomics_log	12529	12615	+	1	85	K.MKKTAEDYLGE PVTEAVITVPAYFNDAQR.Q	33
PLOG+203	proteomics_log	12535	12615	+	1	177	K.KTAEDYLGE PVTEAVITVPAYFNDAQR.Q	31
PLOG+204	proteomics_log	12538	12639	+	1	8	K.TAEDYLGE PVTEAVITVPAYFNDAQRQATKDAGR.I	38
PLOG+205	proteomics_log	12538	12627	+	1	16	K.TAEDYLGE PVTEAVITVPAYFNDAQRQATK.D	34
PLOG+206	proteomics_log	12538	12615	+	1	101	K.TAEDYLGE PVTEAVITVPAYFNDAQR.Q	30
PLOG+207	proteomics_log	12628	12663	+	1	35	K.DAGRIAGLEVKR.I	16
PLOG+208	proteomics_log	12640	12663	+	1	33	R.IAGLEVKR.I	12
PLOG+209	proteomics_log	12661	12711	+	1	8	K.RIINEPTAAALAYGLDK.G	21
PLOG+210	proteomics_log	12661	12726	+	1	221	K.RIINEPTAAALAYGLDKGTG NR.T	26
PLOG+211	proteomics_log	12664	12699	+	1	2	R.IINEPTAAALAY.G	16
PLOG+212	proteomics_log	12664	12711	+	1	57	R.IINEPTAAALAYGLDK.G	20
PLOG+213	proteomics_log	12664	12726	+	1	176	R.IINEPTAAALAYGLDKGTG NR.T	25
PLOG+214	proteomics_log	12868	12900	+	1	45	R.LINYLVEEFKK.D	15
PLOG+215	proteomics_log	12868	12945	+	1	137	R.LINYLVEEFKKDQGIDLRNDPLAMQR.L	30
PLOG+216	proteomics_log	12868	12921	+	1	211	R.LINYLVEEFKKDQGIDLR.N	22
PLOG+217	proteomics_log	12922	12945	+	1	3	R.NDPLAMQR.L	12
PLOG+218	proteomics_log	12946	12972	+	1	35	R.LKEAAEKAK.I	13
PLOG+219	proteomics_log	12967	13044	+	1	2	K.AKIELSSAQQT DVNLPYITADATGPK.H	30
PLOG+220	proteomics_log	12973	13044	+	1	12	K.IELSSAQQT DVNLPYITADATGPK.H	28
PLOG+221	proteomics_log	13060	13107	+	1	2	K.VTRAKLES LVEDLVNR.S	20
PLOG+222	proteomics_log	13069	13197	+	1	84	R.AKLES LVEDLVNRSIEPLKVALQDAGLSVSDIDDVILVGGQTR.M	47
PLOG+223	proteomics_log	13069	13107	+	1	425	R.AKLES LVEDLVNR.S	17
PLOG+224	proteomics_log	13075	13197	+	1	4	K.LES LVEDLVNRSIEPLKVALQDAGLSVSDIDDVILVGGQTR.M	45
PLOG+225	proteomics_log	13075	13107	+	1	53	K.LES LVEDLVNR.S	15
PLOG+226	proteomics_log	13108	13215	+	1	16	R.SIEPLKVALQDAGLSVSDIDDVILVGGQTRMPMVQK.K	40

PLOG+227	proteomics_log	13108	13218	+	1	77	R.SIEPLKVALQDAGLSVSDIDDVILVGGQTRMPMVQKK.V	41
PLOG+228	proteomics_log	13108	13197	+	1	324	R.SIEPLKVALQDAGLSVSDIDDVILVGGQTR.M	34
PLOG+229	proteomics_log	13126	13197	+	1	6	K.VALQDAGLSVSDIDDVILVGGQTR.M	28
PLOG+230	proteomics_log	13198	13218	+	1	3	R.MPMVQKK.V	11
PLOG+231	proteomics_log	13198	13215	+	1	4	R.MPMVQK.K	10
PLOG+232	proteomics_log	13216	13248	+	1	25	K.KVAEFFGKEPR.K	15
PLOG+233	proteomics_log	13219	13248	+	1	58	K.VAEFFGKEPR.K	14
PLOG+234	proteomics_log	13249	13323	+	1	2	R.KDVNPDEAVAIGAAVQGGVLTGDVK.D	29
PLOG+235	proteomics_log	13324	13404	+	1	164	K.DVLLLDVTPLSLGIETMGGVMTTLIAK.N	31
PLOG+236	proteomics_log	13405	13497	+	1	45	K.NTTIPTKHSQVFSTAEDNQSAVTIHVLQGER.K	35
PLOG+237	proteomics_log	13426	13497	+	1	42	K.HSQVFSTAEDNQSAVTIHVLQGER.K	28
PLOG+238	proteomics_log	13498	13563	+	1	43	R.KRAADNKSLGQFNLDGINPAPR.G	26
PLOG+239	proteomics_log	13501	13563	+	1	96	K.RAADNKSLGQFNLDGINPAPR.G	25
PLOG+240	proteomics_log	13504	13563	+	1	210	R.AADNKSLGQFNLDGINPAPR.G	24
PLOG+241	proteomics_log	13519	13563	+	1	316	K.SLGQFNLDGINPAPR.G	19
PLOG+242	proteomics_log	13630	13668	+	1	3	K.DKNSGKEQKITIK.A	17
PLOG+243	proteomics_log	13648	13713	+	1	4	K.EQKITIKASSGLNEDEIQKMVR.D	26
PLOG+244	proteomics_log	13657	13704	+	1	2	K.ITIKASSGLNEDEIQK.M	20
PLOG+245	proteomics_log	13669	13713	+	1	32	K.ASSGLNEDEIQKMVR.D	19
PLOG+246	proteomics_log	13669	13704	+	1	143	K.ASSGLNEDEIQK.M	16
PLOG+247	proteomics_log	13705	13770	+	1	2	K.MVRDAEANAADRKFEEVLVQTR.N	26
PLOG+248	proteomics_log	13714	13803	+	1	3	R.DAEANAADRKFEEVLVQTRNQGDHLLHSTR.K	34
PLOG+249	proteomics_log	13714	13746	+	1	9	R.DAEANAADRK.F	15
PLOG+250	proteomics_log	13714	13770	+	1	143	R.DAEANAADRKFEEVLVQTR.N	23
PLOG+251	proteomics_log	13771	13803	+	1	64	R.NQGDHLLHSTR.K	15
PLOG+252	proteomics_log	13804	13923	+	1	14	R.KQVEEAGDKLPADDKTAIESALTALETALKGEDKAAIEAK.M	44
PLOG+253	proteomics_log	13924	13953	+	1	42	K.MQELAQVSQK.L	14
PLOG+254	proteomics_log	14357	14485	+	2	2	R.AAYDQYGHAAFEQGGMGGGGFGGGADFSDFGDVFGDIFGGGR.G	47
PLOG+255	proteomics_log	14792	14848	+	2	2	R.SKTLSVKIPAGVDTGDRIR.L	23
PLOG+256	proteomics_log	15032	15079	+	2	47	R.VKLVKVPGETQTGKLF.R.M	20
PLOG+257	proteomics_log	15038	15079	+	2	5	K.LKVPGETQTGKLF.R.M	18
PLOG+258	proteomics_log	15140	15244	+	2	2	R.VVETPVGLNERQKQLLQELQESFGGPTGEHNSPR.S	39
PLOG+259	proteomics_log	15140	15175	+	2	59	R.VVETPVGLNER.Q	16
PLOG+260	proteomics_log	15176	15244	+	2	19	R.QKQLLQELQESFGGPTGEHNSPR.S	27
PLOG+261	proteomics_log	15182	15244	+	2	28	K.QLLQELQESFGGPTGEHNSPR.S	25
PLOG+262	proteomics_log	15245	15274	+	2	2	R.SKSFFDGVKK.F	14
PLOG+263	proteomics_log	15245	15295	+	2	13	R.SKSFFDGVKKFFDDLTR.-	21
PLOG+264	proteomics_log	15251	15295	+	2	9	K.SFFDGVKKFFDDLTR.-	19
PLOG+265	proteomics_log	21917	21988	+	2	11	R.QALADDNLALAESLLGHPFAISGR.V	28
PLOG+266	proteomics_log	21989	22015	+	2	3	R.VVHGDELGR.T	13
PLOG+267	proteomics_log	22394	22459	+	2	25	M.SDYKSTLNLPETGFPMRGDLAK.R	26
PLOG+268	proteomics_log	22460	22483	+	2	8	K.REPGMLAR.W	12
PLOG+269	proteomics_log	22484	22516	+	2	94	R.WTDDDLYGIR.A	15
PLOG+270	proteomics_log	22538	22630	+	2	2	K.TFILHDGPPYANGSIHIGHSVNKILKDIIVK.S	35
PLOG+271	proteomics_log	22538	22606	+	2	16	K.TFILHDGPPYANGSIHIGHSVNK.I	27
PLOG+272	proteomics_log	22706	22738	+	2	8	K.VEQEYKPGKEK.F	15

PLOG+273	proteomics_log	22772	22804	+	2	13	R.EYAATQVDGQR.K	15
PLOG+274	proteomics_log	22820	22870	+	2	9	R.LGVLGDWVSHPYLTMDFK.T	21
PLOG+275	proteomics_log	22820	22891	+	2	115	R.LGVLGDWVSHPYLTMDFKTEANIIR.A	28
PLOG+276	proteomics_log	23066	23143	+	2	5	K.FAVSNVNGPISLVIWTTTPWTLPANR.A	30
PLOG+277	proteomics_log	23144	23242	+	2	69	R.AISIAPDFDYALVQIDGQAVILAKDLVESVMQR.I	37
PLOG+278	proteomics_log	23243	23305	+	2	3	R.IGVTDYITILGTVKGAELELLR.F	25
PLOG+279	proteomics_log	23243	23281	+	2	3	R.IGVTDYITILGTVK.G	17
PLOG+280	proteomics_log	23435	23524	+	2	6	K.YGLETANPVGPDGTYLPPTYPTLDGVMVFK.A	34
PLOG+281	proteomics_log	23525	23560	+	2	6	K.ANDIVVALLQEK.G	16
PLOG+282	proteomics_log	23561	23584	+	2	2	K.GALLHVEK.M	12
PLOG+283	proteomics_log	23639	23674	+	2	4	R.ATPQWFVSMQK.G	16
PLOG+284	proteomics_log	23684	23743	+	2	2	R.AQSLKEIKGVQWIPDWGQAR.I	24
PLOG+285	proteomics_log	23708	23743	+	2	20	K.GVQWIPDWGQAR.I	16
PLOG+286	proteomics_log	23855	23887	+	2	4	R.TLELMEEVAKR.V	15
PLOG+287	proteomics_log	23855	23884	+	2	5	R.TLELMEEVAK.R	14
PLOG+288	proteomics_log	23855	23932	+	2	6	R.TLELMEEVAKRVEVDGIQAWWDLDAK.E	30
PLOG+289	proteomics_log	24206	24247	+	2	4	K.SIGNTVSPQDVMNK.L	18
PLOG+290	proteomics_log	24371	24409	+	2	3	R.FLLANLNGFPAK.D	17
PLOG+291	proteomics_log	24371	24448	+	2	23	R.FLLANLNGFPAKDMVKPEEMVVLDR.W	30
PLOG+292	proteomics_log	24430	24528	+	1	2	R.DGGTGSLSRRLCESGTGRHPQGVRSIRFPRSGT.A	37
PLOG+293	proteomics_log	24470	24532	+	2	27	K.AAQEDILKAYEAYDFHEVVQR.L	25
PLOG+294	proteomics_log	24743	24832	+	2	5	K.YVFTGEWYEGFLGLADSEAMNDAFWDELLK.V	34
PLOG+295	proteomics_log	24833	24871	+	2	2	K.VRGEVNVKIEQAR.A	17
PLOG+296	proteomics_log	24944	24970	+	2	11	K.LTALGDEL.R.F	13
PLOG+297	proteomics_log	24971	25051	+	2	2	R.FVLLTSGATVADYNDAPADAQQSEVLK.G	31
PLOG+298	proteomics_log	24971	25060	+	2	2	R.FVLLTSGATVADYNDAPADAQQSEVLKGLK.V	34
PLOG+299	proteomics_log	25880	25912	+	2	27	K.LDDGTTAESTR.N	15
PLOG+300	proteomics_log	25940	25993	+	2	16	R.LGDASLSEGLEQHLLGLK.V	22
PLOG+301	proteomics_log	26277	26303	+	3	7	N.MQILLANPR.G	13
PLOG+302	proteomics_log	26328	26384	+	3	8	R.AISIVENALAIYGAPIYVR.H	23
PLOG+303	proteomics_log	26997	27056	+	3	3	K.RAFLIDDAKDIQEEWVKEV.C	24
PLOG+304	proteomics_log	27000	27047	+	3	2	R.AFLIDDAKDIQEEWVK.E	20
PLOG+305	proteomics_log	27000	27056	+	3	61	R.AFLIDDAKDIQEEWVKEV.C	23
PLOG+306	proteomics_log	27120	27203	+	3	3	R.LQQLGGEAIPLEGREENIVFEVPKELR.V	32
PLOG+307	proteomics_log	27120	27164	+	3	5	R.LQQLGGEAIPLEGR.E	19
PLOG+308	proteomics_log	27434	27508	+	2	7	R.NALQLLHFWNAEIPLAQGAAPLVR.A	29
PLOG+309	proteomics_log	28374	28394	+	3	3	A.MHDANIR.V	11
PLOG+310	proteomics_log	28395	28421	+	3	3	R.VAIAAGAGR.M	13
PLOG+311	proteomics_log	28431	28544	+	3	78	R.QLIQAALALEGVQLGAALEREGSSLLGSDAGELAGAGK.T	42
PLOG+312	proteomics_log	28431	28490	+	3	107	R.QLIQAALALEGVQLGAALER.E	24
PLOG+313	proteomics_log	28491	28544	+	3	18	R.EGSSLLGSDAGELAGAGK.T	22
PLOG+314	proteomics_log	28809	28856	+	3	8	K.VMGDYTDIEIIIEAHR.H	20
PLOG+315	proteomics_log	28857	28934	+	3	7	R.HKVDAPSGTALAMGEAIAHALDKDLK.D	30
PLOG+316	proteomics_log	28956	29009	+	3	46	R.EGHTGERVPGTIGFATVR.A	22
PLOG+317	proteomics_log	28977	29009	+	3	2	R.VPGTIGFATVR.A	15
PLOG+318	proteomics_log	29010	29093	+	3	6	R.AGDIVGEHTAMFADIGERLEITHKASSR.M	32

PLOG+319	proteomics_log	29010	29063	+	3	25	R.AGDIVGEHTAMFADIGER.L	22
PLOG+320	proteomics_log	29010	29081	+	3	28	R.AGDIVGEHTAMFADIGERLEITHK.A	28
PLOG+321	proteomics_log	29064	29093	+	3	36	R.LEITHKASSR.M	14
PLOG+322	proteomics_log	29094	29192	+	3	2	R.MTFANGAVRSALWLSGKESGLFDMRDVLDLNNL.-	37
PLOG+323	proteomics_log	29094	29120	+	3	57	R.MTFANGAVR.S	13
PLOG+324	proteomics_log	29145	29192	+	3	20	K.ESGLFDMRDVLDLNNL.-	20
PLOG+325	proteomics_log	29169	29192	+	3	4	R.DVLDLNNL.-	12
PLOG+326	proteomics_log	29660	29704	+	2	334	K.SALLVLEDGTQFHGR.A	19
PLOG+327	proteomics_log	29705	29800	+	2	2	R.AIGATGSAVGEVVFNTSM*TG YQEILTDPSYSR.Q	37
PLOG+328	proteomics_log	29801	29929	+	2	3	R.QIVTLTYPHIGNVGTNDADADEESSQVHAQGLVIRDPLIASNFR.N	47
PLOG+329	proteomics_log	29900	29962	+	2	2	R.DLPLIASNFRNTEDLSSYLKR.H	25
PLOG+330	proteomics_log	29900	29929	+	2	57	R.DLPLIASNFR.N	14
PLOG+331	proteomics_log	29930	29998	+	2	2	R.NTEDLSSYLKRHNIVAIADIDTR.K	27
PLOG+332	proteomics_log	29930	29959	+	2	18	R.NTEDLSSYLK.R	14
PLOG+333	proteomics_log	29930	29962	+	2	43	R.NTEDLSSYLKR.H	15
PLOG+334	proteomics_log	29960	29998	+	2	5	K.RHNIVAIADIDTR.K	17
PLOG+335	proteomics_log	29963	30001	+	2	6	R.HNIVAIADIDTRK.L	17
PLOG+336	proteomics_log	29963	29998	+	2	213	R.HNIVAIADIDTR.K	16
PLOG+337	proteomics_log	30095	30130	+	2	4	R.AFPGLNGMDLAK.E	16
PLOG+338	proteomics_log	30206	30271	+	2	4	K.KEDELPFHVVAYDFGAKRNILR.M	26
PLOG+339	proteomics_log	30206	30256	+	2	21	K.KEDELPFHVVAYDFGAK.R	21
PLOG+340	proteomics_log	30206	30259	+	2	43	K.KEDELPFHVVAYDFGAKR.N	22
PLOG+341	proteomics_log	30296	30340	+	2	99	R.LTIVPAQTS AEDVLK.M	19
PLOG+342	proteomics_log	30422	30496	+	2	2	K.FLETDIPVFGICLGHQLLALASGAK.T	29
PLOG+343	proteomics_log	30557	30640	+	2	4	K.NVVMITAQNHGFVAVDEATLPANLRVTHK.S	32
PLOG+344	proteomics_log	30641	30676	+	2	42	K.SLFDGTLQGIHR.T	16
PLOG+345	proteomics_log	30677	30784	+	2	3	R.TDKPAFSFQGHPEASPGPHDAAPLFDHFIELIEQYR.K	40
PLOG+346	proteomics_log	30677	30787	+	2	17	R.TDKPAFSFQGHPEASPGPHDAAPLFDHFIELIEQYRK.T	41
PLOG+347	proteomics_log	30946	31041	+	1	4	R.VILVNSNPATIMTDPEMADATYIEPIHWEVVR.K	36
PLOG+348	proteomics_log	31129	31209	+	1	6	R.QGVLEEFVGTMI GATADAIDKAEDRRR.F	31
PLOG+349	proteomics_log	31129	31206	+	1	33	R.QGVLEEFVGTMI GATADAIDKAEDRRR.R	30
PLOG+350	proteomics_log	31129	31203	+	1	87	R.QGVLEEFVGTMI GATADAIDKAEDR.R	29
PLOG+351	proteomics_log	31228	31251	+	1	2	K.KIGLETAR.S	12
PLOG+352	proteomics_log	31399	31482	+	1	40	R.GLDLSPTKELLIDESLIGWKEYEMEVVR.D	32
PLOG+353	proteomics_log	31612	31698	+	1	2	R.NASMAVLREIGVETGGSNVQFAVNPKNR.L	33
PLOG+354	proteomics_log	31612	31689	+	1	5	R.NASMAVLREIGVETGGSNVQFAVNPKN.N	30
PLOG+355	proteomics_log	31612	31635	+	1	7	R.NASMAVLR.E	12
PLOG+356	proteomics_log	31636	31689	+	1	133	R.EIGVETGGSNVQFAVNPKN.N	22
PLOG+357	proteomics_log	31690	31725	+	1	14	K.NGR LIVIEMNPR.V	16
PLOG+358	proteomics_log	31699	31725	+	1	146	R.LIV IEMNPR.V	13
PLOG+359	proteomics_log	31735	31779	+	1	38	R.SSALASKATGFPIAK.V	19
PLOG+360	proteomics_log	31780	31845	+	1	5	K.VAAKLAVGYTLDELMNDITGGR.T	26
PLOG+361	proteomics_log	31780	31899	+	1	14	K.VAAKLAVGYTLDELMNDITGG RTPASFEPSIDYVVTKIPR.F	44
PLOG+362	proteomics_log	31792	31890	+	1	2	K.LAVGYTLDELM*NDITGG RTPASFEPSIDYVVTK.I	38
PLOG+363	proteomics_log	31792	31845	+	1	3	K.LAVGYTLDELM*NDITGGR.T	23
PLOG+364	proteomics_log	31792	31899	+	1	10	K.LAVGYTLDELM*NDITGG RTPASFEPSIDYVVTKIPR.F	41



PLOG+365	proteomics_log	31792	31890	+	1	114	K.LAVGYTLDELMNDITGG RTPASFEPSIDYVVK.I	37
PLOG+366	proteomics_log	31792	31845	+	1	129	K.LAVGYTLDELMNDITGGR.T	22
PLOG+367	proteomics_log	31792	31899	+	1	228	K.LAVGYTLDELMNDITGG RTPASFEPSIDYVVKIPR.F	40
PLOG+368	proteomics_log	31846	31890	+	1	28	R.TPASFEPSIDYVVK.I	19
PLOG+369	proteomics_log	31846	31899	+	1	30	R.TPASFEPSIDYVVKIPR.F	22
PLOG+370	proteomics_log	31900	31935	+	1	7	R.FNFEKFAGANDR.L	16
PLOG+371	proteomics_log	31900	31953	+	1	8	R.FNFEKFAGANDRLTTQMK.S	22
PLOG+372	proteomics_log	31915	31953	+	1	3	K.FAGANDRLTTQM*K.S	18
PLOG+373	proteomics_log	31915	31953	+	1	67	K.FAGANDRLTTQMK.S	17
PLOG+374	proteomics_log	31954	32016	+	1	3	K.SVGEVMAIGRTQQESLQKALR.G	25
PLOG+375	proteomics_log	31954	32007	+	1	4	K.SVGEVMAIGRTQQESLQK.A	22
PLOG+376	proteomics_log	31954	31983	+	1	117	K.SVGEVMAIGR.T	14
PLOG+377	proteomics_log	31984	32007	+	1	9	R.TQQESLQK.A	12
PLOG+378	proteomics_log	32008	32085	+	1	4	K.ALRGLEVGATGFDPKVS LDDPEALTK.I	30
PLOG+379	proteomics_log	32017	32085	+	1	10	R.GLEV GATGFDPKVS LDDPEALTK.I	27
PLOG+380	proteomics_log	32017	32052	+	1	11	R.GLEV GATGFDPK.V	16
PLOG+381	proteomics_log	32053	32085	+	1	58	K.VS LDDPEALTK.I	15
PLOG+382	proteomics_log	32092	32148	+	1	2	R.RELKDAGADRIWYIADAFR.A	23
PLOG+383	proteomics_log	32095	32148	+	1	6	R.ELKDAGADRIWYIADAFR.A	22
PLOG+384	proteomics_log	32122	32148	+	1	5	R.IWYIADAFR.A	13
PLOG+385	proteomics_log	32149	32196	+	1	14	R.AGLSVDGVFNLTNIDR.W	20
PLOG+386	proteomics_log	32149	32229	+	1	47	R.AGLSVDGVFNLTNIDRWFLVQIEELVR.L	31
PLOG+387	proteomics_log	32149	32241	+	1	61	R.AGLSVDGVFNLTNIDRWFLVQIEELVRLEEK.V	35
PLOG+388	proteomics_log	32188	32286	+	1	3	N.IDRWFLVQIEELVRLEEKVAEVGITGLNADFLR.Q	37
PLOG+389	proteomics_log	32197	32241	+	1	2	R.WFLVQIEELVRLEEK.V	19
PLOG+390	proteomics_log	32197	32229	+	1	7	R.WFLVQIEELVR.L	15
PLOG+391	proteomics_log	32242	32286	+	1	29	K.VAEVGITGLNADFLR.Q	19
PLOG+392	proteomics_log	32359	32400	+	1	5	R.KLRDQYDLHPVYKR.V	18
PLOG+393	proteomics_log	32359	32397	+	1	8	R.KLRDQYDLHPVYK.R	17
PLOG+394	proteomics_log	32362	32400	+	1	2	K.LRDQYDLHPVYKR.V	17
PLOG+395	proteomics_log	32500	32529	+	1	38	K.IMVLGGGPNR.I	14
PLOG+396	proteomics_log	32662	32709	+	1	109	R.LYFEPVTLEDVLEIVR.I	20
PLOG+397	proteomics_log	32710	32763	+	1	3	R.IEKPKGVIVQYGGQTPLK.L	22
PLOG+398	proteomics_log	32710	32772	+	1	136	R.IEKPKGVIVQYGGQTPLKLAR.A	25
PLOG+399	proteomics_log	32725	32763	+	1	3	K.GVIVQYGGQTPLK.L	17
PLOG+400	proteomics_log	32773	32829	+	1	19	R.ALEAAGVPVIGTSPDAIDR.A	23
PLOG+401	proteomics_log	32773	32847	+	1	121	R.ALEAAGVPVIGTSPDAIDRAEDRER.F	29
PLOG+402	proteomics_log	32869	32985	+	1	3	R.LKLKQPANATVTAIEMAVEKAKEIGYPLVVRPSYVLGGR.A	43
PLOG+403	proteomics_log	32869	32985	+	1	3	R.LKLKQPANATVTAIEM*AVEKAKEIGYPLVVRPSYVLGGR.A	44
PLOG+404	proteomics_log	32869	32934	+	1	4	R.LKLKQPANATVTAIEM*AVEKAK.E	27
PLOG+405	proteomics_log	32869	32934	+	1	6	R.LKLKQPANATVTAIEMAVEKAK.E	26
PLOG+406	proteomics_log	32869	32928	+	1	9	R.LKLKQPANATVTAIEM*AVEK.A	25
PLOG+407	proteomics_log	32869	32928	+	1	68	R.LKLKQPANATVTAIEMAVEK.A	24
PLOG+408	proteomics_log	32875	32985	+	1	3	K.LKQPANATVTAIEMAVEKAKEIGYPLVVRPSYVLGGR.A	41
PLOG+409	proteomics_log	32875	32985	+	1	3	K.LKQPANATVTAIEM*AVEKAKEIGYPLVVRPSYVLGGR.A	42
PLOG+410	proteomics_log	32875	32928	+	1	15	K.LKQPANATVTAIEMAVEK.A	22

PLOG+411	proteomics_log	32929	32985	+	1	5	K.AKEIGYPLVVRPSYVLGGR.A	23
PLOG+412	proteomics_log	32935	32985	+	1	7	K.EIGYPLVVRPSYVLGGR.A	21
PLOG+413	proteomics_log	32986	33021	+	1	13	R.AMEIVYDEADLR.R	16
PLOG+414	proteomics_log	32986	33024	+	1	95	R.AMEIVYDEADLRR.Y	17
PLOG+415	proteomics_log	33247	33285	+	1	10	R.QQVQKLAFELQVR.G	17
PLOG+416	proteomics_log	33262	33285	+	1	26	K.LAFELQVR.G	12
PLOG+417	proteomics_log	33286	33315	+	1	3	R.GLM*NVQFAVK.N	15
PLOG+418	proteomics_log	33286	33315	+	1	15	R.GLMNVQFAVK.N	14
PLOG+419	proteomics_log	33316	33351	+	1	37	K.NNEVYLIEVNPR.A	16
PLOG+420	proteomics_log	33361	33405	+	1	145	R.TVPFVSKATGVPLAK.V	19
PLOG+421	proteomics_log	33367	33405	+	1	4	V.PFVSKATGVPLAK.V	17
PLOG+422	proteomics_log	33418	33459	+	1	2	R.VM*AGKSLAEQGVTK.E	19
PLOG+423	proteomics_log	33433	33489	+	1	2	K.SLAEQGVTKVIPYYSVK.E	23
PLOG+424	proteomics_log	33433	33552	+	1	5	K.SLAEQGVTKVIPYYSVKEVLPFNKFPQVDPLLGPENR.S	45
PLOG+425	proteomics_log	33433	33552	+	1	21	K.SLAEQGVTKVIPYYSVKEVLPFNKFPQVDPLLGPENR.S	44
PLOG+426	proteomics_log	33433	33459	+	1	33	K.SLAEQGVTK.E	13
PLOG+427	proteomics_log	33460	33552	+	1	43	K.EVIPYYSVKEVLPFNKFPQVDPLLGPENR.S	35
PLOG+428	proteomics_log	33484	33552	+	1	5	S.VKEVLPFNKFPQVDPLLGPENR.S	27
PLOG+429	proteomics_log	33490	33552	+	1	9	K.EVLPFNKFPQVDPLLGPENR.S	26
PLOG+430	proteomics_log	33490	33552	+	1	213	K.EVLPFNKFPQVDPLLGPENR.S	25
PLOG+431	proteomics_log	33553	33606	+	1	23	R.STGEVMGVGRTFEAFAK.A	22
PLOG+432	proteomics_log	33553	33582	+	1	37	R.STGEVM*GVGR.T	15
PLOG+433	proteomics_log	33553	33582	+	1	176	R.STGEVMGVGR.T	14
PLOG+434	proteomics_log	33583	33606	+	1	15	R.TEAFAK.A	12
PLOG+435	proteomics_log	33607	33636	+	1	4	K.AQLGSNSTM*K.K	15
PLOG+436	proteomics_log	33607	33636	+	1	6	K.AQLGSNSTMK.K	14
PLOG+437	proteomics_log	33607	33639	+	1	7	K.AQLGSNSTM*KK.H	16
PLOG+438	proteomics_log	33607	33639	+	1	14	K.AQLGSNSTMKK.H	15
PLOG+439	proteomics_log	33607	33648	+	1	81	K.AQLGSNSTMKKHGR.A	18
PLOG+440	proteomics_log	33649	33684	+	1	2	R.ALLSVREGDKER.V	16
PLOG+441	proteomics_log	33685	33705	+	1	3	R.VVDLAAK.L	11
PLOG+442	proteomics_log	33685	33783	+	1	69	R.VVDLAAKLLKQGFELDATHGTAIVLGEAGINPR.L	37
PLOG+443	proteomics_log	33706	33783	+	1	147	K.LLKQGFELDATHGTAIVLGEAGINPR.L	30
PLOG+444	proteomics_log	33715	33783	+	1	5	K.QGFELDATHGTAIVLGEAGINPR.L	27
PLOG+445	proteomics_log	33757	33783	+	1	4	V.LGEAGINPR.L	13
PLOG+446	proteomics_log	33784	33828	+	1	26	R.LVNVHGRPHIQDR.I	19
PLOG+447	proteomics_log	33829	33876	+	1	6	R.IKNGEYTYIINTTSGR.R	20
PLOG+448	proteomics_log	33829	33879	+	1	9	R.IKNGEYTYIINTTSGRR.A	21
PLOG+449	proteomics_log	33835	33876	+	1	5	K.NGEYTYIINTTSGR.R	18
PLOG+450	proteomics_log	34000	34035	+	1	2	K.VISVQEM*HAQIK.-	17
PLOG+451	proteomics_log	34000	34035	+	1	39	K.VISVQEMHAQIK.-	16
PLOG+452	proteomics_log	34339	34383	+	1	2	L.IAEWMM*AENRWVIAR.E	20
PLOG+453	proteomics_log	34339	34383	+	1	17	L.IAEWMM AENRWVIAR.E	19
PLOG+454	proteomics_log	37159	37218	+	1	3	R.RHYRQVDVIVTQCTLPGGVI.S	24
PLOG+455	proteomics_log	45341	45391	+	2	3	A.RDLFTIDGSAPELMRKK.I	21
PLOG+456	proteomics_log	47318	47344	+	2	2	A.RTLEGVEIR.S	13

PLOG+457	proteomics_log	47844	47900	+	3	3	R.LGLGSVLGYLIAGCIIGPW.G	23
PLOG+458	proteomics_log	49823	49858	+	2	3	S.MISLIAALAVDR.V	16
PLOG+459	proteomics_log	49922	49954	+	2	2	R.NTLNKPVIM*GR.H	16
PLOG+460	proteomics_log	49922	49954	+	2	4	R.NTLNKPVIMGR.H	15
PLOG+461	proteomics_log	62323	62346	+	1	8	G.RGQQQNAR.H	12
PLOG+462	proteomics_log	69738	69815	+	3	2	R.SASTFPSASIGAGVEPVLSTPIPTTA.A	30
PLOG+463	proteomics_log	83023	83061	+	1	94	V.RNVDGGGTGINRR.F	17
PLOG+464	proteomics_log	85630	85665	+	1	18	A.MEMLSGAEMVVR.S	16
PLOG+465	proteomics_log	85666	85776	+	1	22	R.SLIDQGVKQVFGYPGGAVLDIYDALHTVGGIDHVLVR.H	41
PLOG+466	proteomics_log	85690	85776	+	1	18	K.QVFGYPGGAVLDIYDALHTVGGIDHVLVR.H	33
PLOG+467	proteomics_log	85777	85818	+	1	2	R.HEQAAVHM*ADGLAR.A	19
PLOG+468	proteomics_log	85777	85818	+	1	4	R.HEQAAVHMADGLAR.A	18
PLOG+469	proteomics_log	86011	86061	+	1	2	K.HSFLVKQTEDIPQVLKK.A	21
PLOG+470	proteomics_log	86179	86223	+	1	2	R.SYNPTTGHKGQIKR.A	19
PLOG+471	proteomics_log	86280	86339	+	3	3	G.NHGGLPSAVERNGGGVESAR.C	24
PLOG+472	proteomics_log	86355	86414	+	3	5	D.GAGGVSGNASSGTGHAGNAR.Y	24
PLOG+473	proteomics_log	86605	86703	+	1	4	R.QVLEQMLELLSQESAHQPLDEIRDWWQQIEQWR.A	37
PLOG+474	proteomics_log	86869	86931	+	1	14	R.WINSGGLGTMGFPLPAALGVK.M	25
PLOG+475	proteomics_log	86995	87057	+	1	2	I.QELSTALQYELPVLVNLNLR.Y	25
PLOG+476	proteomics_log	87196	87246	+	1	2	H.ELESKLSEALEQVRNNR.L	21
PLOG+477	proteomics_log	87366	87410	+	3	199	R.ILSVLLLENESGALS.R.V	19
PLOG+478	proteomics_log	87411	87434	+	3	79	R.VIGLFSQR.G	12
PLOG+479	proteomics_log	87435	87491	+	3	70	R.GYNIESLTVAPTDDPTLSR.M	23
PLOG+480	proteomics_log	87492	87521	+	3	5	R.MTIQTVGDEK.V	14
PLOG+481	proteomics_log	87492	87572	+	3	10	R.M*TIQTVGDEKQVLEQIEKQLHLKLVLDVLR.V	32
PLOG+482	proteomics_log	87492	87572	+	3	40	R.MTIQTVGDEKQVLEQIEKQLHLKLVLDVLR.V	31
PLOG+483	proteomics_log	87573	87608	+	3	24	R.VSELGQGAHVER.E	16
PLOG+484	proteomics_log	87747	87803	+	3	2	K.LDAFLASIRDVAKIVEVAR.S	23
PLOG+485	proteomics_log	87804	87845	+	3	5	R.SGVVGLSRGDKIMR.-	18
PLOG+486	proteomics_log	88214	88261	+	2	7	R.SIGLVIPDLENTSYTR.I	20
PLOG+487	proteomics_log	88436	88474	+	2	6	R.WANDPFPIVALDR.A	17
PLOG+488	proteomics_log	90211	90243	+	1	10	R.LILSQLGEEGR.L	15
PLOG+489	proteomics_log	90211	90288	+	1	65	R.LILSQLGEEGRLLAIDRDPQAIIVAK.T	30
PLOG+490	proteomics_log	90361	90435	+	1	3	R.DLIGKIDGILLDLGVSSPQLDDAER.G	29
PLOG+491	proteomics_log	90370	90435	+	1	5	I.GKIDGILLDLGVSSPQLDDAER.G	26
PLOG+492	proteomics_log	90631	90702	+	1	3	R.TKELAEVVAATPVKDKFKHPATR.T	28
PLOG+493	proteomics_log	90721	90765	+	1	29	R.IWVNSELEEIEQALK.S	19
PLOG+494	proteomics_log	90721	90798	+	1	33	R.IWVNSELEEIEQALKSSLNVLAPGGR.L	30
PLOG+495	proteomics_log	90799	90834	+	1	2	R.LSIIISFHSLEDR.I	16
PLOG+496	proteomics_log	90952	90996	+	1	2	K.LMPGEEVAENPRAR.S	19
PLOG+497	proteomics_log	90952	90990	+	1	3	K.LMPGEEVAENPR.A	17
PLOG+498	proteomics_log	93526	93618	+	1	15	K.TTTTQLLAQWSQLLGEISAVMGTVGNLLGK.V	35
PLOG+499	proteomics_log	94411	94482	+	1	7	N.PRTEEPRAIINDILAGMLDAGHAK.V	28
PLOG+500	proteomics_log	94432	94482	+	1	97	R.AIINDILAGMLDAGHAK.V	21
PLOG+501	proteomics_log	94824	94901	+	3	12	K.AGGAGALLVSRPLDIDLPLQIVKDTR.L	30
PLOG+502	proteomics_log	94902	94934	+	3	2	R.LAFGELAAWVR.Q	15

PLOG+503	proteomics_log	96997	97065	+	1	8	R.LAGTARHCAFLDYFADAGSDWSG.N	27
PLOG+504	proteomics_log	100765	100788	+	1	2	R.MNTQQLAK.L	12
PLOG+505	proteomics_log	101086	101115	+	1	6	R.RAEMLAELMR.F	14
PLOG+506	proteomics_log	101713	101742	+	1	6	R.ALESFQGTGR.R	14
PLOG+507	proteomics_log	101743	101790	+	1	10	R.RFDLGFEPLEPVNGK.S	20
PLOG+508	proteomics_log	101923	102033	+	1	22	R.TRDLYDDFANVLTQVDTLLMLEVYPAGEAPIPGADSR.S	41
PLOG+509	proteomics_log	102100	102174	+	1	7	R.VAEMLAPVLTGNDLILVQGAGNIGK.I	29
PLOG+510	proteomics_log	102202	102237	+	1	2	K.LKPQTPPEEQHD.-	16
PLOG+511	proteomics_log	102428	102529	+	2	10	R.GGEDGTLQGMLELMGLPYTGSVGMASALSMDKLR.S	38
PLOG+512	proteomics_log	103097	103132	+	2	3	R.QAGMSFSQLVVR.I	16
PLOG+513	proteomics_log	104039	104116	+	2	2	K.VAALVGEVLPDGMVNIIGVGSPPSRG.M	30
PLOG+514	proteomics_log	104882	104935	+	2	20	R.YTELLNLVNEEILQLQEK.L	22
PLOG+515	proteomics_log	105053	105142	+	2	4	R.IGAPLNITGLTDYAQEPYYSTAVGLLHYGK.E	34
PLOG+516	proteomics_log	105305	105403	+	2	50	T.MFEPMELTNDAVIKVIGVGGGGGNAVEHVMVRER.I	37
PLOG+517	proteomics_log	105305	105397	+	2	92	T.MFEPMELTNDAVIKVIGVGGGGGNAVEHVMVR.E	35
PLOG+518	proteomics_log	105305	105346	+	2	114	T.MFEPMELTNDAVIK.V	18
PLOG+519	proteomics_log	105347	105397	+	2	42	K.VIGVGGGGGNAVEHVMVR.E	21
PLOG+520	proteomics_log	105398	105457	+	2	38	R.ERIEGVEFFAVNTDAQALRK.T	24
PLOG+521	proteomics_log	105404	105502	+	2	2	R.IEGVEFFAVNTDAQALRKTAVGQTIQIGSGITK.G	37
PLOG+522	proteomics_log	105404	105454	+	2	18	R.IEGVEFFAVNTDAQALR.K	21
PLOG+523	proteomics_log	105404	105457	+	2	53	R.IEGVEFFAVNTDAQALRK.T	22
PLOG+524	proteomics_log	105458	105511	+	2	3	K.TAVGQTIQIGSGITKGLG.A	22
PLOG+525	proteomics_log	105458	105538	+	2	53	K.TAVGQTIQIGSGITKGLGAGANPEVGR.N	31
PLOG+526	proteomics_log	105458	105502	+	2	92	K.TAVGQTIQIGSGITK.G	19
PLOG+527	proteomics_log	105503	105538	+	2	136	K.GLGAGANPEVGR.N	16
PLOG+528	proteomics_log	105506	105538	+	2	2	G.LGAGANPEVGR.N	15
PLOG+529	proteomics_log	105539	105667	+	2	2	R.NAADEDRDALRAALEGADMVFIAAGMGGGTGTGAAPVVAEVAK.D	47
PLOG+530	proteomics_log	105539	105571	+	2	19	R.NAADEDRDALR.A	15
PLOG+531	proteomics_log	105572	105667	+	2	2	R.AALEGADM*VFIAAGM*GGGTGTGAAPVVAEVAK.D	38
PLOG+532	proteomics_log	105602	105724	+	2	2	F.IAAGM*GGGTGTGAAPVVAEVAKDLGILTAVVTKPFNFEGK.K	46
PLOG+533	proteomics_log	105668	105724	+	2	11	K.DLGILTVAVVTKPFNFEGK.K	23
PLOG+534	proteomics_log	105731	105805	+	2	2	R.MAFAEQGITELSKHVDSLITIPNDK.L	29
PLOG+535	proteomics_log	105731	105814	+	2	3	R.M*AFAEQGITELSKHVDSLITIPNDKLLK.V	33
PLOG+536	proteomics_log	105731	105826	+	2	3	R.M*AFAEQGITELSKHVDSLITIPNDKLLKVLGR.G	37
PLOG+537	proteomics_log	105731	105769	+	2	13	R.MAFAEQGITELSK.H	17
PLOG+538	proteomics_log	105731	105826	+	2	36	R.MAFAEQGITELSKHVDSLITIPNDKLLKVLGR.G	36
PLOG+539	proteomics_log	105731	105814	+	2	231	R.MAFAEQGITELSKHVDSLITIPNDKLLK.V	32
PLOG+540	proteomics_log	105737	105814	+	2	2	A.FAEQGITELSKHVDSLITIPNDKLLK.V	30
PLOG+541	proteomics_log	105770	105805	+	2	7	K.HVDSLITIPNDK.L	16
PLOG+542	proteomics_log	105770	105814	+	2	47	K.HVDSLITIPNDKLLK.V	19
PLOG+543	proteomics_log	105827	105946	+	2	9	R.GISLLDAFGAANDVLLKGAVQGIAELITRPGLM*NVDVFADVR.T	45
PLOG+544	proteomics_log	105827	105946	+	2	60	R.GISLLDAFGAANDVLLKGAVQGIAELITRPGLMNVDFADVR.T	44
PLOG+545	proteomics_log	105827	105874	+	2	157	R.GISLLDAFGAANDVLLK.G	20
PLOG+546	proteomics_log	105875	105946	+	2	2	K.GAVQGIAELITRPGLM*NVDVFADVR.T	29
PLOG+547	proteomics_log	105875	105946	+	2	46	K.GAVQGIAELITRPGLMNVDFADVR.T	28
PLOG+548	proteomics_log	106010	106078	+	2	3	R.AEEAAEM*AISSPLLEDIDLSGAR.G	28

PLOG+549	proteomics_log	106010	106078	+	2	7	R.AEEAAEMAISPLLEDIDLSGAR.G	27
PLOG+550	proteomics_log	106046	106078	+	2	6	P.LLEDIDLSGAR.G	15
PLOG+551	proteomics_log	106118	106153	+	2	50	R.LDEFETVGNTIR.A	16
PLOG+552	proteomics_log	106154	106225	+	2	2	R.AFASDNATVVIGTSLDPDM*NDEL.R.V	29
PLOG+553	proteomics_log	106199	106225	+	2	2	L.DPDM*NDEL.R.V	14
PLOG+554	proteomics_log	106226	106291	+	2	4	R.VTVVATGIGMDKRPEITLVTK.Q	26
PLOG+555	proteomics_log	106307	106372	+	2	6	P.VM*DRYQQHGM*APLTQEQQKPAK.V	28
PLOG+556	proteomics_log	106319	106372	+	2	3	R.YQQHGM*APLTQEQQKPAK.V	23
PLOG+557	proteomics_log	106319	106372	+	2	38	R.YQQHGMAPLTQEQQKPAK.V	22
PLOG+558	proteomics_log	106343	106372	+	2	4	P.LTQEQQKPAK.V	14
PLOG+559	proteomics_log	106373	106405	+	2	28	K.VVNDNAPQTAK.E	15
PLOG+560	proteomics_log	106373	106441	+	2	93	K.VVNDNAPQTAKEDYLDIPAFLR.K	27
PLOG+561	proteomics_log	106373	106444	+	2	145	K.VVNDNAPQTAKEDYLDIPAFLR.Q	28
PLOG+562	proteomics_log	108432	108509	+	3	3	R.ARLEKGEVLENLIPFAFVREASKR.V	30
PLOG+563	proteomics_log	108432	108494	+	3	38	R.ARLEKGEVLENLIPFAFVVR.E	25
PLOG+564	proteomics_log	108438	108494	+	3	37	R.LEKGEVLENLIPFAFVVR.E	23
PLOG+565	proteomics_log	108447	108494	+	3	10	K.GEVLENLIPFAFVVR.E	20
PLOG+566	proteomics_log	108525	108569	+	3	58	R.HFDVQLLGGMVLNER.C	19
PLOG+567	proteomics_log	108588	108650	+	3	2	R.TGEGKTLTATLPAYLNALTGK.G	25
PLOG+568	proteomics_log	108603	108650	+	3	8	K.TLTATLPAYLNALTGK.G	20
PLOG+569	proteomics_log	108651	108692	+	3	3	K.GVHVTVNDYLAQR.D	18
PLOG+570	proteomics_log	108693	108779	+	3	27	R.DAENNRPLFEFLGLTVGINLPGMPAPAKR.E	33
PLOG+571	proteomics_log	108882	108938	+	3	73	R.KLHYALVDEVDSILIDEAR.T	23
PLOG+572	proteomics_log	108885	108938	+	3	9	K.LHYALVDEVDSILIDEAR.T	22
PLOG+573	proteomics_log	109110	109142	+	3	2	R.GLVLIEELLVK.E	15
PLOG+574	proteomics_log	109245	109304	+	3	6	R.DVDYIVKDGVEIIVDEHTGR.T	24
PLOG+575	proteomics_log	109320	109358	+	3	2	R.RWSDGLHQAVEAK.E	17
PLOG+576	proteomics_log	109539	109613	+	3	37	R.KDLPDLVYMTEAEKIQAIIEDIKER.T	29
PLOG+577	proteomics_log	109542	109580	+	3	2	K.DLPDLVYM*TEAEK.I	18
PLOG+578	proteomics_log	109542	109613	+	3	48	K.DLPDLVYMTEAEKIQAIIEDIKER.T	28
PLOG+579	proteomics_log	109692	109724	+	3	19	K.AGIKHNVLNAK.F	15
PLOG+580	proteomics_log	109725	109805	+	3	9	K.FHANEAAIVAQAAGYPAAVTIATNMAGR.G	31
PLOG+581	proteomics_log	109911	109961	+	3	9	R.HDAVLEAGGLHIIGTER.H	21
PLOG+582	proteomics_log	109974	109994	+	3	5	R.RIDNQLR.G	11
PLOG+583	proteomics_log	110034	110066	+	3	2	R.FYLSM*EDALM*R.I	17
PLOG+584	proteomics_log	110034	110066	+	3	59	R.FYLSMEDALMR.I	15
PLOG+585	proteomics_log	110103	110153	+	3	74	R.KLGMKPGEAIEHPWVTK.A	21
PLOG+586	proteomics_log	110106	110153	+	3	20	K.LGMKPGEAIEHPWVTK.A	20
PLOG+587	proteomics_log	110190	110249	+	3	4	R.NFDIRKQLLEYDDVANDQRR.A	24
PLOG+588	proteomics_log	110205	110249	+	3	2	R.KQLLEYDDVANDQRR.A	19
PLOG+589	proteomics_log	110247	110267	+	3	3	R.RAIYSQR.N	11
PLOG+590	proteomics_log	110268	110333	+	3	19	R.NELLDVSDVSETINSIREDVFK.A	26
PLOG+591	proteomics_log	110406	110486	+	3	5	R.LKNDFDLPLPIAEWLDKEPELHEETLR.E	31
PLOG+592	proteomics_log	110406	110492	+	3	6	R.LKNDFDLPLPIAEWLDKEPELHEETLRER.I	33
PLOG+593	proteomics_log	110493	110525	+	3	14	R.ILAQSIEVYQR.K	15
PLOG+594	proteomics_log	110526	110558	+	3	4	R.KEEVVGAEM*M*R.H	17

PLOG+595	proteomics_log	110559	110636	+	3	20	R.HFEKGVMLQTLDSLWKEHLAAMDYLR.Q	30
PLOG+596	proteomics_log	110571	110636	+	3	62	K.GVMLQTLDSLWKEHLAAMDYLR.Q	26
PLOG+597	proteomics_log	110595	110636	+	3	2	D.SLWKEHLAAMDYLR.Q	18
PLOG+598	proteomics_log	110664	110762	+	3	2	A.QKDPKQEYKRESFSMFAAMLES�KYEVISTLSK.V	37
PLOG+599	proteomics_log	110679	110762	+	3	2	K.QEYKRESFSMFAAMLES�KYEVISTLSK.V	32
PLOG+600	proteomics_log	110691	110762	+	3	4	K.RESFSMFAAMLES�KYEVISTLSK.V	28
PLOG+601	proteomics_log	110694	110735	+	3	5	R.EFSMFAAMLESK.Y	18
PLOG+602	proteomics_log	110694	110762	+	3	60	R.EFSMFAAMLES�KYEVISTLSK.V	27
PLOG+603	proteomics_log	110775	110810	+	3	2	R.MPEEVEELEQQR.R	16
PLOG+604	proteomics_log	110829	110909	+	3	2	R.LAQMQQLSHQDDSAALAAQTGER.K	31
PLOG+605	proteomics_log	113444	113500	+	2	6	H.M*RIEEDLKLGFKDVLRPK.R	24
PLOG+606	proteomics_log	113444	113500	+	2	128	H.MRIEEDLKLGFKDVLRPK.R	23
PLOG+607	proteomics_log	113468	113500	+	2	14	K.LGFKDVLRPK.R	15
PLOG+608	proteomics_log	113516	113542	+	2	64	K.SRSDVELER.Q	13
PLOG+609	proteomics_log	113735	113785	+	2	2	K.HVM*VSTGTSDADFEKTK.Q	22
PLOG+610	proteomics_log	113735	113785	+	2	3	K.HVMVSTGTSDADFEKTK.Q	21
PLOG+611	proteomics_log	113735	113779	+	2	4	K.HVMVSTGTSDADFEK.T	19
PLOG+612	proteomics_log	114134	114205	+	2	65	K.AFGGGADFVMLGGMLAGHEESGGR.I	28
PLOG+613	proteomics_log	114230	114271	+	2	24	K.FMLFYGMSSSESAMK.R	18
PLOG+614	proteomics_log	114275	114316	+	2	3	R.HVGGVAEYRAAEGK.T	18
PLOG+615	proteomics_log	114275	114301	+	2	28	R.HVGGVAEYR.A	13
PLOG+616	proteomics_log	114302	114361	+	2	3	R.AAEGKTVKPLRGPVENTAR.D	24
PLOG+617	proteomics_log	114317	114361	+	2	43	K.TVKPLRGPVENTAR.D	19
PLOG+618	proteomics_log	114326	114361	+	2	18	K.LPLRGPVENTAR.D	16
PLOG+619	proteomics_log	114383	114412	+	2	6	R.SACTYVGASR.L	14
PLOG+620	proteomics_log	114434	114469	+	2	2	R.TTFIRVQEENR.I	16
PLOG+621	proteomics_log	114449	114484	+	2	5	R.VQEENRIFNNL.-	16
PLOG+622	proteomics_log	118733	118768	+	2	16	C.MLLEQGWLVGAR.R	16
PLOG+623	proteomics_log	122293	122403	+	1	2	R.QGGGTFVQSSLWQSFSDPLVELLSDPESQYDLETR.H	41
PLOG+624	proteomics_log	122404	122445	+	1	2	R.HALEGIAAYAAALR.S	18
PLOG+625	proteomics_log	122761	122796	+	1	12	R.HLAFIEEILLDR.S	16
PLOG+626	proteomics_log	123020	123112	+	2	13	M.SERFPNDVDPIETRDWLQAIESVIREEGVER.A	35
PLOG+627	proteomics_log	123029	123061	+	2	2	R.FPNDVDPIETR.D	15
PLOG+628	proteomics_log	123062	123094	+	2	21	R.DWLQAIESVIR.E	15
PLOG+629	proteomics_log	123062	123151	+	2	80	R.DWLQAIESVIREEGVERAQYLIDQLLAEAR.K	34
PLOG+630	proteomics_log	123062	123112	+	2	88	R.DWLQAIESVIREEGVER.A	21
PLOG+631	proteomics_log	123113	123151	+	2	183	R.AQYLIDQLLAEAR.K	17
PLOG+632	proteomics_log	123152	123259	+	2	4	R.KGGVNVAAGTGISNYINTIPVEEQPEYPGNLELERR.I	40
PLOG+633	proteomics_log	123152	123256	+	2	27	R.KGGVNVAAGTGISNYINTIPVEEQPEYPGNLELER.R	39
PLOG+634	proteomics_log	123266	123304	+	2	12	R.SAIRWNAIMTVLR.A	17
PLOG+635	proteomics_log	123278	123304	+	2	22	R.WNAIMTVLR.A	13
PLOG+636	proteomics_log	123398	123469	+	2	106	R.ARNEQDGGDLVYFQGHISPGVYAR.A	28
PLOG+637	proteomics_log	123404	123469	+	2	37	R.NEQDGGDLVYFQGHISPGVYAR.A	26
PLOG+638	proteomics_log	123470	123562	+	2	9	R.AFLEGRLTQEQLDNFRQEVHGNGLSSYPHPK.L	35
PLOG+639	proteomics_log	123488	123562	+	2	20	R.LTQEQLDNFRQEVHGNGLSSYPHPK.L	29
PLOG+640	proteomics_log	123524	123637	+	2	12	E.VHGNGLSSYPHPKLM*PEFWQFPTVSMGLGPIGAIYQAK.F	43

PLOG+641	proteomics_log	123563	123637	+	2	2	K.LM*PEFWQFPTVSMGLGPIGAIYQAK.F	30
PLOG+642	proteomics_log	123563	123637	+	2	5	K.LMPEFWQFPTVSM*GLGPIGAIYQAK.F	30
PLOG+643	proteomics_log	123563	123637	+	2	136	K.LMPEFWQFPTVSMGLGPIGAIYQAK.F	29
PLOG+644	proteomics_log	123584	123637	+	2	3	Q.FPTVSMGLGPIGAIYQAK.F	22
PLOG+645	proteomics_log	123683	123736	+	2	8	K.QTVYAFLGDGEMDEPESK.G	22
PLOG+646	proteomics_log	123737	123760	+	2	14	K.GAITIATR.E	12
PLOG+647	proteomics_log	123809	123838	+	2	4	R.LDGPVTGNGK.I	14
PLOG+648	proteomics_log	123809	123892	+	2	55	R.LDGPVTGNGKIINELEGIFEGAGWNVIK.V	32
PLOG+649	proteomics_log	123839	123892	+	2	57	K.IINELEGIFEGAGWNVIK.V	22
PLOG+650	proteomics_log	123929	123997	+	2	2	R.KDTSGKLIQLMNETVDGDYQTFK.S	27
PLOG+651	proteomics_log	123947	123997	+	2	12	K.LIQLMNETVDGDYQTFK.S	21
PLOG+652	proteomics_log	124022	124102	+	2	7	R.EHFFGKYPETAALVADWTDEQIWALNR.G	31
PLOG+653	proteomics_log	124160	124228	+	2	4	K.GKATVILAHTIKGYGMGDAAEKG.N	27
PLOG+654	proteomics_log	124160	124228	+	2	4	K.GKATVILAHTIKGYGM*GDAAEKG.N	28
PLOG+655	proteomics_log	124160	124195	+	2	28	K.GKATVILAHTIK.G	16
PLOG+656	proteomics_log	124166	124249	+	2	2	K.ATVILAHTIKGYGMGDAAEKNIHQVK.K	32
PLOG+657	proteomics_log	124166	124228	+	2	5	K.ATVILAHTIKGYGMGDAAEKG.N	25
PLOG+658	proteomics_log	124166	124195	+	2	7	K.ATVILAHTIK.G	14
PLOG+659	proteomics_log	124196	124228	+	2	3	K.GYGM*GDAAEKG.N	16
PLOG+660	proteomics_log	124196	124228	+	2	4	K.GYGMGDAAEKG.N	15
PLOG+661	proteomics_log	124229	124252	+	2	19	K.NIAHQVKK.M	12
PLOG+662	proteomics_log	124283	124384	+	2	3	R.DRFNVVPSDADIEKLPYITFPEGSEEHTYLHAQR.Q	38
PLOG+663	proteomics_log	124289	124384	+	2	5	R.FNVVPSDADIEKLPYITFPEGSEEHTYLHAQR.Q	36
PLOG+664	proteomics_log	124415	124519	+	2	49	R.QPNFTEKLELPSLQDFGALLEEQSKEISTTIAFVR.A	39
PLOG+665	proteomics_log	124436	124519	+	2	87	K.LELPSLQDFGALLEEQSKEISTTIAFVR.A	32
PLOG+666	proteomics_log	124520	124546	+	2	3	R.ALNVM*LKNK.S	14
PLOG+667	proteomics_log	124520	124591	+	2	6	R.ALNVM*LKNKSIKDRLVPIIADEAR.T	29
PLOG+668	proteomics_log	124520	124546	+	2	13	R.ALNVMLKNK.S	13
PLOG+669	proteomics_log	124520	124591	+	2	41	R.ALNVMLKNKSIKDRLVPIIADEAR.T	28
PLOG+670	proteomics_log	124547	124618	+	2	2	K.SIKDRLVPIIADEARTFGM*EGLFR.Q	29
PLOG+671	proteomics_log	124547	124618	+	2	3	K.SIKDRLVPIIADEARTFGMEGLFR.Q	28
PLOG+672	proteomics_log	124547	124591	+	2	42	K.SIKDRLVPIIADEAR.T	19
PLOG+673	proteomics_log	124562	124618	+	2	4	R.LVPPIADEARTFGMEGLFR.Q	23
PLOG+674	proteomics_log	124562	124591	+	2	16	R.LVPPIADEAR.T	14
PLOG+675	proteomics_log	124568	124591	+	2	4	V.PPIADEAR.T	12
PLOG+676	proteomics_log	124592	124618	+	2	79	R.TFGMEGLFR.Q	13
PLOG+677	proteomics_log	124619	124669	+	2	5	R.QIGIYSPNGQQYTPQDR.E	21
PLOG+678	proteomics_log	124880	124909	+	2	41	R.GFLIGGTSGR.T	14
PLOG+679	proteomics_log	125063	125152	+	2	2	K.QENYYYYITTLNENYHMPAMPEGAEEGIRK.G	34
PLOG+680	proteomics_log	125063	125149	+	2	4	K.QENYYYYITTLNENYHMPAMPEGAEEGIR.K	33
PLOG+681	proteomics_log	125153	125188	+	2	7	K.GIYKLETIEGSK.G	16
PLOG+682	proteomics_log	125153	125227	+	2	7	K.GIYKLETIEGSKGKGVQLLGSILR.H	29
PLOG+683	proteomics_log	125189	125227	+	2	41	K.GKVQLLGSILR.H	17
PLOG+684	proteomics_log	125195	125227	+	2	96	K.VQLLGSILR.H	15
PLOG+685	proteomics_log	125228	125260	+	2	3	R.HVREAAEILAK.D	15
PLOG+686	proteomics_log	125228	125317	+	2	40	R.HVREAAEILAKDYGVGSDVYSVTSFTELAR.D	34

PLOG+687	proteomics_log	125237	125317	+	2	43	R.EAAEILAKDYGVGSDVYSVTSFTELAR.D	31
PLOG+688	proteomics_log	125261	125317	+	2	24	K.DYGVGSDVYSVTSFTELAR.D	23
PLOG+689	proteomics_log	125339	125371	+	2	5	R.WNMLHPLETTPR.V	15
PLOG+690	proteomics_log	125339	125434	+	2	9	R.WNMLHPLETTPRVPIAQVMNDAPAVASTDYMK.L	36
PLOG+691	proteomics_log	125372	125455	+	2	3	R.VPIAQVMNDAPAVASTDYMKLFAEQVR.T	32
PLOG+692	proteomics_log	125456	125482	+	2	3	R.TYVPADDYR.V	13
PLOG+693	proteomics_log	125456	125509	+	2	5	R.TYVPADDYRVLGTDGFGR.S	22
PLOG+694	proteomics_log	125510	125593	+	2	35	R.SDSRENLRHHFEVDASYVVVAALGELAK.R	32
PLOG+695	proteomics_log	125522	125593	+	2	9	R.ENLRHHFEVDASYVVVAALGELAK.R	28
PLOG+696	proteomics_log	125534	125596	+	2	4	R.HHFEVDASYVVVAALGELAKR.G	25
PLOG+697	proteomics_log	125534	125593	+	2	25	R.HHFEVDASYVVVAALGELAK.R	24
PLOG+698	proteomics_log	125594	125638	+	2	15	K.RGEIDKKVVADAIK.F	19
PLOG+699	proteomics_log	125594	125671	+	2	27	K.RGEIDKKVVADAIKFNIDADKVNPR.L	30
PLOG+700	proteomics_log	125597	125671	+	2	2	R.GEIDKKVVADAIKFNIDADKVNPR.L	29
PLOG+701	proteomics_log	125615	125677	+	2	2	K.VVADAIKFNIDADKVNPRLA.-	25
PLOG+702	proteomics_log	125615	125671	+	2	78	K.VVADAIKFNIDADKVNPR.L	23
PLOG+703	proteomics_log	125639	125677	+	2	2	K.FNIDADKVNPRLA.-	17
PLOG+704	proteomics_log	125639	125671	+	2	123	K.FNIDADKVNPR.L	15
PLOG+705	proteomics_log	125698	125763	+	1	73	M.AIEIKVPDIGADEVEITEILVK.V	26
PLOG+706	proteomics_log	125713	125763	+	1	2	K.VPDIGADEVEITEILVK.V	21
PLOG+707	proteomics_log	125968	126012	+	1	4	K.KEAAPAAAPAAAAK.D	19
PLOG+708	proteomics_log	126013	126072	+	1	4	K.DVNVPDIGSDEVEVEITEILVK.V	24
PLOG+709	proteomics_log	126268	126315	+	1	9	K.QEAAPAAAPAPAAGVK.E	20
PLOG+710	proteomics_log	126505	126600	+	1	4	K.TGSLIMIFEVEGAAPAAAPAKQEAAPAPAAK.A	36
PLOG+711	proteomics_log	126577	126645	+	1	28	A.AAPAPAAKAEAPAAAPAAKAEKGK.S	27
PLOG+712	proteomics_log	126601	126633	+	1	26	K.AEAPAAAPAAK.A	15
PLOG+713	proteomics_log	126601	126645	+	1	82	K.AEAPAAAPAAKAEKGK.S	19
PLOG+714	proteomics_log	126634	126699	+	1	46	K.AEGKSEFAENDAYVHATPLIRR.L	26
PLOG+715	proteomics_log	126634	126696	+	1	128	K.AEGKSEFAENDAYVHATPLIR.R	25
PLOG+716	proteomics_log	126646	126699	+	1	22	K.SEFAENDAYVHATPLIRR.L	22
PLOG+717	proteomics_log	126646	126696	+	1	40	K.SEFAENDAYVHATPLIR.R	21
PLOG+718	proteomics_log	126697	126732	+	1	2	R.RLAREFGVNLAK.V	16
PLOG+719	proteomics_log	126700	126759	+	1	2	R.LAREFGVNLAKVKGTGRKGR.I	24
PLOG+720	proteomics_log	126700	126750	+	1	6	R.LAREFGVNLAKVKGTGR.K	21
PLOG+721	proteomics_log	126700	126732	+	1	159	R.LAREFGVNLAK.V	15
PLOG+722	proteomics_log	126709	126750	+	1	8	R.EFGVNLAKVKGTGR.K	18
PLOG+723	proteomics_log	126709	126732	+	1	23	R.EFGVNLAK.V	12
PLOG+724	proteomics_log	126760	126810	+	1	2	R.ILREDVQAYVKEAIKRA.E	21
PLOG+725	proteomics_log	126760	126867	+	1	4	R.ILREDVQAYVKEAIKRAEAPAAATGGGIPGMLPWP.V	40
PLOG+726	proteomics_log	126760	126804	+	1	28	R.ILREDVQAYVKEAIK.R	19
PLOG+727	proteomics_log	126760	126792	+	1	122	R.ILREDVQAYVK.E	15
PLOG+728	proteomics_log	126760	126807	+	1	169	R.ILREDVQAYVKEAIKR.A	20
PLOG+729	proteomics_log	126808	126867	+	1	52	R.AEAAPAAATGGGIPGMLPWP.V	24
PLOG+730	proteomics_log	126868	126948	+	1	2	K.VDFSKFGEIEEVELGRIQKISGANLSR.N	31
PLOG+731	proteomics_log	126868	126942	+	1	5	K.VDFSKFGEIEEVELGRIQKISGANL.S	29
PLOG+732	proteomics_log	126868	126924	+	1	37	K.VDFSKFGEIEEVELGRIQK.I	23



PLOG+733	proteomics_log	126868	126915	+	1	184	K.VDFSKFGEIEEVELGR.I	20
PLOG+734	proteomics_log	126883	126924	+	1	7	K.FGEIEEVELGRIQK.I	18
PLOG+735	proteomics_log	126883	126948	+	1	14	K.FGEIEEVELGRIQKISGANLSR.N	26
PLOG+736	proteomics_log	126883	126915	+	1	105	K.FGEIEEVELGR.I	15
PLOG+737	proteomics_log	126916	126948	+	1	27	R.IQKISGANLSR.N	15
PLOG+738	proteomics_log	126925	126948	+	1	11	K.ISGANLSR.N	12
PLOG+739	proteomics_log	126949	127017	+	1	7	R.NWVMIPHVTHFDKTDITELEAFR.K	27
PLOG+740	proteomics_log	126949	127020	+	1	55	R.NWVMIPHVTHFDKTDITELEAFRK.Q	28
PLOG+741	proteomics_log	127048	127089	+	1	3	R.KLDVKITPVVFIM*K.A	19
PLOG+742	proteomics_log	127048	127122	+	1	23	R.KLDVKITPVVFIMKAVAAALEQMPR.F	29
PLOG+743	proteomics_log	127048	127089	+	1	76	R.KLDVKITPVVFIMK.A	18
PLOG+744	proteomics_log	127051	127089	+	1	2	K.LDVKITPVVFIMK.A	17
PLOG+745	proteomics_log	127051	127122	+	1	10	K.LDVKITPVVFIMKAVAAALEQMPR.F	28
PLOG+746	proteomics_log	127063	127122	+	1	2	K.ITPVVFIM*KAVAAALEQMPR.F	25
PLOG+747	proteomics_log	127063	127089	+	1	2	K.ITPVVFIMK.A	13
PLOG+748	proteomics_log	127063	127122	+	1	3	K.ITPVVFIMKAVAAALEQM*PR.F	25
PLOG+749	proteomics_log	127063	127122	+	1	2	K.ITPVVFIM*KAVAAALEQM*PR.F	26
PLOG+750	proteomics_log	127063	127122	+	1	21	K.ITPVVFIMKAVAAALEQMPR.F	24
PLOG+751	proteomics_log	127090	127122	+	1	9	K.AVAAALEQM*PR.F	16
PLOG+752	proteomics_log	127090	127122	+	1	232	K.AVAAALEQMPR.F	15
PLOG+753	proteomics_log	127099	127170	+	1	5	A.AALEQM*PRFNSSLSEDGQRLTLKK.Y	29
PLOG+754	proteomics_log	127123	127167	+	1	17	R.FNSSLSEDGQRLTLK.K	19
PLOG+755	proteomics_log	127123	127170	+	1	38	R.FNSSLSEDGQRLTLKK.Y	20
PLOG+756	proteomics_log	127123	127155	+	1	62	R.FNSSLSEDGQR.L	15
PLOG+757	proteomics_log	127168	127245	+	1	3	K.KYINIGVAVDTPNGLVVPVFKDVNKK.G	30
PLOG+758	proteomics_log	127171	127287	+	1	2	K.YINIGVAVDTPNGLVVPVFKDVNKKGIIELSRELMTISK.K	43
PLOG+759	proteomics_log	127171	127230	+	1	5	K.YINIGVAVDTPNGLVVPVFK.D	24
PLOG+760	proteomics_log	127171	127266	+	1	12	K.YINIGVAVDTPNGLVVPVFKDVNKKGIIELSR.E	36
PLOG+761	proteomics_log	127171	127245	+	1	81	K.YINIGVAVDTPNGLVVPVFKDVNKK.G	29
PLOG+762	proteomics_log	127243	127266	+	1	2	K.KGIIELSR.E	12
PLOG+763	proteomics_log	127246	127290	+	1	2	K.GIIELSRELMTISKK.A	19
PLOG+764	proteomics_log	127246	127287	+	1	6	K.GIIELSRELMTISK.K	18
PLOG+765	proteomics_log	127267	127287	+	1	2	R.ELMTISK.K	11
PLOG+766	proteomics_log	127267	127296	+	1	2	R.ELM*TISKKAR.D	15
PLOG+767	proteomics_log	127267	127296	+	1	3	R.ELMTISKKAR.D	14
PLOG+768	proteomics_log	127297	127332	+	1	2	R.DGKLTAGEM*QGG.C	17
PLOG+769	proteomics_log	127426	127470	+	1	5	K.SAM*EPVWNGKEFVPR.L	20
PLOG+770	proteomics_log	127426	127470	+	1	171	K.SAMEPVWNGKEFVPR.L	19
PLOG+771	proteomics_log	127471	127533	+	1	6	R.LM*LPISLSFDHRVIDGADGAR.F	26
PLOG+772	proteomics_log	127471	127506	+	1	18	R.LM*LPISLSFDHR.V	17
PLOG+773	proteomics_log	127471	127533	+	1	134	R.LMLPISLSFDHRVIDGADGAR.F	25
PLOG+774	proteomics_log	127471	127506	+	1	135	R.LMLPISLSFDHR.V	16
PLOG+775	proteomics_log	127480	127506	+	1	5	L.PISLSFDHR.V	13
PLOG+776	proteomics_log	127507	127575	+	1	2	R.VIDGADGARFITIINNTLSDIRR.L	27
PLOG+777	proteomics_log	127507	127533	+	1	26	R.VIDGADGAR.F	13
PLOG+778	proteomics_log	127534	127584	+	1	7	R.FITIIINNTLSDIRRLVM.-	21

PLOG+779	proteomics_log	127534	127563	+	1	68	R.FITIINNTLS.D	14
PLOG+780	proteomics_log	127534	127575	+	1	76	R.FITIINNTLSDIRR.L	18
PLOG+781	proteomics_log	127534	127572	+	1	220	R.FITIINNTLSDIR.R	17
PLOG+782	proteomics_log	127915	127983	+	1	379	M.STEIKTQVVVLGAGPAGYSAEFR.C	27
PLOG+783	proteomics_log	127930	127983	+	1	221	K.TQVVVLGAGPAGYSAEFR.C	22
PLOG+784	proteomics_log	128074	128172	+	1	5	K.ALLHVAKVIEEAKALAEHGIVFGPEKTDIDKIR.T	37
PLOG+785	proteomics_log	128074	128112	+	1	64	K.ALLHVAKVIEEAK.A	17
PLOG+786	proteomics_log	128074	128151	+	1	69	K.ALLHVAKVIEEAKALAEHGIVFGPEK.T	30
PLOG+787	proteomics_log	128083	128172	+	1	3	L.HVAKVIEEAKALAEHGIVFGPEKTDIDKIR.T	34
PLOG+788	proteomics_log	128095	128229	+	1	3	K.VIEEAKALAEHGIVFGPEKTDIDKIRTWKEKVINQLTGGLAGM*AK.G	50
PLOG+789	proteomics_log	128095	128172	+	1	65	K.VIEEAKALAEHGIVFGPEKTDIDKIR.T	30
PLOG+790	proteomics_log	128095	128151	+	1	95	K.VIEEAKALAEHGIVFGPEK.T	23
PLOG+791	proteomics_log	128113	128187	+	1	3	K.ALAEHGIVFGPEKTDIDKIRTWKEK.V	29
PLOG+792	proteomics_log	128113	128151	+	1	26	K.ALAEHGIVFGPEK.T	17
PLOG+793	proteomics_log	128113	128172	+	1	96	K.ALAEHGIVFGPEKTDIDKIR.T	24
PLOG+794	proteomics_log	128152	128229	+	1	33	K.TDIDKIRTWKEKVINQLTGGLAGMAK.G	30
PLOG+795	proteomics_log	128173	128229	+	1	8	R.TWKEKVINQLTGGLAGM*AK.G	24
PLOG+796	proteomics_log	128173	128229	+	1	195	R.TWKEKVINQLTGGLAGMAK.G	23
PLOG+797	proteomics_log	128182	128229	+	1	37	K.EKVINQLTGGLAGMAK.G	20
PLOG+798	proteomics_log	128188	128217	+	1	4	K.VINQLTGGLA.G	14
PLOG+799	proteomics_log	128188	128229	+	1	48	K.VINQLTGGLAGM*AK.G	19
PLOG+800	proteomics_log	128188	128229	+	1	276	K.VINQLTGGLAGMAK.G	18
PLOG+801	proteomics_log	128230	128265	+	1	3	K.GRKVKVNVNGLGK.F	16
PLOG+802	proteomics_log	128239	128265	+	1	7	K.VKVVNGLGK.F	13
PLOG+803	proteomics_log	128266	128310	+	1	10	K.FTGANTLEVEGENGK.T	19
PLOG+804	proteomics_log	128311	128442	+	1	2	K.TVINFDNAIIAAGSRPIQLPFIHPEDPRIWDSTDALELKEVPER.L	48
PLOG+805	proteomics_log	128311	128394	+	1	22	K.TVINFDNAIIAAGSRPIQLPFIHPEDPR.I	32
PLOG+806	proteomics_log	128395	128427	+	1	25	R.IWDSTDALELK.E	15
PLOG+807	proteomics_log	128395	128442	+	1	29	R.IWDSTDALELKEVPER.L	20
PLOG+808	proteomics_log	128443	128571	+	1	161	R.LLVMGGGIIGLEMGTVYHALGSQIDVVEMFDQVIPAADKDIVK.V	47
PLOG+809	proteomics_log	128587	128622	+	1	10	R.ISKKFNL*LETK.V	17
PLOG+810	proteomics_log	128587	128622	+	1	239	R.ISKKFNL*LETK.V	16
PLOG+811	proteomics_log	128596	128622	+	1	7	K.KFNL*LETK.V	13
PLOG+812	proteomics_log	128599	128622	+	1	2	K.FNL*LETK.V	13
PLOG+813	proteomics_log	128599	128622	+	1	11	K.FNL*LETK.V	12
PLOG+814	proteomics_log	128623	128676	+	1	10	K.VTAVEAKEDGIYVTM*EGK.K	23
PLOG+815	proteomics_log	128623	128643	+	1	11	K.VTAVEAK.E	11
PLOG+816	proteomics_log	128623	128676	+	1	186	K.VTAVEAKEDGIYVTMEGK.K	22
PLOG+817	proteomics_log	128644	128676	+	1	5	K.EDGIYVTM*EGK.K	16
PLOG+818	proteomics_log	128644	128676	+	1	21	K.EDGIYVTMEGK.K	15
PLOG+819	proteomics_log	128677	128799	+	1	2	K.KAPAEPQRYDAVLVAIGRVPNGKNLDAGKAGVEVDDRGFIR.V	45
PLOG+820	proteomics_log	128677	128763	+	1	3	K.KAPAEPQRYDAVLVAIGRVPNGKNLDAGK.A	33
PLOG+821	proteomics_log	128677	128730	+	1	17	K.KAPAEPQRYDAVLVAIGR.V	22
PLOG+822	proteomics_log	128677	128745	+	1	128	K.KAPAEPQRYDAVLVAIGRVPNGK.N	27
PLOG+823	proteomics_log	128746	128787	+	1	12	K.NLDAGKAGVEVDDR.G	18
PLOG+824	proteomics_log	128764	128787	+	1	9	K.AGVEVDDR.G	12

PLOG+825	proteomics_log	128788	128817	+	1	4	R.GFIRVDKQLR.T	14
PLOG+826	proteomics_log	128818	128925	+	1	8	R.TNVPHIFAIGDIVGQPM*LAHKGVHEGHVAAEVIAGK.K	41
PLOG+827	proteomics_log	128818	128925	+	1	10	R.TNVPHIFAIGDIVGQPLAHKGVHEGHVAAEVIAGK.K	40
PLOG+828	proteomics_log	128818	128880	+	1	51	R.TNVPHIFAIGDIVGQPM*LAHK.G	26
PLOG+829	proteomics_log	128818	128880	+	1	225	R.TNVPHIFAIGDIVGQPLAHK.G	25
PLOG+830	proteomics_log	128881	128946	+	1	33	K.GVHEGHVAAEVIAGKKHYFDPK.V	26
PLOG+831	proteomics_log	128881	128928	+	1	41	K.GVHEGHVAAEVIAGKK.H	20
PLOG+832	proteomics_log	128881	128925	+	1	54	K.GVHEGHVAAEVIAGK.K	19
PLOG+833	proteomics_log	128920	129006	+	1	36	A.GKKHYFDPKVIPSIAYTEPEVAWVGLTEK.E	33
PLOG+834	proteomics_log	128947	129015	+	1	22	K.VIPSIAYTEPEVAWVGLTEKEAK.E	27
PLOG+835	proteomics_log	128947	129069	+	1	34	K.VIPSIAYTEPEVAWVGLTEKEAKEKGISYETATFPWAASGR.A	45
PLOG+836	proteomics_log	128947	129006	+	1	112	K.VIPSIAYTEPEVAWVGLTEK.E	24
PLOG+837	proteomics_log	128953	129006	+	1	2	I.PSIAYTEPEVAWVGLTEK.E	22
PLOG+838	proteomics_log	129016	129069	+	1	118	K.EKGISYETATFPWAASGR.A	22
PLOG+839	proteomics_log	129022	129069	+	1	273	K.GISYETATFPWAASGR.A	20
PLOG+840	proteomics_log	129070	129132	+	1	2	R.AIASDCADGMTKLIFDKESHR.V	25
PLOG+841	proteomics_log	129070	129105	+	1	7	R.AIASDCADGMTK.L	16
PLOG+842	proteomics_log	129106	129132	+	1	61	K.LIFDKESHR.V	13
PLOG+843	proteomics_log	131651	131719	+	2	4	R.AAEGIAPKPLDANQMAALVELLK.N	27
PLOG+844	proteomics_log	131693	131806	+	2	3	Q.MAALVELLKNPPAGEEEFLDLLTNRVPPGVDEAAYVK.A	42
PLOG+845	proteomics_log	131807	131944	+	2	4	K.AGFLAAIAKGEAKSPLLTPEKAIELLGTM*QGGYNIHPLIDALDDAK.L	51
PLOG+846	proteomics_log	131807	131833	+	2	9	K.AGFLAAIAK.G	13
PLOG+847	proteomics_log	131807	131845	+	2	11	K.AGFLAAIAKGEAK.S	17
PLOG+848	proteomics_log	131846	131869	+	2	2	K.SPLLTPEK.A	12
PLOG+849	proteomics_log	131846	131965	+	2	3	K.SPLLTPEKAIELLGTM*QGGYNIHPLIDALDDAKLAPIAAK.A	45
PLOG+850	proteomics_log	131846	131944	+	2	3	K.SPLLTPEKAIELLGTM*QGGYNIHPLIDALDDAK.L	38
PLOG+851	proteomics_log	131846	131965	+	2	23	K.SPLLTPEKAIELLGTMQGGYNIHPLIDALDDAKLAPIAAK.A	44
PLOG+852	proteomics_log	131846	131944	+	2	70	K.SPLLTPEKAIELLGTMQGGYNIHPLIDALDDAK.L	37
PLOG+853	proteomics_log	131870	131965	+	2	14	K.AIELLGTMQGGYNIHPLIDALDDAKLAPIAAK.A	36
PLOG+854	proteomics_log	131870	131944	+	2	25	K.AIELLGTMQGGYNIHPLIDALDDAK.L	29
PLOG+855	proteomics_log	131876	131965	+	2	8	I.ELLGTMQGGYNIHPLIDALDDAKLAPIAAK.A	34
PLOG+856	proteomics_log	131945	132019	+	2	2	K.LAPIAAKALSHTLLMFDNFYDVEEK.A	29
PLOG+857	proteomics_log	131966	132019	+	2	13	K.ALSHTLLM*FDNFYDVEEK.A	23
PLOG+858	proteomics_log	131966	132046	+	2	68	K.ALSHTLLMFDNFYDVEEKAKAGNEYAK.Q	31
PLOG+859	proteomics_log	131966	132025	+	2	99	K.ALSHTLLMFDNFYDVEEKAK.A	24
PLOG+860	proteomics_log	131966	132019	+	2	106	K.ALSHTLLMFDNFYDVEEK.A	22
PLOG+861	proteomics_log	132047	132130	+	2	10	K.QVMQSWADAEWFLNRPALAEKLTVTVK.V	32
PLOG+862	proteomics_log	132047	132109	+	2	41	K.QVMQSWADAEWFLNRPALAEK.L	25
PLOG+863	proteomics_log	132131	132223	+	2	129	K.VTGETNTDDLSPAPDAWSRPDIPLHALAMLK.N	35
PLOG+864	proteomics_log	132224	132277	+	2	2	K.NAREGIEPDQPGVVGPIK.Q	22
PLOG+865	proteomics_log	132224	132301	+	2	106	K.NAREGIEPDQPGVVGPIKQIEALQQK.G	30
PLOG+866	proteomics_log	132233	132301	+	2	5	R.EGIEPDQPGVVGPIKQIEALQQK.G	27
PLOG+867	proteomics_log	132233	132352	+	2	5	R.EGIEPDQPGVVGPIKQIEALQQKGFPLAYVGDVVGTSR.K	44
PLOG+868	proteomics_log	132233	132277	+	2	7	R.EGIEPDQPGVVGPIK.Q	19
PLOG+869	proteomics_log	132302	132355	+	2	72	K.GFPLAYVGDVVGTSR.K	22
PLOG+870	proteomics_log	132302	132352	+	2	285	K.GFPLAYVGDVVGTSR.K	21

PLOG+871	proteomics_log	132353	132418	+	2	9	R.KSATNSVLWFM*GDDIPHPNKR.G	27
PLOG+872	proteomics_log	132353	132418	+	2	63	R.KSATNSVLWFMGDDIPHPNKR.G	26
PLOG+873	proteomics_log	132356	132418	+	2	82	K.SATNSVLWFMGDDIPHPNKR.G	25
PLOG+874	proteomics_log	132446	132565	+	2	3	K.IAPIFFNTMEDAGALPIEVDVSNLNM*GDVIDVYPYKGEVR.N	45
PLOG+875	proteomics_log	132446	132565	+	2	3	K.IAPIFFNTM*EDAGALPIEVDVSNLNM*GDVIDVYPYKGEVR.N	46
PLOG+876	proteomics_log	132446	132565	+	2	123	K.IAPIFFNTMEDAGALPIEVDVSNLNMGDVIDVYPYKGEVR.N	44
PLOG+877	proteomics_log	132566	132667	+	2	19	R.NHETGELLATFELKTDVLIDEVRAGGRIPLIIGR.G	38
PLOG+878	proteomics_log	132566	132607	+	2	29	R.NHETGELLATFELK.T	18
PLOG+879	proteomics_log	132566	132634	+	2	72	R.NHETGELLATFELKTDVLIDEVR.A	27
PLOG+880	proteomics_log	132608	132634	+	2	34	K.TDVLIDEVR.A	13
PLOG+881	proteomics_log	132635	132667	+	2	110	R.AGGRIPLIIGR.G	15
PLOG+882	proteomics_log	132668	132724	+	2	16	R.GLTTKAREALGLPHSDVFR.Q	23
PLOG+883	proteomics_log	132683	132724	+	2	85	K.AREALGLPHSDVFR.Q	18
PLOG+884	proteomics_log	132689	132733	+	2	4	R.EALGLPHSDVFRQAK.D	19
PLOG+885	proteomics_log	132689	132775	+	2	30	R.EALGLPHSDVFRQAKDVAESDRGFSLAQK.M	33
PLOG+886	proteomics_log	132689	132724	+	2	41	R.EALGLPHSDVFR.Q	16
PLOG+887	proteomics_log	132725	132787	+	2	11	R.QAKDVAESDRGFSLAQKMVGR.A	25
PLOG+888	proteomics_log	132725	132775	+	2	51	R.QAKDVAESDRGFSLAQK.M	21
PLOG+889	proteomics_log	132734	132787	+	2	19	K.DVAESDRGFSLAQKMVGR.A	22
PLOG+890	proteomics_log	132734	132775	+	2	89	K.DVAESDRGFSLAQK.M	18
PLOG+891	proteomics_log	132836	132880	+	2	3	K.MTSVGSQDTTGPM*TR.D	20
PLOG+892	proteomics_log	132836	132880	+	2	3	K.M*TSVGSQDTTGPM*TR.D	21
PLOG+893	proteomics_log	132836	132880	+	2	19	K.MTSVGSQDTTGPMTR.D	19
PLOG+894	proteomics_log	133016	133069	+	2	343	R.GGVSLRPGDGVHISWLN.R	22
PLOG+895	proteomics_log	133118	133219	+	2	5	R.FPIGISFPAGSGLVAFAAATGVMLDMPESVLVR.F	38
PLOG+896	proteomics_log	133232	133318	+	2	4	K.MQPGITLRDLVHAIPLYAIKQGLLVEKK.G	33
PLOG+897	proteomics_log	133232	133291	+	2	8	K.M*QPGITLRDLVHAIPLYAIK.Q	25
PLOG+898	proteomics_log	133232	133315	+	2	40	K.MQPGITLRDLVHAIPLYAIKQGLLVEK.K	32
PLOG+899	proteomics_log	133232	133291	+	2	47	K.MQPGITLRDLVHAIPLYAIK.Q	24
PLOG+900	proteomics_log	133256	133315	+	2	31	R.DLVHAIPLYAIKQGLLVEK.K	24
PLOG+901	proteomics_log	133256	133318	+	2	44	R.DLVHAIPLYAIKQGLLVEKK.G	25
PLOG+902	proteomics_log	133256	133291	+	2	129	R.DLVHAIPLYAIK.Q	16
PLOG+903	proteomics_log	133292	133345	+	2	2	K.QGLLVEKKGKKNIFSGR.I	22
PLOG+904	proteomics_log	133346	133378	+	2	88	R.ILEIEGLPDLK.V	15
PLOG+905	proteomics_log	133346	133420	+	2	221	R.ILEIEGLPDLKVEQAFELTDASAER.S	29
PLOG+906	proteomics_log	133379	133420	+	2	10	K.VEQAFELTDASAER.S	18
PLOG+907	proteomics_log	133445	133498	+	2	53	K.LNKEPIIEYLNINIVLLK.W	22
PLOG+908	proteomics_log	133769	133840	+	2	18	R.AAGKLLDAHKGQLPTRLVWVAPPTR.M	28
PLOG+909	proteomics_log	133769	133816	+	2	75	R.AAGKLLDAHKGQLPTR.L	20
PLOG+910	proteomics_log	133781	133840	+	2	13	K.LLDAHKGQLPTRLVWVAPPTR.M	24
PLOG+911	proteomics_log	133781	133816	+	2	133	K.LLDAHKGQLPTR.L	16
PLOG+912	proteomics_log	133817	133891	+	2	9	R.LWVAPPTRMDAAQLTEEGYYSVFGK.S	29
PLOG+913	proteomics_log	133841	133903	+	2	5	R.MDAAQLTEEGYYSVFGKSGAR.I	25
PLOG+914	proteomics_log	133841	133891	+	2	6	R.M*DAAQLTEEGYYSVFGK.S	22
PLOG+915	proteomics_log	133841	133891	+	2	282	R.MDAAQLTEEGYYSVFGK.S	21
PLOG+916	proteomics_log	133949	133987	+	2	196	R.VADGATVVSTSTR.N	17

PLOG+917	proteomics_log	133988	134119	+	2	3	R.NFPNRLGTGANVFLASAELA AAVAALIGKLPTPEEYQTYVAQVDK.T	48
PLOG+918	proteomics_log	134003	134140	+	2	5	R.LGTGANVFLASAELA AAVAALIGKLPTPEEYQTYVAQVDKTAVDTYR.Y	50
PLOG+919	proteomics_log	134003	134071	+	2	9	R.LGTGANVFLASAELA AAVAALIGK.L	27
PLOG+920	proteomics_log	134003	134119	+	2	11	R.LGTGANVFLASAELA AAVAALIGKLPTPEEYQTYVAQVDK.T	43
PLOG+921	proteomics_log	134108	134140	+	2	2	A.QVDKTAVDTYR.Y	15
PLOG+922	proteomics_log	134141	134209	+	2	53	R.YLNFNQLSQYTEKADGVIFQTAV.-	27
PLOG+923	proteomics_log	134141	134179	+	2	99	R.YLNFNQLSQYTEK.A	17
PLOG+924	proteomics_log	134180	134209	+	2	10	K.ADGVIFQTAV.-	14
PLOG+925	proteomics_log	134388	134435	+	3	3	T.MDYEFRLDITGVVKVR.M	20
PLOG+926	proteomics_log	134436	134549	+	3	2	R.MSMGHEVVGHWVFNEEVKENLALLDEVEQA AHALKGSER.S	42
PLOG+927	proteomics_log	137167	137217	+	1	56	A.AERPTLPIDLLTTDAR.N	21
PLOG+928	proteomics_log	137224	137268	+	1	19	R.IQLTIGAGQSTFGGK.T	19
PLOG+929	proteomics_log	137269	137319	+	1	5	K.TATTWGYNGNLLGPAVK.L	21
PLOG+930	proteomics_log	137533	137604	+	1	8	R.QVAMGLAGLVVIEDDEILKLMLPK.Q	28
PLOG+931	proteomics_log	137809	137922	+	1	24	R.SLNFATSDNRPLYVIASDGGLLPEPVKSELVLMGER.F	42
PLOG+932	proteomics_log	138037	138132	+	1	10	R.IQP IASASGALPDTLSSLPALPSLEGLTVRK.L	36
PLOG+933	proteomics_log	138037	138129	+	1	151	R.IQP IASASGALPDTLSSLPALPSLEGLTVR.K	35
PLOG+934	proteomics_log	138130	138192	+	1	3	R.KLQLSMDPMLDMMGMQMLMEK.Y	25
PLOG+935	proteomics_log	138376	138441	+	1	2	R.WVISGVGDM*M*LHPFHIHGTQFR.I	28
PLOG+936	proteomics_log	138376	138441	+	1	10	R.WVISGVGDMMLHPFHIHGTQFR.I	26
PLOG+937	proteomics_log	138442	138480	+	1	43	R.ILSENGKPPAAHR.A	17
PLOG+938	proteomics_log	141431	141475	+	2	2	D.MKHTVEVM* IPEAEIK.A	20
PLOG+939	proteomics_log	141431	141481	+	2	3	D.M*KHTVEVM* IPEAEIKAR.I	23
PLOG+940	proteomics_log	141431	141475	+	2	2	D.M*KHTVEVM* IPEAEIK.A	21
PLOG+941	proteomics_log	141431	141475	+	2	12	D.MKHTVEVM IPEAEIK.A	19
PLOG+942	proteomics_log	141431	141481	+	2	32	D.MKHTVEVM IPEAEIKAR.I	21
PLOG+943	proteomics_log	141515	141559	+	2	73	R.YKDSGSDMVLVGLLR.G	19
PLOG+944	proteomics_log	141674	141766	+	2	3	K.ILKDLDEDIRGKDV LIVED IIDSGNTLSKVR.E	35
PLOG+945	proteomics_log	141674	141760	+	2	77	K.ILKDLDEDIRGKDV LIVED IIDSGNTLSK.V	33
PLOG+946	proteomics_log	141683	141760	+	2	3	K.DLDEDIRGKDV LIVED IIDSGNTLSK.V	30
PLOG+947	proteomics_log	141704	141760	+	2	5	R.GKDV LIVED IIDSGNTLSK.V	23
PLOG+948	proteomics_log	141710	141760	+	2	2	K.DV LIVED IIDSGNTLSK.V	21
PLOG+949	proteomics_log	141761	141793	+	2	2	K.VREILSLREPK.S	15
PLOG+950	proteomics_log	141767	141793	+	2	3	R.EILSLREPK.S	13
PLOG+951	proteomics_log	141836	141919	+	2	49	R.EVNV PV EFIGFSIPDEFVVG YGIDYAQR.Y	32
PLOG+952	proteomics_log	141920	141964	+	2	4	R.YRHLPYIGKVILLDE.-	19
PLOG+953	proteomics_log	141926	141946	+	2	3	R.HLPYIGK.V	11
PLOG+954	proteomics_log	143013	143108	+	3	2	R.QLGLVPQEFNFNPFETVQQIVVNQAGYYGVER.K	36
PLOG+955	proteomics_log	143637	143702	+	3	5	R.NKANRLEELFVSLVNEKQGDRA.-	26
PLOG+956	proteomics_log	143637	143687	+	3	6	R.NKANRLEELFVSLVNEK.Q	21
PLOG+957	proteomics_log	165864	165941	+	3	2	R.LLQQQQ IIDQELYDMLSARPLGVQPR.G	30
PLOG+958	proteomics_log	166245	166304	+	3	2	R.RSIGSLAKPATYLTALSQPK.I	24
PLOG+959	proteomics_log	167583	167675	+	3	7	A.AVEPKEDTITVTAAPAPQESAWGPAATIAAR.Q	35
PLOG+960	proteomics_log	167775	167825	+	3	7	K.SVKEALSYTPGVSVGTR.G	21
PLOG+961	proteomics_log	167826	167861	+	3	20	R.GASNTYDHLIIR.G	16
PLOG+962	proteomics_log	167913	167966	+	3	6	K.LQGNFYNDVIDPYMLER.A	22

PLOG+963	proteomics_log	167967	168008	+	3	9	R.AEIMRGPVSVLYGK.S	18
PLOG+964	proteomics_log	168009	168083	+	3	3	K.SSPGGLLNMVSKRPTTEPLKEVQFK.A	29
PLOG+965	proteomics_log	168045	168083	+	3	2	K.RPTTEPLKEVQFK.A	17
PLOG+966	proteomics_log	168084	168161	+	3	4	K.AGTDSLFTQGFDFSDSLDDDGVSYSR.L	30
PLOG+967	proteomics_log	168612	168674	+	3	2	R.KYVVDEKLNFSVDTQLQSK.F	25
PLOG+968	proteomics_log	168675	168728	+	3	6	K.FATGDIDHTLLTGVD*FMR.M	23
PLOG+969	proteomics_log	168675	168728	+	3	76	K.FATGDIDHTLLTGVD*FMR.M	22
PLOG+970	proteomics_log	169218	169280	+	3	8	K.TNNLMADPEGSFFSVEGGEIR.A	25
PLOG+971	proteomics_log	170369	170416	+	2	2	R.GLTVIAVLHDINMAAR.Y	20
PLOG+972	proteomics_log	170665	170772	+	1	2	A.AAIDPNRIVALEWLPVELLLALGIVPYGVADTINYR.L	40
PLOG+973	proteomics_log	172095	172160	+	3	3	P.LTLMGLDDGVARNLGLALSLAR.L	26
PLOG+974	proteomics_log	176613	176711	+	3	2	M.SDDVALPLEFTDAAANKVKSLIAEDNPNLKL.R.V	37
PLOG+975	proteomics_log	176613	176663	+	3	11	M.SDDVALPLEFTDAAANK.V	21
PLOG+976	proteomics_log	176613	176669	+	3	78	M.SDDVALPLEFTDAAANKVK.S	23
PLOG+977	proteomics_log	176646	176711	+	3	79	T.DAAANKVKSLIAEDNPNLKL.R.V	26
PLOG+978	proteomics_log	176670	176705	+	3	35	K.SLIAEDNPNL.L	16
PLOG+979	proteomics_log	176670	176711	+	3	180	K.SLIAEDNPNLKL.R.V	18
PLOG+980	proteomics_log	176802	176891	+	3	5	K.QGVGLVVDPM*SLQYLVGGSDYTEGLEGR.F	35
PLOG+981	proteomics_log	176802	176891	+	3	19	K.QGVGLVVDPM*SLQYLVGGSDYTEGLEGR.F	34
PLOG+982	proteomics_log	176892	176918	+	3	10	R.FIVTNPNAK.S	13
PLOG+983	proteomics_log	180452	180535	+	2	8	R.VISGLLEIYRPLLSLSLSDFTLVEKER.V	32
PLOG+984	proteomics_log	180926	181024	+	2	2	S.LGLALSPLSATAAETSSATTAQQMPSLAPMLEK.V	37
PLOG+985	proteomics_log	180962	181024	+	2	2	A.AETSSATTAQQMPSLAPM*LEK.V	26
PLOG+986	proteomics_log	180962	181024	+	2	2	A.AETSSATTAQQM*PSLAPM*LEK.V	27
PLOG+987	proteomics_log	180962	181024	+	2	59	A.AETSSATTAQQMPSLAPMLEK.V	25
PLOG+988	proteomics_log	181211	181303	+	2	3	K.FMALGSGVIIDADKGYVVTNNHVVDNATVIK.V	35
PLOG+989	proteomics_log	181361	181414	+	2	7	R.SDIALIQIQNPKNLTAIK.M	22
PLOG+990	proteomics_log	181361	181396	+	2	22	R.SDIALIQIQNPK.N	16
PLOG+991	proteomics_log	181397	181522	+	2	4	K.NLTAIKMADSDALRVGDYTVVIGNPFGLGETVTSGIVSALGR.S	46
PLOG+992	proteomics_log	181415	181438	+	2	3	K.MADSDALR.V	12
PLOG+993	proteomics_log	181415	181438	+	2	3	K.M*ADSDALR.V	13
PLOG+994	proteomics_log	181415	181522	+	2	4	K.M*ADSDALRVGDYTVVIGNPFGLGETVTSGIVSALGR.S	41
PLOG+995	proteomics_log	181415	181522	+	2	165	K.MADSDALRVGDYTVVIGNPFGLGETVTSGIVSALGR.S	40
PLOG+996	proteomics_log	181439	181522	+	2	213	R.VGDYTVVIGNPFGLGETVTSGIVSALGR.S	32
PLOG+997	proteomics_log	181706	181744	+	2	6	K.NLTSQMVEYGQVK.R	17
PLOG+998	proteomics_log	181706	181795	+	2	24	K.NLTSQMVEYGQVKRGELGIMGTELNSELAK.A	34
PLOG+999	proteomics_log	181745	181795	+	2	11	K.RGELGIMGTELNSELAK.A	21
PLOG+1000	proteomics_log	181748	181795	+	2	5	R.GELGIMGTELNSELAK.A	20
PLOG+1001	proteomics_log	181820	181864	+	2	7	R.GAFVSQVLPNSSAAK.A	19
PLOG+1002	proteomics_log	181865	181936	+	2	2	K.AGIKAGDVITSLNGKPISSFAALR.A	28
PLOG+1003	proteomics_log	188791	188865	+	1	2	T.TIVCSYCADKLRSLVFTVQPSFM*VR.I	30
PLOG+1004	proteomics_log	189877	189906	+	1	2	M.ATVSM*RDMLK.A	15
PLOG+1005	proteomics_log	189877	189936	+	1	5	M.ATVSMRDMLKAGVHFGHQTR.Y	24
PLOG+1006	proteomics_log	189877	189906	+	1	172	M.ATVSMRDMLK.A	14
PLOG+1007	proteomics_log	189895	189936	+	1	5	R.DM*LKAGVHFGHQTR.Y	19
PLOG+1008	proteomics_log	189895	189936	+	1	60	R.DMLKAGVHFGHQTR.Y	18

PLOG+1009	proteomics_log	189907	189951	+	1	10	K.AGVHFGHQTRYWNP.K.M	19
PLOG+1010	proteomics_log	189907	189930	+	1	13	K.AGVHFGHQ.T	12
PLOG+1011	proteomics_log	189907	189936	+	1	285	K.AGVHFGHQTR.Y	14
PLOG+1012	proteomics_log	189910	189936	+	1	4	A.GVHFGHQTR.Y	13
PLOG+1013	proteomics_log	189937	189978	+	1	21	R.YWNPKMKPFIFGAR.N	18
PLOG+1014	proteomics_log	189952	189978	+	1	63	K.MKPFIFGAR.N	13
PLOG+1015	proteomics_log	189955	189978	+	1	4	M.KPFIFGAR.N	12
PLOG+1016	proteomics_log	189979	190050	+	1	7	R.NKVHIINLEKTVPM*FNEALAELENK.I	29
PLOG+1017	proteomics_log	189979	190062	+	1	7	R.NKVHIINLEKTVPM*FNEALAELENKIASR.K	33
PLOG+1018	proteomics_log	189979	190050	+	1	72	R.NKVHIINLEKTVPMFNEALAELENK.I	28
PLOG+1019	proteomics_log	189979	190062	+	1	287	R.NKVHIINLEKTVPMFNEALAELENKIASR.K	32
PLOG+1020	proteomics_log	189979	190008	+	1	499	R.NKVHIINLEK.T	14
PLOG+1021	proteomics_log	189985	190062	+	1	3	K.VHIINLEKTVPM*FNEALAELENKIASR.K	31
PLOG+1022	proteomics_log	189985	190062	+	1	4	K.VHIINLEKTVPMFNEALAELENKIASR.K	30
PLOG+1023	proteomics_log	189985	190008	+	1	9	K.VHIINLEK.T	12
PLOG+1024	proteomics_log	190006	190062	+	1	35	E.KTVPMFNEALAELENKIASR.K	23
PLOG+1025	proteomics_log	190009	190050	+	1	7	K.TVPM*FNEALAELENK.I	19
PLOG+1026	proteomics_log	190009	190062	+	1	8	K.TVPM*FNEALAELENKIASR.K	23
PLOG+1027	proteomics_log	190009	190050	+	1	163	K.TVPMFNEALAELENK.I	18
PLOG+1028	proteomics_log	190009	190062	+	1	391	K.TVPMFNEALAELENKIASR.K	22
PLOG+1029	proteomics_log	190015	190062	+	1	143	V.PMFNEALAELENKIASR.K	20
PLOG+1030	proteomics_log	190021	190062	+	1	5	M.FNEALAELENKIASR.K	18
PLOG+1031	proteomics_log	190063	190092	+	1	42	R.KGKILFVGTK.R	14
PLOG+1032	proteomics_log	190063	190095	+	1	185	R.KGKILFVGTKR.A	15
PLOG+1033	proteomics_log	190066	190092	+	1	3	K.GKILFVGTK.R	13
PLOG+1034	proteomics_log	190066	190095	+	1	40	K.GKILFVGTKR.A	14
PLOG+1035	proteomics_log	190072	190158	+	1	4	K.ILFVGTKRAASEAVKDAALSCDQFFVNHR.W	33
PLOG+1036	proteomics_log	190072	190095	+	1	10	K.ILFVGTKR.A	12
PLOG+1037	proteomics_log	190072	190092	+	1	12	K.ILFVGTKR.R	11
PLOG+1038	proteomics_log	190093	190158	+	1	9	K.RAASEAVKDAALSCDQFFVNHR.W	26
PLOG+1039	proteomics_log	190096	190158	+	1	18	R.AASEAVKDAALSCDQFFVNHR.W	25
PLOG+1040	proteomics_log	190159	190197	+	1	3	R.WLGGM*LTNWKTVR.Q	18
PLOG+1041	proteomics_log	190159	190188	+	1	8	R.WLGGM*LTNWK.T	15
PLOG+1042	proteomics_log	190159	190197	+	1	73	R.WLGGMLTNWKTVR.Q	17
PLOG+1043	proteomics_log	190159	190188	+	1	449	R.WLGGMLTNWK.T	14
PLOG+1044	proteomics_log	190180	190284	+	1	2	T.NWKTVRQSIKRLKDLETQSQDGTDFDKLTKEALMR.T	39
PLOG+1045	proteomics_log	190210	190284	+	1	3	K.RLKDLETQSQDGTDFDKLTKEALMR*.T	30
PLOG+1046	proteomics_log	190210	190284	+	1	16	K.RLKDLETQSQDGTDFDKLTKEALMR.T	29
PLOG+1047	proteomics_log	190210	190266	+	1	44	K.RLKDLETQSQDGTDFDKLT.K	23
PLOG+1048	proteomics_log	190210	190269	+	1	48	K.RLKDLETQSQDGTDFDKLT.K.E	24
PLOG+1049	proteomics_log	190213	190257	+	1	16	R.LKDLETQSQDGTDFDK.L	19
PLOG+1050	proteomics_log	190213	190284	+	1	51	R.LKDLETQSQDGTDFDKLTKEALMR*.T	29
PLOG+1051	proteomics_log	190213	190269	+	1	78	R.LKDLETQSQDGTDFDKLT.K.E	23
PLOG+1052	proteomics_log	190213	190284	+	1	138	R.LKDLETQSQDGTDFDKLTKEALMR.T	28
PLOG+1053	proteomics_log	190213	190266	+	1	318	R.LKDLETQSQDGTDFDKLT.K	22
PLOG+1054	proteomics_log	190219	190257	+	1	3	K.DLETQSQDGTDFDK.L	17

PLOG+1055	proteomics_log	190219	190266	+	1	6	K.DLETQSQDGTDFDKLTK.K	20
PLOG+1056	proteomics_log	190219	190284	+	1	13	K.DLETQSQDGTDFDKLTKKEALMR.T	26
PLOG+1057	proteomics_log	190285	190395	+	1	3	R.TRELEKLENSLGGIKDMGGLPDALFVIDADHEHIAIK.E	41
PLOG+1058	proteomics_log	190285	190329	+	1	13	R.TRELEKLENSLGGIK.D	19
PLOG+1059	proteomics_log	190291	190395	+	1	9	R.ELEKLENSLGGIKDMGGLPDALFVIDADHEHIAIK.E	39
PLOG+1060	proteomics_log	190291	190329	+	1	14	R.ELEKLENSLGGIK.D	17
PLOG+1061	proteomics_log	190303	190395	+	1	20	K.LENSLGGIKDMGGLPDALFVIDADHEHIAIK.E	35
PLOG+1062	proteomics_log	190396	190539	+	1	3	K.EANNLGIPVFAIVDTNSDPDGVDFVIPGNDDAIRAVTLYLGAVAATVR.E	52
PLOG+1063	proteomics_log	190396	190497	+	1	54	K.EANNLGIPVFAIVDTNSDPDGVDFVIPGNDDAIR.A	38
PLOG+1064	proteomics_log	190450	190497	+	1	3	D.PDGVDFVIPGNDDAIR.A	20
PLOG+1065	proteomics_log	190498	190548	+	1	190	R.AVTLYLGAVAATVREGR.S	21
PLOG+1066	proteomics_log	190498	190539	+	1	298	R.AVTLYLGAVAATVR.E	18
PLOG+1067	proteomics_log	190540	190596	+	1	143	R.EGRSQDLASQAEESFVEAE.-	23
PLOG+1068	proteomics_log	190549	190596	+	1	456	R.SQDLASQAEESFVEAE.-	20
PLOG+1069	proteomics_log	190860	190886	+	3	30	M.AEITASLVK.E	13
PLOG+1070	proteomics_log	190860	190901	+	3	38	M.AEITASLVKELRER.T	18
PLOG+1071	proteomics_log	190860	190895	+	3	114	M.AEITASLVKELR.E	16
PLOG+1072	proteomics_log	190902	190985	+	3	2	R.TGAGMMDCKKALTEANGDIELAIENMRK.S	32
PLOG+1073	proteomics_log	190902	190931	+	3	2	R.TGAGMMDCKK.A	14
PLOG+1074	proteomics_log	190902	190982	+	3	3	R.TGAGMMDCKKALTEANGDIELAIENMR.K	31
PLOG+1075	proteomics_log	190929	190985	+	3	3	K.KALTEANGDIELAIENM*RK.S	24
PLOG+1076	proteomics_log	190929	190982	+	3	59	K.KALTEANGDIELAIENMR.K	22
PLOG+1077	proteomics_log	190929	190985	+	3	68	K.KALTEANGDIELAIENMRK.S	23
PLOG+1078	proteomics_log	190932	190985	+	3	2	K.ALTEANGDIELAIENM*RK.S	23
PLOG+1079	proteomics_log	190932	190982	+	3	10	K.ALTEANGDIELAIENM*R.K	22
PLOG+1080	proteomics_log	190932	190985	+	3	17	K.ALTEANGDIELAIENMRK.S	22
PLOG+1081	proteomics_log	190932	190982	+	3	201	K.ALTEANGDIELAIENMR.K	21
PLOG+1082	proteomics_log	190983	191012	+	3	4	R.KSGAIKAAK.A	14
PLOG+1083	proteomics_log	190983	191009	+	3	8	R.KSGAIKAAK.K	13
PLOG+1084	proteomics_log	190986	191012	+	3	2	K.SGAIKAAK.A	13
PLOG+1085	proteomics_log	190986	191051	+	3	4	K.SGAIKAAKAGNVAADGVIKTK.I	26
PLOG+1086	proteomics_log	191001	191045	+	3	2	K.AAKKAGNVAADGVIK.T	19
PLOG+1087	proteomics_log	191001	191051	+	3	6	K.AAKKAGNVAADGVIKTK.I	21
PLOG+1088	proteomics_log	191010	191045	+	3	123	K.KAGNVAADGVIK.T	16
PLOG+1089	proteomics_log	191010	191051	+	3	217	K.KAGNVAADGVIKTK.I	18
PLOG+1090	proteomics_log	191013	191045	+	3	41	K.AGNVAADGVIK.T	15
PLOG+1091	proteomics_log	191013	191051	+	3	117	K.AGNVAADGVIKTK.I	17
PLOG+1092	proteomics_log	191112	191213	+	3	21	K.DAGFQAFADKVLDAAVAGKITDVEVLKAQFEER.V	38
PLOG+1093	proteomics_log	191112	191231	+	3	39	K.DAGFQAFADKVLDAAVAGKITDVEVLKAQFEERVALVAK.I	44
PLOG+1094	proteomics_log	191112	191141	+	3	70	K.DAGFQAFADK.V	14
PLOG+1095	proteomics_log	191112	191192	+	3	201	K.DAGFQAFADKVLDAAVAGKITDVEVLK.A	31
PLOG+1096	proteomics_log	191112	191168	+	3	355	K.DAGFQAFADKVLDAAVAGK.I	23
PLOG+1097	proteomics_log	191118	191168	+	3	2	A.GFQAFADKVLDAAVAGK.I	21
PLOG+1098	proteomics_log	191139	191213	+	3	7	D.KVLDAAVAGKITDVEVLKAQFEER.V	29
PLOG+1099	proteomics_log	191142	191192	+	3	7	K.VLDAAVAGKITDVEVLK.A	21
PLOG+1100	proteomics_log	191142	191231	+	3	9	K.VLDAAVAGKITDVEVLKAQFEERVALVAK.I	34



PLOG+1101	proteomics_log	191142	191213	+	3	12	K.VLDAAVAGKITDVEVLKAQFEEER.V	28
PLOG+1102	proteomics_log	191142	191168	+	3	20	K.VLDAAVAGK.I	13
PLOG+1103	proteomics_log	191169	191255	+	3	2	K.ITDVEVLKAQFEEERVALVAKIGENINIR.R	33
PLOG+1104	proteomics_log	191169	191213	+	3	31	K.ITDVEVLKAQFEEER.V	19
PLOG+1105	proteomics_log	191169	191192	+	3	115	K.ITDVEVLK.A	12
PLOG+1106	proteomics_log	191169	191231	+	3	174	K.ITDVEVLKAQFEEERVALVAK.I	25
PLOG+1107	proteomics_log	191193	191231	+	3	113	K.AQFEEERVALVAK.I	17
PLOG+1108	proteomics_log	191193	191213	+	3	3	K.AQFEEER.V	11
PLOG+1109	proteomics_log	191232	191309	+	3	4	K.IGENINIRVAALEGDVLGSYQHGAR.I	30
PLOG+1110	proteomics_log	191232	191255	+	3	7	K.IGENINIR.R	12
PLOG+1111	proteomics_log	191256	191309	+	3	360	R.RVAALEGDVLGSYQHGAR.I	22
PLOG+1112	proteomics_log	191259	191297	+	3	9	R.VAALEGDVLGSYQ.H	17
PLOG+1113	proteomics_log	191259	191309	+	3	425	R.VAALEGDVLGSYQHGAR.I	21
PLOG+1114	proteomics_log	191268	191309	+	3	3	A.LEGDVLGSYQHGAR.I	18
PLOG+1115	proteomics_log	191310	191357	+	3	50	R.IGVLVAAKGADEELVK.H	20
PLOG+1116	proteomics_log	191310	191333	+	3	77	R.IGVLVAAK.G	12
PLOG+1117	proteomics_log	191334	191357	+	3	17	K.GADEELVK.H	12
PLOG+1118	proteomics_log	191358	191435	+	3	2	K.HIAMHVAASKPEFIKPEDVSAEVVEK.E	30
PLOG+1119	proteomics_log	191358	191450	+	3	3	K.HIAMHVAASKPEFIKPEDVSAEVVEKEYQVQ.L	35
PLOG+1120	proteomics_log	191358	191435	+	3	2	K.HIAM*HVAASKPEFIKPEDVSAEVVEK.E	31
PLOG+1121	proteomics_log	191358	191483	+	3	9	K.HIAM*HVAASKPEFIKPEDVSAEVVEKEYQVQLDIAM*QSGKPK.E	48
PLOG+1122	proteomics_log	191427	191513	+	3	9	V.VEKEYQVQLDIAMQSGPKPEIAEKMVEGR.M	33
PLOG+1123	proteomics_log	191484	191513	+	3	5	K.EIAEKM*VEGR.M	15
PLOG+1124	proteomics_log	191484	191513	+	3	49	K.EIAEKMVEGR.M	14
PLOG+1125	proteomics_log	191514	191597	+	3	2	R.M*KKFTGEVSLTGQPFVMEPSKTVGQLLK.E	33
PLOG+1126	proteomics_log	191514	191630	+	3	3	R.MKKFTGEVSLTGQPFVMEPSKTVGQLLKEHNAEVTGFIR.F	43
PLOG+1127	proteomics_log	191514	191630	+	3	3	R.MKKFTGEVSLTGQPFVM*EPSKTVGQLLKEHNAEVTGFIR.F	44
PLOG+1128	proteomics_log	191514	191630	+	3	3	R.M*KKFTGEVSLTGQPFVMEPSKTVGQLLKEHNAEVTGFIR.F	44
PLOG+1129	proteomics_log	191514	191597	+	3	2	R.M*KKFTGEVSLTGQPFVM*EPSKTVGQLLK.E	34
PLOG+1130	proteomics_log	191514	191576	+	3	6	R.MKKFTGEVSLTGQPFVMEPSK.T	25
PLOG+1131	proteomics_log	191514	191630	+	3	3	R.M*KKFTGEVSLTGQPFVM*EPSKTVGQLLKEHNAEVTGFIR.F	45
PLOG+1132	proteomics_log	191514	191597	+	3	70	R.MKKFTGEVSLTGQPFVMEPSKTVGQLLK.E	32
PLOG+1133	proteomics_log	191520	191630	+	3	2	K.KFTGEVSLTGQPFVM*EPSKTVGQLLKEHNAEVTGFIR.F	42
PLOG+1134	proteomics_log	191520	191630	+	3	5	K.KFTGEVSLTGQPFVMEPSKTVGQLLKEHNAEVTGFIR.F	41
PLOG+1135	proteomics_log	191520	191597	+	3	20	K.KFTGEVSLTGQPFVMEPSKTVGQLLK.E	30
PLOG+1136	proteomics_log	191523	191597	+	3	2	K.FTGEVSLTGQPFVM*EPSKTVGQLLK.E	30
PLOG+1137	proteomics_log	191523	191630	+	3	24	K.FTGEVSLTGQPFVM*EPSKTVGQLLKEHNAEVTGFIR.F	41
PLOG+1138	proteomics_log	191523	191597	+	3	30	K.FTGEVSLTGQPFVMEPSKTVGQLLK.E	29
PLOG+1139	proteomics_log	191523	191630	+	3	75	K.FTGEVSLTGQPFVMEPSKTVGQLLKEHNAEVTGFIR.F	40
PLOG+1140	proteomics_log	191523	191576	+	3	95	K.FTGEVSLTGQPFVMEPSK.T	22
PLOG+1141	proteomics_log	191550	191630	+	3	4	G.QPFVMEPSKTVGQLLKEHNAEVTGFIR.F	31
PLOG+1142	proteomics_log	191577	191699	+	3	35	K.TVGQLLKEHNAEVTGFIRFEVGEIEKVEDFAAEVAAMSK.Q	45
PLOG+1143	proteomics_log	191577	191630	+	3	119	K.TVGQLLKEHNAEVTGFIR.F	22
PLOG+1144	proteomics_log	191589	191699	+	3	35	Q.LLKEHNAEVTGFIRFEVGEIEKVEDFAAEVAAMSK.Q	41
PLOG+1145	proteomics_log	191598	191630	+	3	21	K.EHNAEVTGFIR.F	15
PLOG+1146	proteomics_log	191598	191699	+	3	37	K.EHNAEVTGFIRFEVGEIEKVEDFAAEVAAMSK.Q	38

PLOG+1147	proteomics_log	191631	191657	+	3	15	R.FEVGEGIEK.V	13
PLOG+1148	proteomics_log	191631	191699	+	3	20	R.FEVGEGIEKVETDFAAEVAAM*SK.Q	28
PLOG+1149	proteomics_log	191631	191705	+	3	50	R.FEVGEGIEKVETDFAAEVAAMSKQS.-	29
PLOG+1150	proteomics_log	191631	191699	+	3	366	R.FEVGEGIEKVETDFAAEVAAMSK.Q	27
PLOG+1151	proteomics_log	191658	191699	+	3	2	K.VETDFAAEVAAM*SK.Q	19
PLOG+1152	proteomics_log	191658	191699	+	3	38	K.VETDFAAEVAAMSK.Q	18
PLOG+1153	proteomics_log	191858	191884	+	2	27	M.ATNAKPVYK.R	13
PLOG+1154	proteomics_log	191858	191887	+	2	98	M.ATNAKPVYKR.I	14
PLOG+1155	proteomics_log	191900	191962	+	2	7	K.LSGEALQGTGEGFIDASILDR.M	25
PLOG+1156	proteomics_log	191963	192058	+	2	20	R.MAQEIKELVELGIQVGVVIGGGNLFRGAGLAK.A	36
PLOG+1157	proteomics_log	191963	192040	+	2	55	R.MAQEIKELVELGIQVGVVIGGGNLFR.G	30
PLOG+1158	proteomics_log	192059	192130	+	2	4	K.AGMNRVVDHMGMLATVMNGLAMR.D	28
PLOG+1159	proteomics_log	192074	192130	+	2	65	R.VVGDHMGMLATVMNGLAMR.D	23
PLOG+1160	proteomics_log	192236	192313	+	2	4	R.NNRVVILSAGTGNPFITDASAACLRG.I	30
PLOG+1161	proteomics_log	192245	192313	+	2	3	R.VVILSAGTGNPFITDASAACLRG.I	27
PLOG+1162	proteomics_log	192353	192439	+	2	2	K.VDGVFTADPAKDPATMYEQLTYSEVLEK.E	33
PLOG+1163	proteomics_log	192353	192448	+	2	9	K.VDGVFTADPAKDPATMYEQLTYSEVLEKELK.V	36
PLOG+1164	proteomics_log	192449	192481	+	2	2	K.VM*DAAFTLAR.D	16
PLOG+1165	proteomics_log	192449	192481	+	2	98	K.VMDAAFTLAR.D	15
PLOG+1166	proteomics_log	192503	192535	+	2	2	R.VFNMNKPGLR.R	15
PLOG+1167	proteomics_log	192536	192577	+	2	2	R.RVVMGEKEGTLITE.-	18
PLOG+1168	proteomics_log	192539	192577	+	2	2	R.VVM*GEKEGTLITE.-	18
PLOG+1169	proteomics_log	192539	192577	+	2	101	R.VVMGEKEGTLITE.-	17
PLOG+1170	proteomics_log	192908	192955	+	2	2	R.MDKCVEAFKTQISKIR.T	20
PLOG+1171	proteomics_log	192908	192949	+	2	5	R.MDKCVEAFKTQISK.I	18
PLOG+1172	proteomics_log	192956	193027	+	2	3	R.TGRASPSLLDGIVVEYGTPTPLR.Q	28
PLOG+1173	proteomics_log	192956	193060	+	2	11	R.TGRASPSLLDGIVVEYGTPTPLRQLASVTVEDSR.T	39
PLOG+1174	proteomics_log	192965	193027	+	2	280	R.ASPSLLDGIVVEYGTPTPLR.Q	25
PLOG+1175	proteomics_log	192965	193060	+	2	348	R.ASPSLLDGIVVEYGTPTPLRQLASVTVEDSR.T	36
PLOG+1176	proteomics_log	193028	193060	+	2	50	R.QLASVTVEDSR.T	15
PLOG+1177	proteomics_log	193061	193087	+	2	122	R.TLKINVFDR.S	13
PLOG+1178	proteomics_log	193088	193111	+	2	2	R.SM*SPAVEK.A	13
PLOG+1179	proteomics_log	193088	193198	+	2	8	R.SMSPAVEKAIMASDLGLNPNSAGSDIRVPLPPLTEER.R	41
PLOG+1180	proteomics_log	193112	193246	+	2	2	K.AIM*ASDLGLNPNSAGSDIRVPLPPLTEERRKDLTKIVRGEAEQAR.V	50
PLOG+1181	proteomics_log	193112	193198	+	2	16	K.AIM*ASDLGLNPNSAGSDIRVPLPPLTEER.R	34
PLOG+1182	proteomics_log	193112	193168	+	2	20	K.AIMASDLGLNPNSAGSDIR.V	23
PLOG+1183	proteomics_log	193112	193198	+	2	244	K.AIMASDLGLNPNSAGSDIRVPLPPLTEER.R	33
PLOG+1184	proteomics_log	193199	193246	+	2	2	R.RKDCLKIVRGEAEQAR.V	20
PLOG+1185	proteomics_log	193205	193246	+	2	7	K.DLTKIVRGEAEQAR.V	18
PLOG+1186	proteomics_log	193217	193258	+	2	3	K.IVRGEAEQARVAVR.N	18
PLOG+1187	proteomics_log	193217	193246	+	2	235	K.IVRGEAEQAR.V	14
PLOG+1188	proteomics_log	193220	193246	+	2	2	I.VRGEAEQAR.V	13
PLOG+1189	proteomics_log	193292	193333	+	2	8	K.ALLKDKIESEDDDR.R	18
PLOG+1190	proteomics_log	193292	193336	+	2	92	K.ALLKDKIESEDDDRR.S	19
PLOG+1191	proteomics_log	193304	193336	+	2	2	K.DKIESEDDDRR.S	15
PLOG+1192	proteomics_log	193334	193426	+	2	2	R.RSQDDVQKLTDAAIKKIEAALADKEAELM*QF.-	36

PLOG+1193	proteomics_log	193334	193381	+	2	2	R.RSQDDVQKLTDAAIKK.I	20
PLOG+1194	proteomics_log	193334	193426	+	2	4	R.RSQDDVQKLTDAAIKKIEAALADKEAELMQF.-	35
PLOG+1195	proteomics_log	193337	193381	+	2	2	R.SQDDVQKLTDAAIKK.I	19
PLOG+1196	proteomics_log	193337	193378	+	2	22	R.SQDDVQKLTDAAIK.K	18
PLOG+1197	proteomics_log	193337	193426	+	2	29	R.SQDDVQKLTDAAIKKIEAALADKEAELM*QF.-	35
PLOG+1198	proteomics_log	193337	193426	+	2	73	R.SQDDVQKLTDAAIKKIEAALADKEAELMQF.-	34
PLOG+1199	proteomics_log	193358	193426	+	2	3	K.LTDAAIKKIEAALADKEAELM*QF.-	28
PLOG+1200	proteomics_log	193358	193426	+	2	19	K.LTDAAIKKIEAALADKEAELMQF.-	27
PLOG+1201	proteomics_log	193379	193426	+	2	4	K.KIEAALADKEAELM*QF.-	21
PLOG+1202	proteomics_log	193379	193426	+	2	112	K.KIEAALADKEAELMQF.-	20
PLOG+1203	proteomics_log	193382	193426	+	2	2	K.IEAALADKEAELM*QF.-	20
PLOG+1204	proteomics_log	193382	193426	+	2	38	K.IEAALADKEAELMQF.-	19
PLOG+1205	proteomics_log	194960	194992	+	2	2	R.HVAIIMDGNGR.W	15
PLOG+1206	proteomics_log	197988	198035	+	3	27	G.AEGFVVKDIHFEGLR.V	20
PLOG+1207	proteomics_log	198036	198119	+	3	3	R.VAVGAALLSMPVRTGDTVNDEDISNTIR.A	32
PLOG+1208	proteomics_log	198120	198155	+	3	5	R.ALFATGNFEDVR.V	16
PLOG+1209	proteomics_log	198288	198383	+	3	3	R.VGESLDRTTIADIEKGLDFYYSVGKYSASVK.A	36
PLOG+1210	proteomics_log	198288	198365	+	3	4	R.VGESLDRTTIADIEKGLDFYYSVGK.Y	30
PLOG+1211	proteomics_log	198582	198608	+	3	78	K.LAGDLETLR.S	13
PLOG+1212	proteomics_log	198639	198683	+	3	19	R.FNIDSTQVSLTPDKK.G	19
PLOG+1213	proteomics_log	198828	198869	+	3	2	K.VTKMEDDIKLLGR.Y	18
PLOG+1214	proteomics_log	198837	198869	+	3	14	K.MEDDIKLLGR.Y	15
PLOG+1215	proteomics_log	198891	198935	+	3	2	R.VQSM*PEINDADKTVK.L	20
PLOG+1216	proteomics_log	198891	198935	+	3	6	R.VQSMPEINDADKTVK.L	19
PLOG+1217	proteomics_log	198978	199025	+	3	4	R.KIRFEGNDTSKDAVLR.R	20
PLOG+1218	proteomics_log	198978	199028	+	3	25	R.KIRFEGNDTSKDAVLR.R	21
PLOG+1219	proteomics_log	198981	199028	+	3	22	K.IRFEGNDTSKDAVLR.R	20
PLOG+1220	proteomics_log	198987	199025	+	3	4	R.FEGNDTSKDAVLR.R	17
PLOG+1221	proteomics_log	199038	199091	+	3	15	R.QMEGAWLGSDDLVDQGKER.L	22
PLOG+1222	proteomics_log	200542	200658	+	1	3	A.ADKIAIVNMGSLFQQVAQKTGVSNTLENEFKGRASELQR.M	43
PLOG+1223	proteomics_log	200542	200598	+	1	33	A.ADKIAIVNM*GSLFQQVAQK.T	24
PLOG+1224	proteomics_log	200542	200640	+	1	65	A.ADKIAIVNM*GSLFQQVAQKTGVSNTLENEFKGR.A	38
PLOG+1225	proteomics_log	200542	200634	+	1	129	A.ADKIAIVNMGSLFQQVAQKTGVSNTLENEFK.G	35
PLOG+1226	proteomics_log	200542	200640	+	1	317	A.ADKIAIVNMGSLFQQVAQKTGVSNTLENEFKGR.A	37
PLOG+1227	proteomics_log	200542	200598	+	1	558	A.ADKIAIVNMGSLFQQVAQK.T	23
PLOG+1228	proteomics_log	200551	200598	+	1	2	K.IAIVNM*GSLFQQVAQK.T	21
PLOG+1229	proteomics_log	200551	200640	+	1	52	K.IAIVNMGSLFQQVAQKTGVSNTLENEFKGR.A	34
PLOG+1230	proteomics_log	200551	200598	+	1	131	K.IAIVNMGSLFQQVAQK.T	20
PLOG+1231	proteomics_log	200599	200658	+	1	2	K.TGVSNTLENEFKGRASELQR.M	24
PLOG+1232	proteomics_log	200599	200634	+	1	40	K.TGVSNTLENEFK.G	16
PLOG+1233	proteomics_log	200599	200640	+	1	210	K.TGVSNTLENEFKGR.A	18
PLOG+1234	proteomics_log	200641	200688	+	1	12	R.ASELQRMETDLQAKMK.K	20
PLOG+1235	proteomics_log	200641	200682	+	1	19	R.ASELQRMETDLQAK.M	18
PLOG+1236	proteomics_log	200659	200691	+	1	2	R.METDLQAKM*KK.L	16
PLOG+1237	proteomics_log	200659	200688	+	1	2	R.METDLQAKM*K.K	15
PLOG+1238	proteomics_log	200659	200688	+	1	2	R.M*ETDLQAKM*K.K	16

PLOG+1239	proteomics_log	200659	200691	+	1	37	R.METDLQAKMKK.L	15
PLOG+1240	proteomics_log	200659	200682	+	1	60	R.M*ETDLQAK.M	13
PLOG+1241	proteomics_log	200659	200682	+	1	66	R.METDLQAK.M	12
PLOG+1242	proteomics_log	200659	200688	+	1	78	R.METDLQAKMK.K	14
PLOG+1243	proteomics_log	200683	200721	+	1	2	K.MKKLQSMKAGSDR.T	17
PLOG+1244	proteomics_log	200689	200754	+	1	16	K.KLQSMKAGSDRTKLEKDVMAQR.Q	26
PLOG+1245	proteomics_log	200689	200721	+	1	36	K.KLQSMKAGSDR.T	15
PLOG+1246	proteomics_log	200692	200754	+	1	6	K.LQSMKAGSDRTKLEKDVMAQR.Q	25
PLOG+1247	proteomics_log	200692	200721	+	1	8	K.LQSM*KAGSDR.T	15
PLOG+1248	proteomics_log	200692	200721	+	1	25	K.LQSMKAGSDR.T	14
PLOG+1249	proteomics_log	200707	200754	+	1	17	K.AGSDRTKLEKDVMAQR.Q	21
PLOG+1250	proteomics_log	200707	200772	+	1	24	K.AGSDRTKLEKDVMAQRQTFAQK.A	26
PLOG+1251	proteomics_log	200707	200754	+	1	150	K.AGSDRTKLEKDVMAQR.Q	20
PLOG+1252	proteomics_log	200722	200754	+	1	19	R.TKLEKDVMAQR.Q	16
PLOG+1253	proteomics_log	200722	200754	+	1	228	R.TKLEKDVMAQR.Q	15
PLOG+1254	proteomics_log	200728	200754	+	1	12	K.LEKDVMAQR.Q	14
PLOG+1255	proteomics_log	200728	200754	+	1	45	K.LEKDVMAQR.Q	13
PLOG+1256	proteomics_log	200755	200802	+	1	5	R.QTFAQKAQAFEQDRAR.R	20
PLOG+1257	proteomics_log	200755	200796	+	1	84	R.QTFAQKAQAFEQDR.A	18
PLOG+1258	proteomics_log	200773	200796	+	1	2	K.AQAFEQDR.A	12
PLOG+1259	proteomics_log	200773	200802	+	1	11	K.AQAFEQDRAR.R	14
PLOG+1260	proteomics_log	200803	200838	+	1	96	R.RSNEERGKLVTR.I	16
PLOG+1261	proteomics_log	200806	200838	+	1	21	R.SNEERGKLVTR.I	15
PLOG+1262	proteomics_log	200839	200964	+	1	46	R.IQTAVKSVANSQDIDLVDANAVAYNSSDVKDITADVLKQVK.-	46
PLOG+1263	proteomics_log	200857	200931	+	1	3	K.SVANSQDIDLVDANAVAYNSSDVK.D	29
PLOG+1264	proteomics_log	200857	200955	+	1	115	K.SVANSQDIDLVDANAVAYNSSDVKDITADVLK.Q	37
PLOG+1265	proteomics_log	200857	200964	+	1	335	K.SVANSQDIDLVDANAVAYNSSDVKDITADVLKQVK.-	40
PLOG+1266	proteomics_log	200932	200964	+	1	43	K.DITADVLKQVK.-	15
PLOG+1267	proteomics_log	201109	201180	+	1	2	K.YREHLGLCQASAVVMTQDDLPAK.S	28
PLOG+1268	proteomics_log	201181	201213	+	1	2	K.SAALVVKNPYL.T	15
PLOG+1269	proteomics_log	201181	201225	+	1	50	K.SAALVVKNPYLTYAR.M	19
PLOG+1270	proteomics_log	201226	201303	+	1	6	R.M*AQILDTPQPAQNIAPSAVIDATAK.L	31
PLOG+1271	proteomics_log	201226	201303	+	1	61	R.MAQILDTPQPAQNIAPSAVIDATAK.L	30
PLOG+1272	proteomics_log	201913	201954	+	1	16	R.KTAALVMNIDDMSK.R	18
PLOG+1273	proteomics_log	201916	201957	+	1	10	K.TAALVMNIDDMSK.L	18
PLOG+1274	proteomics_log	201916	201954	+	1	10	K.TAALVMNIDDMSK.R	17
PLOG+1275	proteomics_log	202104	202160	+	3	4	L.TTNTHTLQIEEILELLPHR.F	23
PLOG+1276	proteomics_log	202104	202184	+	3	226	L.TTNTHTLQIEEILELLPHRFPFLLVDR.V	31
PLOG+1277	proteomics_log	202227	202340	+	3	181	K.NVSVNEPFFQGHFPGKPIFPGVLILEAMAQATGILAFK.S	42
PLOG+1278	proteomics_log	202263	202340	+	3	7	H.FPGKPIFPGVLILEAMAQATGILAFK.S	30
PLOG+1279	proteomics_log	202341	202400	+	3	62	K.SVGKLEPGELYFAGIDEAR.F	24
PLOG+1280	proteomics_log	202353	202400	+	3	5	K.LEPGELYFAGIDEAR.F	20
PLOG+1281	proteomics_log	202401	202463	+	3	10	R.FKRPVVPDQMIMEVTFEKTR.R	25
PLOG+1282	proteomics_log	202401	202457	+	3	22	R.FKRPVVPDQMIMEVTFEK.T	23
PLOG+1283	proteomics_log	202479	202508	+	3	39	R.FKGVAVLDGK.V	14
PLOG+1284	proteomics_log	202695	202724	+	3	94	K.SHVVVNGHTK.I	14

PLOG+1285	proteomics_log	202725	202787	+	3	9	K.IGRDNEIYQFASIGEVNQDLK.Y	25
PLOG+1286	proteomics_log	202833	202859	+	3	4	R.IRESVTIHR.G	13
PLOG+1287	proteomics_log	202833	202889	+	3	4	R.IRESVTIHRGTVQGGGLTK.V	23
PLOG+1288	proteomics_log	202839	202889	+	3	3	R.ESVTIHRGTVQGGGLTK.V	21
PLOG+1289	proteomics_log	202860	202889	+	3	5	R.GTVQGGGLTK.V	14
PLOG+1290	proteomics_log	203232	203300	+	3	39	R.SGKTLDEVKPEIAELAETYPVK.A	27
PLOG+1291	proteomics_log	203241	203300	+	3	9	K.TLDEVKPEIAELAETYPVK.A	24
PLOG+1292	proteomics_log	203301	203324	+	3	3	K.AFTDFFAR.S	12
PLOG+1293	proteomics_log	204134	204220	+	2	2	R.EAMVASDAALLASGTAALCMLAKCPMVV.G	33
PLOG+1294	proteomics_log	208624	208713	+	1	5	M.SLNFLDFEQPIAELEAKIDSLTAVSRQDEK.L	34
PLOG+1295	proteomics_log	208624	208701	+	1	128	M.SLNFLDFEQPIAELEAKIDSLTAVSR.Q	30
PLOG+1296	proteomics_log	208624	208674	+	1	219	M.SLNFLDFEQPIAELEAK.I	21
PLOG+1297	proteomics_log	208675	208713	+	1	6	K.IDSLTAVSRQDEK.L	17
PLOG+1298	proteomics_log	208675	208701	+	1	12	K.IDSLTAVSR.Q	13
PLOG+1299	proteomics_log	208714	208746	+	1	2	K.LDINIDEEVHR.L	15
PLOG+1300	proteomics_log	208777	208824	+	1	201	R.KIFADLGAWQIAQLAR.H	20
PLOG+1301	proteomics_log	208780	208824	+	1	52	K.IFADLGAWQIAQLAR.H	19
PLOG+1302	proteomics_log	208825	208860	+	1	2	R.HPQRPYTLDYVR.L	16
PLOG+1303	proteomics_log	208843	208899	+	1	13	Y.TLDYVRLAFDEFDELADGDR.A	23
PLOG+1304	proteomics_log	208861	208899	+	1	117	R.LAFDEFDELADGDR.A	17
PLOG+1305	proteomics_log	208861	208941	+	1	225	R.LAFDEFDELADGDRAYADDKAIVGGIAR.L	31
PLOG+1306	proteomics_log	208900	208941	+	1	7	R.AYADDKAIVGGIAR.L	18
PLOG+1307	proteomics_log	208942	208980	+	1	2	R.LDGRPVM*IIGHQK.G	18
PLOG+1308	proteomics_log	208942	208986	+	1	3	R.LDGRPVMIIIGHQKGR.E	19
PLOG+1309	proteomics_log	208942	208980	+	1	35	R.LDGRPVMIIIGHQK.G	17
PLOG+1310	proteomics_log	209011	209034	+	1	6	R.NFGM*PAPE.G	13
PLOG+1311	proteomics_log	209011	209046	+	1	6	R.NFGMPAPEGYRK.A	16
PLOG+1312	proteomics_log	209077	209169	+	1	5	R.FKM*PIITFIDTPGAYPGVGAEERGQSEAIAR.N	36
PLOG+1313	proteomics_log	209077	209145	+	1	7	R.FKM*PIITFIDTPGAYPGVGAEER.G	28
PLOG+1314	proteomics_log	209077	209169	+	1	81	R.FKMPIITFIDTPGAYPGVGAEERGQSEAIAR.N	35
PLOG+1315	proteomics_log	209077	209145	+	1	166	R.FKMPIITFIDTPGAYPGVGAEER.G	27
PLOG+1316	proteomics_log	209080	209169	+	1	2	F.KMPIITFIDTPGAYPGVGAEERGQSEAIAR.N	34
PLOG+1317	proteomics_log	209140	209178	+	1	7	E.ERGQSEAIARNLR.E	17
PLOG+1318	proteomics_log	209338	209391	+	1	105	K.SADKAPLAAEAMGIIAPR.L	22
PLOG+1319	proteomics_log	209407	209544	+	1	3	K.LIDSIIPEPLGGAHRNPEAM*AASLKAQLLADLADLDVLSTEDLKNR.R	51
PLOG+1320	proteomics_log	209407	209538	+	1	3	K.LIDSIIPEPLGGAHRNPEAMAASLKAQLLADLADLDVLSTEDLK.N	48
PLOG+1321	proteomics_log	209407	209538	+	1	3	K.LIDSIIPEPLGGAHRNPEAM*AASLKAQLLADLADLDVLSTEDLK.N	49
PLOG+1322	proteomics_log	209446	209547	+	1	3	A.HRNPEAM*AASLKAQLLADLADLDVLSTEDLKNRR.Y	39
PLOG+1323	proteomics_log	209482	209544	+	1	6	K.AQLLADLADLDVLSTEDLKNR.R	25
PLOG+1324	proteomics_log	209482	209538	+	1	53	K.AQLLADLADLDVLSTEDLK.N	23
PLOG+1325	proteomics_log	209482	209547	+	1	63	K.AQLLADLADLDVLSTEDLKNRR.Y	26
PLOG+1326	proteomics_log	209497	209538	+	1	4	A.DLADLDVLSTEDLK.N	18
PLOG+1327	proteomics_log	209557	209577	+	1	4	R.LMSYGYA.-	11
PLOG+1328	proteomics_log	209557	209577	+	1	4	R.LM*SYGYA.-	12
PLOG+1329	proteomics_log	212108	212173	+	2	2	R.HLAFSVDDIDA AVAHLESHNVK.C	26
PLOG+1330	proteomics_log	212213	212263	+	2	11	R.FTFFNDPDGLPLELYEQ.-	21

PLOG+1331	proteomics_log	215548	215589	+	1	2	R.TADKLVLTDSKGEK.S	18
PLOG+1332	proteomics_log	219155	219226	+	2	4	A.SGSDSAKGRYGLISTTGPSTRSR.L	28
PLOG+1333	proteomics_log	221299	221412	+	1	2	S.TIRAINGAAPTIVNGTIAACKPIDVPTITRVNGIHTSK.I	42
PLOG+1334	proteomics_log	222869	222952	+	2	4	R.DGTINVDHGYVHEIDNFEFIDGVIDAMR.E	32
PLOG+1335	proteomics_log	223301	223384	+	2	2	R.TGKPITPEAENAADWVLNSLADLPQAIK.K	32
PLOG+1336	proteomics_log	223301	223405	+	2	9	R.TGKPITPEAENAADWVLNSLADLPQAIKKQKPAQ.-	39
PLOG+1337	proteomics_log	223301	223387	+	2	27	R.TGKPITPEAENAADWVLNSLADLPQAIKK.Q	33
PLOG+1338	proteomics_log	229170	229259	+	3	2	M.AIPAFGLGTFRCLKDDVVISSVITALELGYR.A	34
PLOG+1339	proteomics_log	229203	229259	+	3	9	R.LKDDVVISSVITALELGYR.A	23
PLOG+1340	proteomics_log	229539	229580	+	3	8	R.EIGISNFTIPLMEK.A	18
PLOG+1341	proteomics_log	231827	231859	+	2	2	R.GLVNSEASVLV.T	15
PLOG+1342	proteomics_log	236340	236414	+	3	4	R.GAELVIHNAAFDIGFMDYEFSLKR.D	29
PLOG+1343	proteomics_log	240427	240459	+	1	75	A.QDDLTISSLAK.G	15
PLOG+1344	proteomics_log	240460	240528	+	1	3	K.GETTKAAFNQMVQGHKLPWVMK.G	27
PLOG+1345	proteomics_log	240475	240528	+	1	4	K.AAFNQMVGQGHKLPWVMK.G	22
PLOG+1346	proteomics_log	240475	240507	+	1	4	K.AAFNQMVGQGHK.L	15
PLOG+1347	proteomics_log	240625	240648	+	1	2	R.IAVMWSEK.S	12
PLOG+1348	proteomics_log	240649	240750	+	1	2	K.SNQMTGLFSTIDEKTSQEKLTLNVNDALSIDGK.T	38
PLOG+1349	proteomics_log	240649	240690	+	1	34	K.SNQMTGLFSTIDEK.T	18
PLOG+1350	proteomics_log	240706	240750	+	1	5	K.LTWLNVNDALSIDGK.T	19
PLOG+1351	proteomics_log	240751	240813	+	1	110	K.TVLFALTGSGLENHPDGFNFK.-	25
PLOG+1352	proteomics_log	243543	243563	+	3	2	L.MYQDLIR.N	11
PLOG+1353	proteomics_log	243543	243608	+	3	3	L.MYQDLIRNELNEAAETLANFLK.D	26
PLOG+1354	proteomics_log	243543	243638	+	3	105	L.M*YQDLIRNELNEAAETLANFLKDDANIHAIR.A	37
PLOG+1355	proteomics_log	243543	243638	+	3	276	L.MYQDLIRNELNEAAETLANFLKDDANIHAIR.A	36
PLOG+1356	proteomics_log	243564	243608	+	3	5	R.NELNEAAETLANFLK.D	19
PLOG+1357	proteomics_log	243564	243638	+	3	183	R.NELNEAAETLANFLKDDANIHAIR.A	29
PLOG+1358	proteomics_log	243639	243680	+	3	26	R.AAVLLADSFKAGGK.V	18
PLOG+1359	proteomics_log	243639	243668	+	3	43	R.AAVLLADSFK.A	14
PLOG+1360	proteomics_log	243852	243947	+	3	12	R.YVEAVGREGDVLLGISTSGNSANVIKAAAR.E	36
PLOG+1361	proteomics_log	243852	243929	+	3	14	R.YVEAVGREGDVLLGISTSGNSANVIK.A	30
PLOG+1362	proteomics_log	243873	243929	+	3	14	R.EGDVLLGISTSGNSANVIK.A	23
PLOG+1363	proteomics_log	243963	243995	+	3	2	K.VITLTGKDGK.M	15
PLOG+1364	proteomics_log	243996	244025	+	3	14	K.MAGTADIEIR.V	14
PLOG+1365	proteomics_log	244026	244118	+	3	5	R.VPHFGYADRIQEIHIVIHILIQIEKEMVK.-	35
PLOG+1366	proteomics_log	244053	244118	+	3	32	R.IQEIHIVIHILIQIEKEMVK.-	26
PLOG+1367	proteomics_log	244074	244118	+	3	65	K.VIHILIQIEKEMVK.-	19
PLOG+1368	proteomics_log	250375	250440	+	1	2	L.IKDDQNRNM*FERGSAKIMPFK.T	27
PLOG+1369	proteomics_log	250531	250581	+	1	2	N.NIYNWNLSGDRALSAR.R	21
PLOG+1370	proteomics_log	255980	256027	+	2	123	M.SEKYIVTWDMLQIHAR.K	20
PLOG+1371	proteomics_log	255989	256027	+	2	43	K.YIVTWDMLQIHAR.K	17
PLOG+1372	proteomics_log	256043	256087	+	2	44	R.LMPSEQWKGIIVSR.G	19
PLOG+1373	proteomics_log	256088	256120	+	2	39	R.GGLVPGALLAR.E	15
PLOG+1374	proteomics_log	256136	256183	+	2	3	R.HVDTVCISSYDHDNR.E	20
PLOG+1375	proteomics_log	256193	256294	+	2	10	K.VLKRAEGDGEGFIVIDDLVDTGGTAVAIREMPK.A	38
PLOG+1376	proteomics_log	256202	256279	+	2	3	K.RAEGDGEGFIVIDDLVDTGGTAVAIR.E	30

PLOG+1377	proteomics_log	256202	256294	+	2	7	K.RAEGDGEFVIDDLVDTGGTAVAIREMPK.A	35
PLOG+1378	proteomics_log	256205	256294	+	2	2	R.AEGDGEFVIDDLVDTGGTAVAIREMPK.A	34
PLOG+1379	proteomics_log	256205	256279	+	2	10	R.AEGDGEFVIDDLVDTGGTAVAIR.E	29
PLOG+1380	proteomics_log	258027	258062	+	3	3	R.FTYSYQFGLFDK.A	16
PLOG+1381	proteomics_log	258111	258131	+	3	6	E.RLEHTLR.E	11
PLOG+1382	proteomics_log	258147	258227	+	3	4	K.LRELLTTLNLKLEPADDFRDEPVKLT.A-	31
PLOG+1383	proteomics_log	258153	258227	+	3	5	R.ELLTTLNLKLEPADDFRDEPVKLT.A-	29
PLOG+1384	proteomics_log	259642	259674	+	1	6	K.LGTSVLTTGGSR.R	15
PLOG+1385	proteomics_log	259828	259857	+	1	6	K.QLLAAVGQSR.L	14
PLOG+1386	proteomics_log	259828	259926	+	1	7	K.QLLAAVGQSRLIQLWEQLFSIYGIHVGMMLTR.A	37
PLOG+1387	proteomics_log	259858	259926	+	1	5	R.LIQLWEQLFSIYGIHVGMMLTR.A	27
PLOG+1388	proteomics_log	260047	260127	+	1	16	K.VGDNDNLSALAAIAGADKLLLLTDQK.G	31
PLOG+1389	proteomics_log	260152	260262	+	1	4	R.SNPQAELIKDVYGIIDALRAIAGDSVSGLTGGM*STK.L	42
PLOG+1390	proteomics_log	260152	260262	+	1	21	R.SNPQAELIKDVYGIIDALRAIAGDSVSGLTGGMSTK.L	41
PLOG+1391	proteomics_log	260152	260208	+	1	28	R.SNPQAELIKDVYGIIDALR.A	23
PLOG+1392	proteomics_log	260209	260262	+	1	27	R.AIAGDSVSGLTGGMSTK.L	22
PLOG+1393	proteomics_log	260290	260406	+	1	17	R.AGIDTIIAAGSKPGVIGDVMEGISVGTLFHAQATPLENR.K	43
PLOG+1394	proteomics_log	260554	260598	+	1	2	R.ICNLEGRDIAHGVS.R.Y	19
PLOG+1395	proteomics_log	260623	260712	+	1	2	R.IAGHHSQEIDAILGYEYGPVAVHRDDM*ITR.-	35
PLOG+1396	proteomics_log	260623	260712	+	1	11	R.IAGHHSQEIDAILGYEYGPVAVHRDDMITR.-	34
PLOG+1397	proteomics_log	260727	260756	+	3	2	L.MLEQM*GIAAK.Q	15
PLOG+1398	proteomics_log	260727	260756	+	3	2	L.M*LEQM*GIAAK.Q	16
PLOG+1399	proteomics_log	260727	260756	+	3	7	L.M*LEQM*GIAAK.Q	15
PLOG+1400	proteomics_log	260727	260756	+	3	71	L.MLEQM*GIAAK.Q	14
PLOG+1401	proteomics_log	260793	260888	+	3	2	R.EKNRVLEKIADELEAQSEIILNANAQDVADAR.A	36
PLOG+1402	proteomics_log	260889	260921	+	3	21	R.ANGLSEAMLDL.R	15
PLOG+1403	proteomics_log	260943	261038	+	3	3	R.LKGIADDVVRQVCNLADPVGQVIDGGVLD SGLR.L	36
PLOG+1404	proteomics_log	260943	260969	+	3	6	R.LKGIADDVVR.Q	13
PLOG+1405	proteomics_log	260970	261038	+	3	2	R.QVCNLADPVGQVIDGGVLD SGLR.L	27
PLOG+1406	proteomics_log	261177	261218	+	3	15	R.TNAATVAVIQDALK.S	18
PLOG+1407	proteomics_log	261294	261326	+	3	73	R.MDKYIDMLIPR.G	15
PLOG+1408	proteomics_log	261516	261551	+	3	3	K.NIADSFLPALS.K.Q	16
PLOG+1409	proteomics_log	261690	261728	+	3	3	K.IVSDLDLDAIAHIR.E	17
PLOG+1410	proteomics_log	261690	261767	+	3	14	K.IVSDLDLDAIAHIREHGTQHSDAILTR.D	30
PLOG+1411	proteomics_log	261729	261767	+	3	5	R.EHGTQHSDAILTR.D	17
PLOG+1412	proteomics_log	261909	261944	+	3	18	R.GPMGLEALTTYK.W	16
PLOG+1413	proteomics_log	265692	265772	+	3	2	A.FRSSLSSHAM*RNRVVATSASRGSVLR.F	32
PLOG+1414	proteomics_log	276065	276094	+	2	3	K.VLVENPELIR.E	14
PLOG+1415	proteomics_log	278693	278743	+	2	5	R.NNRLPEPVIRVKQPALA.R	21
PLOG+1416	proteomics_log	278693	278743	+	2	5	R.NNRLPEPVIRVKQPALA.R	21
PLOG+1417	proteomics_log	278693	278743	+	2	5	R.NNRLPEPVIRVKQPALA.R	21
PLOG+1418	proteomics_log	281505	281615	+	3	3	M.PQSALFTGIIPPVSTIFTADGQLDKPGTAALIDDLIK.A	41
PLOG+1419	proteomics_log	282812	282859	+	2	4	M.FDSLTPYRNDAAIVFRR.L	20
PLOG+1420	proteomics_log	283144	283260	+	1	2	G.HLAGGRGGAGSGAAALRAGAVRAGGVAGDRPPVGARGQR.A	43
PLOG+1421	proteomics_log	285951	285998	+	3	3	R.AAQGEAVPDAATAASH.-	20
PLOG+1422	proteomics_log	290164	290214	+	1	5	R.NNRLPEPVIRVKQPALA.R	21

PLOG+1423	proteomics_log	290164	290214	+	1	5	R.NNRLPEPVIRVKQPALA.R	21
PLOG+1424	proteomics_log	290164	290214	+	1	5	R.NNRLPEPVIRVKQPALA.R	21
PLOG+1425	proteomics_log	304593	304682	+	3	3	I.GHIPPAIIAPGIVGFCSVAGNKGKRRER.Y	34
PLOG+1426	proteomics_log	321153	321185	+	3	2	R.MQDLTSFIVNK.L	15
PLOG+1427	proteomics_log	321153	321224	+	3	10	R.MQDLTSFIVNKLGVVDVGASLQGR.A	28
PLOG+1428	proteomics_log	321258	321305	+	3	7	R.KLGVKDEPLTLLKNVR.G	20
PLOG+1429	proteomics_log	322291	322341	+	1	5	R.IAPTFAEVDVLITMLAR.S	21
PLOG+1430	proteomics_log	323093	323119	+	2	2	R.LTQLNQQR.C	13
PLOG+1431	proteomics_log	323330	323365	+	2	2	K.GAENISQAEQAK.V	16
PLOG+1432	proteomics_log	327471	327536	+	3	2	R.ISTGQSGSGSSMRQSLPLPAV.R	26
PLOG+1433	proteomics_log	335065	335106	+	1	4	R.GFEEIAQLLIAAGA.-	18
PLOG+1434	proteomics_log	335551	335589	+	1	2	P.FYQALNKELHIKR.R	17
PLOG+1435	proteomics_log	337319	337363	+	2	2	H.EDPVGSTIETIKEAK.A	19
PLOG+1436	proteomics_log	337828	337935	+	1	2	M.TAKTILHAGPPITWEKMCGAMKGAVTGALVFEGLAKE.D	40
PLOG+1437	proteomics_log	338404	338487	+	1	2	G.PTWM*AM*CKAAMDAAHGIEYSTVVTM*AR.N	35
PLOG+1438	proteomics_log	342120	342143	+	3	2	K.AVGAYSAK.Q	12
PLOG+1439	proteomics_log	342120	342173	+	3	2	K.AVGAYSAKQPLEPM*DITR.R	23
PLOG+1440	proteomics_log	342120	342173	+	3	3	K.AVGAYSAKQPLEPMDITR.R	22
PLOG+1441	proteomics_log	342309	342338	+	3	11	R.VVAVGDQVEK.Y	14
PLOG+1442	proteomics_log	342636	342683	+	3	3	K.KVGVVIGGGLGHM*GIK.L	21
PLOG+1443	proteomics_log	342639	342683	+	3	37	K.VGVVIGGGLGHMGIK.L	19
PLOG+1444	proteomics_log	342684	342737	+	3	3	K.LAHAM*GAHVVAFTTSEAK.R	23
PLOG+1445	proteomics_log	342684	342737	+	3	5	K.LAHAMGAHVVAFTTSEAK.R	22
PLOG+1446	proteomics_log	342684	342740	+	3	6	K.LAHAM*GAHVVAFTTSEAKR.E	24
PLOG+1447	proteomics_log	342684	342740	+	3	23	K.LAHAMGAHVVAFTTSEAKR.E	23
PLOG+1448	proteomics_log	342741	342785	+	3	2	R.EAAKALGADEVVNSR.N	19
PLOG+1449	proteomics_log	342753	342785	+	3	51	K.ALGADEVVNSR.N	15
PLOG+1450	proteomics_log	342786	342815	+	3	5	R.NADEM*AAHLK.S	15
PLOG+1451	proteomics_log	342786	342815	+	3	52	R.NADEMAAHLK.S	14
PLOG+1452	proteomics_log	342816	342884	+	3	20	K.SDFILNTVAAPHNLDDFTLLK.R	27
PLOG+1453	proteomics_log	342816	342887	+	3	40	K.SDFILNTVAAPHNLDDFTLLKR.D	28
PLOG+1454	proteomics_log	342888	342965	+	3	2	R.DGTMTLVGAPATPHKSPEVFNLMKR.R	30
PLOG+1455	proteomics_log	342888	342962	+	3	14	R.DGTMTLVGAPATPHKSPEVFNLMK.R	29
PLOG+1456	proteomics_log	342933	342962	+	3	3	K.SPEVFNLMK.R	14
PLOG+1457	proteomics_log	343068	343097	+	3	22	R.ADQINEAYER.M	14
PLOG+1458	proteomics_log	343098	343124	+	3	2	R.MLRGDVKYR.F	13
PLOG+1459	proteomics_log	345771	345824	+	3	23	A.AELMTKAEFEKVESQYEK.I	22
PLOG+1460	proteomics_log	345789	345824	+	3	72	K.AEFEKVESQYEK.I	16
PLOG+1461	proteomics_log	345825	345902	+	3	2	K.IGDISTSNEM*STADAKEDLIKKADEK.G	31
PLOG+1462	proteomics_log	345825	345887	+	3	2	K.IGDISTSNEM*STADAKEDLIK.K	26
PLOG+1463	proteomics_log	345825	345890	+	3	7	K.IGDISTSNEMSTADAKEDLIKK.A	26
PLOG+1464	proteomics_log	345825	345872	+	3	9	K.IGDISTSNEMSTADAK.E	20
PLOG+1465	proteomics_log	345825	345902	+	3	14	K.IGDISTSNEMSTADAKEDLIKKADEK.G	30
PLOG+1466	proteomics_log	345825	345887	+	3	14	K.IGDISTSNEMSTADAKEDLIK.K	25
PLOG+1467	proteomics_log	345903	345977	+	3	2	K.GADVVLVTSGQTDNKIHGTANIYKK.K	29
PLOG+1468	proteomics_log	345903	345947	+	3	3	K.GADVVLVTSGQTDNK.I	19



PLOG+1469	proteomics_log	345903	345980	+	3	4	K.GADVLTSGQTDNKHGTANIYKKK.-	30
PLOG+1470	proteomics_log	345903	345974	+	3	20	K.GADVLTSGQTDNKHGTANIYK.K	28
PLOG+1471	proteomics_log	350967	351065	+	3	3	K.VASTAVVAEMLGLTREEILNAVSLAWVDGQSLR.T	37
PLOG+1472	proteomics_log	352075	352131	+	1	2	K.AEPTCATTSTAGWRNSQR.R	23
PLOG+1473	proteomics_log	352531	352587	+	1	4	R.KWRASAGGMSISRRCAINT.S	23
PLOG+1474	proteomics_log	355398	355433	+	3	57	V.SNNALQTIINAR.L	16
PLOG+1475	proteomics_log	355674	355706	+	3	3	K.ALLTHDDVKQR.A	15
PLOG+1476	proteomics_log	355758	355799	+	3	3	R.THVDVSDATLTALK.A	18
PLOG+1477	proteomics_log	355818	355919	+	3	8	K.QEVAPWIDLQIVAFPQEGILSYPNGEALLEEALR.L	38
PLOG+1478	proteomics_log	355920	355967	+	3	9	R.LGADVVGAIPIHFETR.E	20
PLOG+1479	proteomics_log	356121	356177	+	3	2	R.VTASHTTAM*HSYNGAYTSR.L	24
PLOG+1480	proteomics_log	356196	356252	+	3	9	K.MSGINFVANPLVNIHLQGR.F	23
PLOG+1481	proteomics_log	356475	356567	+	3	51	R.TLNLQDYGIAAGNSANLIILPAENGFALRR.Q	35
PLOG+1482	proteomics_log	356604	356675	+	3	8	K.VIASTQPAQTTVYLEQPEAIDYKR.-	28
PLOG+1483	proteomics_log	370994	371038	+	2	2	F.VFDTSDLTDALFEAR.L	19
PLOG+1484	proteomics_log	375760	375861	+	1	2	A.GKM*LALGTGTGVGM*AASAPGILVAGLAVFILM*SR.R	41
PLOG+1485	proteomics_log	375999	376055	+	3	2	M.AKLTLQEQLLKAGLVTSKK.A	23
PLOG+1486	proteomics_log	375999	376031	+	3	2	M.AKLTLQEQLLK.A	15
PLOG+1487	proteomics_log	376113	376151	+	3	2	R.AAVEENKKAQLER.D	17
PLOG+1488	proteomics_log	376299	376343	+	3	10	K.IFVDKLTQAQLINGR.L	19
PLOG+1489	proteomics_log	376359	376433	+	3	23	R.LLVDNNSGEYAIIPASVADKIAQR.D	29
PLOG+1490	proteomics_log	378433	378498	+	1	2	G.AVWHQAFTLGFANRNTEVSFAR.T	26
PLOG+1491	proteomics_log	384624	384734	+	3	4	R.KFDSGASIVRALASGDVQIGNLGSSPLAVAASQQVPI.E	41
PLOG+1492	proteomics_log	400610	400642	+	2	4	D.M*KNLIAELLFK.L	16
PLOG+1493	proteomics_log	400610	400642	+	2	48	D.MKNLIAELLFK.L	15
PLOG+1494	proteomics_log	400724	400750	+	2	4	R.NM*AQNDQQR.L	14
PLOG+1495	proteomics_log	400724	400750	+	2	26	R.NMAQNDQQR.L	13
PLOG+1496	proteomics_log	400751	400843	+	2	5	R.LIDQVEGALYEVKPDASIPDDDTTELLRDYVK.K	35
PLOG+1497	proteomics_log	401067	401105	+	3	8	R.AAQGDITAPGGAR.R	17
PLOG+1498	proteomics_log	402670	402708	+	1	6	S.DCLKNSKSAPGEK.S	17
PLOG+1499	proteomics_log	405632	405661	+	2	7	M.TQPLFLIGPR.G	14
PLOG+1500	proteomics_log	405716	405802	+	2	3	R.FVDTDQWLQSQNLNMTVAEIVEREEWAGFR.A	33
PLOG+1501	proteomics_log	405959	406045	+	2	2	R.LQAAPEEDLRPTLTGKPLSEEVQEVLEER.D	33
PLOG+1502	proteomics_log	406046	406123	+	2	6	R.DALYREVAHIIIDATNEPSQVISEIR.S	30
PLOG+1503	proteomics_log	406257	406295	+	3	2	K.GKPGQTVTWYQLR.A	17
PLOG+1504	proteomics_log	407261	407305	+	2	7	K.QLDVPVLLSNVLIAR.L	19
PLOG+1505	proteomics_log	407401	407433	+	1	62	F.MLQSNEYFSGK.V	15
PLOG+1506	proteomics_log	407401	407439	+	1	84	F.MLQSNEYFSGVK.S	17
PLOG+1507	proteomics_log	407440	407472	+	1	75	K.SIGFSSSSTGR.A	15
PLOG+1508	proteomics_log	409467	409538	+	3	3	R.DDYRQTIETIATLVDM*AEQATGQR.G	29
PLOG+1509	proteomics_log	409467	409538	+	3	6	R.DDYRQTIETIATLVDMAEQATGQR.G	28
PLOG+1510	proteomics_log	410070	410174	+	3	6	K.SLAHVVNILDPDIVLGGGMSNVDRLYQTVGQLIK.Q	39
PLOG+1511	proteomics_log	420231	420323	+	3	2	L.KRGLSTRHIRFM*ALGSAIGTGLFYGSADAIAIK.M	36
PLOG+1512	proteomics_log	422264	422311	+	2	3	F.YGGDLGDISEKLPYLK.K	20
PLOG+1513	proteomics_log	422919	422981	+	3	2	T.IVASHSRCGDFLPIPIISLTIR.S	25
PLOG+1514	proteomics_log	424235	424303	+	2	6	V.MRVTDFFELPESLIAHYMPER.S	27

PLOG+1515	proteomics_log	424316	424420	+	2	35	R.LLSLDGPTGALTHGTFTDLLDKLNPGDLLVFNTR.V	39
PLOG+1516	proteomics_log	424448	424486	+	2	2	R.KASGGKIEVLVER.M	17
PLOG+1517	proteomics_log	425108	425209	+	2	3	K.VVDALVTNFHLPSTLIMLVSAFAGYQHTMNAYK.A	38
PLOG+1518	proteomics_log	426180	426215	+	3	2	R.NGHLFVTDGVVK.I	16
PLOG+1519	proteomics_log	426180	426221	+	3	7	R.NGHLFVTDGVVKIR.N	18
PLOG+1520	proteomics_log	426297	426320	+	3	2	R.AYLHHLDR.C	12
PLOG+1521	proteomics_log	426345	426368	+	3	3	R.LNTIHNLR.Y	12
PLOG+1522	proteomics_log	426399	426452	+	3	4	R.KAIEEGKLESFVTDIFYQR.Q	22
PLOG+1523	proteomics_log	426402	426452	+	3	4	K.AIEEGKLESFVTDIFYQR.Q	21
PLOG+1524	proteomics_log	427036	427065	+	1	4	K.TLQEEKITAK.S	14
PLOG+1525	proteomics_log	427066	427101	+	1	7	K.SVALEEGAILAR.F	16
PLOG+1526	proteomics_log	427102	427128	+	1	18	R.FDSTDTQLR.A	13
PLOG+1527	proteomics_log	427204	427254	+	1	6	R.WLAAIHAPEPMKLGDLR.G	21
PLOG+1528	proteomics_log	427576	427620	+	1	14	R.NRVNQLGVAEPVVQR.Q	19
PLOG+1529	proteomics_log	427717	427794	+	1	19	R.LVNTNVDQAAAASGRVPGDSEVKQTR.E	30
PLOG+1530	proteomics_log	427762	427794	+	1	3	R.VPGDSEVKQTR.E	15
PLOG+1531	proteomics_log	428092	428124	+	1	11	R.ITGINNPNEAR.Q	15
PLOG+1532	proteomics_log	429026	429115	+	2	2	P.PAEGETGGQVLGSQVLKVINESTNQNAAVK.R	34
PLOG+1533	proteomics_log	429077	429118	+	2	2	K.VINESTNQNAAVKR.I	18
PLOG+1534	proteomics_log	429077	429115	+	2	4	K.VINESTNQNAAVK.R	17
PLOG+1535	proteomics_log	432385	432426	+	1	3	K.SNDVREPFNEEKLR.S	18
PLOG+1536	proteomics_log	432442	432501	+	1	2	R.ALEKRPVSSDDVEM*AINHIK.S	25
PLOG+1537	proteomics_log	432442	432501	+	1	10	R.ALEKRPVSSDDVEMAINHIK.S	24
PLOG+1538	proteomics_log	432502	432543	+	1	2	K.SQLRATGEREVPSK.M	18
PLOG+1539	proteomics_log	432544	432576	+	1	6	K.MIGNLVMEQLK.K	15
PLOG+1540	proteomics_log	432544	432603	+	1	11	K.MIGNLVMEQLKDKVAYIR.F	24
PLOG+1541	proteomics_log	432622	432663	+	1	13	R.SFEDIKEFGEEIAR.L	18
PLOG+1542	proteomics_log	432788	432817	+	2	5	K.LSVKVTTNVR.V	14
PLOG+1543	proteomics_log	432814	432849	+	1	2	R.AGEPHAEVHALR.M	16
PLOG+1544	proteomics_log	432964	433008	+	1	4	R.VVASM*QDPNPQVAGR.G	20
PLOG+1545	proteomics_log	432964	433008	+	1	14	R.VVASMQDPNPQVAGR.G	19
PLOG+1546	proteomics_log	433871	433912	+	2	25	K.M*NIIEANVATPDAR.V	19
PLOG+1547	proteomics_log	433871	433912	+	2	140	K.MNIIEANVATPDAR.V	18
PLOG+1548	proteomics_log	433913	433990	+	2	101	R.VAITIARFNNFINDSLLEGALDALKR.I	30
PLOG+1549	proteomics_log	433934	433966	+	2	8	R.FNNFINDSLLE.G	15
PLOG+1550	proteomics_log	433934	433987	+	2	50	R.FNNFINDSLLEGALDALK.R	22
PLOG+1551	proteomics_log	433934	433990	+	2	399	R.FNNFINDSLLEGALDALKR.I	23
PLOG+1552	proteomics_log	433949	433990	+	2	16	I.NDSLLEGALDALKR.I	18
PLOG+1553	proteomics_log	433991	434077	+	2	243	R.IGQVKDENITVVVWPGAYELPLAAGALAK.T	33
PLOG+1554	proteomics_log	434078	434122	+	2	151	K.TGKYDAVIALGTVIR.G	19
PLOG+1555	proteomics_log	434123	434254	+	2	72	R.GGTAHFYVAGGASNGLAHVAQDSEIPVAFGLTTESIEQAIER.A	48
PLOG+1556	proteomics_log	434255	434338	+	2	17	R.AGTKAGNKGAEAAALTALEM*INVLKAIKA.-	33
PLOG+1557	proteomics_log	434255	434326	+	2	21	R.AGTKAGNKGAEAAALTALEM*INVLK.A	29
PLOG+1558	proteomics_log	434255	434338	+	2	133	R.AGTKAGNKGAEAAALTALEMINVLKAIKA.-	32
PLOG+1559	proteomics_log	434255	434326	+	2	145	R.AGTKAGNKGAEAAALTALEMINVLK.A	28
PLOG+1560	proteomics_log	434267	434338	+	2	2	K.AGNKGAEEALTALEM*INVLKAIKA.-	29

PLOG+1561	proteomics_log	434267	434326	+	2	3	K.AGNKGAEAAALTALEM*INVLK.A	25
PLOG+1562	proteomics_log	434267	434338	+	2	71	K.AGNKGAEAAALTALEMINVLKAIKA.-	28
PLOG+1563	proteomics_log	434267	434326	+	2	184	K.AGNKGAEAAALTALEMINVLK.A	24
PLOG+1564	proteomics_log	434279	434326	+	2	5	K.GAEAAALTALEM*INVLK.A	21
PLOG+1565	proteomics_log	434279	434326	+	2	7	K.GAEAAALTALEMINVLK.A	20
PLOG+1566	proteomics_log	434279	434338	+	2	9	K.GAEAAALTALEMINVLKAIKA.-	24
PLOG+1567	proteomics_log	434508	434576	+	3	39	R.ELLAGVATNTAYLDGLMKPYLSR.L	27
PLOG+1568	proteomics_log	434577	434618	+	3	45	R.LLEELGQVEKAVLR.I	18
PLOG+1569	proteomics_log	434577	434606	+	3	52	R.LLEELGQVEK.A	14
PLOG+1570	proteomics_log	434619	434645	+	3	2	R.IALYELSKR.S	13
PLOG+1571	proteomics_log	434643	434696	+	3	5	K.RSDVPYKVAINEAIELAK.S	22
PLOG+1572	proteomics_log	434697	434777	+	3	2	K.SFGAEDSHKFFVNGVLDKAAPVIRPNKK.-	31
PLOG+1573	proteomics_log	435446	435535	+	2	47	R.ILQGGALRDLANSALDLSGLISDLGHIVK.A	34
PLOG+1574	proteomics_log	435470	435535	+	2	5	R.DLANSALDLSGLISDLGHIVK.A	26
PLOG+1575	proteomics_log	435557	435598	+	2	9	R.IDLALLPFSDALSR.H	18
PLOG+1576	proteomics_log	440980	441051	+	1	3	R.IPGIHHILEVEDVPFTDMHDIFEK.A	28
PLOG+1577	proteomics_log	441487	441534	+	1	2	R.FVAINFEPVVGIELEK.I	20
PLOG+1578	proteomics_log	441679	441759	+	1	42	R.LIDNVSDTLILRPLISYDKEHIINLAR.Q	31
PLOG+1579	proteomics_log	442015	442086	+	1	15	R.SIDEQEDKPLKVEGIDVVSLPFYK.L	28
PLOG+1580	proteomics_log	443910	443954	+	3	258	M.PSFDIVSEVDLQEAR.N	19
PLOG+1581	proteomics_log	443955	443978	+	3	7	R.NAVDNASR.E	12
PLOG+1582	proteomics_log	443955	443993	+	3	49	R.NAVDNASREVESR.F	17
PLOG+1583	proteomics_log	443994	444104	+	3	8	R.FDFRNEASFELNDASKTIKVLSESDFQVNQLLDILR.A	41
PLOG+1584	proteomics_log	443994	444044	+	3	46	R.FDFRNEASFELNDASK.T	21
PLOG+1585	proteomics_log	443994	444053	+	3	52	R.FDFRNEASFELNDASKTIK.V	24
PLOG+1586	proteomics_log	444006	444053	+	3	2	R.NVEASFELNDASKTIK.V	20
PLOG+1587	proteomics_log	444006	444104	+	3	30	R.NVEASFELNDASKTIKVLSESDFQVNQLLDILR.A	37
PLOG+1588	proteomics_log	444006	444044	+	3	42	R.NVEASFELNDASK.T	17
PLOG+1589	proteomics_log	444045	444104	+	3	144	K.TIKVLSESDFQVNQLLDILR.A	24
PLOG+1590	proteomics_log	444054	444110	+	3	6	K.VLSESDFQVNQLLDILRAK.L	23
PLOG+1591	proteomics_log	444054	444092	+	3	14	K.VLSESDFQVNQLL.D	17
PLOG+1592	proteomics_log	444054	444104	+	3	290	K.VLSESDFQVNQLLDILR.A	21
PLOG+1593	proteomics_log	444111	444176	+	3	2	K.LLKRGIEGSSLDVPENIVHSGK.T	26
PLOG+1594	proteomics_log	444111	444197	+	3	3	K.LLKRGIEGSSLDVPENIVHSGKTWFVEAK.L	33
PLOG+1595	proteomics_log	444120	444176	+	3	32	K.RGIEGSSLDVPENIVHSGK.T	23
PLOG+1596	proteomics_log	444120	444197	+	3	91	K.RGIEGSSLDVPENIVHSGKTWFVEAK.L	30
PLOG+1597	proteomics_log	444123	444176	+	3	85	R.GIEGSSLDVPENIVHSGK.T	22
PLOG+1598	proteomics_log	444123	444197	+	3	90	R.GIEGSSLDVPENIVHSGKTWFVEAK.L	29
PLOG+1599	proteomics_log	444177	444197	+	3	2	K.TWFVEAK.L	11
PLOG+1600	proteomics_log	444198	444242	+	3	70	K.LKQGIESATQKKIVK.M	19
PLOG+1601	proteomics_log	444198	444230	+	3	73	K.LKQGIESATQK.K	15
PLOG+1602	proteomics_log	444198	444233	+	3	127	K.LKQGIESATQKK.I	16
PLOG+1603	proteomics_log	444243	444299	+	3	2	K.MIKDSKLVQAQIQGDEIR.V	23
PLOG+1604	proteomics_log	444243	444311	+	3	8	K.MIKDSKLVQAQIQGDEIRVTGK.S	27
PLOG+1605	proteomics_log	444261	444311	+	3	24	K.LKVQAQIQGDEIRVTGK.S	21
PLOG+1606	proteomics_log	444261	444299	+	3	36	K.LKVQAQIQGDEIR.V	17

PLOG+1607	proteomics_log	444267	444311	+	3	20	K.VQAQIQGDEIRVTGK.S	19
PLOG+1608	proteomics_log	444267	444299	+	3	43	K.VQAQIQGDEIR.V	15
PLOG+1609	proteomics_log	444300	444350	+	3	3	R.VTGKSRDDLQAVMAMVR.G	21
PLOG+1610	proteomics_log	444312	444350	+	3	2	K.SRDDLQAVMAM*VR.G	18
PLOG+1611	proteomics_log	444312	444350	+	3	328	K.SRDDLQAVMAMVR.G	17
PLOG+1612	proteomics_log	444318	444350	+	3	5	R.DDLQAVM*AM*VR.G	17
PLOG+1613	proteomics_log	444318	444350	+	3	7	R.DDLQAVMAMVR.G	15
PLOG+1614	proteomics_log	444351	444383	+	3	77	R.GGDLGQPFQFK.N	15
PLOG+1615	proteomics_log	444351	444395	+	3	168	R.GGDLGQPFQFKNFRD.-	19
PLOG+1616	proteomics_log	453870	453971	+	3	6	R.MIYSTLAEELSTTVHALALHTYTIKEWGLQDTV.F	38
PLOG+1617	proteomics_log	454357	454398	+	1	2	K.MQVSVETTQGLGRR.V	18
PLOG+1618	proteomics_log	454357	454395	+	1	59	K.M*QVSVETTQGLGR.R	18
PLOG+1619	proteomics_log	454357	454395	+	1	320	K.MQVSVETTQGLGR.R	17
PLOG+1620	proteomics_log	454360	454395	+	1	5	M.QVSVETTQGLGR.R	16
PLOG+1621	proteomics_log	454363	454395	+	1	18	Q.VSVETTQGLGR.R	15
PLOG+1622	proteomics_log	454366	454395	+	1	2	V.SVETTQGLGR.R	14
PLOG+1623	proteomics_log	454366	454467	+	1	41	V.SVETTQGLGRRVTITIAADSIETAVKSELNVAK.K	38
PLOG+1624	proteomics_log	454396	454446	+	1	3	R.RVTITIAADSIETAVKS.E	21
PLOG+1625	proteomics_log	454396	454476	+	1	165	R.RVTITIAADSIETAVKSELNVAKKVR.I	31
PLOG+1626	proteomics_log	454396	454470	+	1	226	R.RVTITIAADSIETAVKSELNVAKK.V	29
PLOG+1627	proteomics_log	454396	454443	+	1	237	R.RVTITIAADSIETAVK.S	20
PLOG+1628	proteomics_log	454396	454467	+	1	505	R.RVTITIAADSIETAVKSELNVAK.K	28
PLOG+1629	proteomics_log	454399	454491	+	1	2	R.VTITIAADSIETAVKSELNVAKKVRIDGFR.K	35
PLOG+1630	proteomics_log	454399	454443	+	1	42	R.VTITIAADSIETAVK.S	19
PLOG+1631	proteomics_log	454399	454476	+	1	61	R.VTITIAADSIETAVKSELNVAKKVR.I	30
PLOG+1632	proteomics_log	454399	454470	+	1	88	R.VTITIAADSIETAVKSELNVAKK.V	28
PLOG+1633	proteomics_log	454399	454467	+	1	219	R.VTITIAADSIETAVKSELNVAK.K	27
PLOG+1634	proteomics_log	454405	454467	+	1	17	T.ITIAADSIETAVKSELNVAK.K	25
PLOG+1635	proteomics_log	454411	454443	+	1	2	T.IAADSIETAVK.S	15
PLOG+1636	proteomics_log	454411	454467	+	1	26	T.IAADSIETAVKSELNVAK.K	23
PLOG+1637	proteomics_log	454444	454470	+	1	21	K.SELNVAKK.V	13
PLOG+1638	proteomics_log	454444	454467	+	1	25	K.SELNVAK.K	12
PLOG+1639	proteomics_log	454444	454476	+	1	69	K.SELNVAKKVR.I	15
PLOG+1640	proteomics_log	454477	454527	+	1	63	R.IDGFRKGKVPMNIVAQR.Y	21
PLOG+1641	proteomics_log	454492	454524	+	1	4	R.KGKVPMNIVAQ.R	15
PLOG+1642	proteomics_log	454492	454527	+	1	153	R.KGKVPMNIVAQR.Y	16
PLOG+1643	proteomics_log	454495	454524	+	1	4	K.GKVPMNIVAQ.R	14
PLOG+1644	proteomics_log	454495	454527	+	1	16	K.GKVP* NIVAQR.Y	16
PLOG+1645	proteomics_log	454495	454527	+	1	232	K.GKVPMNIVAQR.Y	15
PLOG+1646	proteomics_log	454501	454527	+	1	2	K.VPM* NIVAQR.Y	14
PLOG+1647	proteomics_log	454501	454527	+	1	16	K.VPMNIVAQR.Y	13
PLOG+1648	proteomics_log	454525	454575	+	1	2	Q.RYGASVRQDVLGDLM*SR.N	22
PLOG+1649	proteomics_log	454525	454575	+	1	9	Q.RYGASVRQDVLGDLM*SR.N	21
PLOG+1650	proteomics_log	454528	454575	+	1	5	R.YGASVRQDVLGDLM*SR.N	21
PLOG+1651	proteomics_log	454528	454575	+	1	299	R.YGASVRQDVLGDLM*SR.N	20
PLOG+1652	proteomics_log	454531	454575	+	1	5	Y.GASVRQDVLGDLM*SR.N	19

PLOG+1653	proteomics_log	454546	454605	+	1	12	R.QDVLGDLMsrnFIDAIIEK.I	24
PLOG+1654	proteomics_log	454546	454575	+	1	28	R.QDVLGDLM*SR.N	15
PLOG+1655	proteomics_log	454546	454575	+	1	273	R.QDVLGDLMsr.N	14
PLOG+1656	proteomics_log	454576	454599	+	1	2	R.NFIDAIIEK.E	12
PLOG+1657	proteomics_log	454576	454650	+	1	210	R.NFIDAIIEKINPAGAPTYVPGEYK.L	29
PLOG+1658	proteomics_log	454576	454605	+	1	263	R.NFIDAIIEK.I	14
PLOG+1659	proteomics_log	454606	454650	+	1	116	K.INPAGAPTYVPGEYK.L	19
PLOG+1660	proteomics_log	454813	454845	+	1	17	K.EKDGAVEAEDR.V	15
PLOG+1661	proteomics_log	454846	454899	+	1	3	R.VTIDFTGSVDGEEFEGGK.A	22
PLOG+1662	proteomics_log	454846	454935	+	1	14	R.VTIDFTGSVDGEEFEGGKASDFVLAMGQGR.M	34
PLOG+1663	proteomics_log	454900	454935	+	1	5	K.ASDFVLAM*GQGR.M	17
PLOG+1664	proteomics_log	454900	454935	+	1	238	K.ASDFVLAMGQGR.M	16
PLOG+1665	proteomics_log	454936	455052	+	1	2	R.M*IPGFEDGIKGHKAGEEFTIDVTFPEEYHAENLKGKAAK.F	44
PLOG+1666	proteomics_log	454936	455043	+	1	3	R.M*IPGFEDGIKGHKAGEEFTIDVTFPEEYHAENLKGK.A	41
PLOG+1667	proteomics_log	454936	454974	+	1	6	R.M*IPGFEDGIKGHK.A	18
PLOG+1668	proteomics_log	454936	455043	+	1	43	R.MIPGFEDGIKGHKAGEEFTIDVTFPEEYHAENLKGK.A	40
PLOG+1669	proteomics_log	454936	454974	+	1	61	R.MIPGFEDGIKGHK.A	17
PLOG+1670	proteomics_log	454942	454974	+	1	2	I.PGFEDGIKGHK.A	15
PLOG+1671	proteomics_log	454966	455043	+	1	3	K.GHKAGEEFTIDVTFPEEYHAENLKGK.A	30
PLOG+1672	proteomics_log	454975	455037	+	1	26	K.AGEEFTIDVTFPEEYHAENLK.G	25
PLOG+1673	proteomics_log	454975	455052	+	1	34	K.AGEEFTIDVTFPEEYHAENLKGKAAK.F	30
PLOG+1674	proteomics_log	454975	455043	+	1	153	K.AGEEFTIDVTFPEEYHAENLKGK.A	27
PLOG+1675	proteomics_log	455008	455043	+	1	2	F.PEEYHAENLKGK.A	16
PLOG+1676	proteomics_log	455044	455085	+	1	2	K.AAKFAINLKKVEER.E	18
PLOG+1677	proteomics_log	455044	455121	+	1	11	K.AAKFAINLKKVEERELPELTAEFIKR.F	30
PLOG+1678	proteomics_log	455044	455070	+	1	28	K.AAKFAINLK.K	13
PLOG+1679	proteomics_log	455053	455085	+	1	57	K.FAINLKKVEER.E	15
PLOG+1680	proteomics_log	455053	455118	+	1	74	K.FAINLKKVEERELPELTAEFIKR.R	26
PLOG+1681	proteomics_log	455053	455121	+	1	85	K.FAINLKKVEERELPELTAEFIKR.F	27
PLOG+1682	proteomics_log	455071	455118	+	1	17	K.KVEERELPELTAEFIKR.R	20
PLOG+1683	proteomics_log	455071	455121	+	1	220	K.KVEERELPELTAEFIKR.F	21
PLOG+1684	proteomics_log	455074	455121	+	1	124	K.VEERELPELTAEFIKR.F	20
PLOG+1685	proteomics_log	455086	455118	+	1	92	R.ELPELTAEFIKR.R	15
PLOG+1686	proteomics_log	455086	455121	+	1	157	R.ELPELTAEFIKR.F	16
PLOG+1687	proteomics_log	455092	455121	+	1	38	L.PELTAEFIKR.F	14
PLOG+1688	proteomics_log	455119	455157	+	1	28	K.RFGVEDGSVEGLR.A	17
PLOG+1689	proteomics_log	455122	455172	+	1	11	R.FGVEDGSVEGLRAEVRK.N	21
PLOG+1690	proteomics_log	455122	455169	+	1	38	R.FGVEDGSVEGLRAEVR.K	20
PLOG+1691	proteomics_log	455122	455157	+	1	138	R.FGVEDGSVEGLR.A	16
PLOG+1692	proteomics_log	455170	455193	+	1	19	R.KNMERELK.S	12
PLOG+1693	proteomics_log	455185	455205	+	1	2	R.ELKS AIR.N	11
PLOG+1694	proteomics_log	455194	455301	+	1	3	K.SAIRNRVKSQAIEGLVKANDIDVPAALIDSEIDVLR.R	40
PLOG+1695	proteomics_log	455206	455244	+	1	3	R.NRVKSQAIEGLVK.A	17
PLOG+1696	proteomics_log	455206	455301	+	1	9	R.NRVKSQAIEGLVKANDIDVPAALIDSEIDVLR.R	36
PLOG+1697	proteomics_log	455206	455304	+	1	15	R.NRVKSQAIEGLVKANDIDVPAALIDSEIDVLR.R.Q	37
PLOG+1698	proteomics_log	455212	455319	+	1	5	R.VKSQAIEGLVKANDIDVPAALIDSEIDVLR.R.QAAQR.F	40

PLOG+1699	proteomics_log	455212	455244	+	1	60	R.VKSQAIEGLVK.A	15
PLOG+1700	proteomics_log	455212	455301	+	1	184	R.VKSQAIEGLVKANDIDVPAALIDSEIDVLR.R	34
PLOG+1701	proteomics_log	455212	455304	+	1	251	R.VKSQAIEGLVKANDIDVPAALIDSEIDVLR.R.Q	35
PLOG+1702	proteomics_log	455218	455319	+	1	10	K.SQAIEGLVKANDIDVPAALIDSEIDVLR.R.QAAQR.F	38
PLOG+1703	proteomics_log	455218	455244	+	1	89	K.SQAIEGLVK.A	13
PLOG+1704	proteomics_log	455218	455301	+	1	201	K.SQAIEGLVKANDIDVPAALIDSEIDVLR.R	32
PLOG+1705	proteomics_log	455218	455304	+	1	345	K.SQAIEGLVKANDIDVPAALIDSEIDVLR.R.Q	33
PLOG+1706	proteomics_log	455245	455304	+	1	18	K.ANDIDVPAALIDSEIDVLR.R.Q	24
PLOG+1707	proteomics_log	455245	455301	+	1	460	K.ANDIDVPAALIDSEIDVLR.R	23
PLOG+1708	proteomics_log	455263	455304	+	1	54	V.PAALIDSEIDVLR.R.Q	18
PLOG+1709	proteomics_log	455305	455382	+	1	2	R.QAAQRFGGNEKQALELPRELFEEQAK.R	30
PLOG+1710	proteomics_log	455305	455337	+	1	13	R.QAAQRFGGNEK.Q	15
PLOG+1711	proteomics_log	455320	455388	+	1	41	R.FGGNEKQALELPRELFEEQAKRR.V	27
PLOG+1712	proteomics_log	455320	455382	+	1	96	R.FGGNEKQALELPRELFEEQAK.R	25
PLOG+1713	proteomics_log	455320	455385	+	1	99	R.FGGNEKQALELPRELFEEQAKR.R	26
PLOG+1714	proteomics_log	455320	455358	+	1	144	R.FGGNEKQALELPR.E	17
PLOG+1715	proteomics_log	455338	455388	+	1	9	K.QALELPRELFEEQAKRR.V	21
PLOG+1716	proteomics_log	455338	455385	+	1	12	K.QALELPRELFEEQAKR.R	20
PLOG+1717	proteomics_log	455338	455382	+	1	100	K.QALELPRELFEEQAK.R	19
PLOG+1718	proteomics_log	455359	455385	+	1	2	R.ELFEEQAKR.R	13
PLOG+1719	proteomics_log	455359	455382	+	1	30	R.ELFEEQAK.R	12
PLOG+1720	proteomics_log	455383	455424	+	1	48	K.RRVVGLLLGEVIR.T	18
PLOG+1721	proteomics_log	455386	455454	+	1	6	R.RVVVGLLLGEVIRTNELKADEER.V	27
PLOG+1722	proteomics_log	455386	455424	+	1	190	R.RVVVGLLLGEVIR.T	17
PLOG+1723	proteomics_log	455389	455439	+	1	64	R.VVVGLLLGEVIRTNELK.A	21
PLOG+1724	proteomics_log	455389	455460	+	1	170	R.VVVGLLLGEVIRTNELKADEERVK.G	28
PLOG+1725	proteomics_log	455389	455454	+	1	266	R.VVVGLLLGEVIRTNELKADEER.V	26
PLOG+1726	proteomics_log	455389	455424	+	1	851	R.VVVGLLLGEVIR.T	16
PLOG+1727	proteomics_log	455425	455526	+	1	5	R.TNELKADEERVKGLIEEM*ASAYEDPKEVIEFYK.N	39
PLOG+1728	proteomics_log	455425	455532	+	1	6	R.TNELKADEERVKGLIEEMASAYEDPKEVIEFYK.NK.E	40
PLOG+1729	proteomics_log	455425	455526	+	1	67	R.TNELKADEERVKGLIEEMASAYEDPKEVIEFYK.N	38
PLOG+1730	proteomics_log	455425	455454	+	1	193	R.TNELKADEER.V	14
PLOG+1731	proteomics_log	455425	455460	+	1	195	R.TNELKADEERVK.G	16
PLOG+1732	proteomics_log	455440	455526	+	1	2	K.ADEERVKGLIEEMASAYEDPKEVIEFYK.N	33
PLOG+1733	proteomics_log	455455	455553	+	1	2	R.VKGLIEEM*ASAYEDPKEVIEFYK.NKELM*DNM*R.N	40
PLOG+1734	proteomics_log	455455	455526	+	1	8	R.VKGLIEEM*ASAYEDPKEVIEFYK.N	29
PLOG+1735	proteomics_log	455455	455553	+	1	21	R.VKGLIEEMASAYEDPKEVIEFYK.NKELMDNMR.N	37
PLOG+1736	proteomics_log	455455	455532	+	1	26	R.VKGLIEEMASAYEDPKEVIEFYK.NK.E	30
PLOG+1737	proteomics_log	455455	455526	+	1	206	R.VKGLIEEMASAYEDPKEVIEFYK.N	28
PLOG+1738	proteomics_log	455461	455553	+	1	2	K.GLIEEMASAYEDPKEVIEFYK.NKELM*DNM*R.N	37
PLOG+1739	proteomics_log	455461	455526	+	1	4	K.GLIEEM*ASAYEDPKEVIEFYK.N	27
PLOG+1740	proteomics_log	455461	455532	+	1	18	K.GLIEEMASAYEDPKEVIEFYK.NK.E	28
PLOG+1741	proteomics_log	455461	455553	+	1	151	K.GLIEEMASAYEDPKEVIEFYK.NKELMDNMR.N	35
PLOG+1742	proteomics_log	455461	455526	+	1	260	K.GLIEEMASAYEDPKEVIEFYK.N	26
PLOG+1743	proteomics_log	455527	455607	+	1	2	K.NKELM*DNM*RNVALEEQAVALAKAV.T	33
PLOG+1744	proteomics_log	455527	455553	+	1	3	K.NKELM*DNM*R.N	15

PLOG+1745	proteomics_log	455527	455598	+	1	3	K.NKELM*DNM*RNVALEEQA VEAVLAK.A	30
PLOG+1746	proteomics_log	455527	455553	+	1	4	K.NKELM*DNMR.N	14
PLOG+1747	proteomics_log	455527	455553	+	1	20	K.NKELMDNM*R.N	14
PLOG+1748	proteomics_log	455527	455598	+	1	107	K.NKELMDNMRNVALEEQA VEAVLAK.A	28
PLOG+1749	proteomics_log	455527	455553	+	1	143	K.NKELMDNMR.N	13
PLOG+1750	proteomics_log	455533	455598	+	1	15	K.ELMDNMRNVALEEQA VEAVLAK.A	26
PLOG+1751	proteomics_log	455554	455595	+	1	2	R.NVALEEQA VEAVLA.K	18
PLOG+1752	proteomics_log	455554	455652	+	1	52	R.NVALEEQA VEAVLAKAKVTEKETFNELMNQQA.-	37
PLOG+1753	proteomics_log	455554	455604	+	1	63	R.NVALEEQA VEAVLAKAK.V	21
PLOG+1754	proteomics_log	455554	455598	+	1	692	R.NVALEEQA VEAVLAK.A	19
PLOG+1755	proteomics_log	455599	455652	+	1	16	K.AKVTEKETFNELM*NQQA.-	23
PLOG+1756	proteomics_log	455599	455652	+	1	378	K.AKVTEKETFNELMNQQA.-	22
PLOG+1757	proteomics_log	455605	455652	+	1	6	K.VTEKETFNELM*NQQA.-	21
PLOG+1758	proteomics_log	455605	455652	+	1	361	K.VTEKETFNELMNQQA.-	20
PLOG+1759	proteomics_log	455617	455652	+	1	9	K.ETTFNELM*NQQA.-	17
PLOG+1760	proteomics_log	455617	455652	+	1	13	K.ETTFNELMNQQA.-	16
PLOG+1761	proteomics_log	455943	455978	+	3	32	M.ALVPMVIEQTSR.G	16
PLOG+1762	proteomics_log	455988	456008	+	3	2	R.SFDIYSR.L	11
PLOG+1763	proteomics_log	456297	456362	+	3	18	R.VM*IHQPLGGYQGQATDIEIHAR.E	27
PLOG+1764	proteomics_log	456297	456362	+	3	78	R.VMIHQPLGGYQGQATDIEIHAR.E	26
PLOG+1765	proteomics_log	456363	456386	+	3	4	R.EILKVKGR.M	12
PLOG+1766	proteomics_log	456381	456440	+	3	2	K.GRMNELMALHTGQSLEQIER.D	24
PLOG+1767	proteomics_log	456387	456440	+	3	2	R.MNELM*ALHTGQSLEQIER.D	23
PLOG+1768	proteomics_log	456387	456440	+	3	10	R.MNELMALHTGQSLEQIER.D	22
PLOG+1769	proteomics_log	456387	456458	+	3	16	R.MNELMALHTGQSLEQIERDTERDR.F	28
PLOG+1770	proteomics_log	456441	456521	+	3	19	R.DTERDRFLSAPEAVEYGLVDSILTHR.-	31
PLOG+1771	proteomics_log	456453	456521	+	3	28	R.DRFLSAPEAVEYGLVDSILTHR.-	27
PLOG+1772	proteomics_log	456459	456518	+	3	4	R.FLSAPEAVEYGLVDSILTHR.N	24
PLOG+1773	proteomics_log	456459	456521	+	3	122	R.FLSAPEAVEYGLVDSILTHR.-	25
PLOG+1774	proteomics_log	456833	456907	+	2	2	R.SALPTPHEIRNHLDDYVIGQEQA K.V	29
PLOG+1775	proteomics_log	456833	456904	+	2	6	R.SALPTPHEIRNHLDDYVIGQEQA K.K	28
PLOG+1776	proteomics_log	456863	456904	+	2	6	R.NHLDDYVIGQEQA K.K	18
PLOG+1777	proteomics_log	456905	456940	+	2	2	K.KVLAVAVYNHYK.R	16
PLOG+1778	proteomics_log	456908	456943	+	2	3	K.VLAVAVYNHYKR.L	16
PLOG+1779	proteomics_log	456944	456985	+	2	3	R.LRNGDTSNGVELGK.S	18
PLOG+1780	proteomics_log	456944	457051	+	2	4	R.LRNGDTSNGVELGKSNILLIGPTGSGKTLAETLAR.L	40
PLOG+1781	proteomics_log	456950	456985	+	2	6	R.NGDTSNGVELGK.S	16
PLOG+1782	proteomics_log	456950	457051	+	2	10	R.NGDTSNGVELGKSNILLIGPTGSGKTLAETLAR.L	38
PLOG+1783	proteomics_log	456986	457051	+	2	3	K.SNILLIGPTGSGKTLAETLAR.L	26
PLOG+1784	proteomics_log	456986	457024	+	2	4	K.SNILLIGPTGSGK.T	17
PLOG+1785	proteomics_log	457025	457051	+	2	47	K.TLLAETLAR.L	13
PLOG+1786	proteomics_log	457052	457153	+	2	5	R.LLDVPFTM*ADATTLTEAGYVGEDVENIIQKLLQK.C	39
PLOG+1787	proteomics_log	457052	457141	+	2	13	R.LLDVPFTM*ADATTLTEAGYVGEDVENIIQK.L	35
PLOG+1788	proteomics_log	457052	457141	+	2	107	R.LLDVPFTMADATTLTEAGYVGEDVENIIQK.L	34
PLOG+1789	proteomics_log	457052	457153	+	2	192	R.LLDVPFTMADATTLTEAGYVGEDVENIIQKLLQK.C	38
PLOG+1790	proteomics_log	457103	457153	+	2	2	A.GYVGEDVENIIQKLLQK.C	21

PLOG+1791	proteomics_log	457184	457222	+	2	196	R.GIVYIDEIDKISR.K	17
PLOG+1792	proteomics_log	457223	457288	+	2	18	R.KSDNPSITRDVSGEGVQQALLK.L	26
PLOG+1793	proteomics_log	457223	457249	+	2	68	R.KSDNPSITR.D	13
PLOG+1794	proteomics_log	457250	457288	+	2	178	R.DVSGEGVQQALLK.L	17
PLOG+1795	proteomics_log	457289	457333	+	2	2	K.LIEGTVAAVPPQGGR.K	19
PLOG+1796	proteomics_log	457334	457375	+	2	12	R.KHPQQEFLQVDTSK.I	18
PLOG+1797	proteomics_log	457433	457474	+	2	8	R.VETGSGIGFGATVK.A	18
PLOG+1798	proteomics_log	457475	457540	+	2	5	K.AKSDKASEGELLAQVEPEDLIK.F	26
PLOG+1799	proteomics_log	457481	457540	+	2	2	K.SDKASEGELLAQVEPEDLIK.F	24
PLOG+1800	proteomics_log	457490	457540	+	2	5	K.ASEGELLAQVEPEDLIK.F	21
PLOG+1801	proteomics_log	457541	457630	+	2	2	K.FGLIPEFIGRLPVVATLNELSEEALIQLK.E	34
PLOG+1802	proteomics_log	457541	457570	+	2	4	K.FGLIPEFIGR.L	14
PLOG+1803	proteomics_log	457541	457654	+	2	9	K.FGLIPEFIGRLPVVATLNELSEEALIQLKEPKNALTK.Q	42
PLOG+1804	proteomics_log	457541	457639	+	2	297	K.FGLIPEFIGRLPVVATLNELSEEALIQLKEPK.N	37
PLOG+1805	proteomics_log	457571	457639	+	2	30	R.LPVVATLNELSEEALIQLKEPK.N	27
PLOG+1806	proteomics_log	457640	457732	+	2	5	K.NALTKQYQALFNLEGVDLEFRDEALDAIAK.A	35
PLOG+1807	proteomics_log	457640	457729	+	2	6	K.NALTKQYQALFNLEGVDLEFRDEALDAIAK.K	34
PLOG+1808	proteomics_log	457655	457729	+	2	29	K.QYQALFNLEGVDLEFRDEALDAIAK.K	29
PLOG+1809	proteomics_log	457655	457732	+	2	35	K.QYQALFNLEGVDLEFRDEALDAIAK.A	30
PLOG+1810	proteomics_log	457769	457882	+	2	3	R.SIVEAALLDTMYDLPSMEDVEKVVIDESVIDGQSKPLL.I	42
PLOG+1811	proteomics_log	457769	457834	+	2	3	R.SIVEAALLDTM*YDLPSM*EDVEK.V	28
PLOG+1812	proteomics_log	457769	457834	+	2	59	R.SIVEAALLDTMYDLPSMEDVEK.V	26
PLOG+1813	proteomics_log	457835	457921	+	2	22	K.VVIDESVIDGQSKPLLTYGKPEAQQASGE.-	33
PLOG+1814	proteomics_log	458127	458216	+	3	3	R.SERIEIPVPLRDVVVYPHMMVIPLFVGREK.S	34
PLOG+1815	proteomics_log	458127	458210	+	3	20	R.SERIEIPVPLRDVVVYPHMMVIPLFVGR.E	32
PLOG+1816	proteomics_log	458136	458216	+	3	7	R.IEIPVPLRDVVVYPHMMVIPLFVGREK.S	31
PLOG+1817	proteomics_log	458136	458210	+	3	48	R.IEIPVPLRDVVVYPHMMVIPLFVGR.E	29
PLOG+1818	proteomics_log	458259	458357	+	3	4	K.IMLVAQKEASTDEPGVNDLFTVGTVASILQMLK.L	37
PLOG+1819	proteomics_log	458259	458378	+	3	11	K.IMLVAQKEASTDEPGVNDLFTVGTVASILQMLKLPDGTVK.V	44
PLOG+1820	proteomics_log	458280	458402	+	3	2	K.EASTDEPGVNDLFTVGTVASILQMLKLPDGTVKVLVEGLQR.A	45
PLOG+1821	proteomics_log	458280	458378	+	3	5	K.EASTDEPGVNDLFTVGTVASILQMLKLPDGTVK.V	37
PLOG+1822	proteomics_log	458280	458357	+	3	6	K.EASTDEPGVNDLFTVGTVASILQMLK.L	30
PLOG+1823	proteomics_log	458379	458402	+	3	3	K.VLVEGLQR.A	12
PLOG+1824	proteomics_log	458409	458450	+	3	4	R.ISALSDNGEHFSAK.A	18
PLOG+1825	proteomics_log	458508	458540	+	3	2	R.TAISQFEGYIK.L	15
PLOG+1826	proteomics_log	458652	458747	+	3	2	K.QSVLEMSDVNERLEYLMAMMESEIDLLQVEKR.I	36
PLOG+1827	proteomics_log	458781	458816	+	3	2	K.SQREYLLNEQM*K.A	17
PLOG+1828	proteomics_log	458781	458816	+	3	4	K.SQREYLLNEQMK.A	16
PLOG+1829	proteomics_log	458817	458879	+	3	5	K.AIQKELGEM*DDAPDENEALKR.K	26
PLOG+1830	proteomics_log	458817	458879	+	3	72	K.AIQKELGEMDDAPDENEALKR.K	25
PLOG+1831	proteomics_log	458907	458948	+	3	2	K.EAKEAEELQKLM	18
PLOG+1832	proteomics_log	458916	458948	+	3	4	K.EKAEELQKLM	15
PLOG+1833	proteomics_log	458949	458987	+	3	2	K.M*M*SPM*SAEATVVR.G	20
PLOG+1834	proteomics_log	458949	458987	+	3	78	K.MMSPMSAEATVVR.G	17
PLOG+1835	proteomics_log	458988	459029	+	3	42	R.GYIDWMVQVPWNAR.S	18
PLOG+1836	proteomics_log	459054	459098	+	3	13	R.QAQEILDTDHYGLER.V	19



PLOG+1837	proteomics_log	459099	459140	+	3	9	R.VKDRILEYLAVQSR.V	18
PLOG+1838	proteomics_log	459111	459140	+	3	75	R.ILEYLAVQSR.V	14
PLOG+1839	proteomics_log	459198	459224	+	3	2	K.TSLGQSIK.A	13
PLOG+1840	proteomics_log	459249	459287	+	3	7	R.MALGGVRDEAEIR.G	17
PLOG+1841	proteomics_log	459300	459338	+	3	3	R.TYIGSM*PGKLIQK.M	18
PLOG+1842	proteomics_log	459300	459338	+	3	42	R.TYIGSMPGKLIQK.M	17
PLOG+1843	proteomics_log	459339	459425	+	3	4	K.MAKVGVKNPLFLLEIDKMSSDMRGPAS.A	33
PLOG+1844	proteomics_log	459348	459392	+	3	23	K.VGVKNPLFLLEIDK.M	19
PLOG+1845	proteomics_log	459348	459410	+	3	76	K.VGVKNPLFLLEIDKMSSDMR.G	25
PLOG+1846	proteomics_log	459579	459623	+	3	10	R.LSGYTEDEKLNIAKR.H	19
PLOG+1847	proteomics_log	459651	459710	+	3	6	R.NALKKGELTVDDSAIIGIIR.Y	24
PLOG+1848	proteomics_log	459801	459860	+	3	3	K.SLKHIEINGDNLHDYLGVR.F	24
PLOG+1849	proteomics_log	459981	460049	+	3	33	K.LTYTGSLSGEVMQESIQAALTVVR.A	27
PLOG+1850	proteomics_log	460056	460097	+	3	18	R.AEKLGINPDFYEKR.D	18
PLOG+1851	proteomics_log	460065	460097	+	3	4	K.LGINPDFYEKR.D	15
PLOG+1852	proteomics_log	460098	460136	+	3	3	R.DIHVHVPEGATPK.D	17
PLOG+1853	proteomics_log	460242	460277	+	3	7	R.GQVLPIGGLKEK.L	16
PLOG+1854	proteomics_log	460278	460307	+	3	3	K.LLAHRGGIK.T	14
PLOG+1855	proteomics_log	460278	460337	+	3	9	K.LLAHRGGIKTVLIPFENKR.D	24
PLOG+1856	proteomics_log	460338	460463	+	3	2	R.DLEEIPDNVIADLDIHPVKRIEEVLTALQNEPSGM*QVVTAK.-	47
PLOG+1857	proteomics_log	460338	460463	+	3	12	R.DLEEIPDNVIADLDIHPVKRIEEVLTALQNEPSGMQVVTAK.-	46
PLOG+1858	proteomics_log	460338	460397	+	3	32	R.DLEEIPDNVIADLDIHPVKR.I	24
PLOG+1859	proteomics_log	460398	460463	+	3	3	R.IEEVLTALQNEPSGM*QVVTAK.-	27
PLOG+1860	proteomics_log	460398	460463	+	3	51	R.IEEVLTALQNEPSGMQVVTAK.-	26
PLOG+1861	proteomics_log	460684	460743	+	1	266	K.SQLIDKIAAGADISKAAAGR.A	24
PLOG+1862	proteomics_log	460684	460728	+	1	321	K.SQLIDKIAAGADISK.A	19
PLOG+1863	proteomics_log	460702	460728	+	1	110	K.IAAGADISK.A	13
PLOG+1864	proteomics_log	460702	460743	+	1	148	K.IAAGADISKAAAGR.A	18
PLOG+1865	proteomics_log	460729	460833	+	1	20	K.AAAGRALDAIIASVTESLKEGDDVALVGFGTFAVK.E	39
PLOG+1866	proteomics_log	460729	460839	+	1	117	K.AAAGRALDAIIASVTESLKEGDDVALVGFGTFAVKER.A	41
PLOG+1867	proteomics_log	460744	460803	+	1	3	R.ALDIIASVTESLKEGDDVA.L	24
PLOG+1868	proteomics_log	460744	460848	+	1	19	R.ALDIIASVTESLKEGDDVALVGFGTFAVKERAAR.T	39
PLOG+1869	proteomics_log	460744	460785	+	1	81	R.ALDIIASVTESLK.E	18
PLOG+1870	proteomics_log	460744	460833	+	1	1853	R.ALDIIASVTESLKEGDDVALVGFGTFAVK.E	34
PLOG+1871	proteomics_log	460744	460839	+	1	4984	R.ALDIIASVTESLKEGDDVALVGFGTFAVKER.A	36
PLOG+1872	proteomics_log	460765	460839	+	1	19	A.SVTESLKEGDDVALVGFGTFAVKER.A	29
PLOG+1873	proteomics_log	460768	460839	+	1	5	S.VTESLKEGDDVALVGFGTFAVKER.A	28
PLOG+1874	proteomics_log	460771	460833	+	1	2	V.TESLKEGDDVALVGFGTFAVK.E	25
PLOG+1875	proteomics_log	460786	460833	+	1	7	K.EGDDVALVGFGTFAVK.E	20
PLOG+1876	proteomics_log	460840	460914	+	1	18	R.AARTGRNPQTGKEITIAAAKVPSFR.A	29
PLOG+1877	proteomics_log	460840	460899	+	1	50	R.AARTGRNPQTGKEITIAAAK.V	24
PLOG+1878	proteomics_log	460849	460944	+	1	2	R.TGRNPQTGKEITIAAAKVPSFRAGKALDAVN.-	36
PLOG+1879	proteomics_log	460849	460923	+	1	74	R.TGRNPQTGKEITIAAAKVPSFRAGK.A	29
PLOG+1880	proteomics_log	460849	460914	+	1	265	R.TGRNPQTGKEITIAAAKVPSFR.A	26
PLOG+1881	proteomics_log	460849	460899	+	1	403	R.TGRNPQTGKEITIAAAK.V	21
PLOG+1882	proteomics_log	460858	460914	+	1	25	R.NPQTGKEITIAAAKVPSFR.A	23

PLOG+1883	proteomics_log	460858	460899	+	1	54	R.NPQTGKEITIAAAK.V	18
PLOG+1884	proteomics_log	460876	460914	+	1	32	K.EITIAAAKVPSFR.A	17
PLOG+1885	proteomics_log	460900	460944	+	1	5	K.VPSFRAGKALKDAVN.-	19
PLOG+1886	proteomics_log	460915	460944	+	1	255	R.AGKALKDAVN.-	14
PLOG+1887	proteomics_log	461295	461327	+	3	6	R.GQFENAFNSER.N	15
PLOG+1888	proteomics_log	461334	461393	+	3	7	R.MQQQLGDQYSELAANEGYMK.T	24
PLOG+1889	proteomics_log	461394	461456	+	3	2	K.TLRQQVLNRLIDEALLDQYAR.E	25
PLOG+1890	proteomics_log	461394	461420	+	3	7	K.TLRQQVLNR.L	13
PLOG+1891	proteomics_log	461421	461456	+	3	114	R.LIDEALLDQYAR.E	16
PLOG+1892	proteomics_log	461610	461711	+	3	24	R.NQLTTQQLINGVAGTDFMLKGETDELAALVAQQR.V	38
PLOG+1893	proteomics_log	461943	462038	+	3	3	R.TRYSIIQTKTEDEAKAVLDELNKGDFAAALAK.E	36
PLOG+1894	proteomics_log	461943	462044	+	3	4	R.TRYSIIQTKTEDEAKAVLDELNKGDFAAALAKEK.S	38
PLOG+1895	proteomics_log	461949	462044	+	3	6	R.YSIIQTKTEDEAKAVLDELNKGDFAAALAKEK.S	36
PLOG+1896	proteomics_log	461949	462038	+	3	13	R.YSIIQTKTEDEAKAVLDELNKGDFAAALAK.E	34
PLOG+1897	proteomics_log	461970	462068	+	3	2	K.TEDEAKAVLDELNKGDFAAALAKEKSADIISAR.N	37
PLOG+1898	proteomics_log	461970	462038	+	3	13	K.TEDEAKAVLDELNKGDFAAALAK.E	27
PLOG+1899	proteomics_log	461970	462044	+	3	23	K.TEDEAKAVLDELNKGDFAAALAKEK.S	29
PLOG+1900	proteomics_log	461988	462038	+	3	31	K.AVLDELNKGDFAAALAK.E	21
PLOG+1901	proteomics_log	462045	462068	+	3	21	K.SADIISAR.N	12
PLOG+1902	proteomics_log	462069	462143	+	3	7	R.NGGDMGWLEDATIPDELKNAGLKEK.G	29
PLOG+1903	proteomics_log	462168	462224	+	3	4	K.SSVGFLIVRLDDIQPAKVK.S	23
PLOG+1904	proteomics_log	462168	462194	+	3	5	K.SSVGFLIVR.L	13
PLOG+1905	proteomics_log	462195	462224	+	3	46	R.LDDIQPAKVK.S	14
PLOG+1906	proteomics_log	462225	462308	+	3	2	K.SLDEVRRDDIAAKVKHEKALDAYYALQQK.V	32
PLOG+1907	proteomics_log	462225	462275	+	3	5	K.SLDEVRRDDIAAKVKHEK.A	21
PLOG+1908	proteomics_log	462225	462260	+	3	82	K.SLDEVRRDDIAAK.V	16
PLOG+1909	proteomics_log	462276	462308	+	3	28	K.ALDAYYALQQK.V	15
PLOG+1910	proteomics_log	462309	462374	+	3	24	K.VSDAASNDTESLAGAEQAAGVK.A	26
PLOG+1911	proteomics_log	462540	462599	+	3	93	R.ISEHKPEAVKPLADVQEQQV.A	24
PLOG+1912	proteomics_log	462600	462653	+	3	7	K.ALVQHNKAEQQAKVDAEK.L	22
PLOG+1913	proteomics_log	462600	462638	+	3	37	K.ALVQHNKAEQQAK.V	17
PLOG+1914	proteomics_log	462654	462728	+	3	2	K.LLVDLKAGKGAEAMQAAGLKFGEPK.T	29
PLOG+1915	proteomics_log	462672	462740	+	3	2	K.AGKGAEAM*QAAGLKFGEPKTLRS.S	28
PLOG+1916	proteomics_log	462672	462713	+	3	6	K.AGKGAEAMQAAGLK.F	18
PLOG+1917	proteomics_log	462681	462713	+	3	3	K.GAEAMQAAGLK.F	15
PLOG+1918	proteomics_log	462897	462977	+	3	4	K.AMVQGITQNNAQIVFEALMSNLRKEAK.I	31
PLOG+1919	proteomics_log	462897	462968	+	3	84	K.AMVQGITQNNAQIVFEALMSNLRK.E	28
PLOG+1920	proteomics_log	462978	463007	+	3	110	K.IKIGDALEQQ.-	14
PLOG+1921	proteomics_log	474774	474866	+	3	2	R.QKVALPPDAVLTVTLSDASLADAPSKVLAQK.A	35
PLOG+1922	proteomics_log	474780	474851	+	3	12	K.VALPPDAVLTVTLSDASLADAPSK.V	28
PLOG+1923	proteomics_log	474867	474947	+	3	2	K.AVRTEGKQSPFSFVLSFNPADVQPNAR.I	31
PLOG+1924	proteomics_log	474876	474947	+	3	4	R.TEGKQSPFSFVLSFNPADVQPNAR.I	28
PLOG+1925	proteomics_log	474888	474947	+	3	39	K.QSPFSFVLSFNPADVQPNAR.I	24
PLOG+1926	proteomics_log	485019	485093	+	3	3	K.RANTSSMWLYVFSHSRGYHPPRWAR.L	29
PLOG+1927	proteomics_log	486468	486494	+	3	3	R.DYVTANSAR.L	13
PLOG+1928	proteomics_log	486495	486539	+	3	3	R.LEHQLQLLQEAVNSK.R	19

PLOG+1929	proteomics_log	486561	486599	+	3	2	K.TAQEAVSPDEAAR.I	17
PLOG+1930	proteomics_log	490639	490722	+	1	2	M.TATAQQLEYLKNISIQDYKPGILFR.D	32
PLOG+1931	proteomics_log	490639	490671	+	1	10	M.TATAQQLEYLK.N	15
PLOG+1932	proteomics_log	490639	490683	+	1	34	M.TATAQQLEYLKNISIK.S	19
PLOG+1933	proteomics_log	490684	490722	+	1	16	K.SIQDYKPGILFR.D	17
PLOG+1934	proteomics_log	490684	490788	+	1	27	K.SIQDYKPGILFRDVTSLLEDPKAYALSIDLLVER.Y	39
PLOG+1935	proteomics_log	490723	490752	+	1	2	R.DVTSLLEDPK.A	14
PLOG+1936	proteomics_log	490723	490788	+	1	68	R.DVTSLLEDPKAYALSIDLLVER.Y	26
PLOG+1937	proteomics_log	490789	490812	+	1	2	R.YKNAGITK.V	12
PLOG+1938	proteomics_log	490789	490833	+	1	4	R.YKNAGITKVVGTPEAR.G	19
PLOG+1939	proteomics_log	490834	490914	+	1	8	R.GFLFGAPVALGLGVGFVPRKPGKLP.R.E	31
PLOG+1940	proteomics_log	490834	490893	+	1	51	R.GFLFGAPVALGLGVGFVPR.K	24
PLOG+1941	proteomics_log	491065	491184	+	1	8	R.RLGGEVADAAFIINLFDLGGEQRLEKQGITSYSLVPPFGH.-	44
PLOG+1942	proteomics_log	491065	491142	+	1	88	R.RLGGEVADAAFIINLFDLGGEQRLEK.Q	30
PLOG+1943	proteomics_log	491065	491133	+	1	124	R.RLGGEVADAAFIINLFDLGGEQR.L	27
PLOG+1944	proteomics_log	491068	491142	+	1	48	R.LGGEVADAAFIINLFDLGGEQRLEK.Q	29
PLOG+1945	proteomics_log	491068	491184	+	1	60	R.LGGEVADAAFIINLFDLGGEQRLEKQGITSYSLVPPFGH.-	43
PLOG+1946	proteomics_log	491068	491133	+	1	127	R.LGGEVADAAFIINLFDLGGEQR.L	26
PLOG+1947	proteomics_log	491134	491184	+	1	16	R.LEKQGITSYSLVPPFGH.-	21
PLOG+1948	proteomics_log	491143	491184	+	1	58	K.QGITSYSLVPPFGH.-	18
PLOG+1949	proteomics_log	492138	492188	+	3	5	R.GIEWEALLVEMLGLLHR.I	21
PLOG+1950	proteomics_log	492630	492662	+	3	4	R.ARPVNNAALER.L	15
PLOG+1951	proteomics_log	492663	492689	+	3	2	R.LASVTDRVQ.A	13
PLOG+1952	proteomics_log	493312	493335	+	1	3	K.GGLGNLMK.Q	12
PLOG+1953	proteomics_log	493336	493368	+	1	5	K.QAQMQEKMQK.M	15
PLOG+1954	proteomics_log	493348	493428	+	1	2	Q.MQEKMQKMQEEIAQLEVTGESGAGLVK.V	31
PLOG+1955	proteomics_log	493369	493428	+	1	2	K.M*QEEIAQLEVTGESGAGLVK.V	25
PLOG+1956	proteomics_log	493369	493428	+	1	31	K.MQEEIAQLEVTGESGAGLVK.V	24
PLOG+1957	proteomics_log	493429	493458	+	1	3	K.VTINGAHNCR.R	14
PLOG+1958	proteomics_log	493459	493548	+	1	17	R.RVEIDPSLLEDDKEM*LEDLVAAAFNDAARR.I	35
PLOG+1959	proteomics_log	493459	493548	+	1	63	R.RVEIDPSLLEDDKEMLEDLVAAAFNDAARR.I	34
PLOG+1960	proteomics_log	493459	493545	+	1	147	R.RVEIDPSLLEDDKEM*LEDLVAAAFNDAAR.R	34
PLOG+1961	proteomics_log	493459	493545	+	1	320	R.RVEIDPSLLEDDKEMLEDLVAAAFNDAAR.R	33
PLOG+1962	proteomics_log	493462	493545	+	1	16	R.VEIDPSLLEDDKEM*LEDLVAAAFNDAAR.R	33
PLOG+1963	proteomics_log	493462	493545	+	1	179	R.VEIDPSLLEDDKEMLEDLVAAAFNDAAR.R	32
PLOG+1964	proteomics_log	493489	493545	+	1	2	E.DDKEMLEDLVAAAFNDAAR.R	23
PLOG+1965	proteomics_log	493546	493572	+	1	10	R.RIEETQKEK.M	13
PLOG+1966	proteomics_log	493546	493626	+	1	19	R.RIEETQKEKMASVSSGMQLPPGFKMPF.-	31
PLOG+1967	proteomics_log	493549	493572	+	1	3	R.IEETQKEK.M	12
PLOG+1968	proteomics_log	493573	493611	+	1	3	K.M*ASVSSGM*QLPPG.F	19
PLOG+1969	proteomics_log	493573	493617	+	1	18	K.MASVSSGMQLPPGFK.M	19
PLOG+1970	proteomics_log	493573	493626	+	1	127	K.MASVSSGMQLPPGFKMPF.-	22
PLOG+1971	proteomics_log	493629	493673	+	3	2	L.M*QTSPLLTQLMEALR.C	20
PLOG+1972	proteomics_log	493629	493673	+	3	40	L.MQTSPLLTQLMEALR.C	19
PLOG+1973	proteomics_log	494365	494442	+	1	23	R.GFQSEVKQLLHLMHLSLYSNKEIFLR.E	30
PLOG+1974	proteomics_log	494443	494484	+	1	41	R.ELISNASDAADKLR.F	18

PLOG+1975	proteomics_log	494485	494541	+	1	8	R.FRALSNPDLYEGDGELRVR.V	23
PLOG+1976	proteomics_log	494491	494541	+	1	2	R.ALSNPDLYEGDGELRVR.V	21
PLOG+1977	proteomics_log	494491	494535	+	1	46	R.ALSNPDLYEGDGELR.V	19
PLOG+1978	proteomics_log	494542	494565	+	1	13	R.VSFDKDKR.T	12
PLOG+1979	proteomics_log	494566	494640	+	1	98	R.TLTISDNGVGMTRDEVIDHLGTIAK.S	29
PLOG+1980	proteomics_log	494860	494925	+	1	2	R.GTEITLHLREGEDEFLDDWRVR.S	26
PLOG+1981	proteomics_log	495253	495300	+	1	16	R.VFIMDDAEQFMPNYLR.F	20
PLOG+1982	proteomics_log	495310	495351	+	1	78	R.GLIDSSDLPLNVS.R.E	18
PLOG+1983	proteomics_log	495352	495381	+	1	2	R.EILQDSTVTR.N	14
PLOG+1984	proteomics_log	495703	495798	+	1	3	K.GIEVLLLSDRIDEWMMNYLTFEDGKPFQSVSK.V	36
PLOG+1985	proteomics_log	495925	495999	+	1	8	R.LTHRILTDTPAIVSTDADEMSTQMAK.L	29
PLOG+1986	proteomics_log	495937	495999	+	1	4	R.LTDTPAIVSTDADEMSTQMAK.L	25
PLOG+1987	proteomics_log	495937	495999	+	1	4	R.LTDTPAIVSTDADEM*STQMAK.L	26
PLOG+1988	proteomics_log	495937	495999	+	1	4	R.LTDTPAIVSTDADEMSTQM*AK.L	26
PLOG+1989	proteomics_log	495937	495999	+	1	4	R.LTDTPAIVSTDADEM*STQM*AK.L	27
PLOG+1990	proteomics_log	495955	495999	+	1	2	A.IVSTDADEM*STQM*AK.L	21
PLOG+1991	proteomics_log	496000	496080	+	1	13	K.LFAAAGQKVPEVKYIFELNPDHVLVKR.A	31
PLOG+1992	proteomics_log	496000	496038	+	1	19	K.LFAAAGQKVPEVK.Y	17
PLOG+1993	proteomics_log	496024	496080	+	1	10	K.VPEVKYIFELNPDHVLVKR.A	23
PLOG+1994	proteomics_log	496039	496077	+	1	10	K.YIFELNPDHVLVK.R	17
PLOG+1995	proteomics_log	496039	496080	+	1	24	K.YIFELNPDHVLVKR.A	18
PLOG+1996	proteomics_log	496078	496158	+	1	31	K.RAADTEDEAKFSEWVELLLDQALLAER.G	31
PLOG+1997	proteomics_log	496081	496158	+	1	22	R.AADTEDEAKFSEWVELLLDQALLAER.G	30
PLOG+1998	proteomics_log	496081	496191	+	1	51	R.AADTEDEAKFSEWVELLLDQALLAERGTLEDPNLFIR.R	41
PLOG+1999	proteomics_log	496108	496158	+	1	10	K.FSEWVELLLDQALLAER.G	21
PLOG+2000	proteomics_log	496108	496191	+	1	11	K.FSEWVELLLDQALLAERGTLEDPNLFIR.R	32
PLOG+2001	proteomics_log	496159	496191	+	1	36	R.GTLEDPNLFIR.R	15
PLOG+2002	proteomics_log	496399	496506	+	1	4	A.MRIILLGAPGAGKGTQAQFIMEKYGIPQISTGDMLR.A	40
PLOG+2003	proteomics_log	496399	496467	+	1	4	A.MRIILLGAPGAGKGTQAQFIM*EK.Y	28
PLOG+2004	proteomics_log	496399	496467	+	1	7	A.M*RIILLGAPGAGKGTQAQFIMEK.Y	28
PLOG+2005	proteomics_log	496399	496437	+	1	26	A.MRIILLGAPGAGK.G	17
PLOG+2006	proteomics_log	496399	496467	+	1	133	A.MRIILLGAPGAGKGTQAQFIMEK.Y	27
PLOG+2007	proteomics_log	496405	496467	+	1	7	R.IILLGAPGAGKGTQAQFIM*EK.Y	26
PLOG+2008	proteomics_log	496405	496437	+	1	14	R.IILLGAPGAGK.G	15
PLOG+2009	proteomics_log	496405	496506	+	1	77	R.IILLGAPGAGKGTQAQFIMEKYGIPQISTGDMLR.A	38
PLOG+2010	proteomics_log	496405	496467	+	1	312	R.IILLGAPGAGKGTQAQFIMEK.Y	25
PLOG+2011	proteomics_log	496423	496467	+	1	3	A.PGAGKGTQAQFIMEK.Y	19
PLOG+2012	proteomics_log	496426	496506	+	1	8	P.GAGKGTQAQFIMEKYGIPQISTGDMLR.A	31
PLOG+2013	proteomics_log	496438	496467	+	1	37	K.GTQAQFIMEK.Y	14
PLOG+2014	proteomics_log	496468	496506	+	1	42	K.YGIPQISTGDM*LR.A	18
PLOG+2015	proteomics_log	496468	496506	+	1	228	K.YGIPQISTGDM.LR.A	17
PLOG+2016	proteomics_log	496477	496506	+	1	2	I.PQISTGDMLR.A	14
PLOG+2017	proteomics_log	496507	496605	+	1	2	R.AAVKSGSELGKQAKDIM*DAGKLVDELVIALVK.E	38
PLOG+2018	proteomics_log	496507	496569	+	1	7	R.AAVKSGSELGKQAKDIMDAGK.L	25
PLOG+2019	proteomics_log	496507	496611	+	1	43	R.AAVKSGSELGKQAKDIM*DAGKLVDELVIALVKER.I	40
PLOG+2020	proteomics_log	496507	496539	+	1	99	R.AAVKSGSELGK.Q	15

PLOG+2021	proteomics_log	496507	496605	+	1	153	R.AAVKSGSELGKQAKDIMDAGKLVDELVIALVK.E	37
PLOG+2022	proteomics_log	496507	496548	+	1	166	R.AAVKSGSELGKQAK.D	18
PLOG+2023	proteomics_log	496507	496611	+	1	192	R.AAVKSGSELGKQAKDIMDAGKLVDELVIALVKER.I	39
PLOG+2024	proteomics_log	496519	496569	+	1	2	K.SGSELGKQAKDIMDAGK.L	21
PLOG+2025	proteomics_log	496519	496611	+	1	25	K.SGSELGKQAKDIM*DAGKLVDELVIALVKER.I	36
PLOG+2026	proteomics_log	496519	496548	+	1	61	K.SGSELGKQAK.D	14
PLOG+2027	proteomics_log	496519	496605	+	1	149	K.SGSELGKQAKDIMDAGKLVDELVIALVK.E	33
PLOG+2028	proteomics_log	496519	496611	+	1	266	K.SGSELGKQAKDIMDAGKLVDELVIALVKER.I	35
PLOG+2029	proteomics_log	496540	496605	+	1	2	K.QAKDIM*DAGKLVDELVIALVK.E	27
PLOG+2030	proteomics_log	496540	496611	+	1	3	K.QAKDIM*DAGKLVDELVIALVKER.I	29
PLOG+2031	proteomics_log	496540	496605	+	1	38	K.QAKDIMDAGKLVDELVIALVK.E	26
PLOG+2032	proteomics_log	496540	496611	+	1	98	K.QAKDIMDAGKLVDELVIALVKER.I	28
PLOG+2033	proteomics_log	496546	496611	+	1	149	A.KDIMDAGKLVDELVIALVKER.I	26
PLOG+2034	proteomics_log	496549	496605	+	1	35	K.DIM*DAGKLVDELVIALVK.E	24
PLOG+2035	proteomics_log	496549	496611	+	1	143	K.DIM*DAGKLVDELVIALVKER.I	26
PLOG+2036	proteomics_log	496549	496605	+	1	247	K.DIMDAGKLVDELVIALVK.E	23
PLOG+2037	proteomics_log	496549	496611	+	1	421	K.DIMDAGKLVDELVIALVKER.I	25
PLOG+2038	proteomics_log	496552	496611	+	1	19	D.IMDAGKLVDELVIALVKER.I	24
PLOG+2039	proteomics_log	496570	496611	+	1	62	K.LVTDELVIALVKER.I	18
PLOG+2040	proteomics_log	496570	496605	+	1	77	K.LVTDELVIALVK.E	16
PLOG+2041	proteomics_log	496633	496662	+	1	325	R.NGFLLDGFPR.T	14
PLOG+2042	proteomics_log	496663	496755	+	1	6	R.TIPQADAM*KEAGINVDYVLEFDVPDELIVDR.I	36
PLOG+2043	proteomics_log	496663	496770	+	1	17	R.TIPQADAMKEAGINVDYVLEFDVPDELIVDRIVGRR.V	40
PLOG+2044	proteomics_log	496663	496767	+	1	201	R.TIPQADAMKEAGINVDYVLEFDVPDELIVDRIVGR.R	39
PLOG+2045	proteomics_log	496663	496755	+	1	239	R.TIPQADAMKEAGINVDYVLEFDVPDELIVDR.I	35
PLOG+2046	proteomics_log	496690	496755	+	1	2	K.EAGINVDYVLEFDVPDELIVDR.I	26
PLOG+2047	proteomics_log	496696	496755	+	1	58	A.GINVDYVLEFDVPDELIVDR.I	24
PLOG+2048	proteomics_log	496708	496755	+	1	2	V.DYVLEFDVPDELIVDR.I	20
PLOG+2049	proteomics_log	496768	496791	+	1	7	R.RVHAPSGR.V	12
PLOG+2050	proteomics_log	496807	496893	+	1	2	K.FNPPKVEGKDDVTGEELTRKDDQEETVR.K	33
PLOG+2051	proteomics_log	496807	496866	+	1	7	K.FNPPKVEGKDDVTGEELTR.K	24
PLOG+2052	proteomics_log	496822	496896	+	1	30	K.VEGKDDVTGEELTRKDDQEETVRK.R	29
PLOG+2053	proteomics_log	496822	496866	+	1	45	K.VEGKDDVTGEELTR.K	19
PLOG+2054	proteomics_log	496834	496866	+	1	14	K.DDVTGEELTR.K	15
PLOG+2055	proteomics_log	496840	496896	+	1	20	D.VTGEELTRKDDQEETVRK.R	23
PLOG+2056	proteomics_log	496867	496893	+	1	53	R.KDDQEETVR.K	13
PLOG+2057	proteomics_log	496867	496896	+	1	102	R.KDDQEETVRK.R	14
PLOG+2058	proteomics_log	496897	496950	+	1	4	K.RLVEYHQMTAPLIGYYSK.E	22
PLOG+2059	proteomics_log	496900	496983	+	1	2	R.LVEYHQMTAPLIGYYSKEAEAGNTKYAK.V	32
PLOG+2060	proteomics_log	496900	496950	+	1	4	R.LVEYHQM*TAPLIGYYSK.E	22
PLOG+2061	proteomics_log	496900	496950	+	1	256	R.LVEYHQMTAPLIGYYSK.E	21
PLOG+2062	proteomics_log	496939	496974	+	1	11	G.YYSKEAEAGNTK.Y	16
PLOG+2063	proteomics_log	496942	496983	+	1	2	Y.YSKEAEAGNTKYAK.V	18
PLOG+2064	proteomics_log	496942	496974	+	1	3	Y.YSKEAEAGNTK.Y	15
PLOG+2065	proteomics_log	496951	496983	+	1	88	K.EAEAGNTKYAK.V	15
PLOG+2066	proteomics_log	496951	497016	+	1	118	K.EAEAGNTKYAKVDGKPVAEVR.A	26

PLOG+2067	proteomics_log	496975	497016	+	1	28	K.YAKVDGTKPVAEVR.A	18
PLOG+2068	proteomics_log	496978	497016	+	1	17	Y.AKVDGTKPVAEVR.A	17
PLOG+2069	proteomics_log	496981	497031	+	1	9	A.KVDGTKPVAEVRADLEK.I	21
PLOG+2070	proteomics_log	496981	497016	+	1	64	A.KVDGTKPVAEVR.A	16
PLOG+2071	proteomics_log	496984	497010	+	1	23	K.VDGTKPVAE.V	13
PLOG+2072	proteomics_log	496984	497016	+	1	122	K.VDGTKPVAEVR.A	15
PLOG+2073	proteomics_log	499520	499597	+	2	2	R.YGLSAGHSVLIEDDVAEALYQELKQK.N	30
PLOG+2074	proteomics_log	504342	504443	+	3	2	K.EVAAEGGSVLLLSGGDINTGVPESDLQDAEPDFR.G	38
PLOG+2075	proteomics_log	504630	504668	+	3	19	K.IAVIGLTTDDTAK.I	17
PLOG+2076	proteomics_log	504669	504707	+	3	2	K.IGNPEYFTDIEFR.K	17
PLOG+2077	proteomics_log	505134	505202	+	3	2	R.VLYTPEIAENQQM*ISLLSPFQNK.G	28
PLOG+2078	proteomics_log	505134	505202	+	3	23	R.VLYTPEIAENQQMISLLSPFQNK.G	27
PLOG+2079	proteomics_log	505158	505202	+	3	4	A.ENQQMISLLSPFQNK.G	19
PLOG+2080	proteomics_log	505299	505325	+	3	6	R.LILAAQMDR.T	13
PLOG+2081	proteomics_log	505614	505661	+	3	3	R.MATLNFNATGGDGYPR.L	20
PLOG+2082	proteomics_log	511537	511602	+	1	24	R.VLQADNVPIILAEMMMEGLYGR.S	26
PLOG+2083	proteomics_log	511642	511737	+	1	6	K.SGVGGGILAVVPGVMGIAAFSPPLDEDGNSVR.G	36
PLOG+2084	proteomics_log	519215	519304	+	2	2	R.AKHVGFVFQSFMLIPTLNALENVELPALLR.G	34
PLOG+2085	proteomics_log	520033	520095	+	1	17	R.LM*ALLNLKGTGDTIDVGDATLR.I	26
PLOG+2086	proteomics_log	532256	532291	+	2	21	R.GRPGQAEPVAQK.G	16
PLOG+2087	proteomics_log	532709	532834	+	2	3	K.ALLYPLAEEELM*SIIILQTGLQQFTPTTLVDM*PTLLKDLEQAR.E	48
PLOG+2088	proteomics_log	532709	532816	+	2	4	K.ALLYPLAEEELMSIILQTGLQQFTPTTLVDMPTLLK.D	40
PLOG+2089	proteomics_log	532709	532834	+	2	19	K.ALLYPLAEEELMSIILQTGLQQFTPTTLVDMPTLLKDLEQAR.E	46
PLOG+2090	proteomics_log	533254	533322	+	1	2	R.KHGGIRHILARHVEGASHMAEGY.T	27
PLOG+2091	proteomics_log	544974	545018	+	3	2	T.PFLSTAQVSGIDILR.E	19
PLOG+2092	proteomics_log	549417	549518	+	3	2	R.SGRPFFACSDNLQLVTTAVSVSYLRYAAQGYFAS.P	38
PLOG+2093	proteomics_log	553834	553863	+	1	10	S.MLKIFNTLTR.Q	14
PLOG+2094	proteomics_log	554065	554106	+	1	2	R.ANENGESFVAMVDR.M	18
PLOG+2095	proteomics_log	554107	554172	+	1	6	R.MIAEMHKDFDALNILRPDMEPR.A	26
PLOG+2096	proteomics_log	554152	554172	+	1	11	L.RPDMEPR.A	11
PLOG+2097	proteomics_log	554173	554226	+	1	30	R.ATHHIAEIIELTEQLIAK.G	22
PLOG+2098	proteomics_log	554305	554337	+	1	11	R.QDLDQLQAGAR.V	15
PLOG+2099	proteomics_log	554338	554388	+	1	29	R.VDVVDDKRNPMDFVLWK.M	21
PLOG+2100	proteomics_log	554641	554679	+	1	8	K.SLGNFFTVRDVLK.Y	17
PLOG+2101	proteomics_log	554731	554763	+	1	2	R.SQLNYSEENLK.Q	15
PLOG+2102	proteomics_log	554731	554772	+	1	9	R.SQLNYSEENLKQAR.A	18
PLOG+2103	proteomics_log	554788	554856	+	1	17	R.LYTALRGTDKTVAPAGGEAFEAR.F	27
PLOG+2104	proteomics_log	554857	554925	+	1	2	R.FIEAM*DDDFNTPEAYSVLFDMAR.E	28
PLOG+2105	proteomics_log	554857	554925	+	1	2	R.FIEAM*DDDFNTPEAYSVLFDM*AR.E	29
PLOG+2106	proteomics_log	554857	554925	+	1	24	R.FIEAMDDDFNTPEAYSVLFDMAR.E	27
PLOG+2107	proteomics_log	554926	554988	+	1	4	R.EVNRLKAEDMAAANAMASHLR.K	25
PLOG+2108	proteomics_log	554938	554988	+	1	19	R.LKAEDMAAANAMASHLR.K	21
PLOG+2109	proteomics_log	554989	555102	+	1	40	R.KLSAVLGLLEQEPEAFQSGAQADDSEVAEIEALIQQR.L	42
PLOG+2110	proteomics_log	554992	555102	+	1	9	K.LSAVLGLLEQEPEAFQSGAQADDSEVAEIEALIQQR.L	41
PLOG+2111	proteomics_log	555115	555150	+	1	5	R.KAKDWAAADAAR.D	16
PLOG+2112	proteomics_log	593220	593312	+	3	2	K.DILNTLDHMVERQYQLFQLNGHGLRVEANVE.I	35

PLOG+2113	proteomics_log	595726	595833	+	1	2	R.AAFFPSISLTSYGISTASSDLSSLFNASSGMWNFIPK.I	40
PLOG+2114	proteomics_log	596594	596683	+	2	2	K.MSEIKTGDKVAFNFVQQGNLSLLQDIKVSQ.-	34
PLOG+2115	proteomics_log	597767	597829	+	2	2	V.AVFQASQGVTLRSLAEAGEK.V	25
PLOG+2116	proteomics_log	599989	600051	+	1	6	K.VSGTVLADIDAMAEQIEEVAR.T	25
PLOG+2117	proteomics_log	603135	603200	+	3	2	Q.FLKESETRDQVGIVVM*VLSQLR.T	27
PLOG+2118	proteomics_log	612316	612378	+	1	2	T.ITPGDSRSAEPTKLERRARAR.C	25
PLOG+2119	proteomics_log	613103	613159	+	2	2	R.GGLMQGLIDLWQPLFHDRS.-	23
PLOG+2120	proteomics_log	613168	613218	+	1	34	M.AFSNPFDDPQGAFYILR.N	21
PLOG+2121	proteomics_log	613339	613380	+	1	19	R.TLTPTNFTQLQEAQ.-	18
PLOG+2122	proteomics_log	613518	613556	+	3	3	R.AVVAGLAQADTLR.M	17
PLOG+2123	proteomics_log	613563	613643	+	3	3	R.FTEDNGEVWQWVDDALTFELPEIIDLR.T	31
PLOG+2124	proteomics_log	614922	615014	+	3	2	R.SVFLTLALHAIVEAGAAWLPLDTGYPPDRRK.M	35
PLOG+2125	proteomics_log	622300	622362	+	1	75	Q.IGFLYAAIPLGAAIGALTSQK.L	25
PLOG+2126	proteomics_log	624108	624191	+	3	5	D.MDTSLAEVQQTMTALAPNRFFFM*SPYR.S	33
PLOG+2127	proteomics_log	624108	624191	+	3	5	D.M*DTSLAEVQQTMTALAPNRFFFMSPYR.S	33
PLOG+2128	proteomics_log	624108	624191	+	3	5	D.M*DTSLAEVQQTMTALAPNRFFFM*SPYR.S	34
PLOG+2129	proteomics_log	624108	624191	+	3	60	D.MDTSLAEVQQTMTALAPNRFFFMSPYR.S	32
PLOG+2130	proteomics_log	624222	624302	+	3	8	R.FDEPAVNGDSPDSPFQQKLAALFADAK.A	31
PLOG+2131	proteomics_log	624222	624275	+	3	15	R.FDEPAVNGDSPDSPFQQK.L	22
PLOG+2132	proteomics_log	624276	624302	+	3	11	K.LAALFADAK.A	13
PLOG+2133	proteomics_log	624441	624467	+	3	7	R.SQSLNVVER.Q	13
PLOG+2134	proteomics_log	624468	624512	+	3	18	R.QAIPEQTTFEQMVAR.A	19
PLOG+2135	proteomics_log	624513	624563	+	3	45	R.AAALTATPQVDKVVLSR.L	21
PLOG+2136	proteomics_log	624618	624725	+	3	2	R.LIAQNPVSYNFHVPLADGGVLLGASPELLLRKDGER.F	40
PLOG+2137	proteomics_log	624618	624713	+	3	26	R.LIAQNPVSYNFHVPLADGGVLLGASPELLLRK.D	36
PLOG+2138	proteomics_log	624618	624710	+	3	94	R.LIAQNPVSYNFHVPLADGGVLLGASPELLLR.K	35
PLOG+2139	proteomics_log	624726	624758	+	3	4	R.FSSIPLAGSAR.R	15
PLOG+2140	proteomics_log	624876	624959	+	3	4	R.SSELHVPSSPQLITPTLWHLATPFEGK.A	32
PLOG+2141	proteomics_log	625179	625232	+	3	2	R.LFAGAGIVPASSPLGEWR.E	22
PLOG+2142	proteomics_log	625179	625280	+	3	29	R.LFAGAGIVPASSPLGEWRETGVKLSTMLNVFGLH.-	38
PLOG+2143	proteomics_log	625248	625280	+	3	10	K.LSTMLNVFGLH.-	15
PLOG+2144	proteomics_log	625350	625391	+	3	11	K.GYWQDLPLTDILTR.H	18
PLOG+2145	proteomics_log	625392	625433	+	3	2	R.HAASDSIAVIDGER.Q	18
PLOG+2146	proteomics_log	626103	626180	+	3	12	K.HQVNVVALVPPAVSLWLQALIEGESR.A	30
PLOG+2147	proteomics_log	626616	626651	+	3	2	K.IAAEEIENLLLR.H	16
PLOG+2148	proteomics_log	626616	626711	+	3	13	K.IAAEEIENLLLRHPAVIYAALVSMEDLMGEK.S	36
PLOG+2149	proteomics_log	626652	626711	+	3	3	R.HPAVIYAALVSMEDLMGEK.S	24
PLOG+2150	proteomics_log	627181	627219	+	1	8	R.ALLNDMWGPGLTR.S	17
PLOG+2151	proteomics_log	627220	627249	+	1	5	R.SPEQQKVVDL.L	14
PLOG+2152	proteomics_log	627418	627465	+	1	2	R.DIKPFMVADALADFSR.D	20
PLOG+2153	proteomics_log	627514	627561	+	1	8	R.VVMTEELLPAIPASK.A	20
PLOG+2154	proteomics_log	627774	627866	+	3	4	I.MDFSGKNVWVTGAGKGIGYATALAFVEAGAK.V	35
PLOG+2155	proteomics_log	627819	627866	+	3	49	K.GIGYATALAFVEAGAK.V	20
PLOG+2156	proteomics_log	627969	628025	+	3	110	R.LLAETERLDALVNAAGILR.M	23
PLOG+2157	proteomics_log	627990	628025	+	3	10	R.LDALVNAAGILR.M	16
PLOG+2158	proteomics_log	628026	628133	+	3	3	R.MGATDQLSKEDWQQTFVAVNVGGAFNLFQQTMMNQFRR.Q	40

PLOG+2159	proteomics_log	628134	628187	+	3	9	R.QRGGAIIVTASDAAHTPR.I	22
PLOG+2160	proteomics_log	628140	628187	+	3	7	R.GGAIIVTASDAAHTPR.I	20
PLOG+2161	proteomics_log	628218	628277	+	3	2	K.AALKSLALSVGLELAGSGVR.C	24
PLOG+2162	proteomics_log	628284	628322	+	3	2	N.VVSPGSTDTDM*QR.T	18
PLOG+2163	proteomics_log	628407	628463	+	3	6	K.IARPQEIANTILFLASDLA.S	23
PLOG+2164	proteomics_log	628407	628517	+	3	88	K.IARPQEIANTILFLASDLASHITLQDIVVDGGSTLGA.-	41
PLOG+2165	proteomics_log	628613	628657	+	2	5	R.LGDDVLEAEM*PVDTR.T	20
PLOG+2166	proteomics_log	628613	628657	+	2	17	R.LGDDVLEAEMPVDTR.T	19
PLOG+2167	proteomics_log	628658	628747	+	2	15	R.THQPFGLLHGGASAALAETLGSMAGFMMTR.D	34
PLOG+2168	proteomics_log	638189	638248	+	2	7	K.IKPFKNQAFKNGEFIEITEK.D	24
PLOG+2169	proteomics_log	638189	638263	+	2	199	K.IKPFKNQAFKNGEFIEITEKDTEGR.W	29
PLOG+2170	proteomics_log	638195	638263	+	2	3	K.PFKNQAFKNGEFIEITEKDTEGR.W	27
PLOG+2171	proteomics_log	638204	638263	+	2	7	K.NQAFKNGEFIEITEKDTEGR.W	24
PLOG+2172	proteomics_log	638219	638248	+	2	14	K.NGEFIEITEK.D	14
PLOG+2173	proteomics_log	638219	638263	+	2	87	K.NGEFIEITEKDTEGR.W	19
PLOG+2174	proteomics_log	638357	638440	+	2	19	K.LGVDVYAVSTDTHFTHKAWHSSSETIAK.I	32
PLOG+2175	proteomics_log	638357	638407	+	2	81	K.LGVDVYAVSTDTHFTHK.A	21
PLOG+2176	proteomics_log	638375	638407	+	2	2	Y.AVSTDTHFTHK.A	15
PLOG+2177	proteomics_log	638408	638485	+	2	2	K.AWHSSSETIAKIKYAM*IGDPTGALTR.N	31
PLOG+2178	proteomics_log	638408	638485	+	2	21	K.AWHSSSETIAKIKYAMIGDPTGALTR.N	30
PLOG+2179	proteomics_log	638408	638446	+	2	79	K.AWHSSSETIAKIK.Y	17
PLOG+2180	proteomics_log	638408	638440	+	2	118	K.AWHSSSETIAK.I	15
PLOG+2181	proteomics_log	638417	638485	+	2	3	H.SSSETIAKIKYAMIGDPTGALTR.N	27
PLOG+2182	proteomics_log	638441	638485	+	2	86	K.IKYAM*IGDPTGALTR.N	20
PLOG+2183	proteomics_log	638441	638485	+	2	331	K.IKYAMIGDPTGALTR.N	19
PLOG+2184	proteomics_log	638447	638485	+	2	112	K.YAM*IGDPTGALTR.N	18
PLOG+2185	proteomics_log	638447	638485	+	2	258	K.YAMIGDPTGALTR.N	17
PLOG+2186	proteomics_log	638453	638485	+	2	6	A.MIGDPTGALTR.N	15
PLOG+2187	proteomics_log	638486	638527	+	2	4	R.NFDNM*REDEGLADR.A	19
PLOG+2188	proteomics_log	638486	638620	+	2	4	R.NFDNM*REDEGLADRATFVVDPPQGIIQAIEVTAEGIGRDASDLLRK.I	50
PLOG+2189	proteomics_log	638486	638596	+	2	7	R.NFDNMREDEGLADRATFVVDPPQGIIQAIEVTAEGIGR.D	41
PLOG+2190	proteomics_log	638486	638617	+	2	33	R.NFDNM*REDEGLADRATFVVDPPQGIIQAIEVTAEGIGRDASDLLR.K	49
PLOG+2191	proteomics_log	638486	638596	+	2	7	R.NFDNM*REDEGLADRATFVVDPPQGIIQAIEVTAEGIGR.D	42
PLOG+2192	proteomics_log	638486	638617	+	2	61	R.NFDNMREDEGLADRATFVVDPPQGIIQAIEVTAEGIGRDASDLLR.K	48
PLOG+2193	proteomics_log	638486	638527	+	2	301	R.NFDNMREDEGLADR.A	18
PLOG+2194	proteomics_log	638498	638596	+	2	49	N.M*REDEGLADRATFVVDPPQGIIQAIEVTAEGIGR.D	38
PLOG+2195	proteomics_log	638504	638596	+	2	20	R.EDEGLADRATFVVDPPQGIIQAIEVTAEGIGR.D	35
PLOG+2196	proteomics_log	638528	638626	+	2	33	R.ATFVVDPPQGIIQAIEVTAEGIGRDASDLLRKIK.A	37
PLOG+2197	proteomics_log	638528	638620	+	2	147	R.ATFVVDPPQGIIQAIEVTAEGIGRDASDLLRK.I	35
PLOG+2198	proteomics_log	638528	638617	+	2	377	R.ATFVVDPPQGIIQAIEVTAEGIGRDASDLLR.K	34
PLOG+2199	proteomics_log	638528	638596	+	2	893	R.ATFVVDPPQGIIQAIEVTAEGIGR.D	27
PLOG+2200	proteomics_log	638537	638620	+	2	5	F.VVDPPQGIIQAIEVTAEGIGRDASDLLRK.I	32
PLOG+2201	proteomics_log	638537	638617	+	2	13	F.VVDPPQGIIQAIEVTAEGIGRDASDLLR.K	31
PLOG+2202	proteomics_log	638537	638596	+	2	32	F.VVDPPQGIIQAIEVTAEGIGR.D	24
PLOG+2203	proteomics_log	638540	638596	+	2	5	V.VDPQGIIQAIEVTAEGIGR.D	23
PLOG+2204	proteomics_log	638543	638596	+	2	8	V.DPPQGIIQAIEVTAEGIGR.D	22



PLOG+2205	proteomics_log	638546	638596	+	2	19	D.PQGIIQAIEVTAEGIGR.D	21
PLOG+2206	proteomics_log	638546	638620	+	2	20	D.PQGIIQAIEVTAEGIGRDASDLLRK.I	29
PLOG+2207	proteomics_log	638546	638617	+	2	65	D.PQGIIQAIEVTAEGIGRDASDLLR.K	28
PLOG+2208	proteomics_log	638597	638617	+	2	118	R.DASDLLR.K	11
PLOG+2209	proteomics_log	638621	638662	+	2	4	K.IKAAQYVASHPGEV.C	18
PLOG+2210	proteomics_log	638627	638662	+	2	2	K.AAQYVASHPGEV.C	16
PLOG+2211	proteomics_log	638627	638674	+	2	2	K.AAQYVASHPGEVCPAK.W	20
PLOG+2212	proteomics_log	638627	638728	+	2	10	K.AAQYVASHPGEVCPAKWKEGEATLAPSLDLVGKI.-	38
PLOG+2213	proteomics_log	638675	638725	+	2	18	K.WKEGEATLAPSLDLVGK.I	21
PLOG+2214	proteomics_log	638675	638728	+	2	175	K.WKEGEATLAPSLDLVGKI.-	22
PLOG+2215	proteomics_log	638681	638725	+	2	10	K.EGEATLAPSLDLVGK.I	19
PLOG+2216	proteomics_log	638681	638728	+	2	310	K.EGEATLAPSLDLVGKI.-	20
PLOG+2217	proteomics_log	638976	639008	+	3	8	N.MLDTNMKTQLK.A	15
PLOG+2218	proteomics_log	638997	639071	+	3	2	K.TQLKAYLEKLTKPVELIATLDDSAK.S	29
PLOG+2219	proteomics_log	639009	639071	+	3	4	K.AYLEKLTKPVELIATLDDSAK.S	25
PLOG+2220	proteomics_log	639024	639071	+	3	4	K.LTKPVELIATLDDSAK.S	20
PLOG+2221	proteomics_log	639072	639158	+	3	6	K.SAEIKELLAIEAELSDKVTFKEDNSLPVR.K	33
PLOG+2222	proteomics_log	639102	639158	+	3	3	E.IAELSDKVTFKEDNSLPVR.K	23
PLOG+2223	proteomics_log	639207	639314	+	3	21	R.FAGSPLGHEFTSLVLALLWTGGHPSKEAQSLLLEQIR.H	40
PLOG+2224	proteomics_log	639207	639284	+	3	33	R.FAGSPLGHEFTSLVLALLWTGGHPSK.E	30
PLOG+2225	proteomics_log	639420	639530	+	3	2	R.IKHTAIDGGTFQNEITDRNVMGVPVAVFVNGKEFGQGR.M	41
PLOG+2226	proteomics_log	639420	639473	+	3	5	R.IKHTAIDGGTFQNEITDR.N	22
PLOG+2227	proteomics_log	639420	639530	+	3	2	R.IKHTAIDGGTFQNEITDRNVM*GVPVAVFVNGKEFGQGR.M	42
PLOG+2228	proteomics_log	639531	639557	+	3	27	R.MTLTEIVAK.I	13
PLOG+2229	proteomics_log	639531	639581	+	3	35	R.MTLTEIVAKIDTGAEKR.A	21
PLOG+2230	proteomics_log	639579	639605	+	3	18	K.RAAEELNKR.D	13
PLOG+2231	proteomics_log	639582	639605	+	3	3	R.AAEELNKR.D	12
PLOG+2232	proteomics_log	639582	639674	+	3	10	R.AAEELNKRDAYDVLIVGSGPAGAAAAIYSAR.K	35
PLOG+2233	proteomics_log	639606	639674	+	3	14	R.DAYDVLIVGSGPAGAAAAIYSAR.K	27
PLOG+2234	proteomics_log	639708	639797	+	3	8	R.FGGQILDVTVDIENYISVPKTEGQKLAGALK.V	34
PLOG+2235	proteomics_log	639708	639779	+	3	14	R.FGGQILDVTVDIENYISVPKTEGQK.L	28
PLOG+2236	proteomics_log	639708	639764	+	3	20	R.FGGQILDVTVDIENYISVPK.T	23
PLOG+2237	proteomics_log	639798	639851	+	3	4	K.VHVDEYDVDVIDSQSASK.L	22
PLOG+2238	proteomics_log	639852	639917	+	3	94	K.LIPAAVEGGLHQIETASGAVLK.A	26
PLOG+2239	proteomics_log	639858	639917	+	3	3	I.PAAVEGGLHQIETASGAVLK.A	24
PLOG+2240	proteomics_log	639858	639923	+	3	4	I.PAAVEGGLHQIETASGAVLKAR.S	26
PLOG+2241	proteomics_log	639924	639956	+	3	20	R.SIIVATGAKWR.N	15
PLOG+2242	proteomics_log	639924	639950	+	3	28	R.SIIVATGAK.W	13
PLOG+2243	proteomics_log	639957	639995	+	3	2	R.NMNVPGEDQYRTK.G	17
PLOG+2244	proteomics_log	639957	639989	+	3	2	R.NM*NVPGEDQYR.T	16
PLOG+2245	proteomics_log	639957	639989	+	3	10	R.NMNVPGEDQYR.T	15
PLOG+2246	proteomics_log	640044	640148	+	3	20	K.RVAVIGGGNSGVAAIDLAGIVEHVTLLEFAPEMK.A	39
PLOG+2247	proteomics_log	640047	640172	+	3	4	R.VAVIGGGNSGVAAIDLAGIVEHVTLLEFAPEMKADQVLQDK.L	46
PLOG+2248	proteomics_log	640047	640148	+	3	8	R.VAVIGGGNSGVAAIDLAGIVEHVTLLEFAPEM*K.A	39
PLOG+2249	proteomics_log	640047	640178	+	3	26	R.VAVIGGGNSGVAAIDLAGIVEHVTLLEFAPEMKADQVLQDKLR.S	48
PLOG+2250	proteomics_log	640047	640148	+	3	99	R.VAVIGGGNSGVAAIDLAGIVEHVTLLEFAPEMK.A	38

PLOG+2251	proteomics_log	640149	640178	+	3	73	K.ADQVLQDKLR.S	14
PLOG+2252	proteomics_log	640266	640367	+	3	4	R.DRVSGDIHNIELAGIFVQIGLLPNTNWLEGAVER.N	38
PLOG+2253	proteomics_log	640272	640367	+	3	9	R.VSGDIHNIELAGIFVQIGLLPNTNWLEGAVER.N	36
PLOG+2254	proteomics_log	640374	640400	+	3	44	R.MGEIIDA.K	13
PLOG+2255	proteomics_log	640494	640526	+	3	174	K.ALSAFDYLR.T	15
PLOG+2256	proteomics_log	645960	646001	+	3	3	R.SAGVRM*PPFCNNVC.A	19
PLOG+2257	proteomics_log	647223	647246	+	3	5	Y.RMVAGEFR.K	12
PLOG+2258	proteomics_log	656518	656541	+	1	6	M.SKIKGNVK.W	12
PLOG+2259	proteomics_log	656518	656559	+	1	91	M.SKIKGNVKWFNESK.G	18
PLOG+2260	proteomics_log	656530	656559	+	1	12	K.GNVKWFNESK.G	14
PLOG+2261	proteomics_log	656542	656640	+	1	2	K.WFNESKGFITPEDGSKDVFVHFSAIQTNGFK.T	37
PLOG+2262	proteomics_log	656560	656661	+	1	13	K.GFGFITPEDGSKDVFVHFSAIQTNGFKTLAEGQR.V	38
PLOG+2263	proteomics_log	656560	656595	+	1	90	K.GFGFITPEDGSK.D	16
PLOG+2264	proteomics_log	656560	656640	+	1	316	K.GFGFITPEDGSKDVFVHFSAIQTNGFK.T	31
PLOG+2265	proteomics_log	656596	656640	+	1	29	K.DVFVHFSAIQTNGFK.T	19
PLOG+2266	proteomics_log	656641	656691	+	1	60	K.TLAEGQRVEFEITNGAK.G	21
PLOG+2267	proteomics_log	656641	656721	+	1	133	K.TLAEGQRVEFEITNGAKGPSAANVIAL.-	31
PLOG+2268	proteomics_log	656662	656691	+	1	72	R.VEFEITNGAK.G	14
PLOG+2269	proteomics_log	656662	656721	+	1	209	R.VEFEITNGAKGPSAANVIAL.-	24
PLOG+2270	proteomics_log	658290	658322	+	3	2	K.KAMNDDDAAK.K	15
PLOG+2271	proteomics_log	664039	664077	+	1	17	V.SQVSDSGVAGDRK.R	17
PLOG+2272	proteomics_log	666649	666684	+	1	4	Q.RFNILLEFEIQR.Q	16
PLOG+2273	proteomics_log	667270	667338	+	1	2	A.VFIRAGLVVGKANNLQIIQVGD.K.H	27
PLOG+2274	proteomics_log	674313	674342	+	3	2	R.DIDALVEQAR.E	14
PLOG+2275	proteomics_log	674481	674546	+	3	17	R.VIKESLWQELADITDKTQLEWR.E	26
PLOG+2276	proteomics_log	704736	704810	+	3	58	K.AVGDGVAVKPTDKIVVSPAAGTIVK.I	29
PLOG+2277	proteomics_log	704763	704810	+	3	9	K.PTDKIVVSPAAGTIVK.I	20
PLOG+2278	proteomics_log	704919	704999	+	3	3	R.LVEEGAQVSAGQPILEM*DLDYLNANAR.S	32
PLOG+2279	proteomics_log	704919	704999	+	3	48	R.LVEEGAQVSAGQPILEMDLDYLNANAR.S	31
PLOG+2280	proteomics_log	705060	705107	+	3	2	K.AQGHIVAGQTPLYEIK.K	20
PLOG+2281	proteomics_log	705060	705110	+	3	21	K.AQGHIVAGQTPLYEIKK.-	21
PLOG+2282	proteomics_log	705319	705354	+	1	28	M.SEAARPTNFIR.Q	16
PLOG+2283	proteomics_log	705511	705585	+	1	2	R.FDDTNPVKEDIEYVESIKNDVEWLG.F	29
PLOG+2284	proteomics_log	705511	705609	+	1	46	R.FDDTNPVKEDIEYVESIKNDVEWLGFWHSGNVR.Y	37
PLOG+2285	proteomics_log	705610	705717	+	1	2	R.YSSDYFDQLHAYAIELINKGLAYVDELTPEQIREYR.G	40
PLOG+2286	proteomics_log	705610	705666	+	1	6	R.YSSDYFDQLHAYAIELINK.G	23
PLOG+2287	proteomics_log	705610	705708	+	1	22	R.YSSDYFDQLHAYAIELINKGLAYVDELTPEQIR.E	37
PLOG+2288	proteomics_log	705763	705795	+	1	4	R.SVEENLALFEK.M	15
PLOG+2289	proteomics_log	705838	705894	+	1	2	R.AKIDMASPFIVMRDPVLYR.I	23
PLOG+2290	proteomics_log	705901	705930	+	1	7	K.FAEHHQTGNK.W	14
PLOG+2291	proteomics_log	706030	706080	+	1	2	R.RLYDWVLDNITIPVHPR.Q	21
PLOG+2292	proteomics_log	706033	706080	+	1	34	R.LYDWVLDNITIPVHPR.Q	20
PLOG+2293	proteomics_log	706099	706128	+	1	5	R.LNLEYTVMSK.R	14
PLOG+2294	proteomics_log	706213	706239	+	1	5	R.RGYTAASIR.E	13
PLOG+2295	proteomics_log	706255	706341	+	1	3	R.IGVTKQDNTIEMASLESCIREDLNENAPR.A	33
PLOG+2296	proteomics_log	706342	706422	+	1	3	R.AMAVIDPVKLVNIENYQGEEMVTMPNH.P	31

PLOG+2297	proteomics_log	706342	706449	+	1	10	R.AMAVIDPVKLVNIENYQGEGEMVTPNHPNKPENMGR.S.Q	40
PLOG+2298	proteomics_log	706450	706485	+	1	12	R.QVPFSGEIWIDR.A	16
PLOG+2299	proteomics_log	706486	706524	+	1	3	R.ADFREEANKQYKR.L	17
PLOG+2300	proteomics_log	706522	706548	+	1	6	K.RVLGKEVR.L	13
PLOG+2301	proteomics_log	706525	706548	+	1	15	R.LVLGKEVR.L	12
PLOG+2302	proteomics_log	706672	706728	+	1	54	K.VKGVIIHWVSAHALPVEIR.L	23
PLOG+2303	proteomics_log	706678	706728	+	1	94	K.GVIHWVSAHALPVEIR.L	21
PLOG+2304	proteomics_log	706729	706860	+	1	10	R.LYDRLFSVPNPGAADDFLSVINPESLVIKQGFAPSLKDAVAGK.A	48
PLOG+2305	proteomics_log	706729	706815	+	1	40	R.LYDRLFSVPNPGAADDFLSVINPESLVIK.Q	33
PLOG+2306	proteomics_log	706741	706878	+	1	2	R.LFSVPNPGAADDFLSVINPESLVIKQGFAPSLKDAVAGKAFQFER.E	50
PLOG+2307	proteomics_log	706741	706860	+	1	22	R.LFSVPNPGAADDFLSVINPESLVIKQGFAPSLKDAVAGK.A	44
PLOG+2308	proteomics_log	706741	706815	+	1	76	R.LFSVPNPGAADDFLSVINPESLVIK.Q	29
PLOG+2309	proteomics_log	706816	706860	+	1	31	K.QGFAPSLKDAVAGK.A	19
PLOG+2310	proteomics_log	706906	706938	+	1	96	R.HSTAEKPVFNR.T	15
PLOG+2311	proteomics_log	706939	706968	+	1	12	R.TVGLRDTWAK.V	14
PLOG+2312	proteomics_log	709259	709312	+	2	2	R.ATQTGNDQAVKADCDKVV.Q	22
PLOG+2313	proteomics_log	712210	712302	+	1	3	K.M*KTIEVDDELYSYIASHTKHIGESASDILRR.M	36
PLOG+2314	proteomics_log	712210	712266	+	1	77	K.MKTIEVDDELYSYIASHTK.H	23
PLOG+2315	proteomics_log	712267	712302	+	1	13	K.HIGESASDILRR.M	16
PLOG+2316	proteomics_log	712303	712359	+	1	20	R.MLKFSASQPAAPVTKEVR.V	23
PLOG+2317	proteomics_log	712312	712359	+	1	3	K.FSAASQPAAPVTKEVR.V	20
PLOG+2318	proteomics_log	712312	712350	+	1	30	K.FSAASQPAAPVTK.E	17
PLOG+2319	proteomics_log	712468	712557	+	1	15	R.AVNRFMLLLSTLYSLDAQFAEATESLHGR.T	34
PLOG+2320	proteomics_log	712480	712557	+	1	24	R.FMLLLSTLYSLDAQFAEATESLHGR.T	30
PLOG+2321	proteomics_log	712799	712861	+	2	3	R.AGQPAQQSDLINVAQLTAQYY.V	25
PLOG+2322	proteomics_log	712799	712939	+	2	4	R.AGQPAQQSDLINVAQLTAQYYVLKPEAGNAEHAVKFGTSGHRGSAAR.H	51
PLOG+2323	proteomics_log	712799	712903	+	2	13	R.AGQPAQQSDLINVAQLTAQYYVLKPEAGNAEHAVK.F	39
PLOG+2324	proteomics_log	712904	712939	+	2	2	K.FGTSGHRGSAAR.H	16
PLOG+2325	proteomics_log	712940	713002	+	2	9	R.HSFNEPHILAIQAIAEERAK.N	25
PLOG+2326	proteomics_log	712940	712996	+	2	65	R.HSFNEPHILAIQAIAEER.A	23
PLOG+2327	proteomics_log	713189	713293	+	2	4	P.LADGIVITPSHNPPEDGGIKYNPPNGGPADTNVTK.V	39
PLOG+2328	proteomics_log	713309	713347	+	2	3	R.ANALLADGLKGVK.R	17
PLOG+2329	proteomics_log	713309	713350	+	2	7	R.ANALLADGLKGVK.I	18
PLOG+2330	proteomics_log	713348	713458	+	2	3	K.RISLDEAMASGHVKEQDLVQPFVEGLADIVDMAAIQK.A	41
PLOG+2331	proteomics_log	713351	713458	+	2	2	R.ISLDEAM*ASGHVKEQDLVQPFVEGLADIVDM*AAIQK.A	42
PLOG+2332	proteomics_log	713351	713458	+	2	3	R.ISLDEAMASGHVKEQDLVQPFVEGLADIVDM*AAIQK.A	41
PLOG+2333	proteomics_log	713351	713458	+	2	96	R.ISLDEAMASGHVKEQDLVQPFVEGLADIVDMAAIQK.A	40
PLOG+2334	proteomics_log	713390	713458	+	2	2	K.EQDLVQPFVEGLADIVDM*AAIQK.A	28
PLOG+2335	proteomics_log	713390	713458	+	2	41	K.EQDLVQPFVEGLADIVDMAAIQK.A	27
PLOG+2336	proteomics_log	713459	713518	+	2	3	K.AGLTLGVDPLGGSGIEYWK.R	24
PLOG+2337	proteomics_log	713459	713515	+	2	11	K.AGLTLGVDPLGGSGIEYWK.R	23
PLOG+2338	proteomics_log	713519	713581	+	2	9	R.IGEYYNLNLTIVNDQVDQTFR.F	25
PLOG+2339	proteomics_log	713822	713872	+	2	3	K.TLVSSAMIDRVVNDLGR.K	21
PLOG+2340	proteomics_log	714095	714121	+	2	2	K.RFGAPSYNR.L	13
PLOG+2341	proteomics_log	714122	714151	+	2	18	R.LQAAATSAQK.A	14
PLOG+2342	proteomics_log	714167	714223	+	2	14	K.LSPEMVSASTLAGDPITAR.L	23

PLOG+2343	proteomics_log	714224	714268	+	2	6	R.LTAAPGNASIGGLK.V	19
PLOG+2344	proteomics_log	714368	714412	+	2	28	K.QIEKEAVEIVSEVLK.N	19
PLOG+2345	proteomics_log	714368	714418	+	2	33	K.QIEKEAVEIVSEVLKNA.-	21
PLOG+2346	proteomics_log	714380	714412	+	2	2	K.EAVEIVSEVLK.N	15
PLOG+2347	proteomics_log	714380	714418	+	2	2	K.EAVEIVSEVLKNA.-	17
PLOG+2348	proteomics_log	716847	716879	+	3	3	Y.ISIRTRRLQTK.K	15
PLOG+2349	proteomics_log	717012	717095	+	3	5	R.NNDPPHGNATDLPGNARTTKVSHGTNPQ.H	32
PLOG+2350	proteomics_log	717117	717140	+	3	15	T.NLHWRQTR.A	12
PLOG+2351	proteomics_log	717979	718020	+	1	12	R.RTQAVFRSVPAGQQ.V	18
PLOG+2352	proteomics_log	726681	726773	+	3	3	R.RGNQNCQCSQFHLAYVDFFTQIFRCTTNHQP.G	35
PLOG+2353	proteomics_log	732611	732688	+	2	2	Q.IYGGIRSIINIFVSQMVKGTILVVAK.T	30
PLOG+2354	proteomics_log	736489	736590	+	1	5	K.KSNEITAIPELLNM*LDIKGKIITTDAM*GCQKDIA.E	40
PLOG+2355	proteomics_log	742050	742145	+	3	2	K.MKNTELEQLINEKLNAAISDYAPNGLQVEGK.E	36
PLOG+2356	proteomics_log	742050	742088	+	3	12	K.MKNTELEQLINEK.L	17
PLOG+2357	proteomics_log	742161	742277	+	3	2	K.IVTGVTASQALLDEAVRLGADAVIVHHGYFWKGESPVIR.G	43
PLOG+2358	proteomics_log	742161	742211	+	3	61	K.IVTGVTASQALLDEAVR.L	21
PLOG+2359	proteomics_log	742212	742277	+	3	24	R.LGADAVIVHHGYFWKGESPVIR.G	26
PLOG+2360	proteomics_log	742497	742550	+	3	6	R.LGRKPLWCGDTGPEVVQR.V	22
PLOG+2361	proteomics_log	742576	742599	+	1	3	G.KVLSIAPR.V	12
PLOG+2362	proteomics_log	742602	742661	+	3	2	R.FGVDAFITGEVSEQTIHSAR.E	24
PLOG+2363	proteomics_log	742662	742709	+	3	3	R.EQGLHFYAAGHHATER.G	20
PLOG+2364	proteomics_log	742924	743025	+	1	8	R.LVDMPNVVEAIPGMNITVILRNPELALDAIER.L	38
PLOG+2365	proteomics_log	755130	755192	+	3	4	V.M*KLPVREFDAVVIGAGGAGM*R.A	27
PLOG+2366	proteomics_log	755130	755192	+	3	6	V.MKLPVREFDAVVIGAGGAGM*R.A	26
PLOG+2367	proteomics_log	755130	755192	+	3	165	V.MKLPVREFDAVVIGAGGAGMR.A	25
PLOG+2368	proteomics_log	755148	755192	+	3	6	R.EFDVAVVIGAGGAGMR.A	19
PLOG+2369	proteomics_log	755400	755453	+	3	8	K.TGPEAILELEHM*GLPFSR.L	23
PLOG+2370	proteomics_log	755400	755453	+	3	365	K.TGPEAILELEHMGLPFSR.L	22
PLOG+2371	proteomics_log	755454	755528	+	3	6	R.LDDGRIYQRPFGGQSKNFGGEQAAR.T	29
PLOG+2372	proteomics_log	755469	755528	+	3	7	R.IYQRPFGGQSKNFGGEQAAR.T	24
PLOG+2373	proteomics_log	755469	755501	+	3	81	R.IYQRPFGGQSK.N	15
PLOG+2374	proteomics_log	755502	755528	+	3	36	K.NFGGEQAAR.T	13
PLOG+2375	proteomics_log	755529	755594	+	3	25	R.TAAAADRTGHALLHTLYQQNLK.N	26
PLOG+2376	proteomics_log	755550	755594	+	3	4	R.TGHALLHTLYQQNLK.N	19
PLOG+2377	proteomics_log	755595	755642	+	3	16	K.NHTTIFSEWYALDLVK.N	20
PLOG+2378	proteomics_log	755715	755813	+	3	21	A.RATVLATGGAGRIYQSTTNAHINTGDGVGMAIR.A	37
PLOG+2379	proteomics_log	755718	755813	+	3	21	R.ATVLATGGAGRIYQSTTNAHINTGDGVGMAIR.A	36
PLOG+2380	proteomics_log	755718	755750	+	3	100	R.ATVLATGGAGR.I	15
PLOG+2381	proteomics_log	755751	755813	+	3	3	R.IYQSTTNAHINTGDGVGM*AIR.A	26
PLOG+2382	proteomics_log	755751	755813	+	3	74	R.IYQSTTNAHINTGDGVGMAIR.A	25
PLOG+2383	proteomics_log	755814	755906	+	3	7	R.AGVPVQDMEMWQFHPTGIAGAGVLVTEGCRG.E	35
PLOG+2384	proteomics_log	755955	756002	+	3	85	R.YAPNAKDLAGRDVVAR.S	20
PLOG+2385	proteomics_log	755973	756002	+	3	16	K.DLAGRDVVAR.S	14
PLOG+2386	proteomics_log	756003	756032	+	3	5	R.SIMIEIREGR.G	14
PLOG+2387	proteomics_log	756066	756107	+	3	175	K.LKLDHLGKEVLESR.L	18
PLOG+2388	proteomics_log	756066	756134	+	3	204	K.LKLDHLGKEVLESRLPGILELSR.T	27

PLOG+2389	proteomics_log	756072	756134	+	3	2	K.LDHLGKEVLESRLPGILELSR.T	25
PLOG+2390	proteomics_log	756072	756107	+	3	2	K.LDHLGKEVLESR.L	16
PLOG+2391	proteomics_log	756108	756134	+	3	106	R.LPGILELSR.T	13
PLOG+2392	proteomics_log	756327	756368	+	3	274	R.LGGNSLLDLVVFGR.A	18
PLOG+2393	proteomics_log	756369	756419	+	3	3	R.AAGLHLQESIAEQGALR.D	21
PLOG+2394	proteomics_log	756369	756467	+	3	6	R.AAGLHLQESIAEQGALRDASESDVEASLDRLNR.W	37
PLOG+2395	proteomics_log	756420	756458	+	3	5	R.DASESDVEASLDR.L	17
PLOG+2396	proteomics_log	756468	756512	+	3	4	R.WNNNRNGEDPVAIRK.A	19
PLOG+2397	proteomics_log	756576	756608	+	3	2	K.GLEQLKVIRER.L	15
PLOG+2398	proteomics_log	756576	756602	+	3	70	K.GLEQLKVIR.E	13
PLOG+2399	proteomics_log	756624	756659	+	3	64	R.LDDTSSEFNTQR.V	16
PLOG+2400	proteomics_log	756912	756938	+	3	75	K.MRLEFSIYR.Y	13
PLOG+2401	proteomics_log	756939	756968	+	3	3	R.YNPVDDAPR.M	14
PLOG+2402	proteomics_log	756969	757040	+	3	33	R.MQDYTLEADEGRDMMLLDALIQLK.E	28
PLOG+2403	proteomics_log	757005	757070	+	3	2	R.DMMLLDALIQLKEKDPSSLFRR.S	26
PLOG+2404	proteomics_log	757005	757040	+	3	6	R.DMMLLDALIQLK.E	16
PLOG+2405	proteomics_log	757176	757214	+	3	16	K.IVIRPLPGLPVIR.D	17
PLOG+2406	proteomics_log	757176	757259	+	3	79	K.IVIRPLPGLPVIRDLVVDMGQFYAQYEK.I	32
PLOG+2407	proteomics_log	757215	757259	+	3	2	R.DLVVDM*GQFYAQYEK.I	20
PLOG+2408	proteomics_log	757215	757259	+	3	8	R.DLVVDMGQFYAQYEK.I	19
PLOG+2409	proteomics_log	757260	757304	+	3	2	K.IKPYLLNNGQNPPAR.E	19
PLOG+2410	proteomics_log	757470	757526	+	3	16	R.DTETDSRLDGLSDAFSVFR.C	23
PLOG+2411	proteomics_log	757491	757526	+	3	17	R.LDGLSDAFSVFR.C	16
PLOG+2412	proteomics_log	757584	757619	+	3	6	R.AIGHIKSMMLQR.N	16
PLOG+2413	proteomics_log	757929	758054	+	3	5	T.MQNSALKAWLDSSYLSGANQSWIEQLYEDFLTDPDSVDANWR.S	46
PLOG+2414	proteomics_log	757950	758054	+	3	20	K.AWLDSSYLSGANQSWIEQLYEDFLTDPDSVDANWR.S	39
PLOG+2415	proteomics_log	758055	758117	+	3	51	R.STFQQLPGTGVKPDQFHSQTR.E	25
PLOG+2416	proteomics_log	758154	758201	+	3	6	R.YSSTISDPDTNVKQVK.V	20
PLOG+2417	proteomics_log	758154	758192	+	3	7	R.YSSTISDPDTNVK.Q	17
PLOG+2418	proteomics_log	758202	758228	+	3	26	K.VLQLINAYR.F	13
PLOG+2419	proteomics_log	758490	758534	+	3	75	R.IESGRATFNSEEKKR.F	19
PLOG+2420	proteomics_log	758505	758534	+	3	35	R.ATFNSEEKKR.F	14
PLOG+2421	proteomics_log	758535	758603	+	3	2	R.FLSELTAAEGLERYLGAKFPGAKR.R	27
PLOG+2422	proteomics_log	758535	758606	+	3	6	R.FLSELTAAEGLERYLGAKFPGAKR.F	28
PLOG+2423	proteomics_log	758535	758573	+	3	88	R.FLSELTAAEGLER.Y	17
PLOG+2424	proteomics_log	758574	758606	+	3	7	R.YLGAKFPGAKR.F	15
PLOG+2425	proteomics_log	758604	758660	+	3	19	K.RFSLEGGDALIPMLKEMIR.H	23
PLOG+2426	proteomics_log	758607	758648	+	3	17	R.FSLEGGDALIPMLK.E	18
PLOG+2427	proteomics_log	758607	758660	+	3	26	R.FSLEGGDALIPMLKEMIR.H	22
PLOG+2428	proteomics_log	758661	758711	+	3	18	R.HAGNSGTREVVLMMAHR.G	21
PLOG+2429	proteomics_log	758685	758711	+	3	3	R.EVVLMMAHR.G	13
PLOG+2430	proteomics_log	759051	759083	+	3	4	K.ARGYEVGGTVR.I	15
PLOG+2431	proteomics_log	759057	759083	+	3	10	R.GYEVGGTVR.I	13
PLOG+2432	proteomics_log	759084	759137	+	3	128	R.IVINNVQVGFSTSNPLDAR.S	22
PLOG+2433	proteomics_log	759168	759233	+	3	2	K.M*VQAPIFHVNADDPEAVAFVTR.L	27
PLOG+2434	proteomics_log	759168	759233	+	3	101	K.MVQAPIFHVNADDPEAVAFVTR.L	26

PLOG+2435	proteomics_log	759300	759356	+	3	2	R.HGHNEADEPSATQPLMYQK.I	23
PLOG+2436	proteomics_log	759381	759413	+	3	20	R.KIYADKLEQEK.V	15
PLOG+2437	proteomics_log	759381	759458	+	3	49	R.KIYADKLEQEKVATLEDATEMVNLYR.D	30
PLOG+2438	proteomics_log	759585	759608	+	3	6	K.RLQELAKR.I	12
PLOG+2439	proteomics_log	759606	759668	+	3	4	K.RISTVPEAVEMQSRVAKIYGD.R	25
PLOG+2440	proteomics_log	759606	759647	+	3	55	K.RISTVPEAVEMQSR.V	18
PLOG+2441	proteomics_log	759609	759647	+	3	3	R.ISTVPEAVEM*QSR.V	18
PLOG+2442	proteomics_log	759609	759647	+	3	109	R.ISTVPEAVEMQSR.V	17
PLOG+2443	proteomics_log	759960	760049	+	3	9	R.TLTIWEAQFGDFANGAQVVIDQFISSGEQK.W	34
PLOG+2444	proteomics_log	759960	760058	+	3	17	R.TLTIWEAQFGDFANGAQVVIDQFISSGEQKWGR.M	37
PLOG+2445	proteomics_log	760266	760364	+	3	12	K.SLLRHPLAVSSLEELANGTFLPAIGEIDELDPK.G	37
PLOG+2446	proteomics_log	760278	760364	+	3	3	R.HPLAVSSLEELANGTFLPAIGEIDELDPK.G	33
PLOG+2447	proteomics_log	760428	760460	+	3	2	R.KNNQHDVAIVR.I	15
PLOG+2448	proteomics_log	760629	760688	+	3	2	R.YAGRPASASPAVGYM*SVHQK.Q	25
PLOG+2449	proteomics_log	760629	760727	+	3	6	R.YAGRPASASPAVGYMSVHQKQQQDLVNDALNVE.-	37
PLOG+2450	proteomics_log	760629	760688	+	3	13	R.YAGRPASASPAVGYMSVHQK.Q	24
PLOG+2451	proteomics_log	760689	760727	+	3	13	K.QQQDLVNDALNVE.-	17
PLOG+2452	proteomics_log	760973	761047	+	2	123	R.LREGNSAGKETSASKEEKASTPAQR.Q	29
PLOG+2453	proteomics_log	760973	761014	+	2	244	R.LREGNSAGKETSASKEEK.A	18
PLOG+2454	proteomics_log	760973	761026	+	2	245	R.LREGNSAGKETSASKEEK.A	22
PLOG+2455	proteomics_log	760979	761047	+	2	55	R.EGNSAGKETSASKEEKASTPAQR.Q	27
PLOG+2456	proteomics_log	760991	761047	+	2	2	S.AGKETSASKEEKASTPAQR.Q	23
PLOG+2457	proteomics_log	761015	761047	+	2	27	K.SEEKASTPAQR.Q	15
PLOG+2458	proteomics_log	761027	761104	+	2	5	K.ASTPAQRQQASLEEQNNDALSPAIRR.L	30
PLOG+2459	proteomics_log	761048	761101	+	2	8	R.QQASLEEQNNDALSPAIR.R	22
PLOG+2460	proteomics_log	761102	761164	+	2	48	R.RLLAEHNLDASAIKGTGVGGRLTR.E	25
PLOG+2461	proteomics_log	761105	761188	+	2	4	R.LLAEHNLDASAIKGTGVGGRLTR.E	32
PLOG+2462	proteomics_log	761105	761143	+	2	5	R.LLAEHNLDASAIK.G	17
PLOG+2463	proteomics_log	761105	761173	+	2	17	R.LLAEHNLDASAIKGTGVGGRLTR.E	27
PLOG+2464	proteomics_log	761105	761164	+	2	169	R.LLAEHNLDASAIKGTGVGGRLTR.E	24
PLOG+2465	proteomics_log	761174	761266	+	2	8	R.EDVEKHLAKAPAKESAPAAAAAPAAQPALAAR.S	35
PLOG+2466	proteomics_log	761189	761266	+	2	47	K.HLAKAPAKESAPAAAAAPAAQPALAAR.S	30
PLOG+2467	proteomics_log	761201	761266	+	2	31	K.APAKESAPAAAAAPAAQPALAAR.S	26
PLOG+2468	proteomics_log	761213	761266	+	2	28	K.ESAPAAAAAPAAQPALAAR.S	22
PLOG+2469	proteomics_log	761306	761332	+	2	6	R.VAERLLEAK.N	13
PLOG+2470	proteomics_log	761318	761395	+	2	41	R.LLEAKNSTAMLTTFNEVNMKPIDLR.K	30
PLOG+2471	proteomics_log	761333	761398	+	2	31	K.NSTAMLTTFNEVNMKPIDLRK.Q	26
PLOG+2472	proteomics_log	761333	761395	+	2	131	K.NSTAMLTTFNEVNMKPIDLR.K	25
PLOG+2473	proteomics_log	761396	761425	+	2	26	R.KQYGEAFEKR.H	14
PLOG+2474	proteomics_log	761426	761464	+	2	4	R.HGIRLGFMSFYVK.A	17
PLOG+2475	proteomics_log	761438	761464	+	2	2	R.LGFM*SFYVK.A	14
PLOG+2476	proteomics_log	761438	761464	+	2	155	R.LGFM*SFYVK.A	13
PLOG+2477	proteomics_log	761465	761575	+	2	4	K.AVVEALKRYPEVNASIDGDDVYHNYFDVSMVSTPR.G	41
PLOG+2478	proteomics_log	761492	761575	+	2	4	Y.PEVNASIDGDDVYHNYFDVSMVSTPR.G	32
PLOG+2479	proteomics_log	761576	761665	+	2	2	R.GLVTPVLRDVRTLGM*ADIEKKIKELAVKGR.D	35
PLOG+2480	proteomics_log	761576	761665	+	2	14	R.GLVTPVLRDVRTLGMADIEKKIKELAVKGR.D	34

PLOG+2481	proteomics_log	761576	761644	+	2	16	R.GLVTPVLRDVDTLGMADIEKKIK.E	27
PLOG+2482	proteomics_log	761576	761659	+	2	18	R.GLVTPVLRDVDTLGMADIEKKIKELAVK.G	32
PLOG+2483	proteomics_log	761576	761638	+	2	53	R.GLVTPVLRDVDTLGMADIEKK.I	25
PLOG+2484	proteomics_log	761576	761635	+	2	71	R.GLVTPVLRDVDTLGMADIEK.K	24
PLOG+2485	proteomics_log	761600	761635	+	2	3	R.DVDTLGM*ADIEK.K	17
PLOG+2486	proteomics_log	761600	761635	+	2	4	R.DVDTLGMADIEK.K	16
PLOG+2487	proteomics_log	761600	761638	+	2	11	R.DVDTLGMADIEKK.I	17
PLOG+2488	proteomics_log	761636	761659	+	2	2	K.KIKELAVK.G	12
PLOG+2489	proteomics_log	761636	761665	+	2	2	K.KIKELAVKGR.D	14
PLOG+2490	proteomics_log	761801	761875	+	2	23	K.DRPMVNGQVEILPMMYLALSVDHR.L	29
PLOG+2491	proteomics_log	761876	761944	+	2	46	R.LIDGRESVGFLVTIKELLEDPTR.L	27
PLOG+2492	proteomics_log	761876	761959	+	2	201	R.LIDGRESVGFLVTIKELLEDPTRLLLDV.-	32
PLOG+2493	proteomics_log	761891	761959	+	2	71	R.ESVGFLVTIKELLEDPTRLLLDV.-	27
PLOG+2494	proteomics_log	761891	761944	+	2	97	R.ESVGFLVTIKELLEDPTR.L	22
PLOG+2495	proteomics_log	761921	761959	+	2	49	K.ELLEDPTRLLLDV.-	17
PLOG+2496	proteomics_log	762237	762278	+	3	10	H.M*NLHEYQAKQLFAR.Y	19
PLOG+2497	proteomics_log	762237	762263	+	3	59	H.M*NLHEYQAK.Q	14
PLOG+2498	proteomics_log	762237	762278	+	3	169	H.MNLHEYQAKQLFAR.Y	18
PLOG+2499	proteomics_log	762237	762263	+	3	301	H.MNLHEYQAK.Q	13
PLOG+2500	proteomics_log	762324	762374	+	3	10	R.EAEEAASKIGAGPWVVK.C	21
PLOG+2501	proteomics_log	762348	762374	+	3	137	K.IGAGPWVVK.C	13
PLOG+2502	proteomics_log	762399	762476	+	3	3	R.GKAGGVKVVNSKEDIRAFENWLGKR.L	30
PLOG+2503	proteomics_log	762399	762434	+	3	20	R.GKAGGVKVVNSK.E	16
PLOG+2504	proteomics_log	762399	762446	+	3	37	R.GKAGGVKVVNSKEDIR.A	20
PLOG+2505	proteomics_log	762405	762473	+	3	16	K.AGGVKKVVNSKEDIRAFENWLGK.R	27
PLOG+2506	proteomics_log	762405	762476	+	3	33	K.AGGVKKVVNSKEDIRAFENWLGKR.L	28
PLOG+2507	proteomics_log	762405	762446	+	3	127	K.AGGVKKVVNSKEDIR.A	18
PLOG+2508	proteomics_log	762405	762434	+	3	129	K.AGGVKKVVNSK.E	14
PLOG+2509	proteomics_log	762420	762446	+	3	18	K.VVNSKEDIR.A	13
PLOG+2510	proteomics_log	762420	762476	+	3	49	K.VVNSKEDIRAFENWLGKR.L	23
PLOG+2511	proteomics_log	762435	762476	+	3	44	K.EDIRAFENWLGKR.L	18
PLOG+2512	proteomics_log	762447	762473	+	3	20	R.AFAENWLGK.R	13
PLOG+2513	proteomics_log	762447	762476	+	3	129	R.AFAENWLGKR.L	14
PLOG+2514	proteomics_log	762474	762554	+	3	10	K.RLVTYQTDANGQPVNQILVEAATDIK.E	31
PLOG+2515	proteomics_log	762474	762584	+	3	166	K.RLVTYQTDANGQPVNQILVEAATDIAKELYLGAVVDR.S	41
PLOG+2516	proteomics_log	762477	762596	+	3	36	R.LVTYQTDANGQPVNQILVEAATDIKELYLGAVVDRSSRR.V	44
PLOG+2517	proteomics_log	762477	762593	+	3	140	R.LVTYQTDANGQPVNQILVEAATDIKELYLGAVVDRSSR.R	43
PLOG+2518	proteomics_log	762477	762554	+	3	146	R.LVTYQTDANGQPVNQILVEAATDIK.E	30
PLOG+2519	proteomics_log	762477	762584	+	3	570	R.LVTYQTDANGQPVNQILVEAATDIKELYLGAVVDR.S	40
PLOG+2520	proteomics_log	762510	762584	+	3	120	Q.PVNQILVEAATDIKELYLGAVVDR.S	29
PLOG+2521	proteomics_log	762528	762584	+	3	7	L.VEAATDIKELYLGAVVDR.S	23
PLOG+2522	proteomics_log	762555	762584	+	3	60	K.ELYLGAVVDR.S	14
PLOG+2523	proteomics_log	762594	762674	+	3	16	R.RVVFMASTEGGVEIEKVAEETPHLIHK.V	31
PLOG+2524	proteomics_log	762597	762674	+	3	116	R.VVFMASSTEGGVEIEKVAEETPHLIHK.V	30
PLOG+2525	proteomics_log	762642	762674	+	3	31	K.VAEETPHLIHK.V	15
PLOG+2526	proteomics_log	762675	762773	+	3	5	K.VALDPLTGMPYQGRELAFKLGLEGKLVQQFTK.I	37

PLOG+2527	proteomics_log	762675	762719	+	3	7	K.VALDPLTGPM*PYQGR.E	20
PLOG+2528	proteomics_log	762675	762719	+	3	78	K.VALDPLTGMPYQGR.E	19
PLOG+2529	proteomics_log	762735	762773	+	3	6	K.LGLEKLVQQFTK.I	17
PLOG+2530	proteomics_log	762753	762809	+	3	4	K.LVQQFTKIFMGLATIFLER.D	23
PLOG+2531	proteomics_log	762753	762851	+	3	21	K.LVQQFTKIFMGLATIFLERDLALIEINPLVITK.Q	37
PLOG+2532	proteomics_log	762774	762809	+	3	15	K.IFM*GLATIFLER.D	17
PLOG+2533	proteomics_log	762774	762809	+	3	81	K.IFMGLATIFLER.D	16
PLOG+2534	proteomics_log	762774	762851	+	3	90	K.IFMGLATIFLERDLALIEINPLVITK.Q	30
PLOG+2535	proteomics_log	762810	762851	+	3	117	R.DLALIEINPLVITK.Q	18
PLOG+2536	proteomics_log	762882	762911	+	3	10	K.LGADGNALFR.Q	14
PLOG+2537	proteomics_log	762882	762926	+	3	37	K.LGADGNALFRQPDLR.E	19
PLOG+2538	proteomics_log	763068	763121	+	3	5	K.LHGGEANFLDVGGGATK.E	22
PLOG+2539	proteomics_log	763068	763127	+	3	27	K.LHGGEANFLDVGGGATKER.V	24
PLOG+2540	proteomics_log	763092	763127	+	3	3	N.FLDVGGGATKER.V	16
PLOG+2541	proteomics_log	763122	763172	+	3	3	K.ERVTEAFKIILSDDKVK.A	21
PLOG+2542	proteomics_log	763128	763208	+	3	101	R.VTEAFKIILSDDKVKAVLVNIFGGIVR.C	31
PLOG+2543	proteomics_log	763128	763172	+	3	251	R.VTEAFKIILSDDKVK.A	19
PLOG+2544	proteomics_log	763146	763172	+	3	15	K.IILSDDKVK.A	13
PLOG+2545	proteomics_log	763146	763208	+	3	146	K.IILSDDKVKAVLVNIFGGIVR.C	25
PLOG+2546	proteomics_log	763173	763208	+	3	250	K.AVLVNIFGGIVR.C	16
PLOG+2547	proteomics_log	763281	763400	+	3	17	R.LEGNNAELGAKKLADSGLNIIAAKGLTDAAQQVVAAVEGK.-	44
PLOG+2548	proteomics_log	763281	763352	+	3	55	R.LEGNNAELGAKKLADSGLNIIAAK.G	28
PLOG+2549	proteomics_log	763281	763313	+	3	78	R.LEGNNAELGAK.K	15
PLOG+2550	proteomics_log	763281	763316	+	3	92	R.LEGNNAELGAKK.L	16
PLOG+2551	proteomics_log	763314	763373	+	3	3	K.KLADSGLNIIAAKGLTDAAQ.Q	24
PLOG+2552	proteomics_log	763314	763400	+	3	208	K.KLADSGLNIIAAKGLTDAAQQVVAAVEGK.-	33
PLOG+2553	proteomics_log	763314	763352	+	3	365	K.KLADSGLNIIAAK.G	17
PLOG+2554	proteomics_log	763317	763400	+	3	96	K.LADSGLNIIAAKGLTDAAQQVVAAVEGK.-	32
PLOG+2555	proteomics_log	763317	763352	+	3	185	K.LADSGLNIIAAK.G	16
PLOG+2556	proteomics_log	763353	763400	+	3	502	K.GLTDAAQQVVAAVEGK.-	20
PLOG+2557	proteomics_log	763406	763432	+	2	126	M.SILIDKNTK.V	13
PLOG+2558	proteomics_log	763505	763531	+	2	5	K.MVGGVTPGK.G	13
PLOG+2559	proteomics_log	763505	763576	+	2	23	K.M*VGGVTPGKGGTTHLGLPVFNTVR.E	29
PLOG+2560	proteomics_log	763505	763576	+	2	298	K.MVGGVTPGKGGTTHLGLPVFNTVR.E	28
PLOG+2561	proteomics_log	763532	763576	+	2	25	K.GGTTHLGLPVFNTVR.E	19
PLOG+2562	proteomics_log	763640	763675	+	2	32	K.DSILEAIDAGIK.L	16
PLOG+2563	proteomics_log	763676	763729	+	2	13	K.LIITITEGIPTLDM*LTVK.V	23
PLOG+2564	proteomics_log	763676	763729	+	2	129	K.LIITITEGIPTLDMMLTVK.V	22
PLOG+2565	proteomics_log	763730	763756	+	2	75	K.VKLDEAGVR.M	13
PLOG+2566	proteomics_log	763805	763843	+	2	44	K.IGIQPGHIHKPGK.V	17
PLOG+2567	proteomics_log	763805	763861	+	2	210	K.IGIQPGHIHKPGKVGIVSR.S	23
PLOG+2568	proteomics_log	763862	763924	+	2	2	R.SGTLTYEAVKQTTDYFGQST.C	25
PLOG+2569	proteomics_log	763862	763891	+	2	4	R.SGTLTYEAVK.Q	14
PLOG+2570	proteomics_log	764072	764131	+	2	3	K.EHVTKPVVGYIAGVTAPK.G.R	24
PLOG+2571	proteomics_log	764072	764125	+	2	7	K.EHVTKPVVGYIAGVTAPK.G	22
PLOG+2572	proteomics_log	764132	764218	+	2	2	K.RM*GHAGAIAGGKGTADKFAALEAAGVK.T	34



PLOG+2573	proteomics_log	764132	764188	+	2	14	K.RMGHAGAIAGGKGTADEK.F	23
PLOG+2574	proteomics_log	764132	764170	+	2	15	K.RMGHAGAIAGGK.G	17
PLOG+2575	proteomics_log	764132	764227	+	2	15	K.RMGHAGAIAGGKGTADEKFAALEAAGVKTVR.S	36
PLOG+2576	proteomics_log	764132	764218	+	2	93	K.RMGHAGAIAGGKGTADEKFAALEAAGVK.T	33
PLOG+2577	proteomics_log	764135	764170	+	2	78	R.MGHAGAIAGGK.G	16
PLOG+2578	proteomics_log	764135	764188	+	2	90	R.MGHAGAIAGGKGTADEK.F	22
PLOG+2579	proteomics_log	764135	764227	+	2	145	R.MGHAGAIAGGKGTADEKFAALEAAGVKTVR.S	35
PLOG+2580	proteomics_log	764135	764218	+	2	159	R.MGHAGAIAGGKGTADEKFAALEAAGVK.T	32
PLOG+2581	proteomics_log	764135	764269	+	2	2	R.M*GHAGAIAGGKGTADEKFAALEAAGVKTVRSLADIGEALKTVLK.-	50
PLOG+2582	proteomics_log	764135	764188	+	2	90	R.M*GHAGAIAGGKGTADEK.F	23
PLOG+2583	proteomics_log	764135	764227	+	2	145	R.M*GHAGAIAGGKGTADEKFAALEAAGVKTVR.S	36
PLOG+2584	proteomics_log	764135	764218	+	2	159	R.M*GHAGAIAGGKGTADEKFAALEAAGVK.T	33
PLOG+2585	proteomics_log	764156	764227	+	2	2	I.IAGGKGTADEKFAALEAAGVKTVR.S	28
PLOG+2586	proteomics_log	764159	764227	+	2	15	I.AGGKGTADEKFAALEAAGVKTVR.S	27
PLOG+2587	proteomics_log	764171	764227	+	2	14	K.GTADEKFAALEAAGVKTVR.S	23
PLOG+2588	proteomics_log	764171	764218	+	2	47	K.GTADEKFAALEAAGVK.T	20
PLOG+2589	proteomics_log	764189	764269	+	2	4	K.FAALAAGVKTVRSLADIGEALKTVLK.-	31
PLOG+2590	proteomics_log	764189	764218	+	2	34	K.FAALAAGVK.T	14
PLOG+2591	proteomics_log	764189	764227	+	2	83	K.FAALAAGVKTVR.S	17
PLOG+2592	proteomics_log	764195	764227	+	2	3	A.ALEAAGVKTVR.S	15
PLOG+2593	proteomics_log	764219	764269	+	2	7	K.TVRSLADIGEALKTVLK.-	21
PLOG+2594	proteomics_log	764228	764257	+	2	230	R.SLADIGEALK.T	14
PLOG+2595	proteomics_log	764228	764269	+	2	367	R.SLADIGEALKTVLK.-	18
PLOG+2596	proteomics_log	771575	771631	+	2	10	R.SVDTPVIGLKELMVQHEER.I	23
PLOG+2597	proteomics_log	771650	771676	+	2	3	K.AYSLLEQLR.S	13
PLOG+2598	proteomics_log	771677	771757	+	2	2	R.SGSTDQAVRDQFNSMKKDLGYGLLLKR.Y	31
PLOG+2599	proteomics_log	771677	771754	+	2	3	R.SGSTDQAVRDQFNSMKKDLGYGLLLK.R	30
PLOG+2600	proteomics_log	771728	771757	+	2	6	K.DLGYGLLLKR.Y	14
PLOG+2601	proteomics_log	772205	772246	+	2	6	R.YHFQSSTTTQPAR.-	18
PLOG+2602	proteomics_log	774610	774651	+	1	2	G.SEQIFYSGFKEFVR.L	18
PLOG+2603	proteomics_log	774970	775032	+	1	7	R.VNKLELNVDNFMEFTAILHR.Q	25
PLOG+2604	proteomics_log	776540	776617	+	2	4	G.NTKNNGASGADINNYAGQIKSAIESK.F	30
PLOG+2605	proteomics_log	777035	777151	+	2	195	R.IVIDSGVDSGRPIGVVFPQWAGPGAAPEDIGGIVAADLR.N	43
PLOG+2606	proteomics_log	777092	777151	+	2	8	Q.WAGPGAAPEDIGGIVAADLR.N	24
PLOG+2607	proteomics_log	777152	777181	+	2	54	R.NSGKFNPLDR.A	14
PLOG+2608	proteomics_log	777389	777427	+	2	7	R.YAGHTASDEVFEK.L	17
PLOG+2609	proteomics_log	777389	777460	+	2	15	R.YAGHTASDEVFEKLTGIKGAFRTR.I	28
PLOG+2610	proteomics_log	777389	777442	+	2	36	R.YAGHTASDEVFEKLTGIK.G	22
PLOG+2611	proteomics_log	777389	777454	+	2	70	R.YAGHTASDEVFEKLTGIKGAFR.T	26
PLOG+2612	proteomics_log	777461	777511	+	2	30	R.IAYVVQTNGGQFPYELR.V	21
PLOG+2613	proteomics_log	777512	777553	+	2	6	R.VSDYDGYNQFVVHR.S	18
PLOG+2614	proteomics_log	777554	777631	+	2	3	R.SPQPLMSPAWSPDGSKLAYVTFESGR.S	30
PLOG+2615	proteomics_log	777602	777631	+	2	4	K.LAYVTFESGR.S	14
PLOG+2616	proteomics_log	777632	777754	+	2	2	R.SALVIQTLANGAVRQVASFPRHNGAPAFSPDGSKLAFALS.K.T	45
PLOG+2617	proteomics_log	777632	777673	+	2	81	R.SALVIQTLANGAVR.Q	18
PLOG+2618	proteomics_log	777695	777733	+	2	5	R.HNGAPAFSPDGSK.L	17

PLOG+2619	proteomics_log	777695	777754	+	2	76	R.HNGAPAFSPDGSKLAFALSK.T	24
PLOG+2620	proteomics_log	777755	777805	+	2	55	K.TGSLNLYVMDLASGQIR.Q	21
PLOG+2621	proteomics_log	778190	778252	+	2	4	R.FKARLPATDGQVKFPAWSPYL.-	25
PLOG+2622	proteomics_log	778196	778252	+	2	2	K.ARLPATDGQVKFPAWSPYL.-	23
PLOG+2623	proteomics_log	778202	778252	+	2	56	R.LPATDGQVKFPAWSPYL.-	21
PLOG+2624	proteomics_log	778467	778532	+	3	23	R.LQMQLQNNIVYFDLDKYDIR.S	26
PLOG+2625	proteomics_log	778533	778568	+	3	2	R.SDFAQMLDAHAN.F	16
PLOG+2626	proteomics_log	778533	778577	+	3	39	R.SDFAQMLDAHANFLR.S	19
PLOG+2627	proteomics_log	778596	778625	+	3	24	K.VTVEGHADER.G	14
PLOG+2628	proteomics_log	778626	778661	+	3	3	R.GTPEYNISLGER.R	16
PLOG+2629	proteomics_log	778662	778697	+	3	14	R.RANAVKMYLQGK.G	16
PLOG+2630	proteomics_log	778698	778790	+	3	7	K.GVSADQISIVSYGKEKPAVLGHDEAAYSKNR.R	35
PLOG+2631	proteomics_log	778698	778739	+	3	8	K.GVSADQISIVSYGK.E	18
PLOG+2632	proteomics_log	778740	778784	+	3	3	K.EKPAVLGHDEAAYSK.N	19
PLOG+2633	proteomics_log	778962	779042	+	3	2	R.ISNAHSQLLTQLQQQLSDNQSDIDSLR.G	31
PLOG+2634	proteomics_log	778962	779090	+	3	5	R.ISNAHSQLLTQLQQQLSDNQSDIDSLRGIQENQYQLNQVVER.Q	47
PLOG+2635	proteomics_log	781527	781574	+	3	60	R.FGAKHPASTLLVAGVR.F	20
PLOG+2636	proteomics_log	781542	781574	+	3	2	H.PASTLLVAGVR.F	15
PLOG+2637	proteomics_log	781749	781823	+	3	4	K.ARADWVVTSSIAVELIDHLDLGEK.I	29
PLOG+2638	proteomics_log	781755	781823	+	3	18	R.ADWWVTSSIAVELIDHLDLGEK.I	27
PLOG+2639	proteomics_log	781755	781856	+	3	18	R.ADWWVTSSIAVELIDHLDLGEKIIWAPDKHLGR.Y	38
PLOG+2640	proteomics_log	781947	782060	+	3	82	R.LQEEYPDAAILVHPESPQAIQIVDMADAVGSTSQLIAAAK.T	42
PLOG+2641	proteomics_log	782079	782114	+	3	10	R.LIVATDRGIFYK.M	16
PLOG+2642	proteomics_log	782115	782183	+	3	2	K.MQQAVPDKELLEAPTAGEGATCR.S	27
PLOG+2643	proteomics_log	782319	782348	+	3	35	R.MLDFAATLRG.-	14
PLOG+2644	proteomics_log	784856	784975	+	2	3	D.MNYQNDDLRIKEIKELLPPVALLEKFPATENAANTVAHAR.K	44
PLOG+2645	proteomics_log	784856	784975	+	2	3	D.M*NYQNDDLRIKEIKELLPPVALLEKFPATENAANTVAHAR.K	45
PLOG+2646	proteomics_log	784856	784882	+	2	14	D.M*NYQNDDLRIKEIKELLPPVALLEKFPATENAANTVAHAR.K	14
PLOG+2647	proteomics_log	784856	784882	+	2	120	D.MNYQNDDLRIKEIKELLPPVALLEKFPATENAANTVAHAR.K	13
PLOG+2648	proteomics_log	784883	784930	+	2	2	R.IKEIKELLPPVALLEKFPATENAANTVAHAR.K	20
PLOG+2649	proteomics_log	784883	784978	+	2	3	R.IKEIKELLPPVALLEKFPATENAANTVAHARK.A	36
PLOG+2650	proteomics_log	784883	784975	+	2	130	R.IKEIKELLPPVALLEKFPATENAANTVAHAR.K	35
PLOG+2651	proteomics_log	784889	784975	+	2	12	K.EIKELLPPVALLEKFPATENAANTVAHAR.K	33
PLOG+2652	proteomics_log	784898	784975	+	2	151	K.ELLPPVALLEKFPATENAANTVAHAR.K	30
PLOG+2653	proteomics_log	784919	784975	+	2	4	A.LLEKFPATENAANTVAHAR.K	23
PLOG+2654	proteomics_log	784931	784975	+	2	22	K.FPATENAANTVAHAR.K	19
PLOG+2655	proteomics_log	784976	785014	+	2	2	R.KAIHKILKGNDLR.L	17
PLOG+2656	proteomics_log	784991	785080	+	2	2	K.IKGNDDRLLVIGPCSIHDPVAAKEYATR.L	34
PLOG+2657	proteomics_log	784991	785014	+	2	9	K.IKGNDDR.L	12
PLOG+2658	proteomics_log	785081	785131	+	2	8	R.LLALREELKDELEIVM*R.V	22
PLOG+2659	proteomics_log	785081	785131	+	2	235	R.LLALREELKDELEIVMR.V	21
PLOG+2660	proteomics_log	785132	785152	+	2	2	R.VYFEKPR.T	11
PLOG+2661	proteomics_log	785132	785152	+	2	2	R.VYFEKPR.T	11
PLOG+2662	proteomics_log	785153	785227	+	2	51	R.TTVGWKGLINDPHMDNSFQINDGLR.I	29
PLOG+2663	proteomics_log	785171	785227	+	2	2	K.GLINDPHM*DNSFQINDGLR.I	24
PLOG+2664	proteomics_log	785171	785227	+	2	180	K.GLINDPHMDNSFQINDGLR.I	23

PLOG+2665	proteomics_log	785237	785350	+	2	7	R.KLLLDINDSGLPAAGEFLDM*ITPQYLADLM*SWGAI GAR.T	44
PLOG+2666	proteomics_log	785237	785350	+	2	11	R.KLLLDINDSGLPAAGEFLDM*ITPQYLADLM*SWGAI GAR.T	43
PLOG+2667	proteomics_log	785237	785350	+	2	43	R.KLLLDINDSGLPAAGEFLDMITPQYLADLM*SWGAI GAR.T	43
PLOG+2668	proteomics_log	785237	785350	+	2	259	R.KLLLDINDSGLPAAGEFLDMITPQYLADLM*SWGAI GAR.T	42
PLOG+2669	proteomics_log	785240	785350	+	2	12	K.LLLDINDSGLPAAGEFLDMITPQYLADLM*SWGAI GAR.T	42
PLOG+2670	proteomics_log	785240	785350	+	2	126	K.LLLDINDSGLPAAGEFLDMITPQYLADLM*SWGAI GAR.T	41
PLOG+2671	proteomics_log	785351	785437	+	2	2	R.TTESQVHRELASGLSCPVGFKNGTDGTIK.V	33
PLOG+2672	proteomics_log	785351	785374	+	2	14	R.TTESQVHR.E	12
PLOG+2673	proteomics_log	785414	785497	+	2	2	K.NGTDGTIKVAIDAINAAGAPHCFLSVTK.W	32
PLOG+2674	proteomics_log	785498	785560	+	2	2	K.WGHSIVNTSGNGDCHIILRG.G	25
PLOG+2675	proteomics_log	785588	785674	+	2	17	K.HVAEVKEGLNKAGLPAQVMIDFSHANSSK.Q	33
PLOG+2676	proteomics_log	785588	785620	+	2	37	K.HVAEVKEGLNK.A	15
PLOG+2677	proteomics_log	785606	785674	+	2	22	K.EGLNKAGLPAQVMIDFSHANSSK.Q	27
PLOG+2678	proteomics_log	785621	785674	+	2	30	K.AGLPAQVMIDFSHANSSK.Q	22
PLOG+2679	proteomics_log	785738	785821	+	2	143	K.AIIGVMVESHLVEGNQSLESGEPLAYGK.S	32
PLOG+2680	proteomics_log	785822	785893	+	2	4	K.SITDACIGWEDTDALLRQLANAVK.A	28
PLOG+2681	proteomics_log	785822	785899	+	2	8	K.SITDACIGWEDTDALLRQLANAVKAR.R	30
PLOG+2682	proteomics_log	785822	785872	+	2	10	K.SITDACIGWEDTDALLR.Q	21
PLOG+2683	proteomics_log	792852	792908	+	3	5	A.EVPPARGPGPISRFHSNR.Q	23
PLOG+2684	proteomics_log	794384	794467	+	2	12	A.DEGKITVFAAASLTNAMQDIATQFKKEK.G	32
PLOG+2685	proteomics_log	794384	794461	+	2	24	A.DEGKITVFAAASLTNAMQDIATQFKK.E	30
PLOG+2686	proteomics_log	794468	794515	+	2	2	K.GVDVVSFASSTLAR.Q	20
PLOG+2687	proteomics_log	794516	794566	+	2	3	R.QIEAGAPADLFISADQK.W	21
PLOG+2688	proteomics_log	794615	794656	+	2	27	R.QTLLGNSLVVVPK.A	18
PLOG+2689	proteomics_log	794657	794692	+	2	9	K.ASVQKDFIDSK.T	16
PLOG+2690	proteomics_log	794693	794773	+	2	2	K.TNWTSLLLNGGRLAVGDPEHVPAGIYAK.E	31
PLOG+2691	proteomics_log	794693	794725	+	2	9	K.TNWTSLLLNGGR.L	15
PLOG+2692	proteomics_log	794726	794773	+	2	17	R.LAVGDPEHVPAGIYAK.E	20
PLOG+2693	proteomics_log	794789	794818	+	2	2	K.LGAWDTLSPK.L	14
PLOG+2694	proteomics_log	794819	794917	+	2	2	K.LAPAEDVRGALALVERNEAPLGIVYGSDAVASK.G	37
PLOG+2695	proteomics_log	795014	795064	+	2	50	K.AFYDYLGKGPQAAEIFKR.Y	21
PLOG+2696	proteomics_log	796086	796178	+	3	6	K.SMVDQFDKLVALLGIEPLLDRLPGSLSGGEK.Q	35
PLOG+2697	proteomics_log	796200	796265	+	3	2	R.ALLTAPELLLLDEPLASLDIPR.K	26
PLOG+2698	proteomics_log	797953	797985	+	1	3	R.YLYVGVVRPEFR.V	15
PLOG+2699	proteomics_log	798496	798531	+	1	3	R.WAADIHITPDGR.H	16
PLOG+2700	proteomics_log	798553	798642	+	1	3	R.TASLITVFSVSEDSVLSKEGFQPTETQPR.G	34
PLOG+2701	proteomics_log	798610	798642	+	1	4	K.EGFQPTETQPR.G	15
PLOG+2702	proteomics_log	798643	798693	+	1	11	R.GFNVDHSGKYLIAAGQK.S	21
PLOG+2703	proteomics_log	798694	798750	+	1	7	K.SHHISVYEIVGEQGLLHEK.G	23
PLOG+2704	proteomics_log	798757	798801	+	1	2	R.YAVGQGPM*WVVVNAH.-	20
PLOG+2705	proteomics_log	798757	798801	+	1	40	R.YAVGQGPMWVVVNAH.-	19
PLOG+2706	proteomics_log	803837	803911	+	2	2	R.RRMHCANPVAMTPSRWQFTRHHSR.C	29
PLOG+2707	proteomics_log	804698	804751	+	2	5	R.ILPRSTRLNIAIVLTSSTG.G	22
PLOG+2708	proteomics_log	804779	804844	+	2	3	K.YQPLKWGITFTSLALKRRWIIR.V	26
PLOG+2709	proteomics_log	808585	808662	+	1	103	R.WTLSQVTELFKPLDLLFEAQQVHR.Q	30
PLOG+2710	proteomics_log	808789	808824	+	1	8	R.LMEVEQVLESAR.K	16

PLOG+2711	proteomics_log	808891	808929	+	1	2	R.DM*PYLEQM*VQGVK.A	19
PLOG+2712	proteomics_log	808990	809070	+	1	18	R.LANAGLDYYNHNLDTSPFYGNIITTR.T	31
PLOG+2713	proteomics_log	809173	809244	+	1	11	R.AGLLLQLANLPTPPESVPINMLVK.V	28
PLOG+2714	proteomics_log	809245	809301	+	1	6	K.VKGTPLADNDDVDAFD FIR.T	23
PLOG+2715	proteomics_log	809251	809301	+	1	6	K.GTPLADNDDVDAFD FIR.T	21
PLOG+2716	proteomics_log	809548	809604	+	1	2	R.LEQALMTPDTDEYYNAAAL.-	23
PLOG+2717	proteomics_log	809548	809604	+	1	2	R.LEQALM*TPDTDEYYNAAAL.-	24
PLOG+2718	proteomics_log	810681	810755	+	3	3	R.LRLTLTAAHEMQDIDRLLEVLHGNG.-	29
PLOG+2719	proteomics_log	811592	811630	+	2	4	R.TAGYKPVASGSEK.T	17
PLOG+2720	proteomics_log	812075	812146	+	2	2	R.M*IPAPLLGEIPWLAENPENAATGK.Y	29
PLOG+2721	proteomics_log	812075	812167	+	2	37	R.MIPAPLLGEIPWLAENPENAATGKYINLALL.-	35
PLOG+2722	proteomics_log	812075	812146	+	2	39	R.MIPAPLLGEIPWLAENPENAATGK.Y	28
PLOG+2723	proteomics_log	814228	814269	+	1	2	R.LGEFDVLVGINLLR.E	18
PLOG+2724	proteomics_log	814525	814563	+	1	4	K.VVDILALGQNI AK.T	17
PLOG+2725	proteomics_log	817281	817313	+	3	61	M.SQVSTEFIPTR.I	15
PLOG+2726	proteomics_log	817314	817340	+	3	31	R.IAILTVSNR.R	13
PLOG+2727	proteomics_log	817341	817379	+	3	6	R.RGEEDDTSGHYLR.D	17
PLOG+2728	proteomics_log	817380	817439	+	3	6	R.DSAQEAGHHVVDKAI VKENR.Y	24
PLOG+2729	proteomics_log	817380	817418	+	3	10	R.DSAQEAGHHVVDK.A	17
PLOG+2730	proteomics_log	817599	817643	+	3	2	R.M*LSFEEIGTSTLQSR.A	20
PLOG+2731	proteomics_log	817599	817643	+	3	35	R.MLSFEEIGTSTLQSR.A	19
PLOG+2732	proteomics_log	817644	817667	+	3	13	R.AVAGVANK.T	12
PLOG+2733	proteomics_log	817644	817700	+	3	36	R.AVAGVANKTLIFAMPGSTK.A	23
PLOG+2734	proteomics_log	817668	817700	+	3	34	K.TLIFAMPGSTK.A	15
PLOG+2735	proteomics_log	817710	817751	+	3	59	R.TAWENIIAPQLDAR.T	18
PLOG+2736	proteomics_log	817796	817855	+	2	6	M.SQLTHINAAGEAHMVDVSAK.A	24
PLOG+2737	proteomics_log	817904	817969	+	2	2	R.SETLAMIIDGRHHKGDVFATAR.I	26
PLOG+2738	proteomics_log	817904	817969	+	2	2	R.SETLAM*IIDGRHHKGDVFATAR.I	27
PLOG+2739	proteomics_log	817904	817936	+	2	4	R.SETLAMIIDGR.H	15
PLOG+2740	proteomics_log	817970	817996	+	2	5	R.IAGIQAAKR.T	13
PLOG+2741	proteomics_log	818186	818221	+	2	5	K.AVQKDMVIGPVR.L	16
PLOG+2742	proteomics_log	818234	818275	+	2	3	K.SGGKSGDFKVEADD.-	18
PLOG+2743	proteomics_log	818304	818366	+	3	5	R.ELVGTDATEVAADFPTVEALR.Q	25
PLOG+2744	proteomics_log	818770	818829	+	1	5	R.IGELWPGDEIVFVGVTSAHR.S	24
PLOG+2745	proteomics_log	818830	818874	+	1	10	R.SSAFEAGQFIMDYLK.T	19
PLOG+2746	proteomics_log	821744	821785	+	2	112	F.QFLPDPAPPLSVVR.A	18
PLOG+2747	proteomics_log	830098	830136	+	1	2	M.SFDSLGLSPDILR.A	17
PLOG+2748	proteomics_log	830212	830247	+	1	2	R.DLM*ASAQTGTGK.T	17
PLOG+2749	proteomics_log	830500	830574	+	1	2	R.LLDLEHQNAVKLDQVEILVLDEADR.M	29
PLOG+2750	proteomics_log	831016	831090	+	1	4	R.GLDIEELPHVVNYELPNVPEDYVHR.I	29
PLOG+2751	proteomics_log	834549	834620	+	3	16	R.GLYAHMLNGEVPDLELGGVLI ALR.I	28
PLOG+2752	proteomics_log	834840	834911	+	3	2	R.VLTETIFELMGITPTLHGGQAQAK.L	28
PLOG+2753	proteomics_log	835029	835064	+	3	2	K.LATPFAEGEALR.L	16
PLOG+2754	proteomics_log	835029	835100	+	3	3	K.LATPFAEGEALRLSSVSHPEYIGR.V	28
PLOG+2755	proteomics_log	835065	835100	+	3	2	R.LSSVSHPEYIGR.V	16
PLOG+2756	proteomics_log	835574	835636	+	2	9	T.M*ESGHRFDAQTLHSFIQAVFR.Q	26

PLOG+2757	proteomics_log	835574	835636	+	2	45	T.MESGHRFDAQTLHSFIQAVFR.Q	25
PLOG+2758	proteomics_log	835592	835636	+	2	40	R.FDAQTLHSFIQAVFR.Q	19
PLOG+2759	proteomics_log	835664	835747	+	2	5	A.KLVADHLIAANLAGHDSHGIGMIPSYVR.S	32
PLOG+2760	proteomics_log	835667	835747	+	2	39	K.LVADHLIAANLAGHDSHGIGMIPSYVR.S	31
PLOG+2761	proteomics_log	836087	836143	+	2	15	R.KDNFPLLLDYATSAIAFGK.T	23
PLOG+2762	proteomics_log	839921	839941	+	2	3	R.RWGRIAR.Q	11
PLOG+2763	proteomics_log	844329	844355	+	3	2	M.RGAGDIAIK.L	13
PLOG+2764	proteomics_log	849742	849801	+	1	8	A.ATSTVTGGYAQSDAQGQM*NK.M	25
PLOG+2765	proteomics_log	849742	849801	+	1	97	A.ATSTVTGGYAQSDAQGQMNK.M	24
PLOG+2766	proteomics_log	849802	849828	+	1	8	K.MGGFNLYR.Y	13
PLOG+2767	proteomics_log	849802	849885	+	1	9	K.MGGFNLYRYEEDNSPLGVIGSFTYTEK.S	32
PLOG+2768	proteomics_log	849823	849891	+	1	2	K.YRYEEDNSPLGVIGSFTYTEKSR.T	27
PLOG+2769	proteomics_log	849823	849885	+	1	21	K.YRYEEDNSPLGVIGSFTYTEK.S	25
PLOG+2770	proteomics_log	849829	849885	+	1	35	R.YEEDNSPLGVIGSFTYTEK.S	23
PLOG+2771	proteomics_log	849886	849957	+	1	3	K.SRTASSGDYNKNQYYGITAGPAYR.I	28
PLOG+2772	proteomics_log	849892	849957	+	1	24	R.TASSGDYNKNQYYGITAGPAYR.I	26
PLOG+2773	proteomics_log	849958	850008	+	1	3	R.INDWASIYGVVGVGYGK.F	21
PLOG+2774	proteomics_log	850135	850185	+	1	8	R.IRSVDVGTWIAGVGYRF.-	21
PLOG+2775	proteomics_log	850141	850182	+	1	2	R.SVDVGTWIAGVGYR.F	18
PLOG+2776	proteomics_log	850141	850185	+	1	136	R.SVDVGTWIAGVGYRF.-	19
PLOG+2777	proteomics_log	852439	852495	+	1	3	K.KVTQLVNVEEHVEGFRQVR.E	23
PLOG+2778	proteomics_log	852511	852573	+	1	4	R.ELIDDYVELISDLIREVGEAR.Q	25
PLOG+2779	proteomics_log	852511	852555	+	1	15	R.ELIDDYVELISDLIR.E	19
PLOG+2780	proteomics_log	855201	855254	+	3	4	S.NVTM*QFGSKPLFENISVK.F	23
PLOG+2781	proteomics_log	855255	855320	+	3	2	K.FGGGNRYGLIGANGSGKSTFM*K.I	27
PLOG+2782	proteomics_log	855321	855380	+	3	4	K.ILGGDLEPTLGNVSLDPNER.I	24
PLOG+2783	proteomics_log	855675	855761	+	3	14	R.VLLAQALFADPDILLDEPTNLDIDTIR.W	33
PLOG+2784	proteomics_log	855963	855998	+	3	4	K.AQIAELQSFVSR.F	16
PLOG+2785	proteomics_log	855973	856044	+	1	7	L.LSCNLSLAALAPTPRNLARQLRAR.A	28
PLOG+2786	proteomics_log	856041	856091	+	3	2	R.ARQIDKIKLEEVKASSR.Q	21
PLOG+2787	proteomics_log	856137	856193	+	3	2	R.NALEVEGLTKGFDNGPLFK.N	23
PLOG+2788	proteomics_log	856194	856226	+	3	3	K.NLNLLLEVGEK.L	15
PLOG+2789	proteomics_log	856458	856496	+	3	2	R.LLFSQDDIKKPAK.V	17
PLOG+2790	proteomics_log	856722	856760	+	3	5	R.VIDFSGNYEDYLR.S	17
PLOG+2791	proteomics_log	859478	859570	+	2	2	R.DTHYQIAILIGM*FFRIQQRFAGNDVVLNMPA.F	36
PLOG+2792	proteomics_log	863030	863086	+	2	2	R.LFAQVMATTAEGMVNDALK.L	23
PLOG+2793	proteomics_log	863030	863092	+	2	3	R.LFAQVMATTAEGMVNDALKLR.S	25
PLOG+2794	proteomics_log	865342	865371	+	1	3	T.GKGFTGNGQR.L	14
PLOG+2795	proteomics_log	865794	865841	+	3	6	M.GKAVIAIHGGAGAIR.A	20
PLOG+2796	proteomics_log	865872	865964	+	3	4	R.YIEALSAIVETGQKMLEAGESALDVVTEAVR.L	35
PLOG+2797	proteomics_log	865914	865964	+	3	7	K.MLEAGESALDVVTEAVR.L	21
PLOG+2798	proteomics_log	866070	866123	+	3	3	K.AGAVAGVSHLRNPVLAAR.L	22
PLOG+2799	proteomics_log	866124	866192	+	3	2	R.LVMEQSPHVMMIGEGAENFAFAR.G	27
PLOG+2800	proteomics_log	867049	867138	+	1	2	R.GADMAMIFQEPMTSLNPVFTVGEQIAESIR.L	34
PLOG+2801	proteomics_log	868712	868801	+	2	23	A.AKDVVAVGSNFTTLDPYDANDTLSQAVAK.S	34
PLOG+2802	proteomics_log	868802	868843	+	2	7	K.SFYQGLFGLDKEMK.L	18

PLOG+2803	proteomics_log	868979	869008	+	2	2	R.ASDPANHLKR.Y	14
PLOG+2804	proteomics_log	869036	869065	+	2	3	K.TEADPTTVK.I	14
PLOG+2805	proteomics_log	869066	869152	+	2	16	K.ITLKQPFSAFINILAHPATAMISPAALEK.Y	33
PLOG+2806	proteomics_log	869396	869440	+	2	2	K.NKNIELMASPSIMQR.Y	19
PLOG+2807	proteomics_log	869492	869533	+	2	14	R.EALNYAINRPALVK.V	18
PLOG+2808	proteomics_log	869720	869764	+	2	8	K.VLQFTQQQLAQVGIK.A	19
PLOG+2809	proteomics_log	869765	869797	+	2	5	K.AQVTAM*DAGQR.A	16
PLOG+2810	proteomics_log	869765	869797	+	2	21	K.AQVTAMDAGQR.A	15
PLOG+2811	proteomics_log	869798	869842	+	2	25	R.AAEVEGKGQKESGVR.M	19
PLOG+2812	proteomics_log	870020	870085	+	2	2	R.LYKAAQDIIWQESPWIPLVVEK.L	26
PLOG+2813	proteomics_log	870029	870085	+	2	8	K.AAQDIIWQESPWIPLVVEK.L	23
PLOG+2814	proteomics_log	870107	870169	+	2	2	K.NLTGFWM*PDTGFSFEDADLQ.-	26
PLOG+2815	proteomics_log	875419	875463	+	1	2	K.LYSM*YNSAFLLDLTK.A	20
PLOG+2816	proteomics_log	880031	880069	+	2	66	A.AEQTVEAPSV DAR.A	17
PLOG+2817	proteomics_log	880070	880102	+	2	8	R.AWILMDYASGK.V	15
PLOG+2818	proteomics_log	880103	880156	+	2	3	K.VLAEGNADEKLDPASLTK.I	22
PLOG+2819	proteomics_log	880430	880504	+	2	47	K.KLGLTNTTFQTVHGLDAPGQFSTAR.D	29
PLOG+2820	proteomics_log	880433	880504	+	2	7	K.LGLTNTTFQTVHGLDAPGQFSTAR.D	28
PLOG+2821	proteomics_log	880526	880591	+	2	2	K.ALIHDVPEEYAIHKEKEFTFNK.I	26
PLOG+2822	proteomics_log	880616	880654	+	2	2	R.LLWSSNLNVDGMK.T	17
PLOG+2823	proteomics_log	880799	880852	+	2	3	R.FFETVTPIKPDATFVTQR.V	22
PLOG+2824	proteomics_log	885900	885935	+	3	3	N.TYQQQLDIAIKR.Y	16
PLOG+2825	proteomics_log	891061	891108	+	1	4	R.TIIKESRPFILDYLHK.Q	20
PLOG+2826	proteomics_log	891349	891381	+	1	2	R.KLPHFDAVIPR.I	15
PLOG+2827	proteomics_log	893097	893174	+	3	8	K.TLHIYNWSDYIAPDTVANFEKETGIK.V	30
PLOG+2828	proteomics_log	893175	893219	+	3	5	K.VVYDVFDSNEVLEGG.L	19
PLOG+2829	proteomics_log	893220	893279	+	3	4	K.LM*AGSTGFDLVPSASFLE.R.Q	25
PLOG+2830	proteomics_log	893220	893279	+	3	73	K.LMAGSTGFDLVPSASFLE.R.Q	24
PLOG+2831	proteomics_log	893280	893336	+	3	4	R.QLTAGVFQPLDKSKLPEWK.N	23
PLOG+2832	proteomics_log	893280	893315	+	3	11	R.QLTAGVFQPLDK.S	16
PLOG+2833	proteomics_log	893361	893390	+	3	2	K.LVAKHDPDNK.F	14
PLOG+2834	proteomics_log	893451	893525	+	3	9	K.AVLGENAPVDSWDLILKPENLEK.L.S	29
PLOG+2835	proteomics_log	893451	893519	+	3	27	K.AVLGENAPVDSWDLILKPENLEK.L	27
PLOG+2836	proteomics_log	893613	893654	+	3	4	K.ADDYTGPATDLLLL.L	18
PLOG+2837	proteomics_log	893784	893816	+	3	5	K.NGVNVSFSIPK.E	15
PLOG+2838	proteomics_log	893817	893867	+	3	20	K.EGAMAFFDVFAMPADAK.N	21
PLOG+2839	proteomics_log	893868	893963	+	3	7	K.NKDEAYQFLNYLLRPDVVAHISDHVFYANANK.A	36
PLOG+2840	proteomics_log	893964	893996	+	3	2	K.AATPLVSAEVR.E	15
PLOG+2841	proteomics_log	893964	894032	+	3	4	K.AATPLVSAEVRNPGIYPPADVR.A	27
PLOG+2842	proteomics_log	893997	894032	+	3	9	R.ENPGIYPPADVR.A	16
PLOG+2843	proteomics_log	894775	894807	+	1	7	R.MQLEVVDILR.V	15
PLOG+2844	proteomics_log	903915	903953	+	3	3	R.DFFAGIRDIVGGR.S	17
PLOG+2845	proteomics_log	903954	903980	+	3	2	R.SGAYEKELR.K	13
PLOG+2846	proteomics_log	903990	904025	+	3	25	R.EIAFEELGSQAR.A	16
PLOG+2847	proteomics_log	916152	916238	+	3	9	R.LM*PVLRLRDARFMRRIRNGTVPNVPNVEV.T	34
PLOG+2848	proteomics_log	918875	918925	+	2	2	K.AVSQQDLDTAATEM*AVK.Q	22

PLOG+2849	proteomics_log	919328	919369	+	2	5	L.DMTAQVHIQLTDVK.N	18
PLOG+2850	proteomics_log	922550	922609	+	2	2	R.HEFMTVEHLLALLSNPSAR.E	24
PLOG+2851	proteomics_log	922991	923029	+	2	10	R.MENFTTNLNQLAR.V	17
PLOG+2852	proteomics_log	923030	923059	+	2	4	R.VGGIDPLIGR.E	14
PLOG+2853	proteomics_log	923504	923578	+	2	8	R.RFQKIDITEPSIEETVQIINGLKP.K.Y	29
PLOG+2854	proteomics_log	923648	923710	+	2	4	K.YINDRHLPDKAIDVIDEAGAR.A	25
PLOG+2855	proteomics_log	923663	923710	+	2	4	R.HLPDKAIDVIDEAGAR.A	20
PLOG+2856	proteomics_log	923738	923782	+	2	7	R.KKTVNVADIESVVAR.I	19
PLOG+2857	proteomics_log	923744	923782	+	2	33	K.TVNVADIESVVAR.I	17
PLOG+2858	proteomics_log	923804	923836	+	2	2	K.SVSQSDRDTLK.N	15
PLOG+2859	proteomics_log	923858	923911	+	2	15	K.MLVFGQDKAIEALTEAIK.M	22
PLOG+2860	proteomics_log	923858	923920	+	2	76	K.MLVFGQDKAIEALTEAIKMAR.A	25
PLOG+2861	proteomics_log	923921	924016	+	2	2	R.AGLGHEHKPVGSFLFAGPTGVGKTEVTVQLSK.A	36
PLOG+2862	proteomics_log	924017	924040	+	2	3	K.ALGIELLR.F	12
PLOG+2863	proteomics_log	924332	924409	+	2	5	K.SIGLIHQDNSTDAMEEIKKIFTPEFR.N	30
PLOG+2864	proteomics_log	924410	924514	+	2	14	R.NRLDNIIWFDHLSTDVIHQVVDKFIVELQVQLDQK.G	39
PLOG+2865	proteomics_log	924416	924514	+	2	3	R.LDNIIWFDHLSTDVIHQVVDKFIVELQVQLDQK.G	37
PLOG+2866	proteomics_log	924515	924547	+	2	5	K.GVSLEVSQEAR.N	15
PLOG+2867	proteomics_log	931869	931901	+	3	13	R.NILNELQKDGR.I	15
PLOG+2868	proteomics_log	931902	931961	+	3	2	R.ISNVELSKRVGLSPTPCLER.V	24
PLOG+2869	proteomics_log	931902	931925	+	3	11	R.ISNVELSK.R	12
PLOG+2870	proteomics_log	931902	931928	+	3	115	R.ISNVELSKR.V	13
PLOG+2871	proteomics_log	931926	931961	+	3	6	K.RVGLSPTPCLER.V	16
PLOG+2872	proteomics_log	931929	931961	+	3	2	R.VGLSPTPCLER.V	15
PLOG+2873	proteomics_log	931980	932069	+	3	246	R.QGFIQGYTALLNPHYLDASLLVFVEITLNR.G	34
PLOG+2874	proteomics_log	932070	932114	+	3	16	R.GAPDVFEQFNTAVQK.L	19
PLOG+2875	proteomics_log	932172	932204	+	3	12	K.TRVPDMSAYRK.L	15
PLOG+2876	proteomics_log	932205	932228	+	3	12	K.LLGETLLR.L	12
PLOG+2877	proteomics_log	932205	932252	+	3	168	K.LLGETLLR.LPGVNDTR.T	20
PLOG+2878	proteomics_log	932253	932279	+	3	3	R.TYVVMEEVK.Q	13
PLOG+2879	proteomics_log	932253	932291	+	3	61	R.TYVVMEEVKQSNR.L	17
PLOG+2880	proteomics_log	934406	934432	+	2	22	R.QFAQTQQQR.Y	13
PLOG+2881	proteomics_log	935522	935608	+	2	2	K.MLELSVYEGIPHLLTEVVTDMKDAANALR.W	33
PLOG+2882	proteomics_log	936658	936684	+	1	3	A.DAASDLKSR.L	13
PLOG+2883	proteomics_log	936658	936726	+	1	5	A.DAASDLKSR.LDKVSSFHASFTQK.V	27
PLOG+2884	proteomics_log	936685	936726	+	1	2	R.LDKVSSFHASFTQK.V	18
PLOG+2885	proteomics_log	936784	936849	+	1	2	K.RPNLFWHMTQPDESILVSDGK.T	26
PLOG+2886	proteomics_log	936850	936903	+	1	23	K.TLWTFYNPFVEQATATWLK.D	22
PLOG+2887	proteomics_log	936850	936942	+	1	58	K.TLWTFYNPFVEQATATWLKDATGNTPFMLIAR.N	35
PLOG+2888	proteomics_log	936904	936942	+	1	3	K.DATGNTPFM*LIAR.N	18
PLOG+2889	proteomics_log	936904	936942	+	1	9	K.DATGNTPFMLIAR.N	17
PLOG+2890	proteomics_log	936943	937011	+	1	11	R.NQSSDWQQYNIKQNGDDFVLTQK.A	27
PLOG+2891	proteomics_log	937012	937056	+	1	4	K.ASNGNLKQFTINVGR.D	19
PLOG+2892	proteomics_log	937057	937104	+	1	2	R.DGTIHQFSAVEQDDQR.S	20
PLOG+2893	proteomics_log	937123	937155	+	1	26	K.SQQNGAVDAAK.F	15
PLOG+2894	proteomics_log	937156	937200	+	1	2	K.FTFTPPQGVTVDDQR.K	19

PLOG+2895	proteomics_log	937274	937345	+	2	2	R.M*RPENLAQYIGQQHLLAAGKPLPR.A	29
PLOG+2896	proteomics_log	938651	938674	+	2	2	S.MLDPNLLR.N	12
PLOG+2897	proteomics_log	938651	938710	+	2	88	S.MLDPNLLRNEPDAVAEKLAR.R	24
PLOG+2898	proteomics_log	938675	938710	+	2	137	R.NEPDAVAEKLAR.R	16
PLOG+2899	proteomics_log	938711	938758	+	2	134	R.RGFKLDVDKLGALEER.R	20
PLOG+2900	proteomics_log	938714	938758	+	2	18	R.GFKLDVDKLGALEER.R	19
PLOG+2901	proteomics_log	938759	938803	+	2	27	R.RKVLQVKTENLQAER.N	19
PLOG+2902	proteomics_log	938762	938803	+	2	4	R.KVLQVKTENLQAER.N	18
PLOG+2903	proteomics_log	938765	938803	+	2	31	K.VLQVKTENLQAER.N	17
PLOG+2904	proteomics_log	938780	938812	+	2	4	K.TENLQAERNR.S	15
PLOG+2905	proteomics_log	938780	938803	+	2	8	K.TENLQAER.N	12
PLOG+2906	proteomics_log	938813	938842	+	2	16	R.SKSIGQAKAR.G	14
PLOG+2907	proteomics_log	938837	938908	+	2	2	K.ARGEDIEPLRLEVNKLGEELDAAK.A	28
PLOG+2908	proteomics_log	938837	938941	+	2	20	K.ARGEDIEPLRLEVNKLGEELDAAKAELDALQAEIR.D	39
PLOG+2909	proteomics_log	938843	938941	+	2	45	R.GEDIEPLRLEVNKLGEELDAAKAELDALQAEIR.D	37
PLOG+2910	proteomics_log	938882	938908	+	2	2	K.LGEELDAAK.A	13
PLOG+2911	proteomics_log	938882	938941	+	2	2	K.LGEELDAAKAELDALQAEIR.D	24
PLOG+2912	proteomics_log	938942	939025	+	2	2	R.DIALTIPNLPADDEVVPGKDENDNVEVSR.W	32
PLOG+2913	proteomics_log	938996	939025	+	2	3	K.DENDNVEVSR.W	14
PLOG+2914	proteomics_log	939062	939118	+	2	2	R.DHVTLGEM*HSGLDFAAAVK.L	24
PLOG+2915	proteomics_log	939134	939163	+	2	85	R.FVVMKGQIAR.M	14
PLOG+2916	proteomics_log	939173	939286	+	2	4	R.ALSQFMLDLHTEQHGYSENYVPYLVNQDTLYGTGQLPK.F	42
PLOG+2917	proteomics_log	939287	939391	+	2	108	K.FAGDLFHTRPLEEEADTSNYALIPTAEVPLTNLVR.G	39
PLOG+2918	proteomics_log	939392	939427	+	2	4	R.GEIIDEDDLPIK.M	16
PLOG+2919	proteomics_log	939500	939592	+	2	2	R.MHQFDKQVEMVQIVRPEDSMAALEEMTGHAEK.V	35
PLOG+2920	proteomics_log	939554	939667	+	2	2	S.M*AALEEMTGHAEKVLQLLGLPYRKIILCTGDM*GFGACK.T	44
PLOG+2921	proteomics_log	939593	939622	+	2	7	K.VLQLLGLPYR.K	14
PLOG+2922	proteomics_log	939593	939625	+	2	18	K.VLQLLGLPYRK.I	15
PLOG+2923	proteomics_log	939668	939712	+	2	8	K.TYDLEVWIPAQNTYR.E	19
PLOG+2924	proteomics_log	939800	939841	+	2	391	R.LVHTLNGSGLAVGR.T	18
PLOG+2925	proteomics_log	939842	939940	+	2	11	R.TLVAVMENYQQADGRIEVEVLRPYMNGLEYIG.-	37
PLOG+2926	proteomics_log	939842	939886	+	2	70	R.TLVAVMENYQQADGR.I	19
PLOG+2927	proteomics_log	939887	939940	+	2	2	R.IEVPEVLRPYM*NGLEYIG.-	23
PLOG+2928	proteomics_log	939887	939940	+	2	54	R.IEVPEVLRPYMNGLEYIG.-	22
PLOG+2929	proteomics_log	940560	940592	+	3	2	R.VGARGEGKFER.I	15
PLOG+2930	proteomics_log	940593	940640	+	3	4	R.ISWEEAYDIIATNMQR.L	20
PLOG+2931	proteomics_log	940691	940768	+	2	3	R.YAGRHHDLLAAGKYPGRAADELLRR.L	30
PLOG+2932	proteomics_log	940920	940961	+	3	4	R.MSGGGVTTYLEQAR.Q	18
PLOG+2933	proteomics_log	942297	942332	+	3	2	R.VHSTYGNVDVLK.A	16
PLOG+2934	proteomics_log	942384	942410	+	3	4	R.GIHNGDKVR.I	13
PLOG+2935	proteomics_log	942462	942518	+	3	2	R.MMPGVVALGEGAWYDPAK.R	23
PLOG+2936	proteomics_log	942582	942623	+	3	2	K.GNPSHTNLVQVEKV.-	18
PLOG+2937	proteomics_log	942640	942675	+	1	16	M.TTQYGGFFIDSSR.C	16
PLOG+2938	proteomics_log	942640	942675	+	1	16	M.TTQYGGFFIDSSR.C	16
PLOG+2939	proteomics_log	943120	943155	+	1	4	K.HGDLAAVAPLPR.A	16
PLOG+2940	proteomics_log	948933	948977	+	3	2	R.HDSLTAHIADAIHQR.A	19



PLOG+2941	proteomics_log	952199	952222	+	2	2	H.QVVDTVQR.N	12
PLOG+2942	proteomics_log	954181	954222	+	1	3	D.RYLPVAGRKTPLRR.S	18
PLOG+2943	proteomics_log	956879	957001	+	2	4	M.AQIFNFSSGPAMPLPAEVLKQAQQELRDWNLGTSVM*EVSHR.G	46
PLOG+2944	proteomics_log	956879	957001	+	2	20	M.AQIFNFSSGPAMPLPAEVLKQAQQELRDWNLGTSVM*EVSHR.G	45
PLOG+2945	proteomics_log	956879	956935	+	2	27	M.AQIFNFSSGPAM*LPAEVLK.Q	24
PLOG+2946	proteomics_log	956879	956956	+	2	89	M.AQIFNFSSGPAMPLPAEVLKQAQQELR.D	30
PLOG+2947	proteomics_log	956879	956935	+	2	309	M.AQIFNFSSGPAMPLPAEVLK.Q	23
PLOG+2948	proteomics_log	956936	957001	+	2	157	K.QAQQELRDWNLGTSVM*EVSHR.G	26
PLOG+2949	proteomics_log	956957	957001	+	2	3	R.DWNLGTSVM*EVSHR.G	19
PLOG+2950	proteomics_log	957002	957106	+	2	2	R.GKEFIQVAEEAEKDFRDLLNVPSNYKVLFCGGGR.G	39
PLOG+2951	proteomics_log	957002	957088	+	2	3	R.GKEFIQVAEEAEKDFRDLLNVPSNYKVLFC	33
PLOG+2952	proteomics_log	957002	957049	+	2	16	R.GKEFIQVAEEAEKDFR.D	20
PLOG+2953	proteomics_log	957002	957109	+	2	42	R.GKEFIQVAEEAEKDFRDLLNVPSNYKVLFCGGGR.G	40
PLOG+2954	proteomics_log	957002	957079	+	2	132	R.GKEFIQVAEEAEKDFRDLLNVPSNYK.V	30
PLOG+2955	proteomics_log	957008	957079	+	2	2	K.EFIQVAEEAEKDFRDLLNVPSNYK.V	28
PLOG+2956	proteomics_log	957107	957211	+	2	2	R.GQFAAVPLNILGDKTTADYVDAGYWAASAIKEAK.Y	39
PLOG+2957	proteomics_log	957107	957148	+	2	4	R.GQFAAVPLNILGDK.T	18
PLOG+2958	proteomics_log	957107	957208	+	2	44	R.GQFAAVPLNILGDKTTADYVDAGYWAASAIKEAK.K	38
PLOG+2959	proteomics_log	957107	957199	+	2	85	R.GQFAAVPLNILGDKTTADYVDAGYWAASAIK.E	35
PLOG+2960	proteomics_log	957440	957469	+	2	44	R.YGVYAGAQAQK.N	14
PLOG+2961	proteomics_log	957470	957526	+	2	28	K.NIGPAGLTIVIVREDLLGK.A	23
PLOG+2962	proteomics_log	957647	957691	+	2	2	K.ANGGVAEMDKINQQK.A	19
PLOG+2963	proteomics_log	957692	957760	+	2	2	K.AELLYGVIDNSDFYRNDVAKANR.S	27
PLOG+2964	proteomics_log	957692	957751	+	2	9	K.AELLYGVIDNSDFYRNDVAK.A	24
PLOG+2965	proteomics_log	957692	957736	+	2	44	K.AELLYGVIDNSDFYR.N	19
PLOG+2966	proteomics_log	957761	957862	+	2	5	R.SRM*NVPFQLADSALDKLFLEESFAAGLHALKGHR.V	39
PLOG+2967	proteomics_log	957761	957853	+	2	6	R.SRM*NVPFQLADSALDKLFLEESFAAGLHALK.G	36
PLOG+2968	proteomics_log	957761	957853	+	2	19	R.SRMNVPFQLADSALDKLFLEESFAAGLHALK.G	35
PLOG+2969	proteomics_log	957761	957862	+	2	19	R.SRMNVPFQLADSALDKLFLEESFAAGLHALKGHR.V	38
PLOG+2970	proteomics_log	957767	957814	+	2	2	R.M*NVPFQLADSALDKLF.L	21
PLOG+2971	proteomics_log	957767	957880	+	2	4	R.MNVPFQLADSALDKLFLEESFAAGLHALKGHRVVGGM*R.A	43
PLOG+2972	proteomics_log	957767	957880	+	2	5	R.M*NVPFQLADSALDKLFLEESFAAGLHALKGHRVVGGM.R.A	43
PLOG+2973	proteomics_log	957767	957880	+	2	4	R.M*NVPFQLADSALDKLFLEESFAAGLHALKGHRVVGGM*R.A	44
PLOG+2974	proteomics_log	957767	957808	+	2	9	R.MNVPFQLADSALDK.L	18
PLOG+2975	proteomics_log	957767	957880	+	2	16	R.MNVPFQLADSALDKLFLEESFAAGLHALKGHRVVGGM.R.A	42
PLOG+2976	proteomics_log	957767	957853	+	2	23	R.M*NVPFQLADSALDKLFLEESFAAGLHALK.G	34
PLOG+2977	proteomics_log	957767	957862	+	2	36	R.M*NVPFQLADSALDKLFLEESFAAGLHALKGHR.V	37
PLOG+2978	proteomics_log	957767	957853	+	2	67	R.MNVPFQLADSALDKLFLEESFAAGLHALK.G	33
PLOG+2979	proteomics_log	957767	957862	+	2	206	R.MNVPFQLADSALDKLFLEESFAAGLHALKGHR.V	36
PLOG+2980	proteomics_log	957794	957862	+	2	9	D.SALDKLFLEESFAAGLHALKGHR.V	27
PLOG+2981	proteomics_log	957863	957952	+	2	4	R.VGGMRASIYNAMPLEGVKALDFMVEFER.R	34
PLOG+2982	proteomics_log	957881	957952	+	2	6	R.ASIYNAM*PLEGVKALDFMVEFER.R	29
PLOG+2983	proteomics_log	957881	957910	+	2	9	R.ASIYNAM*PLE.G	15
PLOG+2984	proteomics_log	957881	957961	+	2	13	R.ASIYNAMPLEGVKALDFMVEFERRHG.-	31
PLOG+2985	proteomics_log	957881	957919	+	2	13	R.ASIYNAM*PLEGVK.A	18
PLOG+2986	proteomics_log	957881	957955	+	2	46	R.ASIYNAMPLEGVKALDFMVEFERR.H	29

PLOG+2987	proteomics_log	957881	957952	+	2	126	R.ASIYNAMPLEGVKALDFMVEFER.R	28
PLOG+2988	proteomics_log	957881	957919	+	2	204	R.ASIYNAMPLEGVK.A	17
PLOG+2989	proteomics_log	957902	957952	+	2	2	M.PLEGVKALDFMVEFER.R	21
PLOG+2990	proteomics_log	957920	957952	+	2	3	K.ALDFM*VEFER.R	16
PLOG+2991	proteomics_log	957920	957955	+	2	13	K.ALDFMVEFERR.H	16
PLOG+2992	proteomics_log	957920	957952	+	2	184	K.ALDFMVEFER.R	15
PLOG+2993	proteomics_log	958035	958067	+	3	2	F.M*ESLTLQPIAR.V	16
PLOG+2994	proteomics_log	958035	958067	+	3	44	F.MESLTLQPIAR.V	15
PLOG+2995	proteomics_log	958068	958100	+	3	6	R.VDGTINLPGSK.S	15
PLOG+2996	proteomics_log	958116	958187	+	3	2	R.ALLLAALAHGKTVLTLNLLDSDDDR.H	28
PLOG+2997	proteomics_log	958116	958148	+	3	6	R.ALLLAALAHGK.T	15
PLOG+2998	proteomics_log	958149	958244	+	3	21	K.TVLTLNLLDSDDDRHLNALTALGVSYTSLADR.T	36
PLOG+2999	proteomics_log	958395	958436	+	3	8	R.MKERPIGHLVDALR.L	18
PLOG+3000	proteomics_log	958929	959012	+	3	59	R.GELNAIDMDMNHIPDAAMTIATAALFAK.G	32
PLOG+3001	proteomics_log	959049	959096	+	3	2	R.VKETDRLFAM*ATELRK.V	21
PLOG+3002	proteomics_log	959049	959093	+	3	8	R.VKETDRLFAMATELR.K	19
PLOG+3003	proteomics_log	959049	959096	+	3	33	R.VKETDRLFAMATELRK.V	20
PLOG+3004	proteomics_log	959094	959135	+	3	12	R.KVGAEVEEGHDYIR.I	18
PLOG+3005	proteomics_log	959097	959135	+	3	14	K.VGAEVEEGHDYIR.I	17
PLOG+3006	proteomics_log	959136	959192	+	3	2	R.ITPPEKLNFAEIATYNDHR.M	23
PLOG+3007	proteomics_log	959268	959300	+	3	6	K.TFPDYFEQLAR.I	15
PLOG+3008	proteomics_log	960000	960047	+	3	2	L.SRSQLGDIAGAINAK.Y	20
PLOG+3009	proteomics_log	960427	960477	+	1	2	M.TAIAPVITIDGPGAGK.G	21
PLOG+3010	proteomics_log	960493	960546	+	1	15	K.AMAEALQWHLLDGAIYR.V	22
PLOG+3011	proteomics_log	960547	960633	+	1	94	R.VLALAALHHHVDVASEDALVPLASHLDVR.F	33
PLOG+3012	proteomics_log	960778	960816	+	1	12	R.AFRELPLIADGR.D	17
PLOG+3013	proteomics_log	960817	960855	+	1	2	R.DMGTVVFPDAPVK.I	17
PLOG+3014	proteomics_log	960817	960885	+	1	2	R.DMGTVVFPDAPVKIFLDASSEER.A	27
PLOG+3015	proteomics_log	960817	960855	+	1	2	R.DM*GTVVFPDAPVK.I	18
PLOG+3016	proteomics_log	960988	961086	+	1	3	R.AVAPLVPAADALVLDSTTLSIEQVIEKALQYAR.Q	37
PLOG+3017	proteomics_log	960988	961068	+	1	64	R.AVAPLVPAADALVLDSTTLSIEQVIEK.A	31
PLOG+3018	proteomics_log	961218	961259	+	3	3	N.M*TESFAQLFEESLK.E	19
PLOG+3019	proteomics_log	961218	961259	+	3	46	N.MTESFAQLFEESLK.E	18
PLOG+3020	proteomics_log	961218	961292	+	3	231	N.M*TESFAQLFEESLKEIETRPGSIVR.G	30
PLOG+3021	proteomics_log	961218	961292	+	3	282	N.MTESFAQLFEESLKEIETRPGSIVR.G	29
PLOG+3022	proteomics_log	961221	961259	+	3	4	M.TESFAQLFEESLK.E	17
PLOG+3023	proteomics_log	961221	961292	+	3	246	M.TESFAQLFEESLKEIETRPGSIVR.G	28
PLOG+3024	proteomics_log	961233	961292	+	3	2	F.AQLFEESLKEIETRPGSIVR.G	24
PLOG+3025	proteomics_log	961239	961292	+	3	8	Q.LFEESLKEIETRPGSIVR.G	22
PLOG+3026	proteomics_log	961293	961346	+	3	96	R.GVVVAIDKDVVLVDAGLK.S	22
PLOG+3027	proteomics_log	961293	961379	+	3	272	R.GVVVAIDKDVVLVDAGLKSESAIPAEQFK.N	33
PLOG+3028	proteomics_log	961323	961379	+	3	24	V.VLVDAGLKSESAIPAEQFK.N	23
PLOG+3029	proteomics_log	961347	961475	+	3	2	K.SESAIPAEQFKNAQGELEIQVGDEVDVALDAVEDGFGETLLSR.E	47
PLOG+3030	proteomics_log	961380	961481	+	3	30	K.NAQGELEIQVGDEVDVALDAVEDGFGETLLSREK.A	38
PLOG+3031	proteomics_log	961380	961475	+	3	558	K.NAQGELEIQVGDEVDVALDAVEDGFGETLLSR.E	36
PLOG+3032	proteomics_log	961476	961562	+	3	8	R.EKAKRHEAWITLKEKAYEDAETVTGVINGK.V	33

PLOG+3033	proteomics_log	961482	961568	+	3	23	K.AKRHEAWITLEKAYEDAETVTGVINGKVK.G	33
PLOG+3034	proteomics_log	961482	961562	+	3	59	K.AKRHEAWITLEKAYEDAETVTGVINGK.V	31
PLOG+3035	proteomics_log	961482	961517	+	3	100	K.AKRHEAWITLEK.A	16
PLOG+3036	proteomics_log	961488	961568	+	3	25	K.RHEAWITLEKAYEDAETVTGVINGKVK.G	31
PLOG+3037	proteomics_log	961488	961562	+	3	109	K.RHEAWITLEKAYEDAETVTGVINGK.V	29
PLOG+3038	proteomics_log	961488	961517	+	3	133	K.RHEAWITLEK.A	14
PLOG+3039	proteomics_log	961491	961568	+	3	56	R.HEAWITLEKAYEDAETVTGVINGKVK.G	30
PLOG+3040	proteomics_log	961491	961562	+	3	89	R.HEAWITLEKAYEDAETVTGVINGK.V	28
PLOG+3041	proteomics_log	961491	961517	+	3	111	R.HEAWITLEK.A	13
PLOG+3042	proteomics_log	961518	961601	+	3	5	K.AYEDAETVTGVINGKVKGGFTVELNGIR.A	32
PLOG+3043	proteomics_log	961518	961568	+	3	126	K.AYEDAETVTGVINGKVK.G	21
PLOG+3044	proteomics_log	961518	961562	+	3	347	K.AYEDAETVTGVINGK.V	19
PLOG+3045	proteomics_log	961563	961601	+	3	207	K.VKGGFTVELNGIR.A	17
PLOG+3046	proteomics_log	961569	961601	+	3	253	K.GGFTVELNGIR.A	15
PLOG+3047	proteomics_log	961602	961703	+	3	5	R.AFLPGSLVDVRPVRDTLHLEGKELEFKVIKLDQK.R	38
PLOG+3048	proteomics_log	961602	961706	+	3	13	R.AFLPGSLVDVRPVRDTLHLEGKELEFKVIKLDQKR.N	39
PLOG+3049	proteomics_log	961602	961643	+	3	19	R.AFLPGSLVDVRPVR.D	18
PLOG+3050	proteomics_log	961602	961691	+	3	33	R.AFLPGSLVDVRPVRDTLHLEGKELEFKVIK.L	34
PLOG+3051	proteomics_log	961602	961682	+	3	183	R.AFLPGSLVDVRPVRDTLHLEGKELEFK.V	31
PLOG+3052	proteomics_log	961644	961706	+	3	8	R.DTLHLEGKELEFKVIKLDQKR.N	25
PLOG+3053	proteomics_log	961644	961682	+	3	33	R.DTLHLEGKELEFK.V	17
PLOG+3054	proteomics_log	961668	961706	+	3	16	K.ELEFKVIKLDQKR.N	17
PLOG+3055	proteomics_log	961683	961706	+	3	50	K.VIKLDQKR.N	12
PLOG+3056	proteomics_log	961692	961727	+	3	47	K.LDQKRNNVVVSR.R	16
PLOG+3057	proteomics_log	961704	961727	+	3	71	K.RNNVVVSR.R	12
PLOG+3058	proteomics_log	961707	961727	+	3	16	R.NNVVVSR.R	11
PLOG+3059	proteomics_log	961728	961847	+	3	4	R.RAVIESENSAERDQLENLQEGMEVKGIVKNLTDYGAFVD.L	44
PLOG+3060	proteomics_log	961728	961817	+	3	8	R.RAVIESENSAERDQLENLQEGM*EVKGIVK.N	35
PLOG+3061	proteomics_log	961728	961805	+	3	17	R.RAVIESENSAERDQLENLQEGM*EVK.G	31
PLOG+3062	proteomics_log	961728	961763	+	3	57	R.RAVIESENSAER.D	16
PLOG+3063	proteomics_log	961728	961817	+	3	95	R.RAVIESENSAERDQLENLQEGMEVKGIVK.N	34
PLOG+3064	proteomics_log	961728	961805	+	3	205	R.RAVIESENSAERDQLENLQEGMEVK.G	30
PLOG+3065	proteomics_log	961731	961763	+	3	3	R.AVIESENSAER.D	15
PLOG+3066	proteomics_log	961731	961805	+	3	8	R.AVIESENSAERDQLENLQEGM*EVK.G	30
PLOG+3067	proteomics_log	961731	961817	+	3	68	R.AVIESENSAERDQLENLQEGMEVKGIVK.N	33
PLOG+3068	proteomics_log	961731	961805	+	3	114	R.AVIESENSAERDQLENLQEGMEVK.G	29
PLOG+3069	proteomics_log	961764	961805	+	3	11	R.DQLENLQEGM*EVK.G	19
PLOG+3070	proteomics_log	961764	961805	+	3	14	R.DQLENLQEGMEVK.G	18
PLOG+3071	proteomics_log	961770	961898	+	3	12	Q.LLENLQEGMEVKGIVKNLTDYGAFVDLGGVDGLLHITDMAWK.R.V	47
PLOG+3072	proteomics_log	961806	961898	+	3	8	K.GIVKNLTDYGAFVDLGGVDGLLHITDM*AWKR.V	36
PLOG+3073	proteomics_log	961806	961895	+	3	166	K.GIVKNLTDYGAFVDLGGVDGLLHITDMAWK.R	34
PLOG+3074	proteomics_log	961806	961898	+	3	279	K.GIVKNLTDYGAFVDLGGVDGLLHITDMAWK.V	35
PLOG+3075	proteomics_log	961818	961895	+	3	17	K.NLTDYGAFVDLGGVDGLLHITDM*AWK.R	31
PLOG+3076	proteomics_log	961818	961898	+	3	46	K.NLTDYGAFVDLGGVDGLLHITDM*AWKR.V	32
PLOG+3077	proteomics_log	961818	961895	+	3	158	K.NLTDYGAFVDLGGVDGLLHITDMAWK.R	30
PLOG+3078	proteomics_log	961818	961898	+	3	344	K.NLTDYGAFVDLGGVDGLLHITDMAWK.R.V	31

PLOG+3079	proteomics_log	961896	961958	+	3	3	K.RVKHPSEIVNVGDEITVKVLK.F	25
PLOG+3080	proteomics_log	961896	961949	+	3	135	K.RVKHPSEIVNVGDEITVK.V	22
PLOG+3081	proteomics_log	961899	961958	+	3	33	R.VKHPSEIVNVGDEITVKVLK.F	24
PLOG+3082	proteomics_log	961899	961973	+	3	47	R.VKHPSEIVNVGDEITVKVLFDRER.T	29
PLOG+3083	proteomics_log	961899	961949	+	3	449	R.VKHPSEIVNVGDEITVK.V	21
PLOG+3084	proteomics_log	961905	961949	+	3	6	K.HPSEIVNVGDEITVK.V	19
PLOG+3085	proteomics_log	961974	962054	+	3	2	R.TRVSLGLKQLGEDPWVAIAKRYPEGTK.L	31
PLOG+3086	proteomics_log	961974	962033	+	3	78	R.TRVSLGLKQLGEDPWVAIAK.R	24
PLOG+3087	proteomics_log	961980	962054	+	3	2	R.VSLGLKQLGEDPWVAIAKRYPEGTK.L	29
PLOG+3088	proteomics_log	961980	962066	+	3	4	R.VSLGLKQLGEDPWVAIAKRYPEGTKLTGR.V	33
PLOG+3089	proteomics_log	961980	962033	+	3	66	R.VSLGLKQLGEDPWVAIAK.R	22
PLOG+3090	proteomics_log	961995	962033	+	3	35	L.KQLGEDPWVAIAK.R	17
PLOG+3091	proteomics_log	961998	962033	+	3	54	K.QLGEDPWVAIAK.R	16
PLOG+3092	proteomics_log	962034	962066	+	3	7	K.RYPEGKLTGR.V	15
PLOG+3093	proteomics_log	962160	962237	+	3	6	K.NIHPSKVVNVGDVVEVMVLDIDEERR.R	30
PLOG+3094	proteomics_log	962160	962240	+	3	15	K.NIHPSKVVNVGDVVEVMVLDIDEERRR.I	31
PLOG+3095	proteomics_log	962160	962234	+	3	20	K.NIHPSKVVNVGDVVEVMVLDIDEER.R	29
PLOG+3096	proteomics_log	962178	962234	+	3	2	K.VVNVGDVVEVM*VLDIDEER.R	24
PLOG+3097	proteomics_log	962178	962234	+	3	49	K.VVNVGDVVEVMVLDIDEER.R	23
PLOG+3098	proteomics_log	962178	962240	+	3	54	K.VVNVGDVVEVMVLDIDEERRR.I	25
PLOG+3099	proteomics_log	962241	962267	+	3	2	R.ISLGLKQCK.A	13
PLOG+3100	proteomics_log	962268	962327	+	3	3	K.ANPWQQFAETHNKGDRVEGK.I	24
PLOG+3101	proteomics_log	962334	962447	+	3	9	K.SITDFGIFIGLDGGIDGLVHLSDISWNVAGEEAVREYK.K	42
PLOG+3102	proteomics_log	962334	962438	+	3	132	K.SITDFGIFIGLDGGIDGLVHLSDISWNVAGEEAVR.E	39
PLOG+3103	proteomics_log	962439	962501	+	3	2	R.EYKKGDEIAAVVLQVDAERER.I	25
PLOG+3104	proteomics_log	962448	962495	+	3	17	K.KGDEIAAVVLQVDAER.E	20
PLOG+3105	proteomics_log	962448	962501	+	3	167	K.KGDEIAAVVLQVDAERER.I	22
PLOG+3106	proteomics_log	962502	962609	+	3	12	R.ISLGVKQLAEDPFNNWVALNKKGAIVTGKVTAVDAK.G	40
PLOG+3107	proteomics_log	962502	962567	+	3	29	R.ISLGVKQLAEDPFNNWVALNKK.G	26
PLOG+3108	proteomics_log	962502	962564	+	3	45	R.ISLGVKQLAEDPFNNWVALNK.K	25
PLOG+3109	proteomics_log	962502	962588	+	3	138	R.ISLGVKQLAEDPFNNWVALNKKGAIVTGK.V	33
PLOG+3110	proteomics_log	962520	962588	+	3	9	K.QLAEDPFNNWVALNKKGAIVTGK.V	27
PLOG+3111	proteomics_log	962520	962609	+	3	58	K.QLAEDPFNNWVALNKKGAIVTGKVTAVDAK.G	34
PLOG+3112	proteomics_log	962520	962567	+	3	68	K.QLAEDPFNNWVALNKK.G	20
PLOG+3113	proteomics_log	962520	962564	+	3	198	K.QLAEDPFNNWVALNK.K	19
PLOG+3114	proteomics_log	962532	962588	+	3	34	E.DPFNNWVALNKKGAIVTGK.V	23
PLOG+3115	proteomics_log	962565	962654	+	3	9	K.KGAIVTGKVTAVDAKGATVELADGVEGYLR.A	34
PLOG+3116	proteomics_log	962565	962588	+	3	16	K.KGAIVTGK.V	12
PLOG+3117	proteomics_log	962565	962609	+	3	71	K.KGAIVTGKVTAVDAK.G	19
PLOG+3118	proteomics_log	962568	962588	+	3	2	K.GAIVTGK.V	11
PLOG+3119	proteomics_log	962568	962609	+	3	119	K.GAIVTGKVTAVDAK.G	18
PLOG+3120	proteomics_log	962568	962654	+	3	119	K.GAIVTGKVTAVDAKGATVELADGVEGYLR.A	33
PLOG+3121	proteomics_log	962589	962672	+	3	7	K.VTAVDAKGATVELADGVEGYLRASEASR.D	32
PLOG+3122	proteomics_log	962589	962654	+	3	52	K.VTAVDAKGATVELADGVEGYLR.A	26
PLOG+3123	proteomics_log	962589	962609	+	3	121	K.VTAVDAK.G	11
PLOG+3124	proteomics_log	962610	962672	+	3	16	K.GATVELADGVEGYLRASEASR.D	25

PLOG+3125	proteomics_log	962610	962654	+	3	549	K.GATVELADGVEGYLR.A	19
PLOG+3126	proteomics_log	962655	962747	+	3	2	R.ASEASRDRVEDATLVLSVGDEVEAKFTGVDR.K	35
PLOG+3127	proteomics_log	962655	962756	+	3	27	R.ASEASRDRVEDATLVLSVGDEVEAKFTGVDRKNR.A	38
PLOG+3128	proteomics_log	962655	962750	+	3	136	R.ASEASRDRVEDATLVLSVGDEVEAKFTGVDRK.N	36
PLOG+3129	proteomics_log	962655	962729	+	3	249	R.ASEASRDRVEDATLVLSVGDEVEAK.F	29
PLOG+3130	proteomics_log	962673	962747	+	3	6	R.DRVEDATLVLSVGDEVEAKFTGVDR.K	29
PLOG+3131	proteomics_log	962673	962756	+	3	15	R.DRVEDATLVLSVGDEVEAKFTGVDRKNR.A	32
PLOG+3132	proteomics_log	962673	962729	+	3	51	R.DRVEDATLVLSVGDEVEAK.F	23
PLOG+3133	proteomics_log	962673	962750	+	3	157	R.DRVEDATLVLSVGDEVEAKFTGVDRK.N	30
PLOG+3134	proteomics_log	962679	962750	+	3	3	R.VEDATLVLSVGDEVEAKFTGVDRK.N	28
PLOG+3135	proteomics_log	962679	962729	+	3	9	R.VEDATLVLSVGDEVEAK.F	21
PLOG+3136	proteomics_log	962730	962747	+	3	2	K.FTGVDR.K	10
PLOG+3137	proteomics_log	962730	962756	+	3	4	K.FTGVDRKNR.A	13
PLOG+3138	proteomics_log	962751	962777	+	3	54	K.NRAISLSVR.A	13
PLOG+3139	proteomics_log	962778	962882	+	3	4	R.AKDEADEKDAIATVKNQEDANFSNNAM*AEAFKAAK.G	40
PLOG+3140	proteomics_log	962778	962858	+	3	5	R.AKDEADEKDAIATVKNQEDANFSNNAM*.A	32
PLOG+3141	proteomics_log	962778	962873	+	3	5	R.AKDEADEKDAIATVKNQEDANFSNNAM*AEAFK.A	37
PLOG+3142	proteomics_log	962778	962825	+	3	11	R.AKDEADEKDAIATVKNK.Q	20
PLOG+3143	proteomics_log	962778	962888	+	3	12	R.AKDEADEKDAIATVKNQEDANFSNNAM*AEAFKAAKGE.-	42
PLOG+3144	proteomics_log	962778	962882	+	3	13	R.AKDEADEKDAIATVKNQEDANFSNNAMAEAFKAAK.G	39
PLOG+3145	proteomics_log	962778	962888	+	3	137	R.AKDEADEKDAIATVKNQEDANFSNNAMAEAFKAAKGE.-	41
PLOG+3146	proteomics_log	962778	962873	+	3	188	R.AKDEADEKDAIATVKNQEDANFSNNAMAEAFK.A	36
PLOG+3147	proteomics_log	962826	962873	+	3	3	K.QEDANFSNNAMAEAFK.A	20
PLOG+3148	proteomics_log	963051	963077	+	3	19	I.M*TKSELIER.L	14
PLOG+3149	proteomics_log	963051	963077	+	3	118	I.MTKSELIER.L	13
PLOG+3150	proteomics_log	963060	963077	+	3	2	K.SELIER.L	10
PLOG+3151	proteomics_log	963078	963188	+	3	3	R.LATQQSHIPAKTVEDAVKEM*LEHM*ASTLAQGERIEIR.G	43
PLOG+3152	proteomics_log	963078	963188	+	3	4	R.LATQQSHIPAKTVEDAVKEMLEHM*ASTLAQGERIEIR.G	42
PLOG+3153	proteomics_log	963078	963188	+	3	8	R.LATQQSHIPAKTVEDAVKEM*LEHMASTLAQGERIEIR.G	42
PLOG+3154	proteomics_log	963078	963131	+	3	8	R.LATQQSHIPAKTVEDAVK.E	22
PLOG+3155	proteomics_log	963078	963176	+	3	9	R.LATQQSHIPAKTVEDAVKEMLEHM*ASTLAQGER.I	38
PLOG+3156	proteomics_log	963078	963176	+	3	9	R.LATQQSHIPAKTVEDAVKEM*LEHM*ASTLAQGER.I	39
PLOG+3157	proteomics_log	963078	963176	+	3	17	R.LATQQSHIPAKTVEDAVKEM*LEHMASTLAQGER.I	38
PLOG+3158	proteomics_log	963078	963110	+	3	64	R.LATQQSHIPAK.T	15
PLOG+3159	proteomics_log	963078	963188	+	3	81	R.LATQQSHIPAKTVEDAVKEMLEHMASTLAQGERIEIR.G	41
PLOG+3160	proteomics_log	963078	963176	+	3	291	R.LATQQSHIPAKTVEDAVKEMLEHMASTLAQGER.I	37
PLOG+3161	proteomics_log	963111	963176	+	3	2	K.TVEDAVKEMLEHM*ASTLAQGER.I	27
PLOG+3162	proteomics_log	963111	963188	+	3	2	K.TVEDAVKEM*LEHMASTLAQGERIEIR.G	31
PLOG+3163	proteomics_log	963111	963176	+	3	3	K.TVEDAVKEM*LEHMASTLAQGER.I	27
PLOG+3164	proteomics_log	963111	963188	+	3	41	K.TVEDAVKEMLEHMASTLAQGERIEIR.G	30
PLOG+3165	proteomics_log	963111	963176	+	3	205	K.TVEDAVKEMLEHMASTLAQGER.I	26
PLOG+3166	proteomics_log	963132	963176	+	3	4	K.EMLEHMASTLAQGER.I	19
PLOG+3167	proteomics_log	963189	963227	+	3	3	R.GFGSFLHYRAPR.T	17
PLOG+3168	proteomics_log	963189	963218	+	3	125	R.GFGSFLHYR.A	14
PLOG+3169	proteomics_log	963195	963218	+	3	2	F.GSFLHYR.A	12
PLOG+3170	proteomics_log	963228	963275	+	3	84	R.TGRNPKTGDKVELEGK.Y	20

PLOG+3171	proteomics_log	963246	963275	+	3	24	K.TGDKVELEGK.Y	14
PLOG+3172	proteomics_log	965169	965231	+	3	6	W.LHWHNLEPEGVILSHEHLDR.G	25
PLOG+3173	proteomics_log	966924	966974	+	3	2	R.NINLKIPAGKTVALVGR.S	21
PLOG+3174	proteomics_log	966975	967016	+	3	6	R.SGSGKSTIASLITR.F	18
PLOG+3175	proteomics_log	966990	967016	+	3	2	K.STIASLITR.F	13
PLOG+3176	proteomics_log	967092	967166	+	3	13	R.NQVALVSQNVHLFNDTVANNIAYAR.T	29
PLOG+3177	proteomics_log	967323	967427	+	3	4	R.ALLRDSPILILDEATSALDTESERAIQAALDELQK.N	39
PLOG+3178	proteomics_log	967323	967394	+	3	12	R.ALLRDSPILILDEATSALDTESER.A	28
PLOG+3179	proteomics_log	967323	967433	+	3	15	R.ALLRDSPILILDEATSALDTESERAIQAALDELQKNR.T	41
PLOG+3180	proteomics_log	967335	967427	+	3	3	R.DSPILILDEATSALDTESERAIQAALDELQK.N	35
PLOG+3181	proteomics_log	967335	967433	+	3	5	R.DSPILILDEATSALDTESERAIQAALDELQKNR.T	37
PLOG+3182	proteomics_log	967335	967394	+	3	23	R.DSPILILDEATSALDTESER.A	24
PLOG+3183	proteomics_log	967521	967550	+	3	5	R.GTHNDLLEHR.G	14
PLOG+3184	proteomics_log	967880	967936	+	2	2	L.SADTTTAQAGDEPVLIIYQR.T	23
PLOG+3185	proteomics_log	969986	970048	+	2	27	K.LDNLAFPLRDGIPVLLTEAR.V	25
PLOG+3186	proteomics_log	970049	970075	+	2	8	R.VLTADESKS.-	13
PLOG+3187	proteomics_log	970078	970104	+	1	57	M.SFVVIIPAR.Y	13
PLOG+3188	proteomics_log	970105	970182	+	1	10	R.YASTRLPGKPLVDINGKPM*IVHVLER.A	31
PLOG+3189	proteomics_log	970105	970182	+	1	24	R.YASTRLPGKPLVDINGKPMIVHVLER.A	30
PLOG+3190	proteomics_log	970207	970242	+	1	140	R.IIVATDHEDVAR.A	16
PLOG+3191	proteomics_log	970546	970614	+	1	10	R.ATIPWDRDRFAEGLETVGDNFLR.H	27
PLOG+3192	proteomics_log	970573	970614	+	1	10	R.FAEGLETVGDNFLR.H	18
PLOG+3193	proteomics_log	970615	970638	+	1	2	R.HLGIYGYR.A	12
PLOG+3194	proteomics_log	970735	970800	+	1	6	K.IHVAVAQEVPGTGVDTPEDLER.V	26
PLOG+3195	proteomics_log	971581	971604	+	1	2	L.RSMLKDSR.S	12
PLOG+3196	proteomics_log	975100	975135	+	1	4	R.SVLSELDMMVGK.I	16
PLOG+3197	proteomics_log	975169	975249	+	1	2	R.LANEGIFTQQELYDELLTLADEAKLLK.L	31
PLOG+3198	proteomics_log	975169	975240	+	1	16	R.LANEGIFTQQELYDELLTLADEAK.L	28
PLOG+3199	proteomics_log	975265	975294	+	1	3	R.STGSDVDVRQK.L	14
PLOG+3200	proteomics_log	975573	975611	+	3	4	R.SLTLINWNGFFAR.T	17
PLOG+3201	proteomics_log	975669	975731	+	3	22	K.STTMAAFVTALIPDLTLLHFR.N	25
PLOG+3202	proteomics_log	975732	975767	+	3	16	R.NTTEAGATSGSR.D	16
PLOG+3203	proteomics_log	976299	976376	+	3	4	R.VTQSDRDLFKHLISEATNYVAADYMR.H	30
PLOG+3204	proteomics_log	976785	976823	+	3	14	R.AIQYNQAI AALNR.A	17
PLOG+3205	proteomics_log	977076	977105	+	3	4	R.HLAEVQVPLR.M	14
PLOG+3206	proteomics_log	977133	977159	+	3	5	R.LREQQEAER.L	13
PLOG+3207	proteomics_log	977289	977327	+	3	4	R.MALRQEQEQLQSR.I	17
PLOG+3208	proteomics_log	977589	977675	+	3	7	R.FGGVLLSEIYDDVSLEDAPYFSALYGPSR.H	33
PLOG+3209	proteomics_log	977853	977888	+	3	2	R.YSRFPEVPLFGR.A	16
PLOG+3210	proteomics_log	978009	978080	+	3	3	R.FIGSHLAVAFESDPEAEIRQLNSR.R	28
PLOG+3211	proteomics_log	978099	978137	+	3	44	R.ALSNHENDNQQR.I	17
PLOG+3212	proteomics_log	978138	978182	+	3	2	R.IQFEQAKEGVTALNR.I	19
PLOG+3213	proteomics_log	978252	978278	+	3	16	R.LDEAQEAAR.F	13
PLOG+3214	proteomics_log	978279	978311	+	3	3	R.FVQQFGNQLAK.L	15
PLOG+3215	proteomics_log	978561	978623	+	3	2	R.EALRGHAAQLSQYNQVLASLK.S	25
PLOG+3216	proteomics_log	979944	980006	+	3	4	R.GFAPQLPETLPGTDEAPSQAS.-	25

PLOG+3217	proteomics_log	983479	983517	+	1	2	R.LHNPFLQDEMPVW.-	17
PLOG+3218	proteomics_log	989887	989976	+	1	2	R.APDYQITDIDLTFDLDAQKTVVTVAVSQAVR.H	34
PLOG+3219	proteomics_log	989944	989976	+	1	5	K.TVVTVAVSQAVR.H	15
PLOG+3220	proteomics_log	990277	990327	+	1	5	K.IIADKIKYPFLLSNGNR.V	21
PLOG+3221	proteomics_log	990328	990357	+	1	2	R.VAQGELENGR.H	14
PLOG+3222	proteomics_log	990823	990855	+	1	2	R.DQEFSSDLGSR.A	15
PLOG+3223	proteomics_log	991480	991512	+	1	6	K.WSDQQLTFLMR.H	15
PLOG+3224	proteomics_log	991537	991575	+	1	6	R.WDAAQSLLATYIK.L	17
PLOG+3225	proteomics_log	991591	991644	+	1	3	R.HQQGQPLSLPVHVADAFR.A	22
PLOG+3226	proteomics_log	991645	991767	+	1	55	R.AVLLDEKIDPALAAEILTPSVNEMAELFDIIDPIAIAEVR.E	45
PLOG+3227	proteomics_log	991666	991767	+	1	14	K.IDPALAAEILTPSVNEMAELFDIIDPIAIAEVR.E	38
PLOG+3228	proteomics_log	991696	991767	+	1	7	L.TLPSVNEMAELFDIIDPIAIAEVR.E	28
PLOG+3229	proteomics_log	991702	991767	+	1	23	L.PSVNEMAELFDIIDPIAIAEVR.E	26
PLOG+3230	proteomics_log	991783	991878	+	1	8	R.TLATELADELLAIYNANYQSEYRVEHEDIKR.T	36
PLOG+3231	proteomics_log	991783	991875	+	1	18	R.TLATELADELLAIYNANYQSEYRVEHEDIKR.R	35
PLOG+3232	proteomics_log	991783	991851	+	1	19	R.TLATELADELLAIYNANYQSEYR.V	27
PLOG+3233	proteomics_log	991903	991950	+	1	8	R.FLAFGETHLADVLVSK.Q	20
PLOG+3234	proteomics_log	992194	992319	+	1	12	R.SLIGAFAGSNPAAFHAEDGSGYLFLVEMLTDLNSRNPQVASR.L	46
PLOG+3235	proteomics_log	992194	992298	+	1	27	R.SLIGAFAGSNPAAFHAEDGSGYLFLVEMLTDLNSR.N	39
PLOG+3236	proteomics_log	992374	992445	+	1	3	K.M*RAALEQLKGLLENLSGDLYEKITK.A	29
PLOG+3237	proteomics_log	992374	992445	+	1	5	K.MRAALEQLKGLLENLSGDLYEKITK.A	28
PLOG+3238	proteomics_log	992380	992445	+	1	82	R.AALEQLKGLLENLSGDLYEKITK.A	26
PLOG+3239	proteomics_log	992380	992436	+	1	4	R.AALEQLKGLLENLSGDLYEK.I	23
PLOG+3240	proteomics_log	992380	992454	+	1	18	R.AALEQLKGLLENLSGDLYEKITKALA.-	29
PLOG+3241	proteomics_log	1004012	1004074	+	2	2	R.KALFQLDPERAHEFTFQQLRR.I	25
PLOG+3242	proteomics_log	1004012	1004071	+	2	5	R.KALFQLDPERAHEFTFQQLR.R	24
PLOG+3243	proteomics_log	1004015	1004071	+	2	2	K.ALFLDPERAHEFTFQQLR.R	23
PLOG+3244	proteomics_log	1004072	1004107	+	2	15	R.RITGTPFEALVR.Q	16
PLOG+3245	proteomics_log	1004075	1004107	+	2	2	R.ITGTPFEALVR.Q	15
PLOG+3246	proteomics_log	1004288	1004326	+	2	2	R.LFRLVDAEGLINR.M	17
PLOG+3247	proteomics_log	1004297	1004326	+	2	51	R.LVDAEGLINR.M	14
PLOG+3248	proteomics_log	1004642	1004698	+	2	93	K.IAPDLSEEELIQVADSLVR.H	23
PLOG+3249	proteomics_log	1004699	1004743	+	2	14	R.HNIDGVIATNTTLDR.S	19
PLOG+3250	proteomics_log	1004834	1004905	+	2	2	R.LSLELNRLPIIGVGGIDSVIAAR.E	28
PLOG+3251	proteomics_log	1004906	1004998	+	2	11	R.EKIAAGASLVQIYSGFIFKGPPLIKEIVTHI.-	35
PLOG+3252	proteomics_log	1004912	1004998	+	2	26	K.IAAGASLVQIYSGFIFKGPPLIKEIVTHI.-	33
PLOG+3253	proteomics_log	1007895	1007966	+	3	7	R.LAGIGELITFEVKDVAQLTNPLPK.G	28
PLOG+3254	proteomics_log	1009715	1009825	+	2	3	R.VLLLDEPTNHLDIETIDWLEGFLKTFNGTIIFISHDR.S	41
PLOG+3255	proteomics_log	1009715	1009786	+	2	7	R.VLLLDEPTNHLDIETIDWLEGFLK.T	28
PLOG+3256	proteomics_log	1013871	1013942	+	3	9	K.ILASQSM*QQLPTDM*QSTLRELNRS.M	30
PLOG+3257	proteomics_log	1014971	1015009	+	2	2	R.AHQRGYQAGIAGR.S	17
PLOG+3258	proteomics_log	1014983	1015009	+	2	4	R.GYQAGIAGR.S	13
PLOG+3259	proteomics_log	1017717	1017767	+	3	5	Y.QLENLESGWKWKYLVK.K	21
PLOG+3260	proteomics_log	1017798	1017914	+	3	7	R.YIEASAAQEAVDVLLSLENPVLVNGWIDKHMNPELVNR.M	43
PLOG+3261	proteomics_log	1018041	1018100	+	3	2	R.GKTLSETIVQLIEDAENKEK.Y	24
PLOG+3262	proteomics_log	1018113	1018157	+	3	14	K.MSSLKQDLQALLGKE.-	19

PLOG+3263	proteomics_log	1022380	1022454	+	1	3	R.QSNNAACDAFPVDHDRVSGSAARV.S	29
PLOG+3264	proteomics_log	1027169	1027261	+	2	2	I.MKETDIAGILTSTHTIALVGASDKPDRPSYR.V	35
PLOG+3265	proteomics_log	1027271	1027315	+	2	24	K.YLLDQGYHVIPVSPK.V	19
PLOG+3266	proteomics_log	1027346	1027402	+	2	20	K.GYGTADVPEKVDMDVFR.N	23
PLOG+3267	proteomics_log	1027403	1027456	+	2	9	R.NSEAAWGVQAIAIGAK.T	22
PLOG+3268	proteomics_log	1027457	1027510	+	2	4	K.TLWMLQGVINEQAAVLAR.D	22
PLOG+3269	proteomics_log	1027511	1027540	+	2	4	R.DAGLNVVM*DR.C	15
PLOG+3270	proteomics_log	1027511	1027540	+	2	8	R.DAGLNVVMR.C	14
PLOG+3271	proteomics_log	1029095	1029145	+	2	58	A.LPSMRATAPEKTHGWRR.S	21
PLOG+3272	proteomics_log	1032418	1032477	+	1	10	R.RHNQQTETEHPGNEKQA.-	24
PLOG+3273	proteomics_log	1033722	1033775	+	3	4	R.TLIAYHKGDAATVESVDR.M	22
PLOG+3274	proteomics_log	1033776	1033829	+	3	8	R.MMSALNPLPSGIQSTLGR.I	22
PLOG+3275	proteomics_log	1037617	1037688	+	1	2	R.SFAIGSVFGTLAIIGTLQLGDSSA.Y	28
PLOG+3276	proteomics_log	1050813	1050893	+	3	6	R.TLNENQKVEFSIEQQRGPAAANVVTL.-	31
PLOG+3277	proteomics_log	1051413	1051448	+	3	12	R.EKMTGLESYDVK.I	16
PLOG+3278	proteomics_log	1051413	1051448	+	3	12	R.EKMTGLESYDVK.I	16
PLOG+3279	proteomics_log	1051413	1051448	+	3	12	R.EKMTGLESYDVK.I	16
PLOG+3280	proteomics_log	1051419	1051448	+	3	11	K.MTGLESYDVK.I	14
PLOG+3281	proteomics_log	1051419	1051448	+	3	11	K.MTGLESYDVK.I	14
PLOG+3282	proteomics_log	1051419	1051448	+	3	11	K.MTGLESYDVK.I	14
PLOG+3283	proteomics_log	1053300	1053368	+	3	2	F.SISM*VIRWVSGLSSINSKRKPSR.R	28
PLOG+3284	proteomics_log	1060627	1060719	+	1	2	T.VAGKEPVFINPQDASARGIRNGDVVRVFAR.G	35
PLOG+3285	proteomics_log	1064874	1064924	+	3	16	A.QTVPEGYQLQQLMMSR.H	21
PLOG+3286	proteomics_log	1065030	1065068	+	3	3	K.GGVLEVYMGHYMR.E	17
PLOG+3287	proteomics_log	1065231	1065365	+	3	3	K.M*GTM*DPTFNPVITDDSAAFSEQAVAAMEKLSKLQLTDSYQLLEK.I	51
PLOG+3288	proteomics_log	1065231	1065317	+	3	4	K.M*GTM*DPTFNPVITDDSAAFSEQAVAAM*EK.E	36
PLOG+3289	proteomics_log	1065606	1065650	+	3	2	K.NGYQDSLFTSPEVAR.N	19
PLOG+3290	proteomics_log	1065651	1065686	+	3	7	R.NVAKPLVSYIDK.A	16
PLOG+3291	proteomics_log	1065720	1065812	+	3	11	K.ITVLVGHDSNIASLLTALDFKPYQLHDQNER.T	35
PLOG+3292	proteomics_log	1065882	1065917	+	3	8	K.IEYVYQSAEQLR.N	16
PLOG+3293	proteomics_log	1065918	1065956	+	3	19	R.NADALTLQAPAQR.V	17
PLOG+3294	proteomics_log	1071107	1071178	+	2	3	V.DFVNIRGVIFPVGNKDAVEGHIRHR.A	28
PLOG+3295	proteomics_log	1078906	1078932	+	1	2	R.IISALVILL.F	13
PLOG+3296	proteomics_log	1079791	1079862	+	1	2	M.WSRM*TRNGALAGM*IIGALTVIVWK.Q	30
PLOG+3297	proteomics_log	1080952	1081011	+	1	4	F.CRCKGRAGVGLFPAGGISTR.C	24
PLOG+3298	proteomics_log	1081622	1081654	+	2	3	K.TQFIIQNHSQK.A	15
PLOG+3299	proteomics_log	1081655	1081678	+	2	3	K.ALEWEILK.G	12
PLOG+3300	proteomics_log	1081655	1081732	+	2	41	K.ALEWEILKGMVVEERENIAPGFSQK.M	30
PLOG+3301	proteomics_log	1081679	1081732	+	2	2	K.GVMVVEERENIAPGFSQK.M	22
PLOG+3302	proteomics_log	1081733	1081798	+	2	2	K.MTANLQPGYDMTCGLLTNPKG.K	26
PLOG+3303	proteomics_log	1081886	1081930	+	2	5	K.AYVMAETTQLVTDTK.A	19
PLOG+3304	proteomics_log	1081931	1081969	+	2	5	K.AFTDAIKAGDIEK.A	17
PLOG+3305	proteomics_log	1081976	1082011	+	2	3	K.ALYAPTRQHYER.I	16
PLOG+3306	proteomics_log	1082012	1082086	+	2	5	R.IEPIAELFSDLDGSIDAREDDYEQK.A	29
PLOG+3307	proteomics_log	1082012	1082065	+	2	85	R.IEPIAELFSDLDGSIDAR.E	22
PLOG+3308	proteomics_log	1082030	1082065	+	2	8	E.LFSDLDGSIDAR.E	16



PLOG+3309	proteomics_log	1082129	1082209	+	2	17	K.ALFGDNTTKGMDQYAEQLYTDVVDLQK.R	31
PLOG+3310	proteomics_log	1082129	1082212	+	2	69	K.ALFGDNTTKGMDQYAEQLYTDVVDLQKR.I	32
PLOG+3311	proteomics_log	1082156	1082209	+	2	23	K.GMDQYAEQLYTDVVDLQK.R	22
PLOG+3312	proteomics_log	1082156	1082212	+	2	26	K.GMDQYAEQLYTDVVDLQKR.I	23
PLOG+3313	proteomics_log	1082210	1082290	+	2	23	K.RISELAFPPSKVVGGAAGLIEEVAASK.I	31
PLOG+3314	proteomics_log	1082213	1082290	+	2	61	R.ISELAFPPSKVVGGAAGLIEEVAASK.I	30
PLOG+3315	proteomics_log	1082243	1082290	+	2	10	K.VVGGGAAGLIEEVAASK.I	20
PLOG+3316	proteomics_log	1082366	1082398	+	2	9	K.IVDLLRPQLQK.A	15
PLOG+3317	proteomics_log	1082477	1082572	+	2	4	K.DGFETYDKLTDADRNLKGPITALAEDLAQLR.G	36
PLOG+3318	proteomics_log	1085604	1085636	+	3	7	F.ASNPNSADPWR.I	15
PLOG+3319	proteomics_log	1093013	1093039	+	2	4	S.ISPKNALLR.H	13
PLOG+3320	proteomics_log	1094968	1095021	+	1	2	N.KPYLGNMLNDFAGVDQQR.V	22
PLOG+3321	proteomics_log	1097109	1097168	+	3	2	S.MDIIFYHPTFDTQWWIEALR.K	24
PLOG+3322	proteomics_log	1097283	1097375	+	3	3	K.AVFALGAGVDSILSKLQAHPEMLNPSVPLFR.L	35
PLOG+3323	proteomics_log	1097283	1097327	+	3	4	K.AVFALGAGVDSILSK.L	19
PLOG+3324	proteomics_log	1097376	1097444	+	3	18	R.LEDTGMGEQMQEYAVSQVLHWFR.R	27
PLOG+3325	proteomics_log	1097685	1097789	+	3	16	R.VLINLLPNTPETVGIIINQQLLEKLPDGAYLLNLAR.G	39
PLOG+3326	proteomics_log	1097685	1097753	+	3	27	R.VLINLLPNTPETVGIIINQQLLEK.L	27
PLOG+3327	proteomics_log	1097790	1097840	+	3	2	R.GVHVVEDDLAALDSGK.V	21
PLOG+3328	proteomics_log	1097790	1097846	+	3	22	R.GVHVVEDDLAALDSGKVK.G	23
PLOG+3329	proteomics_log	1097916	1097981	+	3	4	R.VTITPHVAAITRPAEAVEYISR.T	26
PLOG+3330	proteomics_log	1097982	1098011	+	3	19	R.TIAQLEKGER.V	14
PLOG+3331	proteomics_log	1098102	1098185	+	3	2	V.MYPVDLHMHTVASTHAYSTLSDYIAQAK.Q	32
PLOG+3332	proteomics_log	1098201	1098272	+	3	3	K.LFAITDHGPDMEDAPHHWHFINMR.I	28
PLOG+3333	proteomics_log	1098285	1098311	+	3	29	R.VVDGVGILR.G	13
PLOG+3334	proteomics_log	1098366	1098431	+	3	4	K.MFDSLDLIAGFHEPVFAPHDK.A	26
PLOG+3335	proteomics_log	1098528	1098599	+	3	2	K.AVAEAAKHQVALEINNSSFHLSR.K	28
PLOG+3336	proteomics_log	1098552	1098599	+	3	3	K.HQVALEINNSSFHLSR.K	20
PLOG+3337	proteomics_log	1098777	1098803	+	3	55	R.RLLNFLESR.G	13
PLOG+3338	proteomics_log	1098804	1098836	+	3	4	R.GMAPIAEFADL.-	15
PLOG+3339	proteomics_log	1098804	1098836	+	3	4	R.GM*APIAEFADL.-	16
PLOG+3340	proteomics_log	1098890	1098967	+	2	5	R.VLGSLYRQPQDPLLVPFLTLIREGK.L	30
PLOG+3341	proteomics_log	1098890	1098958	+	2	12	R.VLGSLYRQPQDPLLVPFLTLIR.E	27
PLOG+3342	proteomics_log	1098914	1098958	+	2	21	R.QPQDPLLVPFLTLIR.E	19
PLOG+3343	proteomics_log	1098968	1099012	+	2	7	K.LAANWPLEQDELLTR.L	19
PLOG+3344	proteomics_log	1099367	1099414	+	2	9	R.DAISAMWDELEEDSEE.-	20
PLOG+3345	proteomics_log	1105055	1105084	+	2	2	R.IHVVGQDITK.L	14
PLOG+3346	proteomics_log	1108624	1108722	+	1	2	A.FSIDDVAKQAQSLAGKGYETPKSNLPSVFRDM*K.Y	38
PLOG+3347	proteomics_log	1108624	1108713	+	1	5	A.FSIDDVAKQAQSLAGKGYETPKSNLPSVFR.D	34
PLOG+3348	proteomics_log	1108960	1109031	+	1	9	K.VLYPINSKDKNDEIVSMLGASYFR.V	28
PLOG+3349	proteomics_log	1108984	1109031	+	1	6	K.DKNDEIVSMLGASYFR.V	20
PLOG+3350	proteomics_log	1109032	1109070	+	1	186	R.VIGAGQVYGLSAR.G	17
PLOG+3351	proteomics_log	1109071	1109118	+	1	4	R.GLAIDTALPSGEEFPR.F	20
PLOG+3352	proteomics_log	1109125	1109157	+	1	2	K.EFWIERPKPTD.K	15
PLOG+3353	proteomics_log	1109164	1109196	+	1	20	R.LTIYALLDSR.A	15
PLOG+3354	proteomics_log	1109197	1109262	+	1	2	R.ATGAYKFVVMPPGRDVTVDVQSK.I	26

PLOG+3355	proteomics_log	1109215	1109262	+	1	3	K.FVVMGPRDTPVVDVQSK.I	20
PLOG+3356	proteomics_log	1109263	1109289	+	1	2	K.IYLRDKVVGK.L	13
PLOG+3357	proteomics_log	1109443	1109502	+	1	5	K.HLAVSSFMSM*ENPQGFGLLQR.G	25
PLOG+3358	proteomics_log	1109443	1109502	+	1	21	K.HLAVSSFMSMENPQGFGLLQR.G	24
PLOG+3359	proteomics_log	1109869	1109946	+	1	2	K.KLPEDTPVTAQTSIGDNGEIVESTVR.Y	30
PLOG+3360	proteomics_log	1109986	1110024	+	1	3	R.VKVKDAKKTTEM*R.A	18
PLOG+3361	proteomics_log	1109986	1110024	+	1	12	R.VKVKDAKKTTEMR.A	17
PLOG+3362	proteomics_log	1109992	1110024	+	1	5	K.VKDAKKTTEMR.A	15
PLOG+3363	proteomics_log	1110025	1110090	+	1	5	R.AALVNADQTLSETWSYQLPANE.-	26
PLOG+3364	proteomics_log	1110086	1110139	+	2	2	P.MNKTTEYIDAMPAAASEK.A	22
PLOG+3365	proteomics_log	1110167	1110199	+	2	20	R.AVHQALDAEHR.T	15
PLOG+3366	proteomics_log	1112083	1112175	+	1	3	R.VSVGCDWGVAGSAFPVLAGTDCLLVDPVTVCF	35
PLOG+3367	proteomics_log	1112309	1112386	+	2	23	R.SLDDGFMHAVFNPSFNALATAMATAR.H	30
PLOG+3368	proteomics_log	1112452	1112496	+	1	2	D.AREAESRSSPGAARK.S	19
PLOG+3369	proteomics_log	1112480	1112515	+	2	13	R.LVLLSDPVTMAR.L	16
PLOG+3370	proteomics_log	1116051	1116077	+	3	2	R.ISNDALKAK.M	13
PLOG+3371	proteomics_log	1125380	1125412	+	2	17	L.MKYQLTALEAR.V	15
PLOG+3372	proteomics_log	1125503	1125574	+	2	3	K.TNREPVMNLSESEVQEQLDNLVKR.H	28
PLOG+3373	proteomics_log	1125587	1125619	+	2	2	R.TVSGFGNRVTK.Y	15
PLOG+3374	proteomics_log	1125662	1125706	+	2	21	K.LSAAEVALITTLR.G	19
PLOG+3375	proteomics_log	1125749	1125832	+	2	3	R.M*YEFSDMAEVESTLEQLANREDGPFVVR.L	33
PLOG+3376	proteomics_log	1125749	1125832	+	2	59	R.MYEFSDMAEVESTLEQLANREDGPFVVR.L	32
PLOG+3377	proteomics_log	1125953	1125994	+	2	6	R.VEALIEVAELKQR.L	18
PLOG+3378	proteomics_log	1125953	1125988	+	2	11	R.VEALIEVAELK.Q	16
PLOG+3379	proteomics_log	1125953	1126024	+	2	124	R.VEALIEVAELKQRDLSLLAHLGD.-	28
PLOG+3380	proteomics_log	1125995	1126024	+	2	8	R.LDSLLAHLGD.-	14
PLOG+3381	proteomics_log	1126473	1126565	+	3	16	R.SNSVGPFDLYFTLLDDYLHVVDLWLSGGK.A	35
PLOG+3382	proteomics_log	1131800	1131895	+	2	6	M.AFSQAVSGLNAAATNLDVIGNNIANSATYGFK.S	36
PLOG+3383	proteomics_log	1132010	1132048	+	2	2	R.GLDVAISQNGFFR.L	17
PLOG+3384	proteomics_log	1132934	1133002	+	2	3	R.NYQSNAQTIKTQDQILNTLVNLR.-	27
PLOG+3385	proteomics_log	1133661	1133702	+	3	2	N.AVAAM*SDM*IASARR.F	20
PLOG+3386	proteomics_log	1135120	1135149	+	1	4	R.YLQGLFGNAR.A	14
PLOG+3387	proteomics_log	1135348	1135398	+	1	8	R.TISGSNTVPSTQVADAR.I	21
PLOG+3388	proteomics_log	1136496	1136573	+	3	3	R.ALNALGATPMDLMSILQSMQSAGCLR.A	30
PLOG+3389	proteomics_log	1138000	1138068	+	1	10	L.IGKSEGLVNQFKTTDQYLRDQDK.Q	27
PLOG+3390	proteomics_log	1139164	1139241	+	1	3	R.FQQYYLANAQVLQTANAIFDALINIR.-	30
PLOG+3391	proteomics_log	1139472	1139534	+	3	6	K.VSLEESVLSQVTTAIQNAQEK.I	25
PLOG+3392	proteomics_log	1141115	1141141	+	2	2	A.LATGLDNAR.H	13
PLOG+3393	proteomics_log	1144190	1144225	+	2	2	K.IVAITADEAGQR.I	16
PLOG+3394	proteomics_log	1144787	1144819	+	2	11	R.VSQEGKPSETR.F	15
PLOG+3395	proteomics_log	1146593	1146625	+	2	13	M.AVQQNKPTRSK.R	15
PLOG+3396	proteomics_log	1146593	1146619	+	2	165	M.AVQQNKPTR.S	13
PLOG+3397	proteomics_log	1146611	1146709	+	2	93	K.PTRSKRGMRRSHDALTAVTSLSDKTSGEKHLR.H	37
PLOG+3398	proteomics_log	1146638	1146685	+	2	16	R.RSHDALTAVTSLSDK.T	20
PLOG+3399	proteomics_log	1146638	1146709	+	2	120	R.RSHDALTAVTSLSDKTSGEKHLR.H	28
PLOG+3400	proteomics_log	1146638	1146700	+	2	223	R.RSHDALTAVTSLSDKTSGEK.H	25

PLOG+3401	proteomics_log	1146641	1146685	+	2	148	R.SHDALTAVTSLSVDK.T	19
PLOG+3402	proteomics_log	1146641	1146700	+	2	258	R.SHDALTAVTSLSVDKTSGEK.H	24
PLOG+3403	proteomics_log	1146641	1146709	+	2	352	R.SHDALTAVTSLSVDKTSGEKH.LR.H	27
PLOG+3404	proteomics_log	1146659	1146709	+	2	2	T.AVTSLSVDKTSGEKH.LR.H	21
PLOG+3405	proteomics_log	1146686	1146709	+	2	14	K.TSGEKH.LR.H	12
PLOG+3406	proteomics_log	1146710	1146739	+	2	127	R.HHITADGYR.G	14
PLOG+3407	proteomics_log	1146710	1146745	+	2	163	R.HHITADGYRGR.K	16
PLOG+3408	proteomics_log	1147021	1147134	+	1	2	R.LQIIPAQSVIASDARPSQAIRASRGSSMRVALELVKEG.R	42
PLOG+3409	proteomics_log	1147994	1148053	+	2	2	K.IIGTGSYLPEQVRTNADLEK.M	24
PLOG+3410	proteomics_log	1147994	1148032	+	2	85	K.IIGTGSYLPEQVR.T	17
PLOG+3411	proteomics_log	1148033	1148089	+	2	8	R.TNADLEKMVDTSDEWIVTR.T	23
PLOG+3412	proteomics_log	1148054	1148089	+	2	13	K.MVDTSDEWIVTR.T	16
PLOG+3413	proteomics_log	1148108	1148164	+	2	4	R.HIAAPNETVSTM*GFEATR.A	24
PLOG+3414	proteomics_log	1148108	1148164	+	2	18	R.HIAAPNETVSTMGFEATR.A	23
PLOG+3415	proteomics_log	1148378	1148413	+	2	36	K.YALVVGSDVLAR.T	16
PLOG+3416	proteomics_log	1148454	1148498	+	3	6	L.AM*ARALRCWLPLKSR.E	20
PLOG+3417	proteomics_log	1148624	1148728	+	2	4	K.VAVTELAHIVDETLAANNLDRSQLDWLVPHQANLR.I	39
PLOG+3418	proteomics_log	1148624	1148686	+	2	45	K.VAVTELAHIVDETLAANNLDR.S	25
PLOG+3419	proteomics_log	1148750	1148794	+	2	8	K.KLGMSMDNVVTLDR.H	19
PLOG+3420	proteomics_log	1148753	1148794	+	2	4	K.LGMSMDNVVTLDR.H	18
PLOG+3421	proteomics_log	1148858	1148929	+	2	2	R.IKPGQLVLEAFGGGFTWGSALVR.F	28
PLOG+3422	proteomics_log	1148858	1148932	+	2	4	R.IKPGQLVLEAFGGGFTWGSALVRF.-	29
PLOG+3423	proteomics_log	1149125	1149175	+	2	2	K.TWQTQPALLTASVALYR.V	21
PLOG+3424	proteomics_log	1149302	1149385	+	2	28	R.GKFMQEAVPEGTGAMAAIIGLDDASIAK.A	32
PLOG+3425	proteomics_log	1149308	1149385	+	2	5	K.FMQEAVPEGTGAMAAIIGLDDASIAK.A	30
PLOG+3426	proteomics_log	1149485	1149517	+	2	2	R.AGAACKAAGAK.R	15
PLOG+3427	proteomics_log	1149518	1149604	+	2	3	K.RALPLPVSVP SHCALMKPAADKLAVELAK.I	33
PLOG+3428	proteomics_log	1149605	1149697	+	2	2	K.ITFNAPTVPVNNVDVKCETNGDAIRDALVR.Q	35
PLOG+3429	proteomics_log	1149605	1149655	+	2	162	K.ITFNAPTVPVNNVDVK.C	21
PLOG+3430	proteomics_log	1149698	1149727	+	2	10	R.QLYNPVQWTK.S	14
PLOG+3431	proteomics_log	1149728	1149787	+	2	61	K.SVEYMAAQGVEHLYEVGPGK.V	24
PLOG+3432	proteomics_log	1149728	1149811	+	2	175	K.SVEYMAAQGVEHLYEVGPGKVLTKR.I	32
PLOG+3433	proteomics_log	1149728	1149808	+	2	198	K.SVEYMAAQGVEHLYEVGPGKVLTKR.R	31
PLOG+3434	proteomics_log	1149788	1149877	+	2	5	K.VLTGLTKRIVDTLTASALNEPSAMAAALEL.-	34
PLOG+3435	proteomics_log	1149809	1149877	+	2	3	K.RIVDTLTASALNEPSAM*AAALEL.-	28
PLOG+3436	proteomics_log	1149809	1149877	+	2	152	K.RIVDTLTASALNEPSAMAAALEL.-	27
PLOG+3437	proteomics_log	1149812	1149859	+	2	3	R.IVDTLTASALNEPSAM*.A	21
PLOG+3438	proteomics_log	1149812	1149877	+	2	35	R.IVDTLTASALNEPSAM*AAALEL.-	27
PLOG+3439	proteomics_log	1149812	1149877	+	2	238	R.IVDTLTASALNEPSAMAAALEL.-	26
PLOG+3440	proteomics_log	1149893	1149949	+	2	11	I.MNFEGKIALVTGASRGIGR.A	23
PLOG+3441	proteomics_log	1149893	1149910	+	2	63	I.MNFEGK.I	10
PLOG+3442	proteomics_log	1149893	1149937	+	2	129	I.MNFEGKIALVTGASR.G	19
PLOG+3443	proteomics_log	1149911	1149949	+	2	10	K.IALVTGASRGIGR.A	17
PLOG+3444	proteomics_log	1149911	1149937	+	2	114	K.IALVTGASR.G	13
PLOG+3445	proteomics_log	1149938	1149976	+	2	14	R.GIGRAIAETLAAR.G	17
PLOG+3446	proteomics_log	1149950	1149985	+	2	33	R.AIAETLAARGAK.V	16

PLOG+3447	proteomics_log	1149950	1149976	+	2	96	R.AIAETLAAR.G	13
PLOG+3448	proteomics_log	1149977	1150054	+	2	2	R.GAKVIGTATSENGAQAISDYLGANGK.G	30
PLOG+3449	proteomics_log	1149986	1150108	+	2	2	K.VIGTATSENGAQAISDYLGANGKGLM*LNVTDPASIESVLEK.I	46
PLOG+3450	proteomics_log	1149986	1150114	+	2	7	K.VIGTATSENGAQAISDYLGANGKGLM*LNVTDPASIESVLEKIR.A	48
PLOG+3451	proteomics_log	1149986	1150108	+	2	25	K.VIGTATSENGAQAISDYLGANGKGLMLNVTDPASIESVLEK.I	45
PLOG+3452	proteomics_log	1149986	1150114	+	2	36	K.VIGTATSENGAQAISDYLGANGKGLMLNVTDPASIESVLEKIR.A	47
PLOG+3453	proteomics_log	1149986	1150054	+	2	75	K.VIGTATSENGAQAISDYLGANGK.G	27
PLOG+3454	proteomics_log	1150022	1150114	+	2	11	Q.AISDYLGANGKGLMLNVTDPASIESVLEKIR.A	35
PLOG+3455	proteomics_log	1150055	1150114	+	2	2	K.GLM*LNVTDPASIESVLEKIR.A	25
PLOG+3456	proteomics_log	1150055	1150105	+	2	3	K.GLM*LNVTDPASIESVLE.K	22
PLOG+3457	proteomics_log	1150055	1150108	+	2	12	K.GLM*LNVTDPASIESVLEK.I	23
PLOG+3458	proteomics_log	1150055	1150165	+	2	32	K.GLMLNVTDPASIESVLEKIRAEFGEVDILVNNAGITR.D	41
PLOG+3459	proteomics_log	1150055	1150114	+	2	150	K.GLMLNVTDPASIESVLEKIR.A	24
PLOG+3460	proteomics_log	1150055	1150108	+	2	211	K.GLMLNVTDPASIESVLEK.I	22
PLOG+3461	proteomics_log	1150109	1150165	+	2	4	K.IRAEFGEVDILVNNAGITR.D	23
PLOG+3462	proteomics_log	1150109	1150183	+	2	78	K.IRAEFGEVDILVNNAGITRDNLLMR.M	29
PLOG+3463	proteomics_log	1150115	1150183	+	2	23	R.AEFGEVDILVNNAGITRDNLLM*R.M	28
PLOG+3464	proteomics_log	1150115	1150183	+	2	204	R.AEFGEVDILVNNAGITRDNLLMR.M	27
PLOG+3465	proteomics_log	1150115	1150165	+	2	275	R.AEFGEVDILVNNAGITR.D	21
PLOG+3466	proteomics_log	1150184	1150240	+	2	50	R.M*KDEEWNDIETNLSSVFR.L	24
PLOG+3467	proteomics_log	1150184	1150249	+	2	57	R.MKDEEWNDIETNLSSVFR.L	26
PLOG+3468	proteomics_log	1150184	1150240	+	2	348	R.MKDEEWNDIETNLSSVFR.L	23
PLOG+3469	proteomics_log	1150262	1150357	+	2	7	R.AMMKKRHGRIITIGSVVGTMGNGGQANYAAK.A	36
PLOG+3470	proteomics_log	1150280	1150357	+	2	2	R.HGRIITIGSVVGTMGNGGQANYAAK.A	31
PLOG+3471	proteomics_log	1150280	1150357	+	2	13	R.HGRIITIGSVVGTMGNGGQANYAAK.A	30
PLOG+3472	proteomics_log	1150289	1150345	+	2	4	R.IITIGSVVGTMGNGGQANY.A	24
PLOG+3473	proteomics_log	1150289	1150348	+	2	6	R.IITIGSVVGTMGNGGQANY.A	25
PLOG+3474	proteomics_log	1150289	1150357	+	2	16	R.IITIGSVVGTMGNGGQANYAAK.A	28
PLOG+3475	proteomics_log	1150289	1150381	+	2	46	R.IITIGSVVGTMGNGGQANYAAKAGLIGFSK.S	35
PLOG+3476	proteomics_log	1150289	1150357	+	2	383	R.IITIGSVVGTMGNGGQANYAAK.A	27
PLOG+3477	proteomics_log	1150304	1150357	+	2	2	G.SVVGTMGNGGQANYAAK.A	22
PLOG+3478	proteomics_log	1150334	1150408	+	2	2	G.QANYAAKAGLIGFSKSLAREVASR.G	29
PLOG+3479	proteomics_log	1150358	1150381	+	2	33	K.AGLIGFSK.S	12
PLOG+3480	proteomics_log	1150382	1150462	+	2	13	K.SLAREVASRGITVNVVAPGFIEDMTR.A	31
PLOG+3481	proteomics_log	1150382	1150408	+	2	39	K.SLAREVASR.G	13
PLOG+3482	proteomics_log	1150394	1150462	+	2	3	R.EVASRGITVNVVAPGFIEDMTR.A	27
PLOG+3483	proteomics_log	1150409	1150462	+	2	23	R.GITVNVVAPGFIEDM*TR.A	23
PLOG+3484	proteomics_log	1150409	1150462	+	2	308	R.GITVNVVAPGFIEDMTR.A	22
PLOG+3485	proteomics_log	1150463	1150516	+	2	129	R.ALSDDQRAGILAQVPAGR.L	22
PLOG+3486	proteomics_log	1150484	1150624	+	2	3	R.AGILAQVPAGRLGGAQEIANAVAFLASDEAAYITGETLHVNGGM.YM.V.-	51
PLOG+3487	proteomics_log	1150484	1150516	+	2	95	R.AGILAQVPAGR.L	15
PLOG+3488	proteomics_log	1150517	1150552	+	2	2	R.LGGAQEIANAVA.F	16
PLOG+3489	proteomics_log	1150517	1150624	+	2	5	R.LGGAQEIANAVAFLASDEAAYITGETLHVNGGM*YM.V.-	41
PLOG+3490	proteomics_log	1150517	1150621	+	2	6	R.LGGAQEIANAVAFLASDEAAYITGETLHVNGGM.YM.V	39
PLOG+3491	proteomics_log	1150517	1150576	+	2	10	R.LGGAQEIANAVAFLASDEAA.Y	24
PLOG+3492	proteomics_log	1150517	1150624	+	2	5	R.LGGAQEIANAVAFLASDEAAYITGETLHVNGGM*YM*V.-	42

PLOG+3493	proteomics_log	1150517	1150624	+	2	156	R.LGGAQEIANAVAFSLASDEAAAYITGETLHVNGGMVMV.-	40
PLOG+3494	proteomics_log	1150841	1150864	+	2	2	M.STIEERVK.K	12
PLOG+3495	proteomics_log	1150841	1150894	+	2	7	M.STIEERVKKIIGEQLGVK.Q	22
PLOG+3496	proteomics_log	1150841	1150867	+	2	18	M.STIEERVKK.I	13
PLOG+3497	proteomics_log	1150859	1150894	+	2	6	R.VKKIIGEQLGVK.Q	16
PLOG+3498	proteomics_log	1150865	1150894	+	2	7	K.KIIGEQLGVK.Q	14
PLOG+3499	proteomics_log	1150868	1150894	+	2	29	K.IIGEQLGVK.Q	13
PLOG+3500	proteomics_log	1151024	1151071	+	2	193	K.ITTVQAAIDYINGHQA.-	20
PLOG+3501	proteomics_log	1151177	1151227	+	2	2	R.VVVTGLGM*LSPVGNTVE.S	22
PLOG+3502	proteomics_log	1151177	1151239	+	2	3	R.VVVTGLGM*LSPVGNTVESTWK.A	26
PLOG+3503	proteomics_log	1151177	1151239	+	2	108	R.VVVTGLGMLSPVGNTVESTWK.A	25
PLOG+3504	proteomics_log	1151240	1151308	+	2	12	K.ALLAGQSGISLIDHFDT SAYATK.F	27
PLOG+3505	proteomics_log	1151369	1151461	+	2	25	R.KMDAFIQYGVVAGVQAMQDSGLEITEENATR.I	35
PLOG+3506	proteomics_log	1151462	1151545	+	2	52	R.IGAAIGSGIGGLG LIEENHTSLMNGGPR.K	32
PLOG+3507	proteomics_log	1151546	1151623	+	2	24	R.KISPPFFVSTIVNMVAGHLTIMYGLR.G	30
PLOG+3508	proteomics_log	1151690	1151782	+	2	35	R.IIAYGDADVMVAGGAEKASTPLGVGGFGAAR.A	35
PLOG+3509	proteomics_log	1151741	1151782	+	2	79	K.ASTPLGVGGFGAAR.A	18
PLOG+3510	proteomics_log	1151843	1151911	+	2	3	R.DGFVLGDGAGMLVLEEYEHAKKR.G	27
PLOG+3511	proteomics_log	1151843	1151905	+	2	6	R.DGFVLGDGAGMLVLEEYEHAK.K	25
PLOG+3512	proteomics_log	1151993	1152028	+	2	10	G.AGAALAMANALR.D	16
PLOG+3513	proteomics_log	1152122	1152148	+	2	2	K.TIFGEAASR.V	13
PLOG+3514	proteomics_log	1152170	1152238	+	2	7	K.SM*TGHELLGAAGAVESIYSILALR.D	28
PLOG+3515	proteomics_log	1152170	1152286	+	2	36	K.SMTGHLLGAAGAVESIYSILALRDQAVPPTINLNDPDEG.C	43
PLOG+3516	proteomics_log	1152170	1152238	+	2	68	K.SMTGHLLGAAGAVESIYSILALR.D	27
PLOG+3517	proteomics_log	1154407	1154445	+	1	11	R.NVVVETLEQLGIR.D	17
PLOG+3518	proteomics_log	1154686	1154793	+	1	2	R.GIDQHMLATLRDAVLGDFRPDLTLYLDVTPEVGLKR.A	40
PLOG+3519	proteomics_log	1154866	1154949	+	1	2	R.YLELAAQDKSIHTIDATQPLEAVMDAIR.T	32
PLOG+3520	proteomics_log	1154893	1154949	+	1	5	K.SIHTIDATQPLEAVMDAIR.T	23
PLOG+3521	proteomics_log	1157818	1157922	+	1	2	A.GDPTAGKLSGGFLFKMYGLPAAAIWIHSAKPENR.A	39
PLOG+3522	proteomics_log	1158364	1158417	+	1	7	R.LRVSVADVSKVDQAGLKK.L	22
PLOG+3523	proteomics_log	1158364	1158414	+	1	11	R.LRVSVADVSKVDQAGLKK.K	21
PLOG+3524	proteomics_log	1158415	1158477	+	1	4	K.KLGAAGVVVAGSGVQAIFGTK.S	25
PLOG+3525	proteomics_log	1158418	1158477	+	1	5	K.LGAAGVVVAGSGVQAIFGTK.S	24
PLOG+3526	proteomics_log	1158478	1158516	+	1	9	K.SDNLKTEMDEYIR.N	17
PLOG+3527	proteomics_log	1161111	1161134	+	3	9	V.AEETIFSK.I	12
PLOG+3528	proteomics_log	1161147	1161197	+	3	87	R.EIPSDIVYQDDLVTAFR.D	21
PLOG+3529	proteomics_log	1161198	1161299	+	3	47	R.DISPPQAPTHILIPNLIPTVNDVSAEHEQALGR.M	38
PLOG+3530	proteomics_log	1161252	1161299	+	3	2	I.PTVNDVSAEHEQALGR.M	20
PLOG+3531	proteomics_log	1161300	1161320	+	3	4	R.MITVAAK.I	11
PLOG+3532	proteomics_log	1161321	1161380	+	3	3	K.IAEQEGIAEDGYRLIMNTNR.H	24
PLOG+3533	proteomics_log	1161321	1161359	+	3	103	K.IAEQEGIAEDGYR.L	17
PLOG+3534	proteomics_log	1164164	1164214	+	2	3	R.KGAVSVLDNLSPIKAER.V	21
PLOG+3535	proteomics_log	1164366	1164419	+	3	6	A.MIYLVHGFDSNSPGNHEK.V	22
PLOG+3536	proteomics_log	1164420	1164455	+	3	10	K.VLQLQFIDPDVR.L	16
PLOG+3537	proteomics_log	1164765	1164791	+	3	29	R.NDEALNSQR.T	13
PLOG+3538	proteomics_log	1165413	1165526	+	3	2	K.ITLVDRNHSHLWKPLLHEVATGSLDEGVDALS YLAHAR.N	42

PLOG+3539	proteomics_log	1165584	1165640	+	3	5	K.TITIAELRDEKGEVVPER.K	23
PLOG+3540	proteomics_log	1165752	1165787	+	3	3	R.RFHQEM*LNLFLK.Y	17
PLOG+3541	proteomics_log	1165989	1166021	+	3	22	R.ISAAAHNELTK.L	15
PLOG+3542	proteomics_log	1167129	1167188	+	3	2	R.WVVDMPVTRSRALSRAKILT.R	25
PLOG+3543	proteomics_log	1168362	1168400	+	3	5	A.AVEVQSTPEGQK.V	17
PLOG+3544	proteomics_log	1171160	1171219	+	2	3	R.PVGETVAEVVVMMLLREKGGH.H	24
PLOG+3545	proteomics_log	1175986	1176066	+	1	14	K.STLLHLLGGLDTPSGDVIFNGQPMSK.L	31
PLOG+3546	proteomics_log	1176097	1176189	+	1	6	R.NQKLGFIYQFHLLPDFTALENVAMPLIGK.K	35
PLOG+3547	proteomics_log	1176106	1176189	+	1	40	K.LGFIYQFHLLPDFTALENVAMPLIGK.K	32
PLOG+3548	proteomics_log	1176337	1176378	+	1	53	R.LVLADEPTGNLDAR.N	18
PLOG+3549	proteomics_log	1176379	1176474	+	1	17	R.NADSIFQLLGELNRLQGTAFVVDHDLQAKR.M	36
PLOG+3550	proteomics_log	1176379	1176420	+	1	24	R.NADSIFQLLGELNR.L	18
PLOG+3551	proteomics_log	1176379	1176471	+	1	73	R.NADSIFQLLGELNRLQGTAFVVDHDLQAKR.R	35
PLOG+3552	proteomics_log	1178869	1178916	+	1	11	R.VLVLTGAGISAESGIR.T	20
PLOG+3553	proteomics_log	1179088	1179153	+	1	25	K.LQDALGDRFLLVTQNIDNLHER.A	26
PLOG+3554	proteomics_log	1179112	1179153	+	1	2	R.FLLVTQNIDNLHER.A	18
PLOG+3555	proteomics_log	1185088	1185123	+	1	17	R.FLNYVSLDTQSK.A	16
PLOG+3556	proteomics_log	1185364	1185468	+	1	10	R.GGDIALGIGDEVLPVMFVHLQLLGQTLITTDGK.T	39
PLOG+3557	proteomics_log	1185469	1185540	+	1	4	K.TLLGADDKAGIAEIMTALAVLQK.K	28
PLOG+3558	proteomics_log	1185715	1185750	+	1	4	K.IVGNVHPGTAK.G	16
PLOG+3559	proteomics_log	1185751	1185786	+	1	12	K.GVMVNALSAAAR.I	16
PLOG+3560	proteomics_log	1186264	1186290	+	1	2	R.IAELTAQRK.-	13
PLOG+3561	proteomics_log	1194346	1194381	+	1	32	-.M*ESKVVVPAQGK.K	17
PLOG+3562	proteomics_log	1194346	1194384	+	1	50	-.M*ESKVVVPAQGKK.I	18
PLOG+3563	proteomics_log	1194346	1194381	+	1	181	-.MESKVVVPAQGK.K	16
PLOG+3564	proteomics_log	1194346	1194384	+	1	223	-.MESKVVVPAQGKK.I	17
PLOG+3565	proteomics_log	1194358	1194384	+	1	18	K.VVVPAQGKK.I	13
PLOG+3566	proteomics_log	1194358	1194381	+	1	42	K.VVVPAQGK.K	12
PLOG+3567	proteomics_log	1194382	1194492	+	1	3	K.KITLQNGKLNVPENPIIPYIEGDGIGVDVTPAMLKVV.D	41
PLOG+3568	proteomics_log	1194382	1194486	+	1	10	K.KITLQNGKLNVPENPIIPYIEGDGIGVDVTPAM*LK.V	40
PLOG+3569	proteomics_log	1194382	1194486	+	1	264	K.KITLQNGKLNVPENPIIPYIEGDGIGVDVTPAMLK.V	39
PLOG+3570	proteomics_log	1194382	1194510	+	1	2	K.KITLQNGKLNVPENPIIPYIEGDGIGVDVTPAMLKVVDAAVEK.A	47
PLOG+3571	proteomics_log	1194382	1194405	+	1	2	K.KITLQNGK.L	12
PLOG+3572	proteomics_log	1194385	1194510	+	1	24	K.ITLQNGKLNVPENPIIPYIEGDGIGVDVTPAMLKVVDAAVEK.A	46
PLOG+3573	proteomics_log	1194385	1194486	+	1	38	K.ITLQNGKLNVPENPIIPYIEGDGIGVDVTPAM*LK.V	39
PLOG+3574	proteomics_log	1194385	1194486	+	1	349	K.ITLQNGKLNVPENPIIPYIEGDGIGVDVTPAMLK.V	38
PLOG+3575	proteomics_log	1194406	1194510	+	1	4	K.LNVPENPIIPYIEGDGIGVDVTPAMLKVVDAAVEK.A	39
PLOG+3576	proteomics_log	1194406	1194486	+	1	16	K.LNVPENPIIPYIEGDGIGVDVTPAM*LK.V	32
PLOG+3577	proteomics_log	1194406	1194486	+	1	137	K.LNVPENPIIPYIEGDGIGVDVTPAMLK.V	31
PLOG+3578	proteomics_log	1194433	1194486	+	1	4	I.PYIEGDGIGVDVTPAMLK.V	22
PLOG+3579	proteomics_log	1194487	1194519	+	1	9	K.VVDAAVEKAYK.G	15
PLOG+3580	proteomics_log	1194487	1194531	+	1	130	K.VVDAAVEKAYKGERK.I	19
PLOG+3581	proteomics_log	1194487	1194510	+	1	216	K.VVDAAVEK.A	12
PLOG+3582	proteomics_log	1194487	1194528	+	1	291	K.VVDAAVEKAYKGERK.K	18
PLOG+3583	proteomics_log	1194490	1194528	+	1	2	V.VDAAVEKAYKGERK.K	17
PLOG+3584	proteomics_log	1194490	1194510	+	1	3	V.VDAAVEK.A	11

PLOG+3585	proteomics_log	1194493	1194531	+	1	2	V.DAAVEKAYKGERK.I	17
PLOG+3586	proteomics_log	1194493	1194528	+	1	4	V.DAAVEKAYKGER.K	16
PLOG+3587	proteomics_log	1194529	1194564	+	1	21	R.KISWM*EIYTGEK.S	17
PLOG+3588	proteomics_log	1194529	1194624	+	1	157	R.KISWMEIYTGEKSTQVYGQDVWLPAETLDLIR.E	36
PLOG+3589	proteomics_log	1194529	1194564	+	1	321	R.KISWMEIYTGEK.S	16
PLOG+3590	proteomics_log	1194532	1194624	+	1	10	K.ISWMEIYTGEKSTQVYGQDVWLPAETLDLIR.E	35
PLOG+3591	proteomics_log	1194532	1194564	+	1	151	K.ISWMEIYTGEK.S	15
PLOG+3592	proteomics_log	1194538	1194624	+	1	67	S.WM*EIYTGEKSTQVYGQDVWLPAETLDLIR.E	34
PLOG+3593	proteomics_log	1194565	1194681	+	1	2	K.STQVYGQDVWLPAETLDLIREYRVAIKGPLTTPVGGGIR.S	43
PLOG+3594	proteomics_log	1194565	1194612	+	1	4	K.STQVYGQDVWLPAETL.D	20
PLOG+3595	proteomics_log	1194565	1194633	+	1	94	K.STQVYGQDVWLPAETLDLIREYR.V	27
PLOG+3596	proteomics_log	1194565	1194624	+	1	637	K.STQVYGQDVWLPAETLDLIR.E	24
PLOG+3597	proteomics_log	1194625	1194681	+	1	298	R.EYRVAIKGPLTTPVGGGIR.S	23
PLOG+3598	proteomics_log	1194634	1194681	+	1	223	R.VAIKGPLTTPVGGGIR.S	20
PLOG+3599	proteomics_log	1194742	1194804	+	1	2	R.YYQGTSPVKHPELTD*VIFR.E	26
PLOG+3600	proteomics_log	1194742	1194843	+	1	3	R.YYQGTSPVKHPELTD*VIFRENSEDIYAGIEWK.A	38
PLOG+3601	proteomics_log	1194742	1194804	+	1	28	R.YYQGTSPVKHPELTD*VIFR.E	25
PLOG+3602	proteomics_log	1194805	1194843	+	1	9	R.ENSEDIYAGIEWK.A	17
PLOG+3603	proteomics_log	1194844	1194906	+	1	8	K.ADSADAEKVIKFLREEMGVKK.I	25
PLOG+3604	proteomics_log	1194844	1194876	+	1	94	K.ADSADAEKVIK.F	15
PLOG+3605	proteomics_log	1194844	1194903	+	1	95	K.ADSADAEKVIKFLREEMGVK.K	24
PLOG+3606	proteomics_log	1194868	1194903	+	1	4	K.VIKFLREEM*GVK.K	17
PLOG+3607	proteomics_log	1194868	1194906	+	1	5	K.VIKFLREEMGVKK.I	17
PLOG+3608	proteomics_log	1194868	1194903	+	1	11	K.VIKFLREEMGVK.K	16
PLOG+3609	proteomics_log	1194877	1194906	+	1	106	K.FLREEMGVKK.I	14
PLOG+3610	proteomics_log	1194877	1194903	+	1	116	K.FLREEMGVK.K	13
PLOG+3611	proteomics_log	1194979	1195011	+	1	2	R.AAIEYAIANDR.D	15
PLOG+3612	proteomics_log	1194979	1195050	+	1	22	R.AAIEYAIANDRDSVTLVHKGNIM*K.F	29
PLOG+3613	proteomics_log	1194979	1195035	+	1	104	R.AAIEYAIANDRDSVTLVHK.G	23
PLOG+3614	proteomics_log	1194979	1195050	+	1	228	R.AAIEYAIANDRDSVTLVHKGNIMK.F	28
PLOG+3615	proteomics_log	1195036	1195095	+	1	3	K.GNIMKFTEGAFKDWGYQLAR.E	24
PLOG+3616	proteomics_log	1195051	1195086	+	1	10	K.FTEGAFKDWGYQ.L	16
PLOG+3617	proteomics_log	1195051	1195140	+	1	134	K.FTEGAFKDWGYQLAREEFGGELIDGGPWLK.V	34
PLOG+3618	proteomics_log	1195051	1195095	+	1	143	K.FTEGAFKDWGYQLAR.E	19
PLOG+3619	proteomics_log	1195096	1195140	+	1	144	R.EEFGGELIDGGPWLK.V	19
PLOG+3620	proteomics_log	1195378	1195470	+	1	4	K.YAGQDKVNPSSIILSAEMM*LRHM*GWTEAADL.I	37
PLOG+3621	proteomics_log	1195378	1195440	+	1	4	K.YAGQDKVNPSSIILSAEMM*LR.H	26
PLOG+3622	proteomics_log	1195378	1195440	+	1	4	K.YAGQDKVNPSSIILSAEM*M*LR.H	27
PLOG+3623	proteomics_log	1195378	1195440	+	1	627	K.YAGQDKVNPSSIILSAEMMLR.H	25
PLOG+3624	proteomics_log	1195396	1195440	+	1	2	K.VNPGSIIILSAEM*MLR.H	20
PLOG+3625	proteomics_log	1195396	1195440	+	1	138	K.VNPGSIIILSAEMMLR.H	19
PLOG+3626	proteomics_log	1195399	1195440	+	1	10	V.NPGSIIILSAEMMLR.H	18
PLOG+3627	proteomics_log	1195441	1195506	+	1	2	R.HM*GWTEAADLIVKGM*EGAINAK.T	28
PLOG+3628	proteomics_log	1195441	1195530	+	1	2	R.HM*GWTEAADLIVKGM*EGAINAKTVTYDFER.L	35
PLOG+3629	proteomics_log	1195441	1195530	+	1	2	R.HMGWTEAADLIVKGM*EGAINAKTVTYDFER.L	35
PLOG+3630	proteomics_log	1195441	1195557	+	1	3	R.HMGWTEAADLIVKGM*EGAINAKTVTYDFERLMDGAKLLK.C	43

PLOG+3631	proteomics_log	1195441	1195506	+	1	17	R.HMGWTEAADLIVKGM*EGAINAK.T	27
PLOG+3632	proteomics_log	1195441	1195479	+	1	57	R.HM*GWTEAADLIVK.G	18
PLOG+3633	proteomics_log	1195441	1195548	+	1	65	R.HMGWTEAADLIVKGMEGAINAKTVTYDFERLMDGAK.L	40
PLOG+3634	proteomics_log	1195441	1195530	+	1	94	R.HMGWTEAADLIVKGMEGAINAKTVTYDFER.L	34
PLOG+3635	proteomics_log	1195441	1195479	+	1	164	R.HMGWTEAADLIVK.G	17
PLOG+3636	proteomics_log	1195441	1195506	+	1	243	R.HM*GWTEAADLIVKGMEGAINAK.T	27
PLOG+3637	proteomics_log	1195441	1195506	+	1	541	R.HMGWTEAADLIVKGMEGAINAK.T	26
PLOG+3638	proteomics_log	1195441	1195530	+	1	2	R.HM*GWTEAADLIVKGMEGAINAKTVTYDFER.L	35
PLOG+3639	proteomics_log	1195441	1195506	+	1	2	R.HM*GWTEAADLIVKGM*EGAINAK.T	28
PLOG+3640	proteomics_log	1195441	1195530	+	1	2	R.HMGWTEAADLIVKGM*EGAINAKTVTYDFER.L	35
PLOG+3641	proteomics_log	1195441	1195506	+	1	17	R.HMGWTEAADLIVKGM*EGAINAK.T	27
PLOG+3642	proteomics_log	1195441	1195479	+	1	57	R.HM*GWTEAADLIVK.G	18
PLOG+3643	proteomics_log	1195441	1195530	+	1	94	R.HMGWTEAADLIVKGMEGAINAKTVTYDFER.L	34
PLOG+3644	proteomics_log	1195441	1195479	+	1	164	R.HMGWTEAADLIVK.G	17
PLOG+3645	proteomics_log	1195441	1195506	+	1	243	R.HM*GWTEAADLIVKGMEGAINAK.T	27
PLOG+3646	proteomics_log	1195441	1195506	+	1	541	R.HMGWTEAADLIVKGMEGAINAK.T	26
PLOG+3647	proteomics_log	1195480	1195530	+	1	17	K.GMEGAINAKTVTYDFER.L	21
PLOG+3648	proteomics_log	1195480	1195506	+	1	41	K.GMEGAINAK.T	13
PLOG+3649	proteomics_log	1195480	1195506	+	1	41	K.GM*EGAINAK.T	14
PLOG+3650	proteomics_log	1195480	1195530	+	1	17	K.GMEGAINAKTVTYDFER.L	21
PLOG+3651	proteomics_log	1195480	1195506	+	1	41	K.GMEGAINAK.T	13
PLOG+3652	proteomics_log	1195480	1195506	+	1	41	K.GM*EGAINAK.T	14
PLOG+3653	proteomics_log	1195507	1195557	+	1	78	K.TVTYDFERLMDGAKLLK.C	21
PLOG+3654	proteomics_log	1195507	1195548	+	1	78	K.TVTYDFERLMDGAK.L	18
PLOG+3655	proteomics_log	1195507	1195530	+	1	82	K.TVTYDFER.L	12
PLOG+3656	proteomics_log	1195507	1195530	+	1	82	K.TVTYDFER.L	12
PLOG+3657	proteomics_log	1195513	1195530	+	1	3	V.TYDFER.L	10
PLOG+3658	proteomics_log	1195513	1195530	+	1	3	V.TYDFER.L	10
PLOG+3659	proteomics_log	1195531	1195557	+	1	9	R.LMDGAKLLK.C	13
PLOG+3660	proteomics_log	1195549	1195593	+	1	7	K.LLKCFEFGDAIENM.-	19
PLOG+3661	proteomics_log	1195558	1195593	+	1	2	K.CSEFGDAIENM*.-	17
PLOG+3662	proteomics_log	1200062	1200121	+	2	15	S.FFLITGVTNSPTNSASSRTR.H	24
PLOG+3663	proteomics_log	1205951	1205974	+	2	6	R.AAITAELR.S	12
PLOG+3664	proteomics_log	1206385	1206468	+	1	2	R.QQRDLDAKVNLAGGINEDFYLAQLAALGR.P	32
PLOG+3665	proteomics_log	1210645	1210710	+	1	2	R.HM*GWTEAADLIVKGM*EGAINAK.T	28
PLOG+3666	proteomics_log	1210645	1210734	+	1	2	R.HM*GWTEAADLIVKGMEGAINAKTVTYDFER.L	35
PLOG+3667	proteomics_log	1210645	1210734	+	1	2	R.HMGWTEAADLIVKGM*EGAINAKTVTYDFER.L	35
PLOG+3668	proteomics_log	1210645	1210710	+	1	17	R.HMGWTEAADLIVKGM*EGAINAK.T	27
PLOG+3669	proteomics_log	1210645	1210683	+	1	57	R.HM*GWTEAADLIVK.G	18
PLOG+3670	proteomics_log	1210645	1210734	+	1	94	R.HMGWTEAADLIVKGMEGAINAKTVTYDFER.L	34
PLOG+3671	proteomics_log	1210645	1210683	+	1	164	R.HMGWTEAADLIVK.G	17
PLOG+3672	proteomics_log	1210645	1210710	+	1	243	R.HM*GWTEAADLIVKGMEGAINAK.T	27
PLOG+3673	proteomics_log	1210645	1210710	+	1	541	R.HMGWTEAADLIVKGMEGAINAK.T	26
PLOG+3674	proteomics_log	1210645	1210734	+	1	2	R.HM*GWTEAADLIVKGMEGAINAKTVTYDFER.L	35
PLOG+3675	proteomics_log	1210645	1210710	+	1	2	R.HM*GWTEAADLIVKGM*EGAINAK.T	28
PLOG+3676	proteomics_log	1210645	1210734	+	1	2	R.HMGWTEAADLIVKGM*EGAINAKTVTYDFER.L	35



PLOG+3677	proteomics_log	1210645	1210710	+	1	17	R.HMGWTEAADLIVKGM*EGAINAK.T	27
PLOG+3678	proteomics_log	1210645	1210683	+	1	57	R.HM*GWTEAADLIVK.G	18
PLOG+3679	proteomics_log	1210645	1210734	+	1	94	R.HMGWTEAADLIVKGMEGAINAKTVTYDFER.L	34
PLOG+3680	proteomics_log	1210645	1210683	+	1	164	R.HMGWTEAADLIVK.G	17
PLOG+3681	proteomics_log	1210645	1210710	+	1	243	R.HM*GWTEAADLIVKGMEGAINAK.T	27
PLOG+3682	proteomics_log	1210645	1210710	+	1	541	R.HMGWTEAADLIVKGMEGAINAK.T	26
PLOG+3683	proteomics_log	1210684	1210734	+	1	17	K.GMEGAINAKTVTYDFER.L	21
PLOG+3684	proteomics_log	1210684	1210710	+	1	41	K.GMEGAINAK.T	13
PLOG+3685	proteomics_log	1210684	1210710	+	1	41	K.GM*EGAINAK.T	14
PLOG+3686	proteomics_log	1210684	1210734	+	1	17	K.GMEGAINAKTVTYDFER.L	21
PLOG+3687	proteomics_log	1210684	1210710	+	1	41	K.GMEGAINAK.T	13
PLOG+3688	proteomics_log	1210684	1210710	+	1	41	K.GM*EGAINAK.T	14
PLOG+3689	proteomics_log	1210711	1210734	+	1	82	K.TVYDFER.L	12
PLOG+3690	proteomics_log	1210711	1210734	+	1	82	K.TVYDFER.L	12
PLOG+3691	proteomics_log	1210717	1210734	+	1	3	V.TYDFER.L	10
PLOG+3692	proteomics_log	1210717	1210734	+	1	3	V.TYDFER.L	10
PLOG+3693	proteomics_log	1226138	1226167	+	2	5	R.SGKINQTTTK.M	14
PLOG+3694	proteomics_log	1227036	1227083	+	3	7	K.GFGQPQLAMILPLDGR.K	20
PLOG+3695	proteomics_log	1227302	1227355	+	2	2	V.MYQHNNWQGALLDYPVSK.V	22
PLOG+3696	proteomics_log	1232588	1232689	+	2	2	L.TVRRSDGGQIGTINGDRQQLVLLQRDSATFHCR.F	38
PLOG+3697	proteomics_log	1234371	1234424	+	3	3	K.VNNFWETSGLNILETLAR.L	22
PLOG+3698	proteomics_log	1234425	1234475	+	3	5	R.LDHESVPQLIDNLLSVR.T	21
PLOG+3699	proteomics_log	1234611	1234667	+	3	8	R.GLAFASGNPIYGLILNGMK.G	23
PLOG+3700	proteomics_log	1237250	1237306	+	2	4	R.DIAVLEDAGVPYQLLESSR.L	23
PLOG+3701	proteomics_log	1238105	1238167	+	2	3	M.TRPIQASLDLQALKQNLIVR.Q	25
PLOG+3702	proteomics_log	1240434	1240517	+	3	4	Q.PQHQEHGDLRQPGEAVEILQDAVAVANR.A	32
PLOG+3703	proteomics_log	1242538	1242624	+	1	22	K.AGAAWGVDPQLITAIIESGGNPNVSK.S	33
PLOG+3704	proteomics_log	1242892	1242948	+	1	7	K.AISKINDLDADEFLEHVAR.N	23
PLOG+3705	proteomics_log	1242904	1242948	+	1	3	K.INDLDADEFLEHVAR.N	19
PLOG+3706	proteomics_log	1242976	1243011	+	1	9	R.YYKLEQALDAM.-	16
PLOG+3707	proteomics_log	1251372	1251476	+	3	7	K.ALLSQAIHNESERAAGPYIAVNCELYGDAALAEFF.I	39
PLOG+3708	proteomics_log	1253992	1254078	+	1	11	-.IPLAAPVIAKLSPVILPPLRAHKPSAR.L	33
PLOG+3709	proteomics_log	1256908	1256985	+	1	2	T.TPVFGSMVQNGKLAASIPALVLSALNR.V	30
PLOG+3710	proteomics_log	1264355	1264384	+	2	4	R.EYAQLSDVSR.C	14
PLOG+3711	proteomics_log	1264583	1264633	+	2	97	R.AGTGGDEAALFAGDLFR.M	21
PLOG+3712	proteomics_log	1264784	1264819	+	2	2	R.VQRPATESQGR.I	16
PLOG+3713	proteomics_log	1265066	1265092	+	2	2	R.IHAAEMAKR.Q	13
PLOG+3714	proteomics_log	1267388	1267480	+	2	2	P.M*KQKVVSIGDINVANDLPFVLFGGM*NVLESR.D	37
PLOG+3715	proteomics_log	1267388	1267495	+	2	7	P.MKQKVVSIGDINVANDLPFVLFGGMNVLESRDAMR.I	40
PLOG+3716	proteomics_log	1267388	1267480	+	2	18	P.M*KQKVVSIGDINVANDLPFVLFGGMNVLESR.D	36
PLOG+3717	proteomics_log	1267388	1267480	+	2	215	P.MKQKVVSIGDINVANDLPFVLFGGMNVLESR.D	35
PLOG+3718	proteomics_log	1267394	1267480	+	2	25	K.QKVVSIGDINVANDLPFVLFGGMNVLESR.D	33
PLOG+3719	proteomics_log	1267400	1267495	+	2	3	K.VVSIGDINVANDLPFVLFGGMNVLESRDAMR.I	36
PLOG+3720	proteomics_log	1267400	1267480	+	2	19	K.VVSIGDINVANDLPFVLFGGM*NVLESR.D	32
PLOG+3721	proteomics_log	1267400	1267480	+	2	272	K.VVSIGDINVANDLPFVLFGGMNVLESR.D	31
PLOG+3722	proteomics_log	1267496	1267552	+	2	2	R.ICEHYVTVTQKLGIPYVFK.A	23

PLOG+3723	proteomics_log	1267529	1267552	+	2	2	K.LGIPYVFK.A	12
PLOG+3724	proteomics_log	1267553	1267576	+	2	27	K.ASFDKANR.S	12
PLOG+3725	proteomics_log	1267577	1267624	+	2	2	R.SSIHSYRGPGLLEEGMK.I	20
PLOG+3726	proteomics_log	1267577	1267624	+	2	2	R.SSIHSYRGPGLLEEGM*K.I	21
PLOG+3727	proteomics_log	1267577	1267660	+	2	5	R.SSIHSYRGPGLLEEGM*KIFQELKQTFGVK.I	33
PLOG+3728	proteomics_log	1267577	1267642	+	2	10	R.SSIHSYRGPGLLEEGM*KIFQELK.Q	27
PLOG+3729	proteomics_log	1267577	1267642	+	2	52	R.SSIHSYRGPGLLEEGMKIFQELK.Q	26
PLOG+3730	proteomics_log	1267577	1267660	+	2	141	R.SSIHSYRGPGLLEEGMKIFQELKQTFGVK.I	32
PLOG+3731	proteomics_log	1267625	1267660	+	2	29	K.IFQELKQTFGVK.I	16
PLOG+3732	proteomics_log	1267661	1267747	+	2	290	K.IITDVHEPSQAQPVADVVDVIQLPAFLAR.Q	33
PLOG+3733	proteomics_log	1267748	1267777	+	2	15	R.QTDLVEAMAK.T	14
PLOG+3734	proteomics_log	1267778	1267873	+	2	3	K.TGAVINVKKPKQFVSPGQM*GNIVDKFKEGGNEK.V	37
PLOG+3735	proteomics_log	1267802	1267855	+	2	2	K.KPQFVSPGQMGNIIVDKFK.E	22
PLOG+3736	proteomics_log	1267802	1267873	+	2	6	K.KPQFVSPGQMGNIIVDKFKEGGNEK.V	28
PLOG+3737	proteomics_log	1267823	1267891	+	2	6	P.GQM*GNIVDKFKEGGNEKVILCDR.G	28
PLOG+3738	proteomics_log	1267892	1267951	+	2	7	R.GANFGYDNLVVDMLGFSIM*K.K	25
PLOG+3739	proteomics_log	1267892	1267954	+	2	15	R.GANFGYDNLVVDMLGFSIMKK.V	25
PLOG+3740	proteomics_log	1267892	1267951	+	2	90	R.GANFGYDNLVVDMLGFSIMK.K	24
PLOG+3741	proteomics_log	1268009	1268038	+	2	49	R.DPFGAASGGR.R	14
PLOG+3742	proteomics_log	1268039	1268065	+	2	25	R.RAQVAELAR.A	13
PLOG+3743	proteomics_log	1268066	1268164	+	2	2	R.AGMVGLAGLGFIEAHPDPEHAKCDGPSALPLAK.L	37
PLOG+3744	proteomics_log	1268066	1268131	+	2	68	R.AGMVGLAGLGFIEAHPDPEHAK.C	26
PLOG+3745	proteomics_log	1268165	1268239	+	2	69	K.LEPFLKQMKAIDDLKVGFEELDTSK.-	29
PLOG+3746	proteomics_log	1268183	1268239	+	2	8	K.QMKAIDDLKVGFEELDTSK.-	23
PLOG+3747	proteomics_log	1268192	1268239	+	2	281	K.AIDDLKVGFEELDTSK.-	20
PLOG+3748	proteomics_log	1268213	1268239	+	2	12	K.GFEELDTSK.-	13
PLOG+3749	proteomics_log	1284093	1284161	+	3	3	D.GKVDTRALEEVGLTEAQAQEM*YR.Y	28
PLOG+3750	proteomics_log	1287948	1287968	+	3	5	G.IVATKLR.T	11
PLOG+3751	proteomics_log	1290683	1290709	+	2	3	M.AAINTKVKK.A	13
PLOG+3752	proteomics_log	1290683	1290742	+	2	15	M.AAINTKVKKAVIPVAGLGTR.M	24
PLOG+3753	proteomics_log	1290701	1290742	+	2	52	K.VKKAVIPVAGLGTR.M	18
PLOG+3754	proteomics_log	1290707	1290742	+	2	86	K.KAVIPVAGLGTR.M	16
PLOG+3755	proteomics_log	1290710	1290742	+	2	16	K.AVIPVAGLGTR.M	15
PLOG+3756	proteomics_log	1290875	1290934	+	2	11	K.NSIENHFDTSFELEAMLEKR.V	24
PLOG+3757	proteomics_log	1291019	1291150	+	2	3	K.GLGHAVLCAHPVVGDEPVAVILPDVILDEYESDLSQDNLAEMIR.R	48
PLOG+3758	proteomics_log	1291151	1291234	+	2	12	R.RFDETGHSQIMVEPVADVAYGVVDCKG.V	32
PLOG+3759	proteomics_log	1291232	1291291	+	2	2	K.GVELAPGESVPMVGVVEKPK.A	24
PLOG+3760	proteomics_log	1291232	1291330	+	2	45	K.GVELAPGESVPMVGVVEKPKADVAPSNLAIVGR.Y	37
PLOG+3761	proteomics_log	1291292	1291330	+	2	18	K.ADVAPSNLAIVGR.Y	17
PLOG+3762	proteomics_log	1291331	1291369	+	2	234	R.YVLSADIWPLAK.T	17
PLOG+3763	proteomics_log	1291370	1291432	+	2	2	K.TPPGAGDEIQLTDAIDM*LIEK.E	26
PLOG+3764	proteomics_log	1291370	1291459	+	2	2	K.TPPGAGDEIQLTDAIDM*LIEKETVEAYHM*K.G	36
PLOG+3765	proteomics_log	1291370	1291465	+	2	23	K.TPPGAGDEIQLTDAIDMLIEKETVEAYHMKGK.S	36
PLOG+3766	proteomics_log	1291370	1291459	+	2	64	K.TPPGAGDEIQLTDAIDMLIEKETVEAYHMK.G	34
PLOG+3767	proteomics_log	1291433	1291459	+	2	4	K.ETVEAYHM*K.G	14
PLOG+3768	proteomics_log	1291487	1291525	+	2	4	K.LGYM*QAFVEYGIR.H	18

PLOG+3769	proteomics_log	1291487	1291525	+	2	8	K.LGYMQAFVEYGIR.H	17
PLOG+3770	proteomics_log	1291526	1291552	+	2	3	R.HNTLGTTEFK.A	13
PLOG+3771	proteomics_log	1291526	1291585	+	2	105	R.HNTLGTTEFKAWLEEEEMGIKK.-	24
PLOG+3772	proteomics_log	1291553	1291585	+	2	8	K.AWLEEEEMGIKK.-	15
PLOG+3773	proteomics_log	1292795	1292836	+	2	5	K.STALLQSSYNYQER.G	18
PLOG+3774	proteomics_log	1293101	1293175	+	2	2	R.TDFRGELFIGSQYLLAWSDKLVELK.T	29
PLOG+3775	proteomics_log	1299284	1299319	+	2	121	A.ADVPAAGVTLAEK.Q	16
PLOG+3776	proteomics_log	1299284	1299334	+	2	226	A.ADVPAAGVTLAEKQTLVR.N	21
PLOG+3777	proteomics_log	1299293	1299334	+	2	7	V.PAGVTLAEKQTLVR.N	18
PLOG+3778	proteomics_log	1299335	1299406	+	2	157	R.NNGSEVQSLDPHKIEGVPESNISR.D	28
PLOG+3779	proteomics_log	1299407	1299484	+	2	2	R.DLFEGLLVSDLDGHPAPGVAESWDNK.D	30
PLOG+3780	proteomics_log	1299407	1299493	+	2	107	R.DLFEGLLVSDLDGHPAPGVAESWDNKDAK.V	33
PLOG+3781	proteomics_log	1299494	1299517	+	2	9	K.VWTFHLRK.D	12
PLOG+3782	proteomics_log	1299515	1299580	+	2	56	R.KDAKWSGTPVTAQDFVYSWQR.S	26
PLOG+3783	proteomics_log	1299518	1299580	+	2	108	K.DAKWSGTPVTAQDFVYSWQR.S	25
PLOG+3784	proteomics_log	1299527	1299580	+	2	338	K.WSDGTPVTAQDFVYSWQR.S	22
PLOG+3785	proteomics_log	1299581	1299667	+	2	2	R.SVDPNTASPYASYLQYGHIAIDEILEGK.K	33
PLOG+3786	proteomics_log	1299581	1299694	+	2	280	R.SVDPNTASPYASYLQYGHIAIDEILEGKKPITDLGVK.A	42
PLOG+3787	proteomics_log	1299605	1299694	+	2	2	S.PYASYLQYGHIAIDEILEGKKPITDLGVK.A	34
PLOG+3788	proteomics_log	1299668	1299694	+	2	2	K.KPITDLGVK.A	13
PLOG+3789	proteomics_log	1299695	1299790	+	2	78	K.AIDDHTLEVTLSEPVYFYKLLVHPSTSPVPK.A	36
PLOG+3790	proteomics_log	1299695	1299754	+	2	407	K.AIDDHTLEVTLSEPVYFYK.L	24
PLOG+3791	proteomics_log	1299752	1299790	+	2	4	Y.KLLVHPSTSPVPK.A	17
PLOG+3792	proteomics_log	1299755	1299886	+	2	2	K.LLVHPSTSPVPKAAIEKFGEKWTQPGNIVTNGAYTLKDWWVNER.I	48
PLOG+3793	proteomics_log	1299755	1299805	+	2	120	K.LLVHPSTSPVPKAAIEK.F	21
PLOG+3794	proteomics_log	1299755	1299790	+	2	191	K.LLVHPSTSPVPK.A	16
PLOG+3795	proteomics_log	1299791	1299865	+	2	2	K.AAIEKFGEKWTQPGNIVTNGAYTLK.D	29
PLOG+3796	proteomics_log	1299791	1299817	+	2	4	K.AAIEKFGEK.W	13
PLOG+3797	proteomics_log	1299791	1299886	+	2	260	K.AAIEKFGEKWTQPGNIVTNGAYTLKDWWVNER.I	36
PLOG+3798	proteomics_log	1299806	1299886	+	2	297	K.FGEKWTQPGNIVTNGAYTLKDWWVNER.I	31
PLOG+3799	proteomics_log	1299818	1299865	+	2	4	K.WTQPGNIVTNGAYTLK.D	20
PLOG+3800	proteomics_log	1299818	1299886	+	2	55	K.WTQPGNIVTNGAYTLKDWWVNER.I	27
PLOG+3801	proteomics_log	1299887	1299928	+	2	91	R.IVLSRPTYWNNNAK.T	18
PLOG+3802	proteomics_log	1299902	1299988	+	2	6	R.SPTYWNNNAKTVINQVTYLPIASEVTDVNR.Y	33
PLOG+3803	proteomics_log	1299902	1299928	+	2	35	R.SPTYWNNNAK.T	13
PLOG+3804	proteomics_log	1299902	1299994	+	2	41	R.SPTYWNNNAKTVINQVTYLPIASEVTDVNR.YR.S	35
PLOG+3805	proteomics_log	1299929	1300048	+	2	4	K.TVINQVTYLPIASEVTDVNRYSGEIDMTNNSMPIELFQK.L	44
PLOG+3806	proteomics_log	1299929	1299994	+	2	10	K.TVINQVTYLPIASEVTDVNR.YR.S	26
PLOG+3807	proteomics_log	1299929	1299988	+	2	348	K.TVINQVTYLPIASEVTDVNR.Y	24
PLOG+3808	proteomics_log	1299989	1300048	+	2	10	R.YRSGEIDMTNNSMPIELFQK.L	24
PLOG+3809	proteomics_log	1299989	1300057	+	2	10	R.YRSGEIDMTNNSMPIELFQK.LK.K.E	27
PLOG+3810	proteomics_log	1299995	1300057	+	2	2	R.SGEIDM*TNNSMPIELFQK.LK.K.E	26
PLOG+3811	proteomics_log	1299995	1300057	+	2	2	R.SGEIDM*TNNSM*PIELFQK.LK.K.E	27
PLOG+3812	proteomics_log	1299995	1300048	+	2	4	R.SGEIDM*TNNSMPIELFQK.L	23
PLOG+3813	proteomics_log	1299995	1300048	+	2	9	R.SGEIDMTNNSM*PIELFQK.L	23
PLOG+3814	proteomics_log	1299995	1300048	+	2	4	R.SGEIDM*TNNSM*PIELFQK.L	24

PLOG+3815	proteomics_log	1299995	1300057	+	2	104	R.SGEIDMTNNSMPIELFQKLLK.E	25
PLOG+3816	proteomics_log	1299995	1300048	+	2	296	R.SGEIDMTNNSMPIELFQK.L	22
PLOG+3817	proteomics_log	1300049	1300147	+	2	2	K.LKKEIPDEVHVDPYLCTYYEINNQKPPFNDVR.V	37
PLOG+3818	proteomics_log	1300154	1300198	+	2	2	R.TALKLGM*DRDIIVNK.V	20
PLOG+3819	proteomics_log	1300154	1300204	+	2	17	R.TALKLGM*DRDIIVNKV.K.A	22
PLOG+3820	proteomics_log	1300154	1300198	+	2	49	R.TALKLGM*DRDIIVNK.V	19
PLOG+3821	proteomics_log	1300154	1300204	+	2	382	R.TALKLGM*DRDIIVNKV.K.A	21
PLOG+3822	proteomics_log	1300166	1300204	+	2	4	K.LGM*DRDIIVNKV.K.A	18
PLOG+3823	proteomics_log	1300166	1300198	+	2	31	K.LGMDRDIIVNK.V	15
PLOG+3824	proteomics_log	1300166	1300204	+	2	141	K.LGMDRDIIVNKV.K.A	17
PLOG+3825	proteomics_log	1300205	1300261	+	2	110	K.AQGNMPAYGYTPPYTDGAK.L	23
PLOG+3826	proteomics_log	1300262	1300303	+	2	15	K.LTQPEWFGWSQEK.R	18
PLOG+3827	proteomics_log	1300262	1300300	+	2	39	K.LTQPEWFGWSQEK.R	17
PLOG+3828	proteomics_log	1300301	1300399	+	2	2	K.RNEEAKLLAEAGYTADKPLTINLLYNTSDLHK.K	37
PLOG+3829	proteomics_log	1300304	1300402	+	2	18	R.NEEAKLLAEAGYTADKPLTINLLYNTSDLHKK.L	37
PLOG+3830	proteomics_log	1300304	1300399	+	2	31	R.NEEAKLLAEAGYTADKPLTINLLYNTSDLHK.K	36
PLOG+3831	proteomics_log	1300319	1300399	+	2	30	K.KLLAEAGYTADKPLTINLLYNTSDLHK.K	31
PLOG+3832	proteomics_log	1300319	1300402	+	2	130	K.KLLAEAGYTADKPLTINLLYNTSDLHKK.L	32
PLOG+3833	proteomics_log	1300322	1300402	+	2	70	K.LLAEAGYTADKPLTINLLYNTSDLHKK.L	31
PLOG+3834	proteomics_log	1300322	1300399	+	2	161	K.LLAEAGYTADKPLTINLLYNTSDLHK.K	30
PLOG+3835	proteomics_log	1300328	1300402	+	2	7	L.AEAGYTADKPLTINLLYNTSDLHKK.L	29
PLOG+3836	proteomics_log	1300352	1300402	+	2	16	D.KPLTINLLYNTSDLHKK.L	21
PLOG+3837	proteomics_log	1300400	1300432	+	2	116	K.KLAIAASSLWK.K	15
PLOG+3838	proteomics_log	1300400	1300435	+	2	128	K.KLAIAASSLWKK.N	16
PLOG+3839	proteomics_log	1300403	1300432	+	2	138	K.LAIAASSLWK.K	14
PLOG+3840	proteomics_log	1300403	1300435	+	2	168	K.LAIAASSLWKK.N	15
PLOG+3841	proteomics_log	1300433	1300456	+	2	13	K.KNIGVNVK.L	12
PLOG+3842	proteomics_log	1300433	1300495	+	2	21	K.KNIGVNVKLVNQEWKTFDTR.H	25
PLOG+3843	proteomics_log	1300436	1300522	+	2	11	K.NIGVNVKLVNQEWKTFDTRHQTDFDVAR.A	33
PLOG+3844	proteomics_log	1300436	1300456	+	2	31	K.NIGVNVK.L	11
PLOG+3845	proteomics_log	1300436	1300477	+	2	39	K.NIGVNVKLVNQEWK.T	18
PLOG+3846	proteomics_log	1300436	1300495	+	2	125	K.NIGVNVKLVNQEWKTFDTR.H	24
PLOG+3847	proteomics_log	1300457	1300522	+	2	5	K.LVNQEWKTFDTRHQTDFDVAR.A	26
PLOG+3848	proteomics_log	1300457	1300477	+	2	6	K.LVNQEWK.T	11
PLOG+3849	proteomics_log	1300457	1300495	+	2	287	K.LVNQEWKTFDTR.H	17
PLOG+3850	proteomics_log	1300478	1300522	+	2	3	K.TFLDTRHQTDFDVAR.A	19
PLOG+3851	proteomics_log	1300496	1300522	+	2	139	R.HQTDFDVAR.A	13
PLOG+3852	proteomics_log	1300523	1300609	+	2	7	R.AGWCADYNEPTSFLNTMLSNSSMNTAHYK.S	33
PLOG+3853	proteomics_log	1300610	1300648	+	2	2	K.SPAFDSIM*AETLK.V	18
PLOG+3854	proteomics_log	1300610	1300669	+	2	6	K.SPAFDSIM*AETLKVTDEAQR.T	25
PLOG+3855	proteomics_log	1300610	1300648	+	2	70	K.SPAFDSIMAETLK.V	17
PLOG+3856	proteomics_log	1300610	1300669	+	2	208	K.SPAFDSIMAETLKVTDEAQR.T	24
PLOG+3857	proteomics_log	1300670	1300750	+	2	336	R.TALYTKAEQQLDKDSAIVPVYYYYVNAR.L	31
PLOG+3858	proteomics_log	1300688	1300750	+	2	246	K.AEQQLDKDSAIVPVYYYYVNAR.L	25
PLOG+3859	proteomics_log	1300709	1300750	+	2	8	K.DSAIVPVYYYYVNAR.L	18
PLOG+3860	proteomics_log	1300751	1300834	+	2	3	R.LVKPWVGGYTGKDPDNTYTRNM*YIVKH.-	33

PLOG+3861	proteomics_log	1300751	1300834	+	2	6	R.LVKPWVGGYTGKDPLDNTYTRNMYIVKH.-	32
PLOG+3862	proteomics_log	1300751	1300813	+	2	414	R.LVKPWVGGYTGKDPLDNTYTR.N	25
PLOG+3863	proteomics_log	1300814	1300834	+	2	4	R.NM*YIVKH.-	12
PLOG+3864	proteomics_log	1300814	1300834	+	2	42	R.NMYIVKH.-	11
PLOG+3865	proteomics_log	1303144	1303221	+	1	13	R.VGEQLMEVLMHLHNMSKAEAFESVR.M	30
PLOG+3866	proteomics_log	1303144	1303182	+	1	22	R.VGEQLMEVLMHLK.N	17
PLOG+3867	proteomics_log	1303222	1303254	+	1	3	R.MLDAVKMPEAR.K	15
PLOG+3868	proteomics_log	1303788	1303814	+	3	2	V.MNAVTEGRK.V	13
PLOG+3869	proteomics_log	1304088	1304138	+	3	6	R.SDIQMIFQDPLASLNPR.M	21
PLOG+3870	proteomics_log	1304574	1304690	+	3	2	R.ALMSAVPIPDPLEKNKTIQLLEGELPSPINPPSGCVFR.T	43
PLOG+3871	proteomics_log	1304691	1304726	+	3	5	R.TRCPIAGPECAK.T	16
PLOG+3872	proteomics_log	1309509	1309574	+	3	12	R.LTSSTATAATSKPVTSVASGPR.A	26
PLOG+3873	proteomics_log	1312107	1312133	+	3	6	A.HEAGEFFMR.A	13
PLOG+3874	proteomics_log	1322125	1322166	+	1	8	M.SQFFYIHPDNPQQR.L	18
PLOG+3875	proteomics_log	1322167	1322196	+	1	35	R.LINQAVEIVR.K	14
PLOG+3876	proteomics_log	1322251	1322277	+	1	2	K.IEDKNAMER.I	13
PLOG+3877	proteomics_log	1322332	1322382	+	1	26	R.DLSELSTYSFVDNVAFR.L	21
PLOG+3878	proteomics_log	1325029	1325055	+	1	3	R.IDGHLISVR.E	13
PLOG+3879	proteomics_log	1326750	1326797	+	3	3	H.KGGINVDLHDVLPDLR.I	20
PLOG+3880	proteomics_log	1327623	1327661	+	3	8	K.AKLGEVATDSKPR.V	17
PLOG+3881	proteomics_log	1327629	1327661	+	3	37	K.LGEVATDSKPR.V	15
PLOG+3882	proteomics_log	1327683	1327775	+	3	14	K.GSMDAHEVNSLREEITAVLAAFQPKDQVVL.R.L	35
PLOG+3883	proteomics_log	1327716	1327775	+	3	2	L.REEITAVLAAFQPKDQVVL.R.L	24
PLOG+3884	proteomics_log	1328001	1328048	+	3	2	K.SKDIDIELHTAGQYKR.T	20
PLOG+3885	proteomics_log	1328094	1328144	+	3	2	K.FREELNETHQLFKDFVK.R	21
PLOG+3886	proteomics_log	1328094	1328147	+	3	3	K.FREELNETHQLFKDFVKR.M	22
PLOG+3887	proteomics_log	1328220	1328279	+	3	36	K.GLVDEINTSDEVILSLMEGR.E	24
PLOG+3888	proteomics_log	1329075	1329110	+	3	3	M.GKALVIVESPAK.A	16
PLOG+3889	proteomics_log	1329075	1329116	+	3	32	M.GKALVIVESPAKAK.T	18
PLOG+3890	proteomics_log	1329117	1329155	+	3	45	K.TINKYLGSDYVVK.S	17
PLOG+3891	proteomics_log	1329156	1329206	+	3	5	K.SSVGHIRDLPTSGSAK.K	21
PLOG+3892	proteomics_log	1329282	1329344	+	3	4	R.MGVDPWHNWEAHYEVLPGKEK.V	25
PLOG+3893	proteomics_log	1329378	1329443	+	3	2	K.ADHIYLATDLDRGEAIAWHLR.E	26
PLOG+3894	proteomics_log	1329444	1329470	+	3	3	R.EVIGGDDAR.Y	13
PLOG+3895	proteomics_log	1329471	1329515	+	3	5	R.YSRVVFNEITKNAIR.Q	19
PLOG+3896	proteomics_log	1329591	1329626	+	3	6	R.VVGYMVSPLLWK.K	16
PLOG+3897	proteomics_log	1329639	1329677	+	3	3	R.GLSAGRVQSVAVR.L	17
PLOG+3898	proteomics_log	1331391	1331435	+	3	12	R.DGAAGVFLAANTFPK.S	19
PLOG+3899	proteomics_log	1331436	1331477	+	3	3	K.SRETRAPLVEELYR.F	18
PLOG+3900	proteomics_log	1331508	1331561	+	3	2	R.YLADAPQQDPEGNKTMVR.F	22
PLOG+3901	proteomics_log	1331508	1331561	+	3	2	R.YLADAPQQDPEGNKTM*VR.F	23
PLOG+3902	proteomics_log	1331574	1331612	+	3	2	K.TKQQYVSSEKDGK.A	17
PLOG+3903	proteomics_log	1331993	1332031	+	2	24	R.MLEDELGIQIFSR.S	17
PLOG+3904	proteomics_log	1332032	1332082	+	2	8	R.SGKHLTQVTPAGQEIIR.I	21
PLOG+3905	proteomics_log	1332770	1332799	+	2	3	R.DVVDAAVLR.S	14
PLOG+3906	proteomics_log	1333873	1333902	+	1	2	R.EASKDTLQAK.D	14

PLOG+3907	proteomics_log	1333903	1333944	+	1	2	K.DKTYHYYSPLAAK.S	18
PLOG+3908	proteomics_log	1333975	1334007	+	1	2	K.SLKVLELLR.W	15
PLOG+3909	proteomics_log	1333984	1334007	+	1	3	K.VLLENLLR.W	12
PLOG+3910	proteomics_log	1334008	1334067	+	1	7	R.WQDGNVTEEDIHALAGWLK.N	24
PLOG+3911	proteomics_log	1334110	1334166	+	1	19	R.VLMQDFTGVPVVDLAAMR.E	23
PLOG+3912	proteomics_log	1334632	1334682	+	1	7	R.EGITATDLVLTVTQMLR.K	21
PLOG+3913	proteomics_log	1334704	1334754	+	1	3	K.FVEFYGDGLDSLPLADR.A	21
PLOG+3914	proteomics_log	1335415	1335456	+	1	8	K.KSDLTVGAVLSGNR.N	18
PLOG+3915	proteomics_log	1335844	1335927	+	1	14	R.ILAMLGDSVTTDHISPAGSIKPDSPAGR.Y	32
PLOG+3916	proteomics_log	1335982	1336008	+	1	2	R.RGNHEVMMR.G	13
PLOG+3917	proteomics_log	1336030	1336074	+	1	3	R.IRNEMVPGVEGGMTR.H	19
PLOG+3918	proteomics_log	1336075	1336122	+	1	2	R.HLPDSDVVSIIYDAAMR.Y	20
PLOG+3919	proteomics_log	1336264	1336320	+	1	2	R.SNLIGM*GILPLEFPQGVTR.K	24
PLOG+3920	proteomics_log	1336264	1336320	+	1	27	R.SNLIGMGILPLEFPQGVTR.K	23
PLOG+3921	proteomics_log	1336351	1336413	+	1	2	K.IDIGDLQNLQPGATVPVTLTR.A	25
PLOG+3922	proteomics_log	1336453	1336515	+	1	3	R.IDTATELTYQNDGILHYVIR.N	25
PLOG+3923	proteomics_log	1338741	1338821	+	3	3	K.AVDLFLDMLKEDTGTVEAHLTLGNLFR.S	31
PLOG+3924	proteomics_log	1339467	1339502	+	3	4	R.DGSEAAQVYITR.Q	16
PLOG+3925	proteomics_log	1339948	1339974	+	1	7	M.TLTASSSSR.A	13
PLOG+3926	proteomics_log	1339975	1340061	+	1	3	R.AVTNSPVVVALDYHNRDDALAFVDKIDPR.D	33
PLOG+3927	proteomics_log	1340071	1340136	+	1	2	R.LKVGKEMFTLFGPQFVRELQQR.G	26
PLOG+3928	proteomics_log	1340071	1340121	+	1	10	R.LKVGKEMFTLFGPQFVR.E	21
PLOG+3929	proteomics_log	1340077	1340121	+	1	15	K.VGKEMFTLFGPQFVR.E	19
PLOG+3930	proteomics_log	1340086	1340121	+	1	30	K.EMFTLFGPQFVR.E	16
PLOG+3931	proteomics_log	1340137	1340163	+	1	3	R.GFDIFLDLK.F	13
PLOG+3932	proteomics_log	1340164	1340259	+	1	26	K.FHDIPNTAAHAAAAADLGVWVMNVHASGGAR.M	36
PLOG+3933	proteomics_log	1340278	1340403	+	1	14	R.EALVPFGKDAPLLIAVTVLTSMEASDLVDLGMTLSPADYAER.L	46
PLOG+3934	proteomics_log	1340470	1340499	+	1	7	R.FKQVFGQEFK.L	14
PLOG+3935	proteomics_log	1340500	1340553	+	1	2	K.LVTPGIRPQGSEAGDQRR.I	22
PLOG+3936	proteomics_log	1340554	1340673	+	1	3	R.IMTPEQALSAGVDYMVIGRPVTSVDPAQTLKAINASLQR.S	44
PLOG+3937	proteomics_log	1340554	1340649	+	1	125	R.IMTPEQALSAGVDYMVIGRPVTSVDPAQTLK.A	36
PLOG+3938	proteomics_log	1340703	1340744	+	3	2	R.LVYSTETGRIDEPK.A	18
PLOG+3939	proteomics_log	1340886	1340954	+	3	4	K.KKCGCGGAVKDGVIIEIQGDKRDL.L	27
PLOG+3940	proteomics_log	1342008	1342061	+	3	2	R.DVAADRDDSDIFLLLAQS.P	22
PLOG+3941	proteomics_log	1359234	1359326	+	3	2	K.YLNAIHAGGLPIALPHALAEPSLLEQLLPK.L	35
PLOG+3942	proteomics_log	1361688	1361735	+	3	3	R.LLLEESIADEFLALLK.Q	20
PLOG+3943	proteomics_log	1363577	1363600	+	2	2	M.SNNEFHQR.R	12
PLOG+3944	proteomics_log	1364186	1364227	+	2	2	F.EPVQGEFFNVAPK.E	18
PLOG+3945	proteomics_log	1364654	1364761	+	2	2	D.PQTGEPASAAIAQKIQRALAQGLLLTCGAYGNVIR.F	40
PLOG+3946	proteomics_log	1366121	1366192	+	2	10	R.FADIVNANINALLEKAEDPQKLV.R	28
PLOG+3947	proteomics_log	1366121	1366165	+	2	10	R.FADIVNANINALLEK.A	19
PLOG+3948	proteomics_log	1366193	1366234	+	2	16	R.LMIQEMEDTLVEVR.S	18
PLOG+3949	proteomics_log	1366250	1366279	+	2	3	R.ALAEKQLTR.R	14
PLOG+3950	proteomics_log	1366280	1366303	+	2	18	R.RIEQASAR.E	12
PLOG+3951	proteomics_log	1366367	1366453	+	2	4	R.AALIEKQKLTDLIKSLEHEVTLVDDTLAR.M	33
PLOG+3952	proteomics_log	1366409	1366453	+	2	4	K.SLEHEVTLVDDTLAR.M	19

PLOG+3953	proteomics_log	1366454	1366501	+	2	2	R.M*KKEIGELENKLSETR.A	21
PLOG+3954	proteomics_log	1366565	1366603	+	2	7	R.QLDSGKLEAMAR.F	17
PLOG+3955	proteomics_log	1366622	1366675	+	2	6	R.RIDQM*EAEAESHSGFKQK.S	23
PLOG+3956	proteomics_log	1366622	1366669	+	2	8	R.RIDQMEAEAESHSGFK.Q	20
PLOG+3957	proteomics_log	1366622	1366675	+	2	28	R.RIDQMEAEAESHSGFKQK.S	22
PLOG+3958	proteomics_log	1366676	1366744	+	2	13	K.SLDDQFAELKADDAISEQLAQLK.A	27
PLOG+3959	proteomics_log	1366676	1366750	+	2	63	K.SLDDQFAELKADDAISEQLAQLKAK.M	29
PLOG+3960	proteomics_log	1367794	1367865	+	1	8	R.VPEQYQQEHVQGAINIPLKEVKER.I	28
PLOG+3961	proteomics_log	1367794	1367859	+	1	8	R.VPEQYQQEHVQGAINIPLKEVK.E	26
PLOG+3962	proteomics_log	1367866	1367904	+	1	26	R.IATAVPDKNDTVK.V	17
PLOG+3963	proteomics_log	1367944	1368015	+	1	6	K.EILSEMGYTHVENAGGLKDIAMPK.V	28
PLOG+3964	proteomics_log	1369521	1369586	+	3	2	L.GSRNDYAGVEKLGYNRAINRKK.Y	26
PLOG+3965	proteomics_log	1383344	1383397	+	2	2	N.RLSDGAPLTVYPGEVPAR.L	22
PLOG+3966	proteomics_log	1387797	1387916	+	3	2	R.AISAALPLVPQVSFADLDGPTWLAVDVEPALQFTTGELHL.-	44
PLOG+3967	proteomics_log	1388011	1388049	+	1	3	M.QVQICTPTAERAR.R	17
PLOG+3968	proteomics_log	1391407	1391511	+	1	2	K.AVGLPEIQVIRDLFEGLVNQNEKGEIVPGVATQWK.S	39
PLOG+3969	proteomics_log	1391629	1391700	+	1	18	K.TLSPFAWFAALAGINNAQAIIDGK.A	28
PLOG+3970	proteomics_log	1391752	1391823	+	1	2	K.IQLDKPLPWFVNLTAFFFPVQK.A	28
PLOG+3971	proteomics_log	1392463	1392483	+	1	2	K.NLGVDPVK.L	11
PLOG+3972	proteomics_log	1392778	1392840	+	1	3	R.LIKPWLKGYPINNPEDVAYS.R	25
PLOG+3973	proteomics_log	1423901	1423969	+	2	2	R.CLSRIQSCTGRSLQKQPASPRVK.S	27
PLOG+3974	proteomics_log	1446476	1446535	+	2	7	R.IYIEAPLFDTLVSGFEQAVK.S	24
PLOG+3975	proteomics_log	1458206	1458253	+	2	46	G.KTVLQIADYPGM*LIWR.T	21
PLOG+3976	proteomics_log	1459223	1459267	+	2	2	R.AIKAGDGDLLIAGGV.E	19
PLOG+3977	proteomics_log	1459238	1459360	+	2	2	G.DGDLLIAGGVESM*SRAPFVMGKAASAFSRQAEMFDTTIGWR.F	46
PLOG+3978	proteomics_log	1461665	1461727	+	2	8	R.GGEIWLGSALALLEGLGFGGER.F	25
PLOG+3979	proteomics_log	1462498	1462593	+	1	13	M.PIYQIDGLTPVVPEESFVHPTAVLIGDVILGK.G	36
PLOG+3980	proteomics_log	1463758	1463865	+	1	2	T.PVPPTPGGDEIIPDDPDDTPTPPKPVSFNNDVILDK.T	40
PLOG+3981	proteomics_log	1465133	1465162	+	2	2	K.EILLFPILDR.L	14
PLOG+3982	proteomics_log	1472248	1472277	+	1	4	M.SSNTFTLGTK.S	14
PLOG+3983	proteomics_log	1472374	1472451	+	1	3	R.EALALGVNHIDTSDFYGPHVTNQIIR.E	30
PLOG+3984	proteomics_log	1472452	1472496	+	1	6	R.EALYPYSDDLITVTK.I	19
PLOG+3985	proteomics_log	1472509	1472562	+	1	2	R.RGEDASWLPAPFSPALQK.A	22
PLOG+3986	proteomics_log	1472584	1472622	+	1	18	R.NLGLDVLVDVVNLR.V	17
PLOG+3987	proteomics_log	1472716	1472763	+	1	4	K.HIGLSNVTPTQVAEAR.K	20
PLOG+3988	proteomics_log	1472980	1473030	+	1	4	R.SPNILLIPGTSSVAHLR.E	21
PLOG+3989	proteomics_log	1477265	1477330	+	2	3	R.SSSYFIAGMNILVVYNISLM*NW.R	27
PLOG+3990	proteomics_log	1480119	1480139	+	3	5	D.TVKPLMK.R	11
PLOG+3991	proteomics_log	1481220	1481240	+	3	9	A.IFQEM*AK.E	12
PLOG+3992	proteomics_log	1482375	1482464	+	3	26	R.TNLASVILQMTALGLGDIAAFPVEAPDKR.N	34
PLOG+3993	proteomics_log	1485652	1485687	+	1	2	R.FSIALLNQAVR.V	16
PLOG+3994	proteomics_log	1485754	1485783	+	1	2	R.M*TGDNPDPAPR.W	15
PLOG+3995	proteomics_log	1485754	1485783	+	1	7	R.MTGDNPDPAPR.W	14
PLOG+3996	proteomics_log	1485880	1485912	+	1	4	R.YLSLLTGELPR.L	15
PLOG+3997	proteomics_log	1486259	1486312	+	2	4	M.SVPVQHPMYIDGQFVTWR.G	22
PLOG+3998	proteomics_log	1486313	1486366	+	2	12	R.GDAWIDVVNPATEAVISR.I	22

PLOG+3999	proteomics_log	1486367	1486396	+	2	8	R.IPDGQAEDAR.K	14
PLOG+4000	proteomics_log	1486397	1486459	+	2	9	R.KAIDAAERAQPEWEALPAIER.A	25
PLOG+4001	proteomics_log	1486397	1486420	+	2	32	R.KAIDAAER.A	12
PLOG+4002	proteomics_log	1486421	1486459	+	2	62	R.AQPEWEALPAIER.A	17
PLOG+4003	proteomics_log	1486475	1486495	+	2	2	R.KISAGIR.E	11
PLOG+4004	proteomics_log	1486475	1486501	+	2	7	R.KISAGIRER.A	13
PLOG+4005	proteomics_log	1486496	1486615	+	2	7	R.ERASEISALIVEEGGKIQQLAEEVEVAFTADYIDYMAEWAR.R	44
PLOG+4006	proteomics_log	1486502	1486615	+	2	2	R.ASEISALIVEEGGKIQQLAEEVEVAFTADYIDYM*AEWAR.R	43
PLOG+4007	proteomics_log	1486502	1486543	+	2	11	R.ASEISALIVEEGGK.I	18
PLOG+4008	proteomics_log	1486502	1486615	+	2	83	R.ASEISALIVEEGGKIQQLAEEVEVAFTADYIDYMAEWAR.R	42
PLOG+4009	proteomics_log	1486544	1486615	+	2	7	K.IQQLAEEVEVAFTADYIDYMAEWAR.R	28
PLOG+4010	proteomics_log	1486616	1486675	+	2	19	R.RYEGEIIQSDRPGENILLFK.R	24
PLOG+4011	proteomics_log	1486616	1486678	+	2	61	R.RYEGEIIQSDRPGENILLFKR.A	25
PLOG+4012	proteomics_log	1486619	1486675	+	2	3	R.YEGEIIQSDRPGENILLFK.R	23
PLOG+4013	proteomics_log	1486619	1486678	+	2	61	R.YEGEIIQSDRPGENILLFKR.A	24
PLOG+4014	proteomics_log	1486676	1486738	+	2	5	K.RALGVTTGILPWNFPFFLIAR.K	25
PLOG+4015	proteomics_log	1486679	1486711	+	2	3	R.ALGVTTGILPW.N	15
PLOG+4016	proteomics_log	1486679	1486729	+	2	3	R.ALGVTTGILPWNFPFFL.I	21
PLOG+4017	proteomics_log	1486679	1486726	+	2	8	R.ALGVTTGILPWNFPFF.L	20
PLOG+4018	proteomics_log	1486679	1486741	+	2	24	R.ALGVTTGILPWNFPFFLIAR.M	25
PLOG+4019	proteomics_log	1486679	1486738	+	2	177	R.ALGVTTGILPWNFPFFLIAR.K	24
PLOG+4020	proteomics_log	1486739	1486852	+	2	2	R.KM*APALLTGNTIVIKPSEFTPNNAIAFAKIVDEIGLPR.G	43
PLOG+4021	proteomics_log	1486739	1486852	+	2	3	R.KMAPALLTGNTIVIKPSEFTPNNAIAFAKIVDEIGLPR.G	42
PLOG+4022	proteomics_log	1486739	1486825	+	2	8	R.KM*APALLTGNTIVIKPSEFTPNNAIAFAK.I	34
PLOG+4023	proteomics_log	1486739	1486825	+	2	187	R.KMAPALLTGNTIVIKPSEFTPNNAIAFAK.I	33
PLOG+4024	proteomics_log	1486742	1486852	+	2	10	K.MAPALLTGNTIVIKPSEFTPNNAIAFAKIVDEIGLPR.G	41
PLOG+4025	proteomics_log	1486742	1486825	+	2	10	K.M*APALLTGNTIVIKPSEFTPNNAIAFAK.I	33
PLOG+4026	proteomics_log	1486742	1486825	+	2	119	K.MAPALLTGNTIVIKPSEFTPNNAIAFAK.I	32
PLOG+4027	proteomics_log	1486826	1486918	+	2	46	K.IVDEIGLPRGVFNVLGRGETVGQELAGNPK.V	35
PLOG+4028	proteomics_log	1486826	1486852	+	2	93	K.IVDEIGLPR.G	13
PLOG+4029	proteomics_log	1486853	1486879	+	2	33	R.GVFNVLGR.G	13
PLOG+4030	proteomics_log	1486853	1486918	+	2	141	R.GVFNVLGRGETVGQELAGNPK.V	26
PLOG+4031	proteomics_log	1486880	1486918	+	2	36	R.GETVGQELAGNPK.V	17
PLOG+4032	proteomics_log	1486964	1486984	+	2	5	K.IMATAAK.N	11
PLOG+4033	proteomics_log	1486964	1486996	+	2	14	K.IMATAAKNITK.V	15
PLOG+4034	proteomics_log	1487021	1487068	+	2	12	K.APAIVMDDADLELAVK.A	20
PLOG+4035	proteomics_log	1487126	1487167	+	2	15	R.VYVQKGIYDQFVNR.L	18
PLOG+4036	proteomics_log	1487141	1487263	+	2	2	K.GIYDQFVNRLGEAMQAVQFGNPAERNDIAMGPLINAAALER.V	45
PLOG+4037	proteomics_log	1487141	1487215	+	2	2	K.GIYDQFVNRLGEAMQAVQFGNPAER.N	29
PLOG+4038	proteomics_log	1487141	1487263	+	2	2	K.GIYDQFVNRLGEAMQAVQFGNPAERNDIAM*GPLINAAALER.V	46
PLOG+4039	proteomics_log	1487141	1487167	+	2	43	K.GIYDQFVNR.L	13
PLOG+4040	proteomics_log	1487168	1487275	+	2	2	R.LGEAMQAVQFGNPAERNDIAMGPLINAAALERVEQK.V	40
PLOG+4041	proteomics_log	1487168	1487263	+	2	4	R.LGEAMQAVQFGNPAERNDIAM*GPLINAAALER.V	37
PLOG+4042	proteomics_log	1487168	1487215	+	2	42	R.LGEAMQAVQFGNPAER.N	20
PLOG+4043	proteomics_log	1487168	1487263	+	2	114	R.LGEAMQAVQFGNPAERNDIAMGPLINAAALER.V	36
PLOG+4044	proteomics_log	1487216	1487263	+	2	8	R.NDIAM*GPLINAAALER.V	21



PLOG+4045	proteomics_log	1487216	1487263	+	2	16	R.NDIAMGPLINAAALER.V	20
PLOG+4046	proteomics_log	1487264	1487305	+	2	7	R.VEQKVARAVEEGAR.V	18
PLOG+4047	proteomics_log	1487276	1487305	+	2	11	K.VARAVEEGAR.V	14
PLOG+4048	proteomics_log	1487306	1487338	+	2	8	R.VAFGGKAVEGK.G	15
PLOG+4049	proteomics_log	1487306	1487377	+	2	36	R.VAFGGKAVEGKGYYPPTLLLDVR.Q	28
PLOG+4050	proteomics_log	1487324	1487377	+	2	7	K.AVEGKGYYPPTLLLDVR.Q	22
PLOG+4051	proteomics_log	1487339	1487377	+	2	71	K.GYYPPTLLLDVR.Q	17
PLOG+4052	proteomics_log	1487531	1487572	+	2	2	K.AI KGLKFGETYINR.E	18
PLOG+4053	proteomics_log	1487549	1487617	+	2	3	K.FGETYINRENFEAM*QGFHAGWRK.S	28
PLOG+4054	proteomics_log	1487549	1487572	+	2	10	K.FGETYINR.E	12
PLOG+4055	proteomics_log	1487549	1487614	+	2	16	K.FGETYINRENFEAMQGFHAGWR.K	26
PLOG+4056	proteomics_log	1487549	1487617	+	2	16	K.FGETYINRENFEAMQGFHAGWRK.S	27
PLOG+4057	proteomics_log	1487573	1487614	+	2	13	R.ENFEAMQGFHAGWR.K	18
PLOG+4058	proteomics_log	1487618	1487644	+	2	3	K.SGIGGADGK.H	13
PLOG+4059	proteomics_log	1490716	1490748	+	1	5	R.INMIQAGAASR.I	15
PLOG+4060	proteomics_log	1490749	1490775	+	1	5	R.IAEMEAMKR.N	13
PLOG+4061	proteomics_log	1491280	1491330	+	1	2	R.HLQQM*QHSLGM*TVGTVR.Q	23
PLOG+4062	proteomics_log	1491745	1491795	+	1	3	R.SAQAAKEIEGLISESVR.L	21
PLOG+4063	proteomics_log	1491838	1491921	+	1	3	K.TM*STIVDAVASVTHIMQEIAAASDEQSR.G	33
PLOG+4064	proteomics_log	1494976	1495068	+	1	2	A.ADSDIADGQTQRFDFSILQSMADLAQTAWR.G	35
PLOG+4065	proteomics_log	1494976	1495011	+	1	4	A.ADSDIADGQTQR.F	16
PLOG+4066	proteomics_log	1495012	1495068	+	1	8	R.FDFSILQSMADLAQTAWR.G	23
PLOG+4067	proteomics_log	1495432	1495470	+	1	2	R.AVDDTYQYGLSAR.G	17
PLOG+4068	proteomics_log	1497442	1497483	+	1	2	E.FLNDAYDDVNLYAR.I	18
PLOG+4069	proteomics_log	1499586	1499636	+	3	3	R.MIIRDENYFTDKYELTR.T	21
PLOG+4070	proteomics_log	1499715	1499795	+	3	2	R.NSLYLAANGYDVAWDKNAMSIANVER.I	31
PLOG+4071	proteomics_log	1499796	1499834	+	3	6	R.IKSIENLDNLHTR.V	17
PLOG+4072	proteomics_log	1499802	1499834	+	3	6	K.SIENLDNLHTR.V	15
PLOG+4073	proteomics_log	1499835	1499918	+	3	23	R.VVDLNNLTFDRQYDFILSTVVLMFLEAK.T	32
PLOG+4074	proteomics_log	1499919	1499951	+	3	3	K.TIPGLIANMQR.C	15
PLOG+4075	proteomics_log	1500081	1500137	+	3	2	R.VKYNEDVVELHRTDANGNR.I	23
PLOG+4076	proteomics_log	1500745	1500834	+	1	6	K.VLDKILNYNTNTEM*KEAIAQRKPLVTTAGPR.S	35
PLOG+4077	proteomics_log	1500835	1500954	+	1	2	R.SLIFRGAITGVDSKEGLQFYEVVPVALVVAGTQMATGHR.T	44
PLOG+4078	proteomics_log	1500850	1500954	+	1	46	R.GAITGVDSKEGLQFYEVVPVALVVAGTQMATGHR.T	39
PLOG+4079	proteomics_log	1500880	1500954	+	1	7	K.EGLQFYEVVPVALVVAGTQMATGHR.T	29
PLOG+4080	proteomics_log	1500916	1500954	+	1	6	A.LVVAGTQMATGHR.T	17
PLOG+4081	proteomics_log	1500919	1500954	+	1	25	L.VVAGTQMATGHR.T	16
PLOG+4082	proteomics_log	1500970	1501032	+	1	5	R.LYFEGELIDAATNKPVIKVV.R.Q	25
PLOG+4083	proteomics_log	1500970	1501023	+	1	12	R.LYFEGELIDAATNKPVIK.V	22
PLOG+4084	proteomics_log	1501093	1501146	+	1	5	K.QVIDDMATDATMFDVNKK.-	22
PLOG+4085	proteomics_log	1503208	1503267	+	1	6	E.QIENACNGSGQPTLIFIRM*R.F	25
PLOG+4086	proteomics_log	1509783	1509818	+	3	6	R.LDIIAWPGYIER.G	16
PLOG+4087	proteomics_log	1509891	1509932	+	3	2	K.TAATSDEMVSMLTK.G	18
PLOG+4088	proteomics_log	1509996	1510034	+	3	8	R.VQPINTALIPNWK.T	17
PLOG+4089	proteomics_log	1510050	1510085	+	3	2	R.VVKGDWFNVGGK.V	16
PLOG+4090	proteomics_log	1510086	1510139	+	3	3	K.VYGTPTYQWGNLLMYNTK.T	22

PLOG+4091	proteomics_log	1510140	1510205	+	3	2	K.TFPTPPDSWQVVFVEQNLDPDGK.S	26
PLOG+4092	proteomics_log	1510221	1510274	+	3	11	R.VQAYDGPYIADAALFVK.A	22
PLOG+4093	proteomics_log	1510275	1510346	+	3	2	K.ATQPQLGISDPYQLTEEYQAVLK.V	28
PLOG+4094	proteomics_log	1510785	1510820	+	3	4	R.WTQDYIAIMGGR.-	16
PLOG+4095	proteomics_log	1513001	1513033	+	2	2	G.GAGDINCAGVR.D	15
PLOG+4096	proteomics_log	1513614	1513739	+	3	10	K.LLINGELVSGEGEKQPVYNPATGDVLLIEIAEASAEQVDAAVR.A	46
PLOG+4097	proteomics_log	1513740	1513784	+	3	8	R.AADAAFAEWGQTTPK.V	19
PLOG+4098	proteomics_log	1513809	1513862	+	3	3	K.LADVIEENGQVFAELES.R	22
PLOG+4099	proteomics_log	1514007	1514075	+	3	9	R.RDPLGVVASIAPWNYPLMMAAWK.L	27
PLOG+4100	proteomics_log	1514010	1514075	+	3	6	R.DPLGVVASIAPWNYPLMMAAWK.L	26
PLOG+4101	proteomics_log	1514151	1514210	+	3	17	K.LAELAKDIFPAGVINILFGR.G	24
PLOG+4102	proteomics_log	1514169	1514210	+	3	6	K.DIFPAGVINILFGR.G	18
PLOG+4103	proteomics_log	1514256	1514324	+	3	3	R.MVSLTGSIATGEHIISHTASSIK.R	27
PLOG+4104	proteomics_log	1514256	1514327	+	3	5	R.M*VSLTGSIATGEHIISHTASSIKR.T	29
PLOG+4105	proteomics_log	1514256	1514327	+	3	15	R.MVSLTGSIATGEHIISHTASSIKR.T	28
PLOG+4106	proteomics_log	1514328	1514408	+	3	17	R.THMELGGKAPVIVFDDADIEAVVEGVR.T	31
PLOG+4107	proteomics_log	1514352	1514408	+	3	4	K.APVIVFDDADIEAVVEGVR.T	23
PLOG+4108	proteomics_log	1514472	1514525	+	3	6	K.GIYDTLVEKLGAAVATLK.S	22
PLOG+4109	proteomics_log	1514592	1514618	+	3	5	R.VGKAVEEAK.A	13
PLOG+4110	proteomics_log	1514601	1514636	+	3	5	K.AVEEAKATGHIK.V	16
PLOG+4111	proteomics_log	1514946	1515005	+	3	2	K.LSGYGKDMSLYGLLEDYTVVR.H	24
PLOG+4112	proteomics_log	1514964	1515005	+	3	2	K.DM*SLYGLLEDYTVVR.H	19
PLOG+4113	proteomics_log	1514964	1515005	+	3	5	K.DMSLYGLLEDYTVVR.H	18
PLOG+4114	proteomics_log	1515675	1515701	+	3	23	M.SHLDEVIAR.V	13
PLOG+4115	proteomics_log	1515702	1515812	+	3	5	R.VDAAIEESVIAHMNELLIALSDDAELSREDRYTQQQR.L	41
PLOG+4116	proteomics_log	1515702	1515785	+	3	19	R.VDAAIEESVIAHMNELLIALSDDAELSR.E	32
PLOG+4117	proteomics_log	1515702	1515794	+	3	60	R.VDAAIEESVIAHMNELLIALSDDAELSREDR.Y	35
PLOG+4118	proteomics_log	1515870	1515902	+	3	4	R.HEQLTKGGTIL.-	15
PLOG+4119	proteomics_log	1516309	1516332	+	1	2	R.PIPAAIKK.A	12
PLOG+4120	proteomics_log	1517132	1517182	+	2	4	R.LEEDDVATPGEGQVLLR.T	21
PLOG+4121	proteomics_log	1517139	1517159	+	3	3	K.KMMSPHR.V	11
PLOG+4122	proteomics_log	1517183	1517215	+	2	11	R.TVYLSLDPYMR.G	15
PLOG+4123	proteomics_log	1517222	1517293	+	2	2	R.MSDEPSYSPPVDIGGVMVGGTVSR.V	28
PLOG+4124	proteomics_log	1517222	1517293	+	2	2	R.M*SDEPSYSPPVDIGGVMVGGTVSR.V	29
PLOG+4125	proteomics_log	1517396	1517494	+	2	3	K.LGDHPQNPWSLGLVGMFGFTAYMGLLDIGQPK.E	37
PLOG+4126	proteomics_log	1517702	1517779	+	2	2	K.GIDIYYENVGGKVFDAVLP LLNTSAR.I	30
PLOG+4127	proteomics_log	1517702	1517737	+	2	4	K.GIDIYYENVGGK.V	16
PLOG+4128	proteomics_log	1517738	1517779	+	2	5	K.VFDAVLP LLNTSAR.I	18
PLOG+4129	proteomics_log	1517972	1518040	+	2	2	K.IHYREEITDGLLENAPQTFIGLLK.G	27
PLOG+4130	proteomics_log	1520532	1520609	+	3	9	R.CARCFQPIAPAAKTAVVTTGFNGWWL.L	30
PLOG+4131	proteomics_log	1520971	1521072	+	1	2	S.SETTCGAALTIIVCSSAAKTTGERTSSAGKTVCR.T	38
PLOG+4132	proteomics_log	1521421	1521441	+	1	2	A.AEEMLRK.A	11
PLOG+4133	proteomics_log	1521421	1521453	+	1	4	A.AEEMLRKAVGK.G	15
PLOG+4134	proteomics_log	1521421	1521519	+	1	5	A.AEEMLRKAVGKAYEMAYSQQENALWLATSQSR.K	37
PLOG+4135	proteomics_log	1521439	1521519	+	1	25	R.KAVGKAYEMAYSQQENALWLATSQSR.K	31
PLOG+4136	proteomics_log	1521442	1521519	+	1	3	K.AVGKAYEM*AYSQQENALWLATSQSR.K	31

PLOG+4137	proteomics_log	1521442	1521519	+	1	77	K.AVGKGAYEMAYSQQENALWLATSQSR.K	30
PLOG+4138	proteomics_log	1521454	1521519	+	1	2	K.GAYEM*AYSQQENALWLATSQSR.K	27
PLOG+4139	proteomics_log	1521454	1521519	+	1	29	K.GAYEMAYSQQENALWLATSQSR.K	26
PLOG+4140	proteomics_log	1521520	1521549	+	1	124	R.KLDKGGVVYR.L	14
PLOG+4141	proteomics_log	1521550	1521687	+	1	27	R.LDPVTLEVTQAIHNDLKPFGATINNTTQTLWFGNTVNSAVTAIDAK.T	50
PLOG+4142	proteomics_log	1521589	1521708	+	1	3	H.NDLKPFGATINNTTQTLWFGNTVNSAVTAIDAKTGEVKGR.L	44
PLOG+4143	proteomics_log	1521727	1521762	+	1	32	R.KRTEEVRLQPR.E	16
PLOG+4144	proteomics_log	1521730	1521762	+	1	6	K.RTEEVRLQPR.E	15
PLOG+4145	proteomics_log	1521763	1521855	+	1	9	R.ELVADDATNTVYISGIGKESVIWVVDGGNIK.L	35
PLOG+4146	proteomics_log	1521763	1521816	+	1	22	R.ELVADDATNTVYISGIGK.E	22
PLOG+4147	proteomics_log	1521763	1521861	+	1	26	R.ELVADDATNTVYISGIGKESVIWVVDGGNIK.LK.T	37
PLOG+4148	proteomics_log	1521817	1521861	+	1	3	K.ESVIWVVDGGNIK.LK.T	19
PLOG+4149	proteomics_log	1521817	1521855	+	1	10	K.ESVIWVVDGGNIK.L	17
PLOG+4150	proteomics_log	1521856	1521885	+	1	47	K.LKTAIQNTGK.M	14
PLOG+4151	proteomics_log	1521862	1521924	+	1	2	K.TAIQNTGKMSTGLALDSEGKR.L	25
PLOG+4152	proteomics_log	1521862	1521885	+	1	6	K.TAIQNTGK.M	12
PLOG+4153	proteomics_log	1521886	1521993	+	1	15	K.MSTGLALDSEGKRLYTTNADGELITIDTADNKILSR.K	40
PLOG+4154	proteomics_log	1521886	1521921	+	1	26	K.MSTGLALDSEGK.R	16
PLOG+4155	proteomics_log	1521886	1521981	+	1	33	K.MSTGLALDSEGKRLYTTNADGELITIDTADNK.I	36
PLOG+4156	proteomics_log	1521886	1521924	+	1	94	K.MSTGLALDSEGKR.L	17
PLOG+4157	proteomics_log	1521922	1521993	+	1	35	K.RLYTTNADGELITIDTADNKILSR.K	28
PLOG+4158	proteomics_log	1521925	1521993	+	1	29	R.LYTTNADGELITIDTADNKILSR.K	27
PLOG+4159	proteomics_log	1521925	1521981	+	1	46	R.LYTTNADGELITIDTADNK.I	23
PLOG+4160	proteomics_log	1521994	1522062	+	1	13	R.KKLLDDGKEHFFINISLDTARQ.R.A	27
PLOG+4161	proteomics_log	1521994	1522056	+	1	188	R.KKLLDDGKEHFFINISLDTAR.Q	25
PLOG+4162	proteomics_log	1521997	1522056	+	1	11	K.KLLDDGKEHFFINISLDTAR.Q	24
PLOG+4163	proteomics_log	1522000	1522056	+	1	191	K.LLDDGKEHFFINISLDTAR.Q	23
PLOG+4164	proteomics_log	1522057	1522083	+	1	7	R.QRAFITDSK.A	13
PLOG+4165	proteomics_log	1522057	1522113	+	1	8	R.QRAFITDSKAAEVLVVDTR.N	23
PLOG+4166	proteomics_log	1522063	1522134	+	1	19	R.AFITDSKAAEVLVVDTRNGNILAK.V	28
PLOG+4167	proteomics_log	1522063	1522113	+	1	28	R.AFITDSKAAEVLVVDTR.N	21
PLOG+4168	proteomics_log	1522063	1522083	+	1	114	R.AFITDSK.A	11
PLOG+4169	proteomics_log	1522084	1522134	+	1	16	K.AAEVLVVDTRNGNILAK.V	21
PLOG+4170	proteomics_log	1522084	1522113	+	1	131	K.AAEVLVVDTR.N	14
PLOG+4171	proteomics_log	1522114	1522203	+	1	4	R.NGNILAKVAAPESLAVLFNPARNEAYVTHR.Q	34
PLOG+4172	proteomics_log	1522135	1522236	+	1	2	K.VAAPESLAVLFNPARNEAYVTHRQAGKVSVIDAK.S	38
PLOG+4173	proteomics_log	1522135	1522167	+	1	3	K.VAAPESLAVLF.N	15
PLOG+4174	proteomics_log	1522135	1522215	+	1	9	K.VAAPESLAVLFNPARNEAYVTHRQAGK.V	31
PLOG+4175	proteomics_log	1522135	1522203	+	1	64	K.VAAPESLAVLFNPARNEAYVTHR.Q	27
PLOG+4176	proteomics_log	1522135	1522179	+	1	260	K.VAAPESLAVLFNPAR.N	19
PLOG+4177	proteomics_log	1522180	1522215	+	1	17	R.NEAYVTHRQAGK.V	16
PLOG+4178	proteomics_log	1522180	1522203	+	1	62	R.NEAYVTHR.Q	12
PLOG+4179	proteomics_log	1522204	1522236	+	1	4	R.QAGKVSVIDAK.S	15
PLOG+4180	proteomics_log	1522237	1522308	+	1	47	K.SYKVVKTFDTPHPNSLALSADGK.T	28
PLOG+4181	proteomics_log	1522246	1522329	+	1	6	K.VVKTFDTPHPNSLALSADGKTLVSVK.Q	32
PLOG+4182	proteomics_log	1522255	1522335	+	1	43	K.TFDTPHPNSLALSADGKTLVSVKQK.S	31

PLOG+4183	proteomics_log	1522255	1522329	+	1	80	K.TFDTPTHPNSLALSADGKTLYVSVK.Q	29
PLOG+4184	proteomics_log	1522255	1522308	+	1	156	K.TFDTPTHPNSLALSADGK.T	22
PLOG+4185	proteomics_log	1522309	1522329	+	1	2	K.TLYVSVK.Q	11
PLOG+4186	proteomics_log	1522309	1522380	+	1	13	K.TLYVSVKQKSTKQQEATQPDDVIR.I	28
PLOG+4187	proteomics_log	1522330	1522380	+	1	3	K.QKSTKQQEATQPDDVIR.I	21
PLOG+4188	proteomics_log	1522333	1522380	+	1	2	Q.KSTKQQEATQPDDVIR.I	20
PLOG+4189	proteomics_log	1522336	1522380	+	1	146	K.STKQQEATQPDDVIR.I	19
PLOG+4190	proteomics_log	1522345	1522389	+	1	3	K.QQEATQPDDVIRIAL.-	19
PLOG+4191	proteomics_log	1522345	1522380	+	1	127	K.QQEATQPDDVIR.I	16
PLOG+4192	proteomics_log	1525021	1525095	+	1	2	I.SSEKLLTIHIVQMFQLLSQAFYNLK.M	29
PLOG+4193	proteomics_log	1531130	1531168	+	2	8	K.AALAADITDVIIR.H	17
PLOG+4194	proteomics_log	1535447	1535473	+	2	2	K.TAAVAFCEG.I	13
PLOG+4195	proteomics_log	1537431	1537547	+	3	2	G.DKPPGFHQKHASTDDPDRAAGVPTACATELHERWCIPR.Y	43
PLOG+4196	proteomics_log	1554652	1554699	+	1	7	M.TIHKKGQAHWEGDIKR.G	20
PLOG+4197	proteomics_log	1554667	1554696	+	1	7	K.GQAHWEGDIK.R	14
PLOG+4198	proteomics_log	1554667	1554699	+	1	11	K.GQAHWEGDIK.R	15
PLOG+4199	proteomics_log	1554697	1554765	+	1	2	K.RGKGTVSTESGVLNQQPYGFNTR.F	27
PLOG+4200	proteomics_log	1554700	1554765	+	1	44	R.GKGTVSTESGVLNQQPYGFNTR.F	26
PLOG+4201	proteomics_log	1554706	1554765	+	1	14	K.GTVSTESGVLNQQPYGFNTR.F	24
PLOG+4202	proteomics_log	1554913	1554939	+	1	3	K.VDAGFAITK.I	13
PLOG+4203	proteomics_log	1554940	1555014	+	1	47	K.IALKSEVAVPGIDASTFDGIIQKAK.A	29
PLOG+4204	proteomics_log	1554940	1555008	+	1	172	K.IALKSEVAVPGIDASTFDGIIQK.A	27
PLOG+4205	proteomics_log	1554952	1555008	+	1	73	K.SEVAVPGIDASTFDGIIQK.A	23
PLOG+4206	proteomics_log	1555045	1555077	+	1	3	K.AEITLDYQLKS.-	15
PLOG+4207	proteomics_log	1555045	1555074	+	1	4	K.AEITLDYQLK.S	14
PLOG+4208	proteomics_log	1557588	1557620	+	3	2	R.HPSSEPIIPAM.A	15
PLOG+4209	proteomics_log	1566587	1566637	+	2	2	L.LYTGPAAGVTNVNRGNR.W	21
PLOG+4210	proteomics_log	1571346	1571450	+	3	2	G.DSLVNQLKTRFRVISPRANGEQRIHATDFTAHGYP.I	39
PLOG+4211	proteomics_log	1579694	1579735	+	2	2	V.RSIIISQVKHKRLVK.C	18
PLOG+4212	proteomics_log	1589220	1589309	+	3	2	R.ESITAASLNKYGEVFCM*TVRCANQPLEDLE.F	35
PLOG+4213	proteomics_log	1602782	1602847	+	2	2	R.SDLGASFLMPAITAVVLGGANI.Y	26
PLOG+4214	proteomics_log	1604334	1604393	+	3	3	R.IDINIAPLFEHADVLMCTRG.I	24
PLOG+4215	proteomics_log	1604445	1604519	+	3	5	R.ASGANSILAELSNEAVALSMDDAVR.L	29
PLOG+4216	proteomics_log	1608048	1608116	+	3	2	R.ITGNDTVHQRREAVSLIQLNK.C	27
PLOG+4217	proteomics_log	1618408	1618500	+	1	3	R.APVTITVQPARFHSVPVTSRSHNQQQLSPQT.P	35
PLOG+4218	proteomics_log	1625595	1625636	+	3	49	R.RFIQQGHKVIATGR.R	18
PLOG+4219	proteomics_log	1625598	1625636	+	3	101	R.FIQQGHKVIATGR.R	17
PLOG+4220	proteomics_log	1625649	1625714	+	3	99	R.LQELKDELGDONLYIAQLDVRNR.A	26
PLOG+4221	proteomics_log	1625649	1625708	+	3	172	R.LQELKDELGDONLYIAQLDVR.N	24
PLOG+4222	proteomics_log	1625820	1625864	+	3	7	K.ASVEDWETMIDTNNK.G	19
PLOG+4223	proteomics_log	1625820	1625885	+	3	11	K.ASVEDWETMIDTNNKGLVYMTR.A	26
PLOG+4224	proteomics_log	1625886	1625993	+	3	2	R.AVLPGMVERNHHIINIIGSTAGSWPYAGGNVYGATK.A	40
PLOG+4225	proteomics_log	1625913	1625993	+	3	38	R.NHGHIIINIIGSTAGSWPYAGGNVYGATK.A	31
PLOG+4226	proteomics_log	1626027	1626107	+	3	63	R.TDLHGTAVRVTDIEPGLVGGTEFSNVR.F	31
PLOG+4227	proteomics_log	1626054	1626104	+	3	2	R.VTDIEPGLVGGTEFSNV.R	21
PLOG+4228	proteomics_log	1626054	1626134	+	3	3	R.VTDIEPGLVGGTEFSNVRFKGDDGKAE.K	31

PLOG+4229	proteomics_log	1626054	1626107	+	3	246	R.VTDIEPGLVGGTEFSNVR.F	22
PLOG+4230	proteomics_log	1626108	1626137	+	3	23	R.FKGDDGKAEK.T	14
PLOG+4231	proteomics_log	1627257	1627286	+	3	24	R.NRNAITGSR.V	14
PLOG+4232	proteomics_log	1627263	1627286	+	3	2	R.NAITGSR.V	12
PLOG+4233	proteomics_log	1627287	1627367	+	3	4	R.VM*VSGTGHTGKILSIDTEGLTAEQIRR.G	32
PLOG+4234	proteomics_log	1627287	1627319	+	3	8	R.VM*VSGTGHTGK.I	16
PLOG+4235	proteomics_log	1627287	1627373	+	3	14	R.VMVSOGTGHTGKILSIDTEGLTAEQIRRGK.T	33
PLOG+4236	proteomics_log	1627287	1627367	+	3	24	R.VMVSOGTGHTGKILSIDTEGLTAEQIRR.G	31
PLOG+4237	proteomics_log	1627287	1627364	+	3	30	R.VMVSOGTGHTGKILSIDTEGLTAEQIR.R	30
PLOG+4238	proteomics_log	1627287	1627319	+	3	41	R.VMVSOGTGHTGK.I	15
PLOG+4239	proteomics_log	1627320	1627403	+	3	3	K.ILSIDTEGLTAEQIRRGKTVVVEGCEEK.L	32
PLOG+4240	proteomics_log	1627320	1627364	+	3	30	K.ILSIDTEGLTAEQIR.R	19
PLOG+4241	proteomics_log	1627329	1627364	+	3	6	S.IDTEGLTAEQIR.R	16
PLOG+4242	proteomics_log	1627365	1627427	+	3	4	R.RGKTVVVEGCEEKLAFLDLIR.L	25
PLOG+4243	proteomics_log	1627365	1627403	+	3	14	R.RGKTVVVEGCEEK.L	17
PLOG+4244	proteomics_log	1627368	1627439	+	3	6	R.GKTVVVEGCEEKLAFLDLIRLGMN.-	28
PLOG+4245	proteomics_log	1627368	1627403	+	3	17	R.GKTVVVEGCEEK.L	16
PLOG+4246	proteomics_log	1627368	1627427	+	3	22	R.GKTVVVEGCEEKLAFLDLIR.L	24
PLOG+4247	proteomics_log	1627374	1627403	+	3	8	K.TVVVEGCEEK.L	14
PLOG+4248	proteomics_log	1627374	1627427	+	3	21	K.TVVVEGCEEKLAFLDLIR.L	22
PLOG+4249	proteomics_log	1627404	1627439	+	3	8	K.LAFLDLIRLGMN.-	16
PLOG+4250	proteomics_log	1631667	1631708	+	3	2	Y.CRISTLDQTTENQR.R	18
PLOG+4251	proteomics_log	1631667	1631708	+	3	2	Y.CRISTLDQTTENQR.R	18
PLOG+4252	proteomics_log	1631667	1631708	+	3	2	Y.CRISTLDQTTENQR.R	18
PLOG+4253	proteomics_log	1646222	1646293	+	2	3	K.ELELLELFNALPESEQDTQLAEM*R.A	29
PLOG+4254	proteomics_log	1646222	1646293	+	2	3	K.ELELLELFNALPESEQDTQLAEM*R.A	29
PLOG+4255	proteomics_log	1646300	1646344	+	2	2	R.VKNFNKLFELLKAR.Q	19
PLOG+4256	proteomics_log	1646300	1646338	+	2	6	R.VKNFNKLFELLK.A	17
PLOG+4257	proteomics_log	1646300	1646344	+	2	2	R.VKNFNKLFELLKAR.Q	19
PLOG+4258	proteomics_log	1646300	1646338	+	2	6	R.VKNFNKLFELLK.A	17
PLOG+4259	proteomics_log	1652354	1652422	+	2	21	Q.SQM*LLKTSPTAM*GVTVCWRMRK.H	29
PLOG+4260	proteomics_log	1653916	1653963	+	1	11	A.ETNKLVIESGDSAQSR.Q	20
PLOG+4261	proteomics_log	1653934	1653963	+	1	2	V.IESGDSAQSR.Q	14
PLOG+4262	proteomics_log	1654262	1654300	+	2	5	R.YVHQLDNNASVMR.Y	17
PLOG+4263	proteomics_log	1654571	1654618	+	2	2	Y.LIVDKENEKAIHIYRK.L	20
PLOG+4264	proteomics_log	1655673	1655696	+	3	14	R.IQSDISQR.I	12
PLOG+4265	proteomics_log	1655826	1655891	+	3	9	R.TTSGNVSAPAQSSQDGAPAEPQ.-	26
PLOG+4266	proteomics_log	1656447	1656479	+	3	4	R.VGKRGEKFER.I	15
PLOG+4267	proteomics_log	1656447	1656479	+	3	4	R.VGKRGEKFER.I	15
PLOG+4268	proteomics_log	1658943	1658975	+	3	4	R.VGKRGEKFER.I	15
PLOG+4269	proteomics_log	1658943	1658975	+	3	4	R.VGKRGEKFER.I	15
PLOG+4270	proteomics_log	1660275	1660313	+	3	2	R.LGPDVYQTFTEGR.S	17
PLOG+4271	proteomics_log	1660482	1660520	+	3	3	L.KTPSGKIEIYSER.L	17
PLOG+4272	proteomics_log	1661017	1661052	+	1	16	M.TTQYGGFFIDSSR.C	16
PLOG+4273	proteomics_log	1661017	1661052	+	1	16	M.TTQYGGFFIDSSR.C	16
PLOG+4274	proteomics_log	1661099	1661149	+	2	2	K.ILARKSVSAVFMNTLAA.T	21

PLOG+4275	proteomics_log	1661497	1661532	+	1	8	K.HGTAAVAPLPR.A	16
PLOG+4276	proteomics_log	1669463	1669507	+	2	16	A.AETTTTPTATTTK.A	19
PLOG+4277	proteomics_log	1676517	1676585	+	3	4	A.ATELTPEQAAAVKPFDRVVVTGR.F	27
PLOG+4278	proteomics_log	1676517	1676567	+	3	7	A.ATELTPEQAAAVKPFDR.V	21
PLOG+4279	proteomics_log	1676568	1676624	+	3	19	R.VVVTGRFNAIGEAVKAVSR.R	23
PLOG+4280	proteomics_log	1676586	1676612	+	3	18	R.FNAIGEAVK.A	13
PLOG+4281	proteomics_log	1676586	1676624	+	3	34	R.FNAIGEAVKAVSR.R	17
PLOG+4282	proteomics_log	1676625	1676699	+	3	15	R.RADKEGAASFYVVDTSDFGNSGNWR.V	29
PLOG+4283	proteomics_log	1676700	1676756	+	3	3	R.VVADLYKADAEKAEETS.NR.V	23
PLOG+4284	proteomics_log	1676721	1676756	+	3	7	K.ADAEKAEETS.NR.V	16
PLOG+4285	proteomics_log	1676757	1676843	+	3	41	R.VINGVVELPKDQAVLIEPFDTVTVQGFYR.S	33
PLOG+4286	proteomics_log	1676775	1676843	+	3	28	V.ELPKDQAVLIEPFDTVTVQGFYR.S	27
PLOG+4287	proteomics_log	1676844	1676891	+	3	2	R.SQPEVNDAITKAAKAK.G	20
PLOG+4288	proteomics_log	1676844	1676885	+	3	21	R.SQPEVNDAITKAAK.A	18
PLOG+4289	proteomics_log	1676844	1676876	+	3	22	R.SQPEVNDAITK.A	15
PLOG+4290	proteomics_log	1676886	1676918	+	3	29	K.AKGAYSFYIVR.Q	15
PLOG+4291	proteomics_log	1676892	1676918	+	3	58	K.GAYSFYIVR.Q	13
PLOG+4292	proteomics_log	1676919	1676951	+	3	197	R.QIDANQGGNQR.I	15
PLOG+4293	proteomics_log	1676952	1676990	+	3	5	R.ITAFIYKKDAKKR.I	17
PLOG+4294	proteomics_log	1676952	1676975	+	3	12	R.ITAFIYKK.D	12
PLOG+4295	proteomics_log	1676952	1676984	+	3	17	R.ITAFIYKKDAK.K	15
PLOG+4296	proteomics_log	1676985	1677071	+	3	2	K.KRIVQSPDVIPADSEAGRAALAAGGEAAK.K	33
PLOG+4297	proteomics_log	1676985	1677038	+	3	4	K.KRIVQSPDVIPADSEAGR.A	22
PLOG+4298	proteomics_log	1676991	1677038	+	3	40	R.IVQSPDVIPADSEAGR.A	20
PLOG+4299	proteomics_log	1677039	1677128	+	3	7	R.AALAAGGEAAKKVEIPGVATTASPSSEVGR.F	34
PLOG+4300	proteomics_log	1677039	1677074	+	3	7	R.AALAAGGEAAK.V	16
PLOG+4301	proteomics_log	1677039	1677071	+	3	23	R.AALAAGGEAAK.K	15
PLOG+4302	proteomics_log	1677072	1677128	+	3	8	K.KVEIPGVATTASPSSEVGR.F	23
PLOG+4303	proteomics_log	1677162	1677248	+	3	8	R.YTVTLPDGTVKEELNKATAAMMVPFDSIK.F	33
PLOG+4304	proteomics_log	1677210	1677248	+	3	8	K.ATAAMMVPFDSIK.F	17
PLOG+4305	proteomics_log	1677249	1677299	+	3	4	K.FSGNYGNMTEVSYQVAK.R	21
PLOG+4306	proteomics_log	1677324	1677392	+	3	2	K.YYHITRQWQERGNLLTVSADLYK.-	27
PLOG+4307	proteomics_log	1677357	1677392	+	3	36	R.GNNLTVSADLYK.-	16
PLOG+4308	proteomics_log	1680252	1680281	+	3	6	K.HDMQVTVEPR.G	14
PLOG+4309	proteomics_log	1682933	1683028	+	2	2	S.GYRCPATEREVKNQTSGEGAADCPRVQRRSK.T	36
PLOG+4310	proteomics_log	1686609	1686647	+	3	14	K.LINSVQNYAWGSK.T	17
PLOG+4311	proteomics_log	1686648	1686728	+	3	39	K.TALTELYGMENPSSQPMaelWmGAHPK.S	31
PLOG+4312	proteomics_log	1686741	1686830	+	3	19	R.VQNAAGDIVSLRDVIESDKSTLLGEAVAKR.F	34
PLOG+4313	proteomics_log	1686741	1686827	+	3	84	R.VQNAAGDIVSLRDVIESDKSTLLGEAVAK.R	33
PLOG+4314	proteomics_log	1686828	1686857	+	3	26	K.RFGELPFLFK.V	14
PLOG+4315	proteomics_log	1686831	1686857	+	3	18	R.FGELPFLFK.V	13
PLOG+4316	proteomics_log	1686972	1687046	+	3	3	R.NYKDPNHKPELVFALTPFLAMNAFR.E	29
PLOG+4317	proteomics_log	1687254	1687319	+	3	29	R.LISEFYPEDSGLFSPLLLNVVK.L	26
PLOG+4318	proteomics_log	1687320	1687421	+	3	22	K.LNPGEAMFLFAETPHAYLQGValeVMANSDNVL.R.A	38
PLOG+4319	proteomics_log	1687440	1687520	+	3	2	K.YIDIPELVANVKFEAKPANQLLTQPVK.Q	31
PLOG+4320	proteomics_log	1687440	1687475	+	3	6	K.YIDIPELVANVK.F	16

PLOG+4321	proteomics_log	1687662	1687748	+	3	4	K.GSQQQLQKPGESAFIAANESPVTVKGHGR.L	33
PLOG+4322	proteomics_log	1688062	1688112	+	1	8	R.GVFSSQLQLLVKPIAGK.E	21
PLOG+4323	proteomics_log	1688062	1688130	+	1	31	R.GVFSSQLQLLVKPIAGKENPWIK.S	27
PLOG+4324	proteomics_log	1688131	1688196	+	1	9	K.SGQSVIFNESVDHGFPLAQLK.K	26
PLOG+4325	proteomics_log	1688197	1688313	+	1	3	K.KLNLIPSMASIQTTLVNNEVSKPLFDMAGETPFEINSR.I	43
PLOG+4326	proteomics_log	1688197	1688283	+	1	48	K.KLNLIPSMASIQTTLVNNEVSKPLFDMAG	33
PLOG+4327	proteomics_log	1688314	1688385	+	1	2	R.IGYSGDSSSDISLKPLNYEQKDEK.V	28
PLOG+4328	proteomics_log	1688386	1688436	+	1	5	K.VAFSGGEFQLNADRDGK.A	21
PLOG+4329	proteomics_log	1688437	1688502	+	1	3	K.AISLSGEAQSGRIDAVNEYNQK.V	26
PLOG+4330	proteomics_log	1688437	1688472	+	1	9	K.AISLSGEAQSGR.I	16
PLOG+4331	proteomics_log	1688473	1688502	+	1	4	R.IDAVNEYNQK.V	14
PLOG+4332	proteomics_log	1688503	1688568	+	1	44	K.VQLTFNNLKTGDSSTLASFGER.V	26
PLOG+4333	proteomics_log	1688515	1688568	+	1	2	T.FNNLKTGDSSTLASFGER.V	22
PLOG+4334	proteomics_log	1688530	1688568	+	1	3	K.TDGSSTLASFGER.V	17
PLOG+4335	proteomics_log	1688569	1688598	+	1	22	R.VGNQKLSLEK.M	14
PLOG+4336	proteomics_log	1688623	1688661	+	1	9	K.ELALLEGMEISGK.S	17
PLOG+4337	proteomics_log	1688887	1688928	+	1	23	K.VTEAFFSALPLMLK.G	18
PLOG+4338	proteomics_log	1688887	1688967	+	1	55	K.VTEAFFSALPLMLKGDVPVITIAPLSWK.N	31
PLOG+4339	proteomics_log	1688929	1688967	+	1	4	K.GDPVITIAPLSWK.N	17
PLOG+4340	proteomics_log	1688968	1689030	+	1	2	K.NSQGESALNLSFLKDPATTK.E	25
PLOG+4341	proteomics_log	1688968	1689066	+	1	6	K.NSQGESALNLSFLKDPATTK.EAPQTLAQEVDR.S	37
PLOG+4342	proteomics_log	1689031	1689066	+	1	19	K.EAPQTLAQEVDR.S	16
PLOG+4343	proteomics_log	1689067	1689141	+	1	3	R.SVKSLDAKLTIIPVDMATEFMTQVAK.L	29
PLOG+4344	proteomics_log	1689076	1689141	+	1	2	K.SLDAKLTIIPVDMATEFMTQVAK.L	26
PLOG+4345	proteomics_log	1689076	1689183	+	1	2	K.SLDAKLTIIPVDMATEFMTQVAKLEGYQEDQAKKLAK.Q	40
PLOG+4346	proteomics_log	1689076	1689171	+	1	3	K.SLDAKLTIIPVDMATEFMTQVAKLEGYQEDQAK.K	36
PLOG+4347	proteomics_log	1689091	1689183	+	1	2	K.LTIIPVDMATEFMTQVAKLEGYQEDQAKKLAK.Q	35
PLOG+4348	proteomics_log	1689091	1689171	+	1	4	K.LTIIPVDMATEFMTQVAKLEGYQEDQAK.K	31
PLOG+4349	proteomics_log	1689091	1689141	+	1	75	K.LTIIPVDMATEFMTQVAK.L	21
PLOG+4350	proteomics_log	1689127	1689171	+	1	5	M.TQVAKLEGYQEDQAK.K	19
PLOG+4351	proteomics_log	1689142	1689171	+	1	3	K.LEGYQEDQAK.K	14
PLOG+4352	proteomics_log	1689142	1689174	+	1	7	K.LEGYQEDQAKK.L	15
PLOG+4353	proteomics_log	1689184	1689225	+	1	11	K.QQVEGASAMGQMFR.L	18
PLOG+4354	proteomics_log	1689226	1689303	+	1	41	R.LTTLQDNTITTSLQYANGQITLNGQK.M	30
PLOG+4355	proteomics_log	1689304	1689381	+	1	33	K.MSLEDVFGMFAMPALNVPVPAIPQQ.-	30
PLOG+4356	proteomics_log	1700344	1700442	+	1	9	R.QYNISLPAQSLETLIPHVQVIANEPDLVSFLT.L	37
PLOG+4357	proteomics_log	1700551	1700628	+	1	3	R.FSPGYMAMAHQLPVAGVVEAVIDGVR.E	30
PLOG+4358	proteomics_log	1701073	1701162	+	1	3	R.ASINTDDPGVQGVDDIIHEYVAAPAAGLSR.E	34
PLOG+4359	proteomics_log	1706704	1706733	+	1	3	R.KAAVEAAIAR.A	14
PLOG+4360	proteomics_log	1707915	1707959	+	3	4	S.NAGVMRNVLVLR.N	19
PLOG+4361	proteomics_log	1708588	1708638	+	1	4	R.VTEHHETPGLGDKIELR.L	21
PLOG+4362	proteomics_log	1711597	1711674	+	1	5	K.GAARRKMIVAFILMLEAIIFFVLYSQ.M	30
PLOG+4363	proteomics_log	1712458	1712502	+	1	7	R.ESGKDFTLVSVLDMK.K	19
PLOG+4364	proteomics_log	1712506	1712547	+	1	4	K.RLENGDDYFAVNP.K	18
PLOG+4365	proteomics_log	1712509	1712547	+	1	13	R.LENGDDYFAVNP.K	17
PLOG+4366	proteomics_log	1712548	1712673	+	1	5	K.GQVPALLLDDGTLLEGVAIM*QYLADSVDPDRQLLAPVNSISR.Y	47

PLOG+4367	proteomics_log	1712548	1712640	+	1	14	K.GQVPALLLDDGTLLEGVAIM*QYLADSVPR.Q	36
PLOG+4368	proteomics_log	1712548	1712673	+	1	70	K.GQVPALLLDDGTLLEGVAIMQYLADSVPRQLLAPVNSISR.Y	46
PLOG+4369	proteomics_log	1712548	1712640	+	1	105	K.GQVPALLLDDGTLLEGVAIMQYLADSVPR.Q	35
PLOG+4370	proteomics_log	1712674	1712721	+	1	37	R.YKTIEWLNLIATELHK.G	20
PLOG+4371	proteomics_log	1712680	1712721	+	1	7	K.TIEWLNLIATELHK.G	18
PLOG+4372	proteomics_log	1712722	1712778	+	1	15	K.GFTPLFRPDTPEEYKPTVR.A	23
PLOG+4373	proteomics_log	1712851	1712889	+	1	8	R.FTIADAYLFTVLR.W	17
PLOG+4374	proteomics_log	1712851	1712952	+	1	21	R.FTIADAYLFTVLRWAYAVKLNLEGLEHIAAFMQR.M	38
PLOG+4375	proteomics_log	1712908	1712952	+	1	4	K.LNLEGLEHIAAFMQR.M	19
PLOG+4376	proteomics_log	1712953	1713003	+	1	35	R.MAERPEVQDALSAEGLK.-	21
PLOG+4377	proteomics_log	1718152	1718250	+	1	84	R.SLATAAGAVAGGVAGQGVQVSAMNKTQGVELEIR.K	37
PLOG+4378	proteomics_log	1718152	1718223	+	1	143	R.SLATAAGAVAGGVAGQGVQVSAMNK.T	28
PLOG+4379	proteomics_log	1718224	1718250	+	1	7	K.TQGVELEIR.K	13
PLOG+4380	proteomics_log	1718251	1718301	+	1	2	R.KDDGNTIMVVQKQGNT.R.F	21
PLOG+4381	proteomics_log	1718251	1718286	+	1	4	R.KDDGNTIM*VVQK.Q	17
PLOG+4382	proteomics_log	1718251	1718286	+	1	30	R.KDDGNTIMVVQK.Q	16
PLOG+4383	proteomics_log	1718254	1718286	+	1	3	K.DDGNTIM*VVQK.Q	16
PLOG+4384	proteomics_log	1718254	1718286	+	1	4	K.DDGNTIMVVQK.Q	15
PLOG+4385	proteomics_log	1718287	1718364	+	1	5	K.QGNTRFSPGQRVVLASNGSQVTVSPR.-	30
PLOG+4386	proteomics_log	1718302	1718364	+	1	27	R.FSPGQRVVLASNGSQVTVSPR.-	25
PLOG+4387	proteomics_log	1718320	1718364	+	1	133	R.VVLASNGSQVTVSPR.-	19
PLOG+4388	proteomics_log	1721468	1721524	+	2	6	L.LFLFPLLATMQLLKLQM*PK.F	24
PLOG+4389	proteomics_log	1724686	1724742	+	1	4	M.SSEKLYSPLKVGAITAANR.I	23
PLOG+4390	proteomics_log	1724716	1724742	+	1	3	K.VGAITAANR.I	13
PLOG+4391	proteomics_log	1724773	1724823	+	1	3	R.SIEPGDIPTPLMAEYR.Q	21
PLOG+4392	proteomics_log	1725004	1725075	+	1	14	R.ISHASLQGGQAPVAPSALSAGTR.T	28
PLOG+4393	proteomics_log	1725133	1725177	+	1	9	R.ALELEEIPGIVNDFR.Q	19
PLOG+4394	proteomics_log	1725133	1725198	+	1	16	R.ALELEEIPGIVNDFRQAIANAR.E	26
PLOG+4395	proteomics_log	1725385	1725471	+	1	4	R.VSPIGTFQNTDNGPNEEADALYLIEQLGK.R	33
PLOG+4396	proteomics_log	1725385	1725474	+	1	12	R.VSPIGTFQNTDNGPNEEADALYLIEQLGKR.G	34
PLOG+4397	proteomics_log	1725556	1725627	+	1	2	R.ARFHGPIIGAGAYTVEKAETLIGK.G	28
PLOG+4398	proteomics_log	1725628	1725690	+	1	6	K.GLIDAVAFGRDWIANPDLVAR.L	25
PLOG+4399	proteomics_log	1725724	1725777	+	1	2	R.AESFYGGGAEGYTDYPTL.-	22
PLOG+4400	proteomics_log	1725906	1725950	+	3	5	R.SIDFYTKVGLGMKLLR.T	19
PLOG+4401	proteomics_log	1725906	1725926	+	3	6	R.SIDFYTK.V	11
PLOG+4402	proteomics_log	1725906	1725941	+	3	32	R.SIDFYTKVGLGMK.L	16
PLOG+4403	proteomics_log	1725951	1725974	+	3	6	R.TSENPEYK.Y	12
PLOG+4404	proteomics_log	1726125	1726154	+	3	27	K.IRQNGGNVTR.E	14
PLOG+4405	proteomics_log	1726155	1726241	+	3	14	R.EAGPVKGGTTVIAFVEDPDGYKIELIEEK.D	33
PLOG+4406	proteomics_log	1726467	1726505	+	3	2	K.TDALLEIAAITLK.M	17
PLOG+4407	proteomics_log	1726686	1726790	+	3	2	K.GIKASGCNRAIMVAHNANFDHSFM*M*AAAERASLKR.N	41
PLOG+4408	proteomics_log	1726776	1726868	+	3	4	R.ASLKRNPFPFATFDTAALAGLALGQTVLSK.A	35
PLOG+4409	proteomics_log	1733405	1733437	+	2	52	M.SFELPALPYAK.D	15
PLOG+4410	proteomics_log	1733438	1733491	+	2	4	K.DALAPHISAETIEYHYGK.H	22
PLOG+4411	proteomics_log	1733492	1733533	+	2	5	K.HHQTYVTNLNLLIK.G	18
PLOG+4412	proteomics_log	1733555	1733575	+	2	2	K.SLEEIR.S	11



PLOG+4413	proteomics_log	1733678	1733725	+	2	9	K.VAEIAASFGSFADFK.A	20
PLOG+4414	proteomics_log	1733726	1733785	+	2	7	K.AQFTDAAIKNFGSGWTWLVK.N	24
PLOG+4415	proteomics_log	1733801	1733905	+	2	5	K.LAIVSTSNAGTPLTTDATPLLTVDVWEHAYYIDYR.N	39
PLOG+4416	proteomics_log	1733906	1733968	+	2	68	R.NARPGYLEHFVALVNWFEVAK.N	25
PLOG+4417	proteomics_log	1735871	1735897	+	2	4	M.ATIKDVAKR.A	13
PLOG+4418	proteomics_log	1735895	1735939	+	2	3	K.RANVSTTTVSHVINK.T	19
PLOG+4419	proteomics_log	1735895	1735945	+	2	24	K.RANVSTTTVSHVINKTR.F	21
PLOG+4420	proteomics_log	1735898	1735945	+	2	2	R.ANVSTTTVSHVINKTR.F	20
PLOG+4421	proteomics_log	1735898	1735939	+	2	6	R.ANVSTTTVSHVINK.T	18
PLOG+4422	proteomics_log	1735967	1736023	+	2	8	R.NAVWAAIKELHYSPSAVAR.S	23
PLOG+4423	proteomics_log	1736048	1736116	+	2	11	K.SIGLLATSSEAAAYFAEIIIEAVEK.N	27
PLOG+4424	proteomics_log	1736132	1736176	+	2	3	K.GYTLILGNAWNLEK.Q	19
PLOG+4425	proteomics_log	1736321	1736380	+	2	7	K.ADFTDAVIDNAFEGGYM*AGR.Y	25
PLOG+4426	proteomics_log	1736321	1736380	+	2	8	K.ADFTDAVIDNAFEGGYMAGR.Y	24
PLOG+4427	proteomics_log	1736396	1736437	+	2	5	R.GHREIGVIPGLER.N	18
PLOG+4428	proteomics_log	1736474	1736551	+	2	5	K.AMEEAMIKVPESWIVQDFEPESGYR.A	30
PLOG+4429	proteomics_log	1736711	1736749	+	2	3	R.YFTPALTTIHQPK.D	17
PLOG+4430	proteomics_log	1736711	1736791	+	2	131	R.YFTPALTTIHQPKDSLGETAFNMLLDR.I	31
PLOG+4431	proteomics_log	1736750	1736791	+	2	25	K.DSLGETAFNMLLDR.I	18
PLOG+4432	proteomics_log	1736792	1736839	+	2	59	R.IVNKREEPQSIEVHPR.L	20
PLOG+4433	proteomics_log	1739491	1739514	+	1	6	R.IANELLSR.A	12
PLOG+4434	proteomics_log	1739515	1739556	+	1	2	R.AGIAINGSAPADIR.V	18
PLOG+4435	proteomics_log	1739671	1739727	+	1	4	K.VLRAGLENQLPHHFKDTLR.I	23
PLOG+4436	proteomics_log	1744940	1744975	+	2	16	R.LKNLGVVEEVVAK.V	16
PLOG+4437	proteomics_log	1744940	1745026	+	2	45	R.LKNLGVVEEVVAKVFDVNEPLSQINQAKLA.-	33
PLOG+4438	proteomics_log	1744940	1745020	+	2	70	R.LKNLGVVEEVVAKVFDVNEPLSQINQAK.L	31
PLOG+4439	proteomics_log	1744946	1745020	+	2	4	K.NLGVVEEVVAKVFDVNEPLSQINQAK.L	29
PLOG+4440	proteomics_log	1744946	1745026	+	2	9	K.NLGVVEEVVAKVFDVNEPLSQINQAKLA.-	31
PLOG+4441	proteomics_log	1744976	1745026	+	2	2	K.VFDVNEPLSQINQAKLA.-	21
PLOG+4442	proteomics_log	1744976	1745020	+	2	28	K.VFDVNEPLSQINQAK.L	19
PLOG+4443	proteomics_log	1753737	1753760	+	3	2	K.IVCTIGPK.T	12
PLOG+4444	proteomics_log	1753737	1753817	+	3	7	K.IVCTIGPKTESEEMLAKMLDAGMVMR.L	31
PLOG+4445	proteomics_log	1753737	1753787	+	3	10	K.IVCTIGPKTESEEMLAK.M	21
PLOG+4446	proteomics_log	1753761	1753787	+	3	2	K.TESEEM*LAK.M	14
PLOG+4447	proteomics_log	1753761	1753787	+	3	39	K.TESEEMLAK.M	13
PLOG+4448	proteomics_log	1753788	1753817	+	3	2	K.MLDAGM*NVM*R.L	16
PLOG+4449	proteomics_log	1753788	1753817	+	3	5	K.MLDAGM*NVMR.L	15
PLOG+4450	proteomics_log	1753788	1753817	+	3	2	K.M*LDAGM*NVM*R.L	17
PLOG+4451	proteomics_log	1753788	1753859	+	3	6	K.MLDAGMNMRLNFSHG DYAEHGQR.I	28
PLOG+4452	proteomics_log	1753788	1753817	+	3	9	K.MLDAGMNM*R.L	15
PLOG+4453	proteomics_log	1753788	1753817	+	3	10	K.M*LDAGMNMV.R.L	15
PLOG+4454	proteomics_log	1753788	1753817	+	3	233	K.MLDAGMNMV.R.L	14
PLOG+4455	proteomics_log	1753818	1753874	+	3	17	R.LNFSHG DYAEHGQR.I	23
PLOG+4456	proteomics_log	1753818	1753859	+	3	258	R.LNFSHG DYAEHGQR.I	18
PLOG+4457	proteomics_log	1753860	1753898	+	3	2	R.IQNLRNVM SKTGK.T	17
PLOG+4458	proteomics_log	1753860	1753889	+	3	3	R.IQNLRNVM*SK.T	15

PLOG+4459	proteomics_log	1753860	1753889	+	3	6	R.IQNLRNVMSK.T	14
PLOG+4460	proteomics_log	1753860	1753940	+	3	10	R.IQNLRNVMSKTGKTAAILLDTKGPEIR.T	31
PLOG+4461	proteomics_log	1753875	1753940	+	3	7	R.NVM*SKTGKTAAILLDTKGPEIR.T	27
PLOG+4462	proteomics_log	1753875	1753940	+	3	60	R.NVMSKTGKTAAILLDTKGPEIR.T	26
PLOG+4463	proteomics_log	1753890	1753925	+	3	7	K.TGKTAAILLDTK.G	16
PLOG+4464	proteomics_log	1753890	1753940	+	3	310	K.TGKTAAILLDTKGPEIR.T	21
PLOG+4465	proteomics_log	1753899	1753925	+	3	4	K.TAAILLDTK.G	13
PLOG+4466	proteomics_log	1753899	1753940	+	3	288	K.TAAILLDTKGPEIR.T	18
PLOG+4467	proteomics_log	1753941	1753979	+	3	4	R.TM*KLEGGNDVSLK.A	18
PLOG+4468	proteomics_log	1753941	1753979	+	3	13	R.TMKLEGGNDVSLK.A	17
PLOG+4469	proteomics_log	1753950	1753979	+	3	3	K.LEGGNDVSLK.A	14
PLOG+4470	proteomics_log	1754157	1754240	+	3	18	K.VLNNGDLGENKGVNLPGVSIALPALAEK.D	32
PLOG+4471	proteomics_log	1754157	1754189	+	3	26	K.VLNNGDLGENK.G	15
PLOG+4472	proteomics_log	1754190	1754240	+	3	3	K.GVNLPGVSIALPALAEK.D	21
PLOG+4473	proteomics_log	1754307	1754333	+	3	2	R.KRSDVIEIR.E	13
PLOG+4474	proteomics_log	1754310	1754333	+	3	2	K.RSDVIEIR.E	12
PLOG+4475	proteomics_log	1754310	1754345	+	3	3	K.RSDVIEIREHLK.A	16
PLOG+4476	proteomics_log	1754313	1754345	+	3	29	R.SDVIEIREHLK.A	15
PLOG+4477	proteomics_log	1754346	1754381	+	3	27	K.AHGGENIHIISK.I	16
PLOG+4478	proteomics_log	1754382	1754453	+	3	12	K.IENQEGLNNFDEILEASDGIM*VAR.G	29
PLOG+4479	proteomics_log	1754382	1754453	+	3	180	K.IENQEGLNNFDEILEASDGIMVAR.G	28
PLOG+4480	proteomics_log	1754454	1754495	+	3	2	R.GDLGVEIPVEEVIF.A	18
PLOG+4481	proteomics_log	1754454	1754504	+	3	558	R.GDLGVEIPVEEVIFAQK.M	21
PLOG+4482	proteomics_log	1754535	1754588	+	3	2	R.KVVITATQMLDSMIKNPR.P	22
PLOG+4483	proteomics_log	1754535	1754597	+	3	2	R.KVVITATQM*LDSM*IKNPRPTR.A	27
PLOG+4484	proteomics_log	1754535	1754579	+	3	22	R.KVVITATQMLDSMIK.N	19
PLOG+4485	proteomics_log	1754535	1754597	+	3	23	R.KVVITATQMLDSMIKNPRPTR.A	25
PLOG+4486	proteomics_log	1754568	1754672	+	3	3	D.SMIKNPRPTRAEAGDVANAILDGTDAVMLSGESAK.G	39
PLOG+4487	proteomics_log	1754598	1754672	+	3	9	R.AEAGDVANAILDGTDAVM*LSGESAK.G	30
PLOG+4488	proteomics_log	1754598	1754672	+	3	69	R.AEAGDVANAILDGTDAVMLSGESAK.G	29
PLOG+4489	proteomics_log	1754673	1754723	+	3	7	K.GKYPLEAVSIMATICER.T	21
PLOG+4490	proteomics_log	1754733	1754774	+	3	2	R.VM*NSRLEFNNDNRK.L	19
PLOG+4491	proteomics_log	1754733	1754771	+	3	3	R.VMNSRLEFNNDNR.K	17
PLOG+4492	proteomics_log	1754748	1754771	+	3	80	R.LEFNNDNR.K	12
PLOG+4493	proteomics_log	1754775	1754804	+	3	2	K.LRITEAVCRG.A	14
PLOG+4494	proteomics_log	1754781	1754876	+	3	2	R.ITEAVCRGAVETAEKLDAPLIVVATQGGKSAR.A	36
PLOG+4495	proteomics_log	1754781	1754867	+	3	5	R.ITEAVCRGAVETAEKLDAPLIVVATQGGK.S	33
PLOG+4496	proteomics_log	1754802	1754894	+	3	35	R.GAVETAEKLDAPLIVVATQGGKSARAVRKYF.P	35
PLOG+4497	proteomics_log	1754802	1754876	+	3	218	R.GAVETAEKLDAPLIVVATQGGKSAR.A	29
PLOG+4498	proteomics_log	1754802	1754867	+	3	398	R.GAVETAEKLDAPLIVVATQGGK.S	26
PLOG+4499	proteomics_log	1754826	1754867	+	3	22	K.LDAPLIVVATQGGK.S	18
PLOG+4500	proteomics_log	1754877	1754960	+	3	4	R.AVRKYFPDATILALTTNEKTAHQVLVLSK.G	32
PLOG+4501	proteomics_log	1754877	1754933	+	3	4	R.AVRKYFPDATILALTTNEK.T	23
PLOG+4502	proteomics_log	1754886	1754960	+	3	140	R.KYFPDATILALTTNEKTAHQVLVLSK.G	29
PLOG+4503	proteomics_log	1754886	1754933	+	3	142	R.KYFPDATILALTTNEK.T	20
PLOG+4504	proteomics_log	1754889	1754933	+	3	84	K.YFPDATILALTTNEK.T	19

PLOG+4505	proteomics_log	1754934	1754984	+	3	2	K.TAHQLVLSKGVVPQLVK.E	21
PLOG+4506	proteomics_log	1754934	1755014	+	3	9	K.TAHQLVLSKGVVPQLVKEITSTDDFYR.L	31
PLOG+4507	proteomics_log	1754934	1754960	+	3	160	K.TAHQLVLSK.G	13
PLOG+4508	proteomics_log	1754961	1755023	+	3	2	K.GVVPQLVKEITSTDDFYRLGK.E	25
PLOG+4509	proteomics_log	1754961	1755014	+	3	191	K.GVVPQLVKEITSTDDFYR.L	22
PLOG+4510	proteomics_log	1754985	1755014	+	3	6	K.EITSTDDFYR.L	14
PLOG+4511	proteomics_log	1755015	1755056	+	3	2	R.LGKELALQSGLAHK.G	18
PLOG+4512	proteomics_log	1755015	1755131	+	3	30	R.LGKELALQSGLAHKGDVVMVSGALVPSGTTNTASVHVL.-	43
PLOG+4513	proteomics_log	1755523	1755564	+	1	20	K.IDQLSSDVQTLNAK.V	18
PLOG+4514	proteomics_log	1755565	1755600	+	1	7	K.VDQLSNDVNAM*R.S	17
PLOG+4515	proteomics_log	1755565	1755600	+	1	96	K.VDQLSNDVNAMR.S	16
PLOG+4516	proteomics_log	1755601	1755648	+	1	37	R.SDVQAAKDDAARANQR.L	20
PLOG+4517	proteomics_log	1755601	1755636	+	1	154	R.SDVQAAKDDAAR.A	16
PLOG+4518	proteomics_log	1755637	1755666	+	1	2	R.ANQRLDNMAT.K	14
PLOG+4519	proteomics_log	1755637	1755669	+	1	4	R.ANQRLDNM*ATK.Y	16
PLOG+4520	proteomics_log	1755637	1755678	+	1	11	R.ANQRLDNMATKYRK.-	18
PLOG+4521	proteomics_log	1755637	1755669	+	1	64	R.ANQRLDNMATK.Y	15
PLOG+4522	proteomics_log	1755649	1755678	+	1	7	R.LDNMATKYRK.-	14
PLOG+4523	proteomics_log	1755649	1755669	+	1	32	R.LDNMATK.Y	11
PLOG+4524	proteomics_log	1772179	1772268	+	1	4	I.KGKTMVLLGAGGASTAIGAQAIEGLKEIK.L	34
PLOG+4525	proteomics_log	1772710	1772760	+	1	21	K.MKTVTVKDLVIGTGAPK.I	21
PLOG+4526	proteomics_log	1772908	1772955	+	1	21	K.ILRETMPEKPLLFTR.S	20
PLOG+4527	proteomics_log	1773016	1773120	+	1	12	R.AAIDSGLVDMIDLELFTGDDQVKETVAYAHAHDVK.V	39
PLOG+4528	proteomics_log	1773220	1773330	+	1	37	K.IALMPQSTSDVLTLLAATLEMQEYADRPIITMSMAK.T	41
PLOG+4529	proteomics_log	1773349	1773396	+	1	6	R.LAGEVFGSAATFGAVK.K	20
PLOG+4530	proteomics_log	1773400	1773438	+	1	4	K.ASAPGQISVNDLR.T	17
PLOG+4531	proteomics_log	1773439	1773465	+	1	25	R.TVLTILHQA.-	13
PLOG+4532	proteomics_log	1785856	1785906	+	1	5	R.IAAIDYTLAHDGSLR.N	21
PLOG+4533	proteomics_log	1785907	1785948	+	1	5	R.NLDQAQVILLGVSR.C	18
PLOG+4534	proteomics_log	1786492	1786575	+	1	9	R.IESLVTPAELALRYPVTPGVATHVTDSR.R	32
PLOG+4535	proteomics_log	1786837	1786950	+	1	6	R.KLLLQVNELGVPTATEFLDMVTGQFIADLISWGAIGAR.T	42
PLOG+4536	proteomics_log	1787326	1787373	+	1	2	R.NGSTAIAGIM*AESFLR.E	21
PLOG+4537	proteomics_log	1787326	1787373	+	1	23	R.NGSTAIAGIMAESFLR.E	20
PLOG+4538	proteomics_log	1794946	1794993	+	1	2	R.QRAKERAFQQHVLFCV.I	20
PLOG+4539	proteomics_log	1804403	1804480	+	2	4	R.IYTLTLAPSLDSATITPQIYPEGKLR.C	30
PLOG+4540	proteomics_log	1804403	1804474	+	2	21	R.IYTLTLAPSLDSATITPQIYPEGK.L	28
PLOG+4541	proteomics_log	1804838	1804867	+	2	2	K.LTQLISAAQK.Q	14
PLOG+4542	proteomics_log	1805012	1805044	+	2	2	R.KAAQEIVNSGK.A	15
PLOG+4543	proteomics_log	1805015	1805053	+	2	2	K.AAQEIVNSGKAKR.V	17
PLOG+4544	proteomics_log	1805015	1805044	+	2	3	K.AAQEIVNSGK.A	14
PLOG+4545	proteomics_log	1805189	1805224	+	2	4	K.LAENASLEEMVR.F	16
PLOG+4546	proteomics_log	1805225	1805272	+	2	12	R.FGVAAGSAATLNQGTR.L	20
PLOG+4547	proteomics_log	1809879	1809923	+	3	3	R.SSAASIPLNVEAQTR.R	19
PLOG+4548	proteomics_log	1810305	1810346	+	3	5	K.AILDSEDDAELAAH.-	18
PLOG+4549	proteomics_log	1812074	1812151	+	2	2	R.NEKLNSLEDVRKGSENYALTTNQGVR.I	30
PLOG+4550	proteomics_log	1812074	1812106	+	2	2	R.NEKLNSLEDVR.K	15

PLOG+4551	proteomics_log	1812107	1812151	+	2	5	R.KGSENYALTTNQGVR.I	19
PLOG+4552	proteomics_log	1812152	1812178	+	2	31	R.IADDQNSLR.A	13
PLOG+4553	proteomics_log	1812179	1812229	+	2	17	R.AGSRGPTLLEDFILREK.I	21
PLOG+4554	proteomics_log	1812179	1812223	+	2	32	R.AGSRGPTLLEDFILR.E	19
PLOG+4555	proteomics_log	1812191	1812229	+	2	2	R.GPTLLEDFILREK.I	17
PLOG+4556	proteomics_log	1812191	1812223	+	2	18	R.GPTLLEDFILR.E	15
PLOG+4557	proteomics_log	1812230	1812253	+	2	4	K.ITHFDHER.I	12
PLOG+4558	proteomics_log	1812281	1812385	+	2	2	R.GSAAHGYFQPYKSLSDITKADFLSDPNKITPVFVR.F	39
PLOG+4559	proteomics_log	1812281	1812316	+	2	4	R.GSAAHGYFQPYK.S	16
PLOG+4560	proteomics_log	1812317	1812337	+	2	2	K.SLSDITK.A	11
PLOG+4561	proteomics_log	1812338	1812385	+	2	14	K.ADFLSDPNKITPVFVR.F	20
PLOG+4562	proteomics_log	1812386	1812430	+	2	16	R.FSTVQGGAGSADTVR.D	19
PLOG+4563	proteomics_log	1812692	1812724	+	2	3	R.TMEFGIHTFR.L	15
PLOG+4564	proteomics_log	1812851	1812964	+	2	2	R.ELWEAIEAGDFPEYELGFQLIPEEDEFKDFDLDLPTK.L	42
PLOG+4565	proteomics_log	1813376	1813417	+	2	4	R.ERSPSFGEYSHPR.L	18
PLOG+4566	proteomics_log	1813382	1813417	+	2	6	R.SPSFGEYSHPR.L	16
PLOG+4567	proteomics_log	1813418	1813453	+	2	16	R.LFWLSQTPFEQR.H	16
PLOG+4568	proteomics_log	1813454	1813489	+	2	11	R.HIVDGFSELSK.V	16
PLOG+4569	proteomics_log	1813511	1813570	+	2	12	R.ERVVDQLAHIDLTLAQAVAK.N	24
PLOG+4570	proteomics_log	1813517	1813570	+	2	43	R.VVDQLAHIDLTLAQAVAK.N	22
PLOG+4571	proteomics_log	1813676	1813726	+	2	5	D.GDVKGRVVAILLNDEVR.S	21
PLOG+4572	proteomics_log	1813694	1813768	+	2	4	R.VVAILLNDEVRSADLLAILKALKAK.G	29
PLOG+4573	proteomics_log	1813694	1813726	+	2	5	R.VVAILLNDEVR.S	15
PLOG+4574	proteomics_log	1813727	1813753	+	2	19	R.SADLLAILK.A	13
PLOG+4575	proteomics_log	1813961	1813996	+	2	3	K.HLKPIALAGDAR.K	16
PLOG+4576	proteomics_log	1814018	1814110	+	2	29	K.IADQGEEGIVEADSADGSFMDLLTLMAHR.V	35
PLOG+4577	proteomics_log	1814123	1814149	+	2	2	R.IPKIDKIPA.-	13
PLOG+4578	proteomics_log	1818832	1818939	+	1	6	-.ASPTLYGVTVINAATDNNPAASASTLRSSASAMPIK.N	40
PLOG+4579	proteomics_log	1820482	1820508	+	1	20	S.MTLQQQIIK.A	13
PLOG+4580	proteomics_log	1820509	1820556	+	1	35	K.ALGAKPQINAEIEIRR.S	20
PLOG+4581	proteomics_log	1820557	1820604	+	1	65	R.SVDFLKSYLQTYPFIK.S	20
PLOG+4582	proteomics_log	1820575	1820604	+	1	32	K.SYLQTYPFIK.S	14
PLOG+4583	proteomics_log	1820605	1820655	+	1	5	K.SLVLGISGGQDSTLAGK.L	21
PLOG+4584	proteomics_log	1820686	1820727	+	1	8	R.LETGNESLQFI AVR.L	18
PLOG+4585	proteomics_log	1820797	1820883	+	1	4	R.VLTVNIKGAVLASEQALREAGIELSDFVR.G	33
PLOG+4586	proteomics_log	1820818	1820907	+	1	4	K.GAVLASEQALREAGIELSDFVRGNEKARER.M	34
PLOG+4587	proteomics_log	1820818	1820901	+	1	8	K.GAVLASEQALREAGIELSDFVRGNEKAR.E	32
PLOG+4588	proteomics_log	1820818	1820883	+	1	23	K.GAVLASEQALREAGIELSDFVR.G	26
PLOG+4589	proteomics_log	1820818	1820850	+	1	31	K.GAVLASEQALR.E	15
PLOG+4590	proteomics_log	1820818	1820895	+	1	116	K.GAVLASEQALREAGIELSDFVRGNEK.A	30
PLOG+4591	proteomics_log	1820851	1820883	+	1	19	R.EAGIELSDFVR.G	15
PLOG+4592	proteomics_log	1820908	1821000	+	1	6	R.M*KAQYSIAGM*TSGVVVGTDHAAEAITGFFTK.Y	37
PLOG+4593	proteomics_log	1820908	1821000	+	1	83	R.MKAQYSIAGMTSGVVVGTDHAAEAITGFFTK.Y	35
PLOG+4594	proteomics_log	1820914	1821000	+	1	53	K.AQYSIAGMTSGVVVGTDHAAEAITGFFTK.Y	33
PLOG+4595	proteomics_log	1820923	1821000	+	1	3	Y.SIAGMTSGVVVGTDHAAEAITGFFTK.Y	30
PLOG+4596	proteomics_log	1821001	1821039	+	1	49	K.YGDGGTDINPLYR.L	17

PLOG+4597	proteomics_log	1821103	1821204	+	1	10	K.KAPTADLEDDRPSLPDEVALGVTYDNIDDYLEGK.N	38
PLOG+4598	proteomics_log	1821229	1821252	+	1	20	R.TIENWYLK.T	12
PLOG+4599	proteomics_log	1821268	1821303	+	1	7	R.RPPITVFDDFWK.K	16
PLOG+4600	proteomics_log	1821268	1821306	+	1	103	R.RPPITVFDDFWKK.-	17
PLOG+4601	proteomics_log	1827342	1827389	+	3	4	H.RQHAVRAMSQARRAVR.H	20
PLOG+4602	proteomics_log	1830452	1830487	+	2	9	T.MKFVSFNINGLR.A	16
PLOG+4603	proteomics_log	1830458	1830487	+	2	2	K.FVSFNINGLR.A	14
PLOG+4604	proteomics_log	1830488	1830523	+	2	16	R.ARPHQLEAIVEK.H	16
PLOG+4605	proteomics_log	1830560	1830598	+	2	5	K.VHDDMFPLEEVAK.L	17
PLOG+4606	proteomics_log	1830632	1830661	+	2	2	K.GHYGVALLTK.E	14
PLOG+4607	proteomics_log	1830722	1830799	+	2	11	R.IIMAEIPSLGNVTVINGYFPQGESR.D	30
PLOG+4608	proteomics_log	1830878	1830955	+	2	4	R.DNPVLIM*GDM*NISPTDLDIGIGEENR.K	32
PLOG+4609	proteomics_log	1831019	1831051	+	2	16	R.LMSWGLVDTFR.H	15
PLOG+4610	proteomics_log	1831205	1831255	+	2	2	R.SM*EKPSDHAPVWATFRR.-	22
PLOG+4611	proteomics_log	1832666	1832785	+	2	2	C.VWIAARSASSAMQHTLM*VRLKNVVKLNSKAM*PQFSRRITR.W	46
PLOG+4612	proteomics_log	1832710	1832733	+	1	3	Y.TYGAVEKR.G	12
PLOG+4613	proteomics_log	1834304	1834333	+	2	14	R.LADAADAVKR.I	14
PLOG+4614	proteomics_log	1834334	1834363	+	2	2	R.IQTEAAAGRK.T	14
PLOG+4615	proteomics_log	1838322	1838390	+	3	2	K.AEPDFGVKIPAPQLMLDMEQAR.G	27
PLOG+4616	proteomics_log	1838508	1838573	+	3	2	R.WGHAGSDSTHMEDFHNPDTMR.S	26
PLOG+4617	proteomics_log	1840395	1840445	+	3	2	S.MDQTYLESFLNHVQKR.D	21
PLOG+4618	proteomics_log	1840395	1840481	+	3	4	S.M*DQTYLESFLNHVQKRDPNQTEFAQAVR.E	34
PLOG+4619	proteomics_log	1840395	1840442	+	3	24	S.MDQTYLESFLNHVQK.R	20
PLOG+4620	proteomics_log	1840395	1840481	+	3	27	S.MDQTYLESFLNHVQKRDPNQTEFAQAVR.E	33
PLOG+4621	proteomics_log	1840428	1840526	+	3	2	L.NHVQKRDPNQTEFAQAVREVMTTLWPFLEQNP.K.Y	37
PLOG+4622	proteomics_log	1840443	1840526	+	3	4	K.RDPNQTEFAQAVREVMTTLWPFLEQNP.K.Y	32
PLOG+4623	proteomics_log	1840443	1840481	+	3	14	K.RDPNQTEFAQAVR.E	17
PLOG+4624	proteomics_log	1840446	1840526	+	3	9	R.DPNQTEFAQAVREVMTTLWPFLEQNP.K.Y	31
PLOG+4625	proteomics_log	1840446	1840532	+	3	9	R.DPNQTEFAQAVREVMTTLWPFLEQNP.K.Y	33
PLOG+4626	proteomics_log	1840446	1840481	+	3	17	R.DPNQTEFAQAVR.E	16
PLOG+4627	proteomics_log	1840482	1840532	+	3	3	R.EVMTTLWPFLEQNP.K.Y	21
PLOG+4628	proteomics_log	1840482	1840526	+	3	65	R.EVMTTLWPFLEQNP.K.Y	19
PLOG+4629	proteomics_log	1840638	1840682	+	3	4	R.VQFSSAIGPYKGGMR.F	19
PLOG+4630	proteomics_log	1840638	1840670	+	3	9	R.VQFSSAIGPYK.G	15
PLOG+4631	proteomics_log	1840683	1840778	+	3	13	R.FHPSVNLKILKFLGFEQTFKNALTTLPMGGGK.G	36
PLOG+4632	proteomics_log	1840716	1840742	+	3	3	K.FLGFEQTFK.N	13
PLOG+4633	proteomics_log	1840743	1840778	+	3	4	K.NALTTLPMGGGK.G	16
PLOG+4634	proteomics_log	1840803	1840829	+	3	6	K.GKSEGEVMR.F	13
PLOG+4635	proteomics_log	1840863	1840946	+	3	8	R.HLGADTDVPAGDIGVGGREVFAGMMK.K	32
PLOG+4636	proteomics_log	1840863	1840916	+	3	33	R.HLGADTDVPAGDIGVGGR.E	22
PLOG+4637	proteomics_log	1840947	1840985	+	3	2	K.KLSNNTACVFTGK.G	17
PLOG+4638	proteomics_log	1840947	1840988	+	3	7	K.KLSNNTACVFTGK.G.L	18
PLOG+4639	proteomics_log	1840986	1841069	+	3	2	K.GLSFGGSLIRPEATGYGLVYFTEAM*LKR.H	33
PLOG+4640	proteomics_log	1840986	1841066	+	3	57	K.GLSFGGSLIRPEATGYGLVYFTEAMLK.R	31
PLOG+4641	proteomics_log	1840986	1841069	+	3	184	K.GLSFGGSLIRPEATGYGLVYFTEAMLKR.H	32
PLOG+4642	proteomics_log	1841070	1841165	+	3	2	R.HGMGFEGMRVSVSGSNVAQYAIKAMEFGAR.V	36

PLOG+4643	proteomics_log	1841070	1841096	+	3	50	R.HGMGFEGMR.V	13
PLOG+4644	proteomics_log	1841076	1841144	+	3	2	G.MGFEGMRVSVSGSNVAQYAIK.A	27
PLOG+4645	proteomics_log	1841097	1841165	+	3	2	R.VSVSGSNVAQYAIKAM*EFGAR.V	28
PLOG+4646	proteomics_log	1841097	1841165	+	3	62	R.VSVSGSNVAQYAIKAMEFGAR.V	27
PLOG+4647	proteomics_log	1841097	1841144	+	3	151	R.VSVSGSNVAQYAIK.A	20
PLOG+4648	proteomics_log	1841166	1841222	+	3	14	R.VITASDSSGTVVDESFTK.E	23
PLOG+4649	proteomics_log	1841166	1841237	+	3	63	R.VITASDSSGTVVDESFTKEKLAR.L	28
PLOG+4650	proteomics_log	1841166	1841228	+	3	78	R.VITASDSSGTVVDESFTKEK.L	25
PLOG+4651	proteomics_log	1841238	1841270	+	3	3	R.LIEIKASRDGR.V	15
PLOG+4652	proteomics_log	1841238	1841261	+	3	5	R.LIEIKASR.D	12
PLOG+4653	proteomics_log	1841418	1841564	+	3	3	K.AVAEGANM*PTTIEATELFQQAGVLFAPGKAANAGGVATSGLEMAQNAAR.L	54
PLOG+4654	proteomics_log	1841418	1841564	+	3	4	K.AVAEGANMPTTIEATELFQQAGVLFAPGKAANAGGVATSGLEM*AQNAAR.L	54
PLOG+4655	proteomics_log	1841418	1841564	+	3	3	K.AVAEGANM*PTTIEATELFQQAGVLFAPGKAANAGGVATSGLEM*AQNAAR.L	55
PLOG+4656	proteomics_log	1841418	1841504	+	3	9	K.AVAEGANM*PTTIEATELFQQAGVLFAPGK.A	34
PLOG+4657	proteomics_log	1841418	1841564	+	3	18	K.AVAEGANMPTTIEATELFQQAGVLFAPGKAANAGGVATSGLEMAQNAAR.L	53
PLOG+4658	proteomics_log	1841418	1841504	+	3	97	K.AVAEGANMPTTIEATELFQQAGVLFAPGK.A	33
PLOG+4659	proteomics_log	1841505	1841564	+	3	7	K.AANAGGVATSGLEM*AQNAAR.L	25
PLOG+4660	proteomics_log	1841505	1841564	+	3	336	K.AANAGGVATSGLEMAQNAAR.L	24
PLOG+4661	proteomics_log	1841565	1841597	+	3	138	R.LGWKAEKVDAR.L	15
PLOG+4662	proteomics_log	1841703	1841735	+	3	5	K.VADAM*LAQGVI.-	16
PLOG+4663	proteomics_log	1841703	1841735	+	3	60	K.VADAMLAQGVI.-	15
PLOG+4664	proteomics_log	1842865	1842885	+	1	4	S.QDGFVIK.L	11
PLOG+4665	proteomics_log	1843689	1843739	+	3	7	F.AFGNVQFDNTLAEHRIR.A	21
PLOG+4666	proteomics_log	1848941	1848982	+	2	10	R.SEQGYIPVSGHLQR.Q	18
PLOG+4667	proteomics_log	1849259	1849345	+	2	56	R.SDGQINLLNLYVAANYPINEVTLFFNNR.L	33
PLOG+4668	proteomics_log	1849373	1849447	+	2	21	K.AHADGFDAFASPPLLEAGIHIR.R	29
PLOG+4669	proteomics_log	1849448	1849564	+	2	2	R.RLNTPPAPHGEGELIVHPITPQPIGVVTIYPGISADVVR.N	43
PLOG+4670	proteomics_log	1849565	1849603	+	2	4	R.NFLRQPVKALILR.S	17
PLOG+4671	proteomics_log	1849604	1849636	+	2	9	R.SYGVGNAPQNK.A	15
PLOG+4672	proteomics_log	1849637	1849672	+	2	7	K.AFLQELQEASDR.G	16
PLOG+4673	proteomics_log	1850220	1850297	+	3	4	K.AIAAVFHKGGENPLVDSYSAFFDNGRR.Q	30
PLOG+4674	proteomics_log	1850385	1850420	+	3	2	K.FTVLDALQLGYK.V	16
PLOG+4675	proteomics_log	1860798	1860839	+	3	4	M.TIKVGINGFGRIGR.I	18
PLOG+4676	proteomics_log	1860798	1860830	+	3	293	M.TIKVGINGFGR.I	15
PLOG+4677	proteomics_log	1860807	1860830	+	3	39	K.VGINGFGR.I	12
PLOG+4678	proteomics_log	1860840	1860932	+	3	12	R.IVFRAAQKRSIEIVAINDLLDADYMLK.Y	35
PLOG+4679	proteomics_log	1860852	1860953	+	3	5	R.AAQKRSIEIVAINDLLDADYMLKYDSTHGR.F	38
PLOG+4680	proteomics_log	1860852	1860932	+	3	8	R.AAQKRSIEIVAINDLLDADYM*AYMLK.Y	32
PLOG+4681	proteomics_log	1860852	1860932	+	3	9	R.AAQKRSIEIVAINDLLDADYMAYM*LK.Y	32
PLOG+4682	proteomics_log	1860852	1860932	+	3	8	R.AAQKRSIEIVAINDLLDADYM*AYM*LK.Y	33
PLOG+4683	proteomics_log	1860852	1860932	+	3	186	R.AAQKRSIEIVAINDLLDADYMLK.Y	31
PLOG+4684	proteomics_log	1860864	1860968	+	3	8	K.RSDIEIVAINDLLDADYMLKYDSTHGRFDGTV.E	39
PLOG+4685	proteomics_log	1860864	1860932	+	3	8	K.RSDIEIVAINDLLDADYMAYM*LK.Y	28
PLOG+4686	proteomics_log	1860864	1860932	+	3	30	K.RSDIEIVAINDLLDADYM*AYMLK.Y	28
PLOG+4687	proteomics_log	1860864	1860932	+	3	8	K.RSDIEIVAINDLLDADYM*AYM*LK.Y	29
PLOG+4688	proteomics_log	1860864	1860953	+	3	74	K.RSDIEIVAINDLLDADYMLKYDSTHGR.F	34

PLOG+4689	proteomics_log	1860864	1860932	+	3	453	K.RSDIEIVAINDLLDADYMLK.Y	27
PLOG+4690	proteomics_log	1860867	1860914	+	3	4	R.SDIEIVAINDLLDADY.M	20
PLOG+4691	proteomics_log	1860867	1860923	+	3	7	R.SDIEIVAINDLLDADY.M	23
PLOG+4692	proteomics_log	1860867	1860923	+	3	7	R.SDIEIVAINDLLDADY*AY.M	24
PLOG+4693	proteomics_log	1860867	1860977	+	3	48	R.SDIEIVAINDLLDADYMLKYDSTHGRFDGTVEVK.D	41
PLOG+4694	proteomics_log	1860867	1860932	+	3	116	R.SDIEIVAINDLLDADY*AYMLK.Y	27
PLOG+4695	proteomics_log	1860867	1860932	+	3	174	R.SDIEIVAINDLLDADY*AYM*LK.Y	27
PLOG+4696	proteomics_log	1860867	1860932	+	3	116	R.SDIEIVAINDLLDADY*AYM*LK.Y	28
PLOG+4697	proteomics_log	1860867	1860953	+	3	194	R.SDIEIVAINDLLDADYMLKYDSTHGR.F	33
PLOG+4698	proteomics_log	1860867	1860932	+	3	2532	R.SDIEIVAINDLLDADYMLK.Y	26
PLOG+4699	proteomics_log	1860882	1860932	+	3	3	I.VAINDLLDADYMLK.Y	21
PLOG+4700	proteomics_log	1860888	1860932	+	3	7	A.INDLLDADYMLK.Y	19
PLOG+4701	proteomics_log	1860891	1860932	+	3	9	I.NDLLDADY*AYMLK.Y	19
PLOG+4702	proteomics_log	1860891	1860932	+	3	10	I.NDLLDADY*AYMLK.Y	19
PLOG+4703	proteomics_log	1860891	1860932	+	3	549	I.NDLLDADYMLK.Y	18
PLOG+4704	proteomics_log	1860933	1861013	+	3	27	K.YDSTHGRFDGTVEVKDGHVINGKIR.V	31
PLOG+4705	proteomics_log	1860933	1860977	+	3	61	K.YDSTHGRFDGTVEVK.D	19
PLOG+4706	proteomics_log	1860933	1861007	+	3	172	K.YDSTHGRFDGTVEVKDGHVINGK.I	29
PLOG+4707	proteomics_log	1860933	1861004	+	3	253	K.YDSTHGRFDGTVEVKDGHVINGK.K	28
PLOG+4708	proteomics_log	1860954	1860977	+	3	8	R.FDGTVEVK.D	12
PLOG+4709	proteomics_log	1860954	1861013	+	3	16	R.FDGTVEVKDGHVINGKIR.V	24
PLOG+4710	proteomics_log	1860954	1861007	+	3	22	R.FDGTVEVKDGHVINGK.I	22
PLOG+4711	proteomics_log	1860954	1861004	+	3	120	R.FDGTVEVKDGHVINGK.K	21
PLOG+4712	proteomics_log	1860978	1861007	+	3	5	K.DGHVINGK.I	14
PLOG+4713	proteomics_log	1860978	1861013	+	3	13	K.DGHVINGKIR.V	16
PLOG+4714	proteomics_log	1860978	1861004	+	3	92	K.DGHVINGK.K	13
PLOG+4715	proteomics_log	1861005	1861115	+	3	32	K.KIRVTAERDPANLKWDEVGVVVAEATGLFLTDATAR.K	41
PLOG+4716	proteomics_log	1861008	1861046	+	3	3	K.IRVTAERDPANL.W	17
PLOG+4717	proteomics_log	1861008	1861139	+	3	7	K.IRVTAERDPANLKWDEVGVVVAEATGLFLTDATARKHITAGAK.K	48
PLOG+4718	proteomics_log	1861008	1861118	+	3	86	K.IRVTAERDPANLKWDEVGVVVAEATGLFLTDATAR.H	41
PLOG+4719	proteomics_log	1861008	1861115	+	3	276	K.IRVTAERDPANLKWDEVGVVVAEATGLFLTDATAR.K	40
PLOG+4720	proteomics_log	1861014	1861142	+	3	22	R.VTAERDPANLKWDEVGVVVAEATGLFLTDATARKHITAGAK.V	47
PLOG+4721	proteomics_log	1861014	1861046	+	3	38	R.VTAERDPANL.W	15
PLOG+4722	proteomics_log	1861014	1861139	+	3	65	R.VTAERDPANLKWDEVGVVVAEATGLFLTDATARKHITAGAK.K	46
PLOG+4723	proteomics_log	1861014	1861118	+	3	344	R.VTAERDPANLKWDEVGVVVAEATGLFLTDATAR.H	39
PLOG+4724	proteomics_log	1861014	1861115	+	3	1170	R.VTAERDPANLKWDEVGVVVAEATGLFLTDATAR.K	38
PLOG+4725	proteomics_log	1861029	1861115	+	3	5	R.DPANLKWDEVGVVVAEATGLFLTDATAR.K	33
PLOG+4726	proteomics_log	1861032	1861118	+	3	6	D.PANLKWDEVGVVVAEATGLFLTDATARK.H	33
PLOG+4727	proteomics_log	1861032	1861115	+	3	7	D.PANLKWDEVGVVVAEATGLFLTDATAR.K	32
PLOG+4728	proteomics_log	1861041	1861118	+	3	96	N.LKWDEVGVVVAEATGLFLTDATARK.H	30
PLOG+4729	proteomics_log	1861047	1861139	+	3	3	K.WDEVGVVVAEATGLFLTDATARKHITAGAK.K	35
PLOG+4730	proteomics_log	1861047	1861118	+	3	6	K.WDEVGVVVAEATGLFLTDATAR.H	28
PLOG+4731	proteomics_log	1861047	1861115	+	3	61	K.WDEVGVVVAEATGLFLTDATAR.K	27
PLOG+4732	proteomics_log	1861116	1861190	+	3	39	R.KHITAGAKVMTGPSKDNTMPFVK.G	29
PLOG+4733	proteomics_log	1861116	1861139	+	3	57	R.KHITAGAK.K	12
PLOG+4734	proteomics_log	1861119	1861142	+	3	3	K.HITAGAK.V	12

PLOG+4735	proteomics_log	1861119	1861139	+	3	11	K.HITAGAK.K	11
PLOG+4736	proteomics_log	1861119	1861190	+	3	37	K.HITAGAKKVVMTGPSKDNTPMFVK.G	28
PLOG+4737	proteomics_log	1861140	1861208	+	3	2	K.KVVM*TGPSKDNTPMFVKGANFDK.Y	28
PLOG+4738	proteomics_log	1861140	1861208	+	3	2	K.KVVM*TGPSKDNTPMFVKGANFDK.Y	27
PLOG+4739	proteomics_log	1861140	1861208	+	3	2	K.KVVM*TGPSKDNTPM*FVKGANFDK.Y	29
PLOG+4740	proteomics_log	1861140	1861190	+	3	7	K.KVVM*TGPSKDNTPM*FVK.G	23
PLOG+4741	proteomics_log	1861140	1861166	+	3	7	K.KVVM*TGPSK.D	14
PLOG+4742	proteomics_log	1861140	1861190	+	3	10	K.KVVM*TGPSKDNTPM*FVK.G	22
PLOG+4743	proteomics_log	1861140	1861190	+	3	23	K.KVVM*TGPSKDNTPMFVK.G	22
PLOG+4744	proteomics_log	1861140	1861166	+	3	33	K.KVVM*TGPSK.D	13
PLOG+4745	proteomics_log	1861140	1861190	+	3	519	K.KVVM*TGPSKDNTPMFVK.G	21
PLOG+4746	proteomics_log	1861143	1861196	+	3	2	K.VVMTGPSKDNTPMFVKGA.N	22
PLOG+4747	proteomics_log	1861143	1861166	+	3	2	K.VVMTGPSK.D	12
PLOG+4748	proteomics_log	1861143	1861190	+	3	3	K.VVMTGPSKDNTPM*FVK.G	21
PLOG+4749	proteomics_log	1861143	1861190	+	3	3	K.VVM*TGPSKDNTPM*FVK.G	22
PLOG+4750	proteomics_log	1861143	1861190	+	3	19	K.VVM*TGPSKDNTPMFVK.G	21
PLOG+4751	proteomics_log	1861143	1861190	+	3	61	K.VVMTGPSKDNTPMFVK.G	20
PLOG+4752	proteomics_log	1861149	1861190	+	3	8	V.MTGPSKDNTPMFVK.G	18
PLOG+4753	proteomics_log	1861191	1861274	+	3	4	K.GANFDKYAGQDIVSNASCTTNCLAPLAK.V	32
PLOG+4754	proteomics_log	1861191	1861241	+	3	22	K.GANFDKYAGQDIVSNAS.C	21
PLOG+4755	proteomics_log	1861191	1861274	+	3	4	K.GANFDKYAGQDIVSNASCTTNCLAPLAK.V	32
PLOG+4756	proteomics_log	1861209	1861274	+	3	2	K.YAGQDIVSNASCTTNCLAPLAK.V	26
PLOG+4757	proteomics_log	1861221	1861274	+	3	20	Q.DIVSNASCTTNCLAPLAK.V	22
PLOG+4758	proteomics_log	1861275	1861379	+	3	4	K.VINDNFGIIEGLM*TTVHATTATQKTVDGPSHKDWR.G	40
PLOG+4759	proteomics_log	1861275	1861388	+	3	11	K.VINDNFGIIEGLMTTVHATTATQKTVDGPSHKDWRGGR.G	42
PLOG+4760	proteomics_log	1861275	1861370	+	3	35	K.VINDNFGIIEGLMTTVHATTATQKTVDGPSHK.D	36
PLOG+4761	proteomics_log	1861275	1861346	+	3	168	K.VINDNFGIIEGLM*TTVHATTATQK.T	29
PLOG+4762	proteomics_log	1861275	1861379	+	3	262	K.VINDNFGIIEGLMTTVHATTATQKTVDGPSHKDWR.G	39
PLOG+4763	proteomics_log	1861275	1861346	+	3	1028	K.VINDNFGIIEGLMTTVHATTATQK.T	28
PLOG+4764	proteomics_log	1861281	1861346	+	3	4	I.NDNFGIIEGLMTTVHATTATQK.T	26
PLOG+4765	proteomics_log	1861293	1861346	+	3	41	F.GIIEGLMTTVHATTATQK.T	22
PLOG+4766	proteomics_log	1861296	1861346	+	3	3	G.IIEGLMTTVHATTATQK.T	21
PLOG+4767	proteomics_log	1861299	1861346	+	3	26	I.IEGLMTTVHATTATQK.T	20
PLOG+4768	proteomics_log	1861305	1861346	+	3	4	E.GLMTTVHATTATQK.T	18
PLOG+4769	proteomics_log	1861347	1861433	+	3	3	K.TVDGPSHKDWRGGRGASQNIIPSSTGAAK.A	33
PLOG+4770	proteomics_log	1861347	1861379	+	3	47	K.TVDGPSHKDWR.G	15
PLOG+4771	proteomics_log	1861380	1861469	+	3	26	R.GRGASQNIIPSSTGAAKAVGKVLPELNGK.L	34
PLOG+4772	proteomics_log	1861380	1861445	+	3	154	R.GRGASQNIIPSSTGAAKAVGK.V	26
PLOG+4773	proteomics_log	1861380	1861433	+	3	179	R.GRGASQNIIPSSTGAAK.A	22
PLOG+4774	proteomics_log	1861389	1861445	+	3	178	R.GASQNIIPSSTGAAKAVGK.V	23
PLOG+4775	proteomics_log	1861389	1861433	+	3	331	R.GASQNIIPSSTGAAK.A	19
PLOG+4776	proteomics_log	1861434	1861487	+	3	2	K.AVGKVLPELNGKLTGMAFR	22
PLOG+4777	proteomics_log	1861434	1861532	+	3	27	K.AVGKVLPELNGKLTGM*AFRVPTPNVSVVDLTVR.L	38
PLOG+4778	proteomics_log	1861434	1861541	+	3	27	K.AVGKVLPELNGKLTGM*AFRVPTPNVSVVDLTVRLEK.A	41
PLOG+4779	proteomics_log	1861434	1861541	+	3	115	K.AVGKVLPELNGKLTGMAFRVPTPNVSVVDLTVRLEK.A	40
PLOG+4780	proteomics_log	1861434	1861490	+	3	140	K.AVGKVLPELNGKLTGMAFR.V	23



PLOG+4781	proteomics_log	1861434	1861469	+	3	225	K.AVGKVLPELNGK.L	16
PLOG+4782	proteomics_log	1861434	1861532	+	3	256	K.AVGKVLPELNGKLTGMAFRVPTPNVSVVDLTVR.L	37
PLOG+4783	proteomics_log	1861446	1861487	+	3	2	K.VLPELNGKLTGMAFR	18
PLOG+4784	proteomics_log	1861446	1861541	+	3	4	K.VLPELNGKLTGM*AFRVPTPNVSVVDLTVRLEK.A	37
PLOG+4785	proteomics_log	1861446	1861532	+	3	17	K.VLPELNGKLTGM*AFRVPTPNVSVVDLTVR.L	34
PLOG+4786	proteomics_log	1861446	1861490	+	3	100	K.VLPELNGKLTGMAFR.V	19
PLOG+4787	proteomics_log	1861446	1861532	+	3	120	K.VLPELNGKLTGMAFRVPTPNVSVVDLTVR.L	33
PLOG+4788	proteomics_log	1861446	1861541	+	3	262	K.VLPELNGKLTGMAFRVPTPNVSVVDLTVRLEK.A	36
PLOG+4789	proteomics_log	1861452	1861490	+	3	4	I.PELNGKLTGMAFR.V	17
PLOG+4790	proteomics_log	1861452	1861532	+	3	4	L.PELNGKLTGMAFRVPTPNVSVVDLTVR.L	31
PLOG+4791	proteomics_log	1861470	1861541	+	3	22	K.LTGM*AFRVPTPNVSVVDLTVRLEK.A	29
PLOG+4792	proteomics_log	1861470	1861532	+	3	36	K.LTGM*AFRVPTPNVSVVDLTVR.L	26
PLOG+4793	proteomics_log	1861470	1861541	+	3	226	K.LTGMAFRVPTPNVSVVDLTVRLEK.A	28
PLOG+4794	proteomics_log	1861470	1861532	+	3	377	K.LTGMAFRVPTPNVSVVDLTVR.L	25
PLOG+4795	proteomics_log	1861476	1861532	+	3	2	T.GMAFRVPTPNVSVVDLTVR.L	23
PLOG+4796	proteomics_log	1861485	1861532	+	3	2	A.FRVPTPNVSVVDLTVR.L	20
PLOG+4797	proteomics_log	1861485	1861541	+	3	5	A.FRVPTPNVSVVDLTVRLEK.A	23
PLOG+4798	proteomics_log	1861488	1861532	+	3	2	F.RVPTPNVSVVDLTVR.L	19
PLOG+4799	proteomics_log	1861491	1861541	+	3	224	R.VPTPNVSVVDLTVRLEK.A	21
PLOG+4800	proteomics_log	1861491	1861532	+	3	236	R.VPTPNVSVVDLTVR.L	18
PLOG+4801	proteomics_log	1861494	1861541	+	3	4	V.PTPNVSVVDLTVRLEK.A	20
PLOG+4802	proteomics_log	1861533	1861601	+	3	6	R.LEKAATYEQIKA AVKAAAEGEMK.G	27
PLOG+4803	proteomics_log	1861533	1861565	+	3	108	R.LEKAATYEQIK.A	15
PLOG+4804	proteomics_log	1861533	1861577	+	3	193	R.LEKAATYEQIKA AVK.A	19
PLOG+4805	proteomics_log	1861542	1861601	+	3	7	K.AATYEQIKA AVKAAAEGEM*K.G	25
PLOG+4806	proteomics_log	1861542	1861601	+	3	139	K.AATYEQIKA AVKAAAEGEMK.G	24
PLOG+4807	proteomics_log	1861542	1861577	+	3	224	K.AATYEQIKA AVK.A	16
PLOG+4808	proteomics_log	1861548	1861577	+	3	2	A.TYEQIKA AVK.A	14
PLOG+4809	proteomics_log	1861566	1861601	+	3	33	K.AAVKAAAEGEM*K.G	17
PLOG+4810	proteomics_log	1861566	1861601	+	3	70	K.AAVKAAAEGEMK.G	16
PLOG+4811	proteomics_log	1861578	1861658	+	3	2	K.AAAEGEM*KGVLGYTEDDVVSTDFNGEV.C	32
PLOG+4812	proteomics_log	1861578	1861682	+	3	8	K.AAAEGEMKGVLYTEDDVVSTDFNGEVCTSVFDAK.A	39
PLOG+4813	proteomics_log	1861578	1861601	+	3	13	K.AAAEGEMK.G	12
PLOG+4814	proteomics_log	1861602	1861658	+	3	2	K.GVLGYTEDDVVSTDFNGEV.C	23
PLOG+4815	proteomics_log	1861683	1861757	+	3	250	K.AGIALNDNFVKLVS WYDNETGYSNK.V	29
PLOG+4816	proteomics_log	1861683	1861787	+	3	284	K.AGIALNDNFVKLVS WYDNETGYSNKVLDLIAHISK.-	39
PLOG+4817	proteomics_log	1861683	1861715	+	3	419	K.AGIALNDNFVK.L	15
PLOG+4818	proteomics_log	1861716	1861757	+	3	299	K.LVSWYDNETGYSNK.V	18
PLOG+4819	proteomics_log	1861716	1861787	+	3	557	K.LVSWYDNETGYSNKVLDLIAHISK.-	28
PLOG+4820	proteomics_log	1861758	1861787	+	3	499	K.VLDLIAHISK.-	14
PLOG+4821	proteomics_log	1861874	1861933	+	2	3	V.M*IKKIFALPVIEQISPVLSR.R	25
PLOG+4822	proteomics_log	1861874	1861933	+	2	21	V.MIKKIFALPVIEQISPVLSR.R	24
PLOG+4823	proteomics_log	1861883	1861933	+	2	25	K.KIFALPVIEQISPVLSR.R	21
PLOG+4824	proteomics_log	1861886	1861927	+	2	4	K.IFALPVIEQISPVL.S	18
PLOG+4825	proteomics_log	1861886	1861933	+	2	251	K.IFALPVIEQISPVLSR.R	20
PLOG+4826	proteomics_log	1861934	1861984	+	2	142	R.RKLDLDELIVVDHPQVK.A	21

PLOG+4827	proteomics_log	1861937	1861984	+	2	83	R.KLDELDLIVVDHPQVK.A	20
PLOG+4828	proteomics_log	1861985	1862095	+	2	4	K.ASFALQGAHLLSWKPAGEEEVLWLSNNTPFKNGVAIR.G	41
PLOG+4829	proteomics_log	1861985	1862077	+	2	44	K.ASFALQGAHLLSWKPAGEEEVLWLSNNTPFK.N	35
PLOG+4830	proteomics_log	1862396	1862422	+	2	4	K.VSVSGLGDR.F	13
PLOG+4831	proteomics_log	1862396	1862500	+	2	8	K.VSVSGLGDRFIDKVNDAKENVLTGDIQTFFDRTDR.V	39
PLOG+4832	proteomics_log	1862711	1862743	+	2	7	K.EKPAHLAQSIR.V	15
PLOG+4833	proteomics_log	1864932	1864955	+	3	7	T.MNIFDHYR.Q	12
PLOG+4834	proteomics_log	1865028	1865054	+	3	3	R.SAYANAAER.L	13
PLOG+4835	proteomics_log	1865055	1865108	+	3	4	R.LLM*AIGEPVM*VDTAQEPR.L	24
PLOG+4836	proteomics_log	1865055	1865108	+	3	27	R.LLMAIGEPVMVDTAQEPR.L	22
PLOG+4837	proteomics_log	1865145	1865237	+	3	5	R.YPAFEFYGMEIAIEQIVSYLKHAAGGLEEK.K	35
PLOG+4838	proteomics_log	1865145	1865210	+	3	23	R.YPAFEFYGMEIAIEQIVSYLK.H	26
PLOG+4839	proteomics_log	1865211	1865237	+	3	9	K.HAAQGLEEK.K	13
PLOG+4840	proteomics_log	1865304	1865354	+	3	6	K.SLMQLVPIYVLSANGER.S	21
PLOG+4841	proteomics_log	1865517	1865564	+	3	3	R.VVKVWPSILQQIAIAK.T	20
PLOG+4842	proteomics_log	1866048	1866083	+	3	32	R.LKEPENSSIYSK.M	16
PLOG+4843	proteomics_log	1866222	1866329	+	3	2	R.VFNFDHVEVAANPVHLFYVLEQQIEREQFPQEQAER.Y	40
PLOG+4844	proteomics_log	1866222	1866299	+	3	19	R.VFNFDHVEVAANPVHLFYVLEQQIER.E	30
PLOG+4845	proteomics_log	1866693	1866743	+	3	11	K.MFSNTEELLPVISFNAK.T	21
PLOG+4846	proteomics_log	1871601	1871636	+	3	5	M.TEMAKGSVTHQR.L	16
PLOG+4847	proteomics_log	1871769	1871867	+	3	2	K.VKGNQVNHVLAADQQADLSQLASHIGGLR.A	37
PLOG+4848	proteomics_log	1875086	1875127	+	2	2	R.KAFHGEVVDYATFR.E	18
PLOG+4849	proteomics_log	1875194	1875226	+	2	2	K.KQPLTLLYSAK.N	15
PLOG+4850	proteomics_log	1875227	1875271	+	2	8	K.NTTQNHALVLDWLR.S	19
PLOG+4851	proteomics_log	1887387	1887464	+	3	2	R.HDNNRRCAAIVKMLKLTRGIQRVNV.Y	30
PLOG+4852	proteomics_log	1891424	1891546	+	2	10	R.WSDVVIHNNNTLYTGVPENLDADAFEQTANTLAQIDAVLEK.Q	45
PLOG+4853	proteomics_log	1891562	1891666	+	2	8	K.SSILDATIFLADKNDFAAMNKAWDAWVVAGHAPVR.C	39
PLOG+4854	proteomics_log	1891589	1891666	+	2	2	F.LADKNDFAAMNKAWDAWVVAGHAPVR.C	30
PLOG+4855	proteomics_log	1892160	1892249	+	3	3	M.PAVIDKALDFIGAMDVSAPTSSMNESTAK.G	34
PLOG+4856	proteomics_log	1892178	1892249	+	3	2	K.ALDFIGAMDVSAPTSSMNESTAK.G	28
PLOG+4857	proteomics_log	1900237	1900308	+	1	18	K.LDTTKGVFLVLDTWGGSPFNAAASR.I	28
PLOG+4858	proteomics_log	1900252	1900308	+	1	23	K.GVLFVLDTWGGSPFNAAASR.I	23
PLOG+4859	proteomics_log	1900309	1900386	+	1	29	R.IVVDKEHYEVIAGVNIPMLVETLMAR.D	30
PLOG+4860	proteomics_log	1900387	1900440	+	1	18	R.DDDPSFDELVALAVETGR.E	22
PLOG+4861	proteomics_log	1900453	1900479	+	1	4	K.ALKAKPVEK.A	13
PLOG+4862	proteomics_log	1900462	1900512	+	1	9	K.AKPVEKAAPAPAAAAPK.A	21
PLOG+4863	proteomics_log	1900480	1900512	+	1	13	K.AAPAPAAAAPK.A	15
PLOG+4864	proteomics_log	1900513	1900575	+	1	103	K.AAPTAKPMGPNDYMVIGLAR.I	25
PLOG+4865	proteomics_log	1900576	1900614	+	1	4	R.IDDRLIHGQVATR.W	17
PLOG+4866	proteomics_log	1900588	1900641	+	1	11	R.LIHGQVATRWTKETNVSRI	22
PLOG+4867	proteomics_log	1900588	1900614	+	1	29	R.LIHGQVATR.W	13
PLOG+4868	proteomics_log	1900615	1900641	+	1	55	R.WTKETNVSRI	13
PLOG+4869	proteomics_log	1900642	1900683	+	1	31	R.IIVVSDEVAADTVR.K	18
PLOG+4870	proteomics_log	1900642	1900746	+	1	49	R.IIVVSDEVAADTVRKTLLTQVAPPGVTAHVVDVAK.M	39
PLOG+4871	proteomics_log	1900642	1900686	+	1	129	R.IIVVSDEVAADTVRK.T	19
PLOG+4872	proteomics_log	1900684	1900746	+	1	86	R.KTLLTQVAPPGVTAHVVDVAK.M	25

PLOG+4873	proteomics_log	1900687	1900746	+	1	152	K.TLLTQVAPPVTAHVVDVAK.M	24
PLOG+4874	proteomics_log	1900756	1900788	+	1	83	R.VYNNPKYAGER.V	15
PLOG+4875	proteomics_log	1900789	1900827	+	1	6	R.VM*LLFTNPTDVER.L	18
PLOG+4876	proteomics_log	1900789	1900848	+	1	19	R.VMLLFTNPTDVERLVEGGVK.I	24
PLOG+4877	proteomics_log	1900789	1900884	+	1	44	R.VMLLFTNPTDVERLVEGGVKITSVNVGGMAFR.Q	36
PLOG+4878	proteomics_log	1900789	1900827	+	1	146	R.VMLLFTNPTDVER.L	17
PLOG+4879	proteomics_log	1900849	1900884	+	1	4	K.ITSVNVGGM*AFR.Q	17
PLOG+4880	proteomics_log	1900849	1900884	+	1	66	K.ITSVNVGGMAFR.Q	16
PLOG+4881	proteomics_log	1900885	1900962	+	1	3	R.QGKTQVNNAVSVDEKDIEAFKKLNR.G	30
PLOG+4882	proteomics_log	1900894	1900962	+	1	68	K.TQVNNAVSVDEKDIEAFKKLNR.G	27
PLOG+4883	proteomics_log	1900984	1901040	+	1	3	R.KVSTDPKLMMDLISKIDK.-	23
PLOG+4884	proteomics_log	1900984	1901010	+	1	15	R.KVSTDPKLM	13
PLOG+4885	proteomics_log	1901005	1901040	+	1	8	K.LKMMDLISKIDK.-	16
PLOG+4886	proteomics_log	1901011	1901031	+	1	2	K.MMDLISK.I	11
PLOG+4887	proteomics_log	1901011	1901031	+	1	2	K.MM*DLISK.I	12
PLOG+4888	proteomics_log	1901011	1901040	+	1	74	K.MMDLISKIDK.-	14
PLOG+4889	proteomics_log	1901991	1902026	+	3	30	R.SNLFQGSWNFER.M	16
PLOG+4890	proteomics_log	1902120	1902197	+	3	25	R.HLEFFNTQPFVAAPILGVTLALEEQR.A	30
PLOG+4891	proteomics_log	1914714	1914755	+	3	2	R.LGMNLRPVLLMLER.L	18
PLOG+4892	proteomics_log	1919822	1919878	+	2	6	R.IGAFEIDDGELHGESPGR.T	23
PLOG+4893	proteomics_log	1919837	1919878	+	2	7	E.IDDGELHGESPGR.T	18
PLOG+4894	proteomics_log	1923780	1923836	+	3	2	R.LGSTIRVM*VHVWAVVPEPS.R	24
PLOG+4895	proteomics_log	1926340	1926396	+	1	10	L.GSTLSSSSGYQLPVSRLRK.R	23
PLOG+4896	proteomics_log	1928908	1928946	+	1	2	M.TLLGTALRPAATR.V	17
PLOG+4897	proteomics_log	1929004	1929069	+	1	22	R.LGVEVIAVDYADAPAMHVAHR.S	26
PLOG+4898	proteomics_log	1929004	1929033	+	1	42	R.LGVEVIAVDR.Y	14
PLOG+4899	proteomics_log	1929034	1929069	+	1	2	R.YADAPAM*HVAHR.S	17
PLOG+4900	proteomics_log	1929034	1929069	+	1	52	R.YADAPAMHVAHR.S	16
PLOG+4901	proteomics_log	1929070	1929108	+	1	2	R.SHVINM*LDGDALR.R	18
PLOG+4902	proteomics_log	1929070	1929111	+	1	28	R.SHVINMLDGDALRR.V	18
PLOG+4903	proteomics_log	1929070	1929108	+	1	101	R.SHVINMLDGDALR.R	17
PLOG+4904	proteomics_log	1929109	1929222	+	1	5	R.RVVELEKPHYIVPEIEAIATDMLIQLEEEGLNVVPCAR.A	42
PLOG+4905	proteomics_log	1929112	1929222	+	1	5	R.VVELEKPHYIVPEIEAIATDMLIQLEEEGLNVVPCAR.A	41
PLOG+4906	proteomics_log	1929259	1929303	+	1	24	R.RLAAEELQLPTSTYR.F	19
PLOG+4907	proteomics_log	1929262	1929303	+	1	141	R.LAAEELQLPTSTYR.F	18
PLOG+4908	proteomics_log	1929304	1929330	+	1	46	R.FADSESLFR.E	13
PLOG+4909	proteomics_log	1929355	1929393	+	1	5	Y.PCIVKPVMSSSGK.G	17
PLOG+4910	proteomics_log	1929412	1929462	+	1	5	R.SAEQLAQAWKYAQQGGR.A	21
PLOG+4911	proteomics_log	1929820	1929852	+	1	3	R.AFLGLPVGGIR.Q	15
PLOG+4912	proteomics_log	1929853	1929957	+	1	3	R.QYGPAAAVILPQLTSQNVTFDNVQNAVADLQIR.L	39
PLOG+4913	proteomics_log	1929991	1930080	+	1	2	R.RLGVALATAESVVDIAIERAKHAAGQVKVQG.-	34
PLOG+4914	proteomics_log	1929991	1930050	+	1	4	R.RLGVALATAESVVDIAIERAK.H	24
PLOG+4915	proteomics_log	1929991	1930044	+	1	58	R.RLGVALATAESVVDIAIER.A	22
PLOG+4916	proteomics_log	1929994	1930050	+	1	9	R.LGVALATAESVVDIAIERAK.H	23
PLOG+4917	proteomics_log	1929994	1930071	+	1	20	R.LGVALATAESVVDIAIERAKHAAGQVK.V	30
PLOG+4918	proteomics_log	1929994	1930080	+	1	73	R.LGVALATAESVVDIAIERAKHAAGQVKVQG.-	33

PLOG+4919	proteomics_log	1929994	1930044	+	1	229	R.LGVALATAESVVDAIER.A	21
PLOG+4920	proteomics_log	1930045	1930080	+	1	12	R.AKHAAGQVKVQG.-	16
PLOG+4921	proteomics_log	1930051	1930080	+	1	11	K.HAAGQVKVQG.-	14
PLOG+4922	proteomics_log	1934925	1935005	+	3	4	R.NVNEDDSVESYTGKIFESAMATLDHVR.H	31
PLOG+4923	proteomics_log	1935327	1935395	+	3	3	R.EATLAILDVPEDTDIYM*PM*VSR.L	29
PLOG+4924	proteomics_log	1935480	1935506	+	3	5	R.VKEALKESR.F	13
PLOG+4925	proteomics_log	1935694	1935750	+	1	10	R.TKIVTTLGPATDRDNNLEK.V	23
PLOG+4926	proteomics_log	1935694	1935780	+	1	83	R.TKIVTTLGPATDRDNNLEKVIAAGANVVR.M	33
PLOG+4927	proteomics_log	1935700	1935750	+	1	10	K.IVTTLGPATDRDNNLEK.V	21
PLOG+4928	proteomics_log	1935700	1935780	+	1	177	K.IVTTLGPATDRDNNLEKVIAAGANVVR.M	31
PLOG+4929	proteomics_log	1935751	1935780	+	1	64	K.VIAAGANVVR.M	14
PLOG+4930	proteomics_log	1935781	1935822	+	1	7	R.M*NFSHGSPEDHKM*R.A	20
PLOG+4931	proteomics_log	1935781	1935816	+	1	24	R.MNFSHGSPEDHK.M	16
PLOG+4932	proteomics_log	1935823	1935861	+	1	2	R.ADKVREIAAKLGR.H	17
PLOG+4933	proteomics_log	1935853	1935903	+	1	14	K.LGRHVAILGDLQGPKIR.V	21
PLOG+4934	proteomics_log	1935853	1935897	+	1	15	K.LGRHVAILGDLQGPK.I	19
PLOG+4935	proteomics_log	1935862	1935888	+	1	2	R.HVAILGDLQ.G	13
PLOG+4936	proteomics_log	1935862	1935897	+	1	112	R.HVAILGDLQGPK.I	16
PLOG+4937	proteomics_log	1935862	1935903	+	1	180	R.HVAILGDLQGPKIR.V	18
PLOG+4938	proteomics_log	1935923	1935994	+	2	2	K.AKFSSILGINSCSTPTWVKVATK.K	28
PLOG+4939	proteomics_log	1935928	1935999	+	1	3	K.VFLNIGDKFLLDANLKGEGDKEK.V	28
PLOG+4940	proteomics_log	1936000	1936083	+	1	14	K.VGIDYKGLPADVVPGDILLDDGRVQLK.V	32
PLOG+4941	proteomics_log	1936084	1936107	+	1	3	K.VLEVQGMK.V	12
PLOG+4942	proteomics_log	1936222	1936269	+	1	12	K.TAALIGVDYLAVSFPR.C	20
PLOG+4943	proteomics_log	1936309	1936350	+	1	2	R.DAGCDAKIVAKVER.A	18
PLOG+4944	proteomics_log	1936309	1936341	+	1	5	R.DAGCDAKIVAK.V	15
PLOG+4945	proteomics_log	1936351	1936422	+	1	5	R.AEAVCSQDAMDDIILASDVVMVAR.G	28
PLOG+4946	proteomics_log	1936423	1936473	+	1	218	R.GDLGVEIGDPELVGIQK.A	21
PLOG+4947	proteomics_log	1936507	1936566	+	1	24	R.AVITATQMMESMITNPMPTTR.A	24
PLOG+4948	proteomics_log	1936567	1936680	+	1	4	R.AEVM*DVANAVLDGTDAVM*LSAETAAGQYPSETVAAMAR.V	44
PLOG+4949	proteomics_log	1936567	1936680	+	1	4	R.AEVM*DVANAVLDGTDAVM*LSAETAAGQYPSETVAAM*AR.V	44
PLOG+4950	proteomics_log	1936567	1936680	+	1	5	R.AEVM*DVANAVLDGTDAVMLSAETAAGQYPSETVAAM*AR.V	44
PLOG+4951	proteomics_log	1936567	1936680	+	1	6	R.AEVM*DVANAVLDGTDAVMLSAETAAGQYPSETVAAMAR.V	43
PLOG+4952	proteomics_log	1936567	1936680	+	1	7	R.AEVM*DVANAVLDGTDAVMLSAETAAGQYPSETVAAM*AR.V	43
PLOG+4953	proteomics_log	1936567	1936680	+	1	4	R.AEVM*DVANAVLDGTDAVM*LSAETAAGQYPSETVAAM*AR.V	45
PLOG+4954	proteomics_log	1936567	1936680	+	1	42	R.AEVM*DVANAVLDGTDAVMLSAETAAGQYPSETVAAMAR.V	42
PLOG+4955	proteomics_log	1936681	1936731	+	1	8	R.VCLGAEKIPINVSKHR.L	21
PLOG+4956	proteomics_log	1936726	1936803	+	1	5	K.HRLDVQFDNVEEAIAM*YAAANHLK.G	32
PLOG+4957	proteomics_log	1936726	1936803	+	1	68	K.HRLDVQFDNVEEAIAM*YAAANHLK.G	30
PLOG+4958	proteomics_log	1936732	1936803	+	1	2	R.LDVQFDNVEEAIAM*YAAANHLK.G	30
PLOG+4959	proteomics_log	1936732	1936842	+	1	18	R.LDVQFDNVEEAIAM*YAAANHLKGVTAIITMTESGR.T	41
PLOG+4960	proteomics_log	1936732	1936803	+	1	20	R.LDVQFDNVEEAIAM*YAAANHLK.G	28
PLOG+4961	proteomics_log	1936774	1936863	+	1	2	M.SAM*YAAANHLKGVTAIITMTESGR*TSR.I	36
PLOG+4962	proteomics_log	1936804	1936842	+	1	11	K.GVTAIITMTESGR.T	17
PLOG+4963	proteomics_log	1936864	1936899	+	1	145	R.ISSGLPIFAMSR.H	16
PLOG+4964	proteomics_log	1936909	1937010	+	1	11	R.TLNLTALYRGVTPVHFDSANDGVAAASEAVNLLR.D	38

PLOG+4965	proteomics_log	1936909	1936935	+	1	145	R.TLNLTALYR.G	13
PLOG+4966	proteomics_log	1936936	1937010	+	1	24	R.GVTPVHFDSANDGVAAASEAVNLLR.D	29
PLOG+4967	proteomics_log	1940890	1940949	+	1	8	R.IGYVPQKLYLDTTLPLTVNR.F	24
PLOG+4968	proteomics_log	1940911	1940949	+	1	3	K.LYLDTTPLPLTVNR.F	17
PLOG+4969	proteomics_log	1940959	1941006	+	1	7	R.LRPGTHKEDILPALKR.V	20
PLOG+4970	proteomics_log	1941085	1941189	+	1	2	R.ALLNRPQLLVLDEPTQGVVDVNGQVALYDLIDQLRR.E	39
PLOG+4971	proteomics_log	1941438	1941527	+	3	3	L.M*IELLFPGWLAGIM*LACAAGPLGSFVVWRR.M	36
PLOG+4972	proteomics_log	1948877	1948963	+	2	6	K.TTALVVIDLQEGILPFAGGPHTADEVVNR.A	33
PLOG+4973	proteomics_log	1948991	1949020	+	2	3	R.ASGQPVFLVR.V	14
PLOG+4974	proteomics_log	1949021	1949086	+	2	2	R.VGWSADYAEALKQPVDAPSPAK.V	26
PLOG+4975	proteomics_log	1949393	1949419	+	2	8	R.SVEEILNAL.-	13
PLOG+4976	proteomics_log	1950404	1950424	+	2	3	S.ELQSAIR.I	11
PLOG+4977	proteomics_log	1950828	1950881	+	3	12	R.SVPGYSNIISMIGMLAER.F	22
PLOG+4978	proteomics_log	1950978	1951016	+	3	4	K.IIAIDNSPAMIER.C	17
PLOG+4979	proteomics_log	1958254	1958307	+	1	8	R.QLAEQVLTHLDLNGIASK.V	22
PLOG+4980	proteomics_log	1958308	1958397	+	1	39	K.VEIAGPGFINIFLDPAFLAEHVQQALASDR.L	34
PLOG+4981	proteomics_log	1958488	1958550	+	1	2	R.STIIGDAAVRTLEFLGHKVir.A	25
PLOG+4982	proteomics_log	1958518	1958550	+	1	6	R.TLEFLGHKVir.A	15
PLOG+4983	proteomics_log	1958842	1958904	+	1	5	R.DDVM*GESLYNPM*LPGIVADLK.A	27
PLOG+4984	proteomics_log	1959235	1959285	+	1	7	R.AGGTVKLADLLDEALER.A	21
PLOG+4985	proteomics_log	1959253	1959285	+	1	19	K.LADLLDEALER.A	15
PLOG+4986	proteomics_log	1959292	1959375	+	1	14	R.RLVAEKNPDPADALEKLANAVGIGAVK.Y	32
PLOG+4987	proteomics_log	1959295	1959375	+	1	5	R.LVAEKNPDPADALEKLANAVGIGAVK.Y	31
PLOG+4988	proteomics_log	1959766	1959813	+	1	2	K.TLKLGLDTLGIETVER.M	20
PLOG+4989	proteomics_log	1959766	1959816	+	1	12	K.TLKLGLDTLGIETVERM.-	21
PLOG+4990	proteomics_log	1959775	1959813	+	1	6	K.LGLDTLGIETVER.M	17
PLOG+4991	proteomics_log	1959775	1959816	+	1	8	K.LGLDTLGIETVERM.-	18
PLOG+4992	proteomics_log	1962988	1963029	+	1	3	Q.QDQNRSGKDLPLCR.F	18
PLOG+4993	proteomics_log	1963229	1963258	+	2	2	L.LTNLRMSIQR.S	14
PLOG+4994	proteomics_log	1968304	1968393	+	1	2	R.TRQITRSNAVKMATDNGQWLNHLARPPQR.T	34
PLOG+4995	proteomics_log	1972898	1972954	+	2	2	H.LAVHFWQPHLIGSLRMAFR.L	23
PLOG+4996	proteomics_log	1982177	1982257	+	2	3	C.VPPNMPFINSLRPAPTRPNSPTISPLR.T	31
PLOG+4997	proteomics_log	1986872	1986907	+	2	5	R.RHAQEEMTHMQR.L	16
PLOG+4998	proteomics_log	1986875	1986907	+	2	23	R.HAQEEMTHMQR.L	15
PLOG+4999	proteomics_log	1986908	1986946	+	2	58	R.LFDYLTDTGNLPR.I	17
PLOG+5000	proteomics_log	1986947	1987039	+	2	10	R.INTVESPPFAEYSSLDELQFQETKHEQLITQK.I	35
PLOG+5001	proteomics_log	1987145	1987177	+	2	17	K.SIIDKLSLAGK.S	15
PLOG+5002	proteomics_log	1987145	1987234	+	2	25	K.SIIDKLSLAGKSGEGLYFIDKELSTLDTQN.-	34
PLOG+5003	proteomics_log	1987178	1987234	+	2	68	K.SGEGLYFIDKELSTLDTQN.-	23
PLOG+5004	proteomics_log	1993911	1993973	+	3	2	K.AMLTMLQAMGQADAGRVMK.M	25
PLOG+5005	proteomics_log	1993911	1993961	+	3	14	K.AMLTMLQAMGQADAGR.V	21
PLOG+5006	proteomics_log	1993983	1994030	+	3	10	K.QLALIEDETQAAVFSK.T	20
PLOG+5007	proteomics_log	1994031	1994063	+	3	2	K.TVKQIKQAYRQ.-	15
PLOG+5008	proteomics_log	1998894	1998935	+	3	3	S.RREISILFTILPSR.T	18
PLOG+5009	proteomics_log	2004999	2005115	+	3	2	K.LQTYIDQVEGKTMFLDAPLQMKFHEASRM*GRDYDMTQIF.T	44
PLOG+5010	proteomics_log	2007503	2007529	+	2	2	R.MKNIVPDYR.L	13

PLOG+5011	proteomics_log	2007668	2007718	+	2	59	R.NHGYTVLDIQDGPDIR.Y	21
PLOG+5012	proteomics_log	2011670	2011705	+	2	2	R.TIETIGPVKGR.V	16
PLOG+5013	proteomics_log	2013171	2013206	+	3	3	R.AASLLEDILETR.D	16
PLOG+5014	proteomics_log	2014156	2014182	+	1	2	K.SQQAPIHAR.M	13
PLOG+5015	proteomics_log	2014183	2014248	+	1	2	R.MQQLVSEFQTTLDALDSVIASR.L	26
PLOG+5016	proteomics_log	2015184	2015219	+	3	3	D.VIVVGLIGERGR.E	16
PLOG+5017	proteomics_log	2017756	2017788	+	1	10	H.QVAADDKAQQR.V	15
PLOG+5018	proteomics_log	2019208	2019321	+	1	7	K.SAAETVFQQFGGGDVSGTLQDIDLIMDIPVKLTVELGR.T	42
PLOG+5019	proteomics_log	2019475	2019504	+	1	3	R.ITDIITPSE.R	14
PLOG+5020	proteomics_log	2022457	2022492	+	1	3	T.IQISDQM*NIKAK.T	17
PLOG+5021	proteomics_log	2032138	2032185	+	1	5	A.AEVYNKDGKLDLYGK.V	20
PLOG+5022	proteomics_log	2032138	2032185	+	1	5	A.AEVYNKDGKLDLYGK.V	20
PLOG+5023	proteomics_log	2032138	2032185	+	1	5	A.AEVYNKDGKLDLYGK.V	20
PLOG+5024	proteomics_log	2032138	2032185	+	1	5	A.AEVYNKDGKLDLYGK.V	20
PLOG+5025	proteomics_log	2034009	2034035	+	3	13	K.ILVIAADER.Y	13
PLOG+5026	proteomics_log	2034060	2034167	+	3	7	K.LFSTGNHPIETLLPLYHLHAAGFEFEVATISGLMTK.F	40
PLOG+5027	proteomics_log	2034570	2034608	+	3	16	K.MGMNIINDDITGR.V	17
PLOG+5028	proteomics_log	2034615	2034671	+	3	3	H.KDRKLLTGDSPPFAANALGK.L	23
PLOG+5029	proteomics_log	2034624	2034671	+	3	16	R.KLLTGDSPPFAANALGK.L	20
PLOG+5030	proteomics_log	2034627	2034671	+	3	9	K.LLTGDSPPFAANALGK.L	19
PLOG+5031	proteomics_log	2039468	2039557	+	2	3	S.HGHHSHGKPLTEVEQKAANGVFDDANVQNR.T	34
PLOG+5032	proteomics_log	2039468	2039515	+	2	36	S.HGHHSHGKPLTEVEQK.A	20
PLOG+5033	proteomics_log	2039516	2039557	+	2	257	K.AANGVFDDANVQNR.T	18
PLOG+5034	proteomics_log	2039558	2039617	+	2	50	R.TLSDWDGVWQSVYPLLQSGK.L	24
PLOG+5035	proteomics_log	2039558	2039641	+	2	79	R.TLSDWDGVWQSVYPLLQSGKLDPVFQK.A	32
PLOG+5036	proteomics_log	2039558	2039638	+	2	213	R.TLSDWDGVWQSVYPLLQSGKLDPVFQK.K	31
PLOG+5037	proteomics_log	2039582	2039638	+	2	3	V.WQSVYPLLQSGKLDPVFQK.K	23
PLOG+5038	proteomics_log	2039639	2039695	+	2	5	K.KADADKTKTFAEIKDYHK.G	23
PLOG+5039	proteomics_log	2039642	2039695	+	2	3	K.ADADKTKTFAEIKDYHK.G	22
PLOG+5040	proteomics_log	2039663	2039755	+	2	3	K.TFAEIKDYHKGYATDIEMIGIEDGIVEFHR.N	35
PLOG+5041	proteomics_log	2039663	2039695	+	2	34	K.TFAEIKDYHK.G	15
PLOG+5042	proteomics_log	2039696	2039755	+	2	9	K.GYATDIEMIGIEDGIVEFHR.N	24
PLOG+5043	proteomics_log	2039696	2039755	+	2	9	K.GYATDIEM*IGIEDGIVEFHR.N	25
PLOG+5044	proteomics_log	2039780	2039815	+	2	11	K.YDYDGYKILTYK.S	16
PLOG+5045	proteomics_log	2039801	2039836	+	2	5	K.ILTYKSGKKGVR.Y	16
PLOG+5046	proteomics_log	2039861	2039914	+	2	11	P.ESKAPKYIQFSDHIIAPR.K	22
PLOG+5047	proteomics_log	2039870	2039914	+	2	27	K.APKYIQFSDHIIAPR.K	19
PLOG+5048	proteomics_log	2039879	2039917	+	2	5	K.YIQFSDHIIAPR.S	17
PLOG+5049	proteomics_log	2039879	2039914	+	2	199	K.YIQFSDHIIAPR.K	16
PLOG+5050	proteomics_log	2051667	2051723	+	3	5	I.MDSTLISTRPEDEGTLSSLR.A	23
PLOG+5051	proteomics_log	2053085	2053171	+	2	14	H.MNNKGSGLTPAQALDKLDALYEQSVVALR.N	33
PLOG+5052	proteomics_log	2053097	2053171	+	2	9	K.GSGLTPAQALDKLDALYEQSVVALR.N	29
PLOG+5053	proteomics_log	2054885	2054914	+	2	3	V.GRKWANIVAK.K	14
PLOG+5054	proteomics_log	2054915	2054956	+	2	34	K.KTAKDGATSKIYAK.F	18
PLOG+5055	proteomics_log	2054918	2054956	+	2	2	K.TAKDGATSKIYAK.F	17
PLOG+5056	proteomics_log	2054927	2054956	+	2	36	K.DGATSKIYAK.F	14

PLOG+5057	proteomics_log	2054957	2054986	+	2	7	K.FGVEIYAAAK.Q	14
PLOG+5058	proteomics_log	2054987	2055025	+	2	11	K.QGEPDPELNTSLK.F	17
PLOG+5059	proteomics_log	2055065	2055091	+	2	2	K.HVIDKAIDK.A	13
PLOG+5060	proteomics_log	2055065	2055130	+	2	2	K.HVIDKAIDKAKGGGDETFVQGR.Y	26
PLOG+5061	proteomics_log	2055065	2055097	+	2	8	K.HVIDKAIDKAK.G	15
PLOG+5062	proteomics_log	2055080	2055130	+	2	2	K.AIDKAKGGGDETFVQGR.Y	21
PLOG+5063	proteomics_log	2055092	2055130	+	2	3	K.AKGGGDETFVQGR.Y	17
PLOG+5064	proteomics_log	2055098	2055130	+	2	17	K.GGGDETFVQGR.Y	15
PLOG+5065	proteomics_log	2055131	2055196	+	2	3	R.YEGFGPNGSM*IIAETLTSNVNR.T	27
PLOG+5066	proteomics_log	2055131	2055214	+	2	10	R.YEGFGPNGSMIIAETLTSNVNRTIANVR.T	32
PLOG+5067	proteomics_log	2055131	2055196	+	2	122	R.YEGFGPNGSMIIAETLTSNVNR.T	26
PLOG+5068	proteomics_log	2069929	2069997	+	1	4	R.VNPGGSVSDTVISAGGGQSLQGR.A	27
PLOG+5069	proteomics_log	2070400	2070444	+	1	3	K.NGGVAGNTTVNQKGR.L	19
PLOG+5070	proteomics_log	2070400	2070438	+	1	18	K.NGGVAGNTTVNQK.G	17
PLOG+5071	proteomics_log	2070490	2070543	+	1	3	K.QGGALVTSTAATVTGINR.L	22
PLOG+5072	proteomics_log	2070544	2070573	+	1	3	R.LGAFSVVEGK.A	14
PLOG+5073	proteomics_log	2070646	2070675	+	1	3	R.VDDGGTLDVR.N	14
PLOG+5074	proteomics_log	2071756	2071797	+	1	8	R.SHQTGVNGENNSVR.L	18
PLOG+5075	proteomics_log	2072005	2072106	+	1	3	R.AGTVRDDAGSLGGYLNLVHTSSGLWADIVAQGR.H	38
PLOG+5076	proteomics_log	2072600	2072644	+	2	2	A.FRPVMTASAAAALK.G	19
PLOG+5077	proteomics_log	2088327	2088371	+	3	14	Q.RLIAMAENMPIDILR.V	19
PLOG+5078	proteomics_log	2088330	2088371	+	3	4	R.LIAMAENM*PIDILR.V	19
PLOG+5079	proteomics_log	2088330	2088371	+	3	4	R.LIAM*AENM*PIDILR.V	20
PLOG+5080	proteomics_log	2088330	2088371	+	3	12	R.LIAM*AENMPIDILR.V	19
PLOG+5081	proteomics_log	2088330	2088371	+	3	187	R.LIAMAENMPIDILR.V	18
PLOG+5082	proteomics_log	2088366	2088470	+	3	2	I.LRVRDDIPGLVMDGVVDLGIIGENVLEEELNRR.A	39
PLOG+5083	proteomics_log	2088372	2088467	+	3	20	R.VRDDDIPGLVM*DGVVDLGIIGENVLEEELNRR.R	37
PLOG+5084	proteomics_log	2088372	2088470	+	3	49	R.VRDDDIPGLVM*DGVVDLGIIGENVLEEELNRR.A	38
PLOG+5085	proteomics_log	2088372	2088467	+	3	212	R.VRDDDIPGLVMDGVVDLGIIGENVLEEELNRR.R	36
PLOG+5086	proteomics_log	2088372	2088470	+	3	247	R.VRDDDIPGLVMDGVVDLGIIGENVLEEELNRR.A	37
PLOG+5087	proteomics_log	2088531	2088593	+	3	8	R.LSLATPVDEAWDGPLSLNGK.R	25
PLOG+5088	proteomics_log	2088531	2088590	+	3	56	R.LSLATPVDEAWDGPLSLNGK.R	24
PLOG+5089	proteomics_log	2088594	2088626	+	3	70	R.IATSYPHLLKR.Y	15
PLOG+5090	proteomics_log	2088696	2088785	+	3	5	R.AGLADAICDLVSTGATLEANGLREVEVIYR.S	34
PLOG+5091	proteomics_log	2088810	2088851	+	3	5	R.DGEMEESKQQLIDK.L	18
PLOG+5092	proteomics_log	2088810	2088863	+	3	82	R.DGEMEESKQQLIDKLLTR.I	22
PLOG+5093	proteomics_log	2088864	2088887	+	3	3	R.IQGVIQAR.E	12
PLOG+5094	proteomics_log	2088888	2089001	+	3	2	R.ESKYIMMHEADERLDEVIALLPGAERPTILPLAGDQQR.V	42
PLOG+5095	proteomics_log	2088897	2088926	+	3	2	K.YIMMHEADER.L	14
PLOG+5096	proteomics_log	2088897	2089001	+	3	37	K.YIMMHEADERLDEVIALLPGAERPTILPLAGDQQR.V	39
PLOG+5097	proteomics_log	2088927	2089001	+	3	153	R.LDEVIALLPGAERPTILPLAGDQQR.V	29
PLOG+5098	proteomics_log	2089002	2089112	+	3	17	R.VAMHMVSSETLFWETMEKLLKALGASSILVLPKIEKMMME.-	41
PLOG+5099	proteomics_log	2089002	2089103	+	3	37	R.VAMHMVSSETLFWETMEKLLKALGASSILVLPKIEK.M	38
PLOG+5100	proteomics_log	2089002	2089061	+	3	104	R.VAMHMVSSETLFWETMEKLLK.A	24
PLOG+5101	proteomics_log	2089056	2089103	+	3	57	K.LKALGASSILVLPKIEK.M	20
PLOG+5102	proteomics_log	2089062	2089112	+	3	2	K.ALGASSILVLPKIEKMMME.-	21

PLOG+5103	proteomics_log	2089062	2089103	+	3	189	K.ALGASSILVLPK.M	18
PLOG+5104	proteomics_log	2089175	2089222	+	2	77	R.QLLMRPAISASESITR.T	20
PLOG+5105	proteomics_log	2089223	2089258	+	2	4	R.TVNDILDNVKAR.G	16
PLOG+5106	proteomics_log	2089223	2089357	+	2	5	R.TVNDILDNVKARGDEALREYSAKFDKTTVTALKVSAEEIAAASER.L	49
PLOG+5107	proteomics_log	2089223	2089252	+	2	19	R.TVNDILDNVK.A	14
PLOG+5108	proteomics_log	2089259	2089291	+	2	3	R.GDEALREYSAK.F	15
PLOG+5109	proteomics_log	2089292	2089357	+	2	10	K.FDKTTVTALKVSAEEIAAASER.L	26
PLOG+5110	proteomics_log	2089322	2089357	+	2	7	K.VSAEEIAAASER.L	16
PLOG+5111	proteomics_log	2089358	2089399	+	2	4	R.LSDELKQAM*AVAVK.N	19
PLOG+5112	proteomics_log	2089358	2089399	+	2	24	R.LSDELKQAMAVAVK.N	18
PLOG+5113	proteomics_log	2089400	2089429	+	2	3	K.NIETFHTAQK.L	14
PLOG+5114	proteomics_log	2089400	2089468	+	2	32	K.NIETFHTAQKLPVDVETQPGVR.C	27
PLOG+5115	proteomics_log	2089958	2090017	+	2	2	R.RVAEAVERQLAELPRAETAR.Q	24
PLOG+5116	proteomics_log	2089958	2089981	+	2	102	R.RVAEAVER.Q	12
PLOG+5117	proteomics_log	2089982	2090017	+	2	3	R.QLAELPRAETAR.Q	16
PLOG+5118	proteomics_log	2090039	2090119	+	2	10	R.LIVTKDLAQVEISNQYGPEHLIQTR.N	31
PLOG+5119	proteomics_log	2090285	2090365	+	2	8	K.RM*TVQELSKEGFSALASTIETLAAAER.L	32
PLOG+5120	proteomics_log	2090285	2090365	+	2	91	K.RMTVQELSKEGFSALASTIETLAAAER.L	31
PLOG+5121	proteomics_log	2090288	2090398	+	2	2	R.M*TVQELSKEGFSALASTIETLAAAERLTAHKNAVTLR.V	42
PLOG+5122	proteomics_log	2090288	2090311	+	2	2	R.MTVQELSK.E	12
PLOG+5123	proteomics_log	2090288	2090380	+	2	5	R.MTVQELSKEGFSALASTIETLAAAERLTAHK.N	35
PLOG+5124	proteomics_log	2090288	2090398	+	2	6	R.MTVQELSKEGFSALASTIETLAAAERLTAHKNAVTLR.V	41
PLOG+5125	proteomics_log	2090288	2090365	+	2	26	R.M*TVQELSKEGFSALASTIETLAAAER.L	31
PLOG+5126	proteomics_log	2090288	2090365	+	2	137	R.MTVQELSKEGFSALASTIETLAAAER.L	30
PLOG+5127	proteomics_log	2090312	2090365	+	2	188	K.EGFSALASTIETLAAAER.L	22
PLOG+5128	proteomics_log	2090366	2090422	+	2	18	R.LTAHKNAVTLRVNALKEQA.-	23
PLOG+5129	proteomics_log	2090366	2090398	+	2	25	R.LTAHKNAVTLR.V	15
PLOG+5130	proteomics_log	2090381	2090422	+	2	2	K.NAVTLRVNALKEQA.-	18
PLOG+5131	proteomics_log	2090399	2090422	+	2	3	R.VNALKEQA.-	12
PLOG+5132	proteomics_log	2090425	2090454	+	1	12	M.STVTITDLAR.E	14
PLOG+5133	proteomics_log	2090605	2090667	+	1	17	K.AVIENYAQYAGVKPEQVLVSR.G	25
PLOG+5134	proteomics_log	2090668	2090700	+	1	138	R.GADEGIELLIR.A	15
PLOG+5135	proteomics_log	2090797	2090868	+	1	2	R.TVPTLDNWQLDLQGISDKLDGVKV.V	28
PLOG+5136	proteomics_log	2091136	2091219	+	1	32	K.VIAPYPLSTPVADIAAQALSPQGIVAMR.E	32
PLOG+5137	proteomics_log	2091331	2091357	+	1	2	R.FKASSAVFK.S	13
PLOG+5138	proteomics_log	2091427	2091459	+	1	5	R.ITVGTREESQR.V	15
PLOG+5139	proteomics_log	2091460	2091489	+	1	5	R.VIDALRAEQV.-	14
PLOG+5140	proteomics_log	2091522	2091569	+	3	2	R.DGTLISEPPSDFQVDR.F	20
PLOG+5141	proteomics_log	2091831	2091884	+	3	2	R.YLAEQAMDRANSYVIGDR.A	22
PLOG+5142	proteomics_log	2091831	2091857	+	3	2	R.YLAEQAM*DR.A	14
PLOG+5143	proteomics_log	2091831	2091857	+	3	17	R.YLAEQAMDR.A	13
PLOG+5144	proteomics_log	2091858	2091884	+	3	2	R.ANSYVIGDR.A	13
PLOG+5145	proteomics_log	2091885	2091932	+	3	5	R.ATDIQLAENMGITGLR.Y	20
PLOG+5146	proteomics_log	2092056	2092136	+	3	7	R.EGGSKINTGVGFFDHMLDQIATHGGFR.M	31
PLOG+5147	proteomics_log	2092071	2092136	+	3	56	K.INTGVGFFDHMLDQIATHGGFR.M	26
PLOG+5148	proteomics_log	2092155	2092223	+	3	3	K.GDLYIDDHHTVEDTGLALGEALK.I	27



PLOG+5149	proteomics_log	2092155	2092244	+	3	4	K.GDLYIDDHHTVEDTGLALGEALKIALGDKR.G	34
PLOG+5150	proteomics_log	2092359	2092388	+	3	4	R.VGDLSTEM*IE.H	15
PLOG+5151	proteomics_log	2092359	2092400	+	3	98	R.VGDLSTEMIEHFFR.S	18
PLOG+5152	proteomics_log	2092497	2092556	+	3	2	R.TLRQAIRVEGDTLPSSKGV.L-	24
PLOG+5153	proteomics_log	2092506	2092547	+	3	2	R.QAIRVEGDTLPSSK.G	18
PLOG+5154	proteomics_log	2092518	2092547	+	3	4	R.VEGDTLPSSK.G	14
PLOG+5155	proteomics_log	2092643	2092759	+	2	2	K.VSRDPDVLLADKLFPLPGVGTQAAM*DQVRERELFDLIK.A	44
PLOG+5156	proteomics_log	2092643	2092738	+	2	6	K.VSRDPDVLLADKLFPLPGVGTQAAMDQVRER.E	36
PLOG+5157	proteomics_log	2092643	2092732	+	2	28	K.VSRDPDVLLADKLFPLPGVGTQAAMDQVR.E	34
PLOG+5158	proteomics_log	2093123	2093146	+	2	19	K.LLKNFLEM.-	12
PLOG+5159	proteomics_log	2093149	2093193	+	1	3	V.M*IIPALDLIDGTVV.R.L	20
PLOG+5160	proteomics_log	2093149	2093193	+	1	198	V.MIIPALDLIDGTVV.R.L	19
PLOG+5161	proteomics_log	2093194	2093223	+	1	28	R.LHQGDYQKQR.D	14
PLOG+5162	proteomics_log	2093224	2093250	+	1	4	R.DYGNDPLPR.L	13
PLOG+5163	proteomics_log	2093251	2093325	+	1	3	R.LQDYAAQGAEVLHLVLDLTGAKDPAK.R	29
PLOG+5164	proteomics_log	2093251	2093328	+	1	31	R.LQDYAAQGAEVLHLVLDLTGAKDPAKR.Q	30
PLOG+5165	proteomics_log	2093347	2093397	+	1	5	K.TLVAGVNVVPVQVGGGVR.S	21
PLOG+5166	proteomics_log	2093347	2093442	+	1	8	K.TLVAGVNVVPVQVGGGVRSEEDVAALLEAGVAR.V	36
PLOG+5167	proteomics_log	2093422	2093487	+	1	2	L.LEAGVARVVVGSTAVKSQDMVK.G	26
PLOG+5168	proteomics_log	2093443	2093487	+	1	2	R.VVVGSTAVKSQDMVK.G	19
PLOG+5169	proteomics_log	2093503	2093541	+	1	14	R.FGADALVLDV.R.I	17
PLOG+5170	proteomics_log	2093542	2093646	+	1	2	R.IDEQGNKQVAVSGWQENSGVSLEQLVETYLVPVGLK.H	39
PLOG+5171	proteomics_log	2093907	2093939	+	3	4	R.DGQVVKGVQFR.N	15
PLOG+5172	proteomics_log	2093940	2093981	+	3	37	R.NHEIIGDIVPLAKR.Y	18
PLOG+5173	proteomics_log	2093940	2093978	+	3	56	R.NHEIIGDIVPLAK.R	17
PLOG+5174	proteomics_log	2094072	2094119	+	3	4	R.VAEVIDIPFCVAGGIK.S	20
PLOG+5175	proteomics_log	2094120	2094212	+	3	5	K.SLEDAAKILSFGADKISINSPALADPTLITR.L	35
PLOG+5176	proteomics_log	2094141	2094212	+	3	84	K.ILSFGADKISINSPALADPTLITR.L	28
PLOG+5177	proteomics_log	2094165	2094212	+	3	7	K.ISINSPALADPTLITR.L	20
PLOG+5178	proteomics_log	2094321	2094374	+	3	3	R.TRVTQWETLDVWVQEVQKR.G	22
PLOG+5179	proteomics_log	2094375	2094452	+	3	3	R.GAGEIVLNMNNDGVRNGYDLEQLKK.V	30
PLOG+5180	proteomics_log	2094375	2094422	+	3	12	R.GAGEIVLNMNNDGVR.N	20
PLOG+5181	proteomics_log	2094603	2094635	+	3	9	K.AYLATQGVEIR.I	15
PLOG+5182	proteomics_log	2095013	2095072	+	2	3	R.KSADPETSYTAKLYASGTRK.I	24
PLOG+5183	proteomics_log	2095013	2095048	+	2	8	R.KSADPETSYTAK.L	16
PLOG+5184	proteomics_log	2095121	2095240	+	2	2	A.TVHDFELTNEASDLMYHLLVLLQDQGLDITTVIENLRKR.H	44
PLOG+5185	proteomics_log	2095136	2095240	+	2	2	R.FELTNEASDLMYHLLVLLQDQGLDITTVIENLRKR.H	39
PLOG+5186	proteomics_log	2095136	2095234	+	2	4	R.FELTNEASDLMYHLLVLLQDQGLDITTVIENLR.K	37
PLOG+5187	proteomics_log	2096159	2096182	+	2	3	V.HFSFATAK.Y	12
PLOG+5188	proteomics_log	2106698	2106763	+	2	7	E.KAPPIKIKQVNDFLIKITPFTR.L	26
PLOG+5189	proteomics_log	2111976	2112050	+	3	6	Q.MGCHQWQVAHTKWSGLNLKVRPDAR.S	29
PLOG+5190	proteomics_log	2124166	2124192	+	1	7	A.TVLDNKVER.D	13
PLOG+5191	proteomics_log	2131745	2131798	+	2	3	R.RRINQHQVIVFTRPVHQF.G	22
PLOG+5192	proteomics_log	2136931	2137011	+	1	2	R.LVVTDGDDAEDLLGVVHVIDLLQQSLR.G	31
PLOG+5193	proteomics_log	2143041	2143070	+	3	2	G.GEDERLDAGR.S	14
PLOG+5194	proteomics_log	2144042	2144104	+	2	2	R.LAM*LLTAGYSTNFSSRPQKRL.P	26

PLOG+5195	proteomics_log	2161959	2162000	+	3	2	R.LMQLFNLLLENSLR.Y	18
PLOG+5196	proteomics_log	2162336	2162392	+	2	14	R.ILIVEDEPKLGLQLLIDYLR.A	23
PLOG+5197	proteomics_log	2163216	2163239	+	3	5	M.AGWFEFSK.S	12
PLOG+5198	proteomics_log	2163273	2163320	+	3	5	K.AGNGETILTSELYTSK.T	20
PLOG+5199	proteomics_log	2163321	2163353	+	3	9	K.TSAEKGIASVR.S	15
PLOG+5200	proteomics_log	2163426	2163482	+	3	4	K.AANHQIIGSSQMYATAQSR.E	23
PLOG+5201	proteomics_log	2163507	2163542	+	3	7	K.ANGTSQTVKDNT.-	16
PLOG+5202	proteomics_log	2163692	2163742	+	2	7	I.MFKPELLSPAGTLKNMR.Y	21
PLOG+5203	proteomics_log	2163743	2163790	+	2	10	R.YAFAYGADAVYAGQPR.Y	20
PLOG+5204	proteomics_log	2163920	2164006	+	2	2	K.TFIRDLKPVVEMGPDALIMSDPGLIMLVR.E	33
PLOG+5205	proteomics_log	2164610	2164714	+	2	2	R.KAIDDAAGKPFDTSLLETLEGLAHRGYTEGFLRR.H	39
PLOG+5206	proteomics_log	2164610	2164687	+	2	7	R.KAIDDAAGKPFDTSLLETLEGLAHR.G	30
PLOG+5207	proteomics_log	2164613	2164711	+	2	2	K.AIDDAAGKPFDTSLLETLEGLAHRGYTEGFLR.R	37
PLOG+5208	proteomics_log	2164613	2164714	+	2	2	K.AIDDAAGKPFDTSLLETLEGLAHRGYTEGFLRR.H	38
PLOG+5209	proteomics_log	2164613	2164687	+	2	69	K.AIDDAAGKPFDTSLLETLEGLAHR.G	29
PLOG+5210	proteomics_log	2165012	2165050	+	2	40	R.NFSGETTRNPHGK.-	17
PLOG+5211	proteomics_log	2167204	2167248	+	1	2	K.AALGSVSYIIHGLMR.M	19
PLOG+5212	proteomics_log	2179080	2179100	+	3	3	A.TALAKYR.Q	11
PLOG+5213	proteomics_log	2184387	2184461	+	3	2	I.RMPMHEPMPM*TLNDALMVERSPTGK.F	30
PLOG+5214	proteomics_log	2192661	2192690	+	3	14	R.LKENGFIKNR.T	14
PLOG+5215	proteomics_log	2192691	2192750	+	3	8	R.TISQLYDPEKGMFLPDRFVK.G	24
PLOG+5216	proteomics_log	2192847	2192942	+	3	5	K.SVVGATPVMRDSEHFFFDLPSFSEMLQAWTR.S	36
PLOG+5217	proteomics_log	2192880	2192942	+	3	31	R.DSEHFFFDLPSFSEMLQAWTR.S	25
PLOG+5218	proteomics_log	2192943	2192975	+	3	2	R.SGALQEQVANK.M	15
PLOG+5219	proteomics_log	2192976	2193023	+	3	3	K.MQEFWESGLQQWDISR.D	20
PLOG+5220	proteomics_log	2193024	2193119	+	3	5	R.DAPYFGFEIPNAPGKYFYVWLDAPIGYMGFSK.N	36
PLOG+5221	proteomics_log	2193174	2193269	+	3	4	K.DSTAELYHFIGKDIVYFHSLFWPAMLEGSNFR.K	36
PLOG+5222	proteomics_log	2193423	2193464	+	3	9	R.IDDIDLNLEDFVQR.V	18
PLOG+5223	proteomics_log	2193423	2193509	+	3	45	R.IDDIDLNLEDFVQRVNADIVNKVVNLASR.N	33
PLOG+5224	proteomics_log	2193465	2193509	+	3	5	R.VNADIVNKVVNLASR.N	19
PLOG+5225	proteomics_log	2193531	2193629	+	3	2	K.RFDGVLASELADPQLYKTFTDAAEVIWEAWESR.E	37
PLOG+5226	proteomics_log	2193534	2193629	+	3	5	R.FDGVLASELADPQLYKTFTDAAEVIWEAWESR.E	36
PLOG+5227	proteomics_log	2193651	2193719	+	3	5	R.EIMALADLANRYVDEQAPWVVAK.Q	27
PLOG+5228	proteomics_log	2193936	2193977	+	3	9	R.QVEALVEASKEEVK.A	18
PLOG+5229	proteomics_log	2193978	2194055	+	3	16	K.AAAAPVTGPLADDPIQETITFDDFAK.V	30
PLOG+5230	proteomics_log	2194068	2194121	+	3	6	R.VALIENAEFVEGSDKLLR.L	22
PLOG+5231	proteomics_log	2194122	2194151	+	3	20	R.LTLDLGGEKR.N	14
PLOG+5232	proteomics_log	2194173	2194241	+	3	4	R.SAYPDPQALIGRHTIMVANLAPR.K	27
PLOG+5233	proteomics_log	2194209	2194244	+	3	2	R.HTIM*VANLAPR.K	17
PLOG+5234	proteomics_log	2194209	2194241	+	3	26	R.HTIMVANLAPR.K	15
PLOG+5235	proteomics_log	2194251	2194352	+	3	114	R.FGISEGMVMAAGPGGKDIFLLSPDAGAKPGHQVK.-	38
PLOG+5236	proteomics_log	2200407	2200448	+	3	4	Y.EQGHGELLQTVANR.W	18
PLOG+5237	proteomics_log	2204339	2204389	+	2	2	Q.RCGANALRKLTSQNCPR.W	21
PLOG+5238	proteomics_log	2208295	2208345	+	1	5	S.FQAGALAGGQIVSQAAR.R	21
PLOG+5239	proteomics_log	2220210	2220260	+	3	2	M.SSM*TTTDNKAFLNELAR.L	22
PLOG+5240	proteomics_log	2220210	2220236	+	3	8	M.SSMTTTDNK.A	13

PLOG+5241	proteomics_log	2220261	2220308	+	3	3	R.LVGSSHLLTDPAKTAR.Y	20
PLOG+5242	proteomics_log	2220261	2220299	+	3	21	R.LVGSSHLLTDPAK.T	17
PLOG+5243	proteomics_log	2220327	2220386	+	3	15	R.SGQGDALAVVFPGSLLELWR.V	24
PLOG+5244	proteomics_log	2220466	2220546	+	1	2	R.QTVTIMIAM*SLSSAPCVSTSTCTFLARA.N	32
PLOG+5245	proteomics_log	2220541	2220576	+	1	4	A.RANRCWPIRAPR.S	16
PLOG+5246	proteomics_log	2220705	2220740	+	3	9	R.GPAYTEMSLFAR.I	16
PLOG+5247	proteomics_log	2220900	2220932	+	3	4	R.VRDIEADTPAR.Y	15
PLOG+5248	proteomics_log	2221167	2221238	+	3	4	K.YGKDTFLMIDKLGTDKMPFFFNLK.G	28
PLOG+5249	proteomics_log	2221716	2221769	+	3	9	K.GVDVHALKEQMLELLQQR.G	22
PLOG+5250	proteomics_log	2229878	2229991	+	2	52	R.FQTAFACLADNLQSALEPILADKYFPALLTGEQVSSLK.S	42
PLOG+5251	proteomics_log	2230061	2230099	+	2	7	R.TPLSNFNVGAIAR.G	17
PLOG+5252	proteomics_log	2231212	2231271	+	1	3	K.DLIAAGVDPSDIVLDYAGFR.T	24
PLOG+5253	proteomics_log	2233186	2233212	+	1	2	A.AGDIVEGDK.T	13
PLOG+5254	proteomics_log	2248922	2248963	+	2	2	R.AAEIDATAFALFTK.N	18
PLOG+5255	proteomics_log	2249099	2249125	+	2	2	P.VTEALEKSR.D	13
PLOG+5256	proteomics_log	2249120	2249212	+	2	2	K.SRDAFIDEMQRCEQLGLSLLNFHPGSHLMQI.S	35
PLOG+5257	proteomics_log	2249303	2249374	+	2	2	T.AGQGSNLGFKFEHLAAIIDGVEDK.S	28
PLOG+5258	proteomics_log	2249496	2249525	+	3	2	I.CAGCTLTMRK.A	14
PLOG+5259	proteomics_log	2249543	2249596	+	2	2	R.VDRHHSGLGEGNIGHDAFR.W	22
PLOG+5260	proteomics_log	2252538	2252600	+	3	7	L.RVKFMM*SLNSSPAGPPALSIR.A	26
PLOG+5261	proteomics_log	2252960	2253007	+	2	5	F.TVNIIGNDLLTHNGLR.H	20
PLOG+5262	proteomics_log	2263475	2263525	+	2	2	M.PRANEIKKGMVLNYNGK.L	21
PLOG+5263	proteomics_log	2263496	2263525	+	2	2	K.KGMVLNYNGK.L	14
PLOG+5264	proteomics_log	2263499	2263570	+	2	3	K.GMVLNYNGKLLLVDIDIQSPTAR.G	28
PLOG+5265	proteomics_log	2263499	2263525	+	2	11	K.GMVLNYNGK.L	13
PLOG+5266	proteomics_log	2263526	2263570	+	2	347	K.LLLVKDIDIQSPTAR.G	19
PLOG+5267	proteomics_log	2263541	2263570	+	2	17	K.DIDIQSPTAR.G	14
PLOG+5268	proteomics_log	2263571	2263597	+	2	2	R.GAATLYKMR.F	13
PLOG+5269	proteomics_log	2263598	2263636	+	2	15	R.FSDVRTGLKVEER.F	17
PLOG+5270	proteomics_log	2263613	2263636	+	2	26	R.TGLKVEER.F	12
PLOG+5271	proteomics_log	2263637	2263681	+	2	22	R.FKGDDIVDTVTLTRR.Y	19
PLOG+5272	proteomics_log	2263637	2263678	+	2	217	R.FKGDDIVDTVTLTR.R	18
PLOG+5273	proteomics_log	2263928	2263996	+	2	74	R.NKPATLSTGLVIQVPEYLSPEK.I	27
PLOG+5274	proteomics_log	2263928	2264002	+	2	149	R.NKPATLSTGLVIQVPEYLSPEKIR.I	29
PLOG+5275	proteomics_log	2263952	2263996	+	2	2	T.GLVIQVPEYLSPEK.I	19
PLOG+5276	proteomics_log	2264003	2264023	+	2	10	R.IHIEERR.Y	11
PLOG+5277	proteomics_log	2268124	2268183	+	1	3	R.AVGSETSSLQASQDEFENLV.R	24
PLOG+5278	proteomics_log	2271814	2271837	+	1	5	S.RDYDMM*PR.V	13
PLOG+5279	proteomics_log	2272639	2272695	+	1	2	I.IYLVSIPLGIRKAVYNGSR.F	23
PLOG+5280	proteomics_log	2280539	2280568	+	2	2	E.MFTINAEVRK.E	14
PLOG+5281	proteomics_log	2280539	2280580	+	2	2	E.M*FTINAEVRKEQK.G	19
PLOG+5282	proteomics_log	2280539	2280592	+	2	4	E.M*FTINAEVRKEQKGASR.R	23
PLOG+5283	proteomics_log	2280539	2280580	+	2	10	E.MFTINAEVRKEQK.G	18
PLOG+5284	proteomics_log	2280539	2280565	+	2	45	E.M*FTINAEVR.K	14
PLOG+5285	proteomics_log	2280539	2280595	+	2	80	E.MFTINAEVRKEQKGASRR.L	23
PLOG+5286	proteomics_log	2280539	2280592	+	2	166	E.MFTINAEVRKEQKGASR.R	22

PLOG+5287	proteomics_log	2280539	2280565	+	2	239	E.MFTINAEVR.K	13
PLOG+5288	proteomics_log	2280596	2280697	+	2	4	R.LRAANKFPAIYGGKEAPLAIELDHDKVMNMQAK.A	38
PLOG+5289	proteomics_log	2280596	2280640	+	2	5	R.LRAANKFPAIYGGK.E	19
PLOG+5290	proteomics_log	2280596	2280676	+	2	7	R.LRAANKFPAIYGGKEAPLAIELDHDK.V	31
PLOG+5291	proteomics_log	2280596	2280697	+	2	4	R.LRAANKFPAIYGGKEAPLAIELDHDKVM*NM*QAK.A	40
PLOG+5292	proteomics_log	2280602	2280697	+	2	12	R.AANKFPAIYGGKEAPLAIELDHDKVM*NM*QAK.A	38
PLOG+5293	proteomics_log	2280602	2280676	+	2	31	R.AANKFPAIYGGKEAPLAIELDHDK.V	29
PLOG+5294	proteomics_log	2280602	2280640	+	2	145	R.AANKFPAIYGGK.E	17
PLOG+5295	proteomics_log	2280602	2280697	+	2	168	R.AANKFPAIYGGKEAPLAIELDHDKVMNMQAK.A	36
PLOG+5296	proteomics_log	2280611	2280697	+	2	8	N.KFPAIYGGKEAPLAIELDHDKVMNMQAK.A	33
PLOG+5297	proteomics_log	2280614	2280697	+	2	5	K.FPAIYGGKEAPLAIELDHDKVMNMQAK.A	32
PLOG+5298	proteomics_log	2280641	2280697	+	2	2	K.EAPLAIELDHDKVMNM*QAK.A	24
PLOG+5299	proteomics_log	2280641	2280676	+	2	22	K.EAPLAIELDHDK.V	16
PLOG+5300	proteomics_log	2280641	2280697	+	2	89	K.EAPLAIELDHDKVMNMQAK.A	23
PLOG+5301	proteomics_log	2280695	2280757	+	2	3	A.KAEFYSEVLTIVVDGKEIKVK.A	25
PLOG+5302	proteomics_log	2280695	2280751	+	2	3	A.KAEFYSEVLTIVVDGKEIK.V	23
PLOG+5303	proteomics_log	2280698	2280793	+	2	2	K.AEFYSEVLTIVVDGKEIKVKAQDVQRHPYKPK.L	36
PLOG+5304	proteomics_log	2280698	2280775	+	2	15	K.AEFYSEVLTIVVDGKEIKVKAQDVQR.H	30
PLOG+5305	proteomics_log	2280698	2280757	+	2	169	K.AEFYSEVLTIVVDGKEIKVK.A	24
PLOG+5306	proteomics_log	2280698	2280751	+	2	247	K.AEFYSEVLTIVVDGKEIK.V	22
PLOG+5307	proteomics_log	2280698	2280742	+	2	320	K.AEFYSEVLTIVVDGK.E	19
PLOG+5308	proteomics_log	2280719	2280751	+	2	2	V.LTIVVDGKEIK.V	15
PLOG+5309	proteomics_log	2280728	2280751	+	2	2	I.VVDGKEIK.V	12
PLOG+5310	proteomics_log	2280752	2280820	+	2	3	K.VKAQDVQRHPYKPKLQHIDFVRA.-	27
PLOG+5311	proteomics_log	2280752	2280793	+	2	11	K.VKAQDVQRHPYKPK.L	18
PLOG+5312	proteomics_log	2280752	2280775	+	2	40	K.VKAQDVQR.H	12
PLOG+5313	proteomics_log	2280758	2280805	+	2	6	K.AQDVQRHPYKPKLQHI.D	20
PLOG+5314	proteomics_log	2280758	2280820	+	2	45	K.AQDVQRHPYKPKLQHIDFVRA.-	25
PLOG+5315	proteomics_log	2280758	2280793	+	2	90	K.AQDVQRHPYKPK.L	16
PLOG+5316	proteomics_log	2280776	2280820	+	2	2	R.HPYKPKLQHIDFVRA.-	19
PLOG+5317	proteomics_log	2280794	2280820	+	2	4	K.LQHIDFVRA.-	13
PLOG+5318	proteomics_log	2282169	2282225	+	3	57	R.YSDEQVEQLLAELLNPLEK.H	23
PLOG+5319	proteomics_log	2282226	2282312	+	3	8	K.HKAPTDLSLMVLGNMVTNLINTSIAPAQR.Q	33
PLOG+5320	proteomics_log	2282340	2282375	+	3	113	R.ALQSSINEDKAH.-	16
PLOG+5321	proteomics_log	2285023	2285052	+	1	4	R.RDQNQYQNES.N	14
PLOG+5322	proteomics_log	2288525	2288578	+	2	32	M.PEATPFQVMIVDDHPLMR.R	22
PLOG+5323	proteomics_log	2288945	2289037	+	2	3	R.EMFGAEEDPFSVLTERELDVLHELAQGLSNK.Q	35
PLOG+5324	proteomics_log	2299382	2299432	+	2	2	R.SCATACRPIFAGMVPLG.I	21
PLOG+5325	proteomics_log	2302269	2302310	+	3	2	K.KFVTAYLGDAGMLR.Y	18
PLOG+5326	proteomics_log	2305751	2305816	+	2	7	L.NATCAVSSVGNAPTAESSGVRR.N	26
PLOG+5327	proteomics_log	2313688	2313783	+	1	2	R.LISQDYDIFLTDNPSNLASGLLSDESQV.R	36
PLOG+5328	proteomics_log	2314199	2314261	+	2	6	Y.MNNMNVIIADDDHPVIVLFGIRK.S	25
PLOG+5329	proteomics_log	2314199	2314258	+	2	29	Y.MNNMNVIIADDDHPVIVLFGIR.K	24
PLOG+5330	proteomics_log	2314259	2314339	+	2	2	R.KSLEQIEWVNVVGEFEDSTALINNLPK.L	31
PLOG+5331	proteomics_log	2314262	2314339	+	2	7	K.SLEQIEWVNVVGEFEDSTALINNLPK.L	30
PLOG+5332	proteomics_log	2314301	2314387	+	2	2	E.FEDSTALINNLPKLDAHVLTDLISM*PGDK.Y	34

PLOG+5333	proteomics_log	2314340	2314414	+	2	18	K.LDAHVLITDLSMPGDKYGDGITLIK.Y	29
PLOG+5334	proteomics_log	2314427	2314525	+	2	6	R.HFPSLSIIVLTMNNNPAILSAVLDLDDIEGIVLK.Q	37
PLOG+5335	proteomics_log	2314526	2314606	+	2	24	K.QGAPTDLPKALALQKGGKFTPEVSRL	31
PLOG+5336	proteomics_log	2314619	2314648	+	2	7	K.ISAGGYDKR.L	14
PLOG+5337	proteomics_log	2314679	2314717	+	2	27	R.LFAEGFLVTEIAK.K	17
PLOG+5338	proteomics_log	2314730	2314759	+	2	2	R.SIKTISSQKK.S	14
PLOG+5339	proteomics_log	2314775	2314846	+	2	76	K.LGVENDIALLNYSVTLSPADKD.-	28
PLOG+5340	proteomics_log	2320404	2320439	+	3	4	S.GESGTGKELIAR.A	16
PLOG+5341	proteomics_log	2323021	2323092	+	1	2	K.SLLRTAASAAKTPVQGVMLVTFFG.S	28
PLOG+5342	proteomics_log	2325244	2325309	+	1	2	K.TLGLATLCIGGGQGIAMVIERL.N	26
PLOG+5343	proteomics_log	2329297	2329341	+	1	5	R.ILLACSGNISALSPP.P	19
PLOG+5344	proteomics_log	2337589	2337666	+	1	4	P.M*NAEKSPVNHNDHEEIAKFEAVASR.W	31
PLOG+5345	proteomics_log	2337667	2337705	+	1	4	R.WWDLEGEFKPLHR.I	17
PLOG+5346	proteomics_log	2337716	2337784	+	2	2	R.CVWAILPSVLAVYLAKRCSM*SVV.A	28
PLOG+5347	proteomics_log	2337817	2337873	+	1	4	R.EGATVTGLDM*GFEPLQVAK.L	24
PLOG+5348	proteomics_log	2337817	2337873	+	1	104	R.EGATVTGLDMGFEPQVAK.L	23
PLOG+5349	proteomics_log	2337874	2337942	+	1	5	K.LHALESQIQVDYVQETVEEHA.AK.H	27
PLOG+5350	proteomics_log	2338159	2338215	+	1	30	K.FIKPAELLGWVDQTSKER.H	23
PLOG+5351	proteomics_log	2338216	2338308	+	1	2	R.HITGLHYNPITNTFKLPGVDVNYMLHTQNK.-	35
PLOG+5352	proteomics_log	2338216	2338308	+	1	2	R.HITGLHYNPITNTFKLPGVDVNYM*LHTQNK.-	36
PLOG+5353	proteomics_log	2338216	2338260	+	1	11	R.HITGLHYNPITNTFK.L	19
PLOG+5354	proteomics_log	2342935	2342958	+	1	2	R.INLDKIHR.V	12
PLOG+5355	proteomics_log	2342959	2343018	+	1	4	R.VLDWAAEGLHNVSISQVELR.S	24
PLOG+5356	proteomics_log	2344063	2344104	+	1	7	R.VKAVELFSLMMQER.A	18
PLOG+5357	proteomics_log	2344348	2344398	+	1	17	R.ALDALLDYQDYPIPAK.R	21
PLOG+5358	proteomics_log	2344420	2344464	+	1	7	R.TLGIGVINFAYYLAK.H	19
PLOG+5359	proteomics_log	2344513	2344545	+	1	3	K.TFEAIQYLLK.A	15
PLOG+5360	proteomics_log	2344948	2344995	+	1	2	K.FIDQSISANTNYDPSR.F	20
PLOG+5361	proteomics_log	2345653	2345691	+	1	3	R.CWIPFRVVARTWR.Y	17
PLOG+5362	proteomics_log	2345676	2345768	+	3	31	R.SPNVALLPLISIPELETWVETWAFSETIHSR.S	35
PLOG+5363	proteomics_log	2346105	2346167	+	3	14	R.LIARDEALHLLTGTQHMLNLLR.S	25
PLOG+5364	proteomics_log	2346354	2346392	+	3	14	R.MQAVGLDLPFQTR.S	17
PLOG+5365	proteomics_log	2350786	2350815	+	1	14	R.HDIATGATGR.N	14
PLOG+5366	proteomics_log	2351233	2351337	+	1	2	R.VRNHLTGETQALHAPVVVNAAGIWGQHIAEYADLR.I	39
PLOG+5367	proteomics_log	2351386	2351409	+	1	4	R.INQHVINR.C	12
PLOG+5368	proteomics_log	2351662	2351730	+	1	23	R.GIVLLDHAERDGLDGFITITGGK.L	27
PLOG+5369	proteomics_log	2351692	2351730	+	1	3	R.DGLDGFITITGGK.L	17
PLOG+5370	proteomics_log	2351911	2351949	+	1	2	R.HGDRTPAWLSEGR.L	17
PLOG+5371	proteomics_log	2352124	2352183	+	1	5	R.FNVTTSAQSIEQLSTFLNER.W	24
PLOG+5372	proteomics_log	2352767	2352826	+	2	2	R.ELGLAVETAIEIPELDVLR.N	24
PLOG+5373	proteomics_log	2353172	2353201	+	2	4	R.NHADIPRPR.F	14
PLOG+5374	proteomics_log	2353202	2353255	+	2	2	R.FAVLASGSFFSGGLVAER.N	22
PLOG+5375	proteomics_log	2353256	2353309	+	2	7	R.NGIREPILGLDVLQTATR.G	22
PLOG+5376	proteomics_log	2363965	2364012	+	1	2	L.PFSRPAMGVEELAAVK.E	20
PLOG+5377	proteomics_log	2369566	2369616	+	1	2	V.ISCVLTVLPWGLAIAQR.E	21
PLOG+5378	proteomics_log	2380494	2380544	+	3	42	R.SIFPATELANDFTVFNV.-	21

PLOG+5379	proteomics_log	2380768	2380806	+	1	19	Q.LSQTQLSQTFAEK.F	17
PLOG+5380	proteomics_log	2405661	2405684	+	3	2	K.RLEEEGNK.V	12
PLOG+5381	proteomics_log	2405661	2405762	+	3	3	K.RLEEEGNKVLKLNIGNPAPFGFDAPDEILVDVIR.N	38
PLOG+5382	proteomics_log	2405661	2405693	+	3	3	K.RLEEEGNKVLK.L	15
PLOG+5383	proteomics_log	2405694	2405762	+	3	59	K.LNIGNPAPFGFDAPDEILVDVIR.N	27
PLOG+5384	proteomics_log	2405817	2405846	+	3	2	R.KAIMQHYQAR.G	14
PLOG+5385	proteomics_log	2406144	2406176	+	3	2	K.ELLMIVEIAR.Q	15
PLOG+5386	proteomics_log	2406369	2406407	+	3	2	K.GYIEGLEMLASMR.L	17
PLOG+5387	proteomics_log	2407193	2407273	+	2	2	K.LVDMVPEELRDIFAPLIDEHAYSDEEK.S	31
PLOG+5388	proteomics_log	2409545	2409595	+	2	2	Q.ARGICRSVNRNDM*TTRR.Q	22
PLOG+5389	proteomics_log	2411495	2411620	+	2	5	M.SSKLVLVLCGSSSLKFAIIDAVNGEEYLSGLAECFHLPEAR.I	46
PLOG+5390	proteomics_log	2411786	2411899	+	2	21	K.YTSSVVIDESVIQGIKDAASFAPLHNPAHLIGIEEALK.S	42
PLOG+5391	proteomics_log	2411924	2412007	+	2	2	K.NVAVFDATAFHQTMPEESYLYALPNLYK.E	32
PLOG+5392	proteomics_log	2412023	2412076	+	2	28	R.RYGAHGTSHFYVTQEAAK.M	22
PLOG+5393	proteomics_log	2412026	2412076	+	2	67	R.YGAHGTSHFYVTQEAAK.M	21
PLOG+5394	proteomics_log	2412077	2412154	+	2	4	K.MLNKPVEELNIITCHLGNNGSVSAIR.N	30
PLOG+5395	proteomics_log	2412077	2412163	+	2	11	K.MLNKPVEELNIITCHLGNNGSVSAIRNGK.C	33
PLOG+5396	proteomics_log	2412101	2412154	+	2	2	E.LNIITCHLGNNGSVSAIR.N	22
PLOG+5397	proteomics_log	2412164	2412220	+	2	12	K.CVDTSMGLTPLEGLVMGTR.S	23
PLOG+5398	proteomics_log	2412221	2412352	+	2	4	R.SGDIDPAIIFHLHDTLGMSSVDAINKLLTKESGLLGLTEVTSDCR.Y	48
PLOG+5399	proteomics_log	2412221	2412307	+	2	15	R.SGDIDPAIIFHLHDTLGM*SVDAINKLLTK.E	34
PLOG+5400	proteomics_log	2412221	2412307	+	2	175	R.SGDIDPAIIFHLHDTLGMSSVDAINKLLTK.E	33
PLOG+5401	proteomics_log	2412308	2412352	+	2	2	K.ESGLLGLTEVTSDCR.Y	19
PLOG+5402	proteomics_log	2412353	2412391	+	2	4	R.YVEDNYATKEDAK.R	17
PLOG+5403	proteomics_log	2412353	2412394	+	2	35	R.YVEDNYATKEDAKR.A	18
PLOG+5404	proteomics_log	2412419	2412517	+	2	4	R.LAKYIGAYTALMDGRLDAVVFTGGIGENAAMVR.E	37
PLOG+5405	proteomics_log	2412428	2412463	+	2	23	K.YIGAYTALMDGR.L	16
PLOG+5406	proteomics_log	2412428	2412517	+	2	33	K.YIGAYTALMDGRLDAVVFTGGIGENAAMVR.E	34
PLOG+5407	proteomics_log	2412464	2412517	+	2	15	R.LDAVVFTGGIGENAAMVR.E	22
PLOG+5408	proteomics_log	2412518	2412586	+	2	34	R.ELSLGKLGVLGFVDHERNLAAR.F	27
PLOG+5409	proteomics_log	2412518	2412571	+	2	192	R.ELSLGKLGVLGFVDHER.N	22
PLOG+5410	proteomics_log	2412536	2412571	+	2	80	K.LGVLGFVDHER.N	16
PLOG+5411	proteomics_log	2412587	2412682	+	2	10	R.FGKSGFINKEGTRPAVVIPTNEELVIAQDASR.L	36
PLOG+5412	proteomics_log	2412596	2412691	+	2	61	K.SGFINKEGTRPAVVIPTNEELVIAQDASRLTA.-	36
PLOG+5413	proteomics_log	2412596	2412682	+	2	178	K.SGFINKEGTRPAVVIPTNEELVIAQDASR.L	33
PLOG+5414	proteomics_log	2412614	2412682	+	2	120	K.EGTRPAVVIPTNEELVIAQDASR.L	27
PLOG+5415	proteomics_log	2412772	2412855	+	1	2	V.SRIIMLIPTGTSVGLTSVSLGVIRAMER.K	32
PLOG+5416	proteomics_log	2412772	2412843	+	1	110	V.SRIIMLIPTGTSVGLTSVSLGVIR.A	28
PLOG+5417	proteomics_log	2412778	2412843	+	1	75	R.IIMLIPTGTSVGLTSVSLGVIR.A	26
PLOG+5418	proteomics_log	2412793	2412843	+	1	25	I.PTGTSVGLTSVSLGVIR.A	21
PLOG+5419	proteomics_log	2412868	2412900	+	1	22	R.LSVFKPIAQPR.T	15
PLOG+5420	proteomics_log	2412901	2412942	+	1	67	R.TGGDAPDQTTTIVR.A	18
PLOG+5421	proteomics_log	2412943	2412981	+	1	2	R.ANSSTTTAAEPLK.M	17
PLOG+5422	proteomics_log	2413111	2413152	+	1	2	R.KHQFAQSLNYEIAK.T	18
PLOG+5423	proteomics_log	2413114	2413152	+	1	12	K.HQFAQSLNYEIAK.T	17
PLOG+5424	proteomics_log	2413153	2413221	+	1	44	K.TLNAEIVFMSQGTDTPEQLKER.I	27

PLOG+5425	proteomics_log	2413237	2413320	+	1	24	R.NSFGGAKNTNITGVIVNKLNAPVDEQGR.T	32
PLOG+5426	proteomics_log	2413258	2413290	+	1	2	K.NTNITGVIVNK.L	15
PLOG+5427	proteomics_log	2413258	2413320	+	1	5	K.NTNITGVIVNKLNAPVDEQGR.T	25
PLOG+5428	proteomics_log	2413363	2413461	+	1	4	K.AKVVNVDPAKLQESSPLPVLGAVPWSFDLIATR.A	37
PLOG+5429	proteomics_log	2413369	2413461	+	1	101	K.VNNVDPAKLQESSPLPVLGAVPWSFDLIATR.A	35
PLOG+5430	proteomics_log	2413393	2413461	+	1	21	K.LQESSPLPVLGAVPWSFDLIATR.A	27
PLOG+5431	proteomics_log	2413480	2413527	+	1	4	R.HLNATIINEGDINTRR.V	20
PLOG+5432	proteomics_log	2413480	2413524	+	1	25	R.HLNATIINEGDINTR.R	19
PLOG+5433	proteomics_log	2413555	2413584	+	1	2	R.SIPHMLEHFR.A	14
PLOG+5434	proteomics_log	2413924	2413947	+	1	3	R.RLSPPAFR.Y	12
PLOG+5435	proteomics_log	2413924	2413971	+	1	4	R.RLSPPAFRYQLTELAR.K	20
PLOG+5436	proteomics_log	2413948	2413971	+	1	57	R.YQLTELAR.K	12
PLOG+5437	proteomics_log	2413984	2414025	+	1	2	K.RIVLPEGDEPRTVK.A	18
PLOG+5438	proteomics_log	2413987	2414025	+	1	11	R.IVLPEGDEPRTVK.A	17
PLOG+5439	proteomics_log	2413987	2414016	+	1	13	R.IVLPEGDEPR.T	14
PLOG+5440	proteomics_log	2414017	2414052	+	1	5	R.TVKAACAERG.I	16
PLOG+5441	proteomics_log	2414026	2414049	+	1	2	K.AAAICAER.G	12
PLOG+5442	proteomics_log	2414050	2414097	+	1	7	R.GIATCVLLGNPAEINR.V	20
PLOG+5443	proteomics_log	2414182	2414229	+	1	4	R.LVELRKNKGMTETVAR.E	20
PLOG+5444	proteomics_log	2414197	2414229	+	1	2	R.KNKGMTETVAR.E	15
PLOG+5445	proteomics_log	2414200	2414229	+	1	11	K.NKGMTETVAR.E	14
PLOG+5446	proteomics_log	2414230	2414355	+	1	19	R.EQLEDNVVLGTLML*LEQDEVDGLVSGAVHTTANTIRPPLQLIK.T	47
PLOG+5447	proteomics_log	2414230	2414355	+	1	105	R.EQLEDNVVLGTLML*LEQDEVDGLVSGAVHTTANTIRPPLQLIK.T	46
PLOG+5448	proteomics_log	2414356	2414394	+	1	4	K.TAPGSSLVSSVFF.M	17
PLOG+5449	proteomics_log	2414434	2414523	+	1	3	C.AINPDPTAEQLAEIAIQSADSAAAFGIEPR.V	34
PLOG+5450	proteomics_log	2414524	2414598	+	1	2	R.VAM*LSYSTGTSGAGSDVEKVREATR.L	30
PLOG+5451	proteomics_log	2414524	2414586	+	1	8	R.VAMLSYSTGTSGAGSDVEKVR.E	25
PLOG+5452	proteomics_log	2414524	2414580	+	1	25	R.VAMLSYSTGTSGAGSDVEK.V	23
PLOG+5453	proteomics_log	2414524	2414598	+	1	54	R.VAMLSYSTGTSGAGSDVEKVREATR.L	29
PLOG+5454	proteomics_log	2414599	2414679	+	1	102	R.LAQEKRPDLMDGPLQYDAAVMADVAK.S	31
PLOG+5455	proteomics_log	2414680	2414712	+	1	28	K.SKAPNSPVAGR.A	15
PLOG+5456	proteomics_log	2414713	2414775	+	1	21	R.ATVFIFPDLNTGNTTYKAVQR.S	25
PLOG+5457	proteomics_log	2414713	2414763	+	1	89	R.ATVFIFPDLNTGNTTYK.A	21
PLOG+5458	proteomics_log	2414776	2414910	+	1	2	R.SADLISIGPM*LQGM*RKPVNDLSRGALVDDIVYTIALTAIQSAQQQ.-	51
PLOG+5459	proteomics_log	2414776	2414910	+	1	8	R.SADLISIGPMLQGM*RKPVNDLSRGALVDDIVYTIALTAIQSAQQQ.-	49
PLOG+5460	proteomics_log	2414776	2414820	+	1	61	R.SADLISIGPMLQGM.R.K	19
PLOG+5461	proteomics_log	2414821	2414844	+	1	5	R.KPVNDLSR.G	12
PLOG+5462	proteomics_log	2414821	2414910	+	1	26	R.KPVNDLSRGALVDDIVYTIALTAIQSAQQQ.-	34
PLOG+5463	proteomics_log	2414845	2414895	+	1	2	R.GALVDDIVYTIALTAIQ.S	21
PLOG+5464	proteomics_log	2414845	2414910	+	1	350	R.GALVDDIVYTIALTAIQSAQQQ.-	26
PLOG+5465	proteomics_log	2419485	2419520	+	3	22	R.TSEDINDALNYR.T	16
PLOG+5466	proteomics_log	2419521	2419610	+	3	3	R.TVTKNIIQHVENNRFSLLEKLTQDVLDIAR.E	34
PLOG+5467	proteomics_log	2419533	2419562	+	3	10	K.NIIQHVENNR.F	14
PLOG+5468	proteomics_log	2419533	2419610	+	3	81	K.NIIQHVENNRFSLLEKLTQDVLDIAR.E	30
PLOG+5469	proteomics_log	2419563	2419610	+	3	64	R.FSLLEKLTQDVLDIAR.E	20
PLOG+5470	proteomics_log	2419581	2419610	+	3	31	K.LTQDVLDIAR.E	14

PLOG+5471	proteomics_log	2419611	2419667	+	3	6	R.EHHWVTYAEVEIDKLHALR.Y	23
PLOG+5472	proteomics_log	2419862	2419954	+	2	7	R.VTLWQGLADQSNLNGVDVINLAGEPIADKR.W	35
PLOG+5473	proteomics_log	2420552	2420581	+	2	2	K.RLEEAGFAFR.W	14
PLOG+5474	proteomics_log	2420582	2420620	+	2	8	R.WYDLEEALADVVR.-	17
PLOG+5475	proteomics_log	2429407	2429481	+	1	2	R.FRFLKGVIGCNSGRIERRCCGITCP.H	29
PLOG+5476	proteomics_log	2429593	2429628	+	1	2	R.ELILIMFFLPVQ.Q	16
PLOG+5477	proteomics_log	2438710	2438778	+	1	2	H.VANRSRSTVGVQVIDWGINAMHR.H	27
PLOG+5478	proteomics_log	2439013	2439105	+	1	51	R.THCVEFASHFPAQLFAAASKHDVLFQLDLL.Y	35
PLOG+5479	proteomics_log	2442094	2442165	+	1	2	W.PRKYPLANNSSSLAWSTIPSINAR.M	28
PLOG+5480	proteomics_log	2446739	2446765	+	2	4	K.KISEVPVKR.L	13
PLOG+5481	proteomics_log	2453393	2453455	+	2	2	G.SGHCFLSIKYAILQANLEIFR.R	25
PLOG+5482	proteomics_log	2456780	2456818	+	2	3	H.RFRIVSTNATVAR.Q	17
PLOG+5483	proteomics_log	2459403	2459447	+	3	59	S.AGFQLNEFSSSGLGR.A	19
PLOG+5484	proteomics_log	2465287	2465319	+	1	2	S.MLWKNVDFENR.I	15
PLOG+5485	proteomics_log	2466236	2466307	+	2	2	E.MKISLVVPVFNEEEAIPFYKTVR.E	28
PLOG+5486	proteomics_log	2466236	2466298	+	2	7	E.MKISLVVPVFNEEEAIPFYK.T	25
PLOG+5487	proteomics_log	2466242	2466298	+	2	2	K.ISLVVPVFNEEEAIPFYK.T	23
PLOG+5488	proteomics_log	2466440	2466559	+	2	4	R.NFGKEPALFAGLDHATGDAIIPIDVDLQDPIEVIPLIEK.W	44
PLOG+5489	proteomics_log	2472294	2472335	+	3	8	R.CFIDADNM*RAVSVL.N	19
PLOG+5490	proteomics_log	2472502	2472534	+	1	19	L.MLMVTPFRQQK.R	15
PLOG+5491	proteomics_log	2482164	2482235	+	3	2	R.FVGSLTSDQQKLDLSKQEISVMR.Y	28
PLOG+5492	proteomics_log	2482236	2482277	+	3	2	R.YILDGKDNNDIAEK.M	18
PLOG+5493	proteomics_log	2482344	2482376	+	3	9	K.SLMDLYTFAQR.N	15
PLOG+5494	proteomics_log	2500736	2500846	+	2	4	R.RNDGVIGLYSGDTRGLLRSTAYRYWVISLEPILKST.S	41
PLOG+5495	proteomics_log	2516648	2516734	+	2	5	R.NAERPEGQGEAPALSGDAPLEVLLVTLAK.E	33
PLOG+5496	proteomics_log	2516663	2516734	+	2	2	P.EGQGEAPALSGDAPLEVLLVTLAK.E	28
PLOG+5497	proteomics_log	2527136	2527156	+	2	2	R.YSPARLQ.H	11
PLOG+5498	proteomics_log	2530434	2530511	+	3	5	M.SKIFEDNSLTIGHTPLVRLNRIGNR.I	30
PLOG+5499	proteomics_log	2530434	2530496	+	3	195	M.SKIFEDNSLTIGHTPLVRLNR.I	25
PLOG+5500	proteomics_log	2530434	2530487	+	3	648	M.SKIFEDNSLTIGHTPLVR.L	22
PLOG+5501	proteomics_log	2530440	2530487	+	3	70	K.IFEDNSLTIGHTPLVR.L	20
PLOG+5502	proteomics_log	2530497	2530556	+	3	6	R.IGNGRILAKVESRNPSFSVK.C	24
PLOG+5503	proteomics_log	2530497	2530523	+	3	18	R.IGNGRILAK.V	13
PLOG+5504	proteomics_log	2530512	2530562	+	3	7	R.ILAKVESRNPSFSVKCR.I	21
PLOG+5505	proteomics_log	2530512	2530535	+	3	48	R.ILAKVESR.N	12
PLOG+5506	proteomics_log	2530512	2530556	+	3	227	R.ILAKVESRNPSFSVK.C	19
PLOG+5507	proteomics_log	2530524	2530556	+	3	199	K.VESRNPSFSVK.C	15
PLOG+5508	proteomics_log	2530536	2530556	+	3	46	R.NPSFSVK.C	11
PLOG+5509	proteomics_log	2530563	2530595	+	3	2	R.IGANM*IWDAEK.R	16
PLOG+5510	proteomics_log	2530563	2530598	+	3	6	R.IGANM*IWDAEKR.G	17
PLOG+5511	proteomics_log	2530563	2530682	+	3	10	R.IGANM*IWDAEKRGVLKPGVELVEPTSGNTGIALAYVAAAR.G	45
PLOG+5512	proteomics_log	2530563	2530598	+	3	130	R.IGANMIWDAEKR.G	16
PLOG+5513	proteomics_log	2530563	2530595	+	3	155	R.IGANMIWDAEK.R	15
PLOG+5514	proteomics_log	2530563	2530682	+	3	187	R.IGANMIWDAEKRGVLKPGVELVEPTSGNTGIALAYVAAAR.G	44
PLOG+5515	proteomics_log	2530596	2530682	+	3	98	K.RGVLKPGVELVEPTSGNTGIALAYVAAAR.G	33
PLOG+5516	proteomics_log	2530599	2530682	+	3	485	R.GVLKPGVELVEPTSGNTGIALAYVAAAR.G	32



PLOG+5517	proteomics_log	2530683	2530718	+	3	4	R.GYKLTLMPEM.S	16
PLOG+5518	proteomics_log	2530683	2530736	+	3	7	R.GYKLTLMPEMMSIERRK.L	22
PLOG+5519	proteomics_log	2530683	2530730	+	3	11	R.GYKLTLM*PEM*SIER.R	22
PLOG+5520	proteomics_log	2530683	2530730	+	3	12	R.GYKLTLM*PEMSIER.R	21
PLOG+5521	proteomics_log	2530683	2530730	+	3	16	R.GYKLTLMPEM*SIER.R	21
PLOG+5522	proteomics_log	2530683	2530733	+	3	69	R.GYKLTLMPEMMSIERR.K	21
PLOG+5523	proteomics_log	2530683	2530730	+	3	535	R.GYKLTLMPEMMSIER.R	20
PLOG+5524	proteomics_log	2530692	2530718	+	3	2	K.LTLM*PEM*.S	15
PLOG+5525	proteomics_log	2530692	2530730	+	3	2	K.LTLM*PEM*SIER.R	19
PLOG+5526	proteomics_log	2530692	2530730	+	3	4	K.LTLM*PEMSIER.R	18
PLOG+5527	proteomics_log	2530692	2530730	+	3	173	K.LTLMPEMMSIER.R	17
PLOG+5528	proteomics_log	2530731	2530784	+	3	12	R.RKLLKALGANLVLTEGAK.G	22
PLOG+5529	proteomics_log	2530734	2530784	+	3	17	R.KLLKALGANLVLTEGAK.G	21
PLOG+5530	proteomics_log	2530737	2530841	+	3	3	K.LLKALGANLVLTEGAKGMKGAIQKAEIIVASNPEK.Y	39
PLOG+5531	proteomics_log	2530737	2530793	+	3	4	K.LLKALGANLVLTEGAKGMK.G	23
PLOG+5532	proteomics_log	2530737	2530784	+	3	113	K.LLKALGANLVLTEGAK.G	20
PLOG+5533	proteomics_log	2530746	2530841	+	3	5	K.ALGANLVLTEGAKGM*KGAIQKAEIIVASNPEK.Y	37
PLOG+5534	proteomics_log	2530746	2530808	+	3	11	K.ALGANLVLTEGAKGMKGAIQK.A	25
PLOG+5535	proteomics_log	2530746	2530793	+	3	107	K.ALGANLVLTEGAKGMK.G	20
PLOG+5536	proteomics_log	2530746	2530841	+	3	147	K.ALGANLVLTEGAKGMKGAIQKAEIIVASNPEK.Y	36
PLOG+5537	proteomics_log	2530746	2530784	+	3	434	K.ALGANLVLTEGAK.G	17
PLOG+5538	proteomics_log	2530755	2530841	+	3	9	G.ANLVLTEGAKGMKGAIQKAEIIVASNPEK.Y	33
PLOG+5539	proteomics_log	2530785	2530841	+	3	10	K.GM*KGAIQKAEIIVASNPEK.Y	24
PLOG+5540	proteomics_log	2530785	2530895	+	3	28	K.GM*KGAIQKAEIIVASNPEKYLLLQQFSNPANPEIHEK.T	42
PLOG+5541	proteomics_log	2530785	2530895	+	3	102	K.GMKGAIQKAEIIVASNPEKYLLLQQFSNPANPEIHEK.T	41
PLOG+5542	proteomics_log	2530785	2530841	+	3	187	K.GMKGAIQKAEIIVASNPEK.Y	23
PLOG+5543	proteomics_log	2530794	2530895	+	3	202	K.GAIQKAEIIVASNPEKYLLLQQFSNPANPEIHEK.T	38
PLOG+5544	proteomics_log	2530794	2530841	+	3	209	K.GAIQKAEIIVASNPEK.Y	20
PLOG+5545	proteomics_log	2530809	2530895	+	3	124	K.AEEIVASNPEKYLLLQQFSNPANPEIHEK.T	33
PLOG+5546	proteomics_log	2530809	2530841	+	3	145	K.AEEIVASNPEK.Y	15
PLOG+5547	proteomics_log	2530842	2530895	+	3	409	K.YLLLQQFSNPANPEIHEK.T	22
PLOG+5548	proteomics_log	2530845	2530895	+	3	2	Y.LLLQQFSNPANPEIHEK.T	21
PLOG+5549	proteomics_log	2530896	2530991	+	3	93	K.TTGPEIWEDTDGQVDVFIAGVGTGGTLTGVS.R.Y	36
PLOG+5550	proteomics_log	2530953	2530991	+	3	2	A.GVGTGGTLTGVS.R.Y	17
PLOG+5551	proteomics_log	2531010	2531156	+	3	8	K.GKTDLISVAVEPTDSPVIAQALAGEEIKPGPHKIQQGIGAGFIPANLDL.K.L	53
PLOG+5552	proteomics_log	2531010	2531108	+	3	72	K.GKTDLISVAVEPTDSPVIAQALAGEEIKPGPHK.I	37
PLOG+5553	proteomics_log	2531016	2531156	+	3	2	K.TDLISVAVEPTDSPVIAQALAGEEIKPGPHKIQQGIGAGFIPANLDL.K.L	51
PLOG+5554	proteomics_log	2531109	2531168	+	3	4	K.IQGIGAGFIPANLDLKLVDK.V	24
PLOG+5555	proteomics_log	2531109	2531213	+	3	45	K.IQGIGAGFIPANLDLKLVDKVVIGITNEEAISTARR.L	39
PLOG+5556	proteomics_log	2531109	2531156	+	3	221	K.IQGIGAGFIPANLDL.K.L	20
PLOG+5557	proteomics_log	2531109	2531210	+	3	225	K.IQGIGAGFIPANLDLKLVDKVVIGITNEEAISTAR.R	38
PLOG+5558	proteomics_log	2531157	2531213	+	3	57	K.LVDKVVIGITNEEAISTARR.L	23
PLOG+5559	proteomics_log	2531157	2531210	+	3	517	K.LVDKVVIGITNEEAISTAR.R	22
PLOG+5560	proteomics_log	2531169	2531210	+	3	111	K.VIGITNEEAISTAR.R	18
PLOG+5561	proteomics_log	2531211	2531309	+	3	4	R.RLM*EEEGILAGISSGAAVAAALKLQEDESFTNK.N	38
PLOG+5562	proteomics_log	2531211	2531279	+	3	12	R.RLM*EEEGILAGISSGAAVAAALK.L	28

PLOG+5563	proteomics_log	2531211	2531345	+	3	17	R.RLM*EEEGILAGISSGAAVAAALKLQEDESFTNKNIVVILPSSGER.Y	50
PLOG+5564	proteomics_log	2531211	2531345	+	3	64	R.RLMEEEGILAGISSGAAVAAALKLQEDESFTNKNIVVILPSSGER.Y	49
PLOG+5565	proteomics_log	2531211	2531309	+	3	108	R.RLMEEEGILAGISSGAAVAAALKLQEDESFTNK.N	37
PLOG+5566	proteomics_log	2531211	2531279	+	3	130	R.RLMEEEGILAGISSGAAVAAALK.L	27
PLOG+5567	proteomics_log	2531214	2531309	+	3	7	R.LMEEEGILAGISSGAAVAAALKLQEDESFTNK.N	36
PLOG+5568	proteomics_log	2531214	2531345	+	3	19	R.LM*EEEGILAGISSGAAVAAALKLQEDESFTNKNIVVILPSSGER.Y	49
PLOG+5569	proteomics_log	2531214	2531279	+	3	24	R.LM*EEEGILAGISSGAAVAAALK.L	27
PLOG+5570	proteomics_log	2531214	2531345	+	3	31	R.LMEEEGILAGISSGAAVAAALKLQEDESFTNKNIVVILPSSGER.Y	48
PLOG+5571	proteomics_log	2531214	2531279	+	3	108	R.LMEEEGILAGISSGAAVAAALK.L	26
PLOG+5572	proteomics_log	2531280	2531345	+	3	32	K.LQEDESFTNKNIVVILPSSGER.Y	26
PLOG+5573	proteomics_log	2531280	2531309	+	3	50	K.LQEDESFTNK.N	14
PLOG+5574	proteomics_log	2531310	2531345	+	3	77	K.NIVVILPSSGER.Y	16
PLOG+5575	proteomics_log	2531346	2531384	+	3	12	R.YLSTALFADLFTE.K	17
PLOG+5576	proteomics_log	2531346	2531390	+	3	129	R.YLSTALFADLFTEKE.L	19
PLOG+5577	proteomics_log	2531346	2531387	+	3	248	R.YLSTALFADLFTEK.E	18
PLOG+5578	proteomics_log	2531346	2531399	+	3	708	R.YLSTALFADLFTEKELQQ.-	22
PLOG+5579	proteomics_log	2531786	2531866	+	2	11	T.M*FQQEVTITAPNGLHTRPAAQFVKEAK.G	32
PLOG+5580	proteomics_log	2531786	2531857	+	2	49	T.M*FQQEVTITAPNGLHTRPAAQFVK.E	29
PLOG+5581	proteomics_log	2531786	2531866	+	2	207	T.MFQQEVTITAPNGLHTRPAAQFVKEAK.G	31
PLOG+5582	proteomics_log	2531786	2531857	+	2	352	T.MFQQEVTITAPNGLHTRPAAQFVK.E	28
PLOG+5583	proteomics_log	2531858	2531920	+	2	8	K.EAKGFTSEITVTSNGKSASAK.S	25
PLOG+5584	proteomics_log	2531858	2531905	+	2	11	K.EAKGFTSEITVTSNGK.S	20
PLOG+5585	proteomics_log	2531867	2531920	+	2	186	K.GFTSEITVTSNGKSASAK.S	22
PLOG+5586	proteomics_log	2531867	2531905	+	2	220	K.GFTSEITVTSNGK.S	17
PLOG+5587	proteomics_log	2531921	2532040	+	2	101	K.SLFLKQTLGLTQGTVVITSAEGEDEQKAVEHLVKLMAELE.-	44
PLOG+5588	proteomics_log	2531921	2532022	+	2	213	K.SLFLKQTLGLTQGTVVITSAEGEDEQKAVEHLVK.L	38
PLOG+5589	proteomics_log	2531933	2532040	+	2	42	K.LQTLGLTQGTVVITSAEGEDEQKAVEHLVKLMAELE.-	40
PLOG+5590	proteomics_log	2531933	2532022	+	2	209	K.LQTLGLTQGTVVITSAEGEDEQKAVEHLVK.L	34
PLOG+5591	proteomics_log	2532002	2532040	+	2	2	K.AVEHLVKLMAELE.-	17
PLOG+5592	proteomics_log	2532088	2532174	+	1	4	V.MISGILASPGIAFGKALLLKEDEIVDRK.K	33
PLOG+5593	proteomics_log	2532088	2532171	+	1	13	V.MISGILASPGIAFGKALLLKEDEIVDR.K	32
PLOG+5594	proteomics_log	2532088	2532132	+	1	45	V.M*ISGILASPGIAFGK.A	20
PLOG+5595	proteomics_log	2532088	2532132	+	1	125	V.MISGILASPGIAFGK.A	19
PLOG+5596	proteomics_log	2532133	2532213	+	1	15	K.ALLLKEDEIVDRKKISADQVDQEVER.F	31
PLOG+5597	proteomics_log	2532133	2532177	+	1	48	K.ALLLKEDEIVDRKK.I	19
PLOG+5598	proteomics_log	2532133	2532174	+	1	103	K.ALLLKEDEIVDRK.K	18
PLOG+5599	proteomics_log	2532133	2532171	+	1	215	K.ALLLKEDEIVDR.K	17
PLOG+5600	proteomics_log	2532172	2532228	+	1	2	R.KKISADQVDQEVERFLSGR.A	23
PLOG+5601	proteomics_log	2532172	2532213	+	1	135	R.KKISADQVDQEVER.F	18
PLOG+5602	proteomics_log	2532175	2532228	+	1	6	K.KISADQVDQEVERFLSGR.A	22
PLOG+5603	proteomics_log	2532175	2532213	+	1	130	K.KISADQVDQEVER.F	17
PLOG+5604	proteomics_log	2532178	2532228	+	1	4	K.ISADQVDQEVERFLSGR.A	21
PLOG+5605	proteomics_log	2532178	2532213	+	1	136	K.ISADQVDQEVER.F	16
PLOG+5606	proteomics_log	2532229	2532261	+	1	17	R.AKASAQLETIK.T	15
PLOG+5607	proteomics_log	2532229	2532267	+	1	133	R.AKASAQLETIKTK.A	17
PLOG+5608	proteomics_log	2532235	2532261	+	1	6	K.ASAQLETIK.T	13

PLOG+5609	proteomics_log	2532235	2532267	+	1	181	K.ASAQLETIKTK.A	15
PLOG+5610	proteomics_log	2532268	2532369	+	1	10	K.AGETFGEEKEAIFEGHIMLLEDEELEEQEIILIK.D	38
PLOG+5611	proteomics_log	2532268	2532375	+	1	39	K.AGETFGEEKEAIFEGHIMLLEDEELEEQEIILIKDK.H	40
PLOG+5612	proteomics_log	2532295	2532375	+	1	18	K.EAIFEGHIMLLEDEELEEQEIILIKDK.H	31
PLOG+5613	proteomics_log	2532376	2532459	+	1	2	K.HMTADAAAHEVIEGQASALEELDDEYLK.E	32
PLOG+5614	proteomics_log	2532376	2532465	+	1	47	K.HMTADAAAHEVIEGQASALEELDDEYLKER.A	34
PLOG+5615	proteomics_log	2532496	2532522	+	1	47	R.LLRNILGLK.I	13
PLOG+5616	proteomics_log	2532505	2532612	+	1	6	R.NILGLKIIDLSAIQDEVILVAADLTPSETAQLNLKK.V	40
PLOG+5617	proteomics_log	2532523	2532645	+	1	68	K.IIDLSAIQDEVILVAADLTPSETAQLNLKKVLGFITDAGGR.T	45
PLOG+5618	proteomics_log	2532523	2532609	+	1	81	K.IIDLSAIQDEVILVAADLTPSETAQLNLK.K	33
PLOG+5619	proteomics_log	2532523	2532612	+	1	338	K.IIDLSAIQDEVILVAADLTPSETAQLNLKK.V	34
PLOG+5620	proteomics_log	2532610	2532672	+	1	3	K.KVLGFITDAGGRTSHTSIMAR.S	25
PLOG+5621	proteomics_log	2532610	2532645	+	1	37	K.KVLGFITDAGGR.T	16
PLOG+5622	proteomics_log	2532613	2532672	+	1	2	K.VLGFITDAGGRTSHTSIM*AR.S	25
PLOG+5623	proteomics_log	2532613	2532672	+	1	20	K.VLGFITDAGGRTSHTSIMAR.S	24
PLOG+5624	proteomics_log	2532613	2532645	+	1	48	K.VLGFITDAGGR.T	15
PLOG+5625	proteomics_log	2532646	2532672	+	1	10	R.TSHTSIMAR.S	13
PLOG+5626	proteomics_log	2532673	2532726	+	1	14	R.SLELPAIVGTGTSVTSQVK.N	22
PLOG+5627	proteomics_log	2532673	2532807	+	1	16	R.SLELPAIVGTGTSVTSQVKNDDYLILDVAVNNQVYVNPTEVIDKMR.A	49
PLOG+5628	proteomics_log	2532727	2532801	+	1	4	K.NDDYLILDVAVNNQVYVNPTEVIDK.M	29
PLOG+5629	proteomics_log	2532727	2532807	+	1	4	K.NDDYLILDVAVNNQVYVNPTEVIDKMR.A	31
PLOG+5630	proteomics_log	2532808	2532837	+	1	25	R.AVQEQVASEK.A	14
PLOG+5631	proteomics_log	2532808	2532852	+	1	138	R.AVQEQVASEKAELAK.L	19
PLOG+5632	proteomics_log	2532946	2532975	+	1	26	R.NGAEGVGLYR.T	14
PLOG+5633	proteomics_log	2532976	2533041	+	1	2	R.TEFLFM*DRDALPTEEEQFAAYK.A	27
PLOG+5634	proteomics_log	2532976	2532999	+	1	3	R.TEFLFMDR.D	12
PLOG+5635	proteomics_log	2532976	2533041	+	1	40	R.TEFLFMDRDALPTEEEQFAAYK.A	26
PLOG+5636	proteomics_log	2533000	2533041	+	1	9	R.DALPTEEEQFAAYK.A	18
PLOG+5637	proteomics_log	2533084	2533161	+	1	2	R.TM*DIGGDKELPYMNFPEENPFLGWR.A	31
PLOG+5638	proteomics_log	2533084	2533134	+	1	3	R.TMDIGGDKELPYMNFPE.E	21
PLOG+5639	proteomics_log	2533084	2533161	+	1	156	R.TMDIGGDKELPYMNFPEENPFLGWR.A	30
PLOG+5640	proteomics_log	2533225	2533248	+	1	6	R.ASAFGKLR.I	12
PLOG+5641	proteomics_log	2533249	2533287	+	1	3	R.IM*FPM*IISVEEVR.A	19
PLOG+5642	proteomics_log	2533249	2533287	+	1	5	R.IM*FPMIISVEEVR.A	18
PLOG+5643	proteomics_log	2533249	2533287	+	1	199	R.IMFPMIISVEEVR.A	17
PLOG+5644	proteomics_log	2533288	2533329	+	1	4	R.ALRKEIEIYKQELR.D	18
PLOG+5645	proteomics_log	2533300	2533341	+	1	2	K.EIEIYKQELRDEGK.A	18
PLOG+5646	proteomics_log	2533420	2533464	+	1	2	K.EVDFFSIGTNDLTQY.T	19
PLOG+5647	proteomics_log	2533420	2533545	+	1	9	K.EVDFFSIGTNDLTQYTLAVDRGNDMISHLYQPMSPSVLNLIK.Q	46
PLOG+5648	proteomics_log	2533483	2533545	+	1	2	R.GNDMISHLYQPMSPSVLNLIK.Q	25
PLOG+5649	proteomics_log	2533546	2533578	+	1	16	K.QVIDASHAEGK.W	15
PLOG+5650	proteomics_log	2533618	2533683	+	1	4	R.ATLLLLMGLDEFMSAISIPR.I	26
PLOG+5651	proteomics_log	2533693	2533803	+	1	2	K.IIRNTNFEDAKVLAEQALAQPTTDELM*TLVNFIEEK.T	42
PLOG+5652	proteomics_log	2533693	2533725	+	1	6	K.IIRNTNFEDAK.V	15
PLOG+5653	proteomics_log	2533693	2533803	+	1	12	K.IIRNTNFEDAKVLAEQALAQPTTDELMTLVNFIEEK.T	41
PLOG+5654	proteomics_log	2533702	2533788	+	1	3	R.NTNFEDAKVLAEQALAQPTTDELMTLVNF.F	33

PLOG+5655	proteomics_log	2533702	2533725	+	1	4	R.NTNFEDAK.V	12
PLOG+5656	proteomics_log	2533702	2533803	+	1	134	R.NTNFEDAKVLAEQALAQPTTDELMTLVNKFIEEK.T	38
PLOG+5657	proteomics_log	2533726	2533782	+	1	3	K.VLAEQALAQPTTDELMTLV.N	23
PLOG+5658	proteomics_log	2533726	2533803	+	1	6	K.VLAEQALAQPTTDELM*TLVNKFIEEK.T	31
PLOG+5659	proteomics_log	2533726	2533788	+	1	6	K.VLAEQALAQPTTDELM*TLVNK.F	26
PLOG+5660	proteomics_log	2533726	2533812	+	1	7	K.VLAEQALAQPTTDELMTLVNKFIEEKTIC.-	33
PLOG+5661	proteomics_log	2533726	2533782	+	1	3	K.VLAEQALAQPTTDELM*TLV.N	24
PLOG+5662	proteomics_log	2533726	2533788	+	1	35	K.VLAEQALAQPTTDELMTLVNK.F	25
PLOG+5663	proteomics_log	2533726	2533803	+	1	190	K.VLAEQALAQPTTDELMTLVNKFIEEK.T	30
PLOG+5664	proteomics_log	2533753	2533803	+	1	3	Q.PTTDELMTLVNKFIEEK.T	21
PLOG+5665	proteomics_log	2533859	2533990	+	2	15	M.GLFDKLSLVSDDKKDTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	48
PLOG+5666	proteomics_log	2533880	2533981	+	2	2	K.SLVSDDKKDTGTIEIIAPLSGEIVNIEDVPDVVFA	38
PLOG+5667	proteomics_log	2533880	2533903	+	2	9	K.SLVSDDKK.D	12
PLOG+5668	proteomics_log	2533880	2533990	+	2	361	K.SLVSDDKKDTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	41
PLOG+5669	proteomics_log	2533883	2533990	+	2	26	S.LVSDDKKDTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	40
PLOG+5670	proteomics_log	2533901	2533990	+	2	3	K.KDTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	34
PLOG+5671	proteomics_log	2533904	2533990	+	2	68	K.DTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	33
PLOG+5672	proteomics_log	2533928	2533990	+	2	2	I.APLSGEIVNIEDVPDVVFAEK.I	25
PLOG+5673	proteomics_log	2533934	2533990	+	2	11	P.LSGEIVNIEDVPDVVFAEK.I	23
PLOG+5674	proteomics_log	2533991	2534065	+	2	3	K.IVGDGIAIKPTGNKM*VAPVDGTIGK.I	30
PLOG+5675	proteomics_log	2533991	2534065	+	2	121	K.IVGDGIAIKPTGNKMVAPVDGTIGK.I	29
PLOG+5676	proteomics_log	2533991	2534032	+	2	247	K.IVGDGIAIKPTGNK.M	18
PLOG+5677	proteomics_log	2534033	2534065	+	2	4	K.M*VAPVDGTIGK.I	16
PLOG+5678	proteomics_log	2534033	2534065	+	2	46	K.MVAPVDGTIGK.I	15
PLOG+5679	proteomics_log	2534066	2534173	+	2	11	K.IFETNHAFSIESDSGVELFVHFGIDTVELKGEGFKR.I	40
PLOG+5680	proteomics_log	2534066	2534155	+	2	39	K.IFETNHAFSIESDSGVELFVHFGIDTVELK.G	34
PLOG+5681	proteomics_log	2534105	2534173	+	2	4	D.SGVELFVHFGIDTVELKGEGFKR.I	27
PLOG+5682	proteomics_log	2534123	2534173	+	2	3	F.VHFGIDTVELKGEGFKR.I	21
PLOG+5683	proteomics_log	2534171	2534194	+	2	21	K.RIAEEGQR.V	12
PLOG+5684	proteomics_log	2534174	2534200	+	2	22	R.IAEEGQRVK.V	13
PLOG+5685	proteomics_log	2534174	2534254	+	2	49	R.IAEEGQRVKVGDVIEFDLPLLEEKAK.S	31
PLOG+5686	proteomics_log	2534174	2534248	+	2	78	R.IAEEGQRVKVGDVIEFDLPLLEEK.A	29
PLOG+5687	proteomics_log	2534195	2534311	+	2	44	R.VKVGDVIEFDLPLLEEKAKSTLTPVVISNMDEIKELIK.L	43
PLOG+5688	proteomics_log	2534195	2534254	+	2	271	R.VKVGDVIEFDLPLLEEKAK.S	24
PLOG+5689	proteomics_log	2534195	2534248	+	2	414	R.VKVGDVIEFDLPLLEEK.A	22
PLOG+5690	proteomics_log	2534201	2534311	+	2	13	K.VGDVIEFDLPLLEEKAKSTLTPVVISNMDEIKELIK.L	41
PLOG+5691	proteomics_log	2534201	2534254	+	2	148	K.VGDVIEFDLPLLEEKAK.S	22
PLOG+5692	proteomics_log	2534201	2534248	+	2	364	K.VGDVIEFDLPLLEEK.A	20
PLOG+5693	proteomics_log	2534225	2534311	+	2	26	F.DLPLLEEKAKSTLTPVVISNMDEIKELIK.L	33
PLOG+5694	proteomics_log	2534249	2534353	+	2	3	K.AKSTLTPVVISNM*DEIKELIKLSGSVTVGETPVIR.I	40
PLOG+5695	proteomics_log	2534249	2534311	+	2	11	K.AKSTLTPVVISNM*DEIKELIK.L	26
PLOG+5696	proteomics_log	2534249	2534353	+	2	66	K.AKSTLTPVVISNMDEIKELIKLSGSVTVGETPVIR.I	39
PLOG+5697	proteomics_log	2534249	2534311	+	2	147	K.AKSTLTPVVISNMDEIKELIK.L	25
PLOG+5698	proteomics_log	2534255	2534299	+	2	2	K.STLTPVVISNM*DEIK.E	20
PLOG+5699	proteomics_log	2534255	2534353	+	2	5	K.STLTPVVISNM*DEIKELIKLSGSVTVGETPVIR.I	38
PLOG+5700	proteomics_log	2534255	2534311	+	2	7	K.STLTPVVISNM*DEIKELIK.L	24

PLOG+5701	proteomics_log	2534255	2534299	+	2	25	K.STLTPVVISNMDEIK.E	19
PLOG+5702	proteomics_log	2534255	2534353	+	2	196	K.STLTPVVISNMDEIKELIKLSGSVTVGETPVIR.I	37
PLOG+5703	proteomics_log	2534255	2534311	+	2	238	K.STLTPVVISNMDEIKELIK.L	23
PLOG+5704	proteomics_log	2534264	2534311	+	2	2	L.TPVVISNMDEIKELIK.L	20
PLOG+5705	proteomics_log	2534267	2534311	+	2	4	T.PVVISNMDEIKELIK.L	19
PLOG+5706	proteomics_log	2534312	2534353	+	2	254	K.LSGSVTVGETPVIR.I	18
PLOG+5707	proteomics_log	2543924	2543986	+	2	3	R.VLPDIAAAIDVIHAQVSGGGR.L	25
PLOG+5708	proteomics_log	2544401	2544439	+	2	8	K.LVLNMLSTGLMIK.S	17
PLOG+5709	proteomics_log	2572889	2572924	+	2	3	S.VM*VKPSRSATS.R.A	17
PLOG+5710	proteomics_log	2576688	2576759	+	3	5	P.MNELDGIKQFTTVVADSGDIESIR.H	28
PLOG+5711	proteomics_log	2576760	2576807	+	3	8	R.HYHPQDATTNPSLLLK.A	20
PLOG+5712	proteomics_log	2576808	2576867	+	3	11	K.AAGLSQYEHLIDDAIAWGKK.N	24
PLOG+5713	proteomics_log	2576808	2576864	+	3	18	K.AAGLSQYEHLIDDAIAWGK.K	23
PLOG+5714	proteomics_log	2576913	2576945	+	3	3	K.LAVNFGAEILK.I	15
PLOG+5715	proteomics_log	2576961	2576984	+	3	2	R.VSTEV.DAR.L	12
PLOG+5716	proteomics_log	2577018	2577062	+	3	2	K.ARHLVDLYQQQGVEK.S	19
PLOG+5717	proteomics_log	2577024	2577068	+	3	4	R.HLVDLYQQQGVEKSR.I	19
PLOG+5718	proteomics_log	2577024	2577062	+	3	24	R.HLVDLYQQQGVEK.S	17
PLOG+5719	proteomics_log	2577069	2577107	+	3	3	R.ILIKLASTWEGIR.A	17
PLOG+5720	proteomics_log	2577081	2577107	+	3	2	K.LASTWEGIR.A	13
PLOG+5721	proteomics_log	2577180	2577227	+	3	2	R.ACAEAGVFLISPFVGR.I	20
PLOG+5722	proteomics_log	2577180	2577227	+	3	2	R.ACAEAGVFLISPFVGR.I	20
PLOG+5723	proteomics_log	2577252	2577296	+	3	5	R.KPMDPYVVEEDPGVK.S	19
PLOG+5724	proteomics_log	2577408	2577449	+	3	3	R.LTIAPNLLKELQEK.V	18
PLOG+5725	proteomics_log	2577531	2577566	+	3	11	R.WEHNQDAMAVEK.L	16
PLOG+5726	proteomics_log	2577567	2577635	+	3	2	K.LSEGIRLFAVDQRKLEDLLAAKL.-	27
PLOG+5727	proteomics_log	2577585	2577635	+	3	2	R.LFAVDQRKLEDLLAAKL.-	21
PLOG+5728	proteomics_log	2577606	2577632	+	3	9	R.KLEDLLAAK.L	13
PLOG+5729	proteomics_log	2577606	2577635	+	3	58	R.KLEDLLAAKL.-	14
PLOG+5730	proteomics_log	2577661	2577690	+	1	7	M.SRKDLANAIR.A	14
PLOG+5731	proteomics_log	2577670	2577690	+	1	5	K.DLANAIR.A	11
PLOG+5732	proteomics_log	2577691	2577717	+	1	9	R.ALSM*DAVQK.A	14
PLOG+5733	proteomics_log	2577691	2577717	+	1	54	R.ALSMDAVQK.A	13
PLOG+5734	proteomics_log	2577691	2577717	+	1	9	R.ALSM*DAVQK.A	14
PLOG+5735	proteomics_log	2577691	2577717	+	1	54	R.ALSMDAVQK.A	13
PLOG+5736	proteomics_log	2577718	2577792	+	1	13	K.ANSGHPGAPMGMADIAEVLWNDFLK.H	29
PLOG+5737	proteomics_log	2577832	2577927	+	1	4	R.FILSNHASMLLYSLLHLTGYDLPLEELKNFR.Q	36
PLOG+5738	proteomics_log	2577832	2577918	+	1	20	R.FILSNHASMLLYSLLHLTGYDLPLEELK.N	33
PLOG+5739	proteomics_log	2577943	2578047	+	1	18	K.TPGHPEIGYTPGVETTTGPLGQGLANAVGLAIAER.T	39
PLOG+5740	proteomics_log	2577976	2578047	+	1	12	P.GVETTTGPLGQGLANAVGLAIAER.T	28
PLOG+5741	proteomics_log	2578387	2578476	+	1	9	R.TVIGFGSPNKAGKEEAHGAPLGEEVALAR.Q	34
PLOG+5742	proteomics_log	2578519	2578599	+	1	3	K.EIYHAWDAREKGEKAQQSWNEKFAAYK.K	31
PLOG+5743	proteomics_log	2578600	2578635	+	1	2	K.KAHPQLAEFTR.R	16
PLOG+5744	proteomics_log	2578603	2578635	+	1	8	K.AHPQLAEFTR.R	15
PLOG+5745	proteomics_log	2578639	2578728	+	1	2	R.M*SGGLPKDWEKTTQKYINELQANPAKIATR.K	35
PLOG+5746	proteomics_log	2578672	2578728	+	1	2	K.TTQKYINELQANPAKIATR.K	23

PLOG+5747	proteomics_log	2578672	2578716	+	1	6	K.TTQKYINELQANPAK.I	19
PLOG+5748	proteomics_log	2578684	2578716	+	1	9	K.YINELQANPAK.I	15
PLOG+5749	proteomics_log	2578696	2578716	+	1	17	E.LQANPAK.I	11
PLOG+5750	proteomics_log	2578696	2578716	+	1	17	E.LQANPAK.I	11
PLOG+5751	proteomics_log	2578828	2578884	+	1	2	K.GSVSLKEDPAGNYIHYGVR.E	23
PLOG+5752	proteomics_log	2579182	2579214	+	1	5	R.HNGPTALILSR.Q	15
PLOG+5753	proteomics_log	2579215	2579268	+	1	2	R.QNLAQVERTPDQVKEIAR.G	22
PLOG+5754	proteomics_log	2579239	2579268	+	1	7	R.TPDQVKEIAR.G	14
PLOG+5755	proteomics_log	2579260	2579286	+	1	2	E.IARGGYVLK.D	13
PLOG+5756	proteomics_log	2579260	2579286	+	1	2	E.IARGGYVLK.D	13
PLOG+5757	proteomics_log	2579287	2579382	+	1	3	K.DSGGKPDIIILITGSEMEITLQAAEKLAGEGR.N	36
PLOG+5758	proteomics_log	2579392	2579478	+	1	3	R.VVSLPSTDIFDAQDEEYRESVLPNSVAAR.V	33
PLOG+5759	proteomics_log	2579479	2579517	+	1	10	R.VAVEAGIADYWYK.Y	17
PLOG+5760	proteomics_log	2579479	2579517	+	1	10	R.VAVEAGIADYWYK.Y	17
PLOG+5761	proteomics_log	2579533	2579628	+	1	3	K.GAIVGM*TGYESAPADKLFPPFGFTAENIVAK.A	37
PLOG+5762	proteomics_log	2579533	2579628	+	1	25	K.GAIVGMTGYGESAPADKLFPPFGFTAENIVAK.A	36
PLOG+5763	proteomics_log	2586916	2587029	+	1	3	K.SMGQIQGALVGIAMVLSAVFVPMAFFGGTTGAIYRQFS.I	42
PLOG+5764	proteomics_log	2587558	2587599	+	1	5	I.ERATKAFNQIKEAR.V	18
PLOG+5765	proteomics_log	2589353	2589442	+	2	12	R.FHDYRVDGLDSELLNDFINELGWEALLNTR.G	34
PLOG+5766	proteomics_log	2590520	2590612	+	2	3	R.GKLVDAVVNAVEHYNEIKPQLLTTGGTSDGR.F	35
PLOG+5767	proteomics_log	2590526	2590612	+	2	2	K.LVDAVVNAVEHYNEIKPQLLTTGGTSDGR.F	33
PLOG+5768	proteomics_log	2596339	2596425	+	1	4	R.LFQVQQFNRRLLITLRLNRDLITTTILL.V	33
PLOG+5769	proteomics_log	2597931	2598008	+	3	4	L.TLSSQHLYLVITALGADRPGIVNTITR.H	30
PLOG+5770	proteomics_log	2598261	2598314	+	3	2	R.FTALFDAHHMNIAELVSR.T	22
PLOG+5771	proteomics_log	2598500	2598535	+	2	3	V.M*NPLKAGDIAPK.F	17
PLOG+5772	proteomics_log	2598500	2598535	+	2	42	V.MNPLKAGDIAPK.F	16
PLOG+5773	proteomics_log	2598500	2598595	+	2	76	V.MNPLKAGDIAPKFSLPDQDGEQVNLDFQGQR.V	36
PLOG+5774	proteomics_log	2598536	2598595	+	2	246	K.FSLPDQDGEQVNLDFQGQR.V	24
PLOG+5775	proteomics_log	2598596	2598619	+	2	158	R.VLVYFYPK.A	12
PLOG+5776	proteomics_log	2598683	2598739	+	2	4	K.KAGVDVLGISTDKPEKLSR.F	23
PLOG+5777	proteomics_log	2598686	2598730	+	2	44	K.AGVDVLGISTDKPEK.L	19
PLOG+5778	proteomics_log	2598686	2598739	+	2	149	K.AGVDVLGISTDKPEKLSR.F	22
PLOG+5779	proteomics_log	2598740	2598826	+	2	4	R.FAEKELLNFTLLSDEDHQVCEQFGVWGEK.S	33
PLOG+5780	proteomics_log	2598827	2598862	+	2	3	K.SFMGKTYDGIHR.I	16
PLOG+5781	proteomics_log	2598863	2598967	+	2	19	R.ISFLIDADGKIEHVFDFFKTSNHHDVVLNWLKEHA.-	39
PLOG+5782	proteomics_log	2598863	2598919	+	2	51	R.ISFLIDADGKIEHVFDFFK.T	23
PLOG+5783	proteomics_log	2598920	2598967	+	2	14	K.TSNHHDVVLNWLKEHA.-	20
PLOG+5784	proteomics_log	2614197	2614289	+	3	4	A.DSADTLPDM*GTSAGSTLSIGQEM*QM*GDYYVR.Q	38
PLOG+5785	proteomics_log	2614389	2614481	+	3	3	K.TPFHFFLINNDEINAFAGGNNVVLHSAFR.Y	35
PLOG+5786	proteomics_log	2614581	2614685	+	3	3	R.SAPLTVWVWALGSILLAMASPQAGMAALTGTLAGTR.Q	39
PLOG+5787	proteomics_log	2614818	2614871	+	3	2	R.YSSRPPEILLTHPLPESR.L	22
PLOG+5788	proteomics_log	2614941	2615033	+	3	2	Y.LAKARTLGMYSNGRNQLTSDLLDEWAKGNVR.Q	35
PLOG+5789	proteomics_log	2615415	2615489	+	3	2	R.AEGYALAGRLDQATISLLSSASSQVK.L	29
PLOG+5790	proteomics_log	2615645	2615737	+	2	3	K.SRETLNLLKENGVEPEVVLYLETPADAATLR.D	35
PLOG+5791	proteomics_log	2615645	2615749	+	2	21	K.SRETLNLLKENGVEPEVVLYLETPADAATLRDLLK.I	39
PLOG+5792	proteomics_log	2615651	2615749	+	2	19	R.ETLNLLKENGVEPEVVLYLETPADAATLRDLLK.I	37

PLOG+5793	proteomics_log	2615786	2615875	+	2	12	R.QKEDLYKELNLADSSSLSEEALIQAMVDNPK.L	34
PLOG+5794	proteomics_log	2615876	2615911	+	2	2	K.LM*ERPIVVANGK.A	17
PLOG+5795	proteomics_log	2615876	2615917	+	2	6	K.LMERPIVVANGKAR.I	18
PLOG+5796	proteomics_log	2615876	2615911	+	2	21	K.LMERPIVVANGK.A	16
PLOG+5797	proteomics_log	2615918	2615956	+	2	2	R.IGRPPEQVLEIVG.-	17
PLOG+5798	proteomics_log	2618319	2618351	+	3	3	N.VSVLVQSLINR.C	15
PLOG+5799	proteomics_log	2619222	2619299	+	3	2	V.TDKTSLSYKDAGVDIDAGNALVGRIK.G	30
PLOG+5800	proteomics_log	2619222	2619293	+	3	190	V.TDKTSLSYKDAGVDIDAGNALVGR.I	28
PLOG+5801	proteomics_log	2619249	2619293	+	3	12	K.DAGVDIDAGNALVGR.I	19
PLOG+5802	proteomics_log	2619261	2619293	+	3	4	V.DIDAGNALVGR.I	15
PLOG+5803	proteomics_log	2619294	2619320	+	3	3	R.IKGVVVKTR.R	13
PLOG+5804	proteomics_log	2619381	2619434	+	3	3	K.YREPVLVSGTDGVTGLR.L	22
PLOG+5805	proteomics_log	2619381	2619428	+	3	10	K.YREPVLVSGTDGVTGL.L	20
PLOG+5806	proteomics_log	2619741	2619812	+	3	10	K.VSDGDVLIALGSSGPHSNGYSLVR.K	28
PLOG+5807	proteomics_log	2619900	2619995	+	3	8	R.IYVKSIVLELIEKVDVHAIHAHLTGGGFWENIPR.V	36
PLOG+5808	proteomics_log	2619912	2619935	+	3	4	K.SVLELIEK.V	12
PLOG+5809	proteomics_log	2619912	2619995	+	3	135	K.SVLELIEKVDVHAIHAHLTGGGFWENIPR.V	32
PLOG+5810	proteomics_log	2619936	2619995	+	3	21	K.VDVHAIHAHLTGGGFWENIPR.V	24
PLOG+5811	proteomics_log	2620140	2620205	+	3	7	A.LPAPEVDKALALLNANGENAWK.I	26
PLOG+5812	proteomics_log	2620164	2620205	+	3	12	K.ALALLNANGENAWK.I	18
PLOG+5813	proteomics_log	2620349	2620390	+	2	27	R.AVFSNKADAFGLER.A	18
PLOG+5814	proteomics_log	2620397	2620447	+	2	2	R.QAGIATHTLIASAFDSR.E	21
PLOG+5815	proteomics_log	2620448	2620525	+	2	13	R.EAYDRELIHEIDMYAPDVVVLGFM.R.I	30
PLOG+5816	proteomics_log	2620526	2620564	+	2	8	R.ILSPAFVSHYAGR.L	17
PLOG+5817	proteomics_log	2620565	2620621	+	2	12	R.LLNIHPSLLPKYPGLHTHR.Q	23
PLOG+5818	proteomics_log	2620715	2620759	+	2	27	K.VPVFAGDSEDDITAR.V	19
PLOG+5819	proteomics_log	2620760	2620825	+	2	2	R.VQTQEHAIIPLVISWFADGR.LK.M	26
PLOG+5820	proteomics_log	2620760	2620819	+	2	13	R.VQTQEHAIIPLVISWFADGR.L	24
PLOG+5821	proteomics_log	2621753	2621821	+	2	3	R.DAEYDLVHEMEASLMELMSSSLK.Q	27
PLOG+5822	proteomics_log	2622764	2622808	+	2	3	M.CSLIPNLEGISDNIR.A	19
PLOG+5823	proteomics_log	2625422	2625454	+	2	2	L.GHQEKMVVFQR.L	15
PLOG+5824	proteomics_log	2632743	2632814	+	3	3	R.DPSLPVIIYPAAVQGGDDAPGQIVR.A	28
PLOG+5825	proteomics_log	2633060	2633134	+	2	2	R.VTAPGAIDPSTAGDGDGLLSRQPHT.S	29
PLOG+5826	proteomics_log	2633295	2633321	+	3	9	R.LNQQNPQPK.I	13
PLOG+5827	proteomics_log	2633409	2633465	+	3	2	R.FGNAVTHLEAVSPLSTLAR.G	23
PLOG+5828	proteomics_log	2637453	2637476	+	3	2	T.RAPHSAR.A	12
PLOG+5829	proteomics_log	2643891	2643959	+	3	2	R.MIHAAPDDIKGRSSSGSSGCKRN.L	27
PLOG+5830	proteomics_log	2644991	2645023	+	2	2	S.ERAATGNNPSR.S	15
PLOG+5831	proteomics_log	2648870	2648911	+	2	2	I.FDVEIPHPILIIAR.V	18
PLOG+5832	proteomics_log	2650519	2650596	+	1	89	M.STTWVFGADWLAEHIDDPEIQIIDAR.M	30
PLOG+5833	proteomics_log	2650756	2650824	+	1	2	R.ELGVNQDKHLIVYDEGNLFSAPR.A	27
PLOG+5834	proteomics_log	2650861	2650899	+	1	3	K.VSILGGGLAGWQR.D	17
PLOG+5835	proteomics_log	2650900	2650983	+	1	11	R.DDLLLEEGAVELPEGEFNAAFNPEAVVK.V	32
PLOG+5836	proteomics_log	2650984	2651052	+	1	5	K.VTDVLLASHENTAQIIDARPAAR.F	27
PLOG+5837	proteomics_log	2651053	2651091	+	1	3	R.FNAEVDEPRPGLR.R	17
PLOG+5838	proteomics_log	2651092	2651142	+	1	3	R.RGHIPGALNVPWTELVR.E	21

PLOG+5839	proteomics_log	2651098	2651142	+	1	3	G.HIPGALNVPWTELVR.E	19
PLOG+5840	proteomics_log	2651143	2651193	+	1	2	R.EGELKTTDELDAIFFGR.G	21
PLOG+5841	proteomics_log	2651158	2651193	+	1	2	K.TTDELDAIFFGR.G	16
PLOG+5842	proteomics_log	2658758	2658781	+	2	2	S.RSPSLLLR.C	12
PLOG+5843	proteomics_log	2661503	2661565	+	2	2	R.KAGNLIAKNYETPDAVEASQK.G	25
PLOG+5844	proteomics_log	2661503	2661526	+	2	3	R.KAGNLIAK.N	12
PLOG+5845	proteomics_log	2661503	2661634	+	2	4	R.KAGNLIAKNYETPDAVEASQKGSNDFVTNVDKAAEAVIIDTIRK.S	48
PLOG+5846	proteomics_log	2661527	2661631	+	2	6	K.NYETPDAVEASQKGSNDFVTNVDKAAEAVIIDTIR.K	39
PLOG+5847	proteomics_log	2661527	2661565	+	2	8	K.NYETPDAVEASQK.G	17
PLOG+5848	proteomics_log	2661527	2661634	+	2	16	K.NYETPDAVEASQKGSNDFVTNVDKAAEAVIIDTIRK.S	40
PLOG+5849	proteomics_log	2661566	2661631	+	2	11	K.GSNDFVTNVDKAAEAVIIDTIR.K	26
PLOG+5850	proteomics_log	2661566	2661634	+	2	91	K.GSNDFVTNVDKAAEAVIIDTIRK.S	27
PLOG+5851	proteomics_log	2661599	2661634	+	2	7	K.AAEAVIIDTIRK.S	16
PLOG+5852	proteomics_log	2661782	2661850	+	2	3	R.IKGRTEVAVVYDPMRNEFLTATR.G	27
PLOG+5853	proteomics_log	2661794	2661850	+	2	4	R.TEVAVVYDPMRNEFLTATR.G	23
PLOG+5854	proteomics_log	2661851	2661880	+	2	4	R.GQGAQLNGYR.L	14
PLOG+5855	proteomics_log	2661902	2661985	+	2	10	R.DLDGTILATGFPPKAKQYATTYINIVGK.L	32
PLOG+5856	proteomics_log	2661902	2661943	+	2	15	R.DLDGTILATGFPPK.A	18
PLOG+5857	proteomics_log	2661902	2661949	+	2	34	R.DLDGTILATGFPPKAK.Q	20
PLOG+5858	proteomics_log	2661950	2661985	+	2	16	K.QYATTYINIVGK.L	16
PLOG+5859	proteomics_log	2662016	2662060	+	2	24	R.TGSAALDLAYVAAGR.V	19
PLOG+5860	proteomics_log	2662061	2662126	+	2	59	R.VDGFPEIGLRPWFDAAGELLVR.E	26
PLOG+5861	proteomics_log	2662127	2662216	+	2	3	R.EAGGIVSDFTGGHNYMLTGNIVAGNPRVVK.A	34
PLOG+5862	proteomics_log	2662127	2662207	+	2	52	R.EAGGIVSDFTGGHNYMLTGNIVAGNPR.V	31
PLOG+5863	proteomics_log	2662208	2662264	+	2	3	R.VVKAMLANMRDELSALKR.-	23
PLOG+5864	proteomics_log	2662217	2662264	+	2	213	K.AMLANMRDELSALKR.-	20
PLOG+5865	proteomics_log	2669006	2669095	+	2	8	S.SPCSTLAASFMLPTIVAAMVMRQCQKGIWK.M	34
PLOG+5866	proteomics_log	2670861	2670914	+	3	2	R.TCDPAIFAGGDVAITRLD.N	22
PLOG+5867	proteomics_log	2684004	2684096	+	3	3	R.NGDQREALFNAAAYASNIENLPALLPAVEK.I	35
PLOG+5868	proteomics_log	2684019	2684096	+	3	4	R.EALFNAAAYASNIENLPALLPAVEK.I	30
PLOG+5869	proteomics_log	2684589	2684705	+	3	16	K.LVAPAGDFFMAVADDTPVTLISAGVGQTPMLAMLDTLAK.A	43
PLOG+5870	proteomics_log	2692039	2692095	+	1	5	V.RKTASANVVVKQDQWVGITK.L	23
PLOG+5871	proteomics_log	2694672	2694713	+	3	2	A.VDAVLPQLKPLFEK.Y	18
PLOG+5872	proteomics_log	2696539	2696562	+	1	3	S.QKTPHDAR.E	12
PLOG+5873	proteomics_log	2708682	2708714	+	3	6	R.HAVEFVASNAR.S	15
PLOG+5874	proteomics_log	2708826	2708882	+	3	2	R.ILHAADATGREVETTLVSK.A	23
PLOG+5875	proteomics_log	2708919	2708972	+	3	2	R.SNAVDLIVSDKIGLPGTR.R	22
PLOG+5876	proteomics_log	2711080	2711130	+	1	3	K.TAAYLLPALQHLLDFPR.K	21
PLOG+5877	proteomics_log	2711152	2711208	+	1	28	R.ILILTPRELAMQVSDHAR.E	23
PLOG+5878	proteomics_log	2711365	2711400	+	1	12	R.AVETLILDEADR.M	16
PLOG+5879	proteomics_log	2711365	2711454	+	1	27	R.AVETLILDEADRMLDMGFAQDIEHIAGETR.W	34
PLOG+5880	proteomics_log	2711401	2711454	+	1	7	R.MLDMGFAQDIEHIAGETR.W	22
PLOG+5881	proteomics_log	2711524	2711568	+	1	6	R.LLEDPVESANPSTR.E	19
PLOG+5882	proteomics_log	2711602	2711667	+	1	7	R.ADDLEHKTALLVHLLKQPEATR.S	26
PLOG+5883	proteomics_log	2711812	2711847	+	1	9	R.VNVLVATDVAAR.G	16
PLOG+5884	proteomics_log	2711848	2711898	+	1	5	R.GIDIPDVSHVFNDFMPR.S	21



PLOG+5885	proteomics_log	2711899	2711922	+	1	22	R.SGDTYLHR.I	12
PLOG+5886	proteomics_log	2711950	2712003	+	1	5	R.KGTAISLVEAHDHLLLGK.V	22
PLOG+5887	proteomics_log	2714779	2714868	+	1	2	M.ANELTWHDLAEEKQQPYFLNTLQTVASER.Q	34
PLOG+5888	proteomics_log	2716961	2716999	+	2	22	R.NFAPIFEDVAQER.S	17
PLOG+5889	proteomics_log	2717141	2717173	+	2	2	K.APFDSWLNESL.-	15
PLOG+5890	proteomics_log	2720806	2720877	+	1	2	K.ISQSVDDVDFFYAPADFRETLEK.I	28
PLOG+5891	proteomics_log	2731426	2731479	+	1	2	R.SSNSPRYFAPATSAPISS.A	22
PLOG+5892	proteomics_log	2734504	2734590	+	1	3	R.GLTNMLDDSDALQGFFGVDRSDRDPQHAR.A	33
PLOG+5893	proteomics_log	2734504	2734563	+	1	20	R.GLTNMLDDSDALQGFFGVDR.S	24
PLOG+5894	proteomics_log	2734591	2734623	+	1	12	R.AAFSDFSKLV.R.G	15
PLOG+5895	proteomics_log	2734615	2734665	+	1	2	K.LVRGYPNSQYTTDATKR.L	21
PLOG+5896	proteomics_log	2734615	2734662	+	1	4	K.LVRGYPNSQYTTDATK.R	20
PLOG+5897	proteomics_log	2734624	2734665	+	1	2	R.GYPNSQYTTDATKR.L	18
PLOG+5898	proteomics_log	2734663	2734686	+	1	2	K.RLVFLKDR.L	12
PLOG+5899	proteomics_log	2734732	2734776	+	1	4	R.GAWVAVVNRVEGMLR.D	19
PLOG+5900	proteomics_log	2734837	2734866	+	1	2	R.QMQMNAQAEK.V	14
PLOG+5901	proteomics_log	2734837	2734875	+	1	8	R.QMQMNAQAEKVAK.I	17
PLOG+5902	proteomics_log	2734876	2734902	+	1	71	K.IIAANSSNT.-	13
PLOG+5903	proteomics_log	2735179	2735199	+	1	2	M.TMNITSK.Q	11
PLOG+5904	proteomics_log	2735317	2735424	+	1	3	G.FVADATINTPNGVLVASGKHEDMYTAINELINKLER.Q	40
PLOG+5905	proteomics_log	2735353	2735424	+	1	3	G.VLVASGKHEDMYTAINELINKLER.Q	28
PLOG+5906	proteomics_log	2735359	2735424	+	1	2	L.VASGKHEDMYTAINELINKLER.Q	26
PLOG+5907	proteomics_log	2735362	2735424	+	1	4	V.ASGKHEDMYTAINELINKLER.Q	25
PLOG+5908	proteomics_log	2735374	2735424	+	1	18	K.HEDMYTAINELINKLER.Q	21
PLOG+5909	proteomics_log	2735380	2735424	+	1	13	E.DMYTAINELINKLER.Q	19
PLOG+5910	proteomics_log	2735425	2735460	+	1	12	R.QLNKLQHKGEAR.R	16
PLOG+5911	proteomics_log	2735461	2735514	+	1	9	R.RAATSVKIDANFVEEVEEE.-	22
PLOG+5912	proteomics_log	2735482	2735514	+	1	4	K.DANFVEEVEEE.-	15
PLOG+5913	proteomics_log	2735770	2735799	+	1	2	M.TSENPLLALR.E	14
PLOG+5914	proteomics_log	2735770	2735853	+	1	7	M.TSENPLLALREKISALDEKLLALLAERR.E	32
PLOG+5915	proteomics_log	2735770	2735850	+	1	13	M.TSENPLLALREKISALDEKLLALLAER.R	31
PLOG+5916	proteomics_log	2735806	2735850	+	1	13	K.ISALDEKLLALLAER.R	19
PLOG+5917	proteomics_log	2735806	2735853	+	1	15	K.ISALDEKLLALLAERR.E	20
PLOG+5918	proteomics_log	2735827	2735850	+	1	8	K.LLALLAER.R	12
PLOG+5919	proteomics_log	2735851	2735883	+	1	2	R.RELAVEVGKAK.L	15
PLOG+5920	proteomics_log	2735854	2735883	+	1	13	R.ELAVEVGKAK.L	14
PLOG+5921	proteomics_log	2735992	2736060	+	1	5	R.LFQLIIEDSVLTQQALLQQHLNK.I	27
PLOG+5922	proteomics_log	2735992	2736081	+	1	15	R.LFQLIIEDSVLTQQALLQQHLNKINPHSAR.I	34
PLOG+5923	proteomics_log	2736082	2736129	+	1	4	R.IAFLGPKGSYSHLAAR.Q	20
PLOG+5924	proteomics_log	2736103	2736129	+	1	2	K.GSYSHLAAR.Q	13
PLOG+5925	proteomics_log	2736502	2736570	+	1	3	K.SPHVAALGSEAGGTLYGLQVLER.I	27
PLOG+5926	proteomics_log	2736622	2736723	+	1	4	R.KAINVSDQVPAKTTLLMATGQQAGALVEALLVLR.N	38
PLOG+5927	proteomics_log	2736658	2736723	+	1	6	K.TTLLMATGQQAGALVEALLVLR.N	26
PLOG+5928	proteomics_log	2736838	2736867	+	1	7	K.ALKELGEITR.S	14
PLOG+5929	proteomics_log	2741014	2741085	+	1	2	R.NFSRRVSEERIAEFHRFALDFNSL.L	28
PLOG+5930	proteomics_log	2741878	2741907	+	1	10	K.LASTGLTHAR.M	14

PLOG+5931	proteomics_log	2747918	2747974	+	2	2	R.TVNGVILEALEEIPVAGTR.V	23
PLOG+5932	proteomics_log	2758306	2758407	+	1	2	R.NRDKANELIRILISQNKIFISSWGKTKIINITHC.V	38
PLOG+5933	proteomics_log	2766167	2766241	+	2	3	R.HKM*LFVISQSDKAEPTSGGNILSTE.Q	30
PLOG+5934	proteomics_log	2776324	2776398	+	1	2	D.EITVTIHFHPVIIDKFFAHSRLQPR.L	29
PLOG+5935	proteomics_log	2779405	2779533	+	1	5	R.LLVNPM*CNTAGIDNQRASGANIAANCRTIFLNNLPAPGGYNCC.V	48
PLOG+5936	proteomics_log	2789295	2789324	+	3	11	A.MKLNDSNLF.R.Q	14
PLOG+5937	proteomics_log	2789511	2789570	+	3	11	R.ATILRNWFNLMMEHQDDLAR.L	24
PLOG+5938	proteomics_log	2789526	2789570	+	3	8	R.NWFNLMMEHQDDLAR.L	19
PLOG+5939	proteomics_log	2789571	2789669	+	3	5	R.LMTLEQGKPLAEAKGEISYAASFIEWFAEEGKR.I	37
PLOG+5940	proteomics_log	2789571	2789612	+	3	18	R.LMTLEQGKPLAEAK.G	18
PLOG+5941	proteomics_log	2789613	2789669	+	3	8	K.GEISYAASFIEWFAEEGKR.I	23
PLOG+5942	proteomics_log	2789670	2789711	+	3	2	R.IYGDITIPGHQADKR.L	18
PLOG+5943	proteomics_log	2789712	2789789	+	3	41	R.LIVIKQPIGVTAITPWNFPAAMITR.K	30
PLOG+5944	proteomics_log	2789727	2789789	+	3	2	K.QPIGVTAITPWNFPAAMITR.K	25
PLOG+5945	proteomics_log	2789889	2789975	+	3	51	R.AGVPAGVFNVVVTGSAGAVGNELTSNPLVR.K	33
PLOG+5946	proteomics_log	2789976	2790011	+	3	17	R.KLSFTGSTEIGR.Q	16
PLOG+5947	proteomics_log	2790045	2790143	+	3	2	K.KVSLELGGNAPFIVFDDADLDKAVEGALASKFR.N	37
PLOG+5948	proteomics_log	2790045	2790137	+	3	18	K.KVSLELGGNAPFIVFDDADLDKAVEGALASK.F	35
PLOG+5949	proteomics_log	2790048	2790143	+	3	3	K.VSLELGGNAPFIVFDDADLDKAVEGALASKFR.N	36
PLOG+5950	proteomics_log	2790048	2790137	+	3	6	K.VSLELGGNAPFIVFDDADLDKAVEGALASK.F	34
PLOG+5951	proteomics_log	2790240	2790299	+	3	2	K.LHIGDGLDNGVTIGPLIDEK.A	24
PLOG+5952	proteomics_log	2790300	2790344	+	3	4	K.AVAKVEEHIADALEK.G	19
PLOG+5953	proteomics_log	2790300	2790353	+	3	6	K.AVAKVEEHIADALEKGR.V	22
PLOG+5954	proteomics_log	2790312	2790344	+	3	11	K.VEEHIADALEK.G	15
PLOG+5955	proteomics_log	2790384	2790437	+	3	26	R.GGNFFQPTILVDVPANAK.V	22
PLOG+5956	proteomics_log	2790438	2790482	+	3	26	K.VSKEETFGPLAPLFR.F	19
PLOG+5957	proteomics_log	2790570	2790662	+	3	5	R.VFRVGEALEYGIVGINTGIISNEVAPFGGIK.A	35
PLOG+5958	proteomics_log	2790757	2790786	+	1	29	R.MNSNKELMQR.R	14
PLOG+5959	proteomics_log	2790787	2790807	+	1	3	R.RSQAIPR.G	11
PLOG+5960	proteomics_log	2790808	2790843	+	1	6	R.GVGQIHPIFADR.A	16
PLOG+5961	proteomics_log	2791066	2791116	+	1	18	K.KTLLVTTGSEAVENAVK.I	21
PLOG+5962	proteomics_log	2791066	2791125	+	1	27	K.KTLLVTTGSEAVENAVKIAR.A	24
PLOG+5963	proteomics_log	2791069	2791116	+	1	5	K.TLLVTTGSEAVENAVK.I	20
PLOG+5964	proteomics_log	2791141	2791179	+	1	4	R.SGTIAFSGAYHGR.T	17
PLOG+5965	proteomics_log	2791180	2791260	+	1	2	R.THYTLALTGKVNYPYSAGMGLMPGHVYR.A	31
PLOG+5966	proteomics_log	2791180	2791260	+	1	2	R.THYTLALTGKVNYPYSAGM*GLM*PGHVYR.A	33
PLOG+5967	proteomics_log	2791324	2791428	+	1	4	R.IFKNDAAPEDIAAIVIEPVQGEFGFYASSPAMQR.L	39
PLOG+5968	proteomics_log	2791498	2791560	+	1	10	R.TGTLFAMEQMGVAPDLTTFAK.S	25
PLOG+5969	proteomics_log	2791561	2791602	+	1	60	K.SIAGGFPLAGVTGR.A	18
PLOG+5970	proteomics_log	2791696	2791803	+	1	2	K.VFEQENLLQKANDLGQKLDGLLAIAEKHPEIGDVR.G	40
PLOG+5971	proteomics_log	2791696	2791725	+	1	8	K.VFEQENLLQK.A	14
PLOG+5972	proteomics_log	2791726	2791803	+	1	3	K.ANDLGQKLDGLLAIAEKHPEIGDVR.G	30
PLOG+5973	proteomics_log	2791747	2791803	+	1	4	K.LKDGLLAIAEKHPEIGDVR.G	23
PLOG+5974	proteomics_log	2791804	2791869	+	1	2	R.GLGAMIAIELFEDGDHNKPKDAK.L	26
PLOG+5975	proteomics_log	2791951	2791989	+	1	23	R.ILVPLTIEDAQIR.Q	17
PLOG+5976	proteomics_log	2798168	2798266	+	2	17	H.M*FNRPNRNDVDDGVQDIQNDVNQLADSLESVLK.S	38

PLOG+5977	proteomics_log	2798168	2798266	+	2	28	H.MFNRPNRNDVDDGVQDIQNDVNQLADSLESVLK.S	37
PLOG+5978	proteomics_log	2798189	2798266	+	2	22	R.NDVDDGVQDIQNDVNQLADSLESVLK.S	30
PLOG+5979	proteomics_log	2798234	2798266	+	2	2	N.QLADSLESVLK.S	15
PLOG+5980	proteomics_log	2798267	2798308	+	2	3	K.SWGSDAKGEAEAAAR.S	18
PLOG+5981	proteomics_log	2798309	2798341	+	2	44	R.SKAQALLKETR.A	15
PLOG+5982	proteomics_log	2798315	2798341	+	2	10	K.AQALLKETR.A	13
PLOG+5983	proteomics_log	2798937	2798957	+	3	2	F.RPDMINR.L	11
PLOG+5984	proteomics_log	2799733	2799837	+	1	6	R.YLEDFADRVTMVALTLAQGDETLALQLTDEMLSGR.F	39
PLOG+5985	proteomics_log	2803065	2803139	+	3	3	R.LIEPTRGQVLIDGVDIKISDAELR.E	29
PLOG+5986	proteomics_log	2803368	2803436	+	3	4	R.ALAINPDILLM*DEAFSALDPLIR.T	28
PLOG+5987	proteomics_log	2803368	2803475	+	3	9	R.ALAINPDILLMDEAFSALDPLIRTEMQDELVKLQAK.H	40
PLOG+5988	proteomics_log	2803368	2803436	+	3	91	R.ALAINPDILLMDEAFSALDPLIR.T	27
PLOG+5989	proteomics_log	2803485	2803526	+	3	23	R.TIVFISHDLDEAMR.I	18
PLOG+5990	proteomics_log	2803539	2803622	+	3	2	R.IAIM*QNGEVVQVGTPEILNPNANDYVR.T	33
PLOG+5991	proteomics_log	2803623	2803679	+	3	8	R.TFFRGVDISQVFSAKDIAR.R	23
PLOG+5992	proteomics_log	2803635	2803667	+	3	2	R.GVDISQVFSAK.D	15
PLOG+5993	proteomics_log	2803635	2803679	+	3	3	R.GVDISQVFSAKDIAR.R	19
PLOG+5994	proteomics_log	2803785	2803826	+	3	2	R.GNKFVGAVSIDSLK.T	18
PLOG+5995	proteomics_log	2804007	2804036	+	3	4	R.ALDREGVNNG.-	14
PLOG+5996	proteomics_log	2805217	2805303	+	1	96	A.ADLPGKGITVNPVQSTITEETFQTLVSR.A	33
PLOG+5997	proteomics_log	2805235	2805303	+	1	15	K.GITVNPVQSTITEETFQTLVSR.A	27
PLOG+5998	proteomics_log	2805538	2805570	+	1	3	K.ITNIAQLKDPK.I	15
PLOG+5999	proteomics_log	2805976	2806044	+	1	2	K.LFAIMQLPVADINAQNAIMHDGK.A	27
PLOG+6000	proteomics_log	2806090	2806143	+	1	19	K.AHQQQFDGWVNEALAAQK.-	22
PLOG+6001	proteomics_log	2808792	2808830	+	3	84	Q.MDSSFTPIEQMLK.F	17
PLOG+6002	proteomics_log	2808837	2808884	+	3	59	R.ASRHEDFPYQEILLTR.L	20
PLOG+6003	proteomics_log	2808846	2808884	+	3	23	R.HEDFPYQEILLTR.L	17
PLOG+6004	proteomics_log	2809062	2809085	+	3	13	R.IADELEKR.G	12
PLOG+6005	proteomics_log	2809260	2809319	+	3	3	R.KLLSRLDQMEQDGVVLEAMS.-	24
PLOG+6006	proteomics_log	2809263	2809319	+	3	2	K.LLSRLDQMEQDGVVLEAMS.-	23
PLOG+6007	proteomics_log	2809275	2809319	+	3	2	R.LDQM*EQDGVVLEAMS.-	20
PLOG+6008	proteomics_log	2809275	2809319	+	3	3	R.LDQMEQDGVVLEAM*S.-	20
PLOG+6009	proteomics_log	2809275	2809319	+	3	2	R.LDQM*EQDGVVLEAM*S.-	21
PLOG+6010	proteomics_log	2810529	2810558	+	3	5	R.STPVAVSTAR.E	14
PLOG+6011	proteomics_log	2810529	2810618	+	3	8	R.STPVAVSTAREISLAPVNKLIDDIVKANAG.-	34
PLOG+6012	proteomics_log	2810559	2810618	+	3	5	R.EISLAPVNKLIDDIVKANAG.-	24
PLOG+6013	proteomics_log	2815153	2815182	+	1	3	V.IPGAPAMPQR.W	14
PLOG+6014	proteomics_log	2818015	2818050	+	1	9	S.AAGVSTATQLGR.E	16
PLOG+6015	proteomics_log	2824364	2824396	+	2	2	K.KMGIQLEQKVH.L	15
PLOG+6016	proteomics_log	2828057	2828104	+	2	2	V.HPAEALHGDLMIESR.D	20
PLOG+6017	proteomics_log	2828516	2828593	+	2	3	R.TGLGLVAVCDAQQQVQVFTDGDLLR.W	30
PLOG+6018	proteomics_log	2828594	2828677	+	2	5	R.WLVGGGALTTPVNEAMTVGGTTLQSQR.A	32
PLOG+6019	proteomics_log	2833315	2833368	+	1	6	E.IM*RQTCTQQTVM*NNPAAK.Y	24
PLOG+6020	proteomics_log	2835888	2835935	+	3	3	K.PFITADSTIRADVSAR.C	20
PLOG+6021	proteomics_log	2847784	2847810	+	1	3	G.RAGDASLNR.R	13
PLOG+6022	proteomics_log	2848841	2848864	+	2	2	R.KVVNCTSK.N	12

PLOG+6023	proteomics_log	2849329	2849403	+	1	10	R.KQLVLNLVSSPGSGKTTLLTETLMR.L	29
PLOG+6024	proteomics_log	2849404	2849469	+	1	7	R.LKDSVPCAVIEGDQQTVNDAAR.I	26
PLOG+6025	proteomics_log	2851606	2851638	+	1	2	K.AVVTSMETAR.A	15
PLOG+6026	proteomics_log	2853851	2853871	+	2	2	L.QEQEFER.L	11
PLOG+6027	proteomics_log	2855775	2855810	+	3	2	R.DLVGFGVENAPR.G	16
PLOG+6028	proteomics_log	2856000	2856038	+	3	5	L.DCTVTPM*GSRM*LK.R	19
PLOG+6029	proteomics_log	2857083	2857115	+	3	3	R.VGAADDLASGR.S	15
PLOG+6030	proteomics_log	2878146	2878214	+	3	12	P.KPKIEWNTNLKLFNLFNFDCR.N	27
PLOG+6031	proteomics_log	2887567	2887614	+	1	6	A.GTRQQM*LRNLLRPLVR.F	21
PLOG+6032	proteomics_log	2889138	2889215	+	3	2	V.NFDMANVFRVTPGNFLVNREASHQR.R	30
PLOG+6033	proteomics_log	2889397	2889441	+	1	2	P.SSASLLSKSFPDWQK.N	19
PLOG+6034	proteomics_log	2896205	2896279	+	2	2	F.LFRLTVNDVVIVDEVHVGVAVLIAMR.G	29
PLOG+6035	proteomics_log	2900959	2901036	+	1	3	R.SILESVALTLKNNYDNMCNEM*NHFAK.H	31
PLOG+6036	proteomics_log	2909976	2910077	+	3	2	R.LIKLRLQEVHHLIETDIPATNRRQQLVDIIEVVT.R	38
PLOG+6037	proteomics_log	2910556	2910576	+	1	2	I.RSSCPER.A	11
PLOG+6038	proteomics_log	2919092	2919172	+	2	3	-.M*QNTITIDSNMPITIGVLRAM*FSDPVR.R	33
PLOG+6039	proteomics_log	2924603	2924677	+	2	2	R.ALQANLFAVLRDILFVYGGQIHNTVR.F	29
PLOG+6040	proteomics_log	2924678	2924740	+	2	4	R.FPNLNLDNSVHITNLVFSILR.N	25
PLOG+6041	proteomics_log	2924915	2924944	+	2	3	K.GAAVGHQAQR.Y	14
PLOG+6042	proteomics_log	2925071	2925199	+	2	8	R.IAHGIIIFPGGVGTAEELLYLLGILMNPANKDQVPLPLTGPKE	47
PLOG+6043	proteomics_log	2925278	2925310	+	2	2	R.IIIDDAAEVAR.Q	15
PLOG+6044	proteomics_log	2925497	2925547	+	2	4	R.AFSGIVAGNVKEVGIR.A	21
PLOG+6045	proteomics_log	2926251	2926295	+	3	2	-.METTQTSTIASKDSR.S	19
PLOG+6046	proteomics_log	2929080	2929121	+	3	12	V.AVHLLIVDALNLIR.R	18
PLOG+6047	proteomics_log	2937501	2937530	+	3	2	R.DLNELQTQGK.I	14
PLOG+6048	proteomics_log	2942831	2942869	+	2	5	R.GLLAVLLTAVEGK.T	17
PLOG+6049	proteomics_log	2942870	2942929	+	2	3	K.TAAELQAQSPLALFDELGLR.A	24
PLOG+6050	proteomics_log	2942951	2942998	+	2	3	R.SQGLNALSEAIIAATK.Q	20
PLOG+6051	proteomics_log	2942951	2943004	+	2	4	R.SQGLNALSEAIIAATKQV.-	22
PLOG+6052	proteomics_log	2947726	2947752	+	1	11	R.RIDEDAIHR.Q	13
PLOG+6053	proteomics_log	2947729	2947752	+	1	2	R.IDEDAIHR.Q	12
PLOG+6054	proteomics_log	2947963	2948010	+	1	11	R.VEAQEEKGDYNSGTVR.F	20
PLOG+6055	proteomics_log	2948020	2948112	+	1	14	R.GAVKACRSGVRRCHLISYQEDGALLQELFSR.D	35
PLOG+6056	proteomics_log	2948113	2948160	+	1	2	R.DGIGTQIVM*ESAEQIR.R	21
PLOG+6057	proteomics_log	2948161	2948238	+	1	2	R.RATINDIGGILELIRPLEQQGILVRR.S	30
PLOG+6058	proteomics_log	2948161	2948235	+	1	10	R.RATINDIGGILELIRPLEQQGILVR.R	29
PLOG+6059	proteomics_log	2948164	2948238	+	1	4	R.ATINDIGGILELIRPLEQQGILVRR.S	29
PLOG+6060	proteomics_log	2948164	2948235	+	1	73	R.ATINDIGGILELIRPLEQQGILVR.R	28
PLOG+6061	proteomics_log	2948239	2948289	+	1	6	R.SREQLEMEIDKFTIIQR.D	21
PLOG+6062	proteomics_log	2948383	2948415	+	1	2	R.SSSRGEVLLER.I	15
PLOG+6063	proteomics_log	2948416	2948451	+	1	3	R.IAAQAKQSGLSK.L	16
PLOG+6064	proteomics_log	2948473	2948496	+	1	2	R.SIHWFQER.G	12
PLOG+6065	proteomics_log	2948497	2948538	+	1	29	R.GFTPVVIDLLPESK.K	18
PLOG+6066	proteomics_log	2952029	2952070	+	2	2	A.DISARSIGITPRLR.Q	18
PLOG+6067	proteomics_log	2963328	2963351	+	3	3	E.KLNNDAKR.A	12
PLOG+6068	proteomics_log	2969482	2969508	+	1	2	R.DDVSQIIER.-	13

PLOG+6069	proteomics_log	2970048	2970125	+	3	33	K.LGYSWTD SAPAVSLLDTL DALAEYQR.A	30
PLOG+6070	proteomics_log	2970219	2970257	+	3	15	R.IVTIQNPYSLLNR.S	17
PLOG+6071	proteomics_log	2970465	2970509	+	3	2	R.RHGLDPAQMALAFVR.R	19
PLOG+6072	proteomics_log	2970468	2970509	+	3	6	R.HGLDPAQMALAFVR.R	18
PLOG+6073	proteomics_log	2975599	2975649	+	1	2	R.HSVSTPSLEASHHATSD.-	21
PLOG+6074	proteomics_log	3010299	3010367	+	3	2	K.VEAAASFARSRAGREALITVLSK.A	27
PLOG+6075	proteomics_log	3016293	3016376	+	3	2	L.NNPERFDADGTLTLRVMSLGEPEDEKGR.R	32
PLOG+6076	proteomics_log	3029881	3029910	+	1	16	Q.VGIDWAAGGK.G	14
PLOG+6077	proteomics_log	3038117	3038209	+	2	4	K.IVALYGLGDQLGYGEWFLDALGMLHDKLSTK.G	35
PLOG+6078	proteomics_log	3039383	3039451	+	2	44	R.LPLTMTLDDWALATITGADSEK.Y	27
PLOG+6079	proteomics_log	3039557	3039595	+	2	8	R.LFRDGDGFAWIER.R	17
PLOG+6080	proteomics_log	3039557	3039598	+	2	87	R.LFRDGDGFAWIERR.S	18
PLOG+6081	proteomics_log	3039599	3039652	+	2	4	R.SVREPQLTELKKYAVFSK.V	22
PLOG+6082	proteomics_log	3039599	3039634	+	2	72	R.SVREPQLTELKK.Y	16
PLOG+6083	proteomics_log	3039653	3039679	+	2	6	K.VTIAPDDER.V	13
PLOG+6084	proteomics_log	3039680	3039712	+	2	80	R.VLLGVAGFQAR.A	15
PLOG+6085	proteomics_log	3039713	3039751	+	2	3	R.AALANLFSLEPSK.E	17
PLOG+6086	proteomics_log	3039713	3039757	+	2	17	R.AALANLFSLEPSKEK.Q	19
PLOG+6087	proteomics_log	3039713	3039814	+	2	20	R.AALANLFSLEPSKEKQVVKEGATLLWFEHPAER.F	38
PLOG+6088	proteomics_log	3039758	3039814	+	2	6	K.QVVKEGATLLWFEHPAER.F	23
PLOG+6089	proteomics_log	3040073	3040159	+	2	2	R.ALWLLAGSASRLPEAGEDLELKMGENWRR.T	33
PLOG+6090	proteomics_log	3040073	3040138	+	2	4	R.ALWLLAGSASRLPEAGEDLELK.M	26
PLOG+6091	proteomics_log	3040073	3040105	+	2	20	R.ALWLLAGSASR.L	15
PLOG+6092	proteomics_log	3040106	3040138	+	2	18	R.LPEAGEDLELK.M	15
PLOG+6093	proteomics_log	3040256	3040312	+	2	7	R.VRDDANTLHIEPLPYSLEE.-	23
PLOG+6094	proteomics_log	3040262	3040312	+	2	3	R.DDANTLHIEPLPYSLEE.-	21
PLOG+6095	proteomics_log	3053637	3053672	+	3	24	M.SAQPVDIQIFGR.S	16
PLOG+6096	proteomics_log	3053706	3053744	+	3	7	R.DALNQAADDLNQR.L	17
PLOG+6097	proteomics_log	3053841	3053879	+	3	5	K.AKTRDYAASM*EQR.I	18
PLOG+6098	proteomics_log	3053853	3053879	+	3	3	R.DYAASM*EQR.I	14
PLOG+6099	proteomics_log	3053886	3053942	+	3	2	R.MLQQTIEQALLEQGRITEK.T	23
PLOG+6100	proteomics_log	3053886	3053930	+	3	9	R.MLQQTIEQALLEQGR.I	19
PLOG+6101	proteomics_log	3053886	3053960	+	3	35	R.MLQQTIEQALLEQGRITEKTNQNF.-	29
PLOG+6102	proteomics_log	3057889	3057933	+	1	4	R.IKQLENMFGQPLLVR.T	19
PLOG+6103	proteomics_log	3058615	3058665	+	1	3	R.KVTDALLDYGHKVLQRD.-	21
PLOG+6104	proteomics_log	3058615	3058650	+	1	5	R.KVTDALLDYGHK.V	16
PLOG+6105	proteomics_log	3061510	3061611	+	1	5	M.VDCFISLQIAGGGDDLQGIKKGLM*EVADLIVINK.D	39
PLOG+6106	proteomics_log	3071340	3071399	+	3	2	P.GCEKSTFLAPAAICASPCSR.E	24
PLOG+6107	proteomics_log	3080148	3080225	+	3	3	K.RLTIANALGNNINGQPVNYKVYMAK.D	30
PLOG+6108	proteomics_log	3080265	3080357	+	3	3	R.VYSGLMDDMTDNEVEAVIGHMGHVALGHVK.K	35
PLOG+6109	proteomics_log	3080397	3080495	+	3	2	R.VAAASAGGIVGSLSQLGNLGEKLVNSQFSQR.Q	37
PLOG+6110	proteomics_log	3080397	3080468	+	3	2	R.VAAASAGGIVGSLSQLGNLGEK.L	28
PLOG+6111	proteomics_log	3080496	3080537	+	3	2	R.QEAEADDYSYDLLR.Q	18
PLOG+6112	proteomics_log	3080544	3080582	+	3	2	R.GISPAGLATSFEK.L	17
PLOG+6113	proteomics_log	3080592	3080648	+	3	2	K.LEEGRQSSMFDDHPASAER.A	23
PLOG+6114	proteomics_log	3084731	3084844	+	2	97	M.AKHLFTSESVSEGHDPKIDQISDAVLDAILEQDPKAR.V	42

PLOG+6115	proteomics_log	3084731	3084838	+	2	165	M.AKHLFTSESVSEGHDPDKIADQISDAVLDAILEQDPK.A	40
PLOG+6116	proteomics_log	3084737	3084838	+	2	6	K.HLFTSESVSEGHDPDKIADQISDAVLDAILEQDPK.A	38
PLOG+6117	proteomics_log	3084746	3084838	+	2	2	F.TSESVSEGHDPDKIADQISDAVLDAILEQDPK.A	35
PLOG+6118	proteomics_log	3084782	3084838	+	2	14	K.IADQISDAVLDAILEQDPK.A	23
PLOG+6119	proteomics_log	3084788	3084838	+	2	2	A.DQISDAVLDAILEQDPK.A	21
PLOG+6120	proteomics_log	3084794	3084838	+	2	2	Q.ISDAVLDAILEQDPK.A	19
PLOG+6121	proteomics_log	3084845	3084868	+	2	3	R.VACETYVK.T	12
PLOG+6122	proteomics_log	3084869	3084937	+	2	5	K.TGMVLVGGEITTSAWVDIEEITR.N	27
PLOG+6123	proteomics_log	3085022	3085054	+	2	9	K.QSPDINQGVDR.A	15
PLOG+6124	proteomics_log	3085055	3085126	+	2	2	R.ADPLEQGAGDQGLMFGYATNETDV.L	28
PLOG+6125	proteomics_log	3085055	3085156	+	2	2	R.ADPLEQGAGDQGLM*FGYATNETDVLMPAPITYAH.R	40
PLOG+6126	proteomics_log	3085055	3085159	+	2	20	R.ADPLEQGAGDQGLMFGYATNETDVLMPAPITYAHR.L	39
PLOG+6127	proteomics_log	3085187	3085225	+	2	32	R.KNGTLPWLRPDAK.S	17
PLOG+6128	proteomics_log	3085190	3085225	+	2	2	K.NGTLPWLRPDAK.S	16
PLOG+6129	proteomics_log	3085226	3085318	+	2	18	K.SQVTFQYDDGKIVGIDAVVLSTQHSEEIDQK.S	35
PLOG+6130	proteomics_log	3085319	3085396	+	2	2	K.SLQEAVM*EEIIPILPAEWLTSATKF.F	31
PLOG+6131	proteomics_log	3085319	3085417	+	2	4	K.SLQEAVM*EEIIPILPAEWLTSATKFFINPTGR.F	38
PLOG+6132	proteomics_log	3085319	3085393	+	2	8	K.SLQEAVM*EEIIPILPAEWLTSATK.F	30
PLOG+6133	proteomics_log	3085319	3085396	+	2	60	K.SLQEAVMEEIIPILPAEWLTSATKF.F	30
PLOG+6134	proteomics_log	3085319	3085417	+	2	246	K.SLQEAVMEEIIPILPAEWLTSATKFFINPTGR.F	37
PLOG+6135	proteomics_log	3085319	3085393	+	2	305	K.SLQEAVMEEIIPILPAEWLTSATK.F	29
PLOG+6136	proteomics_log	3085352	3085417	+	2	191	I.KPILPAEWLTSATKFFINPTGR.F	26
PLOG+6137	proteomics_log	3085394	3085465	+	2	2	K.FFINPTGRFVIGGPMGDCGLTGRK.I	28
PLOG+6138	proteomics_log	3085394	3085462	+	2	9	K.FFINPTGRFVIGGPMGDCGLTGRK.K	27
PLOG+6139	proteomics_log	3085394	3085417	+	2	48	K.FFINPTGR.F	12
PLOG+6140	proteomics_log	3085418	3085498	+	2	2	R.FVIGGPMGDCGLTGRKIIVDTYGGMAR.H	31
PLOG+6141	proteomics_log	3085418	3085462	+	2	11	R.FVIGGPMGDCGLTGRK	19
PLOG+6142	proteomics_log	3085463	3085498	+	2	13	R.KIIVDTYGGM*AR.H	17
PLOG+6143	proteomics_log	3085463	3085498	+	2	44	R.KIIVDTYGGMAR.H	16
PLOG+6144	proteomics_log	3085466	3085498	+	2	4	K.IIVDTYGGM*AR.H	16
PLOG+6145	proteomics_log	3085466	3085498	+	2	90	K.IIVDTYGGMAR.H	15
PLOG+6146	proteomics_log	3085499	3085537	+	2	37	R.HGGGAFSGKDPSK.V	17
PLOG+6147	proteomics_log	3085499	3085546	+	2	261	R.HGGGAFSGKDPSKVDR.S	20
PLOG+6148	proteomics_log	3085547	3085567	+	2	3	R.SAAYAAR.Y	11
PLOG+6149	proteomics_log	3085568	3085609	+	2	18	R.YVAKNIVAAGLADR.C	18
PLOG+6150	proteomics_log	3085580	3085609	+	2	36	K.NIVAAGLADR.C	14
PLOG+6151	proteomics_log	3085721	3085816	+	2	17	R.EFFDLRPYGLIQMLDLLHPIYKETAAYGHFGR.E	36
PLOG+6152	proteomics_log	3085721	3085786	+	2	48	R.EFFDLRPYGLIQMLDLLHPIYK.E	26
PLOG+6153	proteomics_log	3085838	3085879	+	2	10	K.TDKAQLLRDAAGLK.-	18
PLOG+6154	proteomics_log	3085847	3085879	+	2	5	K.AQLLRDAAGLK.-	15
PLOG+6155	proteomics_log	3088447	3088479	+	1	5	N.SFSQAKAAAVK.V	15
PLOG+6156	proteomics_log	3089726	3089782	+	2	35	R.LLIGPEGGLSADEIAMTAR.Y	23
PLOG+6157	proteomics_log	3089783	3089815	+	2	3	R.YQFTDILLGPR.V	15
PLOG+6158	proteomics_log	3089816	3089869	+	2	2	R.VLRTETTALTAITALQVR.F	22
PLOG+6159	proteomics_log	3089909	3089953	+	2	2	K.LGIVMDPIANINIKK.D	19
PLOG+6160	proteomics_log	3089909	3089989	+	2	2	K.LGIVMDPIANINIKKDSSFAMLLEAQR.R	31

PLOG+6161	proteomics_log	3089909	3089950	+	2	6	K.LGIVMDPIANINIK.K	18
PLOG+6162	proteomics_log	3090065	3090157	+	2	3	R.TLNVKQNYEEWFVGEQDLPLADLDVILMR.K	35
PLOG+6163	proteomics_log	3090080	3090157	+	2	20	K.QNYEEWFVGEQDLPLADLDVILMR.K	30
PLOG+6164	proteomics_log	3090275	3090325	+	2	3	K.LFTAWFSDLTPETLVTR.N	21
PLOG+6165	proteomics_log	3090344	3090415	+	2	12	K.AFWEKHSIILKPLDGMGGASIFR.V	28
PLOG+6166	proteomics_log	3090359	3090415	+	2	26	K.HSDIILKPLDGMGGASIFR.V	23
PLOG+6167	proteomics_log	3090377	3090415	+	2	8	L.KPLDGMGGASIFR.V	17
PLOG+6168	proteomics_log	3090416	3090478	+	2	8	R.VKEGDPNLGVIAETLTHEGTR.Y	25
PLOG+6169	proteomics_log	3090530	3090562	+	2	2	R.VLVVDGEPVPY.C	15
PLOG+6170	proteomics_log	3090659	3090766	+	2	4	K.IARQIGPTLKEKGLIFVGLDIIGDRLTEINVTSPTC.I	40
PLOG+6171	proteomics_log	3090695	3090733	+	2	29	K.GLIFVGLDIIGDR.L	17
PLOG+6172	proteomics_log	3090773	3090835	+	2	2	R.EIEAEFPVSITGMLM*DAIEAR.L	26
PLOG+6173	proteomics_log	3090773	3090835	+	2	2	R.EIEAEFPVSITGM*LMDAIEAR.L	26
PLOG+6174	proteomics_log	3090773	3090835	+	2	56	R.EIEAEFPVSITGMLMDAIEAR.L	25
PLOG+6175	proteomics_log	3090959	3091021	+	2	2	T.M*NLQHHFLIAMPALQDPFRR.S	26
PLOG+6176	proteomics_log	3090959	3091021	+	2	2	T.M*NLQHHFLIAM*PALQDPFRR.S	27
PLOG+6177	proteomics_log	3091364	3091435	+	2	4	K.GQLEQEILDNAWLTAPADLNILFK.T	28
PLOG+6178	proteomics_log	3091472	3091519	+	2	50	K.LIGVDILTMPGVAGHA.-	20
PLOG+6179	proteomics_log	3091525	3091560	+	1	4	M.SGTLAFLDFGDK.S	16
PLOG+6180	proteomics_log	3091663	3091746	+	1	23	R.LLKEWQPDEIIVGLPLNMDGTEQPLTAR.A	32
PLOG+6181	proteomics_log	3093120	3093182	+	3	2	K.MNDIAHNLAQVRDKISAAATR.C	25
PLOG+6182	proteomics_log	3093120	3093182	+	3	2	K.M*NDIAHNLAQVRDKISAAATR.C	26
PLOG+6183	proteomics_log	3093228	3093275	+	3	2	K.TKPASAIAEAIDAGQR.Q	20
PLOG+6184	proteomics_log	3093531	3093590	+	3	2	K.SGIQLAELDELAAVAELPR.L	24
PLOG+6185	proteomics_log	3093531	3093596	+	3	2	K.SGIQLAELDELAAVAELPRLR.L	26
PLOG+6186	proteomics_log	3094703	3094747	+	2	8	P.M*QKVVLATGNVGKVR.E	20
PLOG+6187	proteomics_log	3094703	3094747	+	2	49	P.MQKVVLATGNVGKVR.E	19
PLOG+6188	proteomics_log	3094748	3094867	+	2	2	R.ELASLLSDFGLDIVAQTDLGVDSAEETGLTFIENAILKAR.H	44
PLOG+6189	proteomics_log	3094748	3094861	+	2	5	R.ELASLLSDFGLDIVAQTDLGVDSAEETGLTFIENAILK.A	42
PLOG+6190	proteomics_log	3094868	3094963	+	2	26	R.HAAKV TALPAIADDSGLAVDVLGGAPGIYSAR.Y	36
PLOG+6191	proteomics_log	3094880	3094963	+	2	45	K.VTALPAIADDSGLAVDVLGGAPGIYSAR.Y	32
PLOG+6192	proteomics_log	3094964	3095005	+	2	7	R.YSGEDATDQKNLQK.L	18
PLOG+6193	proteomics_log	3094964	3094993	+	2	14	R.YSGEDATDQK.N	14
PLOG+6194	proteomics_log	3095006	3095044	+	2	2	K.LLETMKDVPDDQR.Q	17
PLOG+6195	proteomics_log	3095234	3095266	+	2	3	K.SAISHRGQALK.L	15
PLOG+6196	proteomics_log	3095252	3095287	+	2	4	R.GQALKLLLDALR.N	16
PLOG+6197	proteomics_log	3095505	3095543	+	3	3	L.SGPAMQTLLDGVR.A	17
PLOG+6198	proteomics_log	3102307	3102348	+	1	3	K.LLEQEMVNFLFEGK.E	18
PLOG+6199	proteomics_log	3109889	3109975	+	2	3	R.CASQA INPQGM*DIQSGATVARVMPFSCNH.C	34
PLOG+6200	proteomics_log	3113916	3113972	+	3	2	I.RVQADGFSNVLSLFRYCSR.I	23
PLOG+6201	proteomics_log	3136797	3136856	+	3	2	K.SAGGAFANINRPVSGPTHEK.T	24
PLOG+6202	proteomics_log	3136920	3136991	+	3	9	K.VTIMLEELLALGVTGAEYDAWLIR.I	28
PLOG+6203	proteomics_log	3136992	3137048	+	3	2	R.IGDGDQFSSGFVEVNPNSK.I	23
PLOG+6204	proteomics_log	3137091	3137165	+	3	10	R.VFESGSILLYLAEKFGYFLPQDLAK.R	29
PLOG+6205	proteomics_log	3137133	3137165	+	3	5	K.FGYFLPQDLAK.R	15
PLOG+6206	proteomics_log	3137169	3137261	+	3	3	R.TETMNWLFWLQGAAPFLGGGFHGFYHYAPVK.I	35

PLOG+6207	proteomics_log	3137517	3137612	+	3	4	R.IVNRTNGPLNEQLHERHDASDFETNTEDKRQG.-	36
PLOG+6208	proteomics_log	3137517	3137564	+	3	10	R.IVNRTNGPLNEQLHER.H	20
PLOG+6209	proteomics_log	3137529	3137564	+	3	2	R.TNGPLNEQLHER.H	16
PLOG+6210	proteomics_log	3137565	3137612	+	3	8	R.HDASDFETNTEDKRQG.-	20
PLOG+6211	proteomics_log	3137565	3137606	+	3	11	R.HDASDFETNTEDKR.Q	18
PLOG+6212	proteomics_log	3138182	3138205	+	2	9	S.VADNFKTK.T	12
PLOG+6213	proteomics_log	3138550	3138594	+	1	2	I.VPYGSCRPIFSLTLR.S	19
PLOG+6214	proteomics_log	3140070	3140114	+	3	4	D.RTIRGQIRILNVAAR.E	19
PLOG+6215	proteomics_log	3140574	3140651	+	3	12	L.FRTVQVPGRNAFQHFGGFGWVSLQCR.S	30
PLOG+6216	proteomics_log	3146750	3146830	+	2	3	R.GQSMAQMALSWLLKDDRVTSVLIGASR.A	31
PLOG+6217	proteomics_log	3147834	3147872	+	3	2	R.KALVTGGDSGIGR.A	17
PLOG+6218	proteomics_log	3148056	3148097	+	3	3	K.ALGGLDIMALVAGK.Q	18
PLOG+6219	proteomics_log	3150261	3150302	+	3	58	M.ADKKLDTQLVNAGR.S	18
PLOG+6220	proteomics_log	3150303	3150347	+	3	7	R.SKKYTLGAVNSVIQR.A	19
PLOG+6221	proteomics_log	3150309	3150347	+	3	12	K.KYTLGAVNSVIQR.A	17
PLOG+6222	proteomics_log	3150312	3150347	+	3	8	K.YTLGAVNSVIQR.A	16
PLOG+6223	proteomics_log	3150348	3150383	+	3	11	R.ASSLVFDSVEAK.K	16
PLOG+6224	proteomics_log	3150630	3150704	+	3	2	K.LGVTTSWFDPLIGADIVKHLQPNTK.I	29
PLOG+6225	proteomics_log	3150630	3150683	+	3	20	K.LGVTTSWFDPLIGADIVK.H	22
PLOG+6226	proteomics_log	3150705	3150779	+	3	4	K.IVFLESPGSITMEVHDVPAIVAAVR.S	29
PLOG+6227	proteomics_log	3151164	3151205	+	3	3	R.DFTGSSGLFSFVLK.K	18
PLOG+6228	proteomics_log	3151374	3151436	+	3	54	R.LHIGLEDVDDLIADLDAGFAR.I	25
PLOG+6229	proteomics_log	3151380	3151436	+	3	36	H.IGLEDVDDLIADLDAGFAR.I	23
PLOG+6230	proteomics_log	3153503	3153613	+	2	6	K.KTGVLQVLDALKGMDVLEFGGIEPNPAYETLMNAVK.L	41
PLOG+6231	proteomics_log	3153506	3153613	+	2	7	K.TGVLQVLDALKGMDVLEFGGIEPNPAYETLMNAVK.L	40
PLOG+6232	proteomics_log	3154022	3154099	+	2	9	R.FAEGILLTLIEDGPKALKEPENYDVR.A	30
PLOG+6233	proteomics_log	3154022	3154066	+	2	82	R.FAEGILLTLIEDGPK.A	19
PLOG+6234	proteomics_log	3154370	3154450	+	2	3	R.NFFEQLGVPTHLSDYGLDGSSIPALLK.K	31
PLOG+6235	proteomics_log	3154370	3154453	+	2	4	R.NFFEQLGVPTHLSDYGLDGSSIPALLKK.L	32
PLOG+6236	proteomics_log	3154648	3154773	+	1	2	M.ANPTVIKLDGNVMPQLGLGVWQASNEEVITAIQKALEVGYR.S	46
PLOG+6237	proteomics_log	3154774	3154821	+	1	8	R.SIDTAAAYKNEEGVGK.A	20
PLOG+6238	proteomics_log	3154927	3155007	+	1	2	K.KLQLDYIDLILMHWPVPAIDHYVEAWK.G	31
PLOG+6239	proteomics_log	3154930	3155007	+	1	8	K.LQLDYIDLILMHWPVPAIDHYVEAWK.G	30
PLOG+6240	proteomics_log	3155086	3155154	+	1	9	R.LIDETGVTPVINQIELHPLMQQR.Q	27
PLOG+6241	proteomics_log	3155185	3155226	+	1	2	K.IQTESWSPLAQQGK.G	18
PLOG+6242	proteomics_log	3155245	3155277	+	1	2	K.VIRDLADKYGK.T	15
PLOG+6243	proteomics_log	3155245	3155301	+	1	3	K.VIRDLADKYGKTPAQIVIR.W	23
PLOG+6244	proteomics_log	3155278	3155301	+	1	5	K.TPAQIVIR.W	12
PLOG+6245	proteomics_log	3155302	3155337	+	1	11	R.WHLDSGLVVIK.S	16
PLOG+6246	proteomics_log	3155356	3155439	+	1	3	R.IAENFDVWDFRLDKDELGEIAKLDQGKR.L	32
PLOG+6247	proteomics_log	3155356	3155421	+	1	4	R.IAENFDVWDFRLDKDELGEIAK.L	26
PLOG+6248	proteomics_log	3155440	3155469	+	1	2	R.LGPDPPDQFGG.-	14
PLOG+6249	proteomics_log	3160297	3160356	+	1	13	R.MGSTGAQSFAFGDIIRAGPPI.S	24
PLOG+6250	proteomics_log	3170555	3170671	+	2	2	M.SNILIINGAKKFAHNSGQLNDTLTEVADGTLRDLGHDVR.I	43
PLOG+6251	proteomics_log	3170585	3170671	+	2	4	K.KFAHNSGQLNDTLTEVADGTLRDLGHDVR.I	33
PLOG+6252	proteomics_log	3170588	3170674	+	2	2	K.FAHNSGQLNDTLTEVADGTLRDLGHDVRI.V	33



PLOG+6253	proteomics_log	3171002	3171088	+	2	2	P.FHKANQFLGMEPLPTFIANDVIKMPDVPR.Y	33
PLOG+6254	proteomics_log	3171011	3171070	+	2	10	K.ANQFLGMEPLPTFIANDVIK.M	24
PLOG+6255	proteomics_log	3171164	3171190	+	2	3	T.M*LTVIAEIR.T	14
PLOG+6256	proteomics_log	3171164	3171190	+	2	139	T.MLTVIAEIR.T	13
PLOG+6257	proteomics_log	3171215	3171241	+	2	3	R.QAVLDQFAK.I	13
PLOG+6258	proteomics_log	3171410	3171457	+	2	5	K.AYSEAVKGDVLEM*NIR.I	21
PLOG+6259	proteomics_log	3171410	3171457	+	2	147	K.AYSEAVKGDVLEMNIR.I	20
PLOG+6260	proteomics_log	3172184	3172279	+	2	9	S.VRLRSCAVQSASLPGNAGPLVSFLRTTFLAAR.I	36
PLOG+6261	proteomics_log	3174077	3174121	+	2	3	R.RCTSVVSVPSACNSR.V	19
PLOG+6262	proteomics_log	3176203	3176235	+	1	11	A.ENLM*QVYQAR.L	16
PLOG+6263	proteomics_log	3176203	3176235	+	1	141	A.ENLMQVYQAR.L	15
PLOG+6264	proteomics_log	3176257	3176292	+	1	6	R.KSAADRDAAFEK.I	16
PLOG+6265	proteomics_log	3176257	3176307	+	1	42	R.KSAADRDAAFEKINEAR.S	21
PLOG+6266	proteomics_log	3176260	3176292	+	1	4	K.SAADRDAAFEK.I	15
PLOG+6267	proteomics_log	3176260	3176307	+	1	123	K.SAADRDAAFEKINEAR.S	20
PLOG+6268	proteomics_log	3176308	3176367	+	1	3	R.SPQLLQGLGADYTYSNGYR.D	24
PLOG+6269	proteomics_log	3176368	3176442	+	1	2	R.DANGINSNATSASLQLTQSIFDMSK.W	29
PLOG+6270	proteomics_log	3176368	3176442	+	1	2	R.DANGINSNATSASLQLTQSIFDM*SK.W	30
PLOG+6271	proteomics_log	3176449	3176469	+	1	2	R.ALTLQEK.A	11
PLOG+6272	proteomics_log	3176470	3176592	+	1	8	K.AAGIQDVTYQTDQQLILNTATAYFNVLNAIDVLSYTAQK.E	45
PLOG+6273	proteomics_log	3176608	3176676	+	1	5	R.QLDQTTQRFNVGLVAITDVQNAR.A	27
PLOG+6274	proteomics_log	3176632	3176676	+	1	136	R.FNVGLVAITDVQNAR.A	19
PLOG+6275	proteomics_log	3176677	3176751	+	1	31	R.AQYDTVLANEVTARNNLDNAVEQLR.Q	29
PLOG+6276	proteomics_log	3176677	3176718	+	1	67	R.AQYDTVLANEVTAR.N	18
PLOG+6277	proteomics_log	3176719	3176751	+	1	29	R.NNLDNAVEQLR.Q	15
PLOG+6278	proteomics_log	3176752	3176844	+	1	5	R.QITGNYYPELAALNVENFKTDKQPVNALLK.E	35
PLOG+6279	proteomics_log	3176752	3176859	+	1	6	R.QITGNYYPELAALNVENFKTDKQPVNALLKEAEKR.N	40
PLOG+6280	proteomics_log	3176752	3176808	+	1	27	R.QITGNYYPELAALNVENFK.T	23
PLOG+6281	proteomics_log	3176809	3176859	+	1	21	K.TDKQPVNALLKEAEKR.N	21
PLOG+6282	proteomics_log	3176860	3176883	+	1	10	R.NLSLLQAR.L	12
PLOG+6283	proteomics_log	3176917	3176997	+	1	3	R.QAQDGHLPDLTASTGISDTSYSGSK.T	31
PLOG+6284	proteomics_log	3176998	3177051	+	1	2	K.TRGAAGTQYDDSNM*GQNK.V	23
PLOG+6285	proteomics_log	3177004	3177051	+	1	7	R.GAAGTQYDDSNM*GQNK.V	21
PLOG+6286	proteomics_log	3177004	3177111	+	1	7	R.GAAGTQYDDSNMGQNKVGLSFLPIYQGGMVNSQVK.Q	40
PLOG+6287	proteomics_log	3177004	3177051	+	1	9	R.GAAGTQYDDSNMGQNK.V	20
PLOG+6288	proteomics_log	3177052	3177111	+	1	50	K.VGLSFLPIYQGGMVNSQVK.Q	24
PLOG+6289	proteomics_log	3177112	3177165	+	1	38	K.QAQYNFVGASEQLESAHR.S	22
PLOG+6290	proteomics_log	3177187	3177237	+	1	28	R.SSFNNINASSINAYK.Q	21
PLOG+6291	proteomics_log	3177187	3177303	+	1	67	R.SSFNNINASSINAYKQAVVSAQSSLDAMEAGYSVGTR.T	43
PLOG+6292	proteomics_log	3177304	3177342	+	1	6	R.TIVDVLDAATTTLY.N	17
PLOG+6293	proteomics_log	3177304	3177405	+	1	60	R.TIVDVLDAATTTLYNAKQELANARYNYLINQLNIK.S	38
PLOG+6294	proteomics_log	3177304	3177351	+	1	171	R.TIVDVLDAATTTLYNAK.Q	20
PLOG+6295	proteomics_log	3177304	3177372	+	1	243	R.TIVDVLDAATTTLYNAKQELANAR.Y	27
PLOG+6296	proteomics_log	3177373	3177405	+	1	151	R.YNYLINQLNIK.S	15
PLOG+6297	proteomics_log	3177580	3177615	+	1	62	R.TTTSNGHNPFNR.-	16
PLOG+6298	proteomics_log	3178165	3178215	+	1	2	R.LMGGGAGFAQQPLFSSK.N	21

PLOG+6299	proteomics_log	3178309	3178353	+	1	20	K.TAMAPKPATTTTVTR.G	19
PLOG+6300	proteomics_log	3178354	3178380	+	1	2	R.GGFGESVAK.Q	13
PLOG+6301	proteomics_log	3180016	3180099	+	1	2	R.FATVDTQLHHRDISVRIHLNQHAPRAVV.K	32
PLOG+6302	proteomics_log	3181184	3181246	+	2	2	I.MAAVAGIMVALSVDELM*PLAK.E	26
PLOG+6303	proteomics_log	3182922	3182957	+	3	3	K.GIREFGEDVEKK.I	16
PLOG+6304	proteomics_log	3182922	3182963	+	3	48	K.GIREFGEDVEKKIR.Q	18
PLOG+6305	proteomics_log	3182958	3182990	+	3	9	K.IRQTLQAQLTR.L	15
PLOG+6306	proteomics_log	3183051	3183077	+	3	26	R.EKLALLEQR.I	13
PLOG+6307	proteomics_log	3183078	3183098	+	3	7	R.ISELENR.S	11
PLOG+6308	proteomics_log	3183871	3183912	+	1	4	F.NNTNSYQELNFKAR.M	18
PLOG+6309	proteomics_log	3190572	3190589	+	3	4	A.VHYTGK.I	10
PLOG+6310	proteomics_log	3190572	3190589	+	3	4	A.VHYTGK.I	10
PLOG+6311	proteomics_log	3191825	3191908	+	2	2	R.EVRIKEIEQQVTEIANQTKSIAIAAKS.E	32
PLOG+6312	proteomics_log	3194531	3194575	+	2	5	L.SARAASSMPVNPTRR.A	19
PLOG+6313	proteomics_log	3199295	3199339	+	2	3	A.EETRYVSDDELNTWVR.S	19
PLOG+6314	proteomics_log	3199364	3199441	+	2	3	R.LVGTVNAGEEVTLLQTDANTNYAQVK.D	30
PLOG+6315	proteomics_log	3199457	3199504	+	2	3	R.TAWIPLKQLSTEPCLR.S	20
PLOG+6316	proteomics_log	3199505	3199537	+	2	24	R.SRVPLENQVK.T	15
PLOG+6317	proteomics_log	3199538	3199585	+	2	3	K.TLTDKLTNIDNTWNQR.T	20
PLOG+6318	proteomics_log	3200186	3200269	+	2	4	R.DLTINALAQDDNGEIIDPYNGLGDLQNR.L	32
PLOG+6319	proteomics_log	3208806	3208856	+	3	187	M.PVIKVRENEPFDVALRR.F	21
PLOG+6320	proteomics_log	3208806	3208853	+	3	247	M.PVIKVRENEPFDVALR.R	20
PLOG+6321	proteomics_log	3208818	3208853	+	3	74	K.VRENEPFDVALR.R	16
PLOG+6322	proteomics_log	3208818	3208856	+	3	122	K.VRENEPFDVALRR.F	17
PLOG+6323	proteomics_log	3208824	3208853	+	3	7	R.ENEPFDVALR.R	14
PLOG+6324	proteomics_log	3208866	3208901	+	3	17	R.SCEKAGVLAEVR.R	16
PLOG+6325	proteomics_log	3208872	3208901	+	3	10	C.EKAGVLAEVR.R	14
PLOG+6326	proteomics_log	3208878	3208901	+	3	141	K.AGVLAEVR.R	12
PLOG+6327	proteomics_log	3208902	3208943	+	3	6	R.RREFYEKPTTERKR.A	18
PLOG+6328	proteomics_log	3208902	3208940	+	3	6	R.RREFYEKPTTERK.R	17
PLOG+6329	proteomics_log	3208902	3208937	+	3	64	R.RREFYEKPTTERK.K	16
PLOG+6330	proteomics_log	3208905	3208937	+	3	41	R.REFYEKPTTER.K	15
PLOG+6331	proteomics_log	3208908	3208943	+	3	5	R.EFYEKPTTERKR.A	16
PLOG+6332	proteomics_log	3208908	3208940	+	3	107	R.EFYEKPTTERK.R	15
PLOG+6333	proteomics_log	3208944	3208976	+	3	5	R.AKASAVKRHAK.K	15
PLOG+6334	proteomics_log	3208968	3209000	+	3	10	R.HAKKLARENAR.R	15
PLOG+6335	proteomics_log	3209459	3209560	+	2	3	R.HQRQTLYQLMDGLNTFYQQLQPVATSARQYLE.K	38
PLOG+6336	proteomics_log	3209666	3209686	+	2	2	R.QSLIDAG.M	11
PLOG+6337	proteomics_log	3210212	3210292	+	2	2	R.M*EQAM*PLSAFLFNSLM*PQVDLSTPDGR.A	34
PLOG+6338	proteomics_log	3210299	3210352	+	2	2	R.LSTLALPLISQVPGETLR.I	22
PLOG+6339	proteomics_log	3211069	3211113	+	1	3	L.MEQNPQSQLKLLVTR.G	19
PLOG+6340	proteomics_log	3211069	3211098	+	1	10	L.M*EQNPQSQLK.L	15
PLOG+6341	proteomics_log	3211069	3211098	+	1	19	L.MEQNPQSQLK.L	14
PLOG+6342	proteomics_log	3211378	3211434	+	1	2	R.EMGTVELLTREGEIDIAGR.I	23
PLOG+6343	proteomics_log	3211378	3211407	+	1	31	R.EMGTVELLTR.E	14
PLOG+6344	proteomics_log	3211678	3211722	+	1	2	D.DSADDDNSIDPELAR.E	19

PLOG+6345	proteomics_log	3211744	3211782	+	1	6	R.AQYVVTRDTIKAK.G	17
PLOG+6346	proteomics_log	3211783	3211848	+	1	3	K.GRSHATAQEEILKLSEVFKQFR.L	26
PLOG+6347	proteomics_log	3211789	3211839	+	1	10	R.SHATAQEEILKLSEVFK.Q	21
PLOG+6348	proteomics_log	3211789	3211821	+	1	21	R.SHATAQEEILK.L	15
PLOG+6349	proteomics_log	3211789	3211848	+	1	48	R.SHATAQEEILKLSEVFKQFR.L	24
PLOG+6350	proteomics_log	3211822	3211848	+	1	2	K.LSEVFKQFR.L	13
PLOG+6351	proteomics_log	3211849	3211890	+	1	13	R.LVPKQFDYLVNSMR.V	18
PLOG+6352	proteomics_log	3211861	3211890	+	1	3	K.QFDYLVNSMR.V	14
PLOG+6353	proteomics_log	3212056	3212085	+	1	21	K.LHDVSEEVHR.A	14
PLOG+6354	proteomics_log	3212086	3212160	+	1	19	R.ALQKLQQIEEETGLTIEQVKDINRR.M	29
PLOG+6355	proteomics_log	3212161	3212187	+	1	3	R.MSIGEAKAR.R	13
PLOG+6356	proteomics_log	3212188	3212223	+	1	2	R.RAKKEMVEANLR.L	16
PLOG+6357	proteomics_log	3212245	3212310	+	1	4	K.KYTNRGLQFLDLIQEGNIGLM*K.A	27
PLOG+6358	proteomics_log	3212260	3212310	+	1	4	R.GLQFLDLIQEGNIGLM*K.A	22
PLOG+6359	proteomics_log	3212260	3212310	+	1	83	R.GLQFLDLIQEGNIGLMK.A	21
PLOG+6360	proteomics_log	3212413	3212463	+	1	10	R.TIRIPVHM*IETINKLNR.I	22
PLOG+6361	proteomics_log	3212413	3212463	+	1	128	R.TIRIPVHM IETINKLNR.I	21
PLOG+6362	proteomics_log	3212422	3212463	+	1	2	R.IPVHM*IETINKLNR.I	19
PLOG+6363	proteomics_log	3212422	3212463	+	1	32	R.IPVHMIETINKLNR.I	18
PLOG+6364	proteomics_log	3212473	3212526	+	1	13	R.QMLQEMGREPTPEELAER.M	22
PLOG+6365	proteomics_log	3212527	3212553	+	1	16	R.MLMPEDKIR.K	13
PLOG+6366	proteomics_log	3212566	3212691	+	1	2	K.IAKEPISM*ETPIGDDEDSHLGDFIEDTTLELPLDSATTESLR.A	47
PLOG+6367	proteomics_log	3212566	3212691	+	1	10	K.IAKEPISMETPIGDDEDSHLGDFIEDTTLELPLDSATTESLR.A	46
PLOG+6368	proteomics_log	3212692	3212730	+	1	160	R.AATHDVLAGLTAR.E	17
PLOG+6369	proteomics_log	3212749	3212820	+	1	11	R.MRFGIDMNTDYTLEEVGKQFDVTR.E	28
PLOG+6370	proteomics_log	3212755	3212826	+	1	2	R.FGIDM*NTDYTLEEVGKQFDVTRER.I	29
PLOG+6371	proteomics_log	3212755	3212820	+	1	5	R.FGIDM*NTDYTLEEVGKQFDVTR.E	27
PLOG+6372	proteomics_log	3212755	3212826	+	1	42	R.FGIDMNTDYTLEEVGKQFDVTRER.I	28
PLOG+6373	proteomics_log	3212755	3212820	+	1	78	R.FGIDMNTDYTLEEVGKQFDVTR.E	26
PLOG+6374	proteomics_log	3215335	3215373	+	1	3	R.VNQSDISDAQIKK.I	17
PLOG+6375	proteomics_log	3215395	3215421	+	1	4	R.AAFDITQLD.-	13
PLOG+6376	proteomics_log	3220256	3220315	+	2	3	R.GLNIPQDISLISVNDIPTAR.F	24
PLOG+6377	proteomics_log	3227307	3227333	+	3	2	-.LCASPRRAR.H	13
PLOG+6378	proteomics_log	3235579	3235665	+	1	3	L.FLSHKINVICEKPLASNLAEVDAAIACAR.E	33
PLOG+6379	proteomics_log	3244695	3244733	+	3	4	R.RLYQQLAADLKER.I	17
PLOG+6380	proteomics_log	3244782	3244811	+	3	3	R.FIADEKNVSR.T	14
PLOG+6381	proteomics_log	3244977	3245063	+	3	2	R.QLIESNIAEFAATQVTKQDIM*KLM*AIQEQ.A	35
PLOG+6382	proteomics_log	3247210	3247242	+	1	2	K.IAKQKDEVAER.Q	15
PLOG+6383	proteomics_log	3247306	3247350	+	1	3	R.KLAEAEELKKLEAR.D	19
PLOG+6384	proteomics_log	3247306	3247356	+	1	4	R.KLAEAEELKKLEARDY.-	21
PLOG+6385	proteomics_log	3247400	3247489	+	2	4	M.SKEHTTEHLRAELKSLSDTLEEVLSSSGEK.S	34
PLOG+6386	proteomics_log	3247400	3247441	+	2	68	M.SKEHTTEHLRAELK.S	18
PLOG+6387	proteomics_log	3247400	3247429	+	2	82	M.SKEHTTEHLR.A	14
PLOG+6388	proteomics_log	3247430	3247489	+	2	2	R.AELKSLSDTLEEVLSSSGEK.S	24
PLOG+6389	proteomics_log	3247430	3247510	+	2	3	R.AELKSLSDTLEEVLSSSGEKSKEELSK.I	31
PLOG+6390	proteomics_log	3247430	3247516	+	2	23	R.AELKSLSDTLEEVLSSSGEKSKEELSKIR.S	33

PLOG+6391	proteomics_log	3247442	3247549	+	2	2	K.SLSDTLEEVLSSSGEEKSKEELSKIRSKAEQALKQSR.Y	40
PLOG+6392	proteomics_log	3247442	3247510	+	2	22	K.SLSDTLEEVLSSSGEEKSKEELSK.I	27
PLOG+6393	proteomics_log	3247442	3247489	+	2	97	K.SLSDTLEEVLSSSGEEK.S	20
PLOG+6394	proteomics_log	3247442	3247516	+	2	173	K.SLSDTLEEVLSSSGEEKSKEELSKIR.S	29
PLOG+6395	proteomics_log	3247490	3247510	+	2	2	K.SKEELSK.I	11
PLOG+6396	proteomics_log	3247490	3247516	+	2	8	K.SKEELSKIR.S	13
PLOG+6397	proteomics_log	3247511	3247540	+	2	2	K.IRSKAEQALK.Q	14
PLOG+6398	proteomics_log	3247511	3247549	+	2	16	K.IRSKAEQALKQSR.Y	17
PLOG+6399	proteomics_log	3247517	3247540	+	2	3	R.SKAEQALK.Q	12
PLOG+6400	proteomics_log	3247517	3247549	+	2	129	R.SKAEQALKQSR.Y	15
PLOG+6401	proteomics_log	3247523	3247549	+	2	57	K.AEQALKQSR.Y	13
PLOG+6402	proteomics_log	3247550	3247585	+	2	129	R.YRLGETGDIAIK.Q	16
PLOG+6403	proteomics_log	3247550	3247594	+	2	189	R.YRLGETGDIAIKQTR.V	19
PLOG+6404	proteomics_log	3247556	3247585	+	2	53	R.LGETGDIAIK.Q	14
PLOG+6405	proteomics_log	3247556	3247594	+	2	110	R.LGETGDIAIKQTR.V	17
PLOG+6406	proteomics_log	3247595	3247699	+	2	3	R.VAAARADEYVRENPWTVGVGIGAAIGVVLGVLLSRR.-	39
PLOG+6407	proteomics_log	3247595	3247627	+	2	3	R.VAAARADEYVR.E	15
PLOG+6408	proteomics_log	3247610	3247696	+	2	36	R.ADEYVRENPWTVGVGIGAAIGVVLGVLLSR.R	33
PLOG+6409	proteomics_log	3247610	3247699	+	2	53	R.ADEYVRENPWTVGVGIGAAIGVVLGVLLSRR.-	34
PLOG+6410	proteomics_log	3247628	3247696	+	2	15	R.ENPWTVGVGIGAAIGVVLGVLLSR.R	27
PLOG+6411	proteomics_log	3253140	3253202	+	3	31	K.NFGYEEMLSELEAIVADAETR.L	25
PLOG+6412	proteomics_log	3254270	3254290	+	2	2	F.QLLAREK.R	11
PLOG+6413	proteomics_log	3273600	3273653	+	3	2	V.THAATGNQSPGTLTAAGR.I	22
PLOG+6414	proteomics_log	3277788	3277817	+	3	24	K.VGPALTFALR.E	14
PLOG+6415	proteomics_log	3277788	3277817	+	3	24	K.VGPALTFALR.E	14
PLOG+6416	proteomics_log	3287382	3287420	+	3	7	T.LFTNYSFTGSDNR.Y	17
PLOG+6417	proteomics_log	3288981	3289061	+	3	2	R.LSVDTTQLPDNDLEQTTQFVVPNRGA.M	31
PLOG+6418	proteomics_log	3292196	3292243	+	2	96	K.IALLPLNGQAAVFGFR.T	20
PLOG+6419	proteomics_log	3292499	3292612	+	2	10	K.IYDTSSQPLSQILSQVQDQASIVVGPLLKNNVEELK.S	42
PLOG+6420	proteomics_log	3292727	3292774	+	2	4	R.HIRDQKGKQAPLVLIPR.S	20
PLOG+6421	proteomics_log	3292775	3292825	+	2	4	R.SSLGDRVANAFQAQEWQK.L	21
PLOG+6422	proteomics_log	3292793	3292825	+	2	2	R.VANAFQAQEWQK.L	15
PLOG+6423	proteomics_log	3292826	3292855	+	2	7	K.LGGTVLQQK.F	14
PLOG+6424	proteomics_log	3292880	3292936	+	2	10	R.AGVNGGSGIALTGSPITLR.A	23
PLOG+6425	proteomics_log	3292937	3293023	+	2	3	R.ATDSDGM*TTNNPTLQTTPTDDQFTNNGGR.V	34
PLOG+6426	proteomics_log	3293024	3293092	+	2	4	R.VDAVYIVATPGEIAFIKPMIAMR.N	27
PLOG+6427	proteomics_log	3293093	3293134	+	2	8	R.NGSQSGATLYASSR.S	18
PLOG+6428	proteomics_log	3293408	3293455	+	2	3	R.NLSWLQYQQGQVVPVS.-	20
PLOG+6429	proteomics_log	3294143	3294187	+	2	5	R.ALGHAGDVLLAISTR.G	19
PLOG+6430	proteomics_log	3294236	3294331	+	2	4	R.DMTIVALTYDGGELAGLLGPQDVEIRIPSHR.S	36
PLOG+6431	proteomics_log	3294548	3294589	+	2	13	R.SVGTQVDDGTLEVR.V	18
PLOG+6432	proteomics_log	3294590	3294637	+	2	6	R.VNSALSKDEQIKKEAR.I	20
PLOG+6433	proteomics_log	3294665	3294709	+	2	46	K.VLLVQSPNAELSAR.A	19
PLOG+6434	proteomics_log	3294710	3294766	+	2	2	R.AKQIAMGVDGANEVYNEIR.Q	23
PLOG+6435	proteomics_log	3294716	3294766	+	2	2	K.QIAMGVDGANEVYNEIR.Q	21
PLOG+6436	proteomics_log	3294830	3294859	+	2	31	R.SQLLTSDLVK.S	14

PLOG+6437	proteomics_log	3294860	3294934	+	2	2	K.SSNVKVTTENGEVFLMGLVTEREAK.A	29
PLOG+6438	proteomics_log	3297020	3297073	+	2	5	L.ITDEFEDSEFTSPADEFK.K	22
PLOG+6439	proteomics_log	3301473	3301538	+	3	2	M.TDKTIAFSLLDLAPIPEGSSAR.E	26
PLOG+6440	proteomics_log	3316662	3316697	+	3	91	M.TTILKHLVPVQR.I	16
PLOG+6441	proteomics_log	3316698	3316727	+	3	5	R.IGIAFSGGLD.T	14
PLOG+6442	proteomics_log	3316698	3316754	+	3	230	R.IGIAFSGGLDTSAALLWMR.Q	23
PLOG+6443	proteomics_log	3316755	3316835	+	3	2	R.QKGAVPYAYTANLQGPDEEDYDAIPRR.A	31
PLOG+6444	proteomics_log	3316755	3316832	+	3	134	R.QKGAVPYAYTANLQGPDEEDYDAIPR.R	30
PLOG+6445	proteomics_log	3316761	3316832	+	3	32	K.GAVPYAYTANLQGPDEEDYDAIPR.R	28
PLOG+6446	proteomics_log	3316833	3316865	+	3	193	R.RAMEYGAENAR.L	15
PLOG+6447	proteomics_log	3316836	3316865	+	3	3	R.AM*EYGAENAR.L	15
PLOG+6448	proteomics_log	3316836	3316865	+	3	35	R.AMEYGAENAR.L	14
PLOG+6449	proteomics_log	3316881	3316979	+	3	3	R.KQLVAEGIAAIQCGAFHNTTGGLTYFNTTPLGR.A	37
PLOG+6450	proteomics_log	3316980	3317057	+	3	4	R.AVTGTMLVAAMKEDGVNIWGDGTYK.G	30
PLOG+6451	proteomics_log	3316980	3317075	+	3	115	R.AVTGTMLVAAMKEDGVNIWGDGTYKGNLIER.F	36
PLOG+6452	proteomics_log	3317085	3317165	+	3	36	R.YGLLTNAELQIYKPWLDTDFIDELGGR.H	31
PLOG+6453	proteomics_log	3317226	3317273	+	3	2	K.AYSTDSNM*LGATHEAK.D	21
PLOG+6454	proteomics_log	3317226	3317303	+	3	39	K.AYSTDSNMLGATHEAKDLEYLNSSVK.I	30
PLOG+6455	proteomics_log	3317274	3317303	+	3	2	K.DLEYLNSSVK.I	14
PLOG+6456	proteomics_log	3317304	3317378	+	3	10	K.IVNPIMGVKFWDESVKIPAEVTVR.F	29
PLOG+6457	proteomics_log	3317331	3317414	+	3	2	K.FWDESVKIPAEVTVRFEQGHVVALNGK.T	32
PLOG+6458	proteomics_log	3317331	3317378	+	3	51	K.FWDESVKIPAEVTVR.F	20
PLOG+6459	proteomics_log	3317379	3317456	+	3	6	R.FEQGHVVALNGKTFSDDDVEMMLEANR.I	30
PLOG+6460	proteomics_log	3317379	3317414	+	3	19	R.FEQGHVVALNGK.T	16
PLOG+6461	proteomics_log	3317415	3317456	+	3	89	K.TFSDDVEMMLEANR.I	18
PLOG+6462	proteomics_log	3317457	3317504	+	3	9	R.IGGRHGLGM*SDQIENR.I	21
PLOG+6463	proteomics_log	3317457	3317504	+	3	23	R.IGGRHGLGMSDQIENR.I	20
PLOG+6464	proteomics_log	3317469	3317525	+	3	2	R.HGLGM*SDQIENRIIEAKSR.G	24
PLOG+6465	proteomics_log	3317469	3317504	+	3	21	R.HGLGM*SDQIENR.I	17
PLOG+6466	proteomics_log	3317469	3317504	+	3	172	R.HGLGMSDQIENR.I	16
PLOG+6467	proteomics_log	3317502	3317576	+	3	39	N.RIIEAKSRGIYEAPGMALLHIAYER.L	29
PLOG+6468	proteomics_log	3317505	3317576	+	3	12	R.IIEAKSRGIYEAPGMALLHIAYER.L	28
PLOG+6469	proteomics_log	3317520	3317576	+	3	4	K.SRGIYEAPGM*ALLHIAYER.L	24
PLOG+6470	proteomics_log	3317520	3317576	+	3	191	K.SRGIYEAPGMALLHIAYER.L	23
PLOG+6471	proteomics_log	3317526	3317576	+	3	230	R.GIYEAPGMALLHIAYER.L	21
PLOG+6472	proteomics_log	3317541	3317576	+	3	6	A.PGMALLHIAYER.L	16
PLOG+6473	proteomics_log	3317577	3317645	+	3	5	R.LLTGIHNEDTIEQYHAHGRQLGR.L	27
PLOG+6474	proteomics_log	3317577	3317633	+	3	134	R.LLTGIHNEDTIEQYHAHGR.Q	23
PLOG+6475	proteomics_log	3317664	3317693	+	3	2	R.WFDSQALM*LR.D	15
PLOG+6476	proteomics_log	3317664	3317693	+	3	44	R.WFDSQALMLR.D	14
PLOG+6477	proteomics_log	3317727	3317816	+	3	2	I.TGEVTLELRGNDYSILNTVSENLYTKPER.L	34
PLOG+6478	proteomics_log	3317754	3317882	+	3	2	R.RGNDYSILNTVSENLYTKPERLTM*EKGDSVFPDDRIGQLTM*R.N	49
PLOG+6479	proteomics_log	3317754	3317816	+	3	67	R.RGNDYSILNTVSENLYTKPER.L	25
PLOG+6480	proteomics_log	3317757	3317816	+	3	8	R.GNDYSILNTVSENLYTKPER.L	24
PLOG+6481	proteomics_log	3317817	3317861	+	3	2	R.LTM*EKGDSVFPDDR.I	20
PLOG+6482	proteomics_log	3317817	3317861	+	3	10	R.LTMEKGDVFPDDR.I	19

PLOG+6483	proteomics_log	3317817	3317882	+	3	38	R.LTMEKGDSVSPDDRIGQLTMR.N	26
PLOG+6484	proteomics_log	3317883	3317999	+	3	13	R.NLDITDTREKLFYAKTGLLSSSAASGVPQVENLENKGQ.-	43
PLOG+6485	proteomics_log	3317883	3317906	+	3	36	R.NLDITDTR.E	12
PLOG+6486	proteomics_log	3317883	3317912	+	3	77	R.NLDITDTREK.L	14
PLOG+6487	proteomics_log	3317883	3317930	+	3	100	R.NLDITDTREKLFYAK.T	20
PLOG+6488	proteomics_log	3317907	3317930	+	3	3	R.EKLFYAK.T	12
PLOG+6489	proteomics_log	3317913	3317999	+	3	4	K.LFGYAKTGLLSSSAASGVPQVENLENKGQ.-	33
PLOG+6490	proteomics_log	3317931	3317993	+	3	36	K.TGLLSSSAASGVPQVENLENK.G	25
PLOG+6491	proteomics_log	3317931	3317999	+	3	424	K.TGLLSSSAASGVPQVENLENKGQ.-	27
PLOG+6492	proteomics_log	3325812	3325847	+	3	12	T.MNLSTKQKQHLK.G	16
PLOG+6493	proteomics_log	3325848	3325961	+	3	3	K.GLAHPLKPVVLLGSNGLTEGVLAEIEQALEHHELIKVK.I	42
PLOG+6494	proteomics_log	3325848	3325955	+	3	37	K.GLAHPLKPVVLLGSNGLTEGVLAEIEQALEHHELIK.V	40
PLOG+6495	proteomics_log	3325956	3325988	+	3	2	K.VKIATEDRETK.T	15
PLOG+6496	proteomics_log	3325962	3325988	+	3	4	K.IATEDRETK.T	13
PLOG+6497	proteomics_log	3325989	3326015	+	3	2	K.TLIVEAIVR.E	13
PLOG+6498	proteomics_log	3326052	3326084	+	3	4	K.TLVLYRPTKER.K	15
PLOG+6499	proteomics_log	3328742	3328834	+	2	2	W.LFRFFSLHDRVFNKGGHHPAEIFHAQSTRR.R	35
PLOG+6500	proteomics_log	3331732	3331869	+	1	5	A.MNLEKINELTAQDMAGVNAAILQLNSDVQLINQLGYIVSGGGKR.I	50
PLOG+6501	proteomics_log	3331747	3331869	+	1	3	K.INELTAQDM*AGVNAAILQLNSDVQLINQLGYIVSGGGKR.I	46
PLOG+6502	proteomics_log	3331747	3331866	+	1	8	K.INELTAQDMAGVNAAILQLNSDVQLINQLGYIVSGGGK.R	44
PLOG+6503	proteomics_log	3331747	3331869	+	1	38	K.INELTAQDMAGVNAAILQLNSDVQLINQLGYIVSGGGKR.I	45
PLOG+6504	proteomics_log	3331903	3332010	+	1	5	R.AVGYEGNAHVITIAALIEFIHTATLLHDDVVDESMDMR.R	40
PLOG+6505	proteomics_log	3332020	3332085	+	1	3	K.ATANAAFGNAASVLVGDIFYTR.A	26
PLOG+6506	proteomics_log	3332335	3332406	+	1	17	R.YLGTAFQLIDDLLDYNADGEQLGK.N	28
PLOG+6507	proteomics_log	3332500	3332526	+	1	8	R.TAIEQGNGR.H	13
PLOG+6508	proteomics_log	3332587	3332694	+	1	2	R.QRAEEEDKAI AALQVLPDTPWREALIGLAHIAVQR.D	40
PLOG+6509	proteomics_log	3332656	3332694	+	1	6	R.EALIGLAHIAVQR.D	17
PLOG+6510	proteomics_log	3337575	3337622	+	3	2	K.RFIKHDEIRLQRNRTR.Q	20
PLOG+6511	proteomics_log	3339834	3339887	+	3	5	R.GFTAEDFALSHPGGALGR.K	22
PLOG+6512	proteomics_log	3340137	3340187	+	3	17	R.VRPGILAVEALNLMQSR.H	21
PLOG+6513	proteomics_log	3340188	3340259	+	3	73	R.HITSVMVADGDHLLGVLHMHDLR.A	28
PLOG+6514	proteomics_log	3340601	3340630	+	2	2	K.LIAFSDLLEK.L	14
PLOG+6515	proteomics_log	3340631	3340699	+	2	9	K.LAIAPENVAYVGDLDLIDWPVMEK.V	27
PLOG+6516	proteomics_log	3340700	3340750	+	2	23	K.VGLSVAVADAHPLLIPIR.A	21
PLOG+6517	proteomics_log	3340784	3340858	+	2	3	R.GAVREVCDLLLQAQGLDEAKGQSI.-	29
PLOG+6518	proteomics_log	3341414	3341506	+	2	2	K.TNKLSLNLVLASSLLAASIPAFVTDGTDQP.I	35
PLOG+6519	proteomics_log	3341849	3341875	+	2	2	K.M*QAFSDKGK.R	14
PLOG+6520	proteomics_log	3341849	3341875	+	2	13	K.MQAFSDKGK.R	13
PLOG+6521	proteomics_log	3341876	3341947	+	2	12	K.RVTTVLVPSQLQDKNNKGQTPAQK.K	28
PLOG+6522	proteomics_log	3342131	3342184	+	2	4	R.DAGNIIIDDDDISLLPLH.A	22
PLOG+6523	proteomics_log	3342131	3342190	+	2	79	R.DAGNIIIDDDDISLLPLHAR.A	24
PLOG+6524	proteomics_log	3342197	3342241	+	2	2	R.RGIGYLPQEASIFRR.L	19
PLOG+6525	proteomics_log	3342200	3342238	+	2	2	R.GIGYLPQEASIFR.R	17
PLOG+6526	proteomics_log	3342359	3342394	+	2	2	R.DSMGQSLSGGER.R	16
PLOG+6527	proteomics_log	3342359	3342394	+	2	2	R.DSM*GQSLSGGER.R	17
PLOG+6528	proteomics_log	3342416	3342496	+	2	2	R.ALAANPKFILLDEPFAGVDPISVIDIK.R	31

PLOG+6529	proteomics_log	3342416	3342499	+	2	14	R.ALAANPKFILLDEPFAGVDPISVIDIKR.I	32
PLOG+6530	proteomics_log	3342437	3342496	+	2	42	K.FILLDEPFAGVDPISVIDIKR.R	24
PLOG+6531	proteomics_log	3342437	3342499	+	2	80	K.FILLDEPFAGVDPISVIDIKR.I	25
PLOG+6532	proteomics_log	3342500	3342559	+	2	2	R.IIEHLRDSGLGVLITDHNVR.E	24
PLOG+6533	proteomics_log	3342584	3342661	+	2	10	R.AYIVSQGHILAHGTPTEILQDEHVKR.V	30
PLOG+6534	proteomics_log	3342662	3342688	+	2	14	R.VYLGEDFRL.-	13
PLOG+6535	proteomics_log	3342763	3342810	+	1	3	R.LSQQLAMTPQLQQAIR.L	20
PLOG+6536	proteomics_log	3342811	3342915	+	1	9	R.LLQLSTLELQQELQQALESNPLLEQIDTHEEIDTR.E	39
PLOG+6537	proteomics_log	3342916	3342966	+	1	2	R.ETQDSETLDTADALEQK.E	21
PLOG+6538	proteomics_log	3344195	3344263	+	2	2	T.MQLNITGNNVEITEALREFVTAK.F	27
PLOG+6539	proteomics_log	3344603	3344647	+	2	7	M.TNNDTTLQLSSVLNR.E	19
PLOG+6540	proteomics_log	3344690	3344722	+	2	30	R.ALEIISELAAK.Q	15
PLOG+6541	proteomics_log	3344723	3344770	+	2	40	K.QLSLPPQVVFEAILTR.E	20
PLOG+6542	proteomics_log	3344846	3344953	+	2	13	R.AVGVFVQLETPIAFDAIDNQVDLLFALLVPADQTK.T	40
PLOG+6543	proteomics_log	3344954	3344986	+	2	2	K.THLHTLSLVAK.R	15
PLOG+6544	proteomics_log	3345014	3345088	+	2	2	R.RLRAAQSDSEELYQIITDTEGTPDEA.-	29
PLOG+6545	proteomics_log	3345023	3345088	+	2	10	R.AAQSDSEELYQIITDTEGTPDEA.-	26
PLOG+6546	proteomics_log	3345311	3345418	+	2	2	R.NM*PESPEIFEQAMSNLPDAFSPQLLFLDADRNTLIR.R	41
PLOG+6547	proteomics_log	3345311	3345418	+	2	14	R.NMPESPEIFEQAMSNLPDAFSPQLLFLDADRNTLIR.R	40
PLOG+6548	proteomics_log	3345461	3345517	+	2	2	K.NLSLESAIDKESDLLEPLR.S	23
PLOG+6549	proteomics_log	3345461	3345523	+	2	2	K.NLSLESAIDKESDLLEPLRSR.A	25
PLOG+6550	proteomics_log	3345518	3345583	+	2	3	R.SRADLIVDTSEMSVHELAEMLR.T	26
PLOG+6551	proteomics_log	3345524	3345583	+	2	19	R.ADLIVDTSEMSVHELAEMLR.T	24
PLOG+6552	proteomics_log	3346171	3346257	+	1	2	R.QIEVEATGPQEEEEALAAVIALFNSGFDED.-	33
PLOG+6553	proteomics_log	3352837	3352860	+	1	10	R.TAIHALAR.M	12
PLOG+6554	proteomics_log	3352873	3352947	+	1	3	R.GAILADGKTGDGCGLLLQKPDRFFR.I	29
PLOG+6555	proteomics_log	3352984	3353043	+	1	26	K.NYAVGMLFLNKPELAAAAR.R	24
PLOG+6556	proteomics_log	3353098	3353154	+	1	7	R.DVPTNEGVLGEIALSSLPR.I	23
PLOG+6557	proteomics_log	3353338	3353364	+	1	4	R.FYLDLADLR.L	13
PLOG+6558	proteomics_log	3353509	3353643	+	1	7	R.TYKFQTPPLPDLDHDAAPFVNETGSDSSSSMDNMLELLLAGGMDIIR.A	49
PLOG+6559	proteomics_log	3353518	3353643	+	1	30	K.FQTPLIPDLHDAAPFVNETGSDSSSSMDNMLELLLAGGMDIIR.A	46
PLOG+6560	proteomics_log	3353653	3353706	+	1	15	R.LLVPPAWQNNPMDPELR.A	22
PLOG+6561	proteomics_log	3353707	3353781	+	1	31	R.AFFDFNSMHMEPWGDPAGIVMSDGR.F	29
PLOG+6562	proteomics_log	3353872	3353961	+	1	2	V.GIWQYQPEVVEKGRVGPGLM*VIDTRSGR.I	35
PLOG+6563	proteomics_log	3353917	3353952	+	1	2	R.VGPGELM*VIDTR.S	17
PLOG+6564	proteomics_log	3353917	3353952	+	1	31	R.VGPGELMVIDTR.S	16
PLOG+6565	proteomics_log	3353962	3354003	+	1	3	R.ILHSAETDDDLKSR.H	18
PLOG+6566	proteomics_log	3354040	3354087	+	1	4	R.RLVPFEDLPDEEVGSR.E	20
PLOG+6567	proteomics_log	3354088	3354123	+	1	5	R.ELDDDTLASYQK.Q	16
PLOG+6568	proteomics_log	3354124	3354165	+	1	21	K.QFNYSAEELDSVIR.V	18
PLOG+6569	proteomics_log	3354166	3354246	+	1	21	R.VLGENGQEAVGSMGDDTPFAVLSSQPR.I	31
PLOG+6570	proteomics_log	3354268	3354351	+	1	10	R.QQFAQVTNPPIDPLREAHVMSLATSIGR.E	32
PLOG+6571	proteomics_log	3354562	3354657	+	1	4	R.SGTVLLVLSDRNIAKDRLPVPAPMAVGAIQTR.L	36
PLOG+6572	proteomics_log	3354562	3354594	+	1	4	R.SGTVLLVLSDR.N	15
PLOG+6573	proteomics_log	3354694	3354798	+	1	2	I.IVETASARDPHHFVLLGFGATAIYPYLAYETLGR.L	39
PLOG+6574	proteomics_log	3355000	3355056	+	1	4	R.IGGASFEDFQQDLLNLSKR.A	23

PLOG+6575	proteomics_log	3355000	3355053	+	1	49	R.IGGASFEDFQQDLLNLSK.R	22
PLOG+6576	proteomics_log	3355072	3355149	+	1	2	R.KPISQGGLLKYVHGGEYHAYNPDVVR.T	30
PLOG+6577	proteomics_log	3355102	3355149	+	1	8	K.YVHGGEYHAYNPDVVR.T	20
PLOG+6578	proteomics_log	3355150	3355206	+	1	8	R.TLQQAVQSGEYSQYQYAK.L	23
PLOG+6579	proteomics_log	3355207	3355317	+	1	2	K.LVNERPATTLRDLLAITPGENAVNIADVEPASELFKR.F	41
PLOG+6580	proteomics_log	3355207	3355314	+	1	3	K.LVNERPATTLRDLLAITPGENAVNIADVEPASELFK.R	40
PLOG+6581	proteomics_log	3355240	3355314	+	1	8	R.DLLAITPGENAVNIADVEPASELFK.R	29
PLOG+6582	proteomics_log	3355441	3355464	+	1	86	R.YGTNKVSR.I	12
PLOG+6583	proteomics_log	3355465	3355488	+	1	2	R.IKQVASGR.F	12
PLOG+6584	proteomics_log	3355465	3355539	+	1	6	R.IKQVASGRFGVTPAYLVNADVIQIK.V	29
PLOG+6585	proteomics_log	3355489	3355539	+	1	94	R.FGVTPAYLVNADVIQIK.V	21
PLOG+6586	proteomics_log	3355540	3355611	+	1	11	K.VAQGAKPGEGGQLPGDKVTPYIAK.L	28
PLOG+6587	proteomics_log	3355618	3355710	+	1	41	R.YSVPGVTLISPPPHHDYISIEDLAQLIFDLK.Q	35
PLOG+6588	proteomics_log	3355744	3355863	+	1	6	K.LVSEPGVGTIATGVAKAYADLITIAGYDGGTGASPLSSVK.Y	44
PLOG+6589	proteomics_log	3355744	3355791	+	1	11	K.LVSEPGVGTIATGVAK.A	20
PLOG+6590	proteomics_log	3356221	3356280	+	1	25	R.LVDLIGRTDLLKELDGFTAK.Q	24
PLOG+6591	proteomics_log	3356965	3357030	+	1	2	R.VNPELVEVLSVDALAIHEEHLR.G	26
PLOG+6592	proteomics_log	3357031	3357072	+	1	5	R.GLITEHVQHTGSQR.G	18
PLOG+6593	proteomics_log	3357031	3357114	+	1	31	R.GLITEHVQHTGSQRGEEILANWSTFATK.F	32
PLOG+6594	proteomics_log	3357073	3357114	+	1	2	R.GEEILANWSTFATK.F	18
PLOG+6595	proteomics_log	3357115	3357168	+	1	2	K.FALVKPKSSDVKALLGHR.S	22
PLOG+6596	proteomics_log	3357136	3357168	+	1	4	K.SSDVKALLGHR.S	15
PLOG+6597	proteomics_log	3357169	3357204	+	1	2	R.SRSAELRVQAQ.-	16
PLOG+6598	proteomics_log	3357175	3357204	+	1	16	R.SAAELRVQAQ.-	14
PLOG+6599	proteomics_log	3357223	3357291	+	1	74	M.SQNVYQFIDLQRVDPKPKPLKIR.K	27
PLOG+6600	proteomics_log	3357223	3357258	+	1	175	M.SQNVYQFIDLQR.V	16
PLOG+6601	proteomics_log	3357292	3357357	+	1	13	R.KIEFVEIYEPFSEGQAKAQR.C	26
PLOG+6602	proteomics_log	3357292	3357342	+	1	262	R.KIEFVEIYEPFSEGQAK.A	21
PLOG+6603	proteomics_log	3357295	3357342	+	1	49	K.IEFVEIYEPFSEGQAK.A	20
PLOG+6604	proteomics_log	3357448	3357507	+	1	4	R.IFEAAELSHQTNTLPEVCGR.V	24
PLOG+6605	proteomics_log	3357592	3357648	+	1	3	R.YINDKAFEMGWRPDMMSGVK.Q	23
PLOG+6606	proteomics_log	3357592	3357663	+	1	3	R.YINDKAFEM*GWRPDM*SGVKQTGKK.V	30
PLOG+6607	proteomics_log	3357637	3357720	+	1	2	M.SGVKQTGKKVAIIGAGPAGLACADVLTR.N	32
PLOG+6608	proteomics_log	3357661	3357720	+	1	8	K.KVAIIGAGPAGLACADVLTR.N	24
PLOG+6609	proteomics_log	3357664	3357720	+	1	13	R.VAIIGAGPAGLACADVLTR.N	23
PLOG+6610	proteomics_log	3357664	3357720	+	1	13	R.VAIIGAGPAGLACADVLTR.N	23
PLOG+6611	proteomics_log	3357721	3357807	+	1	8	R.NGVKAVVFDRHPEIGLLTFGIPAFKLEK.E	33
PLOG+6612	proteomics_log	3357733	3357822	+	1	3	K.AVVFDRHPEIGLLTFGIPAFKLEKEVM*TR.R	35
PLOG+6613	proteomics_log	3357733	3357798	+	1	47	K.AVVFDRHPEIGLLTFGIPAFK.L	26
PLOG+6614	proteomics_log	3357733	3357807	+	1	118	K.AVVFDRHPEIGLLTFGIPAFKLEK.E	29
PLOG+6615	proteomics_log	3357733	3357822	+	1	174	K.AVVFDRHPEIGLLTFGIPAFKLEKEVMTR.R	34
PLOG+6616	proteomics_log	3357757	3357807	+	1	3	P.EIGLLTFGIPAFKLEK.E	21
PLOG+6617	proteomics_log	3357829	3357861	+	1	5	R.EIFTGMGIEFK.L	15
PLOG+6618	proteomics_log	3357862	3357957	+	1	2	K.LNTEVGRDVQLDDLLSDYDAVFLGVGTYQSM*R.G	37
PLOG+6619	proteomics_log	3357862	3357957	+	1	20	K.LNTEVGRDVQLDDLLSDYDAVFLGVGTYQSMR.G	36
PLOG+6620	proteomics_log	3357883	3357957	+	1	2	R.DVQLDDLLSDYDAVFLGVGTYQSMR.G	29



PLOG+6621	proteomics_log	3357883	3357957	+	1	2	R.DVQLDDLLSDYDAVFLGVGTYSQSM*R.G	30
PLOG+6622	proteomics_log	3357958	3358053	+	1	2	R.GGLENEDADGVYAALPFLIANTKQLMGFGETR.D	36
PLOG+6623	proteomics_log	3357958	3358026	+	1	102	R.GGLENEDADGVYAALPFLIANTK.Q	27
PLOG+6624	proteomics_log	3358054	3358083	+	1	3	R.DEPFVSM*EGK.R	15
PLOG+6625	proteomics_log	3358054	3358083	+	1	3	R.DEPFVSM*EGK.R	14
PLOG+6626	proteomics_log	3358087	3358131	+	1	3	N.VVVLGGGDTAMDCVR.T	19
PLOG+6627	proteomics_log	3358087	3358131	+	1	3	N.VVVLGGGDTAMDCVR.T	19
PLOG+6628	proteomics_log	3358177	3358206	+	1	24	R.RDEENMPGSR.R	14
PLOG+6629	proteomics_log	3358318	3358353	+	1	6	R.TEMGEPDAKGR.R	16
PLOG+6630	proteomics_log	3358318	3358350	+	1	88	R.TEMGEPDAKGR.R	15
PLOG+6631	proteomics_log	3358351	3358452	+	1	2	R.RRAEIVAGSEHIVPADAVIM*AFGFRPHNM*EWLAK.H	40
PLOG+6632	proteomics_log	3358354	3358452	+	1	2	R.RAEIVAGSEHIVPADAVIM*AFGFRPHNM*EWLAK.H	39
PLOG+6633	proteomics_log	3358354	3358452	+	1	5	R.RAEIVAGSEHIVPADAVIMAFGFRPHNM*EWLAK.H	38
PLOG+6634	proteomics_log	3358354	3358452	+	1	47	R.RAEIVAGSEHIVPADAVIMAFGFRPHNMEWLAK.H	37
PLOG+6635	proteomics_log	3358357	3358452	+	1	31	R.AEIVAGSEHIVPADAVIMAFGFRPHNMEWLAK.H	36
PLOG+6636	proteomics_log	3358453	3358533	+	1	9	K.HSVELDSQGR.IAPEGSDNAFQTSNPK.I	31
PLOG+6637	proteomics_log	3358453	3358482	+	1	72	K.HSVELDSQGR.I	14
PLOG+6638	proteomics_log	3358483	3358560	+	1	6	R.IIAPEGSDNAFQTSNPKIFAGGDIVR.G	30
PLOG+6639	proteomics_log	3358483	3358533	+	1	194	R.IIAPEGSDNAFQTSNPK.I	21
PLOG+6640	proteomics_log	3358534	3358635	+	1	3	K.IFAGGDIVRGSIDLVTIAEGRKAADGIMNWLEV.-	38
PLOG+6641	proteomics_log	3358534	3358560	+	1	17	K.IFAGGDIVR.G	13
PLOG+6642	proteomics_log	3358534	3358602	+	1	48	K.IFAGGDIVRGSIDLVTIAEGRK.A	27
PLOG+6643	proteomics_log	3358534	3358599	+	1	83	K.IFAGGDIVRGSIDLVTIAEGR.K	26
PLOG+6644	proteomics_log	3358561	3358635	+	1	2	R.GSDLVVTIAEGRKAADGIMNWLEV.-	29
PLOG+6645	proteomics_log	3358561	3358602	+	1	20	R.GSDLVVTIAEGRK.A	18
PLOG+6646	proteomics_log	3358561	3358599	+	1	131	R.GSDLVVTIAEGR.K	17
PLOG+6647	proteomics_log	3358600	3358635	+	1	2	R.KAADGIM*NWLEV.-	17
PLOG+6648	proteomics_log	3358600	3358635	+	1	175	R.KAADGIMNWLEV.-	16
PLOG+6649	proteomics_log	3358603	3358635	+	1	17	K.AADGIMNWLEV.-	15
PLOG+6650	proteomics_log	3365218	3365307	+	1	3	R.MDSMTTGKDSGGQSGVKYTLNGGGYISQTT.R	34
PLOG+6651	proteomics_log	3367302	3367328	+	3	2	I.ARAIPLFSR.R	13
PLOG+6652	proteomics_log	3370156	3370212	+	1	2	K.TTGFVTQMFWPAFNDIGGA.G	23
PLOG+6653	proteomics_log	3378387	3378425	+	3	2	R.SAELLDTM*AHDYR.Q	18
PLOG+6654	proteomics_log	3378387	3378425	+	3	34	R.SAELLDTM*AHDYR.Q	17
PLOG+6655	proteomics_log	3378387	3378449	+	3	44	R.SAELLDTM*AHDYRQLYQHMAK.S	25
PLOG+6656	proteomics_log	3378450	3378506	+	3	4	K.SSSLLPELSAEANPFRNR.L	23
PLOG+6657	proteomics_log	3378450	3378500	+	3	95	K.SSSLLPELSAEANPFR.N	21
PLOG+6658	proteomics_log	3378507	3378590	+	3	2	R.LAESEASNDQAPVQMPRDYSEGASGLLR.T	32
PLOG+6659	proteomics_log	3378507	3378557	+	3	5	R.LAESEASNDQAPVQM*PR.D	22
PLOG+6660	proteomics_log	3378507	3378557	+	3	34	R.LAESEASNDQAPVQMPR.D	21
PLOG+6661	proteomics_log	3378558	3378590	+	3	41	R.DYSEGASGLLR.T	15
PLOG+6662	proteomics_log	3378846	3378908	+	3	6	A.SIPGQVADQAPLPSLAPM*LEK.V	26
PLOG+6663	proteomics_log	3378846	3378908	+	3	10	A.SIPGQVADQAPLPSLAPMLEK.V	25
PLOG+6664	proteomics_log	3378936	3378986	+	3	2	R.VEGTASQGGKIQEPEFKK.F	21
PLOG+6665	proteomics_log	3378987	3379067	+	3	42	K.FFGDDLDPDQAPQPFEGLSGVIINASK.G	31
PLOG+6666	proteomics_log	3379068	3379112	+	3	3	K.GYVLTNNHVINQAQK.I	19

PLOG+6667	proteomics_log	3379155	3379214	+	3	2	K.LIGSDDQSDIALLQIQNPSK.L	24
PLOG+6668	proteomics_log	3379155	3379253	+	3	7	K.LIGSDDQSDIALLQIQNPSKLTQIAIADSDKLR.V	37
PLOG+6669	proteomics_log	3379254	3379337	+	3	60	R.VGDFAVAVGNPFGLGQTATSGIVSALGR.S	32
PLOG+6670	proteomics_log	3379338	3379397	+	3	4	R.SGLNLEGLENFIQTDASINR.G	24
PLOG+6671	proteomics_log	3379521	3379559	+	3	2	R.TLAQQQLIDFGEIK.R	17
PLOG+6672	proteomics_log	3379521	3379562	+	3	58	R.TLAQQQLIDFGEIKR.G	18
PLOG+6673	proteomics_log	3379563	3379610	+	3	2	R.GLLGIKGTMSADIKA.A	20
PLOG+6674	proteomics_log	3379611	3379634	+	3	8	K.AFNLDVQR.G	12
PLOG+6675	proteomics_log	3379635	3379679	+	3	5	R.GAFVSEVLPGSGSAK.A	19
PLOG+6676	proteomics_log	3379680	3379751	+	3	2	K.AGVKAGDIITSLNGKPLNSFAELR.S	28
PLOG+6677	proteomics_log	3379692	3379751	+	3	3	K.AGDIITSLNGKPLNSFAELR.S	24
PLOG+6678	proteomics_log	3379758	3379790	+	3	2	R.IATTEPGTKVK.L	15
PLOG+6679	proteomics_log	3380660	3380755	+	2	8	R.RVPHIGDVVLAIGNPYNLGGTITQGIISATGR.I	36
PLOG+6680	proteomics_log	3380663	3380755	+	2	10	R.VPHIGDVVLAIGNPYNLGGTITQGIISATGR.I	35
PLOG+6681	proteomics_log	3382731	3382769	+	3	2	R.SSAKQEELVKAFK.A	17
PLOG+6682	proteomics_log	3382731	3382760	+	3	3	R.SSAKQEELVK.A	14
PLOG+6683	proteomics_log	3383151	3383192	+	3	8	K.DLYEAILELFDQEL.-	18
PLOG+6684	proteomics_log	3383626	3383661	+	1	3	A.ADSIDAAQAQNR.E	16
PLOG+6685	proteomics_log	3386361	3386414	+	3	2	R.TGTRCARRTHSRLESIVA.I	22
PLOG+6686	proteomics_log	3388238	3388318	+	2	3	A.GAGIAYVPLMWVINEINRGELEILLPR.Y	31
PLOG+6687	proteomics_log	3388830	3388886	+	3	7	-.SGENEFAGGDIHLTATKVR.C	23
PLOG+6688	proteomics_log	3390543	3390569	+	3	2	R.TRNVIQNG.D	13
PLOG+6689	proteomics_log	3393465	3393533	+	3	7	L.AQPAGTALFQPDVVTAGYIAFVDR.H	27
PLOG+6690	proteomics_log	3400740	3400763	+	3	5	N.FTKQRIQR.T	12
PLOG+6691	proteomics_log	3401662	3401715	+	1	2	K.IIRNFPMIPGIDFAGTVR.T	22
PLOG+6692	proteomics_log	3401671	3401715	+	1	7	R.NFPMIPGIDFAGTVR.T	19
PLOG+6693	proteomics_log	3401734	3401814	+	1	5	R.FHAGQEVLLTGWVGENHWGGLAEQAR.V	31
PLOG+6694	proteomics_log	3401815	3401862	+	1	4	R.VKGDWLVAMPQGLDAR.K	20
PLOG+6695	proteomics_log	3402100	3402132	+	1	2	R.DEFAESRPLEK.Q	15
PLOG+6696	proteomics_log	3402133	3402183	+	1	13	K.QVWAGAIIDTVGDKVLAK.V	21
PLOG+6697	proteomics_log	3402349	3402393	+	1	16	R.LVADLPESFYTQAAK.E	19
PLOG+6698	proteomics_log	3402349	3402459	+	1	95	R.LVADLPESFYTQAAKEISLSEAPNFAEAIINNQIQGR.T	41
PLOG+6699	proteomics_log	3402394	3402459	+	1	92	K.EISLSEAPNFAEAIINNQIQGR.T	26
PLOG+6700	proteomics_log	3403473	3403559	+	3	7	K.IKKLIELVEESGISELEISEGEEESVRISR.A	33
PLOG+6701	proteomics_log	3403479	3403550	+	3	31	K.KLIELVEESGISELEISEGEEESVR.I	28
PLOG+6702	proteomics_log	3403479	3403559	+	3	71	K.KLIELVEESGISELEISEGEEESVRISR.A	31
PLOG+6703	proteomics_log	3403710	3403757	+	3	4	R.SPMVGTFFYRTPSPDAK.A	20
PLOG+6704	proteomics_log	3403710	3403736	+	3	37	R.SPMVGTFFYR.T	13
PLOG+6705	proteomics_log	3403824	3403865	+	3	2	K.M*M*NQIEADKSGTVK.A	20
PLOG+6706	proteomics_log	3403866	3403925	+	3	164	K.AILVESGQPVEFDEPLVVIE.-	24
PLOG+6707	proteomics_log	3403939	3403968	+	1	3	N.MLDKIVIANR.G	14
PLOG+6708	proteomics_log	3404020	3404049	+	1	14	K.TVAVHSSADR.D	14
PLOG+6709	proteomics_log	3404020	3404058	+	1	19	K.TVAVHSSADRDLK.H	17
PLOG+6710	proteomics_log	3404113	3404229	+	1	12	K.SYLNIPAIISAAEITGAVAIHPGYGLSENANFAEQVER.S	43
PLOG+6711	proteomics_log	3404230	3404256	+	1	38	R.SGFIFIGPK.A	13
PLOG+6712	proteomics_log	3404272	3404313	+	1	2	R.LM*GDKVSAIAAM*KK.A	20

PLOG+6713	proteomics_log	3404272	3404313	+	1	2	R.LM*GDKVSAIAAMKK.A	19
PLOG+6714	proteomics_log	3404272	3404310	+	1	53	R.LMGDKVSAIAAMK.K	17
PLOG+6715	proteomics_log	3404272	3404313	+	1	124	R.LMGDKVSAIAAMKK.A	18
PLOG+6716	proteomics_log	3404449	3404496	+	1	5	R.VVRGDAELAQSISMTR.A	20
PLOG+6717	proteomics_log	3404509	3404544	+	1	37	K.AAFSNDMVYMEK.Y	16
PLOG+6718	proteomics_log	3404545	3404622	+	1	36	K.YLENPRHVEIQVLADGQGNAIYLAER.D	30
PLOG+6719	proteomics_log	3404644	3404697	+	1	4	R.HQKVVEEAPAPGITPELR.R	22
PLOG+6720	proteomics_log	3404644	3404700	+	1	40	R.HQKVVEEAPAPGITPELRR.Y	23
PLOG+6721	proteomics_log	3404653	3404697	+	1	11	K.VVEEAPAPGITPELR.R	19
PLOG+6722	proteomics_log	3404815	3404880	+	1	90	R.IQVEHPVTEMITGVDLIKEQLR.I	26
PLOG+6723	proteomics_log	3404881	3404931	+	1	3	R.IAAGQPLSIKQEEVHVR.G	21
PLOG+6724	proteomics_log	3404953	3405006	+	1	5	R.INAEDPNTFLPSPGKITR.F	22
PLOG+6725	proteomics_log	3405142	3405207	+	1	2	R.M*KNALQELIIDGIKTNVDLQIR.I	27
PLOG+6726	proteomics_log	3405142	3405183	+	1	17	R.MKNALQELIIDGIK.T	18
PLOG+6727	proteomics_log	3405142	3405207	+	1	179	R.MKNALQELIIDGIKTNVDLQIR.I	26
PLOG+6728	proteomics_log	3405148	3405207	+	1	3	K.NALQELIIDGIKTNVDLQIR.I	24
PLOG+6729	proteomics_log	3405148	3405183	+	1	3	K.NALQELIIDGIK.T	16
PLOG+6730	proteomics_log	3405184	3405207	+	1	2	K.TNVDLQIR.I	12
PLOG+6731	proteomics_log	3405208	3405264	+	1	3	R.IM*NDENFQHGGTNIHYLEK.K	24
PLOG+6732	proteomics_log	3405208	3405285	+	1	4	R.IM*NDENFQHGGTNIHYLEKGLQEK.-	31
PLOG+6733	proteomics_log	3405208	3405267	+	1	4	R.IMNDENFQHGGTNIHYLEKK.L	24
PLOG+6734	proteomics_log	3405208	3405267	+	1	4	R.IM*NDENFQHGGTNIHYLEKK.L	25
PLOG+6735	proteomics_log	3405208	3405264	+	1	19	R.IMNDENFQHGGTNIHYLEK.K	23
PLOG+6736	proteomics_log	3405265	3405285	+	1	2	K.KLGLQEK.-	11
PLOG+6737	proteomics_log	3407239	3407349	+	1	3	R.LWGD TDVIGLFD AETDMNDVVAILENHPLL GAGFAHK.I	41
PLOG+6738	proteomics_log	3407641	3407685	+	1	2	K.AIGIDIDPQAIQASR.D	19
PLOG+6739	proteomics_log	3409196	3409264	+	2	2	R.TFNAIEDASEQLEALEAYFENFA.-	27
PLOG+6740	proteomics_log	3409308	3409388	+	3	47	R.VNSDVLTVSTVNSQDQVTQKPLRDSVK.Q	31
PLOG+6741	proteomics_log	3409389	3409505	+	3	87	K.QALKNYFAQLNGQDVNDLYELVLAEEVQPLLDMMVMQYTR.G	43
PLOG+6742	proteomics_log	3409401	3409505	+	3	97	K.NYFAQLNGQDVNDLYELVLAEEVQPLLDMMVMQYTR.G	39
PLOG+6743	proteomics_log	3409521	3409547	+	3	40	R.AALMMGINR.G	13
PLOG+6744	proteomics_log	3412387	3412407	+	1	5	R.INLAYTK.V	11
PLOG+6745	proteomics_log	3412387	3412407	+	1	5	R.INLAYTK.V	11
PLOG+6746	proteomics_log	3427261	3427311	+	1	5	M.SDVLRPYRDLFPQIGQR.V	21
PLOG+6747	proteomics_log	3427312	3427353	+	1	2	R.VM*IDDSSVIGDVR.L	19
PLOG+6748	proteomics_log	3427312	3427353	+	1	11	R.VMIDDSSVIGDVR.L	18
PLOG+6749	proteomics_log	3427354	3427428	+	1	16	R.LADDVGIWPLVIRGDVHYVQIGAR.T	29
PLOG+6750	proteomics_log	3427354	3427395	+	1	145	R.LADDVGIWPLVIR.G	18
PLOG+6751	proteomics_log	3427396	3427428	+	1	6	R.GDVHYVQIGAR.T	15
PLOG+6752	proteomics_log	3427429	3427470	+	1	21	R.TNIQDGSM LHVTHK.S	18
PLOG+6753	proteomics_log	3427660	3427743	+	1	3	K.RLESGYLYLGSPVKQIRPLSDEEKAGLR.Y	32
PLOG+6754	proteomics_log	3428711	3428779	+	2	3	K.ESVQCVDEIIDGCQHAPIGM*FNI.Q	28
PLOG+6755	proteomics_log	3429538	3429612	+	1	2	T.LRAFSSYGFEVNGKLTLRVAITRVK.C	29
PLOG+6756	proteomics_log	3431715	3431750	+	3	9	M.SVLQVLHIPDER.L	16
PLOG+6757	proteomics_log	3431757	3431801	+	3	23	R.KVAKPVEEVNAEIQR.I	19
PLOG+6758	proteomics_log	3431802	3431882	+	3	2	R.IVDDMFETMYAEEGIGLAATQVDIHQR.I	31

PLOG+6759	proteomics_log	3431922	3431954	+	3	90	R.LVLINPELLEK.S	15
PLOG+6760	proteomics_log	3432254	3432289	+	2	14	R.IIFAGTPDFAAR.H	16
PLOG+6761	proteomics_log	3432290	3432364	+	2	63	R.HLDALLSSGHNVVGVFTQPDRPAGR.G	29
PLOG+6762	proteomics_log	3432878	3432913	+	2	2	R.IDWSLSAAQLER.C	16
PLOG+6763	proteomics_log	3433253	3433333	+	2	2	R.SMAAQAVEQVVEQGQSLSNILPPLQK.V	31
PLOG+6764	proteomics_log	3434255	3434323	+	2	47	R.DRDIPELAQLQSEILDAIWPHLK.T	27
PLOG+6765	proteomics_log	3434945	3434995	+	2	2	R.LIEYPGALQVVNFAEGK.V	21
PLOG+6766	proteomics_log	3435620	3435661	+	2	2	S.HVRKADIVGVSSLR.R	18
PLOG+6767	proteomics_log	3435887	3435913	+	2	3	R.LFQPSPFFL.-	13
PLOG+6768	proteomics_log	3441754	3441789	+	1	2	T.VAGVLADLTTR.L	16
PLOG+6769	proteomics_log	3450018	3450107	+	3	2	L.VNFLTIVLRTSSKGHATRTPDRALDRTRTR.T	34
PLOG+6770	proteomics_log	3456784	3456825	+	1	3	R.IDGVLRTILQPNKK.L	18
PLOG+6771	proteomics_log	3464559	3464594	+	3	2	K.KNALNITIGVFH.L	16
PLOG+6772	proteomics_log	3469799	3469861	+	2	2	R.SADEYPCLLPGSLPADLLSAV.P	25
PLOG+6773	proteomics_log	3478098	3478151	+	3	2	R.NVRLPTPTTALTPVLGL.L	22
PLOG+6774	proteomics_log	3478226	3478273	+	2	2	R.INCNAIAVEDIARPMP.P	20
PLOG+6775	proteomics_log	3479764	3479811	+	1	2	S.GGWRMRLNLAQALICR.S	20
PLOG+6776	proteomics_log	3480034	3480075	+	1	2	R.LAQQQAMYESSQER.V	18
PLOG+6777	proteomics_log	3480379	3480429	+	1	2	K.LLAGELAPVSGEIGLAK.G	21
PLOG+6778	proteomics_log	3480934	3480993	+	1	2	Q.ARKDQKRREAELRAQTQPLR.K	24
PLOG+6779	proteomics_log	3482240	3482308	+	2	6	I.MLIPWQDLSPETLENLIESFVLR.E	27
PLOG+6780	proteomics_log	3483217	3483309	+	1	2	R.NLEGIDFPWLLAMLQGSFISHINTLVVPGGK.M	35
PLOG+6781	proteomics_log	3483310	3483354	+	1	2	K.MGLAMELIMLPLVQR.L	19
PLOG+6782	proteomics_log	3484223	3484249	+	2	2	K.STLIHQGEK.A	13
PLOG+6783	proteomics_log	3484223	3484276	+	2	15	K.STLIHQGEKAETLYYIVK.G	22
PLOG+6784	proteomics_log	3484448	3484489	+	2	4	K.FRQLIQVNPDILMR.L	18
PLOG+6785	proteomics_log	3484454	3484489	+	2	59	R.QLIQVNPDILMR.L	16
PLOG+6786	proteomics_log	3484511	3484534	+	2	3	R.RLQVTSEK.V	12
PLOG+6787	proteomics_log	3484511	3484570	+	2	50	R.RLQVTSEKVGNLAFLDVTGR.I	24
PLOG+6788	proteomics_log	3484514	3484570	+	2	19	R.LQVTSEKVGNLAFLDVTGR.I	23
PLOG+6789	proteomics_log	3484535	3484570	+	2	23	K.VGNLAFLDVTGR.I	16
PLOG+6790	proteomics_log	3484571	3484651	+	2	3	R.IAQTLNLAQKQPDAMTHPDGMQIKITR.Q	31
PLOG+6791	proteomics_log	3484571	3484600	+	2	25	R.IAQTLNLAQK.Q	14
PLOG+6792	proteomics_log	3484571	3484642	+	2	112	R.IAQTLNLAQKQPDAMTHPDGMQIK.I	28
PLOG+6793	proteomics_log	3484700	3484747	+	2	25	R.ILKMLEDNLNLSAHGK.T	20
PLOG+6794	proteomics_log	3484709	3484771	+	2	2	K.MLEDQNLISAHGKTIVVYGTR.-	25
PLOG+6795	proteomics_log	3484709	3484747	+	2	89	K.MLEDQNLISAHGK.T	17
PLOG+6796	proteomics_log	3484748	3484771	+	2	13	K.TIVVYGTR.-	12
PLOG+6797	proteomics_log	3484845	3484904	+	3	2	L.SPRYQLCTSTNAGAMFARGR.W	24
PLOG+6798	proteomics_log	3493839	3493886	+	3	2	R.LAMFGAQKDDLPEIWR.Q	20
PLOG+6799	proteomics_log	3496261	3496317	+	1	5	R.LLREKLESLLPLHLGQVAK.Y	23
PLOG+6800	proteomics_log	3497101	3497178	+	1	4	R.VIDGTLTQLGELAQQMNSPSLIIIIGR.V	30
PLOG+6801	proteomics_log	3506022	3506075	+	3	3	L.QNVVEVVFQIAVTNGDAR.K	22
PLOG+6802	proteomics_log	3506556	3506597	+	3	2	G.EINMQMLM*GEGVTR.R	19
PLOG+6803	proteomics_log	3508510	3508560	+	1	14	L.LARIKKIIVAINFKQHR.L	21
PLOG+6804	proteomics_log	3521772	3521804	+	3	2	R.KVQQAQAVR.N	15

PLOG+6805	proteomics_log	3522885	3522944	+	3	3	K.TGAQEYAPHVINTPLAFLIK.S	24
PLOG+6806	proteomics_log	3523311	3523346	+	3	4	R.STGQLANGGNSR.E	16
PLOG+6807	proteomics_log	3527370	3527399	+	3	2	A.M*KEKPAVEVR.L	15
PLOG+6808	proteomics_log	3527799	3527822	+	3	2	M.PQHDQLHR.Y	12
PLOG+6809	proteomics_log	3528639	3528671	+	3	3	R.NNASPADPQVH.-	15
PLOG+6810	proteomics_log	3530912	3530977	+	2	2	V.YNPSYDLLYQEELDPSLTGYER.G	26
PLOG+6811	proteomics_log	3530978	3531043	+	2	13	R.GVLTNLGAVAVDTGIFTGRSPK.D	26
PLOG+6812	proteomics_log	3530978	3531034	+	2	138	R.GVLTNLGAVAVDTGIFTGR.S	23
PLOG+6813	proteomics_log	3531107	3531157	+	2	2	K.GKNDNKPLSPETWQHLLK.G	21
PLOG+6814	proteomics_log	3531248	3531286	+	2	10	R.FITEVAWQAHFVK.N	17
PLOG+6815	proteomics_log	3531287	3531361	+	2	3	K.NM*FIRPSDEELAGFKPDFIVMNGAK.C	30
PLOG+6816	proteomics_log	3531287	3531361	+	2	89	K.NMFIRPSDEELAGFKPDFIVMNGAK.C	29
PLOG+6817	proteomics_log	3531383	3531433	+	2	6	K.EQGLNSENFAFNLTER.M	21
PLOG+6818	proteomics_log	3531434	3531478	+	2	2	R.MQLIGGTWYGGEMKK.G	19
PLOG+6819	proteomics_log	3531479	3531562	+	2	6	K.GMFSMMNYLLPLKGIASMHCSANVGEKG.D	32
PLOG+6820	proteomics_log	3531560	3531601	+	2	4	K.GDVAVFFGLSGTGK.T	18
PLOG+6821	proteomics_log	3531704	3531754	+	2	2	K.TIKLSKEAEPEIYN AIR.R	21
PLOG+6822	proteomics_log	3531704	3531757	+	2	40	K.TIKLSKEAEPEIYN AIRR.D	22
PLOG+6823	proteomics_log	3531722	3531754	+	2	6	K.EAEPEIYN AIR.R	15
PLOG+6824	proteomics_log	3531758	3531787	+	2	6	R.DALLENVTVR.E	14
PLOG+6825	proteomics_log	3531839	3531907	+	2	2	R.VSYPIYHIDNIVKPVSKAGHATK.V	27
PLOG+6826	proteomics_log	3531839	3531889	+	2	7	R.VSYPIYHIDNIVKPVSK.A	21
PLOG+6827	proteomics_log	3531890	3531958	+	2	12	K.AGHATKVIFLTADAFGLVPPVSR.L	27
PLOG+6828	proteomics_log	3531908	3531958	+	2	191	K.VIFLTADAFGLVPPVSR.L	21
PLOG+6829	proteomics_log	3531959	3532027	+	2	24	R.LTADQTYHFLSGFTAKLAGTER.G	27
PLOG+6830	proteomics_log	3531959	3532009	+	2	184	R.LTADQTYHFLSGFTAK.L	21
PLOG+6831	proteomics_log	3532121	3532186	+	2	4	K.RM*QAAGAQA YLVNTGWNGTGKR.I	27
PLOG+6832	proteomics_log	3532124	3532186	+	2	6	R.MQAAGAQA YLVNTGWNGTGKR.I	25
PLOG+6833	proteomics_log	3532187	3532207	+	2	2	R.ISIKDTR.A	11
PLOG+6834	proteomics_log	3532208	3532330	+	2	3	R.AIIDAILNGSLDNAETFTLPMFNLAIPTELPGVDTKILDPR.N	45
PLOG+6835	proteomics_log	3532208	3532258	+	2	6	R.AIIDAILNGSLDNAETF.T	21
PLOG+6836	proteomics_log	3532208	3532315	+	2	118	R.AIIDAILNGSLDNAETFTLPMFNLAIPTELPGVDTK.I	40
PLOG+6837	proteomics_log	3532331	3532366	+	2	5	R.NTYASPEQWQEK.A	16
PLOG+6838	proteomics_log	3532331	3532459	+	2	6	R.NTYASPEQWQEK AETLAKLFIDNFDKYTDTPAGAALVAAGPKL.-	47
PLOG+6839	proteomics_log	3532331	3532384	+	2	12	R.NTYASPEQWQEK AETLAK.L	22
PLOG+6840	proteomics_log	3532367	3532459	+	2	64	K.AETLAKLFIDNFDKYTDTPAGAALVAAGPKL.-	35
PLOG+6841	proteomics_log	3532385	3532456	+	2	33	K.LFIDNFDKYTDTPAGAALVAAGPK.L	28
PLOG+6842	proteomics_log	3532385	3532459	+	2	357	K.LFIDNFDKYTDTPAGAALVAAGPKL.-	29
PLOG+6843	proteomics_log	3535431	3535523	+	3	2	R.IIAGEIQARPEQVDAAVRLLDEGNTVPFIAR.Y	35
PLOG+6844	proteomics_log	3535431	3535484	+	3	27	R.IIAGEIQARPEQVDAAVR.L	22
PLOG+6845	proteomics_log	3535485	3535523	+	3	79	R.LLDEGNTVPFIAR.Y	17
PLOG+6846	proteomics_log	3535524	3535568	+	3	22	R.YRKEITGGLDDTQLR.N	19
PLOG+6847	proteomics_log	3535533	3535568	+	3	4	K.EITGGLDDTQLR.N	16
PLOG+6848	proteomics_log	3535914	3535943	+	3	3	R.FAEDAALLAK.V	14
PLOG+6849	proteomics_log	3536313	3536345	+	3	2	R.AEDEAINVFAR.N	15
PLOG+6850	proteomics_log	3536346	3536387	+	3	31	R.NLHDLLMAAPAGLR.A	18

PLOG+6851	proteomics_log	3536430	3536504	+	3	2	K.VAVVDATGKLVATDTIYPHTGQAAK.A	29
PLOG+6852	proteomics_log	3536643	3536729	+	3	2	K.VIVSEAGASVYSASELAAQEPDLDVSLR.G	33
PLOG+6853	proteomics_log	3536751	3536795	+	3	7	R.RLQDPLAELVKIDPK.S	19
PLOG+6854	proteomics_log	3536769	3536849	+	3	5	L.AELVKIDPKSIGVGGYQHHDVSQTQLAR.K	31
PLOG+6855	proteomics_log	3536796	3536849	+	3	26	K.SIGVGGYQHHDVSQTQLAR.K	22
PLOG+6856	proteomics_log	3536979	3537005	+	3	3	R.DENGQFQNR.Q	13
PLOG+6857	proteomics_log	3537072	3537140	+	3	32	R.INHGDNPLDASTVHPEAYPVVER.I	27
PLOG+6858	proteomics_log	3537141	3537200	+	3	2	R.ILAATQQALKDLM*GNSSELR.N	25
PLOG+6859	proteomics_log	3537141	3537209	+	3	4	R.ILAATQQALKDLMGNSSELRNLK.A	27
PLOG+6860	proteomics_log	3537141	3537200	+	3	76	R.ILAATQQALKDLMGNSSELR.N	24
PLOG+6861	proteomics_log	3537567	3537599	+	3	22	R.LDEQPGETNAR.R	15
PLOG+6862	proteomics_log	3537654	3537725	+	3	3	R.GREAQPAGNSAM*M*DALAAAM*GKKR.-	31
PLOG+6863	proteomics_log	3537660	3537719	+	3	12	R.EAQPAGNSAMMDALAAAMGK.K	24
PLOG+6864	proteomics_log	3538429	3538509	+	1	2	T.M*KKLTIGLIGNPNSGKTTLFNQLTGSR.Q	32
PLOG+6865	proteomics_log	3538477	3538509	+	1	2	K.TTLFNQLTGSR.Q	15
PLOG+6866	proteomics_log	3539035	3539076	+	1	7	R.WLGLQMLEGDIYSR.A	18
PLOG+6867	proteomics_log	3543646	3543687	+	1	3	T.MIRISDAAQAHFAK.L	18
PLOG+6868	proteomics_log	3543655	3543723	+	1	9	R.ISDAAQAHFAKLLANQEEGTQIR.V	27
PLOG+6869	proteomics_log	3543655	3543687	+	1	104	R.ISDAAQAHFAK.L	15
PLOG+6870	proteomics_log	3543688	3543723	+	1	143	K.LLANQEEGTQIR.V	16
PLOG+6871	proteomics_log	3543817	3543936	+	1	4	K.FDLLTAYVDELSAPYLEDAEIDFVTDQLGSQLTLKAPNAK.M	44
PLOG+6872	proteomics_log	3543943	3543975	+	1	2	R.KVADDAPLM*ER.V	16
PLOG+6873	proteomics_log	3553130	3553225	+	2	5	V.IRLNQLSRITTSCKVNGATLPVHKSCWASLNR.Q	36
PLOG+6874	proteomics_log	3553195	3553263	+	1	6	R.AQILLGEFEPAEIVLEELNENAR.S	27
PLOG+6875	proteomics_log	3560036	3560110	+	2	36	S.METKDLIVIGGGINGAGIAADAAGR.G	29
PLOG+6876	proteomics_log	3560048	3560110	+	2	53	K.DLIVIGGGINGAGIAADAAGR.G	25
PLOG+6877	proteomics_log	3560198	3560263	+	2	14	R.YLEHYEFRLVSEALAEREVLLK.M	26
PLOG+6878	proteomics_log	3560198	3560221	+	2	29	R.YLEHYEFR.L	12
PLOG+6879	proteomics_log	3560222	3560248	+	2	6	R.LVSEALAER.E	13
PLOG+6880	proteomics_log	3560222	3560263	+	2	29	R.LVSEALAEREVLLK.M	18
PLOG+6881	proteomics_log	3560342	3560377	+	2	2	R.IGLFM*YDHLGKR.T	17
PLOG+6882	proteomics_log	3560342	3560407	+	2	4	R.IGLFM*YDHLGKRTSLPGSTGLR.F	27
PLOG+6883	proteomics_log	3560342	3560374	+	2	10	R.IGLFMYDHLGK.R	15
PLOG+6884	proteomics_log	3560342	3560377	+	2	12	R.IGLFMYDHLGKR.T	16
PLOG+6885	proteomics_log	3560375	3560407	+	2	2	K.RTSLPGSTGLR.F	15
PLOG+6886	proteomics_log	3560378	3560446	+	2	2	R.TSLPGSTGLRFGANSVLKPEIKR.G	27
PLOG+6887	proteomics_log	3560408	3560446	+	2	44	R.FGANSVLKPEIKR.G	17
PLOG+6888	proteomics_log	3560408	3560443	+	2	97	R.FGANSVLKPEIK.R	16
PLOG+6889	proteomics_log	3560486	3560542	+	2	3	R.LVLANAQMVVRKGGEVLTR.T	23
PLOG+6890	proteomics_log	3560486	3560521	+	2	4	R.LVLANAQMVVRK.G	16
PLOG+6891	proteomics_log	3560486	3560518	+	2	5	R.LVLANAQM*VVR.K	16
PLOG+6892	proteomics_log	3560486	3560518	+	2	98	R.LVLANAQMVVR.K	15
PLOG+6893	proteomics_log	3560499	3560594	+	3	2	P.TPRWWCVKAAKCLLGLAPLLAAKTACGLWKR.K	36
PLOG+6894	proteomics_log	3560519	3560542	+	2	17	R.KGGEVLTR.T	12
PLOG+6895	proteomics_log	3560549	3560635	+	2	2	R.ATSARRENLWIVEAEDIDTGKYSWQAR.G	33
PLOG+6896	proteomics_log	3560564	3560617	+	2	41	R.RENLWIVEAEDIDTGKK.Y	22

PLOG+6897	proteomics_log	3560564	3560635	+	2	46	R.RENGLWIVEAEDIDTGKKYSWQAR.G	28
PLOG+6898	proteomics_log	3560636	3560716	+	2	2	R.GLVNATGPWVKQFFDDGM*HLPSPYGIR.L	32
PLOG+6899	proteomics_log	3560636	3560668	+	2	56	R.GLVNATGPWVK.Q	15
PLOG+6900	proteomics_log	3560636	3560716	+	2	93	R.GLVNATGPWVKQFFDDGMHLPSPYGIR.L	31
PLOG+6901	proteomics_log	3560669	3560716	+	2	51	K.QFFDDGMHLPSPYGIR.L	20
PLOG+6902	proteomics_log	3560717	3560749	+	2	78	R.LIKGSHIVVPR.V	15
PLOG+6903	proteomics_log	3560726	3560749	+	2	2	K.GSHIVVPR.V	12
PLOG+6904	proteomics_log	3560750	3560797	+	2	14	R.VHTQKQAYILQNEDKR.I	20
PLOG+6905	proteomics_log	3560765	3560797	+	2	2	K.QAYILQNEDKR.I	15
PLOG+6906	proteomics_log	3560876	3560941	+	2	56	K.AVKIEESEINYLLNVYNTHFKK.Q	26
PLOG+6907	proteomics_log	3560876	3560938	+	2	61	K.AVKIEESEINYLLNVYNTHFK.K	25
PLOG+6908	proteomics_log	3560885	3560941	+	2	9	K.IEESEINYLLNVYNTHFKK.Q	23
PLOG+6909	proteomics_log	3560885	3560938	+	2	20	K.IEESEINYLLNVYNTHFK.K	22
PLOG+6910	proteomics_log	3560996	3561031	+	2	4	C.DDES DSPQA ITR.D	16
PLOG+6911	proteomics_log	3561032	3561112	+	2	5	R.DYTLDIHDENGKAPLLSVFGGKLT TYR.K	31
PLOG+6912	proteomics_log	3561032	3561097	+	2	51	R.DYTLDIHDENGKAPLLSVFGGK.L	26
PLOG+6913	proteomics_log	3561113	3561238	+	2	2	R.KLAEHALEKLT PYYQGIGPAWTKESVLPGGAIEGDRDDYAAR.L	46
PLOG+6914	proteomics_log	3561113	3561181	+	2	17	R.KLAEHALEKLT PYYQGIGPAWTK.E	27
PLOG+6915	proteomics_log	3561113	3561139	+	2	24	R.KLAEHALEK.L	13
PLOG+6916	proteomics_log	3561116	3561139	+	2	12	K.LAEHALEK.L	12
PLOG+6917	proteomics_log	3561116	3561181	+	2	12	K.LAEHALEKLT PYYQGIGPAWTK.E	26
PLOG+6918	proteomics_log	3561140	3561181	+	2	11	K.LTPYYQGIGPAWTK.E	18
PLOG+6919	proteomics_log	3561182	3561238	+	2	11	K.ESVLPGGAIEGDRDDYAAR.L	23
PLOG+6920	proteomics_log	3561245	3561280	+	2	19	R.RRYPFLTESLAR.H	16
PLOG+6921	proteomics_log	3561248	3561280	+	2	11	R.RYPFLTESLAR.H	15
PLOG+6922	proteomics_log	3561251	3561280	+	2	21	R.YPFLTESLAR.H	14
PLOG+6923	proteomics_log	3561293	3561391	+	2	78	R.TYGSNSELL LGNAGTVSDLGEDFGHEFYEAELK.Y	37
PLOG+6924	proteomics_log	3561392	3561418	+	2	42	K.YLVDHEWVR.R	13
PLOG+6925	proteomics_log	3561419	3561442	+	2	35	R.RADDALWR.R	12
PLOG+6926	proteomics_log	3561446	3561487	+	2	3	R.TKQGM*WLNADQQSR.V	19
PLOG+6927	proteomics_log	3561446	3561487	+	2	22	R.TKQGMWLNADQQSR.V	18
PLOG+6928	proteomics_log	3561452	3561487	+	2	2	K.QGM*WLNADQQSR.V	17
PLOG+6929	proteomics_log	3561452	3561487	+	2	63	K.QGMWLNADQQSR.V	16
PLOG+6930	proteomics_log	3561488	3561538	+	2	2	R.VSQWLVEYTQQRSLAS.-	21
PLOG+6931	proteomics_log	3561488	3561523	+	2	86	R.VSQWLVEYTQQR.L	16
PLOG+6932	proteomics_log	3585203	3585241	+	2	5	R.VLQSQPGERNPAR.Q	17
PLOG+6933	proteomics_log	3596232	3596267	+	3	5	R.GVGQYLLEEVLR.N	16
PLOG+6934	proteomics_log	3602728	3602766	+	1	2	R.VVNSNAM SFLAQK.G	17
PLOG+6935	proteomics_log	3602812	3602940	+	1	3	R.GLLEETINLLEDNGWLAD EAL IYVESEVENGLPTVPANWSLHR.E	47
PLOG+6936	proteomics_log	3605815	3605922	+	1	3	R.VTAIHPATGISESELLT LAAAVEQ GATHPLAQAIVR.E	40
PLOG+6937	proteomics_log	3608224	3608280	+	1	3	K.AVIVIMGDDPKEDLAVLAK.R	23
PLOG+6938	proteomics_log	3608281	3608301	+	1	37	K.RLEDQQR.S	11
PLOG+6939	proteomics_log	3608302	3608337	+	1	30	R.SRDPQLQVVTNK.A	16
PLOG+6940	proteomics_log	3608338	3608394	+	1	3	K.AIELKGHKM*QQLDSIISAK.G	24
PLOG+6941	proteomics_log	3608362	3608394	+	1	13	K.MQQLDSIISAK.G	15
PLOG+6942	proteomics_log	3608488	3608532	+	1	29	K.AQTTAENIINTLVIQ.-	19

PLOG+6943	proteomics_log	3612371	3612448	+	2	8	R.AVAFETGDIDLLYEGNEGLPLDTFAR.F	30
PLOG+6944	proteomics_log	3612554	3612583	+	2	12	R.EALNYAVNKK.S	14
PLOG+6945	proteomics_log	3612584	3612703	+	2	12	K.SLIDNALYGTQQVADTLFAPSVPYANLGLKPSQYDPQKAK.A	44
PLOG+6946	proteomics_log	3612818	3612850	+	2	2	K.SMAEIIQADMR.Q	15
PLOG+6947	proteomics_log	3612851	3612919	+	2	2	R.QIGADVSLIGEEESSIYARQRDG.R	27
PLOG+6948	proteomics_log	3615937	3615966	+	1	3	R.SGCGKSTLAR.L	14
PLOG+6949	proteomics_log	3616620	3616676	+	3	29	R.VTITLDDDLLETLDLSLSQR.R	23
PLOG+6950	proteomics_log	3624231	3624314	+	3	10	R.ISADPVNTIASMVMLLMIAITPPNHAGS.R	32
PLOG+6951	proteomics_log	3636451	3636510	+	1	2	R.TRDAINNVEAYFEQHPALLK.Q	24
PLOG+6952	proteomics_log	3638137	3638199	+	1	206	M.AYKHILIAVDLSPESKVLVEK.A	25
PLOG+6953	proteomics_log	3638137	3638184	+	1	303	M.AYKHILIAVDLSPESK.V	20
PLOG+6954	proteomics_log	3638146	3638184	+	1	28	K.HILIAVDLSPESK.V	17
PLOG+6955	proteomics_log	3638185	3638232	+	1	2	K.VLVEKAVSM*ARPYNAK.V	21
PLOG+6956	proteomics_log	3638185	3638232	+	1	16	K.VLVEKAVSMARPYNAK.V	20
PLOG+6957	proteomics_log	3638200	3638232	+	1	8	K.AVSM*ARPYNAK.V	16
PLOG+6958	proteomics_log	3638200	3638232	+	1	175	K.AVSMARPYNAK.V	15
PLOG+6959	proteomics_log	3638233	3638313	+	1	7	K.VSLIHVDVNYSDLYTGLIDVNLGDMQK.R	31
PLOG+6960	proteomics_log	3638233	3638316	+	1	59	K.VSLIHVDVNYSDLYTGLIDVNLGDMQKR.I	32
PLOG+6961	proteomics_log	3638281	3638313	+	1	2	G.LIDVNLGDMQK.R	15
PLOG+6962	proteomics_log	3638314	3638436	+	1	3	K.RISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIKK.Y	45
PLOG+6963	proteomics_log	3638314	3638433	+	1	6	K.RISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIK.K	44
PLOG+6964	proteomics_log	3638317	3638448	+	1	10	R.ISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIKKYDM*D.L	49
PLOG+6965	proteomics_log	3638317	3638436	+	1	21	R.ISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIKK.Y	44
PLOG+6966	proteomics_log	3638317	3638433	+	1	66	R.ISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIK.K	43
PLOG+6967	proteomics_log	3638488	3638565	+	1	51	K.LMSSARQLINTVHVDMLIVPLRDEEE.-	30
PLOG+6968	proteomics_log	3638506	3638565	+	1	15	R.QLINTVHVDM*LIVPLRDEEE.-	25
PLOG+6969	proteomics_log	3638506	3638565	+	1	334	R.QLINTVHVDMLIVPLRDEEE.-	24
PLOG+6970	proteomics_log	3643609	3643677	+	1	2	R.IWQQDDLPAELEAYINVVKHFN.R.S	27
PLOG+6971	proteomics_log	3643723	3643791	+	1	8	R.LLLREQDSLQLTELHPSDYPLLR.S	27
PLOG+6972	proteomics_log	3643816	3643854	+	1	2	R.ARVEKADGFQQLK.A	17
PLOG+6973	proteomics_log	3643966	3644010	+	1	5	R.FATGIYALWYPVVL.R.Q	19
PLOG+6974	proteomics_log	3644325	3644387	+	3	11	M.TKHYDYIAIGGGSGGIASIN.R.A	25
PLOG+6975	proteomics_log	3644472	3644501	+	3	3	K.KVMWHAAQIR.E	14
PLOG+6976	proteomics_log	3644502	3644585	+	3	42	R.EAIHMYGPDYGFDTTINKFNWETLIASR.T	32
PLOG+6977	proteomics_log	3644586	3644669	+	3	8	R.TAYIDRIHTSYENVLGKNNVDVIKGFAR.F	32
PLOG+6978	proteomics_log	3644604	3644669	+	3	3	R.IHTSYENVLGKNNVDVIKGFAR.F	26
PLOG+6979	proteomics_log	3644829	3644897	+	3	5	R.VAVVGAGYIAVELAGVINGLGAK.T	27
PLOG+6980	proteomics_log	3644934	3645017	+	3	42	R.SFDPMISETLVEVMNAEGPQLHTNAIPK.A	32
PLOG+6981	proteomics_log	3645294	3645401	+	3	3	R.LFNNKPDEHLDYSNIPTVVFSPPIGTVGLTEPQAR.E	40
PLOG+6982	proteomics_log	3645402	3645437	+	3	3	R.EQYGGDQVKVYK.S	16
PLOG+6983	proteomics_log	3645525	3645593	+	3	35	K.IVGIHGIGFGMDEMLQGFAVALK.M	27
PLOG+6984	proteomics_log	3645594	3645671	+	3	7	K.MGATKKDFDNTVAIHPTAAEEFVTMR.-	30
PLOG+6985	proteomics_log	3645609	3645671	+	3	2	K.KDFDNTVAIHPTAAEEFVTMR.-	25
PLOG+6986	proteomics_log	3647555	3647593	+	2	7	R.KDIPQNYDM*ALLK.S	18
PLOG+6987	proteomics_log	3652092	3652145	+	3	5	K.SFVAVHNQPGLYVGQQAR.F	22
PLOG+6988	proteomics_log	3652182	3652262	+	3	11	K.TDTLLEISVPLDSYAKPDIEANYQGR.L	31



PLOG+6989	proteomics_log	3657867	3657917	+	3	5	R.LDPIYVDLTQSVQDFLR.M	21
PLOG+6990	proteomics_log	3658365	3658409	+	3	28	R.AISSSQENASTESKQ.-	19
PLOG+6991	proteomics_log	3659757	3659846	+	3	2	R.ALVGIAVVL SAVFM*PM*AFM*SGATGEIYRQF.S	37
PLOG+6992	proteomics_log	3664905	3664928	+	3	20	G.VGLEFIQR.I	12
PLOG+6993	proteomics_log	3672809	3672868	+	2	5	I.MQATATLDHEQEYTPINSR.N	24
PLOG+6994	proteomics_log	3672983	3673090	+	2	4	D.PTAATLQSLATFAIAFVARPIGS AVFGHFGDRVGRK.A	40
PLOG+6995	proteomics_log	3678090	3678128	+	3	6	R.THNAGVKEVVVKR.G	17
PLOG+6996	proteomics_log	3678207	3678263	+	3	2	K.VIDTTAAGDSF SAGYLAVR.L	23
PLOG+6997	proteomics_log	3678264	3678299	+	3	2	R.LTGGSAEDA AAKR.G	16
PLOG+6998	proteomics_log	3678264	3678296	+	3	2	R.LTGGSAEDA AAK.R	15
PLOG+6999	proteomics_log	3678264	3678335	+	3	4	R.LTGGSAEDA AAKRGHLTASTVIQYR.G	28
PLOG+7000	proteomics_log	3690296	3690325	+	2	5	S.IAFVTTSSLR.I	14
PLOG+7001	proteomics_log	3697476	3697535	+	3	4	R.AQKFFDELDAFFTELEKSGR.K	24
PLOG+7002	proteomics_log	3697476	3697526	+	3	9	R.AQKFFDELDAFFTELEK.S	21
PLOG+7003	proteomics_log	3697485	3697526	+	3	12	K.FFDELDAFFTELEK.S	18
PLOG+7004	proteomics_log	3697794	3697907	+	3	2	K.LTSGLPQTAPVSENSNAVVIQYQDKPYVRLNGGDWVPY.P	42
PLOG+7005	proteomics_log	3702305	3702337	+	2	18	N.RRAENCHQHQR.Q	15
PLOG+7006	proteomics_log	3715387	3715521	+	1	2	R.LQEFTVHVQVANLSPQTVEQNAAIFAEAEGLLSNENVNAALEK.M	49
PLOG+7007	proteomics_log	3715537	3715596	+	1	9	R.ATSTISVGYDNFVDALTAR.K	24
PLOG+7008	proteomics_log	3715597	3715680	+	1	2	R.KILLMHTPTVLTETVADTLM*ALVLSTAR.R	33
PLOG+7009	proteomics_log	3715597	3715680	+	1	7	R.KILLM*HTPTVLTETVADTLMALVLSTAR.R	33
PLOG+7010	proteomics_log	3715597	3715680	+	1	2	R.KILLM*HTPTVLTETVADTLM*ALVLSTAR.R	34
PLOG+7011	proteomics_log	3715597	3715683	+	1	37	R.KILLMHTPTVLTETVADTLMALVLSTARR.V	33
PLOG+7012	proteomics_log	3715597	3715680	+	1	145	R.KILLMHTPTVLTETVADTLMALVLSTAR.R	32
PLOG+7013	proteomics_log	3715600	3715683	+	1	2	K.ILLM*HTPTVLTETVADTLM*ALVLSTARR.V	34
PLOG+7014	proteomics_log	3715600	3715683	+	1	2	K.ILLMHTPTVLTETVADTLMALVLSTARR.V	32
PLOG+7015	proteomics_log	3715600	3715680	+	1	7	K.ILLM*HTPTVLTETVADTLM*ALVLSTAR.R	33
PLOG+7016	proteomics_log	3715600	3715680	+	1	36	K.ILLMHTPTVLTETVADTLMALVLSTAR.R	31
PLOG+7017	proteomics_log	3715705	3715797	+	1	2	R.VKAGEWTASIGPDWYGTVDVHHKTLGIVGMGR.I	35
PLOG+7018	proteomics_log	3715771	3715797	+	1	3	K.TLGIVGMGR.I	13
PLOG+7019	proteomics_log	3715798	3715821	+	1	2	R.IGM*ALAQR.A	13
PLOG+7020	proteomics_log	3715798	3715821	+	1	38	R.IGMALAQR.A	12
PLOG+7021	proteomics_log	3715822	3715863	+	1	20	R.AHFGFNMPILYNAR.R	18
PLOG+7022	proteomics_log	3716008	3716088	+	1	2	K.MKSSAIFINAGRGPVVDENALIAALQK.G	31
PLOG+7023	proteomics_log	3716014	3716088	+	1	2	K.SSAIFINAGRGPVVDENALIAALQK.G	29
PLOG+7024	proteomics_log	3716215	3716268	+	1	3	R.YGMAACAVDNLIDALQK.V	22
PLOG+7025	proteomics_log	3718075	3718101	+	1	4	M.SGKMTGIVK.W	13
PLOG+7026	proteomics_log	3718201	3718281	+	1	11	K.SLDEGQKVSFTIESGAKGPAAGNVTSL.-	31
PLOG+7027	proteomics_log	3719311	3719385	+	1	2	H.LKALSKPKYADVKKRISEIYHENR.G	29
PLOG+7028	proteomics_log	3726389	3726415	+	2	7	A.RRKDKAETK.L	13
PLOG+7029	proteomics_log	3729913	3730017	+	1	2	R.IAAGTQTMVYKPITLLANTA AEI AVELGNGQEPK.A	39
PLOG+7030	proteomics_log	3737812	3737913	+	1	5	R.TPGAIMLGGGNPAQIPEMQDYFQTLTDMLESGK.A	38
PLOG+7031	proteomics_log	3737956	3737991	+	1	2	K.TELLTLLAGMLR.E	16
PLOG+7032	proteomics_log	3738892	3738978	+	1	17	R.MNYVPEPEKIEAGVKILAEIEERAWAESH.-	33
PLOG+7033	proteomics_log	3744201	3744251	+	3	3	L.RFGYETSQTDSQHIAAK.K	21
PLOG+7034	proteomics_log	3744312	3744356	+	3	3	P.DSTLGN AQAM*ISGVR.G	20

PLOG+7035	proteomics_log	3746672	3746752	+	2	2	L.LKDSVDIVEAGTILCLNEGLGAVKALR.E	31
PLOG+7036	proteomics_log	3749236	3749298	+	1	2	S.SLYPALAINTTCSPIGYFAVR.L	25
PLOG+7037	proteomics_log	3764807	3764866	+	2	4	A.FAISVINDKATIPLLINLLK.D	24
PLOG+7038	proteomics_log	3767034	3767066	+	3	2	S.WNVNDPGASNR.K	15
PLOG+7039	proteomics_log	3770796	3770858	+	3	2	G.VNFMVVHDMPLASIFVEPAK.I	25
PLOG+7040	proteomics_log	3771279	3771317	+	3	2	V.SFVVSAILLKTSK.V	17
PLOG+7041	proteomics_log	3771621	3771695	+	3	64	R.QVPQAQHISLTNFLDSGLYTSALTER.L	29
PLOG+7042	proteomics_log	3771714	3771788	+	3	2	R.HTANEEKVKDSLKDSFDDSSANLFK.L	29
PLOG+7043	proteomics_log	3771714	3771818	+	3	4	R.HTANEEKVKDSLKDSFDDSSANLFKLGAEINFLGR.K	39
PLOG+7044	proteomics_log	3771789	3771818	+	3	28	K.LGAENIFLGR.K	14
PLOG+7045	proteomics_log	3771819	3771848	+	3	8	R.KAATKEEAIR.F	14
PLOG+7046	proteomics_log	3772038	3772067	+	3	7	R.FGEEEDDIAR.L	14
PLOG+7047	proteomics_log	3772068	3772091	+	3	2	R.LVIGIAAR.N	12
PLOG+7048	proteomics_log	3772092	3772214	+	3	2	R.NNEHIQVITSLTNALDDESVIERLAHTTSVDEVLELLAGRK.-	45
PLOG+7049	proteomics_log	3772092	3772160	+	3	17	R.NNEHIQVITSLTNALDDESVIER.L	27
PLOG+7050	proteomics_log	3772161	3772211	+	3	3	R.LAHTTSVDEVLELLAGR.K	21
PLOG+7051	proteomics_log	3772161	3772214	+	3	86	R.LAHTTSVDEVLELLAGRK.-	22
PLOG+7052	proteomics_log	3772447	3772485	+	1	3	T.M*KALHFGAGNIGR.G	18
PLOG+7053	proteomics_log	3772447	3772485	+	1	56	T.MKALHFGAGNIGR.G	17
PLOG+7054	proteomics_log	3772453	3772485	+	1	18	K.ALHFGAGNIGR.G	15
PLOG+7055	proteomics_log	3772486	3772575	+	1	7	R.GFIGKLLADAGIQLTFADVNVQVLDALNAR.H	34
PLOG+7056	proteomics_log	3772501	3772575	+	1	147	K.LLADAGIQLTFADVNVQVLDALNAR.H	29
PLOG+7057	proteomics_log	3772729	3772761	+	1	11	R.IAPAIKGGQVK.R	15
PLOG+7058	proteomics_log	3772822	3772875	+	1	3	R.GTTQLKGHVM*NALPEDAK.A	23
PLOG+7059	proteomics_log	3772822	3772875	+	1	8	R.GTTQLKGHVMNALPEDAK.A	22
PLOG+7060	proteomics_log	3772840	3772875	+	1	2	K.GHVMNALPEDAK.A	16
PLOG+7061	proteomics_log	3772876	3772923	+	1	5	K.AWVEEHVGFVDSAVDR.I	20
PLOG+7062	proteomics_log	3772924	3773004	+	1	23	R.IVPPSASATNDPLEVTVETTFSEWIVDK.T	31
PLOG+7063	proteomics_log	3772990	3773079	+	1	5	E.WIVDKTQFKGALPNIPGMELTDNLMAFVER.K	34
PLOG+7064	proteomics_log	3773005	3773079	+	1	2	K.TQFKGALPNIPGMELTDNLMAFVER.K	29
PLOG+7065	proteomics_log	3773017	3773079	+	1	3	K.GALPNIPGM*ELTDNLMAFVER.K	26
PLOG+7066	proteomics_log	3773017	3773079	+	1	85	K.GALPNIPGMELTDNLMAFVER.K	25
PLOG+7067	proteomics_log	3773080	3773130	+	1	39	R.KLFTLNTGHAITAYLGK.L	21
PLOG+7068	proteomics_log	3773083	3773130	+	1	5	K.LFTLNTGHAITAYLGK.L	20
PLOG+7069	proteomics_log	3773131	3773175	+	1	18	K.LAGHQTIRDAILDEK.I	19
PLOG+7070	proteomics_log	3773131	3773181	+	1	45	K.LAGHQTIRDAILDEKIR.A	21
PLOG+7071	proteomics_log	3773182	3773232	+	1	9	R.AVVKGAMEESGAVLIKR.Y	21
PLOG+7072	proteomics_log	3773194	3773232	+	1	10	K.GAMEESGAVLIKR.Y	17
PLOG+7073	proteomics_log	3773230	3773274	+	1	3	K.RYGFADADKHAAYIQK.I	19
PLOG+7074	proteomics_log	3773233	3773274	+	1	32	R.YGFADADKHAAYIQK.I	18
PLOG+7075	proteomics_log	3773275	3773322	+	1	41	K.ILGRFENPYLKDDVER.V	20
PLOG+7076	proteomics_log	3773365	3773412	+	1	3	R.LIKPLLGTLEYGLPHK.N	20
PLOG+7077	proteomics_log	3773365	3773451	+	1	15	R.LIKPLLGTLEYGLPHKNLIEGIAAAMHFR.S	33
PLOG+7078	proteomics_log	3773413	3773451	+	1	39	K.NLIEGIAAAMHFR.S	17
PLOG+7079	proteomics_log	3773452	3773583	+	1	5	R.SEDDPQAQELAALIADKGPQAALAQISGLDANSEVVSEAVTAYK.A	48
PLOG+7080	proteomics_log	3774688	3774717	+	1	3	H.M*KEVEKNEIK.R	15

PLOG+7081	proteomics_log	3774688	3774720	+	1	6	H.M*KEVEKNEIKR.L	16
PLOG+7082	proteomics_log	3774688	3774720	+	1	78	H.MKEVEKNEIKR.L	15
PLOG+7083	proteomics_log	3774721	3774840	+	1	4	R.LSDRLDAIRHQADLSLVEAADKYAELEKEKATLEAEIAR.L	44
PLOG+7084	proteomics_log	3774748	3774813	+	1	3	R.HQQADLSLVEAADKYAELEKEK.A	26
PLOG+7085	proteomics_log	3774841	3774885	+	1	5	R.LREVHSQKLSKEAQK.L	19
PLOG+7086	proteomics_log	3774841	3774873	+	1	5	R.LREVHSQKLSK.E	15
PLOG+7087	proteomics_log	3774910	3774954	+	1	14	R.AITKKEQADMGLKK.S	19
PLOG+7088	proteomics_log	3774910	3774945	+	1	22	R.AITKKEQADMGL.L	16
PLOG+7089	proteomics_log	3774964	3775002	+	1	2	R.GLVVHHPM*TALGR.E	18
PLOG+7090	proteomics_log	3774964	3775002	+	1	96	R.GLVVHPMTALGR.E	17
PLOG+7091	proteomics_log	3775003	3775038	+	1	2	R.EM*GLQEM*TGFSK.T	18
PLOG+7092	proteomics_log	3775003	3775038	+	1	60	R.EMGLQEMTGFSK.T	16
PLOG+7093	proteomics_log	3775698	3775757	+	3	2	K.ISVKTGQFDIIRSSILSITP.D	24
PLOG+7094	proteomics_log	3777850	3777894	+	1	28	R.MIISAASDYRAAAQR.I	19
PLOG+7095	proteomics_log	3777850	3777879	+	1	35	R.MIISAASDYR.A	14
PLOG+7096	proteomics_log	3777958	3777993	+	1	5	R.RNVEDLSEVALR.Q	16
PLOG+7097	proteomics_log	3777961	3777993	+	1	24	R.NVEDLSEVALR.Q	15
PLOG+7098	proteomics_log	3778000	3778053	+	1	3	R.ILKNMSDLSLETTLFNEK.L	22
PLOG+7099	proteomics_log	3778009	3778053	+	1	9	K.NMSDLSLETTLFNEK.L	19
PLOG+7100	proteomics_log	3778342	3778392	+	1	9	R.YRDAHSGMSGPNAAMRR.Y	21
PLOG+7101	proteomics_log	3778342	3778389	+	1	13	R.YRDAHSGMSGPNAAMR.R	20
PLOG+7102	proteomics_log	3778630	3778683	+	1	2	R.DAVRFGADGIVVSNHGGR.Q	22
PLOG+7103	proteomics_log	3778642	3778683	+	1	8	R.FGADGIVVSNHGGR.Q	18
PLOG+7104	proteomics_log	3778684	3778713	+	1	16	R.QLDGVLSAR.A	14
PLOG+7105	proteomics_log	3778714	3778779	+	1	15	R.ALPAIADAVKGDIAILADSGIR.N	26
PLOG+7106	proteomics_log	3778714	3778800	+	1	82	R.ALPAIADAVKGDIAILADSGIRNGLDVVR.M	33
PLOG+7107	proteomics_log	3778801	3778839	+	1	45	R.MIALGADTVLLGR.A	17
PLOG+7108	proteomics_log	3778840	3778944	+	1	2	R.AFLYALATAGQAGVANLLNLIKEMKVAMTLTGAK.S	39
PLOG+7109	proteomics_log	3778840	3778917	+	1	5	R.AFLYALATAGQAGVANLLNLIKEM*K.V	31
PLOG+7110	proteomics_log	3778840	3778908	+	1	21	R.AFLYALATAGQAGVANLLNLIK.E	27
PLOG+7111	proteomics_log	3778840	3778917	+	1	55	R.AFLYALATAGQAGVANLLNLIKEMK.V	30
PLOG+7112	proteomics_log	3778867	3778917	+	1	5	A.GQAGVANLLNLIKEMK.V	21
PLOG+7113	proteomics_log	3778945	3779025	+	1	4	K.SISEITQDSLQGLGKELPAALAPM*AK.G	32
PLOG+7114	proteomics_log	3778945	3778992	+	1	6	K.SISEITQDSLQGLGK.E	20
PLOG+7115	proteomics_log	3778945	3779025	+	1	35	K.SISEITQDSLQGLGKELPAALAPMAK.G	31
PLOG+7116	proteomics_log	3778945	3779037	+	1	39	K.SISEITQDSLQGLGKELPAALAPMAKGNAA.-	35
PLOG+7117	proteomics_log	3783283	3783375	+	1	3	A.M*LVSKKPM*VLVILDGYGYREEQQDNAIFSAK.T	37
PLOG+7118	proteomics_log	3783283	3783375	+	1	49	A.MLVSKKPMVLVILDGYGYREEQQDNAIFSAK.T	35
PLOG+7119	proteomics_log	3783298	3783375	+	1	21	K.KPMVLVILDGYGYREEQQDNAIFSAK.T	30
PLOG+7120	proteomics_log	3783376	3783459	+	1	121	K.TPVMDALWANRPHTLIDASGLEVLGLPDR.Q	32
PLOG+7121	proteomics_log	3783508	3783531	+	1	4	R.IVYQDLTR.L	12
PLOG+7122	proteomics_log	3783508	3783555	+	1	70	R.IVYQDLTRLDVEIKDR.A	20
PLOG+7123	proteomics_log	3783532	3783555	+	1	4	R.LDVEIKDR.A	12
PLOG+7124	proteomics_log	3783556	3783597	+	1	33	R.AFFANPVLTGAVDK.A	18
PLOG+7125	proteomics_log	3783556	3783603	+	1	63	R.AFFANPVLTGAVDKAK.N	20
PLOG+7126	proteomics_log	3783616	3783705	+	1	11	K.AVHIMGLLSAGGVHSHEDHIMAMVELAAER.G	34

PLOG+7127	proteomics_log	3783718	3783747	+	1	7	K.IYLHAFDGR.D	14
PLOG+7128	proteomics_log	3783763	3783816	+	1	2	R.SAESSLKKFEEKFAALGK.G	22
PLOG+7129	proteomics_log	3783763	3783798	+	1	3	R.SAESSLKKFEEK.F	16
PLOG+7130	proteomics_log	3783763	3783822	+	1	20	R.SAESSLKKFEEKFAALGKGR.V	24
PLOG+7131	proteomics_log	3783889	3783969	+	1	9	K.AYDLLTLAQGEFQADTAVAGLQAAYAR.D	31
PLOG+7132	proteomics_log	3784009	3784071	+	1	2	R.AEQPDAAM*EDGDALIFMNFR.A	26
PLOG+7133	proteomics_log	3784009	3784071	+	1	10	R.AEQPDAAMEDGDALIFMNFR.A	25
PLOG+7134	proteomics_log	3784099	3784134	+	1	88	R.AFVNADFDGFAR.K	16
PLOG+7135	proteomics_log	3784135	3784191	+	1	2	R.KKVVNVDFVM*LTEYAADIK.T	24
PLOG+7136	proteomics_log	3784135	3784191	+	1	7	R.KKVVNVDFVMLTEYAADIK.T	23
PLOG+7137	proteomics_log	3784192	3784251	+	1	3	K.TAVAYPPASLVNTFGEWMAK.N	24
PLOG+7138	proteomics_log	3784273	3784353	+	1	4	R.ISETEKYAHVTTFFNGGVEESFKGEDR.I	31
PLOG+7139	proteomics_log	3784354	3784428	+	1	2	R.ILINSPKVATYDLQPEMSSAELTEK.L	29
PLOG+7140	proteomics_log	3784375	3784446	+	1	4	K.VATYDLQPEMSSAELTEKLVAAIK.S	28
PLOG+7141	proteomics_log	3784375	3784428	+	1	5	K.VATYDLQPEM*SSAELTEK.L	23
PLOG+7142	proteomics_log	3784375	3784428	+	1	75	K.VATYDLQPEMSSAELTEK.L	22
PLOG+7143	proteomics_log	3784387	3784428	+	1	3	Y.DLQPEM*SSAELTEK.L	19
PLOG+7144	proteomics_log	3784531	3784572	+	1	10	K.AVEALDHCVEEVAK.A	18
PLOG+7145	proteomics_log	3784720	3784824	+	1	5	K.AVEGGKLSDIAPTMLSLMGMEIPQEM*TGKPLFIVE.-	40
PLOG+7146	proteomics_log	3784720	3784824	+	1	187	K.AVEGGKLSDIAPTMLSLMGMEIPQEMTGKPLFIVE.-	39
PLOG+7147	proteomics_log	3784738	3784824	+	1	2	K.LSDIAPTMLSLMGMEIPQEM*TGKPLFIVE.-	34
PLOG+7148	proteomics_log	3784738	3784824	+	1	125	K.LSDIAPTMLSLMGMEIPQEMTGKPLFIVE.-	33
PLOG+7149	proteomics_log	3785206	3785238	+	1	2	R.SLAAQLDAAFR.Q	15
PLOG+7150	proteomics_log	3792010	3792060	+	1	23	V.MIIVTGGAGFIGSNIVK.A	21
PLOG+7151	proteomics_log	3792061	3792123	+	1	27	K.ALNDKGITDILVVDNLKDGTK.F	25
PLOG+7152	proteomics_log	3792076	3792123	+	1	12	K.GITDILVVDNLKDGTK.F	20
PLOG+7153	proteomics_log	3792331	3792378	+	1	90	R.EIPFLYASSAATYGGR.T	20
PLOG+7154	proteomics_log	3792379	3792402	+	1	40	R.TSDFIESR.E	12
PLOG+7155	proteomics_log	3792403	3792465	+	1	12	R.EYEKPLNVYGYSKFLFDEYVR.Q	25
PLOG+7156	proteomics_log	3792403	3792441	+	1	16	R.EYEKPLNVYGYSK.F	17
PLOG+7157	proteomics_log	3792442	3792465	+	1	104	K.FLFDEYVR.Q	12
PLOG+7158	proteomics_log	3792466	3792507	+	1	25	R.QILPEANSQIVGFR.Y	18
PLOG+7159	proteomics_log	3792508	3792531	+	1	11	R.YFNVYGPR.E	12
PLOG+7160	proteomics_log	3792637	3792726	+	1	3	R.DFVYVGDVADVNLWFLENGVSIGIFNLGTGR.A	34
PLOG+7161	proteomics_log	3792778	3792822	+	1	5	K.GQIEYIPFPDKLKGR.Y	19
PLOG+7162	proteomics_log	3792778	3792816	+	1	33	K.GQIEYIPFPDKLK.G	17
PLOG+7163	proteomics_log	3792823	3792861	+	1	67	R.YQAFQTADLTNLR.A	17
PLOG+7164	proteomics_log	3792862	3792888	+	1	5	R.AAGYDKPFK.T	13
PLOG+7165	proteomics_log	3792862	3792933	+	1	9	R.AAGYDKPFKTVAEGVTEYMAWLNLR.D	28
PLOG+7166	proteomics_log	3792862	3792939	+	1	132	R.AAGYDKPFKTVAEGVTEYMAWLNLRDA.-	30
PLOG+7167	proteomics_log	3792889	3792933	+	1	7	K.TVAEGVTEYMAWLNLR.D	19
PLOG+7168	proteomics_log	3792889	3792939	+	1	12	K.TVAEGVTEYMAWLNLRDA.-	21
PLOG+7169	proteomics_log	3793897	3793995	+	1	2	R.KGDAAEGYHQSLIDITPQRVLEELNALLLQEEA.-	37
PLOG+7170	proteomics_log	3793954	3793995	+	1	8	R.VLEELNALLLQEEA.-	18
PLOG+7171	proteomics_log	3795154	3795228	+	1	3	R.GRQENYNIKNLILPLSIFLIGLLDL.I	29
PLOG+7172	proteomics_log	3808169	3808246	+	2	2	R.HLMPELESVFLMPSKEWSFISSSLVK.E	30

PLOG+7173	proteomics_log	3811144	3811185	+	1	3	R.AAATQHNLEVLASR.G	18
PLOG+7174	proteomics_log	3811249	3811314	+	1	2	R.M*LDPLTIVDMAVAHFSPVNDLK.H	27
PLOG+7175	proteomics_log	3811249	3811314	+	1	3	R.MLDPLTIVDM*AVAHFSPVNDLK.H	27
PLOG+7176	proteomics_log	3811249	3811314	+	1	19	R.MLDPLTIVDMAVAHFSPVNDLK.H	26
PLOG+7177	proteomics_log	3811372	3811398	+	1	5	R.YISNHSSGK.M	13
PLOG+7178	proteomics_log	3811399	3811431	+	1	9	K.MGFAIAAAAAAR.R	15
PLOG+7179	proteomics_log	3811435	3811494	+	1	2	R.GANVTLVSGPVSLPTPPFVK.R	24
PLOG+7180	proteomics_log	3811906	3811971	+	1	4	R.KELLGQLLLDEIVTRYDEKNRR.-	26
PLOG+7181	proteomics_log	3811906	3811950	+	1	14	R.KELLGQLLLDEIVTR.Y	19
PLOG+7182	proteomics_log	3811906	3811962	+	1	40	R.KELLGQLLLDEIVTRYDEK.N	23
PLOG+7183	proteomics_log	3811909	3811950	+	1	21	K.ELLGQLLLDEIVTR.Y	18
PLOG+7184	proteomics_log	3811991	3812053	+	2	26	R.VGKEFPLPTYATSGSAGLDR.A	25
PLOG+7185	proteomics_log	3812054	3812164	+	2	6	R.ACLNDAVELAPGDTTLVPTGLAIHIADPSLAAMMLPR.S	41
PLOG+7186	proteomics_log	3812165	3812263	+	2	3	R.SGLGHKHGIVLGNLVGLIDSDYQGQLMISVWNR.G	37
PLOG+7187	proteomics_log	3812264	3812299	+	2	75	R.GQDSFTIQPGER.I	16
PLOG+7188	proteomics_log	3812300	3812404	+	2	4	R.IAQMIFVPVQAEFNLVEDFDATDRGEGGFHSGR.Q	39
PLOG+7189	proteomics_log	3812300	3812407	+	2	26	R.IAQM*IFVPVQAEFNLVEDFDATDRGEGGFHSGRQ.-	41
PLOG+7190	proteomics_log	3812300	3812407	+	2	103	R.IAQMIFVPVQAEFNLVEDFDATDRGEGGFHSGRQ.-	40
PLOG+7191	proteomics_log	3812544	3812609	+	3	3	R.NRREEILQSLALMLESSDGSQR.I	26
PLOG+7192	proteomics_log	3814789	3814827	+	1	4	R.YLETYFRLPEQFR.S	17
PLOG+7193	proteomics_log	3814987	3815031	+	1	3	K.M*QSDEGEINPVDILR.W	20
PLOG+7194	proteomics_log	3814987	3815031	+	1	39	K.QSDEGEINPVDILR.W	19
PLOG+7195	proteomics_log	3815032	3815133	+	1	2	R.WPGVMAAQEQDLDAIAAEILAALDGTLDFFIVAR.E	38
PLOG+7196	proteomics_log	3815032	3815157	+	1	3	R.WPGVMAAQEQDLDAIAAEILAALDGTLDFFIVARETEGQALK.A	46
PLOG+7197	proteomics_log	3815032	3815133	+	1	2	R.WPGVM*AAQEQDLDAIAAEILAALDGTLDFFIVAR.E	39
PLOG+7198	proteomics_log	3815158	3815211	+	1	5	K.ALIEQRLEGVTAEVVKVR.S	22
PLOG+7199	proteomics_log	3815176	3815211	+	1	16	R.LEGVTAEVVKVR.S	16
PLOG+7200	proteomics_log	3815251	3815331	+	1	29	R.LVAKLEDAQVQLENNRLEQELVLLAQR.I	31
PLOG+7201	proteomics_log	3815263	3815331	+	1	7	K.LEDAQVQLENNRLEQELVLLAQR.I	27
PLOG+7202	proteomics_log	3815332	3815403	+	1	7	R.IDVAEELDRLEAHVKETYNILKKK.E	28
PLOG+7203	proteomics_log	3815332	3815397	+	1	81	R.IDVAEELDRLEAHVKETYNILK.K	26
PLOG+7204	proteomics_log	3815419	3815475	+	1	5	R.RLDFMMQEFNRESNTLASK.S	23
PLOG+7205	proteomics_log	3815476	3815517	+	1	55	K.SINA EVTNSAIELK.V	18
PLOG+7206	proteomics_log	3819454	3819501	+	1	4	M.AQGTLIVSAPSGAGK.S	20
PLOG+7207	proteomics_log	3819454	3819528	+	1	4	M.AQGTLIVSAPSGAGKSSLIQALLK.T	29
PLOG+7208	proteomics_log	3819502	3819528	+	1	12	K.SSLIQALLK.T	13
PLOG+7209	proteomics_log	3819859	3819897	+	1	3	R.GRGQDSEEVIAKR.M	17
PLOG+7210	proteomics_log	3819865	3819897	+	1	2	R.GQDSEEVIAKR.M	15
PLOG+7211	proteomics_log	3819895	3820002	+	1	2	K.RMAQAVAEMSHYA EYDYLIVNDDFFDTALTDLKTIIR.A	40
PLOG+7212	proteomics_log	3819895	3819990	+	1	3	K.RMAQAVAEMSHYA EYDYLIVNDDFFDTALTDLK.T	36
PLOG+7213	proteomics_log	3819898	3820011	+	1	7	R.MAQAVAEMSHYA EYDYLIVNDDFFDTALTDLKTIIRAER.L	42
PLOG+7214	proteomics_log	3819898	3819990	+	1	14	R.MAQAVAEMSHYA EYDYLIVNDDFFDTALTDLK.T	35
PLOG+7215	proteomics_log	3819898	3820002	+	1	50	R.MAQAVAEMSHYA EYDYLIVNDDFFDTALTDLKTIIR.A	39
PLOG+7216	proteomics_log	3819901	3820002	+	1	2	M.AQAVAEMSHYA EYDYLIVNDDFFDTALTDLKTIIR.A	38
PLOG+7217	proteomics_log	3820132	3820203	+	1	19	M.ARVTVQDAVEKIGNRFDLVLVAAR.R	28
PLOG+7218	proteomics_log	3820132	3820164	+	1	20	M.ARVTVQDAVEK.I	15

PLOG+7219	proteomics_log	3820138	3820164	+	1	2	R.VTVQDAVEK.I	13
PLOG+7220	proteomics_log	3820165	3820203	+	1	13	K.IGNRFDLVLVAAR.R	17
PLOG+7221	proteomics_log	3820213	3820329	+	1	2	R.QM*QVGGKDPLVPEENDKTTVIALREIEEGLINNQILDVR.E	44
PLOG+7222	proteomics_log	3820213	3820329	+	1	5	R.QMQVGGKDPLVPEENDKTTVIALREIEEGLINNQILDVR.E	43
PLOG+7223	proteomics_log	3820213	3820284	+	1	66	R.QMQVGGKDPLVPEENDKTTVIALR.E	28
PLOG+7224	proteomics_log	3820285	3820329	+	1	76	R.EIEEGLINNQILDVR.E	19
PLOG+7225	proteomics_log	3820330	3820398	+	1	17	R.ERQEQEQEAAELQAVTAIAEGR.R	27
PLOG+7226	proteomics_log	3820330	3820401	+	1	22	R.ERQEQEQEAAELQAVTAIAEGRR.-	28
PLOG+7227	proteomics_log	3820336	3820398	+	1	31	R.QEQEQEAAELQAVTAIAEGR.R	25
PLOG+7228	proteomics_log	3820336	3820401	+	1	69	R.QEQEQEAAELQAVTAIAEGRR.-	26
PLOG+7229	proteomics_log	3821191	3821214	+	1	2	S.IMDIYAFR.V	12
PLOG+7230	proteomics_log	3821965	3822045	+	1	2	R.MKLATLDDLLAEIGLGNAMSVVAKNL.Q	31
PLOG+7231	proteomics_log	3823093	3823128	+	1	2	R.LLFEGGYPVLAK.V	16
PLOG+7232	proteomics_log	3846062	3846139	+	2	3	R.LSPYNQSSSRHASRNAQPLPSQWE.-	30
PLOG+7233	proteomics_log	3848837	3848857	+	2	13	K.HRDLVKH.R	11
PLOG+7234	proteomics_log	3865916	3865987	+	2	2	K.SLAILDMPFTAVMDTLLLPWDVFR.K	28
PLOG+7235	proteomics_log	3865916	3865990	+	2	4	K.SLAILDMPFTAVMDTLLLPWDVFRK.D	29
PLOG+7236	proteomics_log	3866118	3866150	+	3	2	A.AFHPRQPLTIR.R	15
PLOG+7237	proteomics_log	3866491	3866523	+	1	2	R.RCTTPRGGAGR.V	15
PLOG+7238	proteomics_log	3877532	3877576	+	2	2	R.RMETPELRNDNSRRR.F	19
PLOG+7239	proteomics_log	3880548	3880571	+	3	2	T.ERDRRLER.R	12
PLOG+7240	proteomics_log	3882359	3882394	+	2	17	A.MKRTFQPSVLKR.N	16
PLOG+7241	proteomics_log	3882368	3882394	+	2	34	R.TFQPSVLKR.N	13
PLOG+7242	proteomics_log	3882422	3882457	+	2	79	R.MATKNGRQVLAR.R	16
PLOG+7243	proteomics_log	3882549	3882629	+	3	2	R.LLTPSQFTFVFQPPQRAGTPQITILGR.L	31
PLOG+7244	proteomics_log	3882549	3882584	+	3	3	R.LLTPSQFTFVFQ.Q	16
PLOG+7245	proteomics_log	3882549	3882596	+	3	17	R.LLTPSQFTFVFQPPQR.A	20
PLOG+7246	proteomics_log	3882630	3882653	+	3	4	R.LNSLGHP.R	12
PLOG+7247	proteomics_log	3882738	3882785	+	3	4	R.LRQHELPAMDFVVAK.K	20
PLOG+7248	proteomics_log	3882786	3882812	+	3	2	K.KGVADLDNR.A	13
PLOG+7249	proteomics_log	3883291	3883323	+	1	11	K.TDVLDTINTR.G	15
PLOG+7250	proteomics_log	3883366	3883449	+	1	14	K.ELNSTQPFQLLETSPQFIYQAQSGLTGR.D	32
PLOG+7251	proteomics_log	3883504	3883587	+	1	7	K.DAYVLAEGQNELQVPM*TYTDAAGNTFTK.T	33
PLOG+7252	proteomics_log	3885193	3885276	+	1	33	R.AFLNDKLDLAQAEAIADLIDASSEQAAR.S	32
PLOG+7253	proteomics_log	3885277	3885315	+	1	8	R.SALNSLQGAFSAR.V	17
PLOG+7254	proteomics_log	3885316	3885351	+	1	4	R.VNHLVEALTHLR.I	16
PLOG+7255	proteomics_log	3886024	3886071	+	1	4	R.HLQALEQAAEHLQQGK.A	20
PLOG+7256	proteomics_log	3886072	3886122	+	1	6	K.AQLLGAWAGELLAELR.L	21
PLOG+7257	proteomics_log	3886072	3886185	+	1	6	K.AQLLGAWAGELLAELRLAQQLNSEITGEFTSDDLGR.I	42
PLOG+7258	proteomics_log	3886123	3886185	+	1	2	R.LAQQLNSEITGEFTSDDLGR.I	25
PLOG+7259	proteomics_log	3886852	3886959	+	1	10	K.SGMNPFLLDSEDFIDLLTDSGTGAVTQSMQAAMMR.G	40
PLOG+7260	proteomics_log	3886960	3886986	+	1	2	R.GDEAYSGSR.S	13
PLOG+7261	proteomics_log	3887287	3887385	+	1	2	R.GIEEVGPNNVPIYIVATITSNSAGGQPVSLANLK.A	37
PLOG+7262	proteomics_log	3892678	3892749	+	1	3	M.SEKLQVVTLLGSLRKGSFNGM*VAR.T	29
PLOG+7263	proteomics_log	3892678	3892722	+	1	16	M.SEKLQVVTLLGSLRK.G	19
PLOG+7264	proteomics_log	3892678	3892719	+	1	65	M.SEKLQVVTLLGSLR.K	18

PLOG+7265	proteomics_log	3892687	3892719	+	1	15	K.LQVVTLGSLR.K	15
PLOG+7266	proteomics_log	3892720	3892749	+	1	3	R.KGSFNGMVAR.T	14
PLOG+7267	proteomics_log	3892762	3892887	+	1	3	K.IAPASM*EVNALPSIADIPLYDADVQEEGFPATVEALAEQIR.Q	47
PLOG+7268	proteomics_log	3892888	3892974	+	1	2	R.QADGVVIVTPEYNYSVPGGLKNAIDWLSR.L	33
PLOG+7269	proteomics_log	3892975	3893049	+	1	26	R.LPDQPLAGKPVLIQTSSMGVIGGAR.C	29
PLOG+7270	proteomics_log	3893140	3893229	+	1	7	K.VDPQTGEVIDQGTLDHLTGQLTAFGEFIQR.V	34
PLOG+7271	proteomics_log	3925178	3925207	+	2	7	K.MKTAYIAKQR.Q	14
PLOG+7272	proteomics_log	3925256	3925294	+	2	105	R.LGLIEVQAPILSR.V	17
PLOG+7273	proteomics_log	3925295	3925336	+	2	5	R.VGDGTQDNLSGCEK.A	18
PLOG+7274	proteomics_log	3925352	3925402	+	2	9	K.VKALPDAQFEVVHSLAK.W	21
PLOG+7275	proteomics_log	3925358	3925402	+	2	63	K.ALPDAQFEVVHSLAK.W	19
PLOG+7276	proteomics_log	3925412	3925468	+	2	3	R.QLTGQHDFHSAGEGLYTHMK.A	23
PLOG+7277	proteomics_log	3925469	3925540	+	2	20	K.ALRPDEDRLSPLHSVYVDQWDWER.V	28
PLOG+7278	proteomics_log	3925541	3925612	+	2	2	R.VMGDGERQFSTLKSTVEAIWAGIK.A	28
PLOG+7279	proteomics_log	3925580	3925612	+	2	4	K.STVEAIWAGIK.A	15
PLOG+7280	proteomics_log	3925718	3925789	+	2	2	L.DAKGRERAIKDLGAVFLVGIGGK.L	28
PLOG+7281	proteomics_log	3925739	3925789	+	2	42	R.AIAKDLGAVFLVGIGGK.L	21
PLOG+7282	proteomics_log	3925751	3925789	+	2	3	K.DLGAVFLVGIGGK.L	17
PLOG+7283	proteomics_log	3925820	3925942	+	2	16	R.APDYDDWSTPSELGHAGLNGDILVWNPVLEDAFELSSMGIR.V	45
PLOG+7284	proteomics_log	3926914	3926964	+	1	2	R.KVSICASLRGIDLASRE.R	21
PLOG+7285	proteomics_log	3929897	3929923	+	2	3	R.SIIANPEVL.H	13
PLOG+7286	proteomics_log	3931374	3931424	+	3	4	K.M*KKGTVLNSDISSVISR.L	22
PLOG+7287	proteomics_log	3931374	3931424	+	3	22	K.MKKGTVLNSDISSVISR.L	21
PLOG+7288	proteomics_log	3931680	3931736	+	3	2	R.YTTHEQFKQQTAESEQAVIR.S	23
PLOG+7289	proteomics_log	3932222	3932263	+	2	2	A.IFPSVTSKWLKSPK.C	18
PLOG+7290	proteomics_log	3934340	3934435	+	2	7	V.ALSATVSANAM*AKDTIALVVSTLNNPFFVSLK.D	37
PLOG+7291	proteomics_log	3934376	3934510	+	2	2	A.KDTIALVVSTLNNPFFVSLKDGAQKEADKLGYNLVVLD SQNNPAK.E	49
PLOG+7292	proteomics_log	3934376	3934435	+	2	80	A.KDTIALVVSTLNNPFFVSLK.D	24
PLOG+7293	proteomics_log	3934376	3934450	+	2	120	A.KDTIALVVSTLNNPFFVSLKDGAQK.E	29
PLOG+7294	proteomics_log	3934448	3934552	+	2	15	Q.KEADKLGYNLVVLD SQNNPAKELANVQDLTVRGTK.I	39
PLOG+7295	proteomics_log	3934451	3934543	+	2	19	K.EADKLGYNLVVLD SQNNPAKELANVQDLTVR.G	35
PLOG+7296	proteomics_log	3934511	3934543	+	2	17	K.ELANVQDLTVR.G	15
PLOG+7297	proteomics_log	3934553	3934645	+	2	74	K.ILLINPTDSDAVGNAV KMANQANIPVITLDR.Q	35
PLOG+7298	proteomics_log	3934553	3934603	+	2	217	K.ILLINPTDSDAVGNAV K.M	21
PLOG+7299	proteomics_log	3934604	3934645	+	2	5	K.M*ANQANIPVITLDR.Q	19
PLOG+7300	proteomics_log	3934604	3934645	+	2	144	K.MANQANIPVITLDR.Q	18
PLOG+7301	proteomics_log	3934604	3934705	+	2	5	K.MANQANIPVITLDRQATKGEVVSHIASDNVLGGK.I	38
PLOG+7302	proteomics_log	3934646	3934729	+	2	5	R.QATKGEVVSHIASDNVLGGKIAGDYIAK.K	32
PLOG+7303	proteomics_log	3934646	3934705	+	2	36	R.QATKGEVVSHIASDNVLGGK.I	24
PLOG+7304	proteomics_log	3934658	3934705	+	2	11	K.GEVVSHIASDNVLGGK.I	20
PLOG+7305	proteomics_log	3934706	3934732	+	2	9	K.IAGDYIAKK.A	13
PLOG+7306	proteomics_log	3934706	3934750	+	2	69	K.IAGDYIAKKAGEGAK.V	19
PLOG+7307	proteomics_log	3934730	3934798	+	2	5	K.KAGEGAKVIELQGIAGTSAARER.G	27
PLOG+7308	proteomics_log	3934730	3934792	+	2	7	K.KAGEGAKVIELQGIAGTSAAR.E	25
PLOG+7309	proteomics_log	3934751	3934792	+	2	132	K.VIELQGIAGTSAAR.E	18
PLOG+7310	proteomics_log	3934793	3934834	+	2	4	R.EREGGFQQA VAAHK.F	18

PLOG+7311	proteomics_log	3934793	3934873	+	2	8	R.EREGEFQQAVAAHKFNVLASQPADFDR.I	31
PLOG+7312	proteomics_log	3934793	3934879	+	2	10	R.EREGEFQQAVAAHKFNVLASQPADFDRIK.G	33
PLOG+7313	proteomics_log	3934799	3934834	+	2	9	R.GEGFQQAVAAHK.F	16
PLOG+7314	proteomics_log	3934799	3934879	+	2	52	R.GEGFQQAVAAHKFNVLASQPADFDRIK.G	31
PLOG+7315	proteomics_log	3934799	3934873	+	2	58	R.GEGFQQAVAAHKFNVLASQPADFDR.I	29
PLOG+7316	proteomics_log	3934835	3934873	+	2	5	K.FNVLASQPADFDR.I	17
PLOG+7317	proteomics_log	3934874	3934972	+	2	2	R.IKGLNVM*QNLLTAHPDVQAVFAQNDEM*ALGALR.A	39
PLOG+7318	proteomics_log	3934874	3934972	+	2	83	R.IKGLNVMQNLLTAHPDVQAVFAQNDEMALGALR.A	37
PLOG+7319	proteomics_log	3934880	3934972	+	2	5	K.GLNVM*QNLLTAHPDVQAVFAQNDEM*ALGALR.A	37
PLOG+7320	proteomics_log	3934880	3934972	+	2	11	K.GLNVMQNLLTAHPDVQAVFAQNDEM*ALGALR.A	36
PLOG+7321	proteomics_log	3934880	3934972	+	2	59	K.GLNVMQNLLTAHPDVQAVFAQNDEMALGALR.A	35
PLOG+7322	proteomics_log	3934994	3935041	+	2	2	K.SDVM*VVGFDGTPDGEK.A	21
PLOG+7323	proteomics_log	3934994	3935041	+	2	5	K.SDVMVVGFDGTPDGEK.A	20
PLOG+7324	proteomics_log	3934994	3935104	+	2	5	K.SDVMVVGFDGTPDGEKAVNDGKLAATIAQLPDQIGAK.G	41
PLOG+7325	proteomics_log	3935042	3935104	+	2	4	K.AVNDGKLAATIAQLPDQIGAK.G	25
PLOG+7326	proteomics_log	3935060	3935104	+	2	32	K.LAATIAQLPDQIGAK.G	19
PLOG+7327	proteomics_log	3935105	3935155	+	2	2	K.GVETADKVLKGEKVQAK.Y	21
PLOG+7328	proteomics_log	3935105	3935188	+	2	7	K.GVETADKVLKGEKVQAKYPVDLKLVVQK.-	32
PLOG+7329	proteomics_log	3935105	3935173	+	2	17	K.GVETADKVLKGEKVQAKYPVDLK.L	27
PLOG+7330	proteomics_log	3935105	3935143	+	2	30	K.GVETADKVLKGEK.V	17
PLOG+7331	proteomics_log	3935144	3935173	+	2	7	K.VQAKYPVDLK.L	14
PLOG+7332	proteomics_log	3935144	3935188	+	2	22	K.VQAKYPVDLKLVVQK.-	19
PLOG+7333	proteomics_log	3935156	3935188	+	2	2	K.YPVDLKLVVQK.-	15
PLOG+7334	proteomics_log	3935446	3935475	+	1	24	K.GANQAVAAGR.S	14
PLOG+7335	proteomics_log	3935710	3935778	+	1	8	R.IANASALLM*QLESPLSVMAAAK.I	28
PLOG+7336	proteomics_log	3935710	3935778	+	1	110	R.IANASALLMQLESPLSVMAAAK.I	27
PLOG+7337	proteomics_log	3936049	3936144	+	1	5	R.VQAVDTIAAGDTFNGALITALLEEKPLPEAIR.F	36
PLOG+7338	proteomics_log	3936181	3936243	+	1	2	R.KGAQSPVPWREEIDAFDRQR.-	25
PLOG+7339	proteomics_log	3937959	3938006	+	3	2	I.QLATIFSPNSSIPLEK.R	20
PLOG+7340	proteomics_log	3938139	3938189	+	3	2	I.QCQVAQVTSTPPRTGPK.I	21
PLOG+7341	proteomics_log	3946112	3946138	+	2	20	M.AESFTTTNR.Y	13
PLOG+7342	proteomics_log	3946112	3946165	+	2	101	M.AESFTTTNRYFDNKHYPR.G	22
PLOG+7343	proteomics_log	3946139	3946165	+	2	6	R.YFDNKHYPR.G	13
PLOG+7344	proteomics_log	3946166	3946219	+	2	3	R.GFSRHGDFTIKEAQLLER.H	22
PLOG+7345	proteomics_log	3946178	3946219	+	2	213	R.HGDFTIKEAQLLER.H	18
PLOG+7346	proteomics_log	3946220	3946258	+	2	3	R.HGYAFNELDLGKR.E	17
PLOG+7347	proteomics_log	3946220	3946255	+	2	6	R.HGYAFNELDLGK.R	16
PLOG+7348	proteomics_log	3946220	3946282	+	2	6	R.HGYAFNELDLGKREPVEEEK.L	25
PLOG+7349	proteomics_log	3946220	3946306	+	2	35	R.HGYAFNELDLGKREPVEEEKLFVAVCRG.E	33
PLOG+7350	proteomics_log	3946304	3946348	+	2	9	R.GEREPVTEAERVWSK.Y	19
PLOG+7351	proteomics_log	3946304	3946336	+	2	40	R.GEREPVTEAER.V	15
PLOG+7352	proteomics_log	3946376	3946444	+	2	28	K.RFHTLSGGKPKQVEGAEDYTDSDD.-	27
PLOG+7353	proteomics_log	3948952	3948990	+	1	2	K.HSFLVQSLEELPR.I	17
PLOG+7354	proteomics_log	3950519	3950557	+	2	3	K.KADYIWFNGEMVR.W	17
PLOG+7355	proteomics_log	3950573	3950629	+	2	2	K.VHVM*SHALHYGTSVFEGIR.C	24
PLOG+7356	proteomics_log	3950573	3950629	+	2	14	K.VHVM*SHALHYGTSVFEGIR.C	23



PLOG+7357	proteomics_log	3950954	3951034	+	2	4	R.AAPNTIPTAAKAGGNYLSSLLVGSEAR.R	31
PLOG+7358	proteomics_log	3950954	3950986	+	2	5	R.AAPNTIPTAAK.A	15
PLOG+7359	proteomics_log	3950987	3951037	+	2	5	K.AGGNYLSSLLVGSEARR.H	21
PLOG+7360	proteomics_log	3950987	3951034	+	2	140	K.AGGNYLSSLLVGSEAR.R	20
PLOG+7361	proteomics_log	3951092	3951175	+	2	7	G.AGENLFEVKDGVLFPPFTSSALPGITR.D	32
PLOG+7362	proteomics_log	3951119	3951175	+	2	53	K.DGVLFPPFTSSALPGITR.D	23
PLOG+7363	proteomics_log	3951176	3951220	+	2	26	R.DAIIKLAKELGIEVR.E	19
PLOG+7364	proteomics_log	3951176	3951238	+	2	96	R.DAIIKLAKELGIEVREQVLSR.E	25
PLOG+7365	proteomics_log	3951191	3951220	+	2	5	K.LAKELGIEVR.E	14
PLOG+7366	proteomics_log	3951200	3951238	+	2	2	K.ELGIEVREQVLSR.E	17
PLOG+7367	proteomics_log	3951239	3951337	+	2	5	R.ESLYLADEVFMSGTAAEITPVRSVDGIQVGEGR.C	37
PLOG+7368	proteomics_log	3951305	3951337	+	2	72	R.SVDGIQVGEGR.C	15
PLOG+7369	proteomics_log	3951356	3951433	+	2	9	K.RIQQAFFGLFTGETEDKVGWLDQVNVQ.-	30
PLOG+7370	proteomics_log	3951359	3951433	+	2	5	R.IQQAFFGLFTGETEDKVGWLDQVNVQ.-	29
PLOG+7371	proteomics_log	3951570	3951662	+	3	7	R.ATGM*TDADFGKPIIAVVNSFTQFVPGHVHLR.D	36
PLOG+7372	proteomics_log	3951570	3951662	+	3	52	R.ATGMDADFGKPIIAVVNSFTQFVPGHVHLR.D	35
PLOG+7373	proteomics_log	3951906	3951956	+	3	4	R.LNIPVIFVSGGPMEAGK.T	21
PLOG+7374	proteomics_log	3951963	3952025	+	3	6	K.LSDQIIKLDLVDAMIQGADPK.V	25
PLOG+7375	proteomics_log	3952026	3952058	+	3	108	K.VSDSQSDQVER.S	15
PLOG+7376	proteomics_log	3952062	3952184	+	3	4	S.ACPTCGSCSGMFTANSMNCLTEALGLSQPGNGSLLATHADR.K	45
PLOG+7377	proteomics_log	3952236	3952271	+	3	19	R.YEQNDESALPR.N	16
PLOG+7378	proteomics_log	3952287	3952418	+	3	3	K.AAFENAMTLDIAMGGSTNTVLHLLAAQAEIDFTMSDIDKLSR.K	48
PLOG+7379	proteomics_log	3952461	3952484	+	3	3	K.YHMEDVHR.A	12
PLOG+7380	proteomics_log	3952485	3952541	+	3	7	R.AGGVIGILGELDRAGLLNR.D	23
PLOG+7381	proteomics_log	3952485	3952550	+	3	22	R.AGGVIGILGELDRAGLLNRDVK.N	26
PLOG+7382	proteomics_log	3952485	3952523	+	3	81	R.AGGVIGILGELDR.A	17
PLOG+7383	proteomics_log	3952551	3952637	+	3	7	K.NVLGLTLPQTLEQYDVMLTQDDAVKNMFR.A	33
PLOG+7384	proteomics_log	3952551	3952625	+	3	8	K.NVLGLTLPQTLEQYDVMLTQDDAVK.N	29
PLOG+7385	proteomics_log	3952659	3952688	+	3	2	R.TTQAFSQDCR.W	14
PLOG+7386	proteomics_log	3952812	3952859	+	3	2	K.TAGVDDSIKFTGPAK.V	20
PLOG+7387	proteomics_log	3952812	3952841	+	3	4	K.TAGVDDSIK.F	14
PLOG+7388	proteomics_log	3952860	3952907	+	3	12	K.VYESQDDAVEAILGGK.V	20
PLOG+7389	proteomics_log	3952953	3953000	+	3	34	K.GGPGMQEMLYPTSFLK.S	20
PLOG+7390	proteomics_log	3953283	3953315	+	3	2	R.AYASLATSADK.G	15
PLOG+7391	proteomics_log	3953283	3953327	+	3	2	R.AYASLATSADKGAVR.D	19
PLOG+7392	proteomics_log	3953283	3953339	+	3	4	R.AYASLATSADKGAVRDKSK.L	23
PLOG+7393	proteomics_log	3953283	3953348	+	3	18	R.AYASLATSADKGAVRDKSKLGG.-	26
PLOG+7394	proteomics_log	3953357	3953407	+	2	5	M.ADSQPLSGAPEGAEYLR.A	21
PLOG+7395	proteomics_log	3953408	3953461	+	2	2	R.AVLRAPVYEAQVTPQLK.M	22
PLOG+7396	proteomics_log	3953894	3953956	+	2	3	L.DRVFVPGGGGLAAGVAVLIK.Q	25
PLOG+7397	proteomics_log	3955996	3956055	+	1	6	M.ANYFNTLNLRQQLAQLGKCR.F	24
PLOG+7398	proteomics_log	3955996	3956025	+	1	196	M.ANYFNTLNLR.Q	14
PLOG+7399	proteomics_log	3955996	3956049	+	1	206	M.ANYFNTLNLRQQLAQLGK.C	22
PLOG+7400	proteomics_log	3956008	3956049	+	1	4	F.NTLNLRQQLAQLGK.C	18
PLOG+7401	proteomics_log	3956011	3956049	+	1	2	N.TLNLRQQLAQLGK.C	17
PLOG+7402	proteomics_log	3956026	3956049	+	1	12	R.QQLAQLGK.C	12

PLOG+7403	proteomics_log	3956056	3956097	+	1	3	R.FMGRDEFADGASYL.Q	18
PLOG+7404	proteomics_log	3956056	3956124	+	1	4	R.FMGRDEFADGASYLQGKKVVIVG.C	27
PLOG+7405	proteomics_log	3956056	3956109	+	1	9	R.FM*GRDEFADGASYLQGKK.V	23
PLOG+7406	proteomics_log	3956056	3956106	+	1	31	R.FM*GRDEFADGASYLQGK.K	22
PLOG+7407	proteomics_log	3956056	3956109	+	1	159	R.FMGRDEFADGASYLQGKK.V	22
PLOG+7408	proteomics_log	3956056	3956106	+	1	476	R.FMGRDEFADGASYLQGK.K	21
PLOG+7409	proteomics_log	3956068	3956109	+	1	12	R.DEFADGASYLQGKK.V	18
PLOG+7410	proteomics_log	3956068	3956106	+	1	142	R.DEFADGASYLQGK.K	17
PLOG+7411	proteomics_log	3956107	3956199	+	1	4	K.KVVIVGCGAQGLNQGLNMRDGLDISYALRK.E	35
PLOG+7412	proteomics_log	3956107	3956163	+	1	13	K.KVVIVGCGAQGLNQGLNMR.D	23
PLOG+7413	proteomics_log	3956110	3956199	+	1	3	K.VVIVGCGAQGLNQGLNMRDGLDISYALRK.E	34
PLOG+7414	proteomics_log	3956110	3956163	+	1	5	K.VVIVGCGAQGLNQGLNMR.D	22
PLOG+7415	proteomics_log	3956164	3956190	+	1	2	R.DSGLDISYA.L	13
PLOG+7416	proteomics_log	3956164	3956217	+	1	2	R.DSGLDISYALRKEAIAEK.R	22
PLOG+7417	proteomics_log	3956164	3956199	+	1	70	R.DSGLDISYALRK.E	16
PLOG+7418	proteomics_log	3956164	3956196	+	1	86	R.DSGLDISYALR.K	15
PLOG+7419	proteomics_log	3956164	3956220	+	1	90	R.DSGLDISYALRKEAIAEKR.A	23
PLOG+7420	proteomics_log	3956188	3956220	+	1	8	Y.ALKKEAIAEKR.A	15
PLOG+7421	proteomics_log	3956197	3956220	+	1	12	R.KEAIAEKR.A	12
PLOG+7422	proteomics_log	3956200	3956220	+	1	2	K.EAIAEKR.A	11
PLOG+7423	proteomics_log	3956221	3956340	+	1	2	R.ASWRKATENGFKVGTYEELIPQADLVINLTPDKQHSDVVR.T	44
PLOG+7424	proteomics_log	3956233	3956256	+	1	25	R.KATENGFK.V	12
PLOG+7425	proteomics_log	3956233	3956340	+	1	185	R.KATENGFKVGTYEELIPQADLVINLTPDKQHSDVVR.T	40
PLOG+7426	proteomics_log	3956236	3956340	+	1	94	K.ATENGFKVGTYEELIPQADLVINLTPDKQHSDVVR.T	39
PLOG+7427	proteomics_log	3956257	3956340	+	1	155	K.VGTYEELIPQADLVINLTPDKQHSDVVR.T	32
PLOG+7428	proteomics_log	3956281	3956340	+	1	2	I.PQADLVINLTPDKQHSDVVR.T	24
PLOG+7429	proteomics_log	3956341	3956361	+	1	7	R.TVQPLMK.D	11
PLOG+7430	proteomics_log	3956341	3956424	+	1	10	R.TVQPLM*KDGAALGYSHGFNIVEVGEQIR.K	33
PLOG+7431	proteomics_log	3956341	3956427	+	1	18	R.TVQPLM*KDGAALGYSHGFNIVEVGEQIRK.D	34
PLOG+7432	proteomics_log	3956341	3956457	+	1	19	R.TVQPLM*KDGAALGYSHGFNIVEVGEQIRK DITVVM*VAPK.C	45
PLOG+7433	proteomics_log	3956341	3956457	+	1	30	R.TVQPLM*KDGAALGYSHGFNIVEVGEQIRK DITVVMVAPK.C	44
PLOG+7434	proteomics_log	3956341	3956424	+	1	208	R.TVQPLMKDGAALGYSHGFNIVEVGEQIR.K	32
PLOG+7435	proteomics_log	3956341	3956427	+	1	223	R.TVQPLMKDGAALGYSHGFNIVEVGEQIRK.D	33
PLOG+7436	proteomics_log	3956341	3956457	+	1	249	R.TVQPLMKDGAALGYSHGFNIVEVGEQIRK DITVVMVAPK.C	43
PLOG+7437	proteomics_log	3956362	3956457	+	1	14	K.DGAALGYSHGFNIVEVGEQIRK DITVVM*VAPK.C	37
PLOG+7438	proteomics_log	3956362	3956412	+	1	37	K.DGAALGYSHGFNIVEVG.E	21
PLOG+7439	proteomics_log	3956362	3956424	+	1	39	K.DGAALGYSHGFNIVEVGEQIR.K	25
PLOG+7440	proteomics_log	3956362	3956427	+	1	131	K.DGAALGYSHGFNIVEVGEQIRK.D	26
PLOG+7441	proteomics_log	3956362	3956457	+	1	205	K.DGAALGYSHGFNIVEVGEQIRK DITVVMVAPK.C	36
PLOG+7442	proteomics_log	3956425	3956457	+	1	7	R.KDITVVM*VAPK.C	16
PLOG+7443	proteomics_log	3956425	3956457	+	1	134	R.KDITVVMVAPK.C	15
PLOG+7444	proteomics_log	3956428	3956457	+	1	19	K.DITVVM*VAPK.C	15
PLOG+7445	proteomics_log	3956428	3956457	+	1	208	K.DITVVMVAPK.C	14
PLOG+7446	proteomics_log	3956461	3956493	+	1	2	C.PGTEVREEYKR.G	15
PLOG+7447	proteomics_log	3956494	3956598	+	1	2	R.GFGVPTLIAVHPENDPKGEGM*AIKAWAAATGGHR.A	40
PLOG+7448	proteomics_log	3956494	3956568	+	1	9	R.GFGVPTLIAVHPENDPKGEGM*AIK.A	30

PLOG+7449	proteomics_log	3956494	3956598	+	1	37	R.GFGVPTLIAVHPENDPKGEGMAIAKAWAAATGGHR.A	39
PLOG+7450	proteomics_log	3956494	3956544	+	1	52	R.GFGVPTLIAVHPENDPK.G	21
PLOG+7451	proteomics_log	3956494	3956568	+	1	212	R.GFGVPTLIAVHPENDPKGEGMAIAK.A	29
PLOG+7452	proteomics_log	3956506	3956568	+	1	10	V.PTLIAVHPENDPKGEGMAIAK.A	25
PLOG+7453	proteomics_log	3956569	3956637	+	1	72	K.AWAAATGGHRAGVLESSFVAEVK.S	27
PLOG+7454	proteomics_log	3956569	3956598	+	1	150	K.AWAAATGGHR.A	14
PLOG+7455	proteomics_log	3956599	3956637	+	1	206	R.AGVLESSFVAEVK.S	17
PLOG+7456	proteomics_log	3956638	3956748	+	1	2	K.SDLMGEQTILCGMLQAGSLLCFDKLVEEGTDPAYAEK.L	41
PLOG+7457	proteomics_log	3956710	3956790	+	1	6	K.LVEEGTDPAYAEKLIQFGWETITEALK.Q	31
PLOG+7458	proteomics_log	3956710	3956748	+	1	9	K.LVEEGTDPAYAEK.L	17
PLOG+7459	proteomics_log	3956710	3956820	+	1	9	K.LVEEGTDPAYAEKLIQFGWETITEALKQGGITLMMDR.L	41
PLOG+7460	proteomics_log	3956731	3956820	+	1	4	D.PAYAEKLIQFGWETITEALKQGGITLMMDR.L	34
PLOG+7461	proteomics_log	3956749	3956796	+	1	2	K.LIQFGWETITEALKQG.G	20
PLOG+7462	proteomics_log	3956749	3956820	+	1	2	K.LIQFGWETITEALKQGGITLM*M*DR.L	30
PLOG+7463	proteomics_log	3956749	3956844	+	1	11	K.LIQFGWETITEALKQGGITLMMDRLSNPAKLR.A	36
PLOG+7464	proteomics_log	3956749	3956838	+	1	24	K.LIQFGWETITEALKQGGITLMMDRLSNPAK.L	34
PLOG+7465	proteomics_log	3956749	3956790	+	1	52	K.LIQFGWETITEALK.Q	18
PLOG+7466	proteomics_log	3956749	3956820	+	1	153	K.LIQFGWETITEALKQGGITLMMDR.L	28
PLOG+7467	proteomics_log	3956791	3956820	+	1	15	K.QGGITLMMDR.L	14
PLOG+7468	proteomics_log	3956818	3956898	+	1	2	D.RLSNPAKLRAYALSEQLKEIMAPLFQK.H	31
PLOG+7469	proteomics_log	3956821	3956898	+	1	4	R.LSNPAKLRAYALSEQLKEIMAPLFQK.H	30
PLOG+7470	proteomics_log	3956839	3956898	+	1	2	K.LRAYALSEQLKEIM*APLFQK.H	25
PLOG+7471	proteomics_log	3956839	3956898	+	1	57	K.LRAYALSEQLKEIMAPLFQK.H	24
PLOG+7472	proteomics_log	3956845	3956898	+	1	11	R.AYALSEQLKEIM*APLFQK.H	23
PLOG+7473	proteomics_log	3956845	3956898	+	1	319	R.AYALSEQLKEIMAPLFQK.H	22
PLOG+7474	proteomics_log	3956851	3956898	+	1	2	Y.ALSEQLKEIMAPLFQK.H	20
PLOG+7475	proteomics_log	3956899	3956970	+	1	33	K.HMDDIISGEFSSGMMADWANDDKK.L	28
PLOG+7476	proteomics_log	3956971	3957000	+	1	35	K.LLTWREETGK.T	14
PLOG+7477	proteomics_log	3956971	3957036	+	1	42	K.LLTWREETGKTAFETAPQYEGK.I	26
PLOG+7478	proteomics_log	3956986	3957036	+	1	7	R.EETGKTAFETAPQYEGK.I	21
PLOG+7479	proteomics_log	3957001	3957090	+	1	5	K.TAFETAPQYEGKIGEYFDKGVLMIAMVK.A	34
PLOG+7480	proteomics_log	3957001	3957036	+	1	45	K.TAFETAPQYEGK.I	16
PLOG+7481	proteomics_log	3957037	3957159	+	1	2	K.IGEQEYFDKGVLMIAMVKAGVELAFETMVDSGIIIESAYYE.S	45
PLOG+7482	proteomics_log	3957037	3957090	+	1	8	K.IGEQEYFDKGVLMIAM*VK.A	23
PLOG+7483	proteomics_log	3957037	3957090	+	1	8	K.IGEQEYFDKGVLM*IAM*VK.A	24
PLOG+7484	proteomics_log	3957037	3957090	+	1	305	K.IGEQEYFDKGVLMIAMVK.A	22
PLOG+7485	proteomics_log	3957064	3957090	+	1	3	K.GVLMIAMVK.A	13
PLOG+7486	proteomics_log	3957091	3957207	+	1	4	K.AGVELAFETMVDSGIIIESAYYESLHELPLIANTIAKR.L	43
PLOG+7487	proteomics_log	3957091	3957204	+	1	14	K.AGVELAFETMVDSGIIIESAYYESLHELPLIANTIAKR.R	42
PLOG+7488	proteomics_log	3957091	3957201	+	1	15	K.AGVELAFETM*VDSGIIIESAYYESLHELPLIANTIAK.K	42
PLOG+7489	proteomics_log	3957091	3957201	+	1	665	K.AGVELAFETMVDSGIIIESAYYESLHELPLIANTIAK.K	41
PLOG+7490	proteomics_log	3957208	3957330	+	1	4	R.LYEMNVVISDTAEYGNLFSYACVPLLKPFMAELQPGDLGK.A	45
PLOG+7491	proteomics_log	3957277	3957330	+	1	12	C.VPLLKPFMAELQPGDLGK.A	22
PLOG+7492	proteomics_log	3957331	3957426	+	1	5	K.AIPEGAVDNGQLRDVNEAIRSHAIEQVGKLR.G	36
PLOG+7493	proteomics_log	3957331	3957420	+	1	36	K.AIPEGAVDNGQLRDVNEAIRSHAIEQVGK.L	34
PLOG+7494	proteomics_log	3957331	3957417	+	1	60	K.AIPEGAVDNGQLRDVNEAIRSHAIEQVGK.K	33

PLOG+7495	proteomics_log	3957331	3957369	+	1	130	K.AIPEGAVDNGQLR.D	17
PLOG+7496	proteomics_log	3957331	3957390	+	1	164	K.AIPEGAVDNGQLRDVNEAIR.S	24
PLOG+7497	proteomics_log	3957337	3957369	+	1	7	I.PEGAVDNGQLR.D	15
PLOG+7498	proteomics_log	3957370	3957420	+	1	2	R.DVNEAIRSHAIEQVGKK.L	21
PLOG+7499	proteomics_log	3957370	3957417	+	1	4	R.DVNEAIRSHAIEQVGK.K	20
PLOG+7500	proteomics_log	3957370	3957426	+	1	14	R.DVNEAIRSHAIEQVGKKLR.G	23
PLOG+7501	proteomics_log	3957370	3957390	+	1	61	R.DVNEAIR.S	11
PLOG+7502	proteomics_log	3957391	3957450	+	1	2	R.SHAIEQVGKKLRGYMTDMKR.I	24
PLOG+7503	proteomics_log	3957391	3957426	+	1	191	R.SHAIEQVGKKLR.G	16
PLOG+7504	proteomics_log	3957391	3957417	+	1	202	R.SHAIEQVGK.K	13
PLOG+7505	proteomics_log	3957391	3957420	+	1	315	R.SHAIEQVGKK.L	14
PLOG+7506	proteomics_log	3957418	3957447	+	1	2	K.KLRGYMTDMK.R	14
PLOG+7507	proteomics_log	3957418	3957450	+	1	11	K.KLRGYMTDMKR.I	15
PLOG+7508	proteomics_log	3957421	3957450	+	1	21	K.LRGYMTDMKR.I	14
PLOG+7509	proteomics_log	3957427	3957447	+	1	3	R.GYMTDMK.R	11
PLOG+7510	proteomics_log	3957427	3957450	+	1	70	R.GYMTDMKR.I	12
PLOG+7511	proteomics_log	3963787	3963894	+	1	2	M.SDKIIHLTDDSFDTDVLKADGAILVDFWAEWCGPCK.M	40
PLOG+7512	proteomics_log	3963787	3963840	+	1	77	M.SDKIIHLTDDSFDTDVLK.A	22
PLOG+7513	proteomics_log	3963796	3963840	+	1	5	K.IIHLTDDSFDTDVLK.A	19
PLOG+7514	proteomics_log	3963895	3964005	+	1	2	K.MIAPILDEIADEYQGKLTVAKLNIDQNPGTAPKYGIR.G	41
PLOG+7515	proteomics_log	3963895	3963957	+	1	10	K.MIAPILDEIADEYQGKLTVAK.L	25
PLOG+7516	proteomics_log	3963895	3963993	+	1	48	K.MIAPILDEIADEYQGKLTVAKLNIDQNPGTAPK.Y	37
PLOG+7517	proteomics_log	3963895	3963942	+	1	61	K.MIAPILDEIADEYQGK.L	20
PLOG+7518	proteomics_log	3963943	3963993	+	1	2	K.LTVAKLNIDQNPGTAPK.Y	21
PLOG+7519	proteomics_log	3963958	3963993	+	1	140	K.LNIDQNPGTAPK.Y	16
PLOG+7520	proteomics_log	3964006	3964032	+	1	6	R.GIPTLLLLFK.N	13
PLOG+7521	proteomics_log	3964006	3964056	+	1	27	R.GIPTLLLLFKNGEVAATK.V	21
PLOG+7522	proteomics_log	3964006	3964074	+	1	48	R.GIPTLLLLFKNGEVAATKVGALSK.G	27
PLOG+7523	proteomics_log	3964006	3964110	+	1	217	R.GIPTLLLLFKNGEVAATKVGALSKGQLKEFLDANLA.-	39
PLOG+7524	proteomics_log	3964012	3964032	+	1	14	I.PTLLLLFK.N	11
PLOG+7525	proteomics_log	3964033	3964074	+	1	8	K.NGEVAATKVGALSK.G	18
PLOG+7526	proteomics_log	3964033	3964110	+	1	45	K.NGEVAATKVGALSKGQLKEFLDANLA.-	30
PLOG+7527	proteomics_log	3964057	3964110	+	1	39	K.VGALSKGQLKEFLDANLA.-	22
PLOG+7528	proteomics_log	3964075	3964110	+	1	53	K.GQLKEFLDANLA.-	16
PLOG+7529	proteomics_log	3964440	3964523	+	3	4	T.M*NLTELKNTPVSELITLGENMGLENLAR.M	33
PLOG+7530	proteomics_log	3964440	3964523	+	3	6	T.MNLTELKNTPVSELITLGENM*GLENLAR.M	33
PLOG+7531	proteomics_log	3964440	3964523	+	3	156	T.MNLTELKNTPVSELITLGENMGLENLAR.M	32
PLOG+7532	proteomics_log	3964461	3964523	+	3	59	K.NTPVSELITLGENMGLENLAR.M	25
PLOG+7533	proteomics_log	3964524	3964559	+	3	5	R.M*RKQDIIFAILK.Q	17
PLOG+7534	proteomics_log	3964524	3964559	+	3	9	R.MRKQDIIFAILK.Q	16
PLOG+7535	proteomics_log	3964524	3964571	+	3	10	R.MRKQDIIFAILKQHAK.S	20
PLOG+7536	proteomics_log	3964530	3964571	+	3	4	R.KQDIIFAILKQHAK.S	18
PLOG+7537	proteomics_log	3964530	3964559	+	3	8	R.KQDIIFAILK.Q	14
PLOG+7538	proteomics_log	3964560	3964637	+	3	4	K.QHAKSGEDIFGDGVLEILQDGFGLR.S	30
PLOG+7539	proteomics_log	3964572	3964637	+	3	337	K.SGEDIFGDGVLEILQDGFGLR.S	26
PLOG+7540	proteomics_log	3964638	3964703	+	3	7	R.SADSSYLAGPDDIYVSPSQIRR.F	26

PLOG+7541	proteomics_log	3964638	3964700	+	3	27	R.SADSSYLAPDDIYVSPSQIR.R	25
PLOG+7542	proteomics_log	3964704	3964739	+	3	5	R.FNLRTGDTISGK.I	16
PLOG+7543	proteomics_log	3964716	3964739	+	3	4	R.TGDTISGK.I	12
PLOG+7544	proteomics_log	3964767	3964823	+	3	60	R.YFALLKVNEVNFDPENAR.N	23
PLOG+7545	proteomics_log	3964785	3964823	+	3	18	K.VNEVNFDPENAR.N	17
PLOG+7546	proteomics_log	3964809	3964871	+	3	13	K.PENARNKILFENLTPLHANSR.L	25
PLOG+7547	proteomics_log	3964824	3964871	+	3	255	R.NKILFENLTPLHANSR.L	20
PLOG+7548	proteomics_log	3964830	3964871	+	3	189	K.ILFENLTPLHANSR.L	18
PLOG+7549	proteomics_log	3964872	3964919	+	3	12	R.LRMERGNGSTEDLTAR.V	20
PLOG+7550	proteomics_log	3964878	3964919	+	3	166	R.MERGNGSTEDLTAR.V	18
PLOG+7551	proteomics_log	3964887	3964919	+	3	108	R.GNGSTEDLTAR.V	15
PLOG+7552	proteomics_log	3964920	3964949	+	3	196	R.VLDLSPIGR.G	14
PLOG+7553	proteomics_log	3964959	3964991	+	3	61	R.GLIVAPPKAGK.T	15
PLOG+7554	proteomics_log	3964992	3965102	+	3	5	K.TMLLQNIASIAYNHPDCVLMVLLIDERPEEVTEMQR.L	41
PLOG+7555	proteomics_log	3965103	3965186	+	3	2	R.LVKGEVVASTFDEPASRHVQVAEMVIEK.A	32
PLOG+7556	proteomics_log	3965103	3965153	+	3	211	R.LVKGEVVASTFDEPASR.H	21
PLOG+7557	proteomics_log	3965112	3965153	+	3	15	K.GEVVASTFDEPASR.H	18
PLOG+7558	proteomics_log	3965154	3965192	+	3	3	R.HVQVAEM*VIEKAK.R	18
PLOG+7559	proteomics_log	3965154	3965186	+	3	11	R.HVQVAEM*VIEK.A	16
PLOG+7560	proteomics_log	3965154	3965192	+	3	35	R.HVQVAEMVIEKAK.R	17
PLOG+7561	proteomics_log	3965154	3965195	+	3	52	R.HVQVAEMVIEKAKR.L	18
PLOG+7562	proteomics_log	3965154	3965186	+	3	111	R.HVQVAEMVIEK.A	15
PLOG+7563	proteomics_log	3965187	3965246	+	3	8	K.AKRLVEHKKDVIILLDSITR.L	24
PLOG+7564	proteomics_log	3965193	3965246	+	3	126	K.RLVEHKKDVIILLDSITR.L	22
PLOG+7565	proteomics_log	3965196	3965255	+	3	8	R.LVEHKKDVIILLDSITRLAR.A	24
PLOG+7566	proteomics_log	3965196	3965246	+	3	199	R.LVEHKKDVIILLDSITR.L	21
PLOG+7567	proteomics_log	3965211	3965246	+	3	41	K.KDVIILLDSITR.L	16
PLOG+7568	proteomics_log	3965214	3965246	+	3	18	K.DVIILLDSITR.L	15
PLOG+7569	proteomics_log	3965256	3965288	+	3	33	R.AYNTVVPASGK.V	15
PLOG+7570	proteomics_log	3965256	3965333	+	3	40	R.AYNTVVPASGKVLTTGGVDANALHRPK.R	30
PLOG+7571	proteomics_log	3965289	3965333	+	3	105	K.VLTGGVDANALHRPK.R	19
PLOG+7572	proteomics_log	3965295	3965333	+	3	3	L.TGGVDANALHRPK.R	17
PLOG+7573	proteomics_log	3965334	3965354	+	3	34	K.RFFGAAR.N	11
PLOG+7574	proteomics_log	3965355	3965480	+	3	2	R.NVEEGGSLTIATALIDTGSKMDEVIYEEFKGTGNMELHLSR.K	46
PLOG+7575	proteomics_log	3965355	3965417	+	3	7	R.NVEEGGSLTIATALIDTGSK.M	25
PLOG+7576	proteomics_log	3965481	3965525	+	3	3	R.KIAEKRVFPAIDYNR.S	19
PLOG+7577	proteomics_log	3965496	3965525	+	3	73	K.RVFPAIDYNR.S	14
PLOG+7578	proteomics_log	3965526	3965591	+	3	2	R.SGTRKEELLTTQEELQKM*WILR.K	27
PLOG+7579	proteomics_log	3965526	3965594	+	3	2	R.SGTRKEELLTTQEELQKM*WILRK.I	28
PLOG+7580	proteomics_log	3965526	3965594	+	3	41	R.SGTRKEELLTTQEELQKMWILR.K	27
PLOG+7581	proteomics_log	3965526	3965591	+	3	101	R.SGTRKEELLTTQEELQKMWILR.K	26
PLOG+7582	proteomics_log	3965526	3965576	+	3	112	R.SGTRKEELLTTQEELQK.M	21
PLOG+7583	proteomics_log	3965538	3965576	+	3	14	R.KEELLTTQEELQK.M	17
PLOG+7584	proteomics_log	3965550	3965591	+	3	9	L.LTTQEELQKMWILR.K	18
PLOG+7585	proteomics_log	3965592	3965651	+	3	2	R.KIIHPMGEIDAMEFLINKLA.M	24
PLOG+7586	proteomics_log	3965592	3965645	+	3	2	R.KIIHPM*GEIDAM*EFLINK.L	24

PLOG+7587	proteomics_log	3965592	3965645	+	3	2	R.KIIHPM*GEIDAMEFLINK.L	23
PLOG+7588	proteomics_log	3965592	3965660	+	3	3	R.KIIHPM*GEIDAMEFLINKLAMTK.T	28
PLOG+7589	proteomics_log	3965592	3965660	+	3	3	R.KIIHPM*GEIDAMEFLINKLAM*TK.T	29
PLOG+7590	proteomics_log	3965592	3965645	+	3	155	R.KIIHPMGEIDAMEFLINK.L	22
PLOG+7591	proteomics_log	3965592	3965660	+	3	156	R.KIIHPMGEIDAMEFLINKLAMTK.T	27
PLOG+7592	proteomics_log	3965595	3965651	+	3	2	K.IIHPMGEIDAMEFLINKLA.M	23
PLOG+7593	proteomics_log	3965595	3965645	+	3	124	K.IIHPMGEIDAMEFLINK.L	21
PLOG+7594	proteomics_log	3965595	3965660	+	3	163	K.IIHPMGEIDAMEFLINKLAMTK.T	26
PLOG+7595	proteomics_log	3965661	3965693	+	3	13	K.TNDDFFEMMKR.S	15
PLOG+7596	proteomics_log	3965661	3965690	+	3	90	K.TNDDFFEMMK.R	14
PLOG+7597	proteomics_log	3967435	3967518	+	1	10	R.MVGNSKADAALLDEMinniQFIPGDFTR.A	32
PLOG+7598	proteomics_log	3967453	3967518	+	1	2	K.ADAALLDEMinniQFIPGDFTR.A	26
PLOG+7599	proteomics_log	3967519	3967581	+	1	2	R.AVNDsvKLIaETAPDANNLLR.Q	25
PLOG+7600	proteomics_log	3967540	3967581	+	1	5	K.LIAETAPDANNLLR.Q	18
PLOG+7601	proteomics_log	3967609	3967656	+	1	5	R.AASHLNDELKGAWAAR.T	20
PLOG+7602	proteomics_log	3967672	3967704	+	1	4	K.AQVkrQEEVAK.A	15
PLOG+7603	proteomics_log	3967723	3967776	+	1	2	R.M*NSIEQALKIAEQHNISR.S	23
PLOG+7604	proteomics_log	3967723	3967776	+	1	5	R.MNSIEQALKIAEQHNISR.S	22
PLOG+7605	proteomics_log	3967750	3967776	+	1	20	K.IAEQHNISR.S	13
PLOG+7606	proteomics_log	3967855	3967911	+	1	2	R.LENLQAVGPAFDLDYDQNR.A	23
PLOG+7607	proteomics_log	3969170	3969208	+	2	6	R.LLKDeneyQAMSR.A	17
PLOG+7608	proteomics_log	3969248	3969283	+	2	4	R.ILEALKNNRISL.-	16
PLOG+7609	proteomics_log	3971037	3971060	+	3	3	K.ASSDHLVR.A	12
PLOG+7610	proteomics_log	3971037	3971060	+	3	3	K.ASSDHLVR.A	12
PLOG+7611	proteomics_log	3971634	3971669	+	3	30	R.KGIILAGGSGTR.L	16
PLOG+7612	proteomics_log	3971634	3971669	+	3	30	R.KGIILAGGSGTR.L	16
PLOG+7613	proteomics_log	3977289	3977324	+	3	2	R.LDFVVDAGGGGR.A	16
PLOG+7614	proteomics_log	3977332	3977364	+	1	5	G.IVGMFWLALKR.Y	15
PLOG+7615	proteomics_log	3986395	3986442	+	1	2	S.PSESIGEPSLSLSARR.R	20
PLOG+7616	proteomics_log	3990064	3990099	+	1	3	S.FGLDPYCM*MLER.V	17
PLOG+7617	proteomics_log	3992713	3992745	+	1	3	R.ATGDGPSQVNY.-	15
PLOG+7618	proteomics_log	3992800	3992877	+	1	16	K.MHGLGNDFMvVDAVTQNVFFSPELIR.R	30
PLOG+7619	proteomics_log	3993606	3993704	+	3	4	S.MKQPGEELQETLTDRAVVVDYLIKNPEFFIR.N	37
PLOG+7620	proteomics_log	3993660	3993704	+	3	7	R.AVVVDYLIKNPEFFIR.N	19
PLOG+7621	proteomics_log	3994215	3994295	+	3	26	R.DASHYQQGQTQLLHEIALMLPELLER.W	31
PLOG+7622	proteomics_log	3994586	3994606	+	2	16	E.LKANPAK.G	11
PLOG+7623	proteomics_log	3995434	3995526	+	1	2	R.FRSIEQAMLDAGLSAEEASAGAHAAMINFAK.W	35
PLOG+7624	proteomics_log	3995440	3995526	+	1	10	R.SIEQAMLDAGLSAEEASAGAHAAMINFAK.W	33
PLOG+7625	proteomics_log	3996031	3996057	+	1	2	T.ALMTNSAKR.W	13
PLOG+7626	proteomics_log	3997947	3997979	+	3	4	R.ATVSRPVSHQR.M	15
PLOG+7627	proteomics_log	3998353	3998400	+	1	8	K.DSVATGLPRLSYTYVK.S	20
PLOG+7628	proteomics_log	4005636	4005686	+	3	2	V.GMRKLERFGKPFM*ALIR.A	22
PLOG+7629	proteomics_log	4008223	4008297	+	1	2	L.MYQVVASDLdGTLSPDHTLSPYAK.E	29
PLOG+7630	proteomics_log	4008223	4008324	+	1	5	L.MYQVVASDLdGTLSPDHTLSPYAKETLKLTLAR.G	38
PLOG+7631	proteomics_log	4008934	4009008	+	1	2	R.LKDLHPELEVIGTNADDAVPHYLrk.L	29
PLOG+7632	proteomics_log	4011076	4011111	+	1	2	K.MTILNHTLGFPR.V	16

PLOG+7633	proteomics_log	4011079	4011123	+	1	4	M.TILNHTLGFPRVGLR.R	19
PLOG+7634	proteomics_log	4011079	4011126	+	1	10	M.TILNHTLGFPRVGLRR.E	20
PLOG+7635	proteomics_log	4011079	4011111	+	1	393	M.TILNHTLGFPR.V	15
PLOG+7636	proteomics_log	4011085	4011111	+	1	7	I.LNHTLGFPR.V	13
PLOG+7637	proteomics_log	4011112	4011174	+	1	8	R.VGLRRELKKAQESYWAGNSTR.E	25
PLOG+7638	proteomics_log	4011124	4011174	+	1	3	R.RELKKAQESYWAGNSTR.E	21
PLOG+7639	proteomics_log	4011124	4011198	+	1	4	R.RELKKAQESYWAGNSTREELLAVGR.E	29
PLOG+7640	proteomics_log	4011127	4011198	+	1	31	R.ELKKAQESYWAGNSTREELLAVGR.E	28
PLOG+7641	proteomics_log	4011127	4011174	+	1	38	R.ELKKAQESYWAGNSTR.E	20
PLOG+7642	proteomics_log	4011127	4011207	+	1	64	R.ELKKAQESYWAGNSTREELLAVGRELR.A	31
PLOG+7643	proteomics_log	4011136	4011174	+	1	29	K.KAQESYWAGNSTR.E	17
PLOG+7644	proteomics_log	4011136	4011198	+	1	63	K.KAQESYWAGNSTREELLAVGR.E	25
PLOG+7645	proteomics_log	4011136	4011207	+	1	111	K.KAQESYWAGNSTREELLAVGRELR.A	28
PLOG+7646	proteomics_log	4011139	4011174	+	1	9	K.AQESYWAGNSTR.E	16
PLOG+7647	proteomics_log	4011139	4011207	+	1	27	K.AQESYWAGNSTREELLAVGRELR.A	27
PLOG+7648	proteomics_log	4011139	4011198	+	1	133	K.AQESYWAGNSTREELLAVGR.E	24
PLOG+7649	proteomics_log	4011175	4011198	+	1	95	R.EELLAVGR.E	12
PLOG+7650	proteomics_log	4011208	4011324	+	1	4	R.ARHWDDQKQAGIDLLPVGDFAWYDHLVLTSSLLGNVPAR.H	43
PLOG+7651	proteomics_log	4011208	4011231	+	1	6	R.ARHWDDQK.Q	12
PLOG+7652	proteomics_log	4011214	4011231	+	1	17	R.HWDQK.Q	10
PLOG+7653	proteomics_log	4011214	4011324	+	1	70	R.HWDQKQAGIDLLPVGDFAWYDHLVLTSSLLGNVPAR.H	41
PLOG+7654	proteomics_log	4011232	4011336	+	1	2	K.QAGIDLLPVGDFAWYDHLVLTSSLLGNVPARHQNK.D	39
PLOG+7655	proteomics_log	4011232	4011324	+	1	381	K.QAGIDLLPVGDFAWYDHLVLTSSLLGNVPAR.H	35
PLOG+7656	proteomics_log	4011325	4011369	+	1	214	R.HQNKDGSVDIDLFR.I	19
PLOG+7657	proteomics_log	4011337	4011369	+	1	112	K.DGSVDIDLFR.I	15
PLOG+7658	proteomics_log	4011370	4011426	+	1	7	R.IGRGRAPTGEAAAAEM*TK.W	24
PLOG+7659	proteomics_log	4011370	4011426	+	1	25	R.IGRGRAPTGEAAAAEMTK.W	23
PLOG+7660	proteomics_log	4011379	4011426	+	1	18	R.GRAPTGEAAAAEM*TK.W	21
PLOG+7661	proteomics_log	4011379	4011426	+	1	136	R.GRAPTGEAAAAEMTK.W	20
PLOG+7662	proteomics_log	4011385	4011471	+	1	2	R.APTGEAAAAEMTKWFNTNYHYMVPEFVK.G	33
PLOG+7663	proteomics_log	4011385	4011426	+	1	6	R.APTGEAAAAEM*TK.W	19
PLOG+7664	proteomics_log	4011385	4011426	+	1	55	R.APTGEAAAAEMTK.W	18
PLOG+7665	proteomics_log	4011427	4011543	+	1	3	K.WFNTNYHYMVPEFVKGQFCLTWTQLLDEVDEALALGHK.V	43
PLOG+7666	proteomics_log	4011427	4011495	+	1	8	K.WFNTNYHYMVPEFVKGQFCLTW.T	27
PLOG+7667	proteomics_log	4011427	4011486	+	1	24	K.WFNTNYHYMVPEFVKGQFCL.L	24
PLOG+7668	proteomics_log	4011427	4011471	+	1	53	K.WFNTNYHYMVPEFVK.G	19
PLOG+7669	proteomics_log	4011472	4011591	+	1	2	K.GQQFCLTWTQLLDEVDEALALGHKVKPVLLGPVTWLWLGLK.V	44
PLOG+7670	proteomics_log	4011472	4011543	+	1	59	K.GQQFCLTWTQLLDEVDEALALGHK.V	28
PLOG+7671	proteomics_log	4011487	4011591	+	1	22	K.LTWTQLLDEVDEALALGHKVKPVLLGPVTWLWLGLK.V	39
PLOG+7672	proteomics_log	4011487	4011543	+	1	165	K.LTWTQLLDEVDEALALGHK.V	23
PLOG+7673	proteomics_log	4011496	4011543	+	1	6	W.TQLLDEVDEALALGHK.V	20
PLOG+7674	proteomics_log	4011502	4011543	+	1	5	Q.LLDEVDEALALGHK.V	18
PLOG+7675	proteomics_log	4011544	4011591	+	1	132	K.VKPVLLGPVTWLWLGLK.V	20
PLOG+7676	proteomics_log	4011592	4011675	+	1	41	K.VKGEQFDRLSLLNDILPVYQQVLAELAK.R	32
PLOG+7677	proteomics_log	4011592	4011678	+	1	55	K.VKGEQFDRLSLLNDILPVYQQVLAELAKR.G	33
PLOG+7678	proteomics_log	4011598	4011678	+	1	54	K.GEQFDRLSLLNDILPVYQQVLAELAKR.G	31

PLOG+7679	proteomics_log	4011598	4011675	+	1	63	K.GEQFDRLSLLNDILPVYQQVLAELAK.R	30
PLOG+7680	proteomics_log	4011616	4011675	+	1	98	R.LSLLNDILPVYQQVLAELAK.R	24
PLOG+7681	proteomics_log	4011616	4011678	+	1	111	R.LSLLNDILPVYQQVLAELAKR.G	25
PLOG+7682	proteomics_log	4011625	4011678	+	1	18	L.LNDILPVYQQVLAELAKR.G	22
PLOG+7683	proteomics_log	4011634	4011678	+	1	2	D.ILPVYQQVLAELAKR.G	19
PLOG+7684	proteomics_log	4011640	4011678	+	1	4	L.PVYQQVLAELAKR.G	17
PLOG+7685	proteomics_log	4011676	4011786	+	1	34	K.RGIEWVQIDEPALVLELPQAWLDAYKPAYDALQGQVK.L	41
PLOG+7686	proteomics_log	4011679	4011786	+	1	95	R.GIEWVQIDEPALVLELPQAWLDAYKPAYDALQGQVK.L	40
PLOG+7687	proteomics_log	4011727	4011786	+	1	7	L.PQAWLDAYKPAYDALQGQVK.L	24
PLOG+7688	proteomics_log	4011787	4011909	+	1	19	K.LLLTTYFEGVTPNLDTITALPVQGLHVDLVH GKDDVAELHK.R	45
PLOG+7689	proteomics_log	4011787	4011912	+	1	43	K.LLLTTYFEGVTPNLDTITALPVQGLHVDLVH GKDDVAELHKR.L	46
PLOG+7690	proteomics_log	4011787	4011885	+	1	49	K.LLLTTYFEGVTPNLDTITALPVQGLHVDLVH GK.D	37
PLOG+7691	proteomics_log	4011820	4011912	+	1	2	T.PNLDTITALPVQGLHVDLVH GKDDVAELHKR.L	35
PLOG+7692	proteomics_log	4011847	4011912	+	1	4	L.PVQGLHVDLVH GKDDVAELHKR.L	26
PLOG+7693	proteomics_log	4011886	4011912	+	1	10	K.DDVAELHKR.L	13
PLOG+7694	proteomics_log	4011910	4011969	+	1	2	K.RLPSDWLLSAGLINGRNVWR.A	24
PLOG+7695	proteomics_log	4011910	4011957	+	1	61	K.RLPSDWLLSAGLINGR.N	20
PLOG+7696	proteomics_log	4011913	4011969	+	1	11	R.LPSDWLLSAGLINGRNVWR.A	23
PLOG+7697	proteomics_log	4011913	4011957	+	1	286	R.LPSDWLLSAGLINGR.N	19
PLOG+7698	proteomics_log	4011958	4012017	+	1	6	R.NVWRADLTEKYAQIKDIVGK.R	24
PLOG+7699	proteomics_log	4011958	4012020	+	1	78	R.NVWRADLTEKYAQIKDIVGKR.D	25
PLOG+7700	proteomics_log	4011970	4012017	+	1	27	R.ADLTEKYAQIKDIVGK.R	20
PLOG+7701	proteomics_log	4011970	4012002	+	1	35	R.ADLTEKYAQIK.D	15
PLOG+7702	proteomics_log	4011970	4012020	+	1	266	R.ADLTEKYAQIKDIVGKR.D	21
PLOG+7703	proteomics_log	4011988	4012017	+	1	21	K.YAQIKDIVGK.R	14
PLOG+7704	proteomics_log	4011988	4012020	+	1	92	K.YAQIKDIVGKR.D	15
PLOG+7705	proteomics_log	4012045	4012086	+	1	4	C.SLLHSPIDLSVETR.L	18
PLOG+7706	proteomics_log	4012087	4012131	+	1	37	R.LDAEVKSWFALQK.C	19
PLOG+7707	proteomics_log	4012105	4012131	+	1	134	K.SWFALQK.C	13
PLOG+7708	proteomics_log	4012156	4012194	+	1	2	R.DALNSGDTAALAE.W	17
PLOG+7709	proteomics_log	4012156	4012218	+	1	184	R.DALNSGDTAALAEWSAPIQAR.R	25
PLOG+7710	proteomics_log	4012222	4012257	+	1	23	R.HSTRVHNPAVEK.R	16
PLOG+7711	proteomics_log	4012222	4012260	+	1	176	R.HSTRVHNPAVEKR.L	17
PLOG+7712	proteomics_log	4012234	4012293	+	1	3	R.VHNPAVEKRLAAITAQDSQR.A	24
PLOG+7713	proteomics_log	4012234	4012257	+	1	93	R.VHNPAVEK.R	12
PLOG+7714	proteomics_log	4012234	4012260	+	1	318	R.VHNPAVEKR.L	13
PLOG+7715	proteomics_log	4012240	4012260	+	1	18	H.NPAVEKR.L	11
PLOG+7716	proteomics_log	4012258	4012314	+	1	12	K.RLAAITAQDSQRANVYEV.R.A	23
PLOG+7717	proteomics_log	4012258	4012329	+	1	21	K.RLAAITAQDSQRANVYEVRAEAQR.A	28
PLOG+7718	proteomics_log	4012258	4012293	+	1	223	K.RLAAITAQDSQR.A	16
PLOG+7719	proteomics_log	4012261	4012296	+	1	3	R.LAAITAQDSQRA.N	16
PLOG+7720	proteomics_log	4012261	4012335	+	1	73	R.LAAITAQDSQRANVYEVRAEAQRAR.F	29
PLOG+7721	proteomics_log	4012261	4012314	+	1	127	R.LAAITAQDSQRANVYEV.R.A	22
PLOG+7722	proteomics_log	4012261	4012329	+	1	156	R.LAAITAQDSQRANVYEVRAEAQR.A	27
PLOG+7723	proteomics_log	4012261	4012293	+	1	479	R.LAAITAQDSQR.A	15
PLOG+7724	proteomics_log	4012264	4012293	+	1	3	L.AAITAQDSQR.A	14



PLOG+7725	proteomics_log	4012267	4012293	+	1	14	A.AITAQDSQR.A	13
PLOG+7726	proteomics_log	4012294	4012314	+	1	5	R.ANVYEVRA.A	11
PLOG+7727	proteomics_log	4012294	4012335	+	1	6	R.ANVYEVRAEAQRAR.F	18
PLOG+7728	proteomics_log	4012294	4012329	+	1	66	R.ANVYEVRAEAQR.A	16
PLOG+7729	proteomics_log	4012315	4012398	+	1	10	R.AEAQRARFKLPAWPTTTIGSFQPQTEIR.T	32
PLOG+7730	proteomics_log	4012330	4012407	+	1	7	R.ARFKLPWPTTTIGSFQPQTEIRTLR.L	30
PLOG+7731	proteomics_log	4012330	4012398	+	1	286	R.ARFKLPWPTTTIGSFQPQTEIR.T	27
PLOG+7732	proteomics_log	4012336	4012371	+	1	2	R.FKLPWPTTTIG.S	16
PLOG+7733	proteomics_log	4012336	4012374	+	1	29	R.FKLPWPTTTIGS.F	17
PLOG+7734	proteomics_log	4012336	4012398	+	1	629	R.FKLPWPTTTIGSFQPQTEIR.T	25
PLOG+7735	proteomics_log	4012342	4012398	+	1	47	K.LPAWPTTTIGSFQPQTEIR.T	23
PLOG+7736	proteomics_log	4012354	4012398	+	1	2	W.PTTTIGSFQPQTEIR.T	19
PLOG+7737	proteomics_log	4012388	4012423	+	2	2	P.RKFVPCVWISKR.A	16
PLOG+7738	proteomics_log	4012399	4012473	+	1	5	R.TLRLDFKKGNLDANNYRTGIAEHIK.Q	29
PLOG+7739	proteomics_log	4012399	4012449	+	1	196	R.TLRLDFKKGNLDANNYR.T	21
PLOG+7740	proteomics_log	4012408	4012473	+	1	3	R.LDFKKGNLDANNYRTGIAEHIK.Q	26
PLOG+7741	proteomics_log	4012408	4012497	+	1	4	R.LDFKKGNLDANNYRTGIAEHIKQAIVEQER.L	34
PLOG+7742	proteomics_log	4012408	4012449	+	1	198	R.LDFKKGNLDANNYR.T	18
PLOG+7743	proteomics_log	4012414	4012449	+	1	8	D.FKKGNLDANNYR.T	16
PLOG+7744	proteomics_log	4012420	4012497	+	1	2	K.KGNLDANNYRTGIAEHIKQAIVEQER.L	30
PLOG+7745	proteomics_log	4012420	4012473	+	1	4	K.KGNLDANNYRTGIAEHIK.Q	22
PLOG+7746	proteomics_log	4012420	4012449	+	1	236	K.KGNLDANNYR.T	14
PLOG+7747	proteomics_log	4012423	4012497	+	1	3	K.GNLDANNYRTGIAEHIKQAIVEQER.L	29
PLOG+7748	proteomics_log	4012423	4012449	+	1	86	K.GNLDANNYR.T	13
PLOG+7749	proteomics_log	4012450	4012536	+	1	71	R.TGIAEHIKQAIVEQERLGLDVLVHGEAER.N	33
PLOG+7750	proteomics_log	4012450	4012473	+	1	84	R.TGIAEHIK.Q	12
PLOG+7751	proteomics_log	4012450	4012497	+	1	274	R.TGIAEHIKQAIVEQER.L	20
PLOG+7752	proteomics_log	4012474	4012497	+	1	2	K.QAIVEQER.L	12
PLOG+7753	proteomics_log	4012474	4012536	+	1	6	K.QAIVEQERLGLDVLVHGEAER.N	25
PLOG+7754	proteomics_log	4012498	4012620	+	1	32	R.LGLDVLVHGEAERNNDMVEYFGEHLDFGVFTQNGWVQSYGSR.C	45
PLOG+7755	proteomics_log	4012498	4012536	+	1	33	R.LGLDVLVHGEAER.N	17
PLOG+7756	proteomics_log	4012537	4012620	+	1	51	R.NDMVEYFGEHLDFGVFTQNGWVQSYGSR.C	32
PLOG+7757	proteomics_log	4012690	4012770	+	1	2	K.YAQLTDKPKVGMILTGPVTILCWSFPR.E	31
PLOG+7758	proteomics_log	4012690	4012722	+	1	165	K.YAQLTDKPKV.G	15
PLOG+7759	proteomics_log	4012771	4012800	+	1	78	R.EDVSRETIK.Q	14
PLOG+7760	proteomics_log	4012786	4012905	+	1	2	R.ETIAKQIALALRDEVADLEAAGIGIIQIDEPALREGLPLR.R	44
PLOG+7761	proteomics_log	4012786	4012908	+	1	4	R.ETIAKQIALALRDEVADLEAAGIGIIQIDEPALREGLPLRR.S	45
PLOG+7762	proteomics_log	4012786	4012887	+	1	32	R.ETIAKQIALALRDEVADLEAAGIGIIQIDEPALR.E	38
PLOG+7763	proteomics_log	4012801	4012884	+	1	73	K.QIALALRDEVADLEAAGIGIIQIDEPALR	32
PLOG+7764	proteomics_log	4012801	4012905	+	1	106	K.QIALALRDEVADLEAAGIGIIQIDEPALREGLPLR.R	39
PLOG+7765	proteomics_log	4012801	4012908	+	1	146	K.QIALALRDEVADLEAAGIGIIQIDEPALREGLPLRR.S	40
PLOG+7766	proteomics_log	4012801	4012887	+	1	420	K.QIALALRDEVADLEAAGIGIIQIDEPALR.E	33
PLOG+7767	proteomics_log	4012822	4012887	+	1	17	R.DEVADLEAAGIGIIQIDEPALR.E	26
PLOG+7768	proteomics_log	4012906	4012953	+	1	12	R.RSDWDAYLQWGVEAFR.I	20
PLOG+7769	proteomics_log	4012909	4012974	+	1	13	R.SDWDAYLQWGVEAFRINAATAVAK.D	26
PLOG+7770	proteomics_log	4012909	4012953	+	1	223	R.SDWDAYLQWGVEAFR.I	19

PLOG+7771	proteomics_log	4012996	4013079	+	1	4	T.HMCYCEFNDIMDSIAALDADVITIETSR.S	32
PLOG+7772	proteomics_log	4013080	4013142	+	1	2	R.SDM*ELLESFEEFDYPNEIGPG.V	26
PLOG+7773	proteomics_log	4013080	4013202	+	1	5	R.SDM*ELLESFEEFDYPNEIGPGVYDIHSPNVPSVEWIEALLK.K	46
PLOG+7774	proteomics_log	4013080	4013145	+	1	9	R.SDM*ELLESFEEFDYPNEIGPGV.Y	27
PLOG+7775	proteomics_log	4013080	4013205	+	1	119	R.SDMELLESFEEFDYPNEIGPGVYDIHSPNVPSVEWIEALLK.K.A	46
PLOG+7776	proteomics_log	4013080	4013202	+	1	157	R.SDMELLESFEEFDYPNEIGPGVYDIHSPNVPSVEWIEALLK.K	45
PLOG+7777	proteomics_log	4013146	4013202	+	1	2	V.YDIHSPNVPSVEWIEALLK.K	23
PLOG+7778	proteomics_log	4013203	4013232	+	1	2	K.KAAKRIPAER.L	14
PLOG+7779	proteomics_log	4013206	4013256	+	1	4	K.AAKRIPAERLWVNPDCG.L	21
PLOG+7780	proteomics_log	4013215	4013271	+	1	2	K.RIPAERLWVNPDCGLKTRG.W	23
PLOG+7781	proteomics_log	4013287	4013322	+	1	2	R.AALANMVQAAQN.L	16
PLOG+7782	proteomics_log	4013287	4013316	+	1	2	R.AALANM*VQAA.Q	15
PLOG+7783	proteomics_log	4013287	4013322	+	1	2	R.AALANM*VQAAQN.L	17
PLOG+7784	proteomics_log	4013287	4013319	+	1	13	R.AALANM*VQAAQ.N	16
PLOG+7785	proteomics_log	4013287	4013334	+	1	24	R.AALANMVQAAQNLRRG.-	20
PLOG+7786	proteomics_log	4013287	4013319	+	1	28	R.AALANMVQAAQ.N	15
PLOG+7787	proteomics_log	4013287	4013328	+	1	249	R.AALANM*VQAAQNL.R	19
PLOG+7788	proteomics_log	4013287	4013328	+	1	828	R.AALANMVQAAQNL.R	18
PLOG+7789	proteomics_log	4013293	4013328	+	1	2	A.LANMVQAAQNL.R	16
PLOG+7790	proteomics_log	4013299	4013328	+	1	9	A.NMVQAAQNL.R	14
PLOG+7791	proteomics_log	4014457	4014492	+	1	10	M.SKSDVFHLGLTK.N	16
PLOG+7792	proteomics_log	4014457	4014552	+	1	23	M.SKSDVFHLGLTKNDLQGATLAIVPGDPDRVEK.I	36
PLOG+7793	proteomics_log	4014493	4014552	+	1	4	K.NDLQGATLAIVPGDPDRVEK.I	24
PLOG+7794	proteomics_log	4014553	4014582	+	1	2	K.IAALMDKPKV.L	14
PLOG+7795	proteomics_log	4014553	4014597	+	1	3	K.IAALM*DKPKVLASHR.E	20
PLOG+7796	proteomics_log	4014553	4014582	+	1	2	K.IAALM*DKPKV.L	15
PLOG+7797	proteomics_log	4014727	4014798	+	1	214	R.IGTTGAIQPHINVGDLVLTASVR.L	28
PLOG+7798	proteomics_log	4014799	4014888	+	1	2	R.LDGASLHFAPLEFPVADFECTTALVEAAK.S	34
PLOG+7799	proteomics_log	4014889	4014957	+	1	3	K.SIGATTHVGVGTASSDTFYPGQER.Y	27
PLOG+7800	proteomics_log	4015090	4015122	+	1	2	R.AGM*VAGVIVNR.T	16
PLOG+7801	proteomics_log	4015090	4015122	+	1	80	R.AGMVAGVIVNR.T	15
PLOG+7802	proteomics_log	4016941	4017024	+	1	5	K.ADMVAHVHFSVASKYDVMNDLMSFGIHR.L	32
PLOG+7803	proteomics_log	4017064	4017126	+	1	5	R.RGQTVLDLAGGTGDLTAKFSR.L	25
PLOG+7804	proteomics_log	4017064	4017117	+	1	12	R.RGQTVLDLAGGTGDLTAK.F	22
PLOG+7805	proteomics_log	4017067	4017117	+	1	4	R.GQTVLDLAGGTGDLTAK.F	21
PLOG+7806	proteomics_log	4017082	4017117	+	1	3	L.DLAGGTGDLTAK.F	16
PLOG+7807	proteomics_log	4017127	4017192	+	1	4	R.LVGETGKVVLADINESMLKMGR.E	26
PLOG+7808	proteomics_log	4017127	4017183	+	1	51	R.LVGETGKVVLADINESMLK.M	23
PLOG+7809	proteomics_log	4017310	4017339	+	1	4	R.NVTDKDKALR.S	14
PLOG+7810	proteomics_log	4017373	4017456	+	1	13	R.LLVLEFSKPIIEPLSKAYDAYSFHVLP.R.I	32
PLOG+7811	proteomics_log	4017373	4017420	+	1	201	R.LLVLEFSKPIIEPLSK.A	20
PLOG+7812	proteomics_log	4017421	4017456	+	1	18	K.AYDAYSFHVLP.R.I	16
PLOG+7813	proteomics_log	4017457	4017516	+	1	2	R.IGSLVANDADSYRYLAESIR.M	24
PLOG+7814	proteomics_log	4017457	4017495	+	1	60	R.IGSLVANDADSYR.Y	17
PLOG+7815	proteomics_log	4017650	4017709	+	2	13	M.PFKPLVTAGIESLLNTFLYR.S	24
PLOG+7816	proteomics_log	4018112	4018144	+	2	2	R.YVAEAITEEWR.M	15

PLOG+7817	proteomics_log	4020088	4020153	+	1	5	K.KAMSDDEPKQDKTSQDADFTAK.T	26
PLOG+7818	proteomics_log	4020091	4020153	+	1	2	K.AMSDDEPKQDKTSQDADFTAK.T	25
PLOG+7819	proteomics_log	4020091	4020153	+	1	2	K.AM*SDDEPKQDKTSQDADFTAK.T	26
PLOG+7820	proteomics_log	4020151	4020213	+	1	2	A.KTIADKQADTNQEQAKTEDAK.R	25
PLOG+7821	proteomics_log	4020154	4020216	+	1	2	K.TIADKQADTNQEQAKTEDAKR.H	25
PLOG+7822	proteomics_log	4020154	4020198	+	1	20	K.TIADKQADTNQEQAQAK.T	19
PLOG+7823	proteomics_log	4020154	4020213	+	1	30	K.TIADKQADTNQEQAKTEDAK.R	24
PLOG+7824	proteomics_log	4020154	4020234	+	1	34	K.TIADKQADTNQEQAKTEDAKRHDKEQV.-	31
PLOG+7825	proteomics_log	4020718	4020753	+	1	8	K.TAAPSPSSSDKP.-	16
PLOG+7826	proteomics_log	4023020	4023082	+	2	11	A.MKYNDLRDFTLLEQQGELKR.I	25
PLOG+7827	proteomics_log	4024571	4024609	+	2	5	K.VTSVEAITDTVYR.V	17
PLOG+7828	proteomics_log	4024907	4024933	+	2	2	R.SILLTALAR.N	13
PLOG+7829	proteomics_log	4025213	4025248	+	2	3	R.EDRLFGDAFAFI.-	16
PLOG+7830	proteomics_log	4029184	4029237	+	1	5	K.MESLASLYKNHIATLQER.T	22
PLOG+7831	proteomics_log	4029259	4029354	+	1	6	R.FKLDALLIHSGELFNVFLDDHPYPFKVNPQFK.A	36
PLOG+7832	proteomics_log	4029259	4029336	+	1	8	R.FKLDALLIHSGELFNVFLDDHPYPFK.V	30
PLOG+7833	proteomics_log	4029421	4029516	+	1	29	K.LWFYLPVDYWHNVEPLTSFWTEDVEVIALPK.A	36
PLOG+7834	proteomics_log	4029553	4029588	+	1	29	R.GNIGYIGPVPER.A	16
PLOG+7835	proteomics_log	4029589	4029630	+	1	13	R.ALQLGIEASNINPK.G	18
PLOG+7836	proteomics_log	4029631	4029660	+	1	16	K.GVIDYLHYR.S	14
PLOG+7837	proteomics_log	4029877	4029906	+	1	2	K.LDHQAPEEM*R.S	15
PLOG+7838	proteomics_log	4029877	4029906	+	1	3	K.LDHQAPEEMR.S	14
PLOG+7839	proteomics_log	4029907	4029963	+	1	3	R.SFLLDAGAENYGYAADLTR.T	23
PLOG+7840	proteomics_log	4029979	4030050	+	1	35	K.SDNDYAQLVKDVNDEQLALIATMK.A	28
PLOG+7841	proteomics_log	4030303	4030377	+	1	2	R.ILQPGMVLTIIEPGIYFIESLLAPWR.E	29
PLOG+7842	proteomics_log	4030447	4030497	+	1	2	R.IEDNVVIHENNVENMTR.D	21
PLOG+7843	proteomics_log	4030447	4030497	+	1	2	R.IEDNVVIHENNVENM*TR.D	22
PLOG+7844	proteomics_log	4032676	4032747	+	1	10	R.EIASYLASELKELGIQADVAVHR.I	28
PLOG+7845	proteomics_log	4033138	4033173	+	1	5	R.EIAHLTDKPTLK.-	16
PLOG+7846	proteomics_log	4040104	4040184	+	1	35	K.RLNEVIELLQPAWQKEPDLNLLQFLQK.L	31
PLOG+7847	proteomics_log	4040107	4040184	+	1	47	R.LNEVIELLQPAWQKEPDLNLLQFLQK.L	30
PLOG+7848	proteomics_log	4040185	4040256	+	1	13	K.LAKESGFDGELADLTDDILIYHLK.M	28
PLOG+7849	proteomics_log	4040194	4040256	+	1	4	K.ESGFDGELADLTDDILIYHLK.M	25
PLOG+7850	proteomics_log	4040257	4040337	+	1	2	K.MRDSAKDAVIPGLQKDYEEDFKTALLR.A	31
PLOG+7851	proteomics_log	4040275	4040337	+	1	17	K.DAVIPGLQKDYEEDFKTALLR.A	25
PLOG+7852	proteomics_log	4041672	4041791	+	3	8	K.YHVNFMGGDLGKDLTQAWAVAMALGVEDKVTVPLFEGVQK.T	44
PLOG+7853	proteomics_log	4041807	4041893	+	3	15	R.SASDIRDVFINAGIKGEEYDAAWNSFVVK.S	33
PLOG+7854	proteomics_log	4041894	4041941	+	3	3	K.SLVAQQEKAADVQLR.G	20
PLOG+7855	proteomics_log	4041972	4042046	+	3	12	K.YQLNPQGMDTSNMDVVFVQYADTVK.Y	29
PLOG+7856	proteomics_log	4044989	4045048	+	2	8	I.MVQIPQNPLILVDGSSYLYR.A	24
PLOG+7857	proteomics_log	4045049	4045129	+	2	26	R.AYHAFPPLTNSAGEPTGAMYGVNLMLR.S	31
PLOG+7858	proteomics_log	4045289	4045357	+	2	5	K.AM*GLPLLAVSGVEADDVIGTLAR.E	28
PLOG+7859	proteomics_log	4045289	4045357	+	2	45	K.AMGLPLLAVSGVEADDVIGTLAR.E	27
PLOG+7860	proteomics_log	4045586	4045669	+	2	9	K.TAQALLQGLGGLDTLYAEPEKIAGLSFR.G	32
PLOG+7861	proteomics_log	4046189	4046227	+	2	4	R.ALELLKPLEDEK.A	17
PLOG+7862	proteomics_log	4046297	4046353	+	2	6	R.GIAFDTMLESYILNSVAGR.H	23

PLOG+7863	proteomics_log	4046297	4046380	+	2	8	R.GIAFDTMLESYILNSVAGRHDMSLAER.W	32
PLOG+7864	proteomics_log	4046509	4046568	+	1	2	A.VASENVAGSAKTQRAVERLR.E	24
PLOG+7865	proteomics_log	4046543	4046605	+	2	11	K.HKGPLNVFENIEMPLVPVLSR.I	25
PLOG+7866	proteomics_log	4046549	4046605	+	2	2	K.GPLNVFENIEMPLVPVLSR.I	23
PLOG+7867	proteomics_log	4046639	4046674	+	2	9	K.VLHNHSEELTLR.L	16
PLOG+7868	proteomics_log	4046792	4046863	+	2	2	K.TPGGAPSTSEEVEELALDYPLPK.V	28
PLOG+7869	proteomics_log	4046951	4046992	+	2	3	R.VHTSYHQAVTATGR.L	18
PLOG+7870	proteomics_log	4047146	4047193	+	2	5	R.DKGLLTAFEGKDIHR.A	20
PLOG+7871	proteomics_log	4047194	4047250	+	2	4	R.ATAAEVFGPLPLETVTSEQR.R	23
PLOG+7872	proteomics_log	4047263	4047313	+	2	2	K.AINFGLIYGMSAFGLAR.Q	21
PLOG+7873	proteomics_log	4047512	4047562	+	2	5	R.AAINAPMQGTAADIKR.A	21
PLOG+7874	proteomics_log	4047716	4047772	+	2	2	R.LDVPLLVEVGSGENWDQAH.-	23
PLOG+7875	proteomics_log	4049505	4049564	+	3	2	R.AAGGNTTSGSKGQNAPKDPR.I	24
PLOG+7876	proteomics_log	4049565	4049615	+	3	23	R.IGSKTPIPLGVTEKVTK.Q	21
PLOG+7877	proteomics_log	4050608	4050664	+	2	9	R.LVNREQDEEFIFALLNHAR.E	23
PLOG+7878	proteomics_log	4050752	4050826	+	2	2	R.VAELNPDRLSVFNYAHLPTIFAAQR.K	29
PLOG+7879	proteomics_log	4056442	4056534	+	1	2	K.LRNIAIIAHVDHGKTTLVDKLLQQSGTFDSR.A	35
PLOG+7880	proteomics_log	4056448	4056552	+	1	4	R.NIAIIAHVDHGKTTLVDKLLQQSGTFDSRAETQER.V	39
PLOG+7881	proteomics_log	4056448	4056501	+	1	6	R.NIAIIAHVDHGKTTLVDK.L	22
PLOG+7882	proteomics_log	4056448	4056483	+	1	28	R.NIAIIAHVDHGK.T	16
PLOG+7883	proteomics_log	4056448	4056534	+	1	169	R.NIAIIAHVDHGKTTLVDKLLQQSGTFDSR.A	33
PLOG+7884	proteomics_log	4056484	4056534	+	1	44	K.TTLVDKLLQQSGTFDSR.A	21
PLOG+7885	proteomics_log	4056502	4056534	+	1	34	K.LLQQSGTFDSR.A	15
PLOG+7886	proteomics_log	4056553	4056579	+	1	3	R.VMDSNDLEK.E	13
PLOG+7887	proteomics_log	4056553	4056585	+	1	6	R.VM*DSNDLEKER.G	16
PLOG+7888	proteomics_log	4056553	4056585	+	1	200	R.VMDSNDLEKER.G	15
PLOG+7889	proteomics_log	4056607	4056690	+	1	2	K.NTAIKWNDYRINIVDTPGHADFGGEVER.V	32
PLOG+7890	proteomics_log	4056607	4056636	+	1	25	K.NTAIKWNDYR.I	14
PLOG+7891	proteomics_log	4056637	4056759	+	1	21	R.INIVDTPGHADFGGEVERVMSMVDSVLLVVDAFDGMPQTR.F	45
PLOG+7892	proteomics_log	4056637	4056690	+	1	88	R.INIVDTPGHADFGGEVER.V	22
PLOG+7893	proteomics_log	4056691	4056759	+	1	4	R.VM*SM*VDSVLLVVDAFDGPM*PQTR.F	30
PLOG+7894	proteomics_log	4056691	4056759	+	1	5	R.VMSMVDSVLLVVDAFDGPM*PQTR.F	28
PLOG+7895	proteomics_log	4056691	4056774	+	1	6	R.VMSMVDSVLLVVDAFDGMPQTRFVTKK.A	32
PLOG+7896	proteomics_log	4056691	4056759	+	1	250	R.VMSMVDSVLLVVDAFDGMPQTR.F	27
PLOG+7897	proteomics_log	4057114	4057164	+	1	2	R.GKVKPNQQVTIIDSEGK.T	21
PLOG+7898	proteomics_log	4057114	4057170	+	1	21	R.GKVKPNQQVTIIDSEGKTR.N	23
PLOG+7899	proteomics_log	4057120	4057170	+	1	57	K.VKPNQQVTIIDSEGKTR.N	21
PLOG+7900	proteomics_log	4057120	4057164	+	1	70	K.VKPNQQVTIIDSEGK.T	19
PLOG+7901	proteomics_log	4057171	4057215	+	1	19	R.NAKVGKVLGHLGLER.I	19
PLOG+7902	proteomics_log	4057180	4057215	+	1	179	K.VGKVLGHLGLER.I	16
PLOG+7903	proteomics_log	4057189	4057215	+	1	37	K.VLGHLGLER.I	13
PLOG+7904	proteomics_log	4057417	4057512	+	1	2	R.QILDRLNKELVHNVALRVEETEDADAFRVSGR.G	36
PLOG+7905	proteomics_log	4057417	4057500	+	1	3	R.QILDRLNKELVHNVALRVEETEDADAFR.V	32
PLOG+7906	proteomics_log	4057417	4057467	+	1	16	R.QILDRLNKELVHNVALR.V	21
PLOG+7907	proteomics_log	4057468	4057500	+	1	10	R.VEETEDADAFR.V	15
PLOG+7908	proteomics_log	4057513	4057551	+	1	20	R.GELHLSVLIENMR.R	17

PLOG+7909	proteomics_log	4057552	4057587	+	1	60	R.REGFELAVSRPK.V	16
PLOG+7910	proteomics_log	4057555	4057587	+	1	20	R.EGFELAVSRPK.V	15
PLOG+7911	proteomics_log	4057615	4057695	+	1	19	R.KQEPYENVTLDVEEQHQGSVMQALGER.K	31
PLOG+7912	proteomics_log	4057696	4057737	+	1	2	R.KGDLKNM*NPDGKGR.V	19
PLOG+7913	proteomics_log	4057696	4057731	+	1	7	R.KGDLKNMNPDK.G	16
PLOG+7914	proteomics_log	4057696	4057737	+	1	85	R.KGDLKNMNPDKGR.V	18
PLOG+7915	proteomics_log	4057738	4057785	+	1	4	R.VRLDYVIPSRLIGFR.S	20
PLOG+7916	proteomics_log	4057738	4057767	+	1	133	R.VRLDYVIPS.R	14
PLOG+7917	proteomics_log	4057786	4057878	+	1	33	R.SEFMTMTSGTGLLYSTFSHYDDVVRPGEVGQR.Q	35
PLOG+7918	proteomics_log	4057879	4057914	+	1	6	R.QNGVLISNGQGK.A	16
PLOG+7919	proteomics_log	4057915	4057956	+	1	9	K.AVAFALFGLQDRGK.L	18
PLOG+7920	proteomics_log	4057915	4057950	+	1	149	K.AVAFALFGLQDR.G	16
PLOG+7921	proteomics_log	4057951	4058016	+	1	86	R.GKFLGHGAEVYEGQIIGIHSR.S	26
PLOG+7922	proteomics_log	4057957	4058016	+	1	112	K.LFLGHGAEVYEGQIIGIHSR.S	24
PLOG+7923	proteomics_log	4058017	4058052	+	1	4	R.SNDLTVNCLTGK.K	16
PLOG+7924	proteomics_log	4058071	4058115	+	1	197	R.ASGTDEAVVLPPIR.M	19
PLOG+7925	proteomics_log	4058116	4058193	+	1	2	R.M*TLEQALEFIDDDDELVEVTPTSIRIR.K	31
PLOG+7926	proteomics_log	4058116	4058187	+	1	6	R.M*TLEQALEFIDDDDELVEVTPTSIR.I	29
PLOG+7927	proteomics_log	4058116	4058193	+	1	93	R.MTLEQALEFIDDDDELVEVTPTSIRIR.K	30
PLOG+7928	proteomics_log	4058116	4058187	+	1	187	R.MTLEQALEFIDDDDELVEVTPTSIR.I	28
PLOG+7929	proteomics_log	4058200	4058223	+	1	5	R.HLTENDRR.R	12
PLOG+7930	proteomics_log	4070827	4070886	+	1	3	R.HWHMQLVGDIKGDAKILMGK.I	24
PLOG+7931	proteomics_log	4075323	4075373	+	3	4	K.GASPDRAEALDYFVER.C	21
PLOG+7932	proteomics_log	4075769	4075813	+	2	2	K.GLGTLMAMTLESVAR.Q	19
PLOG+7933	proteomics_log	4098836	4098922	+	2	6	M.SYTLPSLPYAYDALEPHFDKQTM*EIHHTK.H	34
PLOG+7934	proteomics_log	4098836	4098922	+	2	21	M.SYTLPSLPYAYDALEPHFDKQTM*EIHHTK.H	33
PLOG+7935	proteomics_log	4098836	4098895	+	2	23	M.SYTLPSLPYAYDALEPHFDK.Q	24
PLOG+7936	proteomics_log	4098896	4098922	+	2	4	K.QTMEIHHTK.H	13
PLOG+7937	proteomics_log	4098923	4099003	+	2	5	K.HHQTYVNNANALESLEPEFANLPVEEL.I	31
PLOG+7938	proteomics_log	4098923	4099051	+	2	9	K.HHQTYVNNANALESLEPEFANLPVEELITKLDQLPADKKTVLR.N	47
PLOG+7939	proteomics_log	4098923	4099012	+	2	43	K.HHQTYVNNANALESLEPEFANLPVEELITK.L	34
PLOG+7940	proteomics_log	4098923	4099039	+	2	58	K.HHQTYVNNANALESLEPEFANLPVEELITKLDQLPADKK.T	43
PLOG+7941	proteomics_log	4098938	4099012	+	2	3	Y.VNNANALESLEPEFANLPVEELITK.L	29
PLOG+7942	proteomics_log	4099013	4099039	+	2	52	K.LDQLPADKK.T	13
PLOG+7943	proteomics_log	4099013	4099051	+	2	80	K.LDQLPADKKTVLR.N	17
PLOG+7944	proteomics_log	4099052	4099093	+	2	40	R.NNAGGHANHSLFWK.G	18
PLOG+7945	proteomics_log	4099094	4099189	+	2	7	K.GLKKGTTLQGDLKAAIERDFGSVDNFKAEFEK.A	36
PLOG+7946	proteomics_log	4099094	4099147	+	2	7	K.GLKKGTTLQGDLKAAIER.D	22
PLOG+7947	proteomics_log	4099094	4099132	+	2	53	K.GLKKGTTLQGDLK.A	17
PLOG+7948	proteomics_log	4099103	4099147	+	2	13	K.KGTTLQGDLKAAIER.D	19
PLOG+7949	proteomics_log	4099103	4099204	+	2	17	K.KGTTLQGDLKAAIERDFGSVDNFKAEFEKAAASR.F	38
PLOG+7950	proteomics_log	4099103	4099132	+	2	20	K.KGTTLQGDLK.A	14
PLOG+7951	proteomics_log	4099103	4099189	+	2	37	K.KGTTLQGDLKAAIERDFGSVDNFKAEFEK.A	33
PLOG+7952	proteomics_log	4099106	4099147	+	2	3	K.GTTLQGDLKAAIER.D	18
PLOG+7953	proteomics_log	4099106	4099204	+	2	13	K.GTTLQGDLKAAIERDFGSVDNFKAEFEKAAASR.F	37
PLOG+7954	proteomics_log	4099106	4099189	+	2	19	K.GTTLQGDLKAAIERDFGSVDNFKAEFEK.A	32

PLOG+7955	proteomics_log	4099133	4099204	+	2	72	K.AAIERDFGSVDNFKAEFKAAASR.F	28
PLOG+7956	proteomics_log	4099133	4099189	+	2	144	K.AAIERDFGSVDNFKAEFK.A	23
PLOG+7957	proteomics_log	4099148	4099174	+	2	6	R.DFGSVDNFK.A	13
PLOG+7958	proteomics_log	4099148	4099189	+	2	110	R.DFGSVDNFKAEFK.A	18
PLOG+7959	proteomics_log	4099148	4099204	+	2	138	R.DFGSVDNFKAEFKAAASR.F	23
PLOG+7960	proteomics_log	4099154	4099189	+	2	2	F.GSVDNFKAEFK.A	16
PLOG+7961	proteomics_log	4099175	4099204	+	2	6	K.AEFKAAASR.F	14
PLOG+7962	proteomics_log	4099205	4099330	+	2	4	R.FGSGWAWLVKLGDKLAVVSTANQDSPLMGEAISGASGFPIMG.L	46
PLOG+7963	proteomics_log	4099205	4099246	+	2	52	R.FGSGWAWLVKLGDK.L	18
PLOG+7964	proteomics_log	4099205	4099237	+	2	71	R.FGSGWAWLVK.G	15
PLOG+7965	proteomics_log	4099238	4099363	+	2	2	K.GDKLAVVSTANQDSPLM*GEAISGASGFPIMGLDVWEHAYLK.F	47
PLOG+7966	proteomics_log	4099238	4099363	+	2	2	K.GDKLAVVSTANQDSPLM*GEAISGASGFPIMGLDVWEHAYLK.F	48
PLOG+7967	proteomics_log	4099238	4099363	+	2	55	K.GDKLAVVSTANQDSPLMGEAISGASGFPIMGLDVWEHAYLK.F	46
PLOG+7968	proteomics_log	4099244	4099363	+	2	2	D.KLAVVSTANQDSPLMGEAISGASGFPIMGLDVWEHAYLK.F	44
PLOG+7969	proteomics_log	4099247	4099363	+	2	2	K.LAVVSTANQDSPLMGEAISGASGFPIMGLDVWEHAYLK.F	44
PLOG+7970	proteomics_log	4099247	4099363	+	2	56	K.LAVVSTANQDSPLMGEAISGASGFPIMGLDVWEHAYLK.F	43
PLOG+7971	proteomics_log	4099304	4099363	+	2	2	S.GASGFPIMGLDVWEHAYLK.F	24
PLOG+7972	proteomics_log	4099364	4099435	+	2	165	K.FQNRDPYIKFVWVNVWDEAAAR.F	28
PLOG+7973	proteomics_log	4099376	4099435	+	2	309	R.RPDYIKFVWVNVWDEAAAR.F	24
PLOG+7974	proteomics_log	4099394	4099435	+	2	30	K.EFVWVNVWDEAAAR.F	18
PLOG+7975	proteomics_log	4101055	4101159	+	1	4	R.EFPEQALFVAPAFGENLSTDGLTESNVYM*GDIFR.W	40
PLOG+7976	proteomics_log	4101268	4101339	+	1	2	K.VGWLYSVIAPGKVSADAPLELVSR.V	28
PLOG+7977	proteomics_log	4105575	4105652	+	3	19	V.MIKKIGVLTSGGDAPGMNAAIRGVVR.S	30
PLOG+7978	proteomics_log	4105575	4105640	+	3	31	V.MIKKIGVLTSGGDAPGMNAAIR.G	26
PLOG+7979	proteomics_log	4105584	4105652	+	3	4	K.KIGVLTSGGDAPGMNAAIRGVVR.S	27
PLOG+7980	proteomics_log	4105584	4105640	+	3	6	K.KIGVLTSGGDAPGMNAAIR.G	23
PLOG+7981	proteomics_log	4105587	4105628	+	3	2	K.IGVLTSGGDAPGM*N.A	19
PLOG+7982	proteomics_log	4105587	4105640	+	3	3	K.IGVLTSGGDAPGM*NAAIR.G	23
PLOG+7983	proteomics_log	4105587	4105652	+	3	7	K.IGVLTSGGDAPGMNAAIRGVVR.S	26
PLOG+7984	proteomics_log	4105587	4105640	+	3	93	K.IGVLTSGGDAPGMNAAIR.G	22
PLOG+7985	proteomics_log	4105653	4105721	+	3	26	R.SALTEGLEVMGIYDGYLGLYEDR.M	27
PLOG+7986	proteomics_log	4105722	4105766	+	3	2	R.MVQLDRYSVSDMINR.G	19
PLOG+7987	proteomics_log	4105740	4105766	+	3	3	R.YSVSDMINR.G	13
PLOG+7988	proteomics_log	4106034	4106063	+	3	11	R.LRDTSSSHQR.I	14
PLOG+7989	proteomics_log	4106064	4106090	+	3	35	R.ISVVEVMGR.Y	13
PLOG+7990	proteomics_log	4106307	4106360	+	3	2	R.ATVLGHIQRGGSPVPYDR.I	22
PLOG+7991	proteomics_log	4106307	4106375	+	3	25	R.ATVLGHIQRGGSPVPYDRILASR.M	27
PLOG+7992	proteomics_log	4106307	4106333	+	3	102	R.ATVLGHIQR.G	13
PLOG+7993	proteomics_log	4106376	4106423	+	3	11	R.M*GAYAIDLLLAGYGGR.C	21
PLOG+7994	proteomics_log	4106376	4106423	+	3	226	R.MGAYAIDLLLAGYGGR.C	20
PLOG+7995	proteomics_log	4106887	4106955	+	1	4	F.LLAATSVM*AKDIQLLNVSYPTR.E	28
PLOG+7996	proteomics_log	4106914	4106979	+	1	2	A.KDIQLLNVSYPTRRELYEQYNK.A	26
PLOG+7997	proteomics_log	4107055	4107138	+	1	33	K.QATSVINGIADVVTLALAYDVAIAER.G	32
PLOG+7998	proteomics_log	4107166	4107219	+	1	3	K.RLPDNSAPYTSTIVFLVR.K	22
PLOG+7999	proteomics_log	4107394	4107435	+	1	30	R.ALYKNVEVLDSGAR.G	18
PLOG+8000	proteomics_log	4107406	4107435	+	1	2	K.NVEVLDSGAR.G	14

PLOG+8001	proteomics_log	4107463	4107528	+	1	2	R.GIGDVLIAWENEALLAANELGK.D	26
PLOG+8002	proteomics_log	4107646	4107684	+	1	5	K.YLYSPEGQEIAAK.N	17
PLOG+8003	proteomics_log	4107745	4107789	+	1	3	K.LKLFTIDEEFGGWTK.A	19
PLOG+8004	proteomics_log	4107751	4107789	+	1	18	K.LFTIDEEFGGWTK.A	17
PLOG+8005	proteomics_log	4107790	4107843	+	1	11	K.AQKEHFANGGTFDQISKR.-	22
PLOG+8006	proteomics_log	4111319	4111399	+	2	21	M.AYKHIGVAISGNEEDALLVNKALELAR.H	31
PLOG+8007	proteomics_log	4111400	4111504	+	2	21	R.HNDAHLTLIHIDDGLSELYPGIYFPATEDILQLLK.N	39
PLOG+8008	proteomics_log	4111670	4111741	+	2	16	R.LMPAYRGMINKMSADLLIVPFIDK.-	28
PLOG+8009	proteomics_log	4111703	4111741	+	2	63	K.MSADLLIVPFIDK.-	17
PLOG+8010	proteomics_log	4116541	4116642	+	1	2	M.TM*SLEVFLEKLEAKVQQAIDTITLLQM*EIEELKEK.N	40
PLOG+8011	proteomics_log	4116547	4116642	+	1	97	M.SLEVFLEKLEAKVQQAIDTITLLQMEIEELKEK.N	36
PLOG+8012	proteomics_log	4116547	4116579	+	1	195	M.SLEVFLEKLEAK.V	15
PLOG+8013	proteomics_log	4116568	4116642	+	1	3	K.LEAKVQQAIDTITLLQMEIEELKEK.N	29
PLOG+8014	proteomics_log	4116580	4116687	+	1	2	K.VQQAIDTITLLQMEIEELKEKNNSLSQEVQNAQHQR.E	40
PLOG+8015	proteomics_log	4116580	4116642	+	1	5	K.VQQAIDTITLLQM*EIEELKEK.N	26
PLOG+8016	proteomics_log	4116580	4116687	+	1	2	K.VQQAIDTITLLQM*EIEELKEKNNSLSQEVQNAQHQR.E	41
PLOG+8017	proteomics_log	4116580	4116642	+	1	106	K.VQQAIDTITLLQMEIEELKEK.N	25
PLOG+8018	proteomics_log	4116583	4116687	+	1	17	V.QQAIDTITLLQMEIEELKEKNNSLSQEVQNAQHQR.E	39
PLOG+8019	proteomics_log	4116643	4116687	+	1	10	K.NNSLSQEVQNAQHQR.E	19
PLOG+8020	proteomics_log	4116685	4116702	+	1	3	Q.REELER.E	10
PLOG+8021	proteomics_log	4116688	4116747	+	1	3	R.EELERENHLKEQQNGWQER.L	24
PLOG+8022	proteomics_log	4116748	4116780	+	1	9	R.LQALLGRMEEV.-	15
PLOG+8023	proteomics_log	4116748	4116768	+	1	22	R.LQALLGR.M	11
PLOG+8024	proteomics_log	4122866	4122913	+	2	9	T.QLLQEQRVRLVIMIFR.T	20
PLOG+8025	proteomics_log	4125036	4125104	+	3	6	P.MKKDIHPKYEEITASCSCGNVMK.I	27
PLOG+8026	proteomics_log	4125036	4125110	+	3	7	P.MKKDIHPKYEEITASCSCGNVMKIR.S	29
PLOG+8027	proteomics_log	4125036	4125059	+	3	20	P.MKKDIHPK.Y	12
PLOG+8028	proteomics_log	4125060	4125104	+	3	3	K.YEEITASCSCGNVMK.I	19
PLOG+8029	proteomics_log	4125060	4125107	+	3	11	K.YEEITASCSCGNVMKI.R	20
PLOG+8030	proteomics_log	4125111	4125152	+	3	8	R.STVGHDNLNLDVCSK.C	18
PLOG+8031	proteomics_log	4125111	4125182	+	3	8	R.STVGHDNLNLDVCSKCHPFFTQKQR.D	28
PLOG+8032	proteomics_log	4125111	4125176	+	3	11	R.STVGHDNLNLDVCSKCHPFFTQK.Q	26
PLOG+8033	proteomics_log	4125177	4125203	+	3	3	K.QRDVATGGR.V	13
PLOG+8034	proteomics_log	4125183	4125209	+	3	3	R.DVATGGRVD.R	13
PLOG+8035	proteomics_log	4125183	4125221	+	3	3	R.DVATGGRVDRFNK.R	17
PLOG+8036	proteomics_log	4125222	4125245	+	3	14	K.RFNIPGSK.-	12
PLOG+8037	proteomics_log	4125225	4125245	+	3	21	R.FNIPGSK.-	11
PLOG+8038	proteomics_log	4126698	4126727	+	3	18	M.TRKQATI AVR.S	14
PLOG+8039	proteomics_log	4126839	4126871	+	3	7	R.RGNPTRDVVQR.A	15
PLOG+8040	proteomics_log	4127049	4127087	+	3	5	R.VLFVDQGDQALR.A	17
PLOG+8041	proteomics_log	4127112	4127150	+	3	10	K.LVLVESPSNPLLR.V	17
PLOG+8042	proteomics_log	4127187	4127255	+	3	3	R.EVGAVSVVDNTFLSPALQNPLAL.G	27
PLOG+8043	proteomics_log	4127187	4127243	+	3	6	R.EVGAVSVVDNTFLSPALQN.P	23
PLOG+8044	proteomics_log	4127514	4127567	+	3	6	K.KLYHPSLPENQGHEIAAR.Q	22
PLOG+8045	proteomics_log	4127631	4127744	+	3	17	R.RFLGGLSLFTLAESLGGVESLISHAATMTHAGMAPEAR.A	42
PLOG+8046	proteomics_log	4127634	4127744	+	3	2	R.FLGGLSLFTLAESLGGVESLISHAATM*THAGMAPEAR.A	42

PLOG+8047	proteomics_log	4127634	4127744	+	3	2	R.FLGGLSLFTLAESLGGVESLISHAATM*THAGM*APEAR.A	43
PLOG+8048	proteomics_log	4127634	4127744	+	3	12	R.FLGGLSLFTLAESLGGVESLISHAATMTHAGM*APEAR.A	42
PLOG+8049	proteomics_log	4127634	4127744	+	3	129	R.FLGGLSLFTLAESLGGVESLISHAATMTHAGMAPEAR.A	41
PLOG+8050	proteomics_log	4127670	4127744	+	3	10	E.SLGGVESLISHAATMTHAGMAPEAR.A	29
PLOG+8051	proteomics_log	4127745	4127837	+	3	19	R.AAAGISETLLRISTGIEDGEDLIADLENGFR.A	35
PLOG+8052	proteomics_log	4127745	4127852	+	3	45	R.AAAGISETLLRISTGIEDGEDLIADLENGFRAANKG.-	40
PLOG+8053	proteomics_log	4127745	4127777	+	3	85	R.AAAGISETLLR.I	15
PLOG+8054	proteomics_log	4127778	4127852	+	3	10	R.ISTGIEDGEDLIADLENGFRAANKG.-	29
PLOG+8055	proteomics_log	4127778	4127837	+	3	167	R.ISTGIEDGEDLIADLENGFR.A	24
PLOG+8056	proteomics_log	4127861	4127893	+	2	2	M.SVIAQAGAKGR.Q	15
PLOG+8057	proteomics_log	4128617	4128643	+	2	2	R.LDEASELAR.L	13
PLOG+8058	proteomics_log	4128644	4128670	+	2	13	R.LAAPVLHAR.T	13
PLOG+8059	proteomics_log	4128671	4128715	+	2	21	R.TLQPVSGSEIDLQLR.C	19
PLOG+8060	proteomics_log	4130234	4130287	+	2	2	R.DVTAGAIQSDINRLAQLL.-	22
PLOG+8061	proteomics_log	4130234	4130272	+	2	3	R.DVTAGAIQSDINR.L	17
PLOG+8062	proteomics_log	4130738	4130779	+	2	5	R.TSEMEQTLWNSIDR.L	18
PLOG+8063	proteomics_log	4130738	4130800	+	2	26	R.TSEMEQTLWNSIDRLSSLKPK.F	25
PLOG+8064	proteomics_log	4130801	4130839	+	2	2	K.FVSVTYGANSGER.D	17
PLOG+8065	proteomics_log	4130801	4130863	+	2	2	K.FVSVTYGANSGERDRTHSIIK.G	25
PLOG+8066	proteomics_log	4130993	4131118	+	2	2	R.GDLPPGSGKPEMYASDLVTLLEKAVDFDISVAAYPEVHPEAK.S	46
PLOG+8067	proteomics_log	4131119	4131148	+	2	2	K.SAQADLLNLK.R	14
PLOG+8068	proteomics_log	4131119	4131154	+	2	3	K.SAQADLLNLKRK.V	16
PLOG+8069	proteomics_log	4131119	4131175	+	2	4	K.SAQADLLNLKRKVDAGANR.A	23
PLOG+8070	proteomics_log	4131119	4131151	+	2	83	K.SAQADLLNLKR.K	15
PLOG+8071	proteomics_log	4131149	4131175	+	2	3	K.RKVDAGANR.A	13
PLOG+8072	proteomics_log	4131176	4131205	+	2	3	R.AITQFFFDVE.S	14
PLOG+8073	proteomics_log	4131176	4131217	+	2	201	R.AITQFFFDVESYLR.F	18
PLOG+8074	proteomics_log	4131302	4131328	+	2	3	K.KFADMTNVR.I	13
PLOG+8075	proteomics_log	4131302	4131349	+	2	16	K.KFADMTNVRIPAWMAQ.M	20
PLOG+8076	proteomics_log	4131329	4131388	+	2	3	R.IPAWMAQMFGLDDDAETRK.L	24
PLOG+8077	proteomics_log	4131329	4131385	+	2	31	R.IPAWMAQMFGLDDDAETR.K	23
PLOG+8078	proteomics_log	4131386	4131424	+	2	23	R.KLVGANIAMDMVK.I	17
PLOG+8079	proteomics_log	4131389	4131424	+	2	7	K.LVGANIAMDMVK.I	16
PLOG+8080	proteomics_log	4131425	4131475	+	2	2	K.ILSREGVKDFHFYTLNR.A	21
PLOG+8081	proteomics_log	4131861	4131902	+	3	11	M.STSDDIHNTTATGK.C	18
PLOG+8082	proteomics_log	4131984	4132013	+	3	17	R.VDLLNQHSNR.S	14
PLOG+8083	proteomics_log	4132095	4132163	+	3	8	K.ALLTESQPWWPADWGSYAGLFR.M	27
PLOG+8084	proteomics_log	4132326	4132388	+	3	29	K.ISWADLFIAGNVALENSGFR.T	25
PLOG+8085	proteomics_log	4132500	4132622	+	3	2	K.APLGATEM*GLIYVNPEGPDHSGEPLSAAAAAIRATFGNM*GM*N.D	48
PLOG+8086	proteomics_log	4132884	4132961	+	3	5	R.SPAGAIQFEAVDAPEIIPDFDPSKK.R	30
PLOG+8087	proteomics_log	4133031	4133075	+	3	5	R.RFLNDPQAFNEAFAR.A	19
PLOG+8088	proteomics_log	4133034	4133075	+	3	93	R.FLNDPQAFNEAFAR.A	18
PLOG+8089	proteomics_log	4133121	4133219	+	3	20	R.YIGPEVPKEDLIWQDPLPQPIYNPTEQDIIDLK.F	37
PLOG+8090	proteomics_log	4133331	4133381	+	3	92	R.LALMPQRDWDVNAAAVR.A	21
PLOG+8091	proteomics_log	4133403	4133474	+	3	4	K.IQKESGKASLADIIVLAVGVVEK.A	28
PLOG+8092	proteomics_log	4133424	4133474	+	3	10	K.ASLADIIVLAVGVVEK.A	21



PLOG+8093	proteomics_log	4133424	4133525	+	3	12	K.ASLADIIVLAGVVGVEKAASAAGLSIHVPFAPGR.V	38
PLOG+8094	proteomics_log	4133475	4133537	+	3	5	K.AASAAGLSIHVPFAPGRVDAR.Q	25
PLOG+8095	proteomics_log	4133475	4133525	+	3	23	K.AASAAGLSIHVPFAPGR.V	21
PLOG+8096	proteomics_log	4133538	4133606	+	3	14	R.QDQTDIEMFELLEPIADGFRNYR.A	27
PLOG+8097	proteomics_log	4133538	4133597	+	3	46	R.QDQTDIEMFELLEPIADGFR.N	24
PLOG+8098	proteomics_log	4133607	4133708	+	3	8	R.ARLDVSTTESLLIDKAQQLTLTAPEMTALVGGMR.V	38
PLOG+8099	proteomics_log	4133613	4133708	+	3	5	R.LDVSTTESLLIDKAQQLTLTAPEMTALVGGM*R.V	37
PLOG+8100	proteomics_log	4133613	4133708	+	3	39	R.LDVSTTESLLIDKAQQLTLTAPEMTALVGGMR.V	36
PLOG+8101	proteomics_log	4133652	4133708	+	3	6	K.AQQLTLTAPEMTALVGGMR.V	23
PLOG+8102	proteomics_log	4133709	4133807	+	3	2	R.VLGANFDGSKNGVFTDRVGVLSNDDFFVNLLDM*R.Y	38
PLOG+8103	proteomics_log	4133709	4133807	+	3	2	R.VLGANFDGSKNGVFTDRVGVLSNDDFFVNLLDMR.Y	37
PLOG+8104	proteomics_log	4133736	4133807	+	3	3	S.KNGVFTDRVGVLSNDDFFVNLLDMR.Y	28
PLOG+8105	proteomics_log	4133739	4133807	+	3	12	K.NGVFTDRVGVLSNDDFFVNLLDMR.Y	27
PLOG+8106	proteomics_log	4133760	4133807	+	3	6	R.VGVLSNDDFFVNLLDM*R.Y	21
PLOG+8107	proteomics_log	4133760	4133807	+	3	81	R.VGVLSNDDFFVNLLDMR.Y	20
PLOG+8108	proteomics_log	4133931	4134005	+	3	30	R.AVAEVYASSDAHEKFVKDFVAAWVK.V	29
PLOG+8109	proteomics_log	4133973	4134005	+	3	2	K.FVKDFVAAWVK.V	15
PLOG+8110	proteomics_log	4134006	4134035	+	3	75	K.VMNLDRFDLL.-	14
PLOG+8111	proteomics_log	4143513	4143581	+	3	2	R.LSAIVWKKAAILPM*AARVITSPA.Y	28
PLOG+8112	proteomics_log	4153663	4153734	+	1	2	R.HQPEIATHLGADVIFTPHLGNFPR.G	28
PLOG+8113	proteomics_log	4153762	4153836	+	1	6	R.LKSGVTQAQVAQVLQQAAYAHKPLVR.L	29
PLOG+8114	proteomics_log	4153768	4153836	+	1	4	K.SGVTQAQVAQVLQQAAYAHKPLVR.L	27
PLOG+8115	proteomics_log	4153996	4154025	+	1	6	R.FGYAETQSLI.-	14
PLOG+8116	proteomics_log	4154039	4154101	+	2	18	M.MNPLIIKLGVLDDSEEALER.L	25
PLOG+8117	proteomics_log	4154060	4154128	+	2	17	K.LGGVLLDSEEALERLFSALVNYR.E	27
PLOG+8118	proteomics_log	4154060	4154101	+	2	100	K.LGGVLLDSEEALER.L	18
PLOG+8119	proteomics_log	4154222	4154314	+	2	10	K.NGLRVTPADQIDIITGALAGTANKTLLAWAK.K	35
PLOG+8120	proteomics_log	4154234	4154293	+	2	27	R.VTPADQIDIITGALAGTANK.T	24
PLOG+8121	proteomics_log	4154315	4154428	+	2	5	K.KHQIAAVGLFLGDGDSVKVTQLDEELGHVGLAQPGSPK.L	42
PLOG+8122	proteomics_log	4154369	4154428	+	2	17	K.VTQLDEELGHVGLAQPGSPK.L	24
PLOG+8123	proteomics_log	4154429	4154470	+	2	3	K.LINSLLENGYLPVV.S	18
PLOG+8124	proteomics_log	4154483	4154611	+	2	5	G.VTDEGQLMNVNADQAATALAATLGADLILLSVSGILDGKGQR.I	47
PLOG+8125	proteomics_log	4154543	4154611	+	2	9	A.ATLGADLILLSVSGILDGKGQR.I	27
PLOG+8126	proteomics_log	4154612	4154683	+	2	9	R.IAEMTAAKAEQLIEQGIITDGMIV.K	28
PLOG+8127	proteomics_log	4154612	4154686	+	2	13	R.IAEMTAAKAEQLIEQGIITDGMIVK.V	29
PLOG+8128	proteomics_log	4154612	4154713	+	2	19	R.IAEMTAAKAEQLIEQGIITDGMIVKVNAAALDAAR.T	38
PLOG+8129	proteomics_log	4154636	4154683	+	2	2	K.AEQLIEQGIITDGMIV.K	20
PLOG+8130	proteomics_log	4154636	4154683	+	2	2	K.AEQLIEQGIITDGM*IV.K	21
PLOG+8131	proteomics_log	4154687	4154713	+	2	7	K.VNAAALDAAR.T	13
PLOG+8132	proteomics_log	4154714	4154749	+	2	4	R.TLGRPVDIASWR.H	16
PLOG+8133	proteomics_log	4154750	4154800	+	2	6	R.HAEQLPALFNGMPMGTR.I	21
PLOG+8134	proteomics_log	4154876	4154917	+	2	2	M.ALWGGFRFTAADQR.F	18
PLOG+8135	proteomics_log	4154894	4154917	+	2	44	R.FTQAADQR.F	12
PLOG+8136	proteomics_log	4154918	4154944	+	2	47	R.FKQFNDSL.R.F	13
PLOG+8137	proteomics_log	4154957	4154998	+	2	31	R.LAEQDIVGSAVWSK.A	18
PLOG+8138	proteomics_log	4154999	4155082	+	2	386	K.ALVTGVLTAEQAQLEALNVLLEDVR.A	32

PLOG+8139	proteomics_log	4155023	4155082	+	2	20	L.TAEFAQLEALNVLLEDVR.A	24
PLOG+8140	proteomics_log	4155083	4155145	+	2	51	R.ARPQQILESDAEDIHSWVEGK.L	25
PLOG+8141	proteomics_log	4155146	4155193	+	2	4	K.LIDKVGQLGKKLHTGR.S	20
PLOG+8142	proteomics_log	4155146	4155178	+	2	10	K.LIDKVGQLGKK.L	15
PLOG+8143	proteomics_log	4155146	4155175	+	2	71	K.LIDKVGQLGK.K	14
PLOG+8144	proteomics_log	4155194	4155226	+	2	5	R.SRNDQVATDLK.L	15
PLOG+8145	proteomics_log	4155239	4155271	+	2	2	K.DTVSELLTANR.Q	15
PLOG+8146	proteomics_log	4155272	4155349	+	2	91	R.QLQSALVETAQNNQDAVMPGYTHLQR.A	30
PLOG+8147	proteomics_log	4155542	4155625	+	2	200	R.NSLDSVSDRDHVLELLSAAAIGMVHLSR.F	32
PLOG+8148	proteomics_log	4155725	4155751	+	2	4	K.NPDALELIR.G	13
PLOG+8149	proteomics_log	4155767	4155796	+	2	2	R.VQGALTGM*M*M*.T	17
PLOG+8150	proteomics_log	4155767	4155805	+	2	20	R.VQGALTGMMMTLK.G	17
PLOG+8151	proteomics_log	4156004	4156108	+	2	7	K.GVPFREAHHIVGEAVVEAIRQGKPLEDLPLSELQK.F	39
PLOG+8152	proteomics_log	4156004	4156063	+	2	24	K.GVPFREAHHIVGEAVVEAIR.Q	24
PLOG+8153	proteomics_log	4156019	4156063	+	2	3	R.EAHHIVGEAVVEAIR.Q	19
PLOG+8154	proteomics_log	4156064	4156108	+	2	2	R.QGKPLEDLPLSELQK.F	19
PLOG+8155	proteomics_log	4156175	4156237	+	2	46	R.AAKGGVSPQQVAQIAFAQAR.L	25
PLOG+8156	proteomics_log	4156184	4156237	+	2	146	K.GGVSPQQVAQIAFAQAR.L	22
PLOG+8157	proteomics_log	4156513	4156560	+	1	5	I.M*NIRDLEYLVALAEHR.H	21
PLOG+8158	proteomics_log	4156513	4156560	+	1	103	I.MNIRDLEYLVALAEHR.H	20
PLOG+8159	proteomics_log	4156624	4156662	+	1	68	R.KLEDELGVMLLER.T	17
PLOG+8160	proteomics_log	4156672	4156719	+	1	36	R.KVLFTQAGMLLVQDQAR.T	20
PLOG+8161	proteomics_log	4156675	4156719	+	1	2	K.VLFTQAGMLLVQDQAR.T	19
PLOG+8162	proteomics_log	4159186	4159227	+	1	5	R.SLVEAAFSQLSAER.S	18
PLOG+8163	proteomics_log	4159525	4159587	+	1	14	R.EIQHFIAELADYLELENHMPR.A	25
PLOG+8164	proteomics_log	4162322	4162378	+	2	3	K.TLYGALEHNFTDAWSGFVR.G	23
PLOG+8165	proteomics_log	4163342	4163407	+	2	4	K.MGGVSLWDLAVAYPVTSHLTVR.G	26
PLOG+8166	proteomics_log	4163820	4163858	+	3	2	R.LTANGIVGLLATR.G	17
PLOG+8167	proteomics_log	4164120	4164149	+	3	2	R.LVDSGAAIAR.R	14
PLOG+8168	proteomics_log	4170638	4170721	+	2	2	P.VLTYGDLTRLDPPTVTPQQVFNAVCHMR.T	32
PLOG+8169	proteomics_log	4173982	4174080	+	1	8	K.FERTKPHVNVGTIGHVDHGKTTLTAAITTVLAK.T	37
PLOG+8170	proteomics_log	4173982	4174080	+	1	8	K.FERTKPHVNVGTIGHVDHGKTTLTAAITTVLAK.T	37
PLOG+8171	proteomics_log	4173991	4174053	+	1	3	R.TKPHVNVGTIGHVDHGKTTLT.A	25
PLOG+8172	proteomics_log	4173991	4174035	+	1	8	R.TKPHVNVGTIGHVDH.G	19
PLOG+8173	proteomics_log	4173991	4174101	+	1	49	R.TKPHVNVGTIGHVDHGKTTLTAAITTVLAKTYGGAAR.A	41
PLOG+8174	proteomics_log	4173991	4174041	+	1	225	R.TKPHVNVGTIGHVDHGK.T	21
PLOG+8175	proteomics_log	4173991	4174080	+	1	526	R.TKPHVNVGTIGHVDHGKTTLTAAITTVLAK.T	34
PLOG+8176	proteomics_log	4173991	4174053	+	1	3	R.TKPHVNVGTIGHVDHGKTTLT.A	25
PLOG+8177	proteomics_log	4173991	4174035	+	1	8	R.TKPHVNVGTIGHVDH.G	19
PLOG+8178	proteomics_log	4173991	4174101	+	1	49	R.TKPHVNVGTIGHVDHGKTTLTAAITTVLAKTYGGAAR.A	41
PLOG+8179	proteomics_log	4173991	4174041	+	1	225	R.TKPHVNVGTIGHVDHGK.T	21
PLOG+8180	proteomics_log	4173991	4174080	+	1	526	R.TKPHVNVGTIGHVDHGKTTLTAAITTVLAK.T	34
PLOG+8181	proteomics_log	4173997	4174041	+	1	2	K.PHVNVGTIGHVDHGK.T	19
PLOG+8182	proteomics_log	4173997	4174101	+	1	25	K.PHVNVGTIGHVDHGKTTLTAAITTVLAKTYGGAAR.A	39
PLOG+8183	proteomics_log	4173997	4174041	+	1	2	K.PHVNVGTIGHVDHGK.T	19
PLOG+8184	proteomics_log	4173997	4174101	+	1	25	K.PHVNVGTIGHVDHGKTTLTAAITTVLAKTYGGAAR.A	39

PLOG+8185	proteomics_log	4174012	4174080	+	1	2	V.GTIGHVDH GKTTLTA AITTVLAK.T	27
PLOG+8186	proteomics_log	4174012	4174080	+	1	2	V.GTIGHVDH GKTTLTA AITTVLAK.T	27
PLOG+8187	proteomics_log	4174021	4174080	+	1	12	I.GHVDH GKTTLTA AITTVLAK.T	24
PLOG+8188	proteomics_log	4174021	4174080	+	1	12	I.GHVDH GKTTLTA AITTVLAK.T	24
PLOG+8189	proteomics_log	4174042	4174101	+	1	247	K.TTLTA AITTVLAKTYGGAAR.A	24
PLOG+8190	proteomics_log	4174042	4174080	+	1	713	K.TTLTA AITTVLAK.T	17
PLOG+8191	proteomics_log	4174042	4174101	+	1	247	K.TTLTA AITTVLAKTYGGAAR.A	24
PLOG+8192	proteomics_log	4174042	4174080	+	1	713	K.TTLTA AITTVLAK.T	17
PLOG+8193	proteomics_log	4174045	4174101	+	1	3	T.TLTA AITTVLAKTYGGAAR.A	23
PLOG+8194	proteomics_log	4174045	4174101	+	1	3	T.TLTA AITTVLAKTYGGAAR.A	23
PLOG+8195	proteomics_log	4174078	4174143	+	1	3	A.KTYGGAARAFDQIDNAPEEKAR.G	26
PLOG+8196	proteomics_log	4174078	4174143	+	1	3	A.KTYGGAARAFDQIDNAPEEKAR.G	26
PLOG+8197	proteomics_log	4174081	4174137	+	1	6	K.TYGGAARAFDQIDNAPEEK.A	23
PLOG+8198	proteomics_log	4174081	4174143	+	1	42	K.TYGGAARAFDQIDNAPEEKAR.G	25
PLOG+8199	proteomics_log	4174081	4174137	+	1	6	K.TYGGAARAFDQIDNAPEEK.A	23
PLOG+8200	proteomics_log	4174081	4174143	+	1	42	K.TYGGAARAFDQIDNAPEEKAR.G	25
PLOG+8201	proteomics_log	4174102	4174131	+	1	17	R.AFDQIDNAPE.E	14
PLOG+8202	proteomics_log	4174102	4174143	+	1	455	R.AFDQIDNAPEEKAR.G	18
PLOG+8203	proteomics_log	4174102	4174137	+	1	625	R.AFDQIDNAPEEK.A	16
PLOG+8204	proteomics_log	4174102	4174131	+	1	17	R.AFDQIDNAPE.E	14
PLOG+8205	proteomics_log	4174102	4174143	+	1	455	R.AFDQIDNAPEEKAR.G	18
PLOG+8206	proteomics_log	4174102	4174137	+	1	625	R.AFDQIDNAPEEK.A	16
PLOG+8207	proteomics_log	4174105	4174143	+	1	2	A.FDQIDNAPEEKAR.G	17
PLOG+8208	proteomics_log	4174105	4174137	+	1	7	A.FDQIDNAPEEK.A	15
PLOG+8209	proteomics_log	4174105	4174143	+	1	2	A.FDQIDNAPEEKAR.G	17
PLOG+8210	proteomics_log	4174105	4174137	+	1	7	A.FDQIDNAPEEK.A	15
PLOG+8211	proteomics_log	4174108	4174143	+	1	24	F.DQIDNAPEEKAR.G	16
PLOG+8212	proteomics_log	4174108	4174143	+	1	24	F.DQIDNAPEEKAR.G	16
PLOG+8213	proteomics_log	4174114	4174143	+	1	22	Q.IDNAPEEKAR.G	14
PLOG+8214	proteomics_log	4174114	4174143	+	1	22	Q.IDNAPEEKAR.G	14
PLOG+8215	proteomics_log	4174138	4174191	+	1	250	K.ARGITINTSHVEYDTPTR.H	22
PLOG+8216	proteomics_log	4174138	4174191	+	1	250	K.ARGITINTSHVEYDTPTR.H	22
PLOG+8217	proteomics_log	4174144	4174194	+	1	4	R.GITINTSHVEYDTPTRH.Y	21
PLOG+8218	proteomics_log	4174144	4174236	+	1	10	R.GITINTSHVEYDTPTRHYAHVDCPGHADYVK.N	35
PLOG+8219	proteomics_log	4174144	4174209	+	1	59	R.GITINTSHVEYDTPTRHYAHVD.C	26
PLOG+8220	proteomics_log	4174144	4174191	+	1	452	R.GITINTSHVEYDTPTR.H	20
PLOG+8221	proteomics_log	4174144	4174194	+	1	4	R.GITINTSHVEYDTPTRH.Y	21
PLOG+8222	proteomics_log	4174144	4174236	+	1	10	R.GITINTSHVEYDTPTRHYAHVDCPGHADYVK.N	35
PLOG+8223	proteomics_log	4174144	4174209	+	1	59	R.GITINTSHVEYDTPTRHYAHVD.C	26
PLOG+8224	proteomics_log	4174144	4174191	+	1	452	R.GITINTSHVEYDTPTR.H	20
PLOG+8225	proteomics_log	4174150	4174191	+	1	39	I.TINTSHVEYDTPTR.H	18
PLOG+8226	proteomics_log	4174150	4174191	+	1	39	I.TINTSHVEYDTPTR.H	18
PLOG+8227	proteomics_log	4174192	4174236	+	1	15	R.HYAHVDCPGHADYVK.N	19
PLOG+8228	proteomics_log	4174192	4174236	+	1	15	R.HYAHVDCPGHADYVK.N	19
PLOG+8229	proteomics_log	4174237	4174266	+	1	2	K.NM*ITGAAQM*D.G	16
PLOG+8230	proteomics_log	4174237	4174317	+	1	2	K.NM*ITGAAQMDGAILVVAATDGPM*PQTR.E	33

PLOG+8231	proteomics_log	4174237	4174317	+	1	3	K.NM*ITGAAQMDGAILVVAATDGPM*PQTR.E	32
PLOG+8232	proteomics_log	4174237	4174338	+	1	3	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTR.HILLGR.Q	41
PLOG+8233	proteomics_log	4174237	4174317	+	1	3	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTR.E	33
PLOG+8234	proteomics_log	4174237	4174317	+	1	8	K.NMITGAAQMDGAILVVAATDGPM*PQTR.E	32
PLOG+8235	proteomics_log	4174237	4174317	+	1	10	K.NMITGAAQM*DGAILVVAATDGPM*PQTR.E	32
PLOG+8236	proteomics_log	4174237	4174317	+	1	2	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTR.E	34
PLOG+8237	proteomics_log	4174237	4174338	+	1	45	K.NMITGAAQMDGAILVVAATDGPM*PQTR.HILLGR.Q	38
PLOG+8238	proteomics_log	4174237	4174317	+	1	1593	K.NMITGAAQMDGAILVVAATDGPM*PQTR.E	31
PLOG+8239	proteomics_log	4174237	4174266	+	1	2	K.NM*ITGAAQM*D.G	16
PLOG+8240	proteomics_log	4174237	4174317	+	1	2	K.NM*ITGAAQMDGAILVVAATDGPM*PQTR.E	33
PLOG+8241	proteomics_log	4174237	4174317	+	1	3	K.NM*ITGAAQMDGAILVVAATDGPM*PQTR.E	32
PLOG+8242	proteomics_log	4174237	4174338	+	1	3	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTR.HILLGR.Q	41
PLOG+8243	proteomics_log	4174237	4174317	+	1	3	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTR.E	33
PLOG+8244	proteomics_log	4174237	4174317	+	1	8	K.NMITGAAQMDGAILVVAATDGPM*PQTR.E	32
PLOG+8245	proteomics_log	4174237	4174317	+	1	10	K.NMITGAAQM*DGAILVVAATDGPM*PQTR.E	32
PLOG+8246	proteomics_log	4174237	4174317	+	1	2	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTR.E	34
PLOG+8247	proteomics_log	4174237	4174338	+	1	45	K.NMITGAAQMDGAILVVAATDGPM*PQTR.HILLGR.Q	38
PLOG+8248	proteomics_log	4174237	4174317	+	1	1593	K.NMITGAAQMDGAILVVAATDGPM*PQTR.E	31
PLOG+8249	proteomics_log	4174279	4174317	+	1	3	L.VVAATDGPM*PQTR.E	18
PLOG+8250	proteomics_log	4174279	4174317	+	1	8	L.VVAATDGPM*PQTR.E	17
PLOG+8251	proteomics_log	4174279	4174317	+	1	3	L.VVAATDGPM*PQTR.E	18
PLOG+8252	proteomics_log	4174279	4174317	+	1	8	L.VVAATDGPM*PQTR.E	17
PLOG+8253	proteomics_log	4174282	4174317	+	1	2	V.VAATDGPM*PQTR.E	17
PLOG+8254	proteomics_log	4174282	4174317	+	1	2	V.VAATDGPM*PQTR.E	17
PLOG+8255	proteomics_log	4174285	4174317	+	1	2	V.AATDGPM*PQTR.E	16
PLOG+8256	proteomics_log	4174285	4174317	+	1	2	V.AATDGPM*PQTR.E	16
PLOG+8257	proteomics_log	4174318	4174377	+	1	31	R.EHILLGRQVGPYIIVFLNK.C	24
PLOG+8258	proteomics_log	4174318	4174338	+	1	212	R.EHILLGR.Q	11
PLOG+8259	proteomics_log	4174318	4174377	+	1	31	R.EHILLGRQVGPYIIVFLNK.C	24
PLOG+8260	proteomics_log	4174318	4174338	+	1	212	R.EHILLGR.Q	11
PLOG+8261	proteomics_log	4174339	4174431	+	1	7	R.QVGPYIIVFLNKCDMVDDEELLELVEMEV.R	35
PLOG+8262	proteomics_log	4174339	4174377	+	1	191	R.QVGPYIIVFLNK.C	17
PLOG+8263	proteomics_log	4174339	4174431	+	1	7	R.QVGPYIIVFLNKCDMVDDEELLELVEMEV.R	35
PLOG+8264	proteomics_log	4174339	4174377	+	1	191	R.QVGPYIIVFLNK.C	17
PLOG+8265	proteomics_log	4174378	4174482	+	1	3	K.CDMVDDEELLELVEMEVRELLSQYDFPGDDTPIV.R.G	39
PLOG+8266	proteomics_log	4174378	4174497	+	1	4	K.CDMVDDEELLELVEMEVRELLSQYDFPGDDTPIV.RGSALK.A	44
PLOG+8267	proteomics_log	4174378	4174482	+	1	3	K.CDMVDDEELLELVEMEVRELLSQYDFPGDDTPIV.R.G	39
PLOG+8268	proteomics_log	4174378	4174497	+	1	4	K.CDMVDDEELLELVEMEVRELLSQYDFPGDDTPIV.RGSALK.A	44
PLOG+8269	proteomics_log	4174381	4174482	+	1	2	C.DM*VDDEELLELVEM*EVRELLSQYDFPGDDTPIV.R.G	40
PLOG+8270	proteomics_log	4174381	4174431	+	1	3	C.DMVDDEELLELVEM*EV.R.E	22
PLOG+8271	proteomics_log	4174381	4174482	+	1	7	C.DMVDDEELLELVEMEVRELLSQYDFPGDDTPIV.R.G	38
PLOG+8272	proteomics_log	4174381	4174431	+	1	3	C.DM*VDDEELLELVEM*EV.R.E	23
PLOG+8273	proteomics_log	4174381	4174482	+	1	2	C.DM*VDDEELLELVEM*EVRELLSQYDFPGDDTPIV.R.G	40
PLOG+8274	proteomics_log	4174381	4174431	+	1	3	C.DMVDDEELLELVEM*EV.R.E	22
PLOG+8275	proteomics_log	4174381	4174482	+	1	7	C.DMVDDEELLELVEMEVRELLSQYDFPGDDTPIV.R.G	38
PLOG+8276	proteomics_log	4174381	4174431	+	1	3	C.DM*VDDEELLELVEM*EV.R.E	23

PLOG+8277	proteomics_log	4174408	4174482	+	1	3	L.ELVEMEVRELLSQYDFPGDDTPIVR.G	29
PLOG+8278	proteomics_log	4174408	4174482	+	1	3	L.ELVEMEVRELLSQYDFPGDDTPIVR.G	29
PLOG+8279	proteomics_log	4174411	4174482	+	1	98	E.LVEMEVRELLSQYDFPGDDTPIVR.G	28
PLOG+8280	proteomics_log	4174411	4174482	+	1	98	E.LVEMEVRELLSQYDFPGDDTPIVR.G	28
PLOG+8281	proteomics_log	4174432	4174497	+	1	28	R.ELLSQYDFPGDDTPIVRGSALK.A	26
PLOG+8282	proteomics_log	4174432	4174482	+	1	411	R.ELLSQYDFPGDDTPIVR.G	21
PLOG+8283	proteomics_log	4174432	4174497	+	1	28	R.ELLSQYDFPGDDTPIVRGSALK.A	26
PLOG+8284	proteomics_log	4174432	4174482	+	1	411	R.ELLSQYDFPGDDTPIVR.G	21
PLOG+8285	proteomics_log	4174435	4174482	+	1	2	E.LLSQYDFPGDDTPIVR.G	20
PLOG+8286	proteomics_log	4174435	4174482	+	1	2	E.LLSQYDFPGDDTPIVR.G	20
PLOG+8287	proteomics_log	4174483	4174581	+	1	318	R.GSALKALEGDAEWEAKILELAGFLDSYIPEPER.A	37
PLOG+8288	proteomics_log	4174483	4174530	+	1	483	R.GSALKALEGDAEWEAK.I	20
PLOG+8289	proteomics_log	4174483	4174581	+	1	318	R.GSALKALEGDAEWEAKILELAGFLDSYIPEPER.A	37
PLOG+8290	proteomics_log	4174483	4174530	+	1	483	R.GSALKALEGDAEWEAK.I	20
PLOG+8291	proteomics_log	4174498	4174581	+	1	184	K.ALEGDAEWEAKILELAGFLDSYIPEPER.A	32
PLOG+8292	proteomics_log	4174498	4174530	+	1	291	K.ALEGDAEWEAK.I	15
PLOG+8293	proteomics_log	4174498	4174581	+	1	184	K.ALEGDAEWEAKILELAGFLDSYIPEPER.A	32
PLOG+8294	proteomics_log	4174498	4174530	+	1	291	K.ALEGDAEWEAK.I	15
PLOG+8295	proteomics_log	4174531	4174623	+	1	27	K.ILELAGFLDSYIPEPERAIDKPFLPIEDVFS	35
PLOG+8296	proteomics_log	4174531	4174659	+	1	126	K.ILELAGFLDSYIPEPERAIDKPFLPIEDVFSISGRGTVTGR.V	47
PLOG+8297	proteomics_log	4174531	4174638	+	1	683	K.ILELAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	40
PLOG+8298	proteomics_log	4174531	4174581	+	1	906	K.ILELAGFLDSYIPEPER.A	21
PLOG+8299	proteomics_log	4174531	4174623	+	1	27	K.ILELAGFLDSYIPEPERAIDKPFLPIEDVFS	35
PLOG+8300	proteomics_log	4174531	4174659	+	1	126	K.ILELAGFLDSYIPEPERAIDKPFLPIEDVFSISGRGTVTGR.V	47
PLOG+8301	proteomics_log	4174531	4174638	+	1	683	K.ILELAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	40
PLOG+8302	proteomics_log	4174531	4174581	+	1	906	K.ILELAGFLDSYIPEPER.A	21
PLOG+8303	proteomics_log	4174534	4174638	+	1	99	I.LELAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	39
PLOG+8304	proteomics_log	4174534	4174638	+	1	99	I.LELAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	39
PLOG+8305	proteomics_log	4174540	4174581	+	1	2	E.LAGFLDSYIPEPER.A	18
PLOG+8306	proteomics_log	4174540	4174638	+	1	29	E.LAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	37
PLOG+8307	proteomics_log	4174540	4174581	+	1	2	E.LAGFLDSYIPEPER.A	18
PLOG+8308	proteomics_log	4174540	4174638	+	1	29	E.LAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	37
PLOG+8309	proteomics_log	4174543	4174638	+	1	2	L.AGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	36
PLOG+8310	proteomics_log	4174543	4174638	+	1	2	L.AGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	36
PLOG+8311	proteomics_log	4174546	4174638	+	1	5	A.GFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	35
PLOG+8312	proteomics_log	4174546	4174638	+	1	5	A.GFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	35
PLOG+8313	proteomics_log	4174549	4174638	+	1	8	G.FLDSYIPEPERAIDKPFLPIEDVFSISGR.G	34
PLOG+8314	proteomics_log	4174549	4174638	+	1	8	G.FLDSYIPEPERAIDKPFLPIEDVFSISGR.G	34
PLOG+8315	proteomics_log	4174552	4174638	+	1	4	F.LDSYIPEPERAIDKPFLPIEDVFSISGR.G	33
PLOG+8316	proteomics_log	4174552	4174638	+	1	4	F.LDSYIPEPERAIDKPFLPIEDVFSISGR.G	33
PLOG+8317	proteomics_log	4174555	4174638	+	1	4	L.DSYIPEPERAIDKPFLPIEDVFSISGR.G	32
PLOG+8318	proteomics_log	4174555	4174638	+	1	4	L.DSYIPEPERAIDKPFLPIEDVFSISGR.G	32
PLOG+8319	proteomics_log	4174567	4174638	+	1	8	I.PEPERAIDKPFLPIEDVFSISGR.G	28
PLOG+8320	proteomics_log	4174567	4174638	+	1	8	I.PEPERAIDKPFLPIEDVFSISGR.G	28
PLOG+8321	proteomics_log	4174570	4174638	+	1	53	P.EPERAIDKPFLPIEDVFSISGR.G	27
PLOG+8322	proteomics_log	4174570	4174638	+	1	53	P.EPERAIDKPFLPIEDVFSISGR.G	27

PLOG+8323	proteomics_log	4174582	4174635	+	1	2	R.AIDKPFLPIEDVFSISG.R	22
PLOG+8324	proteomics_log	4174582	4174629	+	1	3	R.AIDKPFLPIEDVFSI.S	20
PLOG+8325	proteomics_log	4174582	4174623	+	1	46	R.AIDKPFLPIEDVF.S	18
PLOG+8326	proteomics_log	4174582	4174659	+	1	56	R.AIDKPFLPIEDVFSISGRGTVVTGR.V	30
PLOG+8327	proteomics_log	4174582	4174668	+	1	99	R.AIDKPFLPIEDVFSISGRGTVVTGRVER.G	33
PLOG+8328	proteomics_log	4174582	4174638	+	1	962	R.AIDKPFLPIEDVFSISGR.G	23
PLOG+8329	proteomics_log	4174582	4174635	+	1	2	R.AIDKPFLPIEDVFSISG.R	22
PLOG+8330	proteomics_log	4174582	4174629	+	1	3	R.AIDKPFLPIEDVFSI.S	20
PLOG+8331	proteomics_log	4174582	4174623	+	1	46	R.AIDKPFLPIEDVF.S	18
PLOG+8332	proteomics_log	4174582	4174659	+	1	56	R.AIDKPFLPIEDVFSISGRGTVVTGR.V	30
PLOG+8333	proteomics_log	4174582	4174668	+	1	99	R.AIDKPFLPIEDVFSISGRGTVVTGRVER.G	33
PLOG+8334	proteomics_log	4174582	4174638	+	1	962	R.AIDKPFLPIEDVFSISGR.G	23
PLOG+8335	proteomics_log	4174591	4174638	+	1	3	D.KPFLPIEDVFSISGR.G	20
PLOG+8336	proteomics_log	4174591	4174638	+	1	3	D.KPFLPIEDVFSISGR.G	20
PLOG+8337	proteomics_log	4174600	4174638	+	1	24	F.LLPIEDVFSISGR.G	17
PLOG+8338	proteomics_log	4174600	4174638	+	1	24	F.LLPIEDVFSISGR.G	17
PLOG+8339	proteomics_log	4174606	4174668	+	1	2	L.PIEDVFSISGRGTVVTGRVER.G	25
PLOG+8340	proteomics_log	4174606	4174638	+	1	56	L.PIEDVFSISGR.G	15
PLOG+8341	proteomics_log	4174606	4174668	+	1	2	L.PIEDVFSISGRGTVVTGRVER.G	25
PLOG+8342	proteomics_log	4174606	4174638	+	1	56	L.PIEDVFSISGR.G	15
PLOG+8343	proteomics_log	4174624	4174659	+	1	4	F.SISGRGTVVTGR.V	16
PLOG+8344	proteomics_log	4174624	4174659	+	1	4	F.SISGRGTVVTGR.V	16
PLOG+8345	proteomics_log	4174639	4174668	+	1	17	R.GTVVTGRVER.G	14
PLOG+8346	proteomics_log	4174639	4174725	+	1	65	R.GTVVTGRVERGIIKVGEEVEIVGIKETQK.S	33
PLOG+8347	proteomics_log	4174639	4174668	+	1	17	R.GTVVTGRVER.G	14
PLOG+8348	proteomics_log	4174639	4174725	+	1	65	R.GTVVTGRVERGIIKVGEEVEIVGIKETQK.S	33
PLOG+8349	proteomics_log	4174660	4174725	+	1	164	R.VERGIIKVGEEVEIVGIKETQK.S	26
PLOG+8350	proteomics_log	4174660	4174725	+	1	164	R.VERGIIKVGEEVEIVGIKETQK.S	26
PLOG+8351	proteomics_log	4174669	4174758	+	1	11	R.GIIKVGEEVEIVGIKETQKSTCTGVEMFRK.L	34
PLOG+8352	proteomics_log	4174669	4174755	+	1	14	R.GIIKVGEEVEIVGIKETQKSTCTGVEMFR.K	33
PLOG+8353	proteomics_log	4174669	4174731	+	1	86	R.GIIKVGEEVEIVGIKETQKST.C	25
PLOG+8354	proteomics_log	4174669	4174713	+	1	91	R.GIIKVGEEVEIVGIK.E	19
PLOG+8355	proteomics_log	4174669	4174725	+	1	924	R.GIIKVGEEVEIVGIKETQK.S	23
PLOG+8356	proteomics_log	4174669	4174758	+	1	11	R.GIIKVGEEVEIVGIKETQKSTCTGVEMFRK.L	34
PLOG+8357	proteomics_log	4174669	4174755	+	1	14	R.GIIKVGEEVEIVGIKETQKSTCTGVEMFR.K	33
PLOG+8358	proteomics_log	4174669	4174731	+	1	86	R.GIIKVGEEVEIVGIKETQKST.C	25
PLOG+8359	proteomics_log	4174669	4174713	+	1	91	R.GIIKVGEEVEIVGIK.E	19
PLOG+8360	proteomics_log	4174669	4174725	+	1	924	R.GIIKVGEEVEIVGIKETQK.S	23
PLOG+8361	proteomics_log	4174681	4174755	+	1	8	K.VGEEVEIVGIKETQKSTCTGVEMFR.K	29
PLOG+8362	proteomics_log	4174681	4174758	+	1	10	K.VGEEVEIVGIKETQKSTCTGVEMFRK.L	30
PLOG+8363	proteomics_log	4174681	4174713	+	1	36	K.VGEEVEIVGIK.E	15
PLOG+8364	proteomics_log	4174681	4174725	+	1	336	K.VGEEVEIVGIKETQK.S	19
PLOG+8365	proteomics_log	4174681	4174755	+	1	8	K.VGEEVEIVGIKETQKSTCTGVEMFR.K	29
PLOG+8366	proteomics_log	4174681	4174758	+	1	10	K.VGEEVEIVGIKETQKSTCTGVEMFRK.L	30
PLOG+8367	proteomics_log	4174681	4174713	+	1	36	K.VGEEVEIVGIK.E	15
PLOG+8368	proteomics_log	4174681	4174725	+	1	336	K.VGEEVEIVGIKETQK.S	19

PLOG+8369	proteomics_log	4174684	4174725	+	1	6	V.GEEVEIVGIKETQK.S	18
PLOG+8370	proteomics_log	4174684	4174725	+	1	6	V.GEEVEIVGIKETQK.S	18
PLOG+8371	proteomics_log	4174726	4174755	+	1	3	K.STCTGVEMFR.K	14
PLOG+8372	proteomics_log	4174726	4174758	+	1	10	K.STCTGVEMFRK.L	15
PLOG+8373	proteomics_log	4174726	4174755	+	1	3	K.STCTGVEMFR.K	14
PLOG+8374	proteomics_log	4174726	4174758	+	1	10	K.STCTGVEMFRK.L	15
PLOG+8375	proteomics_log	4174756	4174818	+	1	9	R.KLLDEGRAGENVGVLLRGIKR.E	25
PLOG+8376	proteomics_log	4174756	4174833	+	1	15	R.KLLDEGRAGENVGVLLRGIKREEIER.G	30
PLOG+8377	proteomics_log	4174756	4174815	+	1	47	R.KLLDEGRAGENVGVLLRGIK.R	24
PLOG+8378	proteomics_log	4174756	4174776	+	1	120	R.KLLDEGR.A	11
PLOG+8379	proteomics_log	4174756	4174806	+	1	432	R.KLLDEGRAGENVGVLLR.G	21
PLOG+8380	proteomics_log	4174756	4174818	+	1	9	R.KLLDEGRAGENVGVLLRGIKR.E	25
PLOG+8381	proteomics_log	4174756	4174833	+	1	15	R.KLLDEGRAGENVGVLLRGIKREEIER.G	30
PLOG+8382	proteomics_log	4174756	4174815	+	1	47	R.KLLDEGRAGENVGVLLRGIK.R	24
PLOG+8383	proteomics_log	4174756	4174776	+	1	120	R.KLLDEGR.A	11
PLOG+8384	proteomics_log	4174756	4174806	+	1	432	R.KLLDEGRAGENVGVLLR.G	21
PLOG+8385	proteomics_log	4174759	4174818	+	1	29	K.LLDEGRAGENVGVLLRGIKR.E	24
PLOG+8386	proteomics_log	4174759	4174833	+	1	34	K.LLDEGRAGENVGVLLRGIKREEIER.G	29
PLOG+8387	proteomics_log	4174759	4174815	+	1	71	K.LLDEGRAGENVGVLLRGIK.R	23
PLOG+8388	proteomics_log	4174759	4174806	+	1	463	K.LLDEGRAGENVGVLLR.G	20
PLOG+8389	proteomics_log	4174759	4174818	+	1	29	K.LLDEGRAGENVGVLLRGIKR.E	24
PLOG+8390	proteomics_log	4174759	4174833	+	1	34	K.LLDEGRAGENVGVLLRGIKREEIER.G	29
PLOG+8391	proteomics_log	4174759	4174815	+	1	71	K.LLDEGRAGENVGVLLRGIK.R	23
PLOG+8392	proteomics_log	4174759	4174806	+	1	463	K.LLDEGRAGENVGVLLR.G	20
PLOG+8393	proteomics_log	4174762	4174806	+	1	8	L.LDEGRAGENVGVLLR.G	19
PLOG+8394	proteomics_log	4174762	4174806	+	1	8	L.LDEGRAGENVGVLLR.G	19
PLOG+8395	proteomics_log	4174765	4174806	+	1	24	L.DEGRAGENVGVLLR.G	18
PLOG+8396	proteomics_log	4174765	4174806	+	1	24	L.DEGRAGENVGVLLR.G	18
PLOG+8397	proteomics_log	4174777	4174818	+	1	3	R.AGENVGVLLRGIKR.E	18
PLOG+8398	proteomics_log	4174777	4174815	+	1	30	R.AGENVGVLLRGIK.R	17
PLOG+8399	proteomics_log	4174777	4174833	+	1	88	R.AGENVGVLLRGIKREEIER.G	23
PLOG+8400	proteomics_log	4174777	4174806	+	1	229	R.AGENVGVLLR.G	14
PLOG+8401	proteomics_log	4174777	4174818	+	1	3	R.AGENVGVLLRGIKR.E	18
PLOG+8402	proteomics_log	4174777	4174815	+	1	30	R.AGENVGVLLRGIK.R	17
PLOG+8403	proteomics_log	4174777	4174833	+	1	88	R.AGENVGVLLRGIKREEIER.G	23
PLOG+8404	proteomics_log	4174777	4174806	+	1	229	R.AGENVGVLLR.G	14
PLOG+8405	proteomics_log	4174807	4174878	+	1	10	R.GIKREEIERGQVLAKPGTIKPHTK.F	28
PLOG+8406	proteomics_log	4174807	4174833	+	1	119	R.GIKREEIER.G	13
PLOG+8407	proteomics_log	4174807	4174878	+	1	10	R.GIKREEIERGQVLAKPGTIKPHTK.F	28
PLOG+8408	proteomics_log	4174807	4174833	+	1	119	R.GIKREEIER.G	13
PLOG+8409	proteomics_log	4174816	4174833	+	1	2	K.REEIER.G	10
PLOG+8410	proteomics_log	4174816	4174833	+	1	2	K.REEIER.G	10
PLOG+8411	proteomics_log	4174816	4174833	+	1	2	K.REEIER.G	10
PLOG+8412	proteomics_log	4174819	4174923	+	1	4	R.EEIERGQVLAKPGTIKPHTKFESEVYILSKDEGGR.H	39
PLOG+8413	proteomics_log	4174819	4174908	+	1	9	R.EEIERGQVLAKPGTIKPHTKFESEVYILSK.D	34
PLOG+8414	proteomics_log	4174819	4174878	+	1	22	R.EEIERGQVLAKPGTIKPHTK.F	24

PLOG+8415	proteomics_log	4174819	4174923	+	1	4	R.EEIERGQVLAKPGTIKPHTKFESEVYILSKDEGGR.H	39
PLOG+8416	proteomics_log	4174819	4174908	+	1	9	R.EEIERGQVLAKPGTIKPHTKFESEVYILSK.D	34
PLOG+8417	proteomics_log	4174819	4174878	+	1	22	R.EEIERGQVLAKPGTIKPHTK.F	24
PLOG+8418	proteomics_log	4174834	4174896	+	1	58	R.GQVLAKPGTIKPHTKFESEVY.I	25
PLOG+8419	proteomics_log	4174834	4174923	+	1	61	R.GQVLAKPGTIKPHTKFESEVYILSKDEGGR.H	34
PLOG+8420	proteomics_log	4174834	4174878	+	1	135	R.GQVLAKPGTIKPHTK.F	19
PLOG+8421	proteomics_log	4174834	4174908	+	1	289	R.GQVLAKPGTIKPHTKFESEVYILSK.D	29
PLOG+8422	proteomics_log	4174834	4174896	+	1	58	R.GQVLAKPGTIKPHTKFESEVY.I	25
PLOG+8423	proteomics_log	4174834	4174923	+	1	61	R.GQVLAKPGTIKPHTKFESEVYILSKDEGGR.H	34
PLOG+8424	proteomics_log	4174834	4174878	+	1	135	R.GQVLAKPGTIKPHTK.F	19
PLOG+8425	proteomics_log	4174834	4174908	+	1	289	R.GQVLAKPGTIKPHTKFESEVYILSK.D	29
PLOG+8426	proteomics_log	4174852	4174908	+	1	3	K.PGTIKPHTKFESEVYILSK.D	23
PLOG+8427	proteomics_log	4174852	4174878	+	1	5	K.PGTIKPHTK.F	13
PLOG+8428	proteomics_log	4174852	4174908	+	1	3	K.PGTIKPHTKFESEVYILSK.D	23
PLOG+8429	proteomics_log	4174852	4174878	+	1	5	K.PGTIKPHTK.F	13
PLOG+8430	proteomics_log	4174867	4174923	+	1	44	K.PHTKFESEVYILSKDEGGR.H	23
PLOG+8431	proteomics_log	4174867	4174923	+	1	44	K.PHTKFESEVYILSKDEGGR.H	23
PLOG+8432	proteomics_log	4174879	4174968	+	1	23	K.FESEVYILSKDEGGRHTPFFKGYRPQFYFR.T	34
PLOG+8433	proteomics_log	4174879	4174941	+	1	75	K.FESEVYILSKDEGGRHTPFFK.G	25
PLOG+8434	proteomics_log	4174879	4174923	+	1	100	K.FESEVYILSKDEGGR.H	19
PLOG+8435	proteomics_log	4174879	4174908	+	1	203	K.FESEVYILSK.D	14
PLOG+8436	proteomics_log	4174879	4174968	+	1	23	K.FESEVYILSKDEGGRHTPFFKGYRPQFYFR.T	34
PLOG+8437	proteomics_log	4174879	4174941	+	1	75	K.FESEVYILSKDEGGRHTPFFK.G	25
PLOG+8438	proteomics_log	4174879	4174923	+	1	100	K.FESEVYILSKDEGGR.H	19
PLOG+8439	proteomics_log	4174879	4174908	+	1	203	K.FESEVYILSK.D	14
PLOG+8440	proteomics_log	4174897	4174923	+	1	12	Y.ILSKDEGGR.H	13
PLOG+8441	proteomics_log	4174897	4174923	+	1	12	Y.ILSKDEGGR.H	13
PLOG+8442	proteomics_log	4174909	4174962	+	1	2	K.DEGGRHTPFFKGYRPQFY.F	22
PLOG+8443	proteomics_log	4174909	4174941	+	1	3	K.DEGGRHTPFFK.G	15
PLOG+8444	proteomics_log	4174909	4174956	+	1	8	K.DEGGRHTPFFKGYRPQ.F	20
PLOG+8445	proteomics_log	4174909	4174962	+	1	2	K.DEGGRHTPFFKGYRPQFY.F	22
PLOG+8446	proteomics_log	4174909	4174941	+	1	3	K.DEGGRHTPFFK.G	15
PLOG+8447	proteomics_log	4174909	4174956	+	1	8	K.DEGGRHTPFFKGYRPQ.F	20
PLOG+8448	proteomics_log	4174924	4174956	+	1	5	R.HTPFFKGYRPQ.F	15
PLOG+8449	proteomics_log	4174924	4174968	+	1	11	R.HTPFFKGYRPQFYFR.T	19
PLOG+8450	proteomics_log	4174924	4174956	+	1	5	R.HTPFFKGYRPQ.F	15
PLOG+8451	proteomics_log	4174924	4174968	+	1	11	R.HTPFFKGYRPQFYFR.T	19
PLOG+8452	proteomics_log	4174942	4175040	+	1	7	K.GYRPQFYFRITDVTGTIELPEGVEMVMPGDNIK.M	37
PLOG+8453	proteomics_log	4174942	4174968	+	1	147	K.GYRPQFYFR.T	13
PLOG+8454	proteomics_log	4174942	4175040	+	1	7	K.GYRPQFYFRITDVTGTIELPEGVEMVMPGDNIK.M	37
PLOG+8455	proteomics_log	4174942	4174968	+	1	147	K.GYRPQFYFR.T	13
PLOG+8456	proteomics_log	4174960	4175040	+	1	2	F.YFRITDVTGTIELPEGVEMVMPGDNIK.M	31
PLOG+8457	proteomics_log	4174960	4175040	+	1	2	F.YFRITDVTGTIELPEGVEMVMPGDNIK.M	31
PLOG+8458	proteomics_log	4174969	4175040	+	1	70	R.TTDVTGTIELPEGVEM*VMPGDNIK.M	29
PLOG+8459	proteomics_log	4174969	4175016	+	1	81	R.TTDVTGTIELPEGVEM.V	20
PLOG+8460	proteomics_log	4174969	4175040	+	1	371	R.TTDVTGTIELPEGVEM*VMPGDNIK.M	29



PLOG+8461	proteomics_log	4174969	4175040	+	1	70	R.TTDVTGTIELPEGVEM*VM*PGDNIK.M	30
PLOG+8462	proteomics_log	4174969	4175040	+	1	1008	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PLOG+8463	proteomics_log	4174969	4175100	+	1	9	R.TTDVTGTIELPEGVEMVMPGDNIKMVVTLIHPIAMDDGLRFAIR.E	48
PLOG+8464	proteomics_log	4174969	4175016	+	1	81	R.TTDVTGTIELPEGVEM*.V	21
PLOG+8465	proteomics_log	4174969	4175088	+	1	56	R.TTDVTGTIELPEGVEMVMPGDNIKMVVTLIHPIAMDDGLR.F	44
PLOG+8466	proteomics_log	4174969	4175100	+	1	9	R.TTDVTGTIELPEGVEMVMPGDNIKMVVTLIHPIAMDDGLRFAIR.E	48
PLOG+8467	proteomics_log	4174969	4175016	+	1	81	R.TTDVTGTIELPEGVEM*.V	21
PLOG+8468	proteomics_log	4174969	4175088	+	1	56	R.TTDVTGTIELPEGVEMVMPGDNIKMVVTLIHPIAMDDGLR.F	44
PLOG+8469	proteomics_log	4174969	4175040	+	1	70	R.TTDVTGTIELPEGVEM*VMPGDNIK.M	29
PLOG+8470	proteomics_log	4174969	4175016	+	1	81	R.TTDVTGTIELPEGVEM.V	20
PLOG+8471	proteomics_log	4174969	4175040	+	1	371	R.TTDVTGTIELPEGVEMVM*PGDNIK.M	29
PLOG+8472	proteomics_log	4174969	4175040	+	1	70	R.TTDVTGTIELPEGVEM*VM*PGDNIK.M	30
PLOG+8473	proteomics_log	4174969	4175040	+	1	1008	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PLOG+8474	proteomics_log	4174975	4175040	+	1	10	T.DVTGTIELPEGVEMVM*PGDNIK.M	27
PLOG+8475	proteomics_log	4174975	4175040	+	1	22	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PLOG+8476	proteomics_log	4174975	4175040	+	1	10	T.DVTGTIELPEGVEM*VM*PGDNIK.M	28
PLOG+8477	proteomics_log	4174975	4175040	+	1	10	T.DVTGTIELPEGVEMVM*PGDNIK.M	27
PLOG+8478	proteomics_log	4174975	4175040	+	1	22	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PLOG+8479	proteomics_log	4174975	4175040	+	1	10	T.DVTGTIELPEGVEM*VM*PGDNIK.M	28
PLOG+8480	proteomics_log	4174978	4175040	+	1	9	D.VTGTIELPEGVEMVMPGDNIK.M	25
PLOG+8481	proteomics_log	4174978	4175040	+	1	9	D.VTGTIELPEGVEMVMPGDNIK.M	25
PLOG+8482	proteomics_log	4174996	4175040	+	1	2	E.LPEGVEMVMPGDNIK.M	19
PLOG+8483	proteomics_log	4174996	4175040	+	1	2	E.LPEGVEMVMPGDNIK.M	19
PLOG+8484	proteomics_log	4174999	4175040	+	1	34	L.PEGVEMVMPGDNIK.M	18
PLOG+8485	proteomics_log	4174999	4175040	+	1	34	L.PEGVEMVMPGDNIK.M	18
PLOG+8486	proteomics_log	4175005	4175040	+	1	4	E.GVEM*VM*PGDNIK.M	18
PLOG+8487	proteomics_log	4175005	4175040	+	1	4	E.GVEM*VM*PGDNIK.M	18
PLOG+8488	proteomics_log	4175041	4175091	+	1	2	K.M*VVTLIHPIAMDDGLRF.A	22
PLOG+8489	proteomics_log	4175041	4175139	+	1	2	K.MVVTLIHPIAM*DDGLRFAIREGGRTVGAGVVAK.V	38
PLOG+8490	proteomics_log	4175041	4175070	+	1	3	K.MVVTLIHPIA.M	14
PLOG+8491	proteomics_log	4175041	4175076	+	1	3	K.M*VVTLIHPIAMD.D	17
PLOG+8492	proteomics_log	4175041	4175112	+	1	4	K.M*VVTLIHPIAM*DDGLRFAIREGGR.T	30
PLOG+8493	proteomics_log	4175041	4175079	+	1	5	K.MVVTLIHPIAMD.D	17
PLOG+8494	proteomics_log	4175041	4175073	+	1	3	K.M*VVTLIHPIAM*.D	17
PLOG+8495	proteomics_log	4175041	4175076	+	1	8	K.MVVTLIHPIAM*.D	17
PLOG+8496	proteomics_log	4175041	4175073	+	1	9	K.M*VVTLIHPIAM.D	16
PLOG+8497	proteomics_log	4175041	4175100	+	1	9	K.M*VVTLIHPIAM*DDGLRFAIR.E	26
PLOG+8498	proteomics_log	4175041	4175100	+	1	15	K.M*VVTLIHPIAMDDGLRFAIR.E	25
PLOG+8499	proteomics_log	4175041	4175112	+	1	16	K.MVVTLIHPIAM*DDGLRFAIREGGR.T	29
PLOG+8500	proteomics_log	4175041	4175100	+	1	37	K.MVVTLIHPIAM*DDGLRFAIR.E	25
PLOG+8501	proteomics_log	4175041	4175139	+	1	38	K.MVVTLIHPIAMDDGLRFAIREGGRTVGAGVVAK.V	37
PLOG+8502	proteomics_log	4175041	4175112	+	1	41	K.M*VVTLIHPIAMDDGLRFAIREGGR.T	29
PLOG+8503	proteomics_log	4175041	4175073	+	1	8	K.MVVTLIHPIAM*.D	16
PLOG+8504	proteomics_log	4175041	4175094	+	1	50	K.MVVTLIHPIAMDDGLRFA.I	22
PLOG+8505	proteomics_log	4175041	4175076	+	1	150	K.MVVTLIHPIAMD.D	16
PLOG+8506	proteomics_log	4175041	4175088	+	1	166	K.M*VVTLIHPIAM*DDGLR.F	22

PLOG+8507	proteomics_log	4175041	4175091	+	1	180	K.MVVTLIHPIAMDDGLRF.A	21
PLOG+8508	proteomics_log	4175041	4175112	+	1	222	K.MVVTLIHPIAMDDGLRFAIREGGR.T	28
PLOG+8509	proteomics_log	4175041	4175088	+	1	278	K.MVVTLIHPIAM*DDGLR.F	21
PLOG+8510	proteomics_log	4175041	4175088	+	1	288	K.M*VVTLIHPIAMDDGLR.F	21
PLOG+8511	proteomics_log	4175041	4175073	+	1	316	K.MVVTLIHPIAM.D	15
PLOG+8512	proteomics_log	4175041	4175100	+	1	503	K.MVVTLIHPIAMDDGLRFAIR.E	24
PLOG+8513	proteomics_log	4175041	4175088	+	1	828	K.MVVTLIHPIAMDDGLR.F	20
PLOG+8514	proteomics_log	4175041	4175091	+	1	2	K.M*VVTLIHPIAMDDGLRF.A	22
PLOG+8515	proteomics_log	4175041	4175139	+	1	2	K.MVVTLIHPIAM*DDGLRFAIREGGRTVGAGVVAK.V	38
PLOG+8516	proteomics_log	4175041	4175070	+	1	3	K.MVVTLIHPIA.M	14
PLOG+8517	proteomics_log	4175041	4175076	+	1	3	K.M*VVTLIHPIAMD.D	17
PLOG+8518	proteomics_log	4175041	4175112	+	1	4	K.M*VVTLIHPIAM*DDGLRFAIREGGR.T	30
PLOG+8519	proteomics_log	4175041	4175079	+	1	5	K.MVVTLIHPIAMDD.G	17
PLOG+8520	proteomics_log	4175041	4175073	+	1	3	K.M*VVTLIHPIAM*.D	17
PLOG+8521	proteomics_log	4175041	4175076	+	1	8	K.MVVTLIHPIAM*D.D	17
PLOG+8522	proteomics_log	4175041	4175073	+	1	9	K.M*VVTLIHPIAM.D	16
PLOG+8523	proteomics_log	4175041	4175100	+	1	9	K.M*VVTLIHPIAM*DDGLRFAIR.E	26
PLOG+8524	proteomics_log	4175041	4175100	+	1	15	K.M*VVTLIHPIAMDDGLRFAIR.E	25
PLOG+8525	proteomics_log	4175041	4175112	+	1	16	K.MVVTLIHPIAM*DDGLRFAIREGGR.T	29
PLOG+8526	proteomics_log	4175041	4175100	+	1	37	K.MVVTLIHPIAM*DDGLRFAIR.E	25
PLOG+8527	proteomics_log	4175041	4175139	+	1	38	K.MVVTLIHPIAMDDGLRFAIREGGRTVGAGVVAK.V	37
PLOG+8528	proteomics_log	4175041	4175112	+	1	41	K.M*VVTLIHPIAMDDGLRFAIREGGR.T	29
PLOG+8529	proteomics_log	4175041	4175073	+	1	8	K.MVVTLIHPIAM*.D	16
PLOG+8530	proteomics_log	4175041	4175094	+	1	50	K.MVVTLIHPIAMDDGLRFA.I	22
PLOG+8531	proteomics_log	4175041	4175076	+	1	150	K.MVVTLIHPIAMD.D	16
PLOG+8532	proteomics_log	4175041	4175088	+	1	166	K.M*VVTLIHPIAM*DDGLR.F	22
PLOG+8533	proteomics_log	4175041	4175091	+	1	180	K.MVVTLIHPIAMDDGLRF.A	21
PLOG+8534	proteomics_log	4175041	4175112	+	1	222	K.MVVTLIHPIAMDDGLRFAIREGGR.T	28
PLOG+8535	proteomics_log	4175041	4175088	+	1	278	K.MVVTLIHPIAM*DDGLR.F	21
PLOG+8536	proteomics_log	4175041	4175088	+	1	288	K.M*VVTLIHPIAMDDGLR.F	21
PLOG+8537	proteomics_log	4175041	4175073	+	1	316	K.MVVTLIHPIAM.D	15
PLOG+8538	proteomics_log	4175041	4175100	+	1	503	K.MVVTLIHPIAMDDGLRFAIR.E	24
PLOG+8539	proteomics_log	4175041	4175088	+	1	828	K.MVVTLIHPIAMDDGLR.F	20
PLOG+8540	proteomics_log	4175044	4175088	+	1	83	M.VVTLIHPIAMDDGLR.F	19
PLOG+8541	proteomics_log	4175044	4175088	+	1	83	M.VVTLIHPIAMDDGLR.F	19
PLOG+8542	proteomics_log	4175047	4175088	+	1	15	V.VTLIHPIAM*DDGLR.F	19
PLOG+8543	proteomics_log	4175047	4175100	+	1	20	V.VTLIHPIAMDDGLRFAIR.E	22
PLOG+8544	proteomics_log	4175047	4175088	+	1	94	V.VTLIHPIAMDDGLR.F	18
PLOG+8545	proteomics_log	4175047	4175088	+	1	15	V.VTLIHPIAM*DDGLR.F	19
PLOG+8546	proteomics_log	4175047	4175100	+	1	20	V.VTLIHPIAMDDGLRFAIR.E	22
PLOG+8547	proteomics_log	4175047	4175088	+	1	94	V.VTLIHPIAMDDGLR.F	18
PLOG+8548	proteomics_log	4175050	4175088	+	1	73	V.TLIHPIAMDDGLR.F	17
PLOG+8549	proteomics_log	4175050	4175088	+	1	73	V.TLIHPIAMDDGLR.F	17
PLOG+8550	proteomics_log	4175059	4175100	+	1	2	I.HPIAMDDGLRFAIR.E	18
PLOG+8551	proteomics_log	4175059	4175088	+	1	7	I.HPIAMDDGLR.F	14
PLOG+8552	proteomics_log	4175059	4175100	+	1	2	I.HPIAMDDGLRFAIR.E	18

PLOG+8553	proteomics_log	4175059	4175088	+	1	7	I.HPIAMDDGLR.F	14
PLOG+8554	proteomics_log	4175062	4175100	+	1	14	H.PIAMDDGLRFAIR.E	17
PLOG+8555	proteomics_log	4175062	4175100	+	1	14	H.PIAMDDGLRFAIR.E	17
PLOG+8556	proteomics_log	4175089	4175139	+	1	30	R.FAIREGGRTVGAGVVAK.V	21
PLOG+8557	proteomics_log	4175089	4175139	+	1	30	R.FAIREGGRTVGAGVVAK.V	21
PLOG+8558	proteomics_log	4175101	4175139	+	1	285	R.EGGRTVGAGVVAK.V	17
PLOG+8559	proteomics_log	4175101	4175139	+	1	285	R.EGGRTVGAGVVAK.V	17
PLOG+8560	proteomics_log	4175104	4175139	+	1	5	E.GGRTVGAGVVAK.V	16
PLOG+8561	proteomics_log	4175104	4175139	+	1	5	E.GGRTVGAGVVAK.V	16
PLOG+8562	proteomics_log	4175113	4175139	+	1	7	R.TVGAGVVAK.V	13
PLOG+8563	proteomics_log	4175113	4175139	+	1	7	R.TVGAGVVAK.V	13
PLOG+8564	proteomics_log	4175113	4175148	+	1	70	R.TVGAGVVAK.VLS.-	16
PLOG+8565	proteomics_log	4175116	4175139	+	1	18	T.VGAGVVAK.V	12
PLOG+8566	proteomics_log	4175116	4175139	+	1	18	T.VGAGVVAK.V	12
PLOG+8567	proteomics_log	4175790	4175828	+	3	155	R.WYVVQAFSGFEGR.V	17
PLOG+8568	proteomics_log	4175829	4175858	+	3	8	R.VATSLREHIK.L	14
PLOG+8569	proteomics_log	4175859	4175936	+	3	56	K.LHNMEDLFGHEVMVPTEEVVEIRGGQR.R	30
PLOG+8570	proteomics_log	4175859	4175924	+	3	58	K.LHNMEDLFGHEVMVPTEEVVEIR.G	26
PLOG+8571	proteomics_log	4175865	4175924	+	3	2	H.NM*EDLFGHEVM*VPTEEVVEIR.G	26
PLOG+8572	proteomics_log	4175865	4175936	+	3	3	H.NMEDLFGHEVMVPTEEVVEIRGGQR.R	28
PLOG+8573	proteomics_log	4175865	4175924	+	3	14	H.NMEDLFGHEVMVPTEEVVEIR.G	24
PLOG+8574	proteomics_log	4175868	4175924	+	3	2	N.MEDLFGHEVMVPTEEVVEIR.G	23
PLOG+8575	proteomics_log	4175880	4175924	+	3	11	L.FGHEVMVPTEEVVEIR.G	19
PLOG+8576	proteomics_log	4175952	4176017	+	3	147	R.KFFPGYVLVQMVMNDASWHLVR.S	26
PLOG+8577	proteomics_log	4175991	4176017	+	3	2	M.NDASWHLVR.S	13
PLOG+8578	proteomics_log	4176030	4176107	+	3	4	R.VM*GFIGGTS DRPAPISDKEVD AIMNR.L	31
PLOG+8579	proteomics_log	4176030	4176107	+	3	261	R.VMGFIGGTS DRPAPISDKEVD AIMNR.L	30
PLOG+8580	proteomics_log	4176039	4176107	+	3	7	G.FIGGTS DRPAPISDKEVD AIM*NR.L	28
PLOG+8581	proteomics_log	4176039	4176107	+	3	220	G.FIGGTS DRPAPISDKEVD AIMNR.L	27
PLOG+8582	proteomics_log	4176108	4176170	+	3	2	R.LQQVGD KPRPKTLFEPGEM*VR.V	26
PLOG+8583	proteomics_log	4176108	4176134	+	3	4	R.LQQVGD KPR.P	13
PLOG+8584	proteomics_log	4176108	4176170	+	3	5	R.LQQVGD KPRPKTLFEPGEMVR.V	25
PLOG+8585	proteomics_log	4176108	4176140	+	3	205	R.LQQVGD KPRPK.T	15
PLOG+8586	proteomics_log	4176141	4176170	+	3	43	K.TLFEPGEMVR.V	14
PLOG+8587	proteomics_log	4176171	4176230	+	3	43	R.VNDGPFADFN GVVVEVDY EK.S	24
PLOG+8588	proteomics_log	4176171	4176236	+	3	64	R.VNDGPFADFN GVVVEVDY EKSR.L	26
PLOG+8589	proteomics_log	4176237	4176266	+	3	4	R.LKVSVSIFGR.A	14
PLOG+8590	proteomics_log	4176267	4176305	+	3	19	R.ATPVELDFSQVEK.A	17
PLOG+8591	proteomics_log	4176267	4176308	+	3	153	R.ATPVELDFSQVEKA.-	18
PLOG+8592	proteomics_log	4176500	4176607	+	2	3	K.LQVAAGM*ANSPPPVGPALGQQGVNIM*EFCKAFNAKT.D	42
PLOG+8593	proteomics_log	4176500	4176607	+	2	4	K.LQVAAGMANPSPPPVGPALGQQGVNIM*EFCKAFNAKT.D	41
PLOG+8594	proteomics_log	4176500	4176583	+	2	6	K.LQVAAGM*ANSPPPVGPALGQQGVNIM*EF.C	34
PLOG+8595	proteomics_log	4176500	4176607	+	2	11	K.LQVAAGM*ANSPPPVGPALGQQGVNIMEFCKAFNAKT.D	41
PLOG+8596	proteomics_log	4176500	4176607	+	2	99	K.LQVAAGMANPSPPPVGPALGQQGVNIMEFCKAFNAKT.D	40
PLOG+8597	proteomics_log	4176605	4176664	+	2	343	K.TDSIEKGLPIPVVITVYADR.S	24
PLOG+8598	proteomics_log	4176623	4176655	+	2	2	K.GLPVITVY.A	15

PLOG+8599	proteomics_log	4176623	4176715	+	2	20	K.GLPVITVYADRSFTFVTKTPPAVLLKK.A	35
PLOG+8600	proteomics_log	4176623	4176712	+	2	39	K.GLPVITVYADRSFTFVTKTPPAVLLKK.K	34
PLOG+8601	proteomics_log	4176623	4176664	+	2	457	K.GLPVITVYADR.S	18
PLOG+8602	proteomics_log	4176629	4176664	+	2	5	L.PVITVYADR.S	16
PLOG+8603	proteomics_log	4176635	4176664	+	2	7	I.PVITVYADR.S	14
PLOG+8604	proteomics_log	4176665	4176742	+	2	4	R.SFTFVTKTPPAVLLKKAAGIKSGSG.K	30
PLOG+8605	proteomics_log	4176665	4176730	+	2	10	R.SFTFVTKTPPAVLLKKAAGIK.S	26
PLOG+8606	proteomics_log	4176665	4176685	+	2	22	R.SFTFVTK.T	11
PLOG+8607	proteomics_log	4176665	4176712	+	2	279	R.SFTFVTKTPPAVLLK.K	20
PLOG+8608	proteomics_log	4176665	4176715	+	2	367	R.SFTFVTKTPPAVLLKK.A	21
PLOG+8609	proteomics_log	4176671	4176712	+	2	4	F.TFVTKTPPAVLLK.K	18
PLOG+8610	proteomics_log	4176686	4176712	+	2	68	K.TPPAVLLK.K	13
PLOG+8611	proteomics_log	4176686	4176715	+	2	209	K.TPPAVLLKK.A	14
PLOG+8612	proteomics_log	4176689	4176712	+	2	2	T.PPAVLLK.K	12
PLOG+8613	proteomics_log	4176689	4176715	+	2	4	T.PPAVLLKK.A	13
PLOG+8614	proteomics_log	4176692	4176715	+	2	3	P.PAVLLKK.A	12
PLOG+8615	proteomics_log	4176713	4176769	+	2	43	K.KAAGIKSGSGKPNKDKVGK.I	23
PLOG+8616	proteomics_log	4176713	4176778	+	2	43	K.KAAGIKSGSGKPNKDKVGKISR.A	26
PLOG+8617	proteomics_log	4176716	4176760	+	2	10	K.AAGIKSGSGKPNKDK.V	19
PLOG+8618	proteomics_log	4176716	4176769	+	2	94	K.AAGIKSGSGKPNKDKVGK.I	22
PLOG+8619	proteomics_log	4176716	4176778	+	2	104	K.AAGIKSGSGKPNKDKVGKISR.A	25
PLOG+8620	proteomics_log	4176731	4176769	+	2	56	K.SGSGKPNKDKVGK.I	17
PLOG+8621	proteomics_log	4176731	4176778	+	2	257	K.SGSGKPNKDKVGKISR.A	20
PLOG+8622	proteomics_log	4176770	4176850	+	2	33	K.ISRAQLQEIAQTKAADMTGADIEAMTR.S	31
PLOG+8623	proteomics_log	4176770	4176808	+	2	124	K.ISRAQLQEIAQTK.A	17
PLOG+8624	proteomics_log	4176779	4176871	+	2	11	R.AQLQEIAQTKAADMTGADIEAMTRSIEGTAR.S	35
PLOG+8625	proteomics_log	4176779	4176850	+	2	11	R.AQLQEIAQTKAADM*TGADIEAMTR.S	29
PLOG+8626	proteomics_log	4176779	4176850	+	2	11	R.AQLQEIAQTKAADM*TGADIEAM*TR.S	30
PLOG+8627	proteomics_log	4176779	4176850	+	2	29	R.AQLQEIAQTKAADMTGADIEAM*TR.S	29
PLOG+8628	proteomics_log	4176779	4176850	+	2	329	R.AQLQEIAQTKAADMTGADIEAMTR.S	28
PLOG+8629	proteomics_log	4176779	4176808	+	2	519	R.AQLQEIAQTK.A	14
PLOG+8630	proteomics_log	4176809	4176844	+	2	3	K.AADM*TGADIEAM*.T	18
PLOG+8631	proteomics_log	4176809	4176850	+	2	42	K.AADM*TGADIEAM*TR.S	20
PLOG+8632	proteomics_log	4176809	4176850	+	2	91	K.AADMTGADIEAM*TR.S	19
PLOG+8633	proteomics_log	4176809	4176850	+	2	119	K.AADM*TGADIEAMTR.S	19
PLOG+8634	proteomics_log	4176809	4176850	+	2	548	K.AADMTGADIEAMTR.S	18
PLOG+8635	proteomics_log	4176812	4176850	+	2	2	A.ADM*TGADIEAM*TR.S	19
PLOG+8636	proteomics_log	4176815	4176850	+	2	4	A.DM*TGADIEAM*TR.S	18
PLOG+8637	proteomics_log	4176851	4176895	+	2	3	R.SIEGTARSMGLVVED.-	19
PLOG+8638	proteomics_log	4176872	4176895	+	2	38	R.SM*GLVVED.-	13
PLOG+8639	proteomics_log	4176872	4176895	+	2	83	R.SMGLVVED.-	12
PLOG+8640	proteomics_log	4176905	4176928	+	2	2	M.AKLTMR.V	12
PLOG+8641	proteomics_log	4176923	4177012	+	2	4	R.M*RVIREKVDATKQYDINEAIALLKELATAK.F	35
PLOG+8642	proteomics_log	4176923	4176994	+	2	11	R.MRVIREKVDATKQYDINEAIALLK.E	28
PLOG+8643	proteomics_log	4176923	4177012	+	2	137	R.MRVIREKVDATKQYDINEAIALLKELATAK.F	34
PLOG+8644	proteomics_log	4176929	4177018	+	2	3	R.VIREKVDATKQYDINEAIALLKELATAK.FV.E	34

PLOG+8645	proteomics_log	4176929	4177060	+	2	10	R.VIREKVDATKQYDINEAIALKELATAKFVESVDVAVNLGIDAR.K	48
PLOG+8646	proteomics_log	4176929	4176994	+	2	36	R.VIREKVDATKQYDINEAIALK.E	26
PLOG+8647	proteomics_log	4176929	4176958	+	2	95	R.VIREKVDATK.Q	14
PLOG+8648	proteomics_log	4176929	4177012	+	2	305	R.VIREKVDATKQYDINEAIALKELATAK.F	32
PLOG+8649	proteomics_log	4176938	4177060	+	2	36	R.EKVDATKQYDINEAIALKELATAKFVESVDVAVNLGIDAR.K	45
PLOG+8650	proteomics_log	4176938	4176994	+	2	174	R.EKVDATKQYDINEAIALK.E	23
PLOG+8651	proteomics_log	4176938	4177012	+	2	285	R.EKVDATKQYDINEAIALKELATAK.F	29
PLOG+8652	proteomics_log	4176944	4177060	+	2	59	K.VDATKQYDINEAIALKELATAKFVESVDVAVNLGIDAR.K	43
PLOG+8653	proteomics_log	4176944	4176994	+	2	150	K.VDATKQYDINEAIALK.E	21
PLOG+8654	proteomics_log	4176944	4177012	+	2	433	K.VDATKQYDINEAIALKELATAK.F	27
PLOG+8655	proteomics_log	4176959	4177060	+	2	23	K.QYDINEAIALKELATAKFVESVDVAVNLGIDAR.K	38
PLOG+8656	proteomics_log	4176959	4176994	+	2	96	K.QYDINEAIALK.E	16
PLOG+8657	proteomics_log	4176959	4177012	+	2	302	K.QYDINEAIALKELATAK.F	22
PLOG+8658	proteomics_log	4176989	4177060	+	2	5	L.LKELATAKFVESVDVAVNLGIDAR.K	28
PLOG+8659	proteomics_log	4176992	4177060	+	2	2	L.KELATAKFVESVDVAVNLGIDAR.K	27
PLOG+8660	proteomics_log	4177013	4177060	+	2	759	K.FVESVDVAVNLGIDAR.K	20
PLOG+8661	proteomics_log	4177061	4177114	+	2	251	R.KSDQNVRGATVLPHTGR.S	22
PLOG+8662	proteomics_log	4177064	4177114	+	2	77	K.SDQNVRGATVLPHTGR.S	21
PLOG+8663	proteomics_log	4177082	4177114	+	2	233	R.GATVLPHTGR.S	15
PLOG+8664	proteomics_log	4177115	4177195	+	2	2	R.SVRVAVFTQGANAEEAAKAAGAEVGM.E	31
PLOG+8665	proteomics_log	4177115	4177165	+	2	28	R.SVRVAVFTQGANAEEAAK.A	21
PLOG+8666	proteomics_log	4177124	4177234	+	2	2	R.VAVFTQGANAEEAAKAAGAEVGMEDLADQIKKGEMNF.D	41
PLOG+8667	proteomics_log	4177124	4177267	+	2	3	R.VAVFTQGANAEEAAKAAGAEVGMEDLADQIKKGEM*NFDVVIASPDAM*R.V	54
PLOG+8668	proteomics_log	4177124	4177267	+	2	3	R.VAVFTQGANAEEAAKAAGAEVGMEDLADQIKKGEM*NFDVVIASPDAMR.V	53
PLOG+8669	proteomics_log	4177124	4177216	+	2	4	R.VAVFTQGANAEEAAKAAGAEVGM*EDLADQIK.K	36
PLOG+8670	proteomics_log	4177124	4177267	+	2	3	R.VAVFTQGANAEEAAKAAGAEVGM*EDLADQIKKGEM*NFDVVIASPDAM*R.V	55
PLOG+8671	proteomics_log	4177124	4177267	+	2	9	R.VAVFTQGANAEEAAKAAGAEVGMEDLADQIKKGEMNFDVVIASPDAM*R.V	53
PLOG+8672	proteomics_log	4177124	4177156	+	2	11	R.VAVFTQGANAE.A	15
PLOG+8673	proteomics_log	4177124	4177219	+	2	30	R.VAVFTQGANAEAAKAAGAEVGMEDLADQIKK.G	36
PLOG+8674	proteomics_log	4177124	4177216	+	2	119	R.VAVFTQGANAEAAKAAGAEVGMEDLADQIK.K	35
PLOG+8675	proteomics_log	4177124	4177267	+	2	146	R.VAVFTQGANAEAAKAAGAEVGMEDLADQIKKGEMNFDVVIASPDAMR.V	52
PLOG+8676	proteomics_log	4177124	4177165	+	2	428	R.VAVFTQGANAEAAK.A	18
PLOG+8677	proteomics_log	4177163	4177267	+	2	8	A.KAAGAEVGMEDLADQIKKGEMNFDVVIASPDAMR.V	39
PLOG+8678	proteomics_log	4177166	4177219	+	2	2	K.AAGAEVGM*EDLADQIKK.G	23
PLOG+8679	proteomics_log	4177166	4177303	+	2	2	K.AAGAEVGMEDLADQIKKGEM*NFDVVIASPDAMRVVGGQLGQVLGPR.G	51
PLOG+8680	proteomics_log	4177166	4177303	+	2	2	K.AAGAEVGMEDLADQIKKGEM*NFDVVIASPDAM*RVVGGQLGQVLGPR.G	52
PLOG+8681	proteomics_log	4177166	4177267	+	2	2	K.AAGAEVGM*EDLADQIKKGEMNFDVVIASPDAM*R.V	40
PLOG+8682	proteomics_log	4177166	4177303	+	2	2	K.AAGAEVGM*EDLADQIKKGEM*NFDVVIASPDAM*RVVGGQLGQVLGPR.G	53
PLOG+8683	proteomics_log	4177166	4177267	+	2	7	K.AAGAEVGM*EDLADQIKKGEMNFDVVIASPDAMR.V	39
PLOG+8684	proteomics_log	4177166	4177216	+	2	7	K.AAGAEVGM*EDLADQIK.K	22
PLOG+8685	proteomics_log	4177166	4177267	+	2	7	K.AAGAEVGMEDLADQIKKGEM*NFDVVIASPDAMR.V	39
PLOG+8686	proteomics_log	4177166	4177267	+	2	2	K.AAGAEVGM*EDLADQIKKGEM*NFDVVIASPDAM*R.V	41
PLOG+8687	proteomics_log	4177166	4177219	+	2	59	K.AAGAEVGMEDLADQIKK.G	22
PLOG+8688	proteomics_log	4177166	4177267	+	2	64	K.AAGAEVGMEDLADQIKKGEMNFDVVIASPDAM*R.V	39
PLOG+8689	proteomics_log	4177166	4177303	+	2	83	K.AAGAEVGMEDLADQIKKGEMNFDVVIASPDAMRVVGGQLGQVLGPR.G	50
PLOG+8690	proteomics_log	4177166	4177216	+	2	182	K.AAGAEVGMEDLADQIK.K	21

PLOG+8691	proteomics_log	4177166	4177267	+	2	342	K.AAGAEVLGMEDLADQIKKGEMNFDVVIASPDAMR.V	38
PLOG+8692	proteomics_log	4177175	4177303	+	2	3	G.AELVGM*EDLADQIKKGEMNFDVVIASPDAMRVVGLGQVLGPR.G	48
PLOG+8693	proteomics_log	4177217	4177267	+	2	2	K.KGEM*NFDVVIASPDAMR.V	22
PLOG+8694	proteomics_log	4177217	4177267	+	2	2	K.KGEMNFDVVIASPDAM*R.V	22
PLOG+8695	proteomics_log	4177217	4177303	+	2	54	K.KGEMNFDVVIASPDAMRVVGLGQVLGPR.G	33
PLOG+8696	proteomics_log	4177217	4177267	+	2	88	K.KGEMNFDVVIASPDAMR.V	21
PLOG+8697	proteomics_log	4177220	4177303	+	2	5	K.GEMNFDVVIASPDAMRVVGLGQVLGPR.G	32
PLOG+8698	proteomics_log	4177220	4177267	+	2	37	K.GEMNFDVVIASPDAMR.V	20
PLOG+8699	proteomics_log	4177265	4177303	+	2	7	M.RVVGLGQVLGPR.G	17
PLOG+8700	proteomics_log	4177268	4177324	+	2	4	R.VVGQLGQVLGPRGLMPNPK.V	23
PLOG+8701	proteomics_log	4177268	4177294	+	2	17	R.VVGQLGQVL.G	13
PLOG+8702	proteomics_log	4177268	4177303	+	2	592	R.VVGQLGQVLGPR.G	16
PLOG+8703	proteomics_log	4177274	4177303	+	2	3	V.GQLGQVLGPR.G	14
PLOG+8704	proteomics_log	4177301	4177324	+	2	2	P.RGLM*PNPK.V	13
PLOG+8705	proteomics_log	4177304	4177363	+	2	2	R.GLM*PNPKVGTVTPNVAEAVK.N	25
PLOG+8706	proteomics_log	4177304	4177387	+	2	4	R.GLM*PNPKVGTVTPNVAEAVKNAKAGQVR.Y	33
PLOG+8707	proteomics_log	4177304	4177324	+	2	5	R.GLMPNPK.V	11
PLOG+8708	proteomics_log	4177304	4177363	+	2	8	R.GLMPNPKVGTVTPNVAEAVK.N	24
PLOG+8709	proteomics_log	4177304	4177372	+	2	17	R.GLM*PNPKVGTVTPNVAEAVKNAK.A	28
PLOG+8710	proteomics_log	4177304	4177387	+	2	37	R.GLMPNPKVGTVTPNVAEAVKNAKAGQVR.Y	32
PLOG+8711	proteomics_log	4177304	4177372	+	2	235	R.GLMPNPKVGTVTPNVAEAVKNAK.A	27
PLOG+8712	proteomics_log	4177325	4177387	+	2	59	K.VGTVTPNVAEAVKNAKAGQVR.Y	25
PLOG+8713	proteomics_log	4177325	4177363	+	2	228	K.VGTVTPNVAEAVK.N	17
PLOG+8714	proteomics_log	4177325	4177372	+	2	275	K.VGTVTPNVAEAVKNAK.A	20
PLOG+8715	proteomics_log	4177328	4177372	+	2	6	V.GTVTPNVAEAVKNAK.A	19
PLOG+8716	proteomics_log	4177337	4177372	+	2	23	V.TPNVAEAVKNAK.A	16
PLOG+8717	proteomics_log	4177340	4177387	+	2	3	T.PNVAEAVKNAKAGQVR.Y	20
PLOG+8718	proteomics_log	4177340	4177372	+	2	14	T.PNVAEAVKNAK.A	15
PLOG+8719	proteomics_log	4177388	4177453	+	2	2	R.YRNDKNGIIHTTIGKVDFDADK.L	26
PLOG+8720	proteomics_log	4177388	4177492	+	2	18	R.YRNDKNGIIHTTIGKVDFDADKLNLEALLVALK.K	39
PLOG+8721	proteomics_log	4177388	4177495	+	2	36	R.YRNDKNGIIHTTIGKVDFDADKLNLEALLVALKK.A	40
PLOG+8722	proteomics_log	4177388	4177432	+	2	116	R.YRNDKNGIIHTTIGK.V	19
PLOG+8723	proteomics_log	4177394	4177495	+	2	3	R.NDKNGIIHTTIGKVDFDADKLNLEALLVALKK.A	38
PLOG+8724	proteomics_log	4177394	4177492	+	2	48	R.NDKNGIIHTTIGKVDFDADKLNLEALLVALK.K	37
PLOG+8725	proteomics_log	4177403	4177432	+	2	5	K.NGIIHTTIGK.V	14
PLOG+8726	proteomics_log	4177403	4177492	+	2	16	K.NGIIHTTIGKVDFDADKLNLEALLVALK.K	34
PLOG+8727	proteomics_log	4177403	4177495	+	2	94	K.NGIIHTTIGKVDFDADKLNLEALLVALKK.A	35
PLOG+8728	proteomics_log	4177424	4177492	+	2	83	T.IGKVDFDADKLNLEALLVALK.K	27
PLOG+8729	proteomics_log	4177433	4177516	+	2	9	K.VDFDADKLNLEALLVALKKAKPTQAK.G	32
PLOG+8730	proteomics_log	4177433	4177492	+	2	151	K.VDFDADKLNLEALLVALK.K	24
PLOG+8731	proteomics_log	4177433	4177495	+	2	261	K.VDFDADKLNLEALLVALKK.A	25
PLOG+8732	proteomics_log	4177436	4177495	+	2	8	V.DFDADKLNLEALLVALKK.A	24
PLOG+8733	proteomics_log	4177454	4177492	+	2	2	K.LKENLEALLVALK.K	17
PLOG+8734	proteomics_log	4177454	4177495	+	2	131	K.LKENLEALLVALKK.A	18
PLOG+8735	proteomics_log	4177496	4177531	+	2	37	K.AKPTQAKGVYIK.K	16
PLOG+8736	proteomics_log	4177496	4177534	+	2	126	K.AKPTQAKGVYIKK.V	17

PLOG+8737	proteomics_log	4177502	4177534	+	2	4	K.PTQAKGVYIKK.V	15
PLOG+8738	proteomics_log	4177532	4177603	+	2	2	K.KVSISTTMGAGVAVDQAGLSASVN.-	28
PLOG+8739	proteomics_log	4177535	4177603	+	2	5	K.VSISTTMGAGVAVDQAGLSASVN.-	27
PLOG+8740	proteomics_log	4177535	4177603	+	2	5	K.VSISTTM*GAGVAVDQAGLSASVN.-	28
PLOG+8741	proteomics_log	4178022	4178156	+	3	6	M.ALNLQDKQAIVAEVSEVAKGALSAVVADSRGVTVDKM*TELKAGR.E	50
PLOG+8742	proteomics_log	4178022	4178147	+	3	26	M.ALNLQDKQAIVAEVSEVAKGALSAVVADSRGVTVDKM*TELK.A	47
PLOG+8743	proteomics_log	4178022	4178144	+	3	27	M.ALNLQDKQAIVAEVSEVAKGALSAVVADSRGVTVDKM*TELK.K	46
PLOG+8744	proteomics_log	4178022	4178147	+	3	41	M.ALNLQDKQAIVAEVSEVAKGALSAVVADSRGVTVDKMTELK.A	46
PLOG+8745	proteomics_log	4178022	4178129	+	3	114	M.ALNLQDKQAIVAEVSEVAKGALSAVVADSRGVTVDK.M	40
PLOG+8746	proteomics_log	4178022	4178144	+	3	153	M.ALNLQDKQAIVAEVSEVAKGALSAVVADSRGVTVDKMTELK.K	45
PLOG+8747	proteomics_log	4178022	4178078	+	3	363	M.ALNLQDKQAIVAEVSEVAK.G	23
PLOG+8748	proteomics_log	4178022	4178111	+	3	628	M.ALNLQDKQAIVAEVSEVAKGALSAVVADSR.G	34
PLOG+8749	proteomics_log	4178043	4178147	+	3	2	K.QAIVAEVSEVAKGALSAVVADSRGVTVDKMTELK.A	39
PLOG+8750	proteomics_log	4178043	4178144	+	3	17	K.QAIVAEVSEVAKGALSAVVADSRGVTVDKMTELK.K	38
PLOG+8751	proteomics_log	4178043	4178111	+	3	160	K.QAIVAEVSEVAKGALSAVVADSR.G	27
PLOG+8752	proteomics_log	4178043	4178078	+	3	168	K.QAIVAEVSEVAK.G	16
PLOG+8753	proteomics_log	4178046	4178129	+	3	20	Q.AIVAEVSEVAKGALSAVVADSRGVTVDK.M	32
PLOG+8754	proteomics_log	4178055	4178111	+	3	6	V.AEVSEVAKGALSAVVADSR.G	23
PLOG+8755	proteomics_log	4178070	4178144	+	3	5	E.VAKGALSAVVADSRGVTVDKMTELK.K	29
PLOG+8756	proteomics_log	4178079	4178156	+	3	2	K.GALSAVVADSRGVTVDKM*TELKAGR.E	31
PLOG+8757	proteomics_log	4178079	4178144	+	3	5	K.GALSAVVADSRGVTVDKM*TELK.K	27
PLOG+8758	proteomics_log	4178079	4178129	+	3	24	K.GALSAVVADSRGVTVDK.M	21
PLOG+8759	proteomics_log	4178079	4178156	+	3	33	K.GALSAVVADSRGVTVDKMTELKAGR.E	30
PLOG+8760	proteomics_log	4178079	4178144	+	3	120	K.GALSAVVADSRGVTVDKMTELK.K	26
PLOG+8761	proteomics_log	4178079	4178147	+	3	121	K.GALSAVVADSRGVTVDKMTELK.A	27
PLOG+8762	proteomics_log	4178079	4178111	+	3	359	K.GALSAVVADSR.G	15
PLOG+8763	proteomics_log	4178112	4178147	+	3	19	R.GVTVDKM*TELK.A	17
PLOG+8764	proteomics_log	4178112	4178147	+	3	35	R.GVTVDKMTELK.A	16
PLOG+8765	proteomics_log	4178112	4178144	+	3	61	R.GVTVDKM*TELK.K	16
PLOG+8766	proteomics_log	4178112	4178156	+	3	77	R.GVTVDKMTELKAGR.E	19
PLOG+8767	proteomics_log	4178112	4178144	+	3	229	R.GVTVDKMTELK.K	15
PLOG+8768	proteomics_log	4178118	4178144	+	3	2	V.TVDKMTELK.K	13
PLOG+8769	proteomics_log	4178145	4178177	+	3	29	R.KAGREAGVYMR.V	15
PLOG+8770	proteomics_log	4178148	4178177	+	3	108	K.AGREAGVYMR.V	14
PLOG+8771	proteomics_log	4178157	4178177	+	3	16	R.EAGVYMR.V	11
PLOG+8772	proteomics_log	4178178	4178201	+	3	3	R.VVRNTLLR.R	12
PLOG+8773	proteomics_log	4178202	4178300	+	3	13	R.RAVEGTPFECLKDAFVGPTLIAYSMEHPGAAAR.L	37
PLOG+8774	proteomics_log	4178205	4178300	+	3	15	R.AVEGTPFECLKDAFVGPTLIAYSMEHPGAAAR.L	36
PLOG+8775	proteomics_log	4178232	4178300	+	3	8	C.LKDAFVGPTLIAYSMEHPGAAAR.L	27
PLOG+8776	proteomics_log	4178238	4178270	+	3	3	K.DAFVGPTLIAY.S	15
PLOG+8777	proteomics_log	4178238	4178258	+	3	3	K.DAFVGPT.L	11
PLOG+8778	proteomics_log	4178238	4178300	+	3	124	K.DAFVGPTLIAYSMEHPGAAAR.L	25
PLOG+8779	proteomics_log	4178250	4178300	+	3	3	V.GPTLIAYSMEHPGAAAR.L	21
PLOG+8780	proteomics_log	4178271	4178300	+	3	45	Y.SMEHPGAAAR.L	14
PLOG+8781	proteomics_log	4178301	4178393	+	3	6	R.LFKEFAKANAKFEVKAFAFEGELIPASQIDR.L	35
PLOG+8782	proteomics_log	4178301	4178321	+	3	7	R.LFKEFAK.A	11

PLOG+8783	proteomics_log	4178301	4178345	+	3	48	R.LFKEFAKANAKFEVK.A	19
PLOG+8784	proteomics_log	4178301	4178333	+	3	145	R.LFKEFAKANAK.F	15
PLOG+8785	proteomics_log	4178322	4178432	+	3	9	K.ANAKFEVKAAAFEGELIPASQIDRLATLPTYEEAIAR.L	41
PLOG+8786	proteomics_log	4178322	4178345	+	3	72	K.ANAKFEVK.A	12
PLOG+8787	proteomics_log	4178322	4178393	+	3	81	K.ANAKFEVKAAAFEGELIPASQIDR.L	28
PLOG+8788	proteomics_log	4178334	4178393	+	3	12	K.FEVKAAAFEGELIPASQIDR.L	24
PLOG+8789	proteomics_log	4178334	4178432	+	3	117	K.FEVKAAAFEGELIPASQIDRLATLPTYEEAIAR.L	37
PLOG+8790	proteomics_log	4178346	4178477	+	3	3	K.AAAFEGELIPASQIDRLATLPTYEEAIARLMATMKEASAGKLV.R.T	48
PLOG+8791	proteomics_log	4178346	4178393	+	3	346	K.AAAFEGELIPASQIDR.L	20
PLOG+8792	proteomics_log	4178346	4178432	+	3	402	K.AAAFEGELIPASQIDRLATLPTYEEAIAR.L	33
PLOG+8793	proteomics_log	4178373	4178432	+	3	31	I.PASQIDRLATLPTYEEAIAR.L	24
PLOG+8794	proteomics_log	4178394	4178417	+	3	9	R.LATLPTYE.E	12
PLOG+8795	proteomics_log	4178394	4178477	+	3	69	R.LATLPTYEEAIARLMATMKEASAGKLV.R.T	32
PLOG+8796	proteomics_log	4178394	4178432	+	3	235	R.LATLPTYEEAIAR.L	17
PLOG+8797	proteomics_log	4178406	4178432	+	3	17	L.PTYEEAIAR.L	13
PLOG+8798	proteomics_log	4178433	4178474	+	3	4	R.LMATMKEASAGKLV.R	18
PLOG+8799	proteomics_log	4178433	4178513	+	3	8	R.LMATMKEASAGKLVRTLAAVRDAKEAA.-	31
PLOG+8800	proteomics_log	4178433	4178468	+	3	13	R.LM*ATMKEASAGK.L	17
PLOG+8801	proteomics_log	4178433	4178477	+	3	25	R.LM*ATM*KEASAGKLV.R.T	21
PLOG+8802	proteomics_log	4178433	4178468	+	3	13	R.LM*ATM*KEASAGK.L	18
PLOG+8803	proteomics_log	4178433	4178477	+	3	30	R.LMATM*KEASAGKLV.R.T	20
PLOG+8804	proteomics_log	4178433	4178468	+	3	34	R.LMATM*KEASAGK.L	17
PLOG+8805	proteomics_log	4178433	4178477	+	3	44	R.LM*ATMKEASAGKLV.R.T	20
PLOG+8806	proteomics_log	4178433	4178468	+	3	124	R.LMATMKEASAGK.L	16
PLOG+8807	proteomics_log	4178433	4178477	+	3	460	R.LMATMKEASAGKLV.R.T	19
PLOG+8808	proteomics_log	4178451	4178477	+	3	42	K.EASAGKLV.R.T	13
PLOG+8809	proteomics_log	4178478	4178504	+	3	119	R.TLAAVRDAK.E	13
PLOG+8810	proteomics_log	4178478	4178513	+	3	283	R.TLAAVRDAKEAA.-	16
PLOG+8811	proteomics_log	4178583	4178672	+	3	2	-.MSITKDQIIEAVAAM*SVMDVVELISAMEEK.F	35
PLOG+8812	proteomics_log	4178583	4178672	+	3	9	-.M*SITKDQIIEAVAAMSVM*SVMDVVELISAMEEK.F	35
PLOG+8813	proteomics_log	4178583	4178672	+	3	139	-.MSITKDQIIEAVAAMSVM*SVMDVVELISAMEEK.F	34
PLOG+8814	proteomics_log	4178586	4178672	+	3	20	M.SITKDQIIEAVAAMSVM*DVVELISAMEEK.F	34
PLOG+8815	proteomics_log	4178586	4178672	+	3	36	M.SITKDQIIEAVAAM*SVMDVVELISAMEEK.F	34
PLOG+8816	proteomics_log	4178586	4178672	+	3	41	M.SITKDQIIEAVAAMSVM*DVVELISAMEEK.F	34
PLOG+8817	proteomics_log	4178586	4178672	+	3	20	M.SITKDQIIEAVAAM*SVMD*DVVELISAMEEK.F	35
PLOG+8818	proteomics_log	4178586	4178672	+	3	20	M.SITKDQIIEAVAAM*SVMD*DVVELISAMEEK.F	36
PLOG+8819	proteomics_log	4178586	4178672	+	3	528	M.SITKDQIIEAVAAMSVM*SVMDVVELISAMEEK.F	33
PLOG+8820	proteomics_log	4178598	4178672	+	3	6	K.DQIIEAVAAM*SVMD*DVVELISAMEEK.F	31
PLOG+8821	proteomics_log	4178598	4178672	+	3	7	K.DQIIEAVAAMSVM*DVVELISAMEEK.F	30
PLOG+8822	proteomics_log	4178598	4178672	+	3	6	K.DQIIEAVAAM*SVMD*DVVELISAMEEK.F	32
PLOG+8823	proteomics_log	4178598	4178672	+	3	15	K.DQIIEAVAAM*SVMDVVELISAMEEK.F	30
PLOG+8824	proteomics_log	4178598	4178672	+	3	23	K.DQIIEAVAAMSVM*DVVELISAMEEK.F	30
PLOG+8825	proteomics_log	4178598	4178672	+	3	343	K.DQIIEAVAAMSVM*SVMDVVELISAMEEK.F	29
PLOG+8826	proteomics_log	4178607	4178672	+	3	45	I.IEAVAAMSVM*SVMDVVELISAMEEK.F	26
PLOG+8827	proteomics_log	4178613	4178672	+	3	12	E.AVAAMSVM*DVVELISAMEEK.F	25
PLOG+8828	proteomics_log	4178613	4178672	+	3	26	E.AVAAM*SVMDVVELISAMEEK.F	25



PLOG+8829	proteomics_log	4178619	4178672	+	3	2	V.AAMSVMDVVVELISAMEEK.F	22
PLOG+8830	proteomics_log	4178625	4178672	+	3	40	A.MSVMDVVVELISAMEEK.F	20
PLOG+8831	proteomics_log	4178628	4178672	+	3	10	M.SVMDVVVELISAMEEK.F	19
PLOG+8832	proteomics_log	4178631	4178672	+	3	67	S.VMDVVVELISAMEEK.F	18
PLOG+8833	proteomics_log	4178673	4178738	+	3	2	K.FGVSAAA AVAAGPVEAAEEK.T	26
PLOG+8834	proteomics_log	4178673	4178804	+	3	4	K.FGVSAAA AVAAGPVEAAEEKTEFDVILKAAGANKVAVIKAVR.G	48
PLOG+8835	proteomics_log	4178673	4178795	+	3	28	K.FGVSAAA AVAAGPVEAAEEKTEFDVILKAAGANKVAVIK.A	45
PLOG+8836	proteomics_log	4178673	4178762	+	3	1349	K.FGVSAAA AVAAGPVEAAEEKTEFDVILK.A	34
PLOG+8837	proteomics_log	4178712	4178804	+	3	6	A.GPVEAAEEKTEFDVILKAAGANKVAVIKAVR.G	35
PLOG+8838	proteomics_log	4178739	4178780	+	3	2	K.TEFDVILKAAGANK.V	18
PLOG+8839	proteomics_log	4178739	4178795	+	3	6	K.TEFDVILKAAGANKVAVIK.A	23
PLOG+8840	proteomics_log	4178739	4178762	+	3	32	K.TEFDVILK.A	12
PLOG+8841	proteomics_log	4178739	4178804	+	3	45	K.TEFDVILKAAGANKVAVIKAVR.G	26
PLOG+8842	proteomics_log	4178763	4178795	+	3	294	K.AAGANKVAVIK.A	15
PLOG+8843	proteomics_log	4178763	4178804	+	3	340	K.AAGANKVAVIKAVR.G	18
PLOG+8844	proteomics_log	4178766	4178795	+	3	13	A.AGANKVAVIK.A	14
PLOG+8845	proteomics_log	4178769	4178804	+	3	2	A.GANKVAVIKAVR.G	16
PLOG+8846	proteomics_log	4178769	4178795	+	3	8	A.GANKVAVIK.A	13
PLOG+8847	proteomics_log	4178781	4178804	+	3	4	K.VAVIKAVR.G	12
PLOG+8848	proteomics_log	4178796	4178828	+	3	3	K.AVRGATGLGLK.E	15
PLOG+8849	proteomics_log	4178796	4178909	+	3	6	K.AVRGATGLGLKEAKDLVESAPAALKEGVSKDDAEALKK.A	42
PLOG+8850	proteomics_log	4178796	4178837	+	3	39	K.AVRGATGLGLKEAK.D	18
PLOG+8851	proteomics_log	4178805	4178906	+	3	3	R.GATGLGLKEAKDLVESAPAALKEGVSKDDAEALK.K	38
PLOG+8852	proteomics_log	4178805	4178885	+	3	18	R.GATGLGLKEAKDLVESAPAALKEGVSK.D	31
PLOG+8853	proteomics_log	4178805	4178870	+	3	34	R.GATGLGLKEAKDLVESAPAALK.E	26
PLOG+8854	proteomics_log	4178805	4178945	+	3	94	R.GATGLGLKEAKDLVESAPAALKEGVSKDDAEALKKALEEAGAEVEVK.-	51
PLOG+8855	proteomics_log	4178805	4178909	+	3	97	R.GATGLGLKEAKDLVESAPAALKEGVSKDDAEALKK.A	39
PLOG+8856	proteomics_log	4178805	4178837	+	3	107	R.GATGLGLKEAK.D	15
PLOG+8857	proteomics_log	4178811	4178837	+	3	4	A.TGLGLKEAK.D	13
PLOG+8858	proteomics_log	4178829	4178945	+	3	6	K.EAKDLVESAPAALKEGVSKDDAEALKKALEEAGAEVEVK.-	43
PLOG+8859	proteomics_log	4178829	4178909	+	3	8	K.EAKDLVESAPAALKEGVSKDDAEALKK.A	31
PLOG+8860	proteomics_log	4178838	4178870	+	3	37	K.DLVESAPAALK.E	15
PLOG+8861	proteomics_log	4178838	4178885	+	3	42	K.DLVESAPAALKEGVSK.D	20
PLOG+8862	proteomics_log	4178838	4178909	+	3	219	K.DLVESAPAALKEGVSKDDAEALKK.A	28
PLOG+8863	proteomics_log	4178838	4178945	+	3	318	K.DLVESAPAALKEGVSKDDAEALKKALEEAGAEVEVK.-	40
PLOG+8864	proteomics_log	4178871	4178909	+	3	13	K.EGVSKDDAEALKK.A	17
PLOG+8865	proteomics_log	4178871	4178945	+	3	36	K.EGVSKDDAEALKKALEEAGAEVEVK.-	29
PLOG+8866	proteomics_log	4178886	4178909	+	3	2	K.DDAEALKK.A	12
PLOG+8867	proteomics_log	4178886	4178945	+	3	91	K.DDAEALKKALEEAGAEVEVK.-	24
PLOG+8868	proteomics_log	4178907	4178945	+	3	11	K.KALEEAGAEVEVK.-	17
PLOG+8869	proteomics_log	4178910	4178945	+	3	717	K.ALEEAGAEVEVK.-	16
PLOG+8870	proteomics_log	4179268	4179297	+	1	2	P.M*VYSYTEKKR.I	15
PLOG+8871	proteomics_log	4179268	4179297	+	1	15	P.MVYSYTEKKR.I	14
PLOG+8872	proteomics_log	4179271	4179297	+	1	12	M.VYSYTEKKR.I	13
PLOG+8873	proteomics_log	4179298	4179378	+	1	5	R.IRKDFGKRQVLDVPYLLSIQLDSFQK.F	31
PLOG+8874	proteomics_log	4179304	4179378	+	1	35	R.KDFGKRQVLDVPYLLSIQLDSFQK.F	29

PLOG+8875	proteomics_log	4179307	4179378	+	1	24	K.DFGKRPQVLDVPYLLSIQLDSFQK.F	28
PLOG+8876	proteomics_log	4179319	4179378	+	1	11	K.RPQVLDVPYLLSIQLDSFQK.F	24
PLOG+8877	proteomics_log	4179379	4179429	+	1	74	K.FIEQDPEGQYGLEAAFR.S	21
PLOG+8878	proteomics_log	4179430	4179534	+	1	12	R.SVFPIQSYSGNSELQYVSYRLGEPVFDVQECQIRG.V	39
PLOG+8879	proteomics_log	4179430	4179489	+	1	62	R.SVFPIQSYSGNSELQYVSYR.L	24
PLOG+8880	proteomics_log	4179490	4179534	+	1	82	R.LGEPVFDVQECQIRG.V	19
PLOG+8881	proteomics_log	4179532	4179558	+	1	6	R.GVTYSAPLR.V	13
PLOG+8882	proteomics_log	4179532	4179564	+	1	29	R.GVTYSAPLRVK.L	15
PLOG+8883	proteomics_log	4179589	4179696	+	1	3	R.EAPEGTVKDIKEQEVYMG EIPLMTDNGTFVINGTER.V	40
PLOG+8884	proteomics_log	4179721	4179774	+	1	10	R.SPGVFFDSDKGGKTHSSGK.V	22
PLOG+8885	proteomics_log	4179721	4179756	+	1	22	R.SPGVFFDSDKGGK.T	16
PLOG+8886	proteomics_log	4179721	4179792	+	1	85	R.SPGVFFDSDKGGKTHSSGKVLNAR.I	28
PLOG+8887	proteomics_log	4179793	4179858	+	1	89	R.IIPYRGSWLDFFEDPKDNLFVR.I	26
PLOG+8888	proteomics_log	4179808	4179840	+	1	9	R.GSWLDFFEDPK.D	15
PLOG+8889	proteomics_log	4179808	4179858	+	1	73	R.GSWLDFFEDPKDNLFVR.I	21
PLOG+8890	proteomics_log	4179871	4179900	+	1	6	R.RKLPATIIILR.A	14
PLOG+8891	proteomics_log	4179901	4179975	+	1	10	R.ALNYTTEQILDFFEKVIFEIRDNK.L	29
PLOG+8892	proteomics_log	4179901	4179966	+	1	22	R.ALNYTTEQILDFFEKVIFEIR.D	26
PLOG+8893	proteomics_log	4179901	4180002	+	1	36	R.ALNYTTEQILDFFEKVIFEIRDNKLMELVPER.L	38
PLOG+8894	proteomics_log	4179901	4179948	+	1	309	R.ALNYTTEQILDFFEK.V	20
PLOG+8895	proteomics_log	4179949	4180002	+	1	31	K.VIFEIRDNKLMELVPER.L	22
PLOG+8896	proteomics_log	4179967	4180002	+	1	4	R.DNKLMELVPER.L	16
PLOG+8897	proteomics_log	4179976	4180002	+	1	3	K.LQMELVPER.L	13
PLOG+8898	proteomics_log	4180003	4180047	+	1	4	R.LRGETASFDIEANGK.V	19
PLOG+8899	proteomics_log	4180084	4180152	+	1	4	R.HIRQLEKDDVKLIEVPVEYIAGK.V	27
PLOG+8900	proteomics_log	4180093	4180152	+	1	31	R.QLEKDDVKLIEVPVEYIAGK.V	24
PLOG+8901	proteomics_log	4180117	4180152	+	1	20	K.LIEVPVEYIAGK.V	16
PLOG+8902	proteomics_log	4180261	4180323	+	1	16	K.RIETLFTNDLDHGPYISETLR.V	25
PLOG+8903	proteomics_log	4180264	4180323	+	1	39	R.IETLFTNDLDHGPYISETLR.V	24
PLOG+8904	proteomics_log	4180345	4180371	+	1	49	R.LSALVEIYR.M	13
PLOG+8905	proteomics_log	4180372	4180473	+	1	24	R.M*M*RPGEPTREAAESLFENLFFSEDRYDLSAVGR.M	40
PLOG+8906	proteomics_log	4180372	4180473	+	1	112	R.MMRPGEPTREAAESLFENLFFSEDRYDLSAVGR.M	38
PLOG+8907	proteomics_log	4180402	4180449	+	1	7	R.EAAESLFENLFFSEDR.Y	20
PLOG+8908	proteomics_log	4180402	4180473	+	1	88	R.EAAESLFENLFFSEDRYDLSAVGR.M	28
PLOG+8909	proteomics_log	4180489	4180533	+	1	4	R.SLLREEIEGSGILSK.D	19
PLOG+8910	proteomics_log	4180489	4180557	+	1	10	R.SLLREEIEGSGILSKDDIIDVM*K.K	28
PLOG+8911	proteomics_log	4180489	4180560	+	1	16	R.SLLREEIEGSGILSKDDIIDVM*KK.L	29
PLOG+8912	proteomics_log	4180489	4180575	+	1	16	R.SLLREEIEGSGILSKDDIIDVMKKLIDIR.N	33
PLOG+8913	proteomics_log	4180489	4180557	+	1	166	R.SLLREEIEGSGILSKDDIIDVMK.K	27
PLOG+8914	proteomics_log	4180489	4180560	+	1	186	R.SLLREEIEGSGILSKDDIIDVMKK.L	28
PLOG+8915	proteomics_log	4180558	4180620	+	1	4	K.KLIDIRNGKGEVDDIDHLGNR.R	25
PLOG+8916	proteomics_log	4180558	4180623	+	1	13	K.KLIDIRNGKGEVDDIDHLGNRR.I	26
PLOG+8917	proteomics_log	4180561	4180623	+	1	5	K.LIDIRNGKGEVDDIDHLGNRR.I	25
PLOG+8918	proteomics_log	4180561	4180620	+	1	35	K.LIDIRNGKGEVDDIDHLGNR.R	24
PLOG+8919	proteomics_log	4180576	4180623	+	1	3	R.NGKGEVDDIDHLGNRR.I	20
PLOG+8920	proteomics_log	4180576	4180620	+	1	16	R.NGKGEVDDIDHLGNR.R	19

PLOG+8921	proteomics_log	4180624	4180677	+	1	7	R.IRSVGEMAENQFRVGLVR.V	22
PLOG+8922	proteomics_log	4180624	4180662	+	1	85	R.IRSVGEMAENQFR.V	17
PLOG+8923	proteomics_log	4180630	4180686	+	1	3	R.SVGEMAENQFRVGLVRVER.A	23
PLOG+8924	proteomics_log	4180630	4180662	+	1	7	R.SVGM*AENQFR.V	16
PLOG+8925	proteomics_log	4180630	4180662	+	1	122	R.SVGEMAENQFR.V	15
PLOG+8926	proteomics_log	4180702	4180776	+	1	2	R.LSLGDLDTLMPQDM*INAKPISAAVK.E	30
PLOG+8927	proteomics_log	4180702	4180776	+	1	28	R.LSLGDLDTLMPQDMINAKPISAAVK.E	29
PLOG+8928	proteomics_log	4180777	4180851	+	1	3	K.EFFGSSQLSQFMDQNNPLSEITHKR.R	29
PLOG+8929	proteomics_log	4180777	4180848	+	1	28	K.EFFGSSQLSQFMDQNNPLSEITHK.R	28
PLOG+8930	proteomics_log	4180852	4180893	+	1	3	R.RISALGPGGLTRER.A	18
PLOG+8931	proteomics_log	4180852	4180887	+	1	136	R.RISALGPGGLTR.E	16
PLOG+8932	proteomics_log	4180855	4180887	+	1	191	R.ISALGPGGLTR.E	15
PLOG+8933	proteomics_log	4180894	4180938	+	1	3	R.AGFEVRDVHPHXYGR.V	19
PLOG+8934	proteomics_log	4180912	4180938	+	1	17	R.DVHPHXYGR.V	13
PLOG+8935	proteomics_log	4181179	4181208	+	1	84	R.SKGESSLFSR.D	14
PLOG+8936	proteomics_log	4181209	4181301	+	1	2	R.DQVDYM*DVSTQQVSVGASLIPFLEHDDANR.A	36
PLOG+8937	proteomics_log	4181209	4181301	+	1	10	R.DQVDYMDVSTQQVSVGASLIPFLEHDDANR.A	35
PLOG+8938	proteomics_log	4181275	4181301	+	1	2	P.FLEHDDANR.A	13
PLOG+8939	proteomics_log	4181302	4181328	+	1	4	R.ALM*GANM*QR.Q	15
PLOG+8940	proteomics_log	4181302	4181328	+	1	4	R.ALM*GANMQR.Q	14
PLOG+8941	proteomics_log	4181302	4181328	+	1	42	R.ALMGANMQR.Q	13
PLOG+8942	proteomics_log	4181329	4181385	+	1	2	R.QAVPTLRADKPLVGTGM*ER.A	24
PLOG+8943	proteomics_log	4181329	4181385	+	1	108	R.QAVPTLRADKPLVGTGMER.A	23
PLOG+8944	proteomics_log	4181350	4181385	+	1	15	R.ADKPLVGTGMER.A	16
PLOG+8945	proteomics_log	4181386	4181427	+	1	35	R.AVAVDSGVTAVAKR.G	18
PLOG+8946	proteomics_log	4181386	4181460	+	1	81	R.AVAVDSGVTAVAKRGGVVQYVDASR.I	29
PLOG+8947	proteomics_log	4181386	4181424	+	1	166	R.AVAVDSGVTAVAKR.R	17
PLOG+8948	proteomics_log	4181425	4181460	+	1	213	K.RGGVVQYVDASR.I	16
PLOG+8949	proteomics_log	4181428	4181460	+	1	65	R.GGVVQYVDASR.I	15
PLOG+8950	proteomics_log	4181461	4181541	+	1	2	R.IVIVNEDEM*YPGEAGIDIYNLTKYTR.S	32
PLOG+8951	proteomics_log	4181461	4181532	+	1	4	R.IVIVNEDEM*YPGEAGIDIYNLT.K.Y	29
PLOG+8952	proteomics_log	4181461	4181541	+	1	92	R.IVIVNEDEMYPGEAGIDIYNLTKYTR.S	31
PLOG+8953	proteomics_log	4181461	4181532	+	1	236	R.IVIVNEDEMYPGEAGIDIYNLT.K.Y	28
PLOG+8954	proteomics_log	4181473	4181532	+	1	2	K.VNEDEM*YPGEAGIDIYNLT.K.Y	25
PLOG+8955	proteomics_log	4181473	4181532	+	1	3	K.VNEDEMYPGEAGIDIYNLT.K.Y	24
PLOG+8956	proteomics_log	4181581	4181670	+	1	6	V.SLGEPVERGDVLADGPSTDLGELALGQNM.R.V	34
PLOG+8957	proteomics_log	4181605	4181670	+	1	7	R.GDVLADGPSTDLGELALGQNM*R.V	27
PLOG+8958	proteomics_log	4181605	4181670	+	1	92	R.GDVLADGPSTDLGELALGQNM.R.V	26
PLOG+8959	proteomics_log	4181638	4181730	+	1	18	D.LGELALGQNMRFVAFMPWNGYNFEDSILVSR.V	35
PLOG+8960	proteomics_log	4181671	4181730	+	1	3	R.VAFM*PWNGYNFEDSILVSR.V	25
PLOG+8961	proteomics_log	4181671	4181706	+	1	4	R.VAFM*PWNGYNFE.D	17
PLOG+8962	proteomics_log	4181671	4181730	+	1	204	R.VAFMPWNGYNFEDSILVSR.V	24
PLOG+8963	proteomics_log	4181707	4181730	+	1	2	E.DSILVSR.V	12
PLOG+8964	proteomics_log	4181800	4181925	+	1	2	K.LGPEEITADIPNVGEAALSKLDESGIVYIGAEVTGGDILVGK.V	46
PLOG+8965	proteomics_log	4181800	4181859	+	1	29	K.LGPEEITADIPNVGEAALSK.L	24
PLOG+8966	proteomics_log	4181926	4181967	+	1	7	K.VTPKGETQLTPEEK.L	18

PLOG+8967	proteomics_log	4181938	4181976	+	1	2	K.GETQLTPEEKLLR.A	17
PLOG+8968	proteomics_log	4181938	4181967	+	1	21	K.GETQLTPEEK.L	14
PLOG+8969	proteomics_log	4181977	4182075	+	1	2	R.AIFGEKASDVKDSLRVPNGVSGTVIDVQVFTR.D	37
PLOG+8970	proteomics_log	4181995	4182024	+	1	5	K.ASDVKDSSLR.V	14
PLOG+8971	proteomics_log	4181995	4182075	+	1	60	K.ASDVKDSSLRVPNGVSGTVIDVQVFTR.D	31
PLOG+8972	proteomics_log	4182076	4182189	+	1	2	R.DGVEKDKRALEIEEM*QLKQAKKDLSEELQILEAGLFSR.I	43
PLOG+8973	proteomics_log	4182100	4182129	+	1	2	R.ALEIEEM*QLK.Q	15
PLOG+8974	proteomics_log	4182100	4182138	+	1	4	R.ALEIEEMQLKQAK.K	17
PLOG+8975	proteomics_log	4182100	4182189	+	1	40	R.ALEIEEM*QLKQAKKDLSEELQILEAGLFSR.I	35
PLOG+8976	proteomics_log	4182100	4182129	+	1	134	R.ALEIEEMQLK.Q	14
PLOG+8977	proteomics_log	4182100	4182189	+	1	202	R.ALEIEEMQLKQAKKDLSEELQILEAGLFSR.I	34
PLOG+8978	proteomics_log	4182115	4182189	+	1	31	E.EM*QLKQAKKDLSEELQILEAGLFSR.I	30
PLOG+8979	proteomics_log	4182130	4182189	+	1	48	K.QAKKDLSEELQILEAGLFSR.I	24
PLOG+8980	proteomics_log	4182139	4182189	+	1	290	K.KDLSEELQILEAGLFSR.I	21
PLOG+8981	proteomics_log	4182142	4182189	+	1	147	K.DLSEELQILEAGLFSR.I	20
PLOG+8982	proteomics_log	4182151	4182189	+	1	2	S.EELQILEAGLFSR.I	17
PLOG+8983	proteomics_log	4182190	4182255	+	1	4	R.IRAVLVAGGVEAEKLDKLPDR.W	26
PLOG+8984	proteomics_log	4182190	4182249	+	1	113	R.IRAVLVAGGVEAEKLDKLP.D	24
PLOG+8985	proteomics_log	4182196	4182249	+	1	57	R.AVLVAGGVEAEKLDKLP.D	22
PLOG+8986	proteomics_log	4182250	4182348	+	1	2	R.DRWLELGLTDEEKQNQLAEQYDELKHEFEK.K	37
PLOG+8987	proteomics_log	4182256	4182348	+	1	10	R.WLELGLTDEEKQNQLAEQYDELKHEFEK.K	35
PLOG+8988	proteomics_log	4182367	4182411	+	1	11	R.RKITQGDDLAPGVLK.I	19
PLOG+8989	proteomics_log	4182370	4182438	+	1	2	R.KITQGDDLAPGVLKIVKVYLAVK.R	27
PLOG+8990	proteomics_log	4182370	4182441	+	1	3	R.KITQGDDLAPGVLKIVKVYLAVKR.R	28
PLOG+8991	proteomics_log	4182370	4182420	+	1	37	R.KITQGDDLAPGVLKIVK.V	21
PLOG+8992	proteomics_log	4182370	4182411	+	1	91	R.KITQGDDLAPGVLK.I	18
PLOG+8993	proteomics_log	4182373	4182411	+	1	22	K.ITQGDDLAPGVLK.I	17
PLOG+8994	proteomics_log	4182442	4182474	+	1	90	R.RIQPGDKMAGR.H	15
PLOG+8995	proteomics_log	4182475	4182585	+	1	5	R.HGNKGVISKINPIEDM*PYDENGTPVDIVLNPLGVPSR.M	42
PLOG+8996	proteomics_log	4182475	4182585	+	1	6	R.HGNKGVISKINPIEDMPYDENGTPVDIVLNPLGVPSR.M	41
PLOG+8997	proteomics_log	4182475	4182501	+	1	110	R.HGNKGVISK.I	13
PLOG+8998	proteomics_log	4182502	4182633	+	1	2	K.INPIEDM*PYDENGTPVDIVLNPLGVPSRMNIGQILETHLGM*AAK.G	50
PLOG+8999	proteomics_log	4182502	4182633	+	1	5	K.INPIEDMPYDENGTPVDIVLNPLGVPSRMNIGQILETHLGMAAK.G	48
PLOG+9000	proteomics_log	4182502	4182585	+	1	28	K.INPIEDM*PYDENGTPVDIVLNPLGVPSR.M	33
PLOG+9001	proteomics_log	4182502	4182585	+	1	203	K.INPIEDMPYDENGTPVDIVLNPLGVPSR.M	32
PLOG+9002	proteomics_log	4182586	4182633	+	1	2	R.M*NIGQILETHLGMAAK.G	21
PLOG+9003	proteomics_log	4182586	4182633	+	1	14	R.MNIGQILETHLGM*AAK.G	21
PLOG+9004	proteomics_log	4182586	4182633	+	1	300	R.MNIGQILETHLGMAAK.G	20
PLOG+9005	proteomics_log	4182634	4182687	+	1	3	K.GIGDKINAM*LKQQQEVAK.L	23
PLOG+9006	proteomics_log	4182634	4182693	+	1	5	K.GIGDKINAM*LKQQQEVAKLR.E	25
PLOG+9007	proteomics_log	4182634	4182708	+	1	6	K.GIGDKINAM*LKQQQEVAKLREFIQR.A	30
PLOG+9008	proteomics_log	4182634	4182693	+	1	31	K.GIGDKINAMLKQQQEVAKLR.E	24
PLOG+9009	proteomics_log	4182634	4182666	+	1	38	K.GIGDKINAMLK.Q	15
PLOG+9010	proteomics_log	4182634	4182708	+	1	45	K.GIGDKINAMLKQQQEVAKLREFIQR.A	29
PLOG+9011	proteomics_log	4182634	4182687	+	1	71	K.GIGDKINAMLKQQQEVAK.L	22
PLOG+9012	proteomics_log	4182709	4182735	+	1	53	R.AYDLGADV.R	13

PLOG+9013	proteomics_log	4182736	4182780	+	1	4	R.QKVDLSTFSDEEVM*R.L	20
PLOG+9014	proteomics_log	4182736	4182780	+	1	117	R.QKVDLSTFSDEEVMR.L	19
PLOG+9015	proteomics_log	4182742	4182780	+	1	4	K.VDLSTFSDEEVMR.L	17
PLOG+9016	proteomics_log	4182742	4182780	+	1	4	K.VDLSTFSDEEVM*R.L	18
PLOG+9017	proteomics_log	4182781	4182900	+	1	3	R.LAENLRKGM*PIATPVFDGAKEAEIKELLKGLDLPTSGQIR.L	45
PLOG+9018	proteomics_log	4182799	4182900	+	1	3	R.KGM*PIATPVFDGAKEAEIKELLKGLDLPTSGQIR.L	39
PLOG+9019	proteomics_log	4182802	4182840	+	1	29	K.GMPIATPVFDGAK.E	17
PLOG+9020	proteomics_log	4182802	4182900	+	1	132	K.GMPIATPVFDGAKEAEIKELLKGLDLPTSGQIR.L	37
PLOG+9021	proteomics_log	4182841	4182867	+	1	2	K.EAEIKELLK.L	13
PLOG+9022	proteomics_log	4182841	4182900	+	1	71	K.EAEIKELLKGLDLPTSGQIR.L	24
PLOG+9023	proteomics_log	4182868	4182900	+	1	123	K.LGDLPTSGQIR.L	15
PLOG+9024	proteomics_log	4182901	4182969	+	1	5	R.LYDGRTGEQFERPVTVGMYMLK.L	27
PLOG+9025	proteomics_log	4182916	4182969	+	1	95	R.TGEQFERPVTVGMYMLK.L	22
PLOG+9026	proteomics_log	4182970	4182993	+	1	11	K.LNHLVDDK.M	12
PLOG+9027	proteomics_log	4182970	4183005	+	1	12	K.LNHLVDDKM*HAR.S	17
PLOG+9028	proteomics_log	4182970	4183005	+	1	125	K.LNHLVDDKM HAR.S	16
PLOG+9029	proteomics_log	4183006	4183074	+	1	32	R.STGSYSLVTQQPLGGKAQFGGQR.F	27
PLOG+9030	proteomics_log	4183006	4183053	+	1	120	R.STGSYSLVTQQPLGGK.A	20
PLOG+9031	proteomics_log	4183075	4183149	+	1	2	R.FGEMEVWALEAYGAAYTLQEM*LTVK.S	30
PLOG+9032	proteomics_log	4183075	4183176	+	1	7	R.FGEMEVWALEAYGAAYTLQEMLTVKSDDVNGRTK.M	38
PLOG+9033	proteomics_log	4183075	4183170	+	1	30	R.FGEMEVWALEAYGAAYTLQEMLTVKSDDVNGR.T	36
PLOG+9034	proteomics_log	4183075	4183149	+	1	137	R.FGEMEVWALEAYGAAYTLQEMLTVK.S	29
PLOG+9035	proteomics_log	4183177	4183251	+	1	2	K.MYKNIVDGNHQMEPGMPESFNVLLK.E	29
PLOG+9036	proteomics_log	4183177	4183260	+	1	2	K.M*YKNIVDGNHQM*EPGM*PESFNVLLKEIR.S	35
PLOG+9037	proteomics_log	4183177	4183260	+	1	106	K.MYKNIVDGNHQMEPGMPESFNVLLKEIR.S	32
PLOG+9038	proteomics_log	4183186	4183251	+	1	21	K.NIVDGNHQMEPGMPESFNVLLK.E	26
PLOG+9039	proteomics_log	4183186	4183260	+	1	112	K.NIVDGNHQMEPGMPESFNVLLKEIR.S	29
PLOG+9040	proteomics_log	4183261	4183293	+	1	15	R.SLGINIELEDE.-	15
PLOG+9041	proteomics_log	4183391	4183435	+	2	2	K.FLKAQTKTEEFDAIK.I	19
PLOG+9042	proteomics_log	4183391	4183465	+	2	87	K.FLKAQTKTEEFDAIKIALASPD MIR.S	29
PLOG+9043	proteomics_log	4183400	4183465	+	2	18	K.AQTKTEEFDAIKIALASPD MIR.S	26
PLOG+9044	proteomics_log	4183412	4183465	+	2	5	K.TEEFDAIKIALASPD MIR.S	23
PLOG+9045	proteomics_log	4183412	4183465	+	2	128	K.TEEFDAIKIALASPD MIR.S	22
PLOG+9046	proteomics_log	4183436	4183465	+	2	39	K.IALASPD MIR.S	14
PLOG+9047	proteomics_log	4183439	4183513	+	2	2	I.ALASPD MIR*IRSWFGEVKKPETIN YR.T	30
PLOG+9048	proteomics_log	4183466	4183513	+	2	52	R.SWSFGEVKKPETIN YR.T	20
PLOG+9049	proteomics_log	4183676	4183726	+	2	13	R.M*GHIELASPTAHIWFLK.S	22
PLOG+9050	proteomics_log	4183676	4183726	+	2	154	R.MGHIELASPTAHIWFLK.S	21
PLOG+9051	proteomics_log	4183742	4183783	+	2	3	R.IGLLDMPLRDIER.V	18
PLOG+9052	proteomics_log	4183742	4183840	+	2	24	R.IGLLDMPLRDIERVLYFESYVVIEGGMTNLER.Q	37
PLOG+9053	proteomics_log	4183841	4183942	+	2	2	R.QQILTEEQYLDAL EEFGEF DAKM*GAEAIQALLK.S	39
PLOG+9054	proteomics_log	4183841	4183909	+	2	28	R.QQILTEEQYLDAL EEFGEF DAK.M	27
PLOG+9055	proteomics_log	4183841	4183942	+	2	45	R.QQILTEEQYLDAL EEFGEF DAKMGAEAIQALLK.S	38
PLOG+9056	proteomics_log	4183910	4183942	+	2	30	K.MGAEAIQALLK.S	15
PLOG+9057	proteomics_log	4184033	4184149	+	2	40	R.IKLLEAFVQSGNKPEWMILT VLPVLPDLRPLVPLDGGR.F	43
PLOG+9058	proteomics_log	4184039	4184149	+	2	109	K.LLEAFVQSGNKPEWMILT VLPVLPDLRPLVPLDGGR.F	41

PLOG+9059	proteomics_log	4184150	4184182	+	2	80	R.FATSDLNDLYR.R	15
PLOG+9060	proteomics_log	4184213	4184251	+	2	13	K.RLLDLAAPDIIVR.N	17
PLOG+9061	proteomics_log	4184216	4184263	+	2	2	R.LLDLAAPDIIVRNEKR.M	20
PLOG+9062	proteomics_log	4184216	4184260	+	2	18	R.LLDLAAPDIIVRNEK.R	19
PLOG+9063	proteomics_log	4184216	4184251	+	2	188	R.LLDLAAPDIIVR.N	16
PLOG+9064	proteomics_log	4184261	4184308	+	2	31	K.RMLQEAVDALLDNGRR.G	20
PLOG+9065	proteomics_log	4184264	4184308	+	2	31	R.MLQEAVDALLDNGRR.G	19
PLOG+9066	proteomics_log	4184264	4184314	+	2	31	R.MLQEAVDALLDNGRRGR.A	21
PLOG+9067	proteomics_log	4184264	4184305	+	2	75	R.MLQEAVDALLDNGR.R	18
PLOG+9068	proteomics_log	4184315	4184368	+	2	3	R.AITGSNKRPLKSLADMIK.G	22
PLOG+9069	proteomics_log	4184315	4184383	+	2	6	R.AITGSNKRPLKSLADMIKKGQGR.F	27
PLOG+9070	proteomics_log	4184315	4184374	+	2	7	R.AITGSNKRPLKSLADMIKKGK.Q	24
PLOG+9071	proteomics_log	4184315	4184347	+	2	26	R.AITGSNKRPLK.S	15
PLOG+9072	proteomics_log	4184384	4184407	+	2	4	R.FRQNLGK.R	12
PLOG+9073	proteomics_log	4184384	4184410	+	2	20	R.FRQNLGKR.V	13
PLOG+9074	proteomics_log	4184408	4184428	+	2	57	K.RVDYSGR.S	11
PLOG+9075	proteomics_log	4184429	4184458	+	2	46	R.SVITVGPYLR.L	14
PLOG+9076	proteomics_log	4184483	4184536	+	2	3	K.KM*ALELFKPFYIGKLELR.G	23
PLOG+9077	proteomics_log	4184483	4184524	+	2	5	K.KM*ALELFKPFYIGK.L	19
PLOG+9078	proteomics_log	4184483	4184536	+	2	57	K.KMALELFKPFYIGKLELR.G	22
PLOG+9079	proteomics_log	4184483	4184524	+	2	59	K.KMALELFKPFYIGK.L	18
PLOG+9080	proteomics_log	4184486	4184536	+	2	3	K.MALELFKPFYIGKLELR.G	21
PLOG+9081	proteomics_log	4184486	4184524	+	2	40	K.MALELFKPFYIGK.L	17
PLOG+9082	proteomics_log	4184537	4184569	+	2	6	R.GLATTIKAACK.M	15
PLOG+9083	proteomics_log	4184537	4184566	+	2	7	R.GLATTIKAACK.K	14
PLOG+9084	proteomics_log	4184567	4184623	+	2	11	K.KMVEREEAVVWDILDEVIR.E	23
PLOG+9085	proteomics_log	4184567	4184647	+	2	22	K.KMVEREEAVVWDILDEVIREHPVLLNR.A	31
PLOG+9086	proteomics_log	4184570	4184623	+	2	5	K.MVEREEAVVWDILDEVIR.E	22
PLOG+9087	proteomics_log	4184570	4184647	+	2	18	K.MVEREEAVVWDILDEVIREHPVLLNR.A	30
PLOG+9088	proteomics_log	4184582	4184623	+	2	10	R.EEAVVWDILDEVIR.E	18
PLOG+9089	proteomics_log	4184582	4184647	+	2	27	R.EEAVVWDILDEVIREHPVLLNR.A	26
PLOG+9090	proteomics_log	4184666	4184707	+	2	236	R.LGIQAFEPVIEGK.A	18
PLOG+9091	proteomics_log	4184816	4184917	+	2	61	R.ALMMSTNNILSPANGAPIIVPSQDVVLGLYIMTR.D	38
PLOG+9092	proteomics_log	4184987	4185013	+	2	39	R.SGLASLHAR.V	13
PLOG+9093	proteomics_log	4185026	4185070	+	2	5	R.ITEYEKDANGELVAK.T	19
PLOG+9094	proteomics_log	4185071	4185100	+	2	2	K.TSLKDTTVGR.A	14
PLOG+9095	proteomics_log	4185101	4185127	+	2	11	R.AILWMIVPK.G	13
PLOG+9096	proteomics_log	4185203	4185274	+	2	26	R.ILGLKPTVIFADQIMYTGFAAAR.S	28
PLOG+9097	proteomics_log	4185224	4185319	+	2	2	T.VIFADQIM*YTGFAAARSGASVGDMMVIPEK.K	37
PLOG+9098	proteomics_log	4185275	4185322	+	2	15	R.SGASVGDMMVIPEKK.H	20
PLOG+9099	proteomics_log	4185320	4185406	+	2	3	K.KHEIISEAEVAEIQEQFQSGGLVTAGER.Y	33
PLOG+9100	proteomics_log	4185323	4185406	+	2	66	K.HEIISEAEVAEIQEQFQSGGLVTAGER.Y	32
PLOG+9101	proteomics_log	4185407	4185457	+	2	9	R.YNKVIDIWAAANDRVSK.A	21
PLOG+9102	proteomics_log	4185416	4185448	+	2	18	K.VIDIWAAANDR.V	15
PLOG+9103	proteomics_log	4185458	4185517	+	2	2	K.AM*M*DNLQTETVINRDGQEEK.Q	26
PLOG+9104	proteomics_log	4185458	4185499	+	2	6	K.AMMDNLQTETVINR.D	18

PLOG+9105	proteomics_log	4185518	4185565	+	2	107	K.QVSFNSIYMMADSGAR.G	20
PLOG+9106	proteomics_log	4185566	4185604	+	2	22	R.GSAAQIRQLAGMR.G	17
PLOG+9107	proteomics_log	4185605	4185664	+	2	5	R.GLM*AKPDGSIETPITANFR.E	25
PLOG+9108	proteomics_log	4185605	4185712	+	2	33	R.GLM*AKPDGSIETPITANFREGLNVLYFISTHGAR.K	41
PLOG+9109	proteomics_log	4185605	4185664	+	2	113	R.GLM*AKPDGSIETPITANFR.E	24
PLOG+9110	proteomics_log	4185605	4185712	+	2	172	R.GLM*AKPDGSIETPITANFREGLNVLYFISTHGAR.K	40
PLOG+9111	proteomics_log	4185635	4185712	+	2	2	I.IETPITANFREGLNVLYFISTHGAR.K	30
PLOG+9112	proteomics_log	4185665	4185712	+	2	104	R.EGLNVLYFISTHGAR.K	20
PLOG+9113	proteomics_log	4185713	4185769	+	2	8	R.KGLADTALKTANSGYLTRR.L	23
PLOG+9114	proteomics_log	4185713	4185766	+	2	52	R.KGLADTALKTANSGYLTR.R	22
PLOG+9115	proteomics_log	4185713	4185739	+	2	110	R.KGLADTALK.T	13
PLOG+9116	proteomics_log	4185740	4185766	+	2	113	K.TANSGYLTR.R	13
PLOG+9117	proteomics_log	4185887	4185952	+	2	193	R.VLGRVTAEDVLKPGTADILVPR.N	26
PLOG+9118	proteomics_log	4185899	4185952	+	2	317	R.VTAEDVLKPGTADILVPR.N	22
PLOG+9119	proteomics_log	4185953	4186021	+	2	2	R.NTLLHEQWCDLLEENSVDVAVKVR.S	27
PLOG+9120	proteomics_log	4185957	4185995	+	3	2	T.RCCTNSGVTCWKR.T	17
PLOG+9121	proteomics_log	4186076	4186171	+	2	21	R.DLARGHIINKGEAIGVIAAQSIGEPGTQLTMR.T	36
PLOG+9122	proteomics_log	4186088	4186171	+	2	26	R.GHIINKGEAIGVIAAQSIGEPGTQLTM*R.T	33
PLOG+9123	proteomics_log	4186088	4186171	+	2	201	R.GHIINKGEAIGVIAAQSIGEPGTQLTMR.T	32
PLOG+9124	proteomics_log	4186172	4186201	+	2	197	R.TFHIGGAASR.A	14
PLOG+9125	proteomics_log	4186202	4186264	+	2	7	R.AAAESSIQVKNKGSIKLSNVK.S	25
PLOG+9126	proteomics_log	4186202	4186231	+	2	43	R.AAAESSIQVK.N	14
PLOG+9127	proteomics_log	4186232	4186264	+	2	135	K.NKGSIKLSNVK.S	15
PLOG+9128	proteomics_log	4186250	4186306	+	2	10	K.LSNVKSVMNSSGKLVITSR.N	23
PLOG+9129	proteomics_log	4186265	4186288	+	2	2	K.SVMNSSGK.L	12
PLOG+9130	proteomics_log	4186265	4186306	+	2	108	K.SVMNSSGKLVITSR.N	18
PLOG+9131	proteomics_log	4186307	4186348	+	2	2	R.NTELKLIDFGRTEK.E	18
PLOG+9132	proteomics_log	4186307	4186387	+	2	7	R.NTELKLIDFGRTEKESYKVPYGAFLAK.G	31
PLOG+9133	proteomics_log	4186307	4186342	+	2	101	R.NTELKLIDFGR.T	16
PLOG+9134	proteomics_log	4186343	4186480	+	2	2	R.TKESYKVPYGAFLAKGDGEQVAGGETVANWDPHTM*PVITEVSGFVR.F	51
PLOG+9135	proteomics_log	4186343	4186387	+	2	10	R.TKESYKVPYGAFLAK.G	19
PLOG+9136	proteomics_log	4186349	4186387	+	2	3	K.ESYKVPYGAFLAK.G	17
PLOG+9137	proteomics_log	4186388	4186480	+	2	51	K.GDGEQVAGGETVANWDPHTMPVITEVSGFVR.F	35
PLOG+9138	proteomics_log	4186481	4186573	+	2	3	R.FTDMIDGQTITRQTDGLSSLVVLDSAER.T	35
PLOG+9139	proteomics_log	4186481	4186516	+	2	11	R.FTDM*IDGQTITR.Q	17
PLOG+9140	proteomics_log	4186481	4186516	+	2	206	R.FTDMIDGQTITR.Q	16
PLOG+9141	proteomics_log	4186490	4186573	+	2	101	D.MIDGQTITRQTDGLSSLVVLDSAER.T	32
PLOG+9142	proteomics_log	4186517	4186573	+	2	267	R.QTDGLSSLVVLDSAER.T	23
PLOG+9143	proteomics_log	4186574	4186684	+	2	20	R.TAGGKDLRPAKIVDAQGNDVLIPTDMPAQYFLPGK.A	41
PLOG+9144	proteomics_log	4186574	4186609	+	2	40	R.TAGGKDLRPAK.I	16
PLOG+9145	proteomics_log	4186610	4186684	+	2	6	K.IVDAQGNDVLIPTDMPAQYFLPGK.A	30
PLOG+9146	proteomics_log	4186610	4186684	+	2	66	K.IVDAQGNDVLIPTDMPAQYFLPGK.A	29
PLOG+9147	proteomics_log	4186685	4186792	+	2	3	K.AIVQLEDGVQISSGDTLARIPQESGGTKDITGGLPR.V	40
PLOG+9148	proteomics_log	4186685	4186741	+	2	13	K.AIVQLEDGVQISSGDTLAR.I	23
PLOG+9149	proteomics_log	4186742	4186768	+	2	2	R.IPQESGGTK.D	13
PLOG+9150	proteomics_log	4186742	4186792	+	2	159	R.IPQESGGTKDITGGLPR.V	21

PLOG+9151	proteomics_log	4186784	4186891	+	2	2	G.LPRVADLFEARRPKEPAILAEISGIVSFGKETKGR.R	40
PLOG+9152	proteomics_log	4186793	4186882	+	2	33	R.VADLFEARRPKEPAILAEISGIVSFGKETK.G	34
PLOG+9153	proteomics_log	4186793	4186816	+	2	215	R.VADLFEAR.R	12
PLOG+9154	proteomics_log	4186817	4186888	+	2	3	R.RPKEPAILAEISGIVSFGKETKGR.R	28
PLOG+9155	proteomics_log	4186817	4186873	+	2	39	R.RPKEPAILAEISGIVSFGK.E	23
PLOG+9156	proteomics_log	4186817	4186882	+	2	298	R.RPKEPAILAEISGIVSFGKETK.G	26
PLOG+9157	proteomics_log	4186892	4186948	+	2	5	R.RLVITPVDGSDPYEEM*IPK.W	24
PLOG+9158	proteomics_log	4186892	4186948	+	2	21	R.RLVITPVDGSDPYEEMIPK.W	23
PLOG+9159	proteomics_log	4186892	4186954	+	2	94	R.RLVITPVDGSDPYEEMIPKWR.Q	25
PLOG+9160	proteomics_log	4186895	4186933	+	2	2	R.LVITPVDGSDPYE.E	17
PLOG+9161	proteomics_log	4186895	4186948	+	2	11	R.LVITPVDGSDPYEEM*IPK.W	23
PLOG+9162	proteomics_log	4186895	4186948	+	2	156	R.LVITPVDGSDPYEEMIPK.W	22
PLOG+9163	proteomics_log	4186949	4186981	+	2	5	K.WRQLNVFEGER.V	15
PLOG+9164	proteomics_log	4186955	4186981	+	2	5	R.QLNVFEGER.V	13
PLOG+9165	proteomics_log	4186955	4187038	+	2	29	R.QLNVFEGERVERGDVISDGPEAPHDILR.L	32
PLOG+9166	proteomics_log	4186982	4187038	+	2	33	R.VERGDVISDGPEAPHDILR.L	23
PLOG+9167	proteomics_log	4186991	4187038	+	2	64	R.GDVISDGPEAPHDILR.L	20
PLOG+9168	proteomics_log	4187039	4187065	+	2	17	R.LRGVHAVTR.Y	13
PLOG+9169	proteomics_log	4187045	4187098	+	2	2	R.GVHAVTRYIVNEVQDVYR.L	22
PLOG+9170	proteomics_log	4187045	4187065	+	2	7	R.GVHAVTR.Y	11
PLOG+9171	proteomics_log	4187066	4187113	+	2	4	R.YIVNEVQDVYRLQGVK.I	20
PLOG+9172	proteomics_log	4187066	4187098	+	2	49	R.YIVNEVQDVYR.L	15
PLOG+9173	proteomics_log	4187066	4187146	+	2	56	R.YIVNEVQDVYRLQGVKINDKHIEVIVR.Q	31
PLOG+9174	proteomics_log	4187099	4187146	+	2	51	R.LQGVKINDKHIEVIVR.Q	20
PLOG+9175	proteomics_log	4187114	4187146	+	2	96	K.INDKHIEVIVR.Q	15
PLOG+9176	proteomics_log	4187159	4187230	+	2	4	R.KATIVNAGSSDFLEGEQVEYSRVK.I	28
PLOG+9177	proteomics_log	4187159	4187224	+	2	155	R.KATIVNAGSSDFLEGEQVEYSR.V	26
PLOG+9178	proteomics_log	4187162	4187224	+	2	2	K.ATIVNAGSSDFLEGEQVEYSR.V	25
PLOG+9179	proteomics_log	4187225	4187305	+	2	2	R.VKIANRELEANGKVGATYSRDLGITK.A	31
PLOG+9180	proteomics_log	4187225	4187263	+	2	4	R.VKIANRELEANGK.V	17
PLOG+9181	proteomics_log	4187225	4187284	+	2	37	R.VKIANRELEANGKVGATYSR.D	24
PLOG+9182	proteomics_log	4187231	4187305	+	2	4	K.IANRELEANGKVGATYSRDLGITK.A	29
PLOG+9183	proteomics_log	4187231	4187284	+	2	6	K.IANRELEANGKVGATYSR.D	22
PLOG+9184	proteomics_log	4187231	4187263	+	2	77	K.IANRELEANGK.V	15
PLOG+9185	proteomics_log	4187285	4187305	+	2	2	R.DLLGITK.A	11
PLOG+9186	proteomics_log	4187306	4187362	+	2	108	K.ASLATESFISAASFQETTR.V	23
PLOG+9187	proteomics_log	4187363	4187392	+	2	33	R.VLTEAAVAGK.R	14
PLOG+9188	proteomics_log	4187363	4187395	+	2	72	R.VLTEAAVAGKR.D	15
PLOG+9189	proteomics_log	4187363	4187437	+	2	107	R.VLTEAAVAGKRDELRLKENVIVGR.L	29
PLOG+9190	proteomics_log	4187393	4187437	+	2	6	K.RDELRLKENVIVGR.L	19
PLOG+9191	proteomics_log	4187396	4187437	+	2	188	R.DELRLKENVIVGR.L	18
PLOG+9192	proteomics_log	4187408	4187437	+	2	189	R.GLKENVIVGR.L	14
PLOG+9193	proteomics_log	4187438	4187479	+	2	208	R.LIPAGTGAYYHQDR.M	18
PLOG+9194	proteomics_log	4187444	4187479	+	2	5	I.PAGTGAYYHQDR.M	16
PLOG+9195	proteomics_log	4187486	4187593	+	2	67	R.RRAAGEAPAAPQVTAEDASASLAELLNAGLGGSDNE.-	40
PLOG+9196	proteomics_log	4187489	4187593	+	2	118	R.RAAGEAPAAPQVTAEDASASLAELLNAGLGGSDNE.-	39



PLOG+9197	proteomics_log	4187492	4187593	+	2	166	R.AAGEAPAAPQVTAEDASASLAELLNAGLGGSDNE.-	38
PLOG+9198	proteomics_log	4195772	4195819	+	2	25	R.ALLRQPVDVTPVWMMR.Q	20
PLOG+9199	proteomics_log	4195937	4196032	+	2	3	R.YPLDAAILFSDILTVPDAMGLGLYFEAGEGPR.F	36
PLOG+9200	proteomics_log	4196057	4196125	+	2	7	K.ADVDKLPIPDPEDELGYVMNAVR.T	27
PLOG+9201	proteomics_log	4196138	4196224	+	2	7	R.ELKGEVPLIGFSGSPWTLATYMVEGGSSK.A	33
PLOG+9202	proteomics_log	4196363	4196464	+	2	2	D.TWGGVLTGRDYQQFSLYMHKIVDGLLRENDGRR.V	38
PLOG+9203	proteomics_log	4196780	4196800	+	2	3	R.LSEQYHR.-	11
PLOG+9204	proteomics_log	4198304	4198342	+	2	36	L.M*NKTQLIDVIAEK.A	18
PLOG+9205	proteomics_log	4198304	4198357	+	2	100	L.M*NKTQLIDVIAEKAELSK.T	23
PLOG+9206	proteomics_log	4198304	4198369	+	2	193	L.M*NKTQLIDVIAEKAELSKTQAK.A	27
PLOG+9207	proteomics_log	4198304	4198342	+	2	436	L.MNKTQLIDVIAEK.A	17
PLOG+9208	proteomics_log	4198304	4198357	+	2	455	L.MNKTQLIDVIAEKAELSK.T	22
PLOG+9209	proteomics_log	4198304	4198369	+	2	456	L.MNKTQLIDVIAEKAELSKTQAK.A	26
PLOG+9210	proteomics_log	4198313	4198357	+	2	37	K.TQLIDVIAEKAELSK.T	19
PLOG+9211	proteomics_log	4198313	4198369	+	2	54	K.TQLIDVIAEKAELSKTQAK.A	23
PLOG+9212	proteomics_log	4198313	4198342	+	2	113	K.TQLIDVIAEK.A	14
PLOG+9213	proteomics_log	4198325	4198369	+	2	2	I.DVIAEKAELSKTQAK.A	19
PLOG+9214	proteomics_log	4198340	4198456	+	2	2	E.KAELSKTQAKAALESTLAAITESLKEGDAVQLVGFGTK.V	43
PLOG+9215	proteomics_log	4198343	4198468	+	2	6	K.AELSKTQAKAALESTLAAITESLKEGDAVQLVGFGTKVNH.R.A	46
PLOG+9216	proteomics_log	4198343	4198456	+	2	7	K.AELSKTQAKAALESTLAAITESLKEGDAVQLVGFGTK.V	42
PLOG+9217	proteomics_log	4198343	4198369	+	2	77	K.AELSKTQAK.A	13
PLOG+9218	proteomics_log	4198358	4198468	+	2	4	K.TQAKAALESTLAAITESLKEGDAVQLVGFGTKVNH.R.A	41
PLOG+9219	proteomics_log	4198358	4198456	+	2	14	K.TQAKAALESTLAAITESLKEGDAVQLVGFGTK.V	37
PLOG+9220	proteomics_log	4198370	4198438	+	2	2	K.AALESTLAAITESLKEGDAVQLV.G	27
PLOG+9221	proteomics_log	4198370	4198453	+	2	3	K.AALESTLAAITESLKEGDAVQLVGFGTK	32
PLOG+9222	proteomics_log	4198370	4198414	+	2	91	K.AALESTLAAITESL.K.E	19
PLOG+9223	proteomics_log	4198370	4198477	+	2	288	K.AALESTLAAITESLKEGDAVQLVGFGTKVNH.RAER.T	40
PLOG+9224	proteomics_log	4198370	4198456	+	2	671	K.AALESTLAAITESLKEGDAVQLVGFGTK.V	33
PLOG+9225	proteomics_log	4198370	4198468	+	2	712	K.AALESTLAAITESLKEGDAVQLVGFGTKVNH.R.A	37
PLOG+9226	proteomics_log	4198391	4198468	+	2	7	L.AAITESLKEGDAVQLVGFGTKVNH.R.A	30
PLOG+9227	proteomics_log	4198400	4198456	+	2	2	I.TESLKEGDAVQLVGFGTK.V	23
PLOG+9228	proteomics_log	4198415	4198456	+	2	9	K.EGDAVQLVGFGTK.V	18
PLOG+9229	proteomics_log	4198469	4198513	+	2	11	R.AERTGRNPQTGKEIK.I	19
PLOG+9230	proteomics_log	4198469	4198552	+	2	16	R.AERTGRNPQTGKEIKIAAANVPFVSGK.A	32
PLOG+9231	proteomics_log	4198478	4198513	+	2	176	R.TGRNPQTGKEIK.I	16
PLOG+9232	proteomics_log	4198478	4198552	+	2	251	R.TGRNPQTGKEIKIAAANVPFVSGK.A	29
PLOG+9233	proteomics_log	4198487	4198552	+	2	2	R.NPQTGKEIKIAAANVPFVSGK.A	26
PLOG+9234	proteomics_log	4198487	4198513	+	2	23	R.NPQTGKEIK.I	13
PLOG+9235	proteomics_log	4198505	4198552	+	2	33	K.EIKIAAANVPFVSGK.A	20
PLOG+9236	proteomics_log	4198514	4198573	+	2	105	K.IAAANVPFVSGKALKDAVK.-	24
PLOG+9237	proteomics_log	4198514	4198552	+	2	497	K.IAAANVPFVSGK.A	17
PLOG+9238	proteomics_log	4198553	4198573	+	2	3	K.ALKDAVK.-	11
PLOG+9239	proteomics_log	4203067	4203111	+	1	2	L.GFRIAKAAVKFNLR.I	19
PLOG+9240	proteomics_log	4205268	4205330	+	3	3	R.LDLMFFHNGIVLAATAQNATM.Y	25
PLOG+9241	proteomics_log	4211359	4211427	+	1	10	R.LLIANFFVAEKVLQDLVLQLHPR.S	27
PLOG+9242	proteomics_log	4212306	4212383	+	3	14	M.PIRVPDELPAVNFLREENVFMVTTSR.A	30

PLOG+9243	proteomics_log	4212441	4212470	+	3	3	K.KIETENQFLR.L	14
PLOG+9244	proteomics_log	4212471	4212515	+	3	39	R.LLSNSPLQVDIQLLR.I	19
PLOG+9245	proteomics_log	4212987	4213049	+	3	28	R.IAFVTGHPEYDAQTLAQEFFR.D	25
PLOG+9246	proteomics_log	4213137	4213208	+	3	2	R.SHGNLLFTNWLNYVYQITPYDLR.H	28
PLOG+9247	proteomics_log	4213504	4213566	+	1	8	M.TEQATTTDELAFTRPYGEQEK.Q	25
PLOG+9248	proteomics_log	4213504	4213632	+	1	80	M.TEQATTTDELAFTRPYGEQEKQILTAEAVEFLTELVTHTFPQR.N	47
PLOG+9249	proteomics_log	4213567	4213638	+	1	2	K.QILTAEAVEFLTELVTHTFPQRNK.L	28
PLOG+9250	proteomics_log	4213567	4213653	+	1	7	K.QILTAEAVEFLTELVTHTFPQRNKLLAAR.I	33
PLOG+9251	proteomics_log	4213567	4213632	+	1	250	K.QILTAEAVEFLTELVTHTFPQR.N	26
PLOG+9252	proteomics_log	4213573	4213632	+	1	2	I.LTAEAVEFLTELVTHTFPQR.N	24
PLOG+9253	proteomics_log	4213633	4213653	+	1	4	R.NKLLAAR.I	11
PLOG+9254	proteomics_log	4213654	4213722	+	1	11	R.IQQQQDIDNGTLPDFISETASIR.D	27
PLOG+9255	proteomics_log	4213654	4213743	+	1	53	R.IQQQQDIDNGTLPDFISETASIRDADWKIR.G	34
PLOG+9256	proteomics_log	4213654	4213737	+	1	53	R.IQQQQDIDNGTLPDFISETASIRDADWK.I	32
PLOG+9257	proteomics_log	4213738	4213770	+	1	2	K.IRGIPADLEDR.R	15
PLOG+9258	proteomics_log	4213771	4213803	+	1	6	R.RVEITGPVERK.M	15
PLOG+9259	proteomics_log	4213771	4213800	+	1	14	R.RVEITGPVERK.K	14
PLOG+9260	proteomics_log	4213774	4213803	+	1	2	R.VEITGPVERK.M	14
PLOG+9261	proteomics_log	4213774	4213800	+	1	3	R.VEITGPVERK.K	13
PLOG+9262	proteomics_log	4213801	4213836	+	1	2	R.KM*VINALNANVK.V	17
PLOG+9263	proteomics_log	4213801	4213836	+	1	128	R.KMVINALNANVK.V	16
PLOG+9264	proteomics_log	4213804	4213836	+	1	20	K.MVINALNANVK.V	15
PLOG+9265	proteomics_log	4213837	4213884	+	1	4	K.VFMADFEDSLAPDWNK.V	20
PLOG+9266	proteomics_log	4213837	4213911	+	1	26	K.VFMADFEDSLAPDWNKVIDGQINLR.D	29
PLOG+9267	proteomics_log	4213912	4213956	+	1	3	R.DAVNGTISYTNEAGK.I	19
PLOG+9268	proteomics_log	4214026	4214115	+	1	6	K.HVTWRGEAIPGSLFDFALYFFHNYQALLAK.G	34
PLOG+9269	proteomics_log	4214041	4214115	+	1	2	R.GEAIPGSLFDFALYFFHNYQALLAK.G	29
PLOG+9270	proteomics_log	4214146	4214220	+	1	3	K.TQSWQEAAWWSEVFSYAEDRFNLPR.G	29
PLOG+9271	proteomics_log	4214233	4214298	+	1	2	K.ATLLIETLPAVFQMDEILHALR.D	26
PLOG+9272	proteomics_log	4214551	4214658	+	1	11	K.ADKSLEANNHGDGTWIAHPGLADTAMAVFNDILGSR.K	40
PLOG+9273	proteomics_log	4214560	4214661	+	1	4	K.SLEANNHGDGTWIAHPGLADTAMAVFNDILGSRK.N	38
PLOG+9274	proteomics_log	4214560	4214658	+	1	75	K.SLEANNHGDGTWIAHPGLADTAMAVFNDILGSR.K	37
PLOG+9275	proteomics_log	4214659	4214682	+	1	3	R.KNQLEVMR.E	12
PLOG+9276	proteomics_log	4214866	4214898	+	1	13	R.TSIWQWIHHQK.T	15
PLOG+9277	proteomics_log	4214899	4214928	+	1	9	K.TLSNGKPVTK.A	14
PLOG+9278	proteomics_log	4214929	4214994	+	1	5	K.ALFRQMLGEEMKVIASELGEER.F	26
PLOG+9279	proteomics_log	4214941	4214994	+	1	26	R.QMLGEEMKVIASELGEER.F	22
PLOG+9280	proteomics_log	4214965	4214994	+	1	19	K.VIASELGEER.F	14
PLOG+9281	proteomics_log	4215028	4215099	+	1	4	R.LM*EQITTSDELIDFLTLPGYRLLA.-	29
PLOG+9282	proteomics_log	4215028	4215099	+	1	8	R.LMEQITTSDELIDFLTLPGYRLLA.-	28
PLOG+9283	proteomics_log	4215028	4215090	+	1	25	R.LM*EQITTSDELIDFLTLPGYR.L	26
PLOG+9284	proteomics_log	4215028	4215090	+	1	149	R.LMEQITTSDELIDFLTLPGYR.L	25
PLOG+9285	proteomics_log	4215132	4215188	+	3	4	H.M*KTRTQQIEELQKEWTQPR.W	24
PLOG+9286	proteomics_log	4215132	4215188	+	3	95	H.MKTRTQQIEELQKEWTQPR.W	23
PLOG+9287	proteomics_log	4215138	4215188	+	3	2	K.TRTQQIEELQKEWTQPR.W	21
PLOG+9288	proteomics_log	4215144	4215239	+	3	2	R.TQQIEELQKEWTQPRWEGITRPYSAEDVVKLR.G	36

PLOG+9289	proteomics_log	4215144	4215233	+	3	2	R.TQQIEELQKEWTQPRWEGITRYPYSAEDVVK.L	34
PLOG+9290	proteomics_log	4215144	4215170	+	3	39	R.TQQIEELQK.E	13
PLOG+9291	proteomics_log	4215144	4215188	+	3	216	R.TQQIEELQKEWTQPR.W	19
PLOG+9292	proteomics_log	4215189	4215221	+	3	11	R.WEGITRYPYSAE.D	15
PLOG+9293	proteomics_log	4215189	4215239	+	3	42	R.WEGITRYPYSAEDVVKLR.G	21
PLOG+9294	proteomics_log	4215189	4215233	+	3	173	R.WEGITRYPYSAEDVVK.L	19
PLOG+9295	proteomics_log	4215234	4215287	+	3	2	K.LRGSVNPECTLAQLGAAK.M	22
PLOG+9296	proteomics_log	4215297	4215317	+	3	111	R.LLHGESK.K	11
PLOG+9297	proteomics_log	4215297	4215377	+	3	222	R.LLHGESKKGYNLSLGGTGGQALQQA.A	31
PLOG+9298	proteomics_log	4215318	4215368	+	3	6	K.KGYINSLGALTGGQALQ.Q	21
PLOG+9299	proteomics_log	4215318	4215377	+	3	306	K.KGYINSLGALTGGQALQQA.A	24
PLOG+9300	proteomics_log	4215321	4215368	+	3	2	K.GYINSLGALTGGQALQ.Q	20
PLOG+9301	proteomics_log	4215321	4215377	+	3	29	K.GYINSLGALTGGQALQQA.A	23
PLOG+9302	proteomics_log	4215342	4215377	+	3	3	G.ALTGGQALQQA.A	16
PLOG+9303	proteomics_log	4215378	4215500	+	3	14	K.AGIEAVYLSGWQVAADANLAASMYPDQSLYPANSVPAVVER.I	45
PLOG+9304	proteomics_log	4215519	4215650	+	3	18	R.RADQIQWSAGIEPGDPRYVDYFLPIVADAEAGFGGVLNAFELMK.A	48
PLOG+9305	proteomics_log	4215519	4215569	+	3	51	R.RADQIQWSAGIEPGDPR.Y	21
PLOG+9306	proteomics_log	4215522	4215650	+	3	4	R.ADQIQWSAGIEPGDPRYVDYFLPIVADAEAGFGGVLNAFELM*K.A	48
PLOG+9307	proteomics_log	4215522	4215569	+	3	66	R.ADQIQWSAGIEPGDPR.Y	20
PLOG+9308	proteomics_log	4215522	4215650	+	3	135	R.ADQIQWSAGIEPGDPRYVDYFLPIVADAEAGFGGVLNAFELMK.A	47
PLOG+9309	proteomics_log	4215570	4215650	+	3	231	R.YVDYFLPIVADAEAGFGGVLNAFELM*K.A	32
PLOG+9310	proteomics_log	4215570	4215650	+	3	1023	R.YVDYFLPIVADAEAGFGGVLNAFELMK.A	31
PLOG+9311	proteomics_log	4215582	4215650	+	3	4	Y.FLPIVADAEAGFGGVLNAFELM*K.A	28
PLOG+9312	proteomics_log	4215582	4215650	+	3	15	Y.FLPIVADAEAGFGGVLNAFELMK.A	27
PLOG+9313	proteomics_log	4215588	4215650	+	3	4	L.PIVADAEAGFGGVLNAFELMK.A	25
PLOG+9314	proteomics_log	4215648	4215713	+	3	23	M.KAM*IEAGAAAVHFEDQLASVKK.C	27
PLOG+9315	proteomics_log	4215651	4215746	+	3	3	K.AMIEAGAAAVHFEDQLASVKKCGHM*GGKVLVP.T	37
PLOG+9316	proteomics_log	4215651	4215710	+	3	9	K.AM*IEAGAAAVHFEDQLASVK.K	25
PLOG+9317	proteomics_log	4215651	4215740	+	3	18	K.AMIEAGAAAVHFEDQLASVKKCGHM*GGKVL.V	35
PLOG+9318	proteomics_log	4215651	4215713	+	3	23	K.AM*IEAGAAAVHFEDQLASVKK.C	26
PLOG+9319	proteomics_log	4215651	4215713	+	3	133	K.AMIEAGAAAVHFEDQLASVKK.C	25
PLOG+9320	proteomics_log	4215651	4215710	+	3	140	K.AMIEAGAAAVHFEDQLASVK.K	24
PLOG+9321	proteomics_log	4215735	4215770	+	3	3	K.VLVPTQEAIQKL.V	16
PLOG+9322	proteomics_log	4215735	4215767	+	3	83	K.VLVPTQEAIQK.L	15
PLOG+9323	proteomics_log	4215735	4215782	+	3	224	K.VLVPTQEAIQKLVAAR.L	20
PLOG+9324	proteomics_log	4215741	4215782	+	3	5	L.VPTQEAIQKLVAAR.L	18
PLOG+9325	proteomics_log	4215744	4215782	+	3	21	V.PTQEAIQKLVAAR.L	17
PLOG+9326	proteomics_log	4215783	4215818	+	3	10	R.LAADVTGVPTLL.V	16
PLOG+9327	proteomics_log	4215783	4215827	+	3	500	R.LAADVTGVPTLLVAR.T	19
PLOG+9328	proteomics_log	4215867	4215902	+	3	4	C.DPYDSEFITGER.T	16
PLOG+9329	proteomics_log	4215870	4215902	+	3	8	D.PYDSEFITGER.T	15
PLOG+9330	proteomics_log	4215876	4215902	+	3	6	Y.DSEFITGER.T	13
PLOG+9331	proteomics_log	4215903	4215956	+	3	163	R.TSEGFRRTHAGIEQAISR.G	22
PLOG+9332	proteomics_log	4215921	4215956	+	3	6	F.RTHAGIEQAISR.G	16
PLOG+9333	proteomics_log	4215924	4215956	+	3	202	R.THAGIEQAISR.G	15
PLOG+9334	proteomics_log	4216032	4216055	+	3	26	R.FAQAIHAK.Y	12

PLOG+9335	proteomics_log	4216032	4216067	+	3	27	R.FAQAIHAKYPGK.L	16
PLOG+9336	proteomics_log	4216110	4216169	+	3	9	K.NLDDKTIASFQQQLSDMGYK.F	24
PLOG+9337	proteomics_log	4216170	4216259	+	3	10	K.FQFITLAGIHSMWFNMFDLANAYAQGEGMK.H	34
PLOG+9338	proteomics_log	4216260	4216304	+	3	2	K.HYVEKVQQPEFAAAK.D	19
PLOG+9339	proteomics_log	4216362	4216433	+	3	5	K.VTTIIQGGTSSVTALTGSTEESQF.-	28
PLOG+9340	proteomics_log	4221854	4221895	+	2	2	V.SSKVEQLRAQLNER.I	18
PLOG+9341	proteomics_log	4222265	4222306	+	2	2	R.TASISPDVNDPAFR.N	18
PLOG+9342	proteomics_log	4222355	4222420	+	2	2	K.ALVEGGADLILIVFDTLNAK.A	26
PLOG+9343	proteomics_log	4222874	4222936	+	2	25	R.LSGLEPLNIGEDSLFVNVGER.T	25
PLOG+9344	proteomics_log	4224224	4224307	+	2	2	R.TAKEVNADLIGLSGLITPSLDEMNVNAK.E	32
PLOG+9345	proteomics_log	4224224	4224319	+	2	16	R.TAKEVNADLIGLSGLITPSLDEMNVNAKEMER.Q	36
PLOG+9346	proteomics_log	4224497	4224523	+	2	3	R.TRKEYETVR.I	13
PLOG+9347	proteomics_log	4224635	4224736	+	2	4	R.LGVQEVEASIETLRNYIDWTPFFMTWSLAGKYPR.I	38
PLOG+9348	proteomics_log	4224635	4224676	+	2	8	R.LGVQEVEASIETLR.N	18
PLOG+9349	proteomics_log	4224737	4224775	+	2	9	R.ILEDEVVGVEAQR.L	17
PLOG+9350	proteomics_log	4224776	4224823	+	2	2	R.LFKDANDMLDKLSAEK.T	20
PLOG+9351	proteomics_log	4225118	4225168	+	2	8	K.ALADRLAEFAEYLHER.V	21
PLOG+9352	proteomics_log	4225442	4225465	+	2	2	R.DQVEDYAR.R	12
PLOG+9353	proteomics_log	4229043	4229078	+	3	3	R.DLTDDDELIDLFK.L	16
PLOG+9354	proteomics_log	4231781	4231879	+	2	2	L.M*KNINPTQTAAWQALQKHFDEMKDVTIADLFAK.D	38
PLOG+9355	proteomics_log	4231781	4231879	+	2	2	L.M*KNINPTQTAAWQALQKHFDEM*KDVTIADLFAK.D	39
PLOG+9356	proteomics_log	4231781	4231831	+	2	5	L.M*KNINPTQTAAWQALQK.H	22
PLOG+9357	proteomics_log	4231781	4231831	+	2	16	L.MKNINPTQTAAWQALQK.H	21
PLOG+9358	proteomics_log	4231781	4231879	+	2	30	L.MKNINPTQTAAWQALQKHFDEMKDVTIADLFAK.D	37
PLOG+9359	proteomics_log	4231787	4231879	+	2	2	K.NINPTQTAAWQALQKHFDEMKDVTIADLFAK.D	35
PLOG+9360	proteomics_log	4231832	4231900	+	2	2	K.HFDEMKDVTIADLFAKDGDRFSK.F	27
PLOG+9361	proteomics_log	4231832	4231879	+	2	38	K.HFDEMKDVTIADLFAK.D	20
PLOG+9362	proteomics_log	4231901	4231945	+	2	4	K.FSATFDDQMLVDYSK.N	19
PLOG+9363	proteomics_log	4231946	4231993	+	2	2	K.NRITEETLAKLQDLAK.E	20
PLOG+9364	proteomics_log	4231946	4231975	+	2	3	K.NRITEETLAK.L	14
PLOG+9365	proteomics_log	4231946	4232020	+	2	3	K.NRITEETLAKLQDLAKECDLAGAIK.S	29
PLOG+9366	proteomics_log	4231952	4232020	+	2	7	R.ITEETLAKLQDLAKECDLAGAIK.S	27
PLOG+9367	proteomics_log	4231952	4231993	+	2	9	R.ITEETLAKLQDLAK.E	18
PLOG+9368	proteomics_log	4232021	4232062	+	2	3	K.SMFSGEKINRTENR.A	18
PLOG+9369	proteomics_log	4232021	4232050	+	2	22	K.SMFSGEKINR.T	14
PLOG+9370	proteomics_log	4232063	4232086	+	2	3	R.AVLHVALR.N	12
PLOG+9371	proteomics_log	4232087	4232158	+	2	3	R.NRSNTPILVDGKDVMPVNAVLEK.M	28
PLOG+9372	proteomics_log	4232093	4232158	+	2	10	R.SNTPILVDGKDVMPVNAVLEK.M	26
PLOG+9373	proteomics_log	4232363	4232404	+	2	2	K.KVNPETTLFLVASK.T	18
PLOG+9374	proteomics_log	4232366	4232404	+	2	3	K.VNPETTLFLVASK.T	17
PLOG+9375	proteomics_log	4232405	4232449	+	2	5	K.TFTTQETMTNAHSAR.D	19
PLOG+9376	proteomics_log	4232495	4232524	+	2	3	K.HFAALSTNAK.A	14
PLOG+9377	proteomics_log	4233038	4233085	+	2	200	K.LLSNFFAQTEALAFGK.S	20
PLOG+9378	proteomics_log	4233086	4233115	+	2	2	K.SREVVEQEYR.D	14
PLOG+9379	proteomics_log	4233092	4233163	+	2	12	R.EVVEQEYRDQGKDPATLDYVVPFK.V	28
PLOG+9380	proteomics_log	4233116	4233163	+	2	2	R.DQGKDPATLDYVVPFK.V	20

PLOG+9381	proteomics_log	4233164	4233205	+	2	9	K.VFEGNRPTNSILLR.E	18
PLOG+9382	proteomics_log	4233206	4233322	+	2	14	R.EITPFSLGALIALYEHKIFTQGVILNIFTDQWGVELGK.Q	43
PLOG+9383	proteomics_log	4233206	4233256	+	2	32	R.EITPFSLGALIALYEHK.I	21
PLOG+9384	proteomics_log	4233338	4233409	+	2	90	R.ILPELKDDKEISSHDSSTNGLINR.Y	28
PLOG+9385	proteomics_log	4237509	4237565	+	3	3	A.LIAAWWWWVAM*PRSLM*FRKR.S	25
PLOG+9386	proteomics_log	4245104	4245124	+	2	2	G.LKLAGAK.K	11
PLOG+9387	proteomics_log	4245245	4245313	+	2	15	R.TLVAEPSVFLLEPLSNLDAALR.V	27
PLOG+9388	proteomics_log	4245382	4245420	+	1	2	P.RSGRSDDAGRQNR.G	17
PLOG+9389	proteomics_log	4245994	4246059	+	1	2	R.M*M*ITLRKLPLAVAVAAGVMSAQ.A	28
PLOG+9390	proteomics_log	4248018	4248125	+	3	3	R.LTPALGQQKLYVLVFTTEKDLQQTQLLDPKAYAK.G	40
PLOG+9391	proteomics_log	4248018	4248113	+	3	6	R.LTPALGQQKLYVLVFTTEKDLQQTQLLDPK.A	36
PLOG+9392	proteomics_log	4248045	4248125	+	3	16	K.LYVLVFTTEKDLQQTQLLDPKAYAK.G	31
PLOG+9393	proteomics_log	4248045	4248113	+	3	28	K.LYVLVFTTEKDLQQTQLLDPK.A	27
PLOG+9394	proteomics_log	4248126	4248170	+	3	12	K.GVGNSIPDIPDVAR.H	19
PLOG+9395	proteomics_log	4248381	4248410	+	3	8	K.NAVAKGDVDK.A	14
PLOG+9396	proteomics_log	4248462	4248494	+	3	21	R.STFISSVKGKG.-	15
PLOG+9397	proteomics_log	4250967	4251023	+	3	3	R.LSGKPLLLTELFLPASPLY.-	23
PLOG+9398	proteomics_log	4255252	4255281	+	1	2	R.SPNAEEHLK.A	14
PLOG+9399	proteomics_log	4255294	4255329	+	1	45	R.KGVIEIVSGASR.G	16
PLOG+9400	proteomics_log	4255339	4255380	+	1	23	R.LLQEEEEGLPLVGR.V	18
PLOG+9401	proteomics_log	4255381	4255479	+	1	3	R.VAAGEPLLAQQHIEGHYQVDPSLFKPNADFLR.V	37
PLOG+9402	proteomics_log	4255558	4255581	+	1	2	R.NGQVVVAR.I	12
PLOG+9403	proteomics_log	4255582	4255605	+	1	2	R.IDDEVTVK.R	12
PLOG+9404	proteomics_log	4255582	4255608	+	1	7	R.IDDEVTVKR.L	13
PLOG+9405	proteomics_log	4257260	4257307	+	2	2	I.MNKDEAGGNWKQFKGK.V	20
PLOG+9406	proteomics_log	4257329	4257364	+	2	4	K.LTDDDMTIIEGK.R	16
PLOG+9407	proteomics_log	4257368	4257397	+	2	2	R.DQLVGKIQER.Y	14
PLOG+9408	proteomics_log	4257398	4257427	+	2	2	R.YGYQKDQAEK.E	14
PLOG+9409	proteomics_log	4257398	4257466	+	2	2	R.YGYQKDQAEKEVVDWETRNEYRW.-	27
PLOG+9410	proteomics_log	4257398	4257451	+	2	4	R.YGYQKDQAEKEVVDWETR.N	22
PLOG+9411	proteomics_log	4260439	4260531	+	1	5	R.EAYQNPGLAAVDREIFGSSDTDADPVAVVR.A	35
PLOG+9412	proteomics_log	4260646	4260726	+	1	3	R.YLSENAHKAGADINVLEHALKLVDKR.-	31
PLOG+9413	proteomics_log	4262340	4262381	+	3	2	M.AGNKPFNKQAEPR.E	18
PLOG+9414	proteomics_log	4262559	4262669	+	3	2	R.LQESGSPIDLITLAESLERQQQLDSVGGFAYLAELSK.N	41
PLOG+9415	proteomics_log	4262559	4262615	+	3	39	R.LQESGSPIDLITLAESLER.Q	23
PLOG+9416	proteomics_log	4262793	4262828	+	3	5	R.TSEDLDLAESR.V	16
PLOG+9417	proteomics_log	4263261	4263308	+	3	2	R.NIYIDSSGLTPTEVR.S	20
PLOG+9418	proteomics_log	4263435	4263497	+	3	5	R.SLKALAKELNVPVVALSQLNR.S	25
PLOG+9419	proteomics_log	4263456	4263497	+	3	4	K.ELNVPVVALSQLNR.S	18
PLOG+9420	proteomics_log	4263714	4263749	+	3	4	R.FDNYAGPQYDDE.-	16
PLOG+9421	proteomics_log	4263805	4263834	+	1	2	Q.MQAATVVINR.R	14
PLOG+9422	proteomics_log	4264249	4264290	+	1	3	K.NVRQPVNIVSHFAR.A	18
PLOG+9423	proteomics_log	4265149	4265193	+	1	27	K.VDAYAGDPILTLMER.F	19
PLOG+9424	proteomics_log	4265365	4265421	+	1	15	R.HAIAPLLFGADHPVLKQQR.V	23
PLOG+9425	proteomics_log	4265365	4265412	+	1	53	R.HAIAPLLFGADHPVLK.Q	20
PLOG+9426	proteomics_log	4265422	4265487	+	1	4	R.VATIQTGGSGALKVVGADFLKR.Y	26

PLOG+9427	proteomics_log	4265422	4265463	+	1	22	R.VATIQTLLGGSGALK.V	18
PLOG+9428	proteomics_log	4265614	4265640	+	1	4	R.FNDLLATLK.T	13
PLOG+9429	proteomics_log	4265752	4265826	+	1	10	R.ELIPFLDIAYQFGGAGMEEDAYAIR.A	29
PLOG+9430	proteomics_log	4265827	4265877	+	1	16	R.AIASAGLPALVSNSFSK.I	21
PLOG+9431	proteomics_log	4265878	4265901	+	1	5	K.IFSLYGER.V	12
PLOG+9432	proteomics_log	4265983	4266051	+	1	15	R.NYSSPPNFGAQVVAAVLNDEALK.A	27
PLOG+9433	proteomics_log	4266052	4266084	+	1	3	K.ASWLAEVEEMR.T	15
PLOG+9434	proteomics_log	4266091	4266174	+	1	2	R.ILAMRQELVKVLSTEMPERNFYLLNQR.G	32
PLOG+9435	proteomics_log	4266091	4266120	+	1	2	R.ILAMRQELVK.V	14
PLOG+9436	proteomics_log	4266121	4266174	+	1	2	K.VLSTEMPERNFYLLNQR.G	22
PLOG+9437	proteomics_log	4266148	4266174	+	1	3	R.NFYLLNQR.G	13
PLOG+9438	proteomics_log	4267506	4267553	+	3	17	A.LASSPSPLNPGTNVAR.L	20
PLOG+9439	proteomics_log	4267512	4267553	+	3	7	A.SSPSPLNPGTNVAR.L	18
PLOG+9440	proteomics_log	4267821	4267853	+	3	17	R.RGDIAFFVTGR.S	15
PLOG+9441	proteomics_log	4267854	4267883	+	3	7	R.SPTKTETVSK.T	14
PLOG+9442	proteomics_log	4267998	4268039	+	3	12	R.IFYGSDNDITAAR.D	18
PLOG+9443	proteomics_log	4272151	4272213	+	1	115	M.ASRGVNKVILVGNLQDPEVR.Y	25
PLOG+9444	proteomics_log	4272160	4272213	+	1	218	R.GVNKVVILVGNLQDPEVR.Y	22
PLOG+9445	proteomics_log	4272172	4272213	+	1	74	K.VILVGNLQDPEVR.Y	18
PLOG+9446	proteomics_log	4272319	4272366	+	1	52	R.VVLFGLAEVASEYLR.K	20
PLOG+9447	proteomics_log	4272337	4272369	+	1	5	K.LAEVASEYLRK.G	15
PLOG+9448	proteomics_log	4272337	4272366	+	1	64	K.LAEVASEYLR.K	14
PLOG+9449	proteomics_log	4272367	4272402	+	1	25	R.KGSQVYIEGQLR.T	16
PLOG+9450	proteomics_log	4276835	4276891	+	2	2	L.GAVFLM*GVLFTVISATGIR.S	24
PLOG+9451	proteomics_log	4278942	4279022	+	3	2	I.WMLFTNIIILYAALM*LVRFGWLWTMKK.F	32
PLOG+9452	proteomics_log	4279371	4279448	+	3	2	R.LAADTEENIDNQLLQTEVSSRVIGNLR.R	30
PLOG+9453	proteomics_log	4279599	4279649	+	3	2	K.LLHDLDLLEALLIEENQ.-	21
PLOG+9454	proteomics_log	4285865	4285909	+	2	2	A.EQTAAPAKPVTVEAK.N	19
PLOG+9455	proteomics_log	4286987	4287025	+	2	2	R.MLGTAMDKAADAR.T	17
PLOG+9456	proteomics_log	4290525	4290611	+	3	2	R.EMLILATLLLFCAVLLIVLVGTLYPMIYG.L	33
PLOG+9457	proteomics_log	4314302	4314343	+	2	2	R.REMPHRAGWRGSSR.K	18
PLOG+9458	proteomics_log	4314942	4315016	+	3	5	H.VANCHGIQYGGDAARHHQRVVAHR.R	29
PLOG+9459	proteomics_log	4316422	4316487	+	1	7	G.TNIAVM*TCPGRHQPLADIAACR.H	27
PLOG+9460	proteomics_log	4322617	4322667	+	1	8	I.TMRADSGSSEAMGSSAR.I	21
PLOG+9461	proteomics_log	4327440	4327502	+	3	2	R.FLVDLAQGDDARLPQAHQQQF.R	25
PLOG+9462	proteomics_log	4334036	4334110	+	2	2	L.LSWKM*VIKIPTIISPATGVPALFTR.A	30
PLOG+9463	proteomics_log	4349888	4349917	+	2	2	T.GVIAVIPAKR.S	14
PLOG+9464	proteomics_log	4349998	4350048	+	1	2	K.RKPWIMPDEVDVATVVK.V	21
PLOG+9465	proteomics_log	4363568	4363600	+	2	15	K.NGWLKTNLPIR.V	15
PLOG+9466	proteomics_log	4368711	4368737	+	3	7	S.MNIRPLHDR.V	13
PLOG+9467	proteomics_log	4368711	4368749	+	3	17	S.MNIRPLHDRVIVK.R	17
PLOG+9468	proteomics_log	4368738	4368812	+	3	6	R.VIVKRKEVETKSAGGIVLTGSAAK.S	29
PLOG+9469	proteomics_log	4368738	4368770	+	3	93	R.VIVKRKEVETK.S	15
PLOG+9470	proteomics_log	4368750	4368812	+	3	73	K.RKEVETKSAGGIVLTGSAAK.S	25
PLOG+9471	proteomics_log	4368753	4368812	+	3	10	R.KEVETKSAGGIVLTGSAAK.S	24
PLOG+9472	proteomics_log	4368756	4368812	+	3	2	K.EVETKSAGGIVLTGSAAK.S	23

PLOG+9473	proteomics_log	4368771	4368821	+	3	47	K.SAGGIVLTGSAAAKSTR.G	21
PLOG+9474	proteomics_log	4368771	4368851	+	3	152	K.SAGGIVLTGSAAAKSTRGEVLAVGNR.I	31
PLOG+9475	proteomics_log	4368771	4368812	+	3	471	K.SAGGIVLTGSAAAK.S	18
PLOG+9476	proteomics_log	4368783	4368890	+	3	2	G.IVLTGSAAAKSTRGEVLAVGNRILENGEVKPLDVK.V	40
PLOG+9477	proteomics_log	4368813	4368851	+	3	162	K.STRGEVLAVGNR.I	17
PLOG+9478	proteomics_log	4368822	4368851	+	3	128	R.GEVLAVGNR.I	14
PLOG+9479	proteomics_log	4368852	4368941	+	3	12	R.ILENGEVKPLDVKVGDIVIFNDGYGVKSEK.I	34
PLOG+9480	proteomics_log	4368852	4368890	+	3	220	R.ILENGEVKPLDVK.V	17
PLOG+9481	proteomics_log	4368852	4368932	+	3	273	R.ILENGEVKPLDVKVGDIVIFNDGYGVK.S	31
PLOG+9482	proteomics_log	4368879	4368932	+	3	160	P.LDVKVGDIVIFNDGYGVK.S	22
PLOG+9483	proteomics_log	4368891	4368941	+	3	30	K.VGDIVIFNDGYGVKSEK.I	21
PLOG+9484	proteomics_log	4368891	4368932	+	3	229	K.VGDIVIFNDGYGVK.S	18
PLOG+9485	proteomics_log	4368933	4369001	+	3	7	K.SEKIDNEEVLMSESILAIVEA.-	27
PLOG+9486	proteomics_log	4368942	4369001	+	3	2	K.IDNEEVLMSESILAIVEA.-	24
PLOG+9487	proteomics_log	4368942	4369001	+	3	2	K.IDNEEVLM*SESDILAIVEA.-	25
PLOG+9488	proteomics_log	4369051	4369092	+	1	60	M.AAKDVKFGNDARVK.M	18
PLOG+9489	proteomics_log	4369051	4369086	+	1	165	M.AAKDVKFGNDAR.V	16
PLOG+9490	proteomics_log	4369060	4369086	+	1	3	K.DVKFGNDAR.V	13
PLOG+9491	proteomics_log	4369069	4369092	+	1	2	K.FGNDARVK.M	12
PLOG+9492	proteomics_log	4369084	4369149	+	1	3	A.RVKMLRGVNVLADAVKVTLGPK.G	26
PLOG+9493	proteomics_log	4369087	4369131	+	1	2	R.VKM*LRGVNVLADAVK.V	20
PLOG+9494	proteomics_log	4369087	4369155	+	1	15	R.VKMLRGVNVLADAVKVTLGPKGR.N	27
PLOG+9495	proteomics_log	4369087	4369149	+	1	23	R.VKMLRGVNVLADAVKVTLGPK.G	25
PLOG+9496	proteomics_log	4369093	4369131	+	1	3	K.M*LRGVNVLADAVK.V	18
PLOG+9497	proteomics_log	4369093	4369149	+	1	16	K.M*LRGVNVLADAVKVTLGPK.G	24
PLOG+9498	proteomics_log	4369093	4369155	+	1	27	K.M*LRGVNVLADAVKVTLGPKGR.N	26
PLOG+9499	proteomics_log	4369093	4369155	+	1	94	K.MLRGVNVLADAVKVTLGPKGR.N	25
PLOG+9500	proteomics_log	4369093	4369131	+	1	198	K.MLRGVNVLADAVK.V	17
PLOG+9501	proteomics_log	4369093	4369149	+	1	295	K.MLRGVNVLADAVKVTLGPK.G	23
PLOG+9502	proteomics_log	4369102	4369221	+	1	3	R.GVNVLADAVKVTLGPKGRNVVLDKSFGAPTITKDGVSVAR.E	44
PLOG+9503	proteomics_log	4369102	4369149	+	1	172	R.GVNVLADAVKVTLGPK.G	20
PLOG+9504	proteomics_log	4369102	4369131	+	1	234	R.GVNVLADAVK.V	14
PLOG+9505	proteomics_log	4369102	4369155	+	1	390	R.GVNVLADAVKVTLGPKGR.N	22
PLOG+9506	proteomics_log	4369108	4369149	+	1	9	V.NVLADAVKVTLGPK.G	18
PLOG+9507	proteomics_log	4369114	4369155	+	1	3	V.LADAVKVTLGPKGR.N	18
PLOG+9508	proteomics_log	4369117	4369155	+	1	3	L.ADAVKVTLGPKGR.N	17
PLOG+9509	proteomics_log	4369150	4369173	+	1	2	K.GRNVVLDK.S	12
PLOG+9510	proteomics_log	4369150	4369200	+	1	5	K.GRNVVLDKSFGAPTITK.D	21
PLOG+9511	proteomics_log	4369150	4369221	+	1	128	K.GRNVVLDKSFGAPTITKDGVSVAR.E	28
PLOG+9512	proteomics_log	4369156	4369173	+	1	4	R.NVVLDK.S	10
PLOG+9513	proteomics_log	4369156	4369200	+	1	245	R.NVVLDKSFGAPTITK.D	19
PLOG+9514	proteomics_log	4369156	4369221	+	1	333	R.NVVLDKSFGAPTITKDGVSVAR.E	26
PLOG+9515	proteomics_log	4369174	4369200	+	1	4	K.SFGAPTITK.D	13
PLOG+9516	proteomics_log	4369174	4369221	+	1	153	K.SFGAPTITKDGVSVAR.E	20
PLOG+9517	proteomics_log	4369177	4369221	+	1	10	S.FGAPTITKDGVSVAR.E	19
PLOG+9518	proteomics_log	4369222	4369272	+	1	2	R.EIELEDKFENMGAQM*VK.E	22

PLOG+9519	proteomics_log	4369222	4369272	+	1	2	R.EIELEDKFENM*GAQM*VK.E	23
PLOG+9520	proteomics_log	4369222	4369272	+	1	3	R.EIELEDKFENM*GAQMVK.E	22
PLOG+9521	proteomics_log	4369222	4369362	+	1	28	R.EIELEDKFENMGAQMVKEVASKANDAAGDGTTTATVLAQAIITEGLK.A	51
PLOG+9522	proteomics_log	4369222	4369287	+	1	223	R.EIELEDKFENMGAQMVKEVASK.A	26
PLOG+9523	proteomics_log	4369222	4369272	+	1	332	R.EIELEDKFENMGAQMVK.E	21
PLOG+9524	proteomics_log	4369264	4369362	+	1	3	Q.MVKEVASKANDAAGDGTTTATVLAQAIITEGLK.A	37
PLOG+9525	proteomics_log	4369273	4369401	+	1	2	K.EVASKANDAAGDGTTTATVLAQAIITEGLKAVAAGM*NPM*DLKR.G	49
PLOG+9526	proteomics_log	4369273	4369398	+	1	3	K.EVASKANDAAGDGTTTATVLAQAIITEGLKAVAAGM*NPM*DLKR.R	47
PLOG+9527	proteomics_log	4369273	4369398	+	1	5	K.EVASKANDAAGDGTTTATVLAQAIITEGLKAVAAGMNP*DLK.R	47
PLOG+9528	proteomics_log	4369273	4369362	+	1	70	K.EVASKANDAAGDGTTTATVLAQAIITEGLK.A	34
PLOG+9529	proteomics_log	4369273	4369398	+	1	78	K.EVASKANDAAGDGTTTATVLAQAIITEGLKAVAAGMNPMDLK.R	46
PLOG+9530	proteomics_log	4369273	4369401	+	1	119	K.EVASKANDAAGDGTTTATVLAQAIITEGLKAVAAGMNPMDLKR.G	47
PLOG+9531	proteomics_log	4369288	4369398	+	1	4	K.ANDAAGDGTTTATVLAQAIITEGLKAVAAGM*NPM*DLKR.R	42
PLOG+9532	proteomics_log	4369288	4369401	+	1	4	K.ANDAAGDGTTTATVLAQAIITEGLKAVAAGMNP*DLKR.G	43
PLOG+9533	proteomics_log	4369288	4369398	+	1	4	K.ANDAAGDGTTTATVLAQAIITEGLKAVAAGM*NPM*DLKR.R	43
PLOG+9534	proteomics_log	4369288	4369398	+	1	10	K.ANDAAGDGTTTATVLAQAIITEGLKAVAAGMNP*DLK.R	42
PLOG+9535	proteomics_log	4369288	4369401	+	1	4	K.ANDAAGDGTTTATVLAQAIITEGLKAVAAGM*NPM*DLKR.G	44
PLOG+9536	proteomics_log	4369288	4369362	+	1	230	K.ANDAAGDGTTTATVLAQAIITEGLK.A	29
PLOG+9537	proteomics_log	4369288	4369398	+	1	233	K.ANDAAGDGTTTATVLAQAIITEGLKAVAAGMNPMDLK.R	41
PLOG+9538	proteomics_log	4369288	4369401	+	1	480	K.ANDAAGDGTTTATVLAQAIITEGLKAVAAGMNPMDLKR.G	42
PLOG+9539	proteomics_log	4369330	4369401	+	1	3	V.LAQAIITEGLKAVAAGMNPMDLKR.G	28
PLOG+9540	proteomics_log	4369363	4369401	+	1	2	K.AVAAGMNP*DLKR.G	18
PLOG+9541	proteomics_log	4369363	4369401	+	1	2	K.AVAAGM*NPM*DLKR.G	19
PLOG+9542	proteomics_log	4369363	4369398	+	1	5	K.AVAAGM*NPM*DLK.R	18
PLOG+9543	proteomics_log	4369363	4369443	+	1	14	K.AVAAGMNPMDLKR.GIDKAVTAAVEELK.A	31
PLOG+9544	proteomics_log	4369363	4369398	+	1	34	K.AVAAGMNPMDLK.R	16
PLOG+9545	proteomics_log	4369363	4369401	+	1	229	K.AVAAGMNPMDLKR.G	17
PLOG+9546	proteomics_log	4369399	4369473	+	1	5	K.RGIDKAVTAAVEELKALSVPCSDSK.A	29
PLOG+9547	proteomics_log	4369399	4369443	+	1	132	K.RGIDKAVTAAVEELK.A	19
PLOG+9548	proteomics_log	4369402	4369473	+	1	14	R.GIDKAVTAAVEELKALSVPCSDSK.A	28
PLOG+9549	proteomics_log	4369402	4369443	+	1	259	R.GIDKAVTAAVEELK.A	18
PLOG+9550	proteomics_log	4369414	4369443	+	1	42	K.AVTAAVEELK.A	14
PLOG+9551	proteomics_log	4369474	4369551	+	1	2	K.AIAQVGTISANSDETGVGKLI AEAM*DK.V	31
PLOG+9552	proteomics_log	4369474	4369551	+	1	27	K.AIAQVGTISANSDETGVGKLI AEAMDK.V	30
PLOG+9553	proteomics_log	4369474	4369560	+	1	116	K.AIAQVGTISANSDETGVGKLI AEAMDKVVGK.E	33
PLOG+9554	proteomics_log	4369474	4369527	+	1	119	K.AIAQVGTISANSDETGVGK.L	22
PLOG+9555	proteomics_log	4369528	4369638	+	1	2	K.LIAEAM*DKVVGKEGVITVEDGTGLQDEL DVVEGM*QFDR.G	43
PLOG+9556	proteomics_log	4369528	4369638	+	1	10	K.LIAEAMDKVVGKEGVITVEDGTGLQDEL DVVEGMQFDR.G	41
PLOG+9557	proteomics_log	4369528	4369560	+	1	14	K.LIAEAMDKVVGK.E	15
PLOG+9558	proteomics_log	4369552	4369638	+	1	2	K.VGKEGVITVEDGTGLQDEL DVVEGM*QFDR.G	34
PLOG+9559	proteomics_log	4369552	4369638	+	1	15	K.VGKEGVITVEDGTGLQDEL DVVEGMQFDR.G	33
PLOG+9560	proteomics_log	4369561	4369638	+	1	5	K.EGVITVEDGTGLQDEL DVVEGMQFDR.G	30
PLOG+9561	proteomics_log	4369561	4369638	+	1	5	K.EGVITVEDGTGLQDEL DVVEGM*QFDR.G	31
PLOG+9562	proteomics_log	4369639	4369740	+	1	5	R.GYLSPYFINKPETGAVELESPFILLADKKISNIR.E	38
PLOG+9563	proteomics_log	4369639	4369722	+	1	81	R.GYLSPYFINKPETGAVELESPFILLADK.K	32
PLOG+9564	proteomics_log	4369639	4369725	+	1	293	R.GYLSPYFINKPETGAVELESPFILLADKK.I	33



PLOG+9565	proteomics_log	4369657	4369725	+	1	18	Y.FINKPETGAVELESPFILLADKK.I	27
PLOG+9566	proteomics_log	4369723	4369773	+	1	2	K.KISNIREM*LPVLEAVAK.A	22
PLOG+9567	proteomics_log	4369723	4369773	+	1	13	K.KISNIREMLPVLEAVAK.A	21
PLOG+9568	proteomics_log	4369726	4369773	+	1	7	K.ISNIREM*LPVLEAVAK.A	21
PLOG+9569	proteomics_log	4369726	4369851	+	1	116	K.ISNIREMLPVLEAVAKAGKPLLLIAEDVEGEALATLVVNTMR.G	46
PLOG+9570	proteomics_log	4369726	4369773	+	1	313	K.ISNIREMLPVLEAVAK.A	20
PLOG+9571	proteomics_log	4369741	4369773	+	1	2	R.EM*LPVLEAVAK.A	16
PLOG+9572	proteomics_log	4369741	4369773	+	1	46	R.EMLPVLEAVAK.A	15
PLOG+9573	proteomics_log	4369741	4369851	+	1	48	R.EMLPVLEAVAKAGKPLLLIAEDVEGEALATLVVNTMR.G	41
PLOG+9574	proteomics_log	4369774	4369869	+	1	2	K.AGKPLLLIAEDVEGEALATLVVNTMRGIVKVA.A	36
PLOG+9575	proteomics_log	4369774	4369878	+	1	3	K.AGKPLLLIAEDVEGEALATLVVNTMRGIVKVA.V	39
PLOG+9576	proteomics_log	4369774	4369863	+	1	8	K.AGKPLLLIAEDVEGEALATLVVNTM*RGIVK.V	35
PLOG+9577	proteomics_log	4369774	4369851	+	1	151	K.AGKPLLLIAEDVEGEALATLVVNTM*R.G	31
PLOG+9578	proteomics_log	4369774	4369863	+	1	180	K.AGKPLLLIAEDVEGEALATLVVNTMRGIVK.V	34
PLOG+9579	proteomics_log	4369774	4369851	+	1	1559	K.AGKPLLLIAEDVEGEALATLVVNTMR.G	30
PLOG+9580	proteomics_log	4369852	4369905	+	1	3	R.GIVKVAAVKAPGFGDRR.A	22
PLOG+9581	proteomics_log	4369852	4369878	+	1	22	R.GIVKVAAVK.A	13
PLOG+9582	proteomics_log	4369852	4369902	+	1	105	R.GIVKVAAVKAPGFGDRR.K	21
PLOG+9583	proteomics_log	4369852	4369899	+	1	254	R.GIVKVAAVKAPGFGDR.R	20
PLOG+9584	proteomics_log	4369864	4369902	+	1	89	K.VAAVKAPGFGDRR.K	17
PLOG+9585	proteomics_log	4369864	4369899	+	1	104	K.VAAVKAPGFGDR.R	16
PLOG+9586	proteomics_log	4369900	4370010	+	1	2	R.RKAMLQDIATLTGGTVISEEIGMELEKATLEDLGQAK.R	41
PLOG+9587	proteomics_log	4369903	4370010	+	1	2	R.KAM*LQDIATLTGGTVISEEIGMELEKATLEDLGQAK.R	41
PLOG+9588	proteomics_log	4369903	4369980	+	1	4	R.KAM*LQDIATLTGGTVISEEIGM*ELEK.A	32
PLOG+9589	proteomics_log	4369903	4370013	+	1	8	R.KAM*LQDIATLTGGTVISEEIGM*ELEKATLEDLGQAKR.V	43
PLOG+9590	proteomics_log	4369903	4370010	+	1	2	R.KAM*LQDIATLTGGTVISEEIGM*ELEKATLEDLGQAK.R	42
PLOG+9591	proteomics_log	4369903	4369980	+	1	26	R.KAMLQDIATLTGGTVISEEIGMELEK.A	30
PLOG+9592	proteomics_log	4369903	4370013	+	1	93	R.KAMLQDIATLTGGTVISEEIGMELEKATLEDLGQAKR.V	41
PLOG+9593	proteomics_log	4369903	4370010	+	1	173	R.KAMLQDIATLTGGTVISEEIGMELEKATLEDLGQAK.R	40
PLOG+9594	proteomics_log	4369906	4369980	+	1	7	K.AM*LQDIATLTGGTVISEEIGM*ELEK.A	31
PLOG+9595	proteomics_log	4369906	4370010	+	1	10	K.AM*LQDIATLTGGTVISEEIGMELEKATLEDLGQAK.R	40
PLOG+9596	proteomics_log	4369906	4370013	+	1	13	K.AM*LQDIATLTGGTVISEEIGMELEKATLEDLGQAKR.V	41
PLOG+9597	proteomics_log	4369906	4369980	+	1	14	K.AMLQDIATLTGGTVISEEIGM*ELEK.A	30
PLOG+9598	proteomics_log	4369906	4370010	+	1	28	K.AMLQDIATLTGGTVISEEIGM*ELEKATLEDLGQAK.R	40
PLOG+9599	proteomics_log	4369906	4370013	+	1	28	K.AMLQDIATLTGGTVISEEIGM*ELEKATLEDLGQAKR.V	41
PLOG+9600	proteomics_log	4369906	4370013	+	1	13	K.AM*LQDIATLTGGTVISEEIGM*ELEKATLEDLGQAKR.V	42
PLOG+9601	proteomics_log	4369906	4370010	+	1	10	K.AM*LQDIATLTGGTVISEEIGM*ELEKATLEDLGQAK.R	41
PLOG+9602	proteomics_log	4369906	4369980	+	1	93	K.AMLQDIATLTGGTVISEEIGMELEK.A	29
PLOG+9603	proteomics_log	4369906	4370010	+	1	280	K.AMLQDIATLTGGTVISEEIGMELEKATLEDLGQAK.R	39
PLOG+9604	proteomics_log	4369906	4370013	+	1	303	K.AMLQDIATLTGGTVISEEIGMELEKATLEDLGQAKR.V	40
PLOG+9605	proteomics_log	4369933	4370013	+	1	22	L.TGGTVISEEIGMELEKATLEDLGQAKR.V	31
PLOG+9606	proteomics_log	4369981	4370082	+	1	28	K.ATLEDLGQAKRVVINKDTTIIIDGVGEEAAIQGR.V	38
PLOG+9607	proteomics_log	4369981	4370013	+	1	38	K.ATLEDLGQAKR.V	15
PLOG+9608	proteomics_log	4369981	4370010	+	1	149	K.ATLEDLGQAK.R	14
PLOG+9609	proteomics_log	4370011	4370082	+	1	401	K.RVVINKDTTIIIDGVGEEAAIQGR.V	28
PLOG+9610	proteomics_log	4370014	4370082	+	1	499	R.VVINKDTTIIIDGVGEEAAIQGR.V	27

PLOG+9611	proteomics_log	4370029	4370082	+	1	17	K.DTTTIIDGVGEEAAIQGR.V	22
PLOG+9612	proteomics_log	4370047	4370082	+	1	2	I.DGVGEEAAIQGR.V	16
PLOG+9613	proteomics_log	4370083	4370151	+	1	85	R.VAQIRQQIEEATSDYDREKLQER.V	27
PLOG+9614	proteomics_log	4370083	4370139	+	1	140	R.VAQIRQQIEEATSDYDREK.L	23
PLOG+9615	proteomics_log	4370098	4370160	+	1	5	R.QQIEEATSDYDREKLQERVAK.L	25
PLOG+9616	proteomics_log	4370098	4370133	+	1	15	R.QQIEEATSDYDR.E	16
PLOG+9617	proteomics_log	4370098	4370151	+	1	40	R.QQIEEATSDYDREKLQER.V	22
PLOG+9618	proteomics_log	4370098	4370139	+	1	115	R.QQIEEATSDYDREK.L	18
PLOG+9619	proteomics_log	4370152	4370223	+	1	2	R.VAKLAGGVAVIKVGAATEVEM*KEK.K	29
PLOG+9620	proteomics_log	4370152	4370223	+	1	2	R.VAKLAGGVAVIKVGAATEVEMKEK.K	28
PLOG+9621	proteomics_log	4370152	4370232	+	1	6	R.VAKLAGGVAVIKVGAATEVEMKEKKAR.V	31
PLOG+9622	proteomics_log	4370152	4370187	+	1	30	R.VAKLAGGVAVIK.V	16
PLOG+9623	proteomics_log	4370161	4370232	+	1	9	K.LAGGVAVIKVGAATEVEMKEKKAR.V	28
PLOG+9624	proteomics_log	4370161	4370223	+	1	55	K.LAGGVAVIKVGAATEVEMKEK.K	25
PLOG+9625	proteomics_log	4370161	4370226	+	1	61	K.LAGGVAVIKVGAATEVEMKEKK.A	26
PLOG+9626	proteomics_log	4370161	4370187	+	1	104	K.LAGGVAVIK.V	13
PLOG+9627	proteomics_log	4370188	4370232	+	1	4	K.VGAATEVEM*KEKKAR.V	20
PLOG+9628	proteomics_log	4370188	4370226	+	1	5	K.VGAATEVEM*KEKK.A	18
PLOG+9629	proteomics_log	4370188	4370217	+	1	11	K.VGAATEVEM*K.E	15
PLOG+9630	proteomics_log	4370188	4370223	+	1	12	K.VGAATEVEM*KEK.K	17
PLOG+9631	proteomics_log	4370188	4370259	+	1	16	K.VGAATEVEMKEKKARVEDALHATR.A	28
PLOG+9632	proteomics_log	4370188	4370232	+	1	36	K.VGAATEVEMKEKKAR.V	19
PLOG+9633	proteomics_log	4370188	4370226	+	1	93	K.VGAATEVEMKEKK.A	17
PLOG+9634	proteomics_log	4370188	4370217	+	1	99	K.VGAATEVEMK.E	14
PLOG+9635	proteomics_log	4370188	4370223	+	1	184	K.VGAATEVEMKEK.K	16
PLOG+9636	proteomics_log	4370224	4370259	+	1	172	K.KARVEDALHATR.A	16
PLOG+9637	proteomics_log	4370227	4370310	+	1	2	K.ARVEDALHATRAAVEEGVVAGGGVALIR.V	32
PLOG+9638	proteomics_log	4370227	4370259	+	1	144	K.ARVEDALHATR.A	15
PLOG+9639	proteomics_log	4370233	4370310	+	1	28	R.VEDALHATRAAVEEGVVAGGGVALIR.V	30
PLOG+9640	proteomics_log	4370233	4370259	+	1	299	R.VEDALHATR.A	13
PLOG+9641	proteomics_log	4370260	4370301	+	1	2	R.AAVEEGVVAGGGVA.L	18
PLOG+9642	proteomics_log	4370260	4370322	+	1	9	R.AAVEEGVVAGGGVALIRVASK.L	25
PLOG+9643	proteomics_log	4370260	4370310	+	1	1210	R.AAVEEGVVAGGGVALIR.V	21
PLOG+9644	proteomics_log	4370311	4370370	+	1	91	R.VASKLADLRGQNEQNVGIK.V	24
PLOG+9645	proteomics_log	4370311	4370382	+	1	212	R.VASKLADLRGQNEQNVGIKVALR.A	28
PLOG+9646	proteomics_log	4370323	4370382	+	1	356	K.LADLRGQNEQNVGIKVALR.A	24
PLOG+9647	proteomics_log	4370323	4370370	+	1	370	K.LADLRGQNEQNVGIK.V	20
PLOG+9648	proteomics_log	4370338	4370382	+	1	13	R.GQNEQNVGIKVALR.A	19
PLOG+9649	proteomics_log	4370338	4370370	+	1	45	R.GQNEQNVGIK.V	15
PLOG+9650	proteomics_log	4370383	4370484	+	1	2	R.AM*EAPLRQIVLNCGEEPSVVANTVKGGDGNYGYN.A	39
PLOG+9651	proteomics_log	4370383	4370457	+	1	9	R.AMEAPLRQIVLNCGEEPSVVANTVK.G	29
PLOG+9652	proteomics_log	4370458	4370541	+	1	2	K.GGDGNYGYNAAATEEYGNM*IDM*GILDPTK.V	34
PLOG+9653	proteomics_log	4370458	4370541	+	1	30	K.GGDGNYGYNAAATEEYGNMIDMGILDPTK.V	32
PLOG+9654	proteomics_log	4370458	4370550	+	1	265	K.GGDGNYGYNAAATEEYGNMIDMGILDPTKVTR.S	35
PLOG+9655	proteomics_log	4370626	4370691	+	1	19	K.NDAADLGAAGGMGGMGGMMGMM.-	26
PLOG+9656	proteomics_log	4371060	4371131	+	3	4	R.NQAAM*GGNVIYGISSPSQGM*LSS.F	30

PLOG+9657	proteomics_log	4371132	4371173	+	3	19	S.FVPTDSQIIGQVYK.C	18
PLOG+9658	proteomics_log	4373725	4373751	+	1	17	M.ATYYSNDFR.A	13
PLOG+9659	proteomics_log	4373725	4373763	+	1	39	M.ATYYSNDFRAGLK.I	17
PLOG+9660	proteomics_log	4373854	4373874	+	1	11	R.RLLTGTR.V	11
PLOG+9661	proteomics_log	4373857	4373892	+	1	4	R.LLTGTRVEKTFK.S	16
PLOG+9662	proteomics_log	4373857	4373883	+	1	16	R.LLTGTRVEK.T	13
PLOG+9663	proteomics_log	4373893	4374015	+	1	25	K.STDSAEGADVDMNLTYLYNDGEFWHFMMNETFEQLSADAK.A	45
PLOG+9664	proteomics_log	4374211	4374246	+	1	39	K.VPLFVQIGEVIK.V	16
PLOG+9665	proteomics_log	4374211	4374258	+	1	50	K.VPLFVQIGEVIKVDTR.S	20
PLOG+9666	proteomics_log	4374259	4374279	+	1	46	R.SGEYVSR.V	11
PLOG+9667	proteomics_log	4374259	4374285	+	1	75	R.SGEYVSRVK.-	13
PLOG+9668	proteomics_log	4374630	4374710	+	3	2	V.LTACNTRTRGVGEDISDGGNAISGAATK.A	31
PLOG+9669	proteomics_log	4374654	4374710	+	3	20	R.GVGEDISDGGNAISGAATK.A	23
PLOG+9670	proteomics_log	4389819	4389848	+	3	24	R.THTASGLVER.V	14
PLOG+9671	proteomics_log	4390017	4390052	+	3	7	R.YLDVSTLKEAR.R	16
PLOG+9672	proteomics_log	4392173	4392220	+	2	2	R.EAADVLGLTYELMLR.A	20
PLOG+9673	proteomics_log	4393325	4393453	+	2	4	K.GAGTVVAAHPDALGIIDAGNAGM*ASGGM*GDVLSGIIGALLGQK.L	49
PLOG+9674	proteomics_log	4393325	4393453	+	2	10	K.GAGTVVAAHPDALGIIDAGNAGMASGGMGDVLSGIIGALLGQK.L	47
PLOG+9675	proteomics_log	4394016	4394057	+	3	6	R.VSAVSSAGELLAR.L	18
PLOG+9676	proteomics_log	4394814	4394846	+	3	2	R.DGDYFISVM*GR.S	16
PLOG+9677	proteomics_log	4395336	4395410	+	3	8	F.LAHPMQSAPQGATAQTASTVTPDR.T	29
PLOG+9678	proteomics_log	4398314	4398358	+	2	42	M.AKGQSLQDPFLNALR.R	19
PLOG+9679	proteomics_log	4398314	4398361	+	2	46	M.AKGQSLQDPFLNALRR.E	20
PLOG+9680	proteomics_log	4398359	4398403	+	2	2	R.RERVPSIYLVNGIK.L	19
PLOG+9681	proteomics_log	4398362	4398403	+	2	86	R.ERVPVSIYLVNGIK.L	18
PLOG+9682	proteomics_log	4398368	4398403	+	2	5	R.VPVSIIYLVNGIK.L	16
PLOG+9683	proteomics_log	4398404	4398451	+	2	34	K.LQGQIESFDQFVILLK.N	20
PLOG+9684	proteomics_log	4398404	4398478	+	2	62	K.LQGQIESFDQFVILLKNTVSQMVK.H	29
PLOG+9685	proteomics_log	4398452	4398478	+	2	2	K.NTVSQMVK.H	13
PLOG+9686	proteomics_log	4399406	4399465	+	2	22	R.RIDVADVGETVLADTVGFIR.H	24
PLOG+9687	proteomics_log	4399409	4399498	+	2	2	R.IDVADVGETVLADTVGFIRHLPHDLVAAFK.A	34
PLOG+9688	proteomics_log	4399409	4399465	+	2	41	R.IDVADVGETVLADTVGFIR.H	23
PLOG+9689	proteomics_log	4399520	4399564	+	2	4	R.QATLLHVIDAADVR.V	19
PLOG+9690	proteomics_log	4399565	4399648	+	2	4	R.VQENIEAVNTVLEEIDAHEIPTLLVMNK.I	32
PLOG+9691	proteomics_log	4400298	4400375	+	3	2	R.VVTIAAAAIWIIWAASGFYTIKEAER.G	30
PLOG+9692	proteomics_log	4400400	4400483	+	3	11	K.FSHLVEPGLNWKPTFIDEVKPVNVEAVR.E	32
PLOG+9693	proteomics_log	4400859	4400894	+	3	21	R.EAEAYTNEVQPR.A	16
PLOG+9694	proteomics_log	4400934	4400981	+	3	82	R.AYKAQTILEAQGEVAR.F	20
PLOG+9695	proteomics_log	4400943	4400981	+	3	42	K.AQTILEAQGEVAR.F	17
PLOG+9696	proteomics_log	4401036	4401077	+	3	3	R.LYIETMEKVLGNTR.K	18
PLOG+9697	proteomics_log	4401036	4401059	+	3	7	R.LYIETMEK.V	12
PLOG+9698	proteomics_log	4401078	4401164	+	3	11	R.KVLVNDKGGNLMVPLDQMLKGGNAPAAK.S	33
PLOG+9699	proteomics_log	4401078	4401140	+	3	36	R.KVLVNDKGGNLMVPLDQMLK.G	25
PLOG+9700	proteomics_log	4401081	4401164	+	3	7	K.VLVNDKGGNLMVPLDQMLKGGNAPAAK.S	32
PLOG+9701	proteomics_log	4401081	4401140	+	3	13	K.VLVNDKGGNLMVPLDQMLK.G	24
PLOG+9702	proteomics_log	4401527	4401556	+	2	2	R.IQTMDNQADR.F	14

PLOG+9703	proteomics_log	4401629	4401682	+	2	8	R.YYLATGGGDISQAEVLLK.R	22
PLOG+9704	proteomics_log	4401779	4401865	+	2	14	R.DALNSGSAGTEDEVTTPAADNAIAEAAER.V	33
PLOG+9705	proteomics_log	4401866	4401949	+	2	37	R.VTAETKKGKVPVINPNSMAALGIEVVDVR.I	32
PLOG+9706	proteomics_log	4401884	4401949	+	2	69	K.GKVPVINPNSMAALGIEVVDVR.I	26
PLOG+9707	proteomics_log	4401950	4402000	+	2	49	R.IKQINLPTEVSEAIYNR.M	21
PLOG+9708	proteomics_log	4401956	4402000	+	2	14	K.QINLPTEVSEAIYNR.M	19
PLOG+9709	proteomics_log	4402001	4402030	+	2	4	R.MRAEREAVAR.R	14
PLOG+9710	proteomics_log	4402034	4402072	+	2	5	R.HRSQGQEEAEKLR.A	17
PLOG+9711	proteomics_log	4402040	4402099	+	2	5	R.SQGQEEAEKLRATADYEVTR.T	24
PLOG+9712	proteomics_log	4402040	4402072	+	2	51	R.SQGQEEAEKLR.A	15
PLOG+9713	proteomics_log	4402073	4402099	+	2	30	R.ATADYEVTR.T	13
PLOG+9714	proteomics_log	4402100	4402129	+	2	14	R.TLAEAERQGR.I	14
PLOG+9715	proteomics_log	4402130	4402165	+	2	4	R.IM*RGEGDAEAAK.L	17
PLOG+9716	proteomics_log	4402130	4402216	+	2	14	R.IM*RGEGDAEAAKLFADAFSKDPDFYAFIR.S	34
PLOG+9717	proteomics_log	4402130	4402165	+	2	67	R.IMRGEGDAEAAK.L	16
PLOG+9718	proteomics_log	4402130	4402216	+	2	196	R.IMRGEGDAEAAKLFADAFSKDPDFYAFIR.S	33
PLOG+9719	proteomics_log	4402139	4402216	+	2	73	R.GEGDAEAAKLFADAFSKDPDFYAFIR.S	30
PLOG+9720	proteomics_log	4402166	4402216	+	2	54	K.LFADAFSKDPDFYAFIR.S	21
PLOG+9721	proteomics_log	4402217	4402294	+	2	32	R.SLRAYENSFSGNQDVMVMSPDSDFFR.Y	30
PLOG+9722	proteomics_log	4402226	4402294	+	2	2	R.AYENSFSGNQDVM*VM*SPDSDFFR.Y	29
PLOG+9723	proteomics_log	4402226	4402294	+	2	6	R.AYENSFSGNQDVMVMSPDSDFFR.Y	27
PLOG+9724	proteomics_log	4402713	4402766	+	3	29	M.GNNVVVLGTQWGDEGKGI	22
PLOG+9725	proteomics_log	4402713	4402796	+	3	50	M.GNNVVVLGTQWGDEGKGIIVDLLTERAK.Y	32
PLOG+9726	proteomics_log	4402713	4402790	+	3	136	M.GNNVVVLGTQWGDEGKGIIVDLLTER.A	30
PLOG+9727	proteomics_log	4402722	4402790	+	3	2	N.VVVLGTQWGDEGKGIIVDLLTER.A	27
PLOG+9728	proteomics_log	4402767	4402796	+	3	3	K.IVDLLTERAK.Y	14
PLOG+9729	proteomics_log	4402767	4402790	+	3	143	K.IVDLLTER.A	12
PLOG+9730	proteomics_log	4402809	4402895	+	3	4	R.YQGGHNAGHTLVINGEKTIVLHLIPSGILR.E	33
PLOG+9731	proteomics_log	4402809	4402859	+	3	72	R.YQGGHNAGHTLVINGEK.T	21
PLOG+9732	proteomics_log	4402860	4402979	+	3	3	K.TVLHLIPSGILRENVTSIIGNGVVLSAALMKEMKELEDR.G	44
PLOG+9733	proteomics_log	4402860	4402955	+	3	7	K.TVLHLIPSGILRENVTSIIGNGVVLSAALM*K.E	37
PLOG+9734	proteomics_log	4402860	4402895	+	3	36	K.TVLHLIPSGILR.E	16
PLOG+9735	proteomics_log	4402860	4402955	+	3	184	K.TVLHLIPSGILRENVTSIIGNGVVLSAALMK.E	36
PLOG+9736	proteomics_log	4402896	4402955	+	3	3	R.ENVTSIIGNGVVLSAALM*K.E	25
PLOG+9737	proteomics_log	4402896	4402979	+	3	4	R.ENVTSIIGNGVVLSAALMKEMKELEDR.G	32
PLOG+9738	proteomics_log	4402896	4402955	+	3	129	R.ENVTSIIGNGVVLSAALMK.E	24
PLOG+9739	proteomics_log	4403001	4403063	+	3	2	R.LLLSEACPLILDYHVALDNAR.E	25
PLOG+9740	proteomics_log	4403001	4403069	+	3	2	R.LLLSEACPLILDYHVALDNAREK.A	27
PLOG+9741	proteomics_log	4403001	4403075	+	3	8	R.LLLSEACPLILDYHVALDNAREKAR.G	29
PLOG+9742	proteomics_log	4403076	4403105	+	3	11	R.GAKAIGTTGR.G	14
PLOG+9743	proteomics_log	4403085	4403141	+	3	27	K.AIGTTGRGIGPAYEDKVAR.R	23
PLOG+9744	proteomics_log	4403106	4403132	+	3	2	R.GIGPAYEDK.V	13
PLOG+9745	proteomics_log	4403106	4403144	+	3	8	R.GIGPAYEDKVARR.G	17
PLOG+9746	proteomics_log	4403106	4403141	+	3	53	R.GIGPAYEDKVAR.R	16
PLOG+9747	proteomics_log	4403133	4403198	+	3	2	K.VARRGLRVGDLFDKETFAEKLEK.E	26
PLOG+9748	proteomics_log	4403154	4403243	+	3	3	R.VGDLFDKETFAEKLEKMEYHNFQLVNYK.A	34

PLOG+9749	proteomics_log	4403154	4403192	+	3	20	R.VGDLFDKETFAEK.L	17
PLOG+9750	proteomics_log	4403184	4403267	+	3	5	F.AEKLKEVMEYHNFQLVNYKAEAVDYQK.V	32
PLOG+9751	proteomics_log	4403193	4403243	+	3	4	K.LKEVMEYHNFQLVNYK.A	21
PLOG+9752	proteomics_log	4403244	4403267	+	3	3	K.AEAVDYQK.V	12
PLOG+9753	proteomics_log	4403268	4403354	+	3	4	K.VLDDTM*AVADILTSMVVDVSDLLDQARQR.G	34
PLOG+9754	proteomics_log	4403268	4403348	+	3	13	K.VLDDTM*AVADILTSM*VVDVSDLLDQAR.Q	32
PLOG+9755	proteomics_log	4403268	4403348	+	3	13	K.VLDDTM*AVADILTSM*VVDVSDLLDQAR.Q	33
PLOG+9756	proteomics_log	4403268	4403348	+	3	37	K.VLDDTM*AVADILTSMVVDVSDLLDQAR.Q	32
PLOG+9757	proteomics_log	4403268	4403348	+	3	38	K.VLDDTM*AVADILTSMVVDVSDLLDQAR.Q	31
PLOG+9758	proteomics_log	4403268	4403354	+	3	53	K.VLDDTM*AVADILTSMVVDVSDLLDQARQR.G	33
PLOG+9759	proteomics_log	4403484	4403528	+	3	20	R.YVDYVLGILKAYSTR.V	19
PLOG+9760	proteomics_log	4403484	4403513	+	3	90	R.YVDYVLGILK.A	14
PLOG+9761	proteomics_log	4403529	4403570	+	3	2	R.VGAGFPFTELFDET.G	18
PLOG+9762	proteomics_log	4403589	4403621	+	3	29	K.QGNEFGATTGR.R	15
PLOG+9763	proteomics_log	4403628	4403663	+	3	4	R.RTGWLDTVAVRR.A	16
PLOG+9764	proteomics_log	4403631	4403660	+	3	64	R.TGWLDTVAVR.R	14
PLOG+9765	proteomics_log	4403661	4403738	+	3	2	R.RAVQLNSLSGFCLTKLDVLDGLKEVK.L	30
PLOG+9766	proteomics_log	4403664	4403738	+	3	3	R.AVQLNSLSGFCLTKLDVLDGLKEVK.L	29
PLOG+9767	proteomics_log	4403706	4403738	+	3	30	K.LDVLDGLKEVK.L	15
PLOG+9768	proteomics_log	4403772	4403810	+	3	4	R.EVTTTPLAADDWK.G	17
PLOG+9769	proteomics_log	4403772	4403876	+	3	13	R.EVTTTPLAADDWKGVPIYETMPGWSESTFGVKDR.S	39
PLOG+9770	proteomics_log	4403811	4403870	+	3	3	K.GVEPIYETMPGWSESTFGVK.D	24
PLOG+9771	proteomics_log	4403877	4404005	+	3	4	R.SGLPQAALNYIKRIEELTGVPIIDIISTGPDRTETM*ILRDPFDA.-	48
PLOG+9772	proteomics_log	4403877	4403912	+	3	10	R.SGLPQAALNYIK.R	16
PLOG+9773	proteomics_log	4403877	4403915	+	3	13	R.SGLPQAALNYIKR.I	17
PLOG+9774	proteomics_log	4403913	4404005	+	3	3	K.RIEELTGVPIIDIISTGPDRTETM*ILRDPFDA.-	36
PLOG+9775	proteomics_log	4403913	4404005	+	3	24	K.RIEELTGVPIIDIISTGPDRTETMILRDPFDA.-	35
PLOG+9776	proteomics_log	4403916	4404005	+	3	3	R.IEELTGVPIIDIISTGPDRTETM*ILRDPFDA.-	35
PLOG+9777	proteomics_log	4403916	4403969	+	3	5	R.IEELTGVPIIDIISTGPDRT.T	22
PLOG+9778	proteomics_log	4403916	4404005	+	3	192	R.IEELTGVPIIDIISTGPDRTETMILRDPFDA.-	34
PLOG+9779	proteomics_log	4403970	4404005	+	3	13	R.TETMILRDPFDA.-	16
PLOG+9780	proteomics_log	4404543	4404620	+	3	19	K.AVQSFLTELDNYTLADLVEENQPLYK.L	30
PLOG+9781	proteomics_log	4406228	4406299	+	2	15	R.DYAEELLESVADRPDAEMLQTMLLR.S	28
PLOG+9782	proteomics_log	4406804	4406830	+	2	3	R.VEAVNM*DER.K	14
PLOG+9783	proteomics_log	4407403	4407462	+	1	4	R.LLPLIHALESQGVVIQLANR.Q	24
PLOG+9784	proteomics_log	4407640	4407681	+	1	5	R.SADAAGVHAVIVPK.D	18
PLOG+9785	proteomics_log	4407640	4407687	+	1	7	R.SADAAGVHAVIVPKDR.S	20
PLOG+9786	proteomics_log	4407784	4407855	+	1	2	R.MLQEENIWIVGTAGEADHTLYQSK.M	28
PLOG+9787	proteomics_log	4420578	4420619	+	3	9	Q.QWRDAGIGQVVYHR.S	18
PLOG+9788	proteomics_log	4423141	4423212	+	1	3	S.M*RHYEIVFMVHPDQSEQVPGM*IER.Y	30
PLOG+9789	proteomics_log	4423141	4423212	+	1	9	S.M*RHYEIVFM*VHPDQSEQVPGMIER.Y	30
PLOG+9790	proteomics_log	4423141	4423212	+	1	10	S.MRHYEIVFM*VHPDQSEQVPGM*IER.Y	30
PLOG+9791	proteomics_log	4423141	4423212	+	1	18	S.MRHYEIVFMVHPDQSEQVPGM*IER.Y	29
PLOG+9792	proteomics_log	4423141	4423212	+	1	3	S.M*RHYEIVFM*VHPDQSEQVPGM*IER.Y	31
PLOG+9793	proteomics_log	4423141	4423212	+	1	26	S.MRHYEIVFM*VHPDQSEQVPGMIER.Y	29
PLOG+9794	proteomics_log	4423141	4423212	+	1	44	S.M*RHYEIVFMVHPDQSEQVPGMIER.Y	29

PLOG+9795	proteomics_log	4423141	4423212	+	1	371	S.MRHYEIVFMVHPDQSEQVPGMIER.Y	28
PLOG+9796	proteomics_log	4423147	4423212	+	1	2	R.HYEIVFMVHPDQSEQVPGM*IER.Y	27
PLOG+9797	proteomics_log	4423147	4423212	+	1	2	R.HYEIVFM*VHPDQSEQVPGMIER.Y	27
PLOG+9798	proteomics_log	4423147	4423212	+	1	2	R.HYEIVFM*VHPDQSEQVPGM*IER.Y	28
PLOG+9799	proteomics_log	4423147	4423212	+	1	151	R.HYEIVFMVHPDQSEQVPGMIER.Y	26
PLOG+9800	proteomics_log	4423156	4423212	+	1	2	E.IVFMVHPDQSEQVPGMIER.Y	23
PLOG+9801	proteomics_log	4423168	4423212	+	1	10	M.VHPDQSEQVPGMIER.Y	19
PLOG+9802	proteomics_log	4423213	4423272	+	1	31	R.YTAAITGAEGKIHRLEDWGR.R	24
PLOG+9803	proteomics_log	4423213	4423275	+	1	47	R.YTAAITGAEGKIHRLEDWGRR.Q	25
PLOG+9804	proteomics_log	4423213	4423254	+	1	142	R.YTAAITGAEGKIHR.L	18
PLOG+9805	proteomics_log	4423213	4423245	+	1	313	R.YTAAITGAEGK.I	15
PLOG+9806	proteomics_log	4423219	4423254	+	1	8	T.AAITGAEGKIHR.L	16
PLOG+9807	proteomics_log	4423246	4423272	+	1	7	K.IHRLEDWGR.R	13
PLOG+9808	proteomics_log	4423273	4423299	+	1	24	R.RQLAYPINK.L	13
PLOG+9809	proteomics_log	4423273	4423308	+	1	56	R.RQLAYPINKLHK.A	16
PLOG+9810	proteomics_log	4423276	4423377	+	1	4	R.QLAYPINKLHKAHYVLM*NVEAPQEVIDELETTFR.F	39
PLOG+9811	proteomics_log	4423276	4423398	+	1	5	R.QLAYPINKLHKAHYVLM*NVEAPQEVIDELETTFRFNDAVIR.S	46
PLOG+9812	proteomics_log	4423276	4423377	+	1	7	R.QLAYPINKLHKAHYVLMNVEAPQEVIDELETTFR.F	38
PLOG+9813	proteomics_log	4423276	4423308	+	1	37	R.QLAYPINKLHK.A	15
PLOG+9814	proteomics_log	4423285	4423308	+	1	2	A.YPINKLHK.A	12
PLOG+9815	proteomics_log	4423300	4423398	+	1	8	K.LHKAHYVLM*NVEAPQEVIDELETTFRFNDAVIR.S	38
PLOG+9816	proteomics_log	4423300	4423377	+	1	8	K.LHKAHYVLM*NVEAPQEVIDELETTFR.F	31
PLOG+9817	proteomics_log	4423300	4423377	+	1	61	K.LHKAHYVLMNVEAPQEVIDELETTFR.F	30
PLOG+9818	proteomics_log	4423300	4423398	+	1	75	K.LHKAHYVLMNVEAPQEVIDELETTFRFNDAVIR.S	37
PLOG+9819	proteomics_log	4423306	4423377	+	1	32	H.KAHYVLMNVEAPQEVIDELETTFR.F	28
PLOG+9820	proteomics_log	4423309	4423374	+	1	3	K.AHYVLM*NVEAPQEVIDELETTFR.F	27
PLOG+9821	proteomics_log	4423309	4423374	+	1	6	K.AHYVLMNVEAPQEVIDELETTFR.F	26
PLOG+9822	proteomics_log	4423309	4423377	+	1	92	K.AHYVLM*NVEAPQEVIDELETTFR.F	28
PLOG+9823	proteomics_log	4423309	4423398	+	1	296	K.AHYVLM*NVEAPQEVIDELETTFRFNDAVIR.S	35
PLOG+9824	proteomics_log	4423309	4423377	+	1	367	K.AHYVLMNVEAPQEVIDELETTFR.F	27
PLOG+9825	proteomics_log	4423309	4423398	+	1	562	K.AHYVLMNVEAPQEVIDELETTFRFNDAVIR.S	34
PLOG+9826	proteomics_log	4423312	4423398	+	1	8	A.HYVLMNVEAPQEVIDELETTFRFNDAVIR.S	33
PLOG+9827	proteomics_log	4423318	4423377	+	1	3	Y.VLM*NVEAPQEVIDELETTFR.F	25
PLOG+9828	proteomics_log	4423318	4423398	+	1	21	Y.VLMNVEAPQEVIDELETTFRFNDAVIR.S	31
PLOG+9829	proteomics_log	4423318	4423377	+	1	83	Y.VLMNVEAPQEVIDELETTFR.F	24
PLOG+9830	proteomics_log	4423324	4423398	+	1	2	L.MNVEAPQEVIDELETTFRFNDAVIR.S	29
PLOG+9831	proteomics_log	4423324	4423377	+	1	7	L.MNVEAPQEVIDELETTFR.F	22
PLOG+9832	proteomics_log	4423327	4423377	+	1	30	M.NVEAPQEVIDELETTFR.F	21
PLOG+9833	proteomics_log	4423330	4423398	+	1	2	N.VEAPQEVIDELETTFRFNDAVIR.S	27
PLOG+9834	proteomics_log	4423330	4423377	+	1	286	N.VEAPQEVIDELETTFR.F	20
PLOG+9835	proteomics_log	4423336	4423377	+	1	2	E.APQEVIDELETTFR.F	18
PLOG+9836	proteomics_log	4423339	4423377	+	1	3	A.PQEVIDELETTFR.F	17
PLOG+9837	proteomics_log	4423339	4423398	+	1	5	A.PQEVIDELETTFRFNDAVIR.S	24
PLOG+9838	proteomics_log	4423375	4423398	+	1	3	F.RFNDAVIR.S	12
PLOG+9839	proteomics_log	4423378	4423398	+	1	194	R.FNDAVIR.S	11
PLOG+9840	proteomics_log	4423399	4423452	+	1	12	R.SMVMRTKHAVTEASPMVK.A	22

PLOG+9841	proteomics_log	4423414	4423446	+	1	3	R.TKHAVTEASPM*.V	16
PLOG+9842	proteomics_log	4423414	4423476	+	1	9	R.TKHAVTEASPMVKAKDERRER.R	25
PLOG+9843	proteomics_log	4423414	4423470	+	1	15	R.TKHAVTEASPMVKAKDERR.E	23
PLOG+9844	proteomics_log	4423414	4423458	+	1	43	R.TKHAVTEASPMVKAK.D	19
PLOG+9845	proteomics_log	4423414	4423467	+	1	45	R.TKHAVTEASPMVKAKDER.R	22
PLOG+9846	proteomics_log	4423414	4423452	+	1	230	R.TKHAVTEASPM*VK.A	18
PLOG+9847	proteomics_log	4423414	4423452	+	1	363	R.TKHAVTEASPMVK.A	17
PLOG+9848	proteomics_log	4423420	4423467	+	1	6	K.HAVTEASPM*VKAKDER.R	21
PLOG+9849	proteomics_log	4423420	4423458	+	1	8	K.HAVTEASPM*VKAK.D	18
PLOG+9850	proteomics_log	4423420	4423458	+	1	11	K.HAVTEASPMVKAK.D	17
PLOG+9851	proteomics_log	4423420	4423476	+	1	27	K.HAVTEASPMVKAKDERRER.R	23
PLOG+9852	proteomics_log	4423420	4423470	+	1	39	K.HAVTEASPMVKAKDERR.E	21
PLOG+9853	proteomics_log	4423420	4423467	+	1	63	K.HAVTEASPMVKAKDER.R	20
PLOG+9854	proteomics_log	4423420	4423452	+	1	200	K.HAVTEASPM*VK.A	16
PLOG+9855	proteomics_log	4423420	4423452	+	1	354	K.HAVTEASPMVK.A	15
PLOG+9856	proteomics_log	4423477	4423533	+	1	33	R.RDDFANETADDAEAGDSEE.-	23
PLOG+9857	proteomics_log	4423480	4423533	+	1	5	R.DDFANETADDAEAGDSEE.-	22
PLOG+9858	proteomics_log	4423895	4423975	+	2	6	C.RFTAEGVQEIDYKDIATLKNYITESGK.I	31
PLOG+9859	proteomics_log	4423895	4424005	+	2	6	C.RFTAEGVQEIDYKDIATLKNYITESGKIVPSRITGTR.A	41
PLOG+9860	proteomics_log	4423895	4423990	+	2	12	C.RFTAEGVQEIDYKDIATLKNYITESGKIVPSR.I	36
PLOG+9861	proteomics_log	4423895	4423951	+	2	22	C.RFTAEGVQEIDYKDIATLK.N	23
PLOG+9862	proteomics_log	4423898	4423933	+	2	132	R.FTAEGVQEIDYK.D	16
PLOG+9863	proteomics_log	4423898	4424005	+	2	186	R.FTAEGVQEIDYKDIATLKNYITESGKIVPSRITGTR.A	40
PLOG+9864	proteomics_log	4423898	4423975	+	2	216	R.FTAEGVQEIDYKDIATLKNYITESGK.I	30
PLOG+9865	proteomics_log	4423898	4423951	+	2	292	R.FTAEGVQEIDYKDIATLK.N	22
PLOG+9866	proteomics_log	4423898	4423990	+	2	348	R.FTAEGVQEIDYKDIATLKNYITESGKIVPSR.I	35
PLOG+9867	proteomics_log	4423925	4423975	+	2	2	I.DYKDIATLKNYITESGK.I	21
PLOG+9868	proteomics_log	4423934	4423975	+	2	8	K.DIATLKNYITESGK.I	18
PLOG+9869	proteomics_log	4423934	4424005	+	2	16	K.DIATLKNYITESGKIVPSRITGTR.A	28
PLOG+9870	proteomics_log	4423934	4423990	+	2	94	K.DIATLKNYITESGKIVPSR.I	23
PLOG+9871	proteomics_log	4423952	4423975	+	2	50	K.NYITESGK.I	12
PLOG+9872	proteomics_log	4423952	4424005	+	2	55	K.NYITESGKIVPSRITGTR.A	22
PLOG+9873	proteomics_log	4423952	4423990	+	2	94	K.NYITESGKIVPSR.I	17
PLOG+9874	proteomics_log	4424045	4424080	+	2	6	R.ARYLSLLPYTDR.H	16
PLOG+9875	proteomics_log	4424045	4424086	+	2	80	R.ARYLSLLPYTDRHQ.-	18
PLOG+9876	proteomics_log	4424051	4424074	+	2	11	R.YLSLLPYT.D	12
PLOG+9877	proteomics_log	4424051	4424080	+	2	76	R.YLSLLPYTDR.H	14
PLOG+9878	proteomics_log	4424051	4424086	+	2	181	R.YLSLLPYTDRHQ.-	16
PLOG+9879	proteomics_log	4424131	4424235	+	1	8	V.MQVILLDKVANLGLSLGDQVNVKAGYARNFLVPQGK.A	39
PLOG+9880	proteomics_log	4424131	4424154	+	1	13	V.MQVILLDK.V	12
PLOG+9881	proteomics_log	4424131	4424211	+	1	37	V.M*QVILLDKVANLGLSLGDQVNVKAGYAR.N	32
PLOG+9882	proteomics_log	4424131	4424211	+	1	139	V.MQVILLDKVANLGLSLGDQVNVKAGYAR.N	31
PLOG+9883	proteomics_log	4424131	4424196	+	1	210	V.M*QVILLDKVANLGLSLGDQVNVK.A	27
PLOG+9884	proteomics_log	4424131	4424196	+	1	786	V.MQVILLDKVANLGLSLGDQVNVK.A	26
PLOG+9885	proteomics_log	4424137	4424196	+	1	4	Q.VILLDKVANLGLSLGDQVNVK.A	24
PLOG+9886	proteomics_log	4424140	4424196	+	1	14	V.ILLDKVANLGLSLGDQVNVK.A	23

PLOG+9887	proteomics_log	4424143	4424196	+	1	7	I.LLDKVANLGLDQVNVK.A	22
PLOG+9888	proteomics_log	4424149	4424196	+	1	2	L.DKVANLGLDQVNVK.A	20
PLOG+9889	proteomics_log	4424155	4424235	+	1	2	K.VANLGLDQVNVKAGYARNFLVPQGK.A	31
PLOG+9890	proteomics_log	4424155	4424211	+	1	60	K.VANLGLDQVNVKAGYAR.N	23
PLOG+9891	proteomics_log	4424155	4424196	+	1	293	K.VANLGLDQVNVK.A	18
PLOG+9892	proteomics_log	4424167	4424211	+	1	2	L.GSLDQVNVKAGYAR.N	19
PLOG+9893	proteomics_log	4424212	4424280	+	1	8	R.NFLVPQGKAVPATKKNIEFFEAR.R	27
PLOG+9894	proteomics_log	4424212	4424235	+	1	84	R.NFLVPQGK.A	12
PLOG+9895	proteomics_log	4424236	4424334	+	1	23	K.AVPATKKNIEFFARRAELEAKLAEVLAAANAR.A	37
PLOG+9896	proteomics_log	4424236	4424280	+	1	217	K.AVPATKKNIEFFEAR.R	19
PLOG+9897	proteomics_log	4424242	4424280	+	1	23	V.PATKKNIEFFEAR.R	17
PLOG+9898	proteomics_log	4424254	4424283	+	1	3	K.KNIEFFEAR.A	14
PLOG+9899	proteomics_log	4424254	4424334	+	1	27	K.KNIEFFARRAELEAKLAEVLAAANAR.A	31
PLOG+9900	proteomics_log	4424254	4424280	+	1	55	K.KNIEFFEAR.R	13
PLOG+9901	proteomics_log	4424257	4424283	+	1	2	K.NIEFFEAR.A	13
PLOG+9902	proteomics_log	4424257	4424280	+	1	99	K.NIEFFEAR.R	12
PLOG+9903	proteomics_log	4424257	4424334	+	1	174	K.NIEFFARRAELEAKLAEVLAAANAR.A	30
PLOG+9904	proteomics_log	4424269	4424334	+	1	9	F.FEARRAELEAKLAEVLAAANAR.A	26
PLOG+9905	proteomics_log	4424281	4424379	+	1	10	R.RAELEAKLAEVLAAANARA EKINALETVTIASK.A	37
PLOG+9906	proteomics_log	4424281	4424343	+	1	12	R.RAELEAKLAEVLAAANARA EK.I	25
PLOG+9907	proteomics_log	4424281	4424334	+	1	501	R.RAELEAKLAEVLAAANAR.A	22
PLOG+9908	proteomics_log	4424284	4424334	+	1	220	R.AELEAKLAEVLAAANAR.A	21
PLOG+9909	proteomics_log	4424302	4424349	+	1	6	K.LAEVLAAANARA EKIN.A	20
PLOG+9910	proteomics_log	4424302	4424379	+	1	19	K.LAEVLAAANARA EKINALETVTIASK.A	30
PLOG+9911	proteomics_log	4424302	4424334	+	1	530	K.LAEVLAAANAR.A	15
PLOG+9912	proteomics_log	4424305	4424334	+	1	2	L.AEVLAAANAR.A	14
PLOG+9913	proteomics_log	4424335	4424466	+	1	12	R.AEKINALETVTIASKAGDEGKLF SIGTRDIADAVTAAGVEVAK.S	48
PLOG+9914	proteomics_log	4424335	4424397	+	1	20	R.AEKINALETVTIASKAGDEGK.L	25
PLOG+9915	proteomics_log	4424335	4424421	+	1	296	R.AEKINALETVTIASKAGDEGKLF SIGTR.D	33
PLOG+9916	proteomics_log	4424335	4424379	+	1	311	R.AEKINALETVTIASK.A	19
PLOG+9917	proteomics_log	4424344	4424379	+	1	58	K.INALETVTIASK.A	16
PLOG+9918	proteomics_log	4424344	4424421	+	1	136	K.INALETVTIASKAGDEGKLF SIGTR.D	30
PLOG+9919	proteomics_log	4424380	4424478	+	1	16	K.AGDEGKLF SIGTRDIADAVTAAGVEVAKSEVR.L	37
PLOG+9920	proteomics_log	4424380	4424499	+	1	104	K.AGDEGKLF SIGTRDIADAVTAAGVEVAKSEVRLPNGVLR.T	44
PLOG+9921	proteomics_log	4424380	4424466	+	1	146	K.AGDEGKLF SIGTRDIADAVTAAGVEVAK.S	33
PLOG+9922	proteomics_log	4424380	4424421	+	1	238	K.AGDEGKLF SIGTR.D	18
PLOG+9923	proteomics_log	4424398	4424499	+	1	22	K.LF SIGTRDIADAVTAAGVEVAKSEVRLPNGVLR.T	38
PLOG+9924	proteomics_log	4424422	4424478	+	1	171	R.DIADAVTAAGVEVAKSEVR.L	23
PLOG+9925	proteomics_log	4424422	4424466	+	1	393	R.DIADAVTAAGVEVAK.S	19
PLOG+9926	proteomics_log	4424422	4424499	+	1	401	R.DIADAVTAAGVEVAKSEVRLPNGVLR.T	30
PLOG+9927	proteomics_log	4424428	4424499	+	1	3	I.ADAVTAAGVEVAKSEVRLPNGVLR.T	28
PLOG+9928	proteomics_log	4424467	4424499	+	1	42	K.SEVRLPNGVLR.T	15
PLOG+9929	proteomics_log	4424500	4424553	+	1	501	R.TTGEHEVSFQVHSEVFAK.V	22
PLOG+9930	proteomics_log	4427060	4427137	+	2	2	L.PEALVAGIADALEGKHPAVPVDVVHR.A	30
PLOG+9931	proteomics_log	4427180	4427215	+	2	2	R.QRFQAM*AAEGVK.Y	17
PLOG+9932	proteomics_log	4427180	4427215	+	2	5	R.QRFQAMAAEGVK.Y	16



PLOG+9933	proteomics_log	4427186	4427215	+	2	2	R.FQAM*AAEGVK.Y	15
PLOG+9934	proteomics_log	4427186	4427278	+	2	11	R.FQAMAAEGVKYLEENAKKEGVNSTESGLQFR.V	35
PLOG+9935	proteomics_log	4427186	4427215	+	2	12	R.FQAMAAEGVK.Y	14
PLOG+9936	proteomics_log	4427216	4427278	+	2	55	K.YLEENAKKEGVNSTESGLQFR.V	25
PLOG+9937	proteomics_log	4427240	4427278	+	2	17	K.EGVNSTESGLQFR.V	17
PLOG+9938	proteomics_log	4427279	4427329	+	2	4	R.VINQGEGAIPARTDRVR.V	21
PLOG+9939	proteomics_log	4427279	4427314	+	2	33	R.VINQGEGAIIPAR.T	16
PLOG+9940	proteomics_log	4427330	4427347	+	2	4	A.VHYTGK.I	10
PLOG+9941	proteomics_log	4427330	4427347	+	2	4	A.VHYTGK.I	10
PLOG+9942	proteomics_log	4427330	4427386	+	2	21	R.VHYTGKIDGTVFDSSVAR.G	23
PLOG+9943	proteomics_log	4427348	4427467	+	2	2	K.LIDGTVFDSSVARGEPAEFPVNGVIPGWIEALTLMPVGSK.W	44
PLOG+9944	proteomics_log	4427348	4427386	+	2	64	K.LIDGTVFDSSVAR.G	17
PLOG+9945	proteomics_log	4427387	4427467	+	2	3	R.GEPAEFPVNGVIPGWIEALTLMPVGSK.W	32
PLOG+9946	proteomics_log	4427387	4427467	+	2	48	R.GEPAEFPVNGVIPGWIEALTLMPVGSK.W	31
PLOG+9947	proteomics_log	4427387	4427509	+	2	91	R.GEPAEFPVNGVIPGWIEALTLMPVGSKWELTIPQELAYGER.G	45
PLOG+9948	proteomics_log	4427468	4427509	+	2	26	K.WELTIPQELAYGER.G	18
PLOG+9949	proteomics_log	4427510	4427575	+	2	194	R.GAGASIPPFSTLVFEVELLEIL.-	26
PLOG+9950	proteomics_log	4427890	4427949	+	1	6	M.VDQVKVADDQAPAEQSLRR.N	24
PLOG+9951	proteomics_log	4427905	4427946	+	1	2	K.VVADDQAPAEQSLR.R	18
PLOG+9952	proteomics_log	4428847	4428885	+	1	11	R.MLFGLAQEGVAPK.A	17
PLOG+9953	proteomics_log	4434808	4434870	+	1	3	R.NAGDAIMQVYDGTKPMDEVSK.A	25
PLOG+9954	proteomics_log	4434937	4434996	+	1	3	R.TLTPDVPVLSEEDPPGWEVR.Q	24
PLOG+9955	proteomics_log	4435060	4435167	+	1	6	R.NGEFTVNIALIDHGKPIKLVVYAPVMNVMYSAEKG.A	40
PLOG+9956	proteomics_log	4435213	4435245	+	1	2	R.DARPLVVISR.S	15
PLOG+9957	proteomics_log	4435246	4435326	+	1	3	R.SHADAEKKEYLQQLGEHQTTSIGSSLK.F	31
PLOG+9958	proteomics_log	4435270	4435368	+	1	4	K.EYLQQLGEHQTTSIGSSLKFLVAEGQAQLYPR.F	37
PLOG+9959	proteomics_log	4435369	4435476	+	1	2	R.FGPTNIWDTAAGHAVAAAAGAHVHDWQGKPLDYTPR.E	40
PLOG+9960	proteomics_log	4445021	4445104	+	2	3	R.MDVSPDVVFEATPNLFTLDGRVDVPPWAR.I	32
PLOG+9961	proteomics_log	4445456	4445521	+	2	2	N.PDATEDDVIAGVRVTGLADEPK.A	26
PLOG+9962	proteomics_log	4448048	4448098	+	2	4	A.APLTVGFSQVGSSESGWR.A	21
PLOG+9963	proteomics_log	4448099	4448140	+	2	2	R.AAETNVAKSEAEKR.G	18
PLOG+9964	proteomics_log	4448156	4448194	+	2	5	K.IADGQQKQENQIK.A	17
PLOG+9965	proteomics_log	4448156	4448203	+	2	9	K.IADGQQKQENQIKAVR.S	20
PLOG+9966	proteomics_log	4448204	4448287	+	2	3	R.SFVAQGVDAIFIAPVVATGWEPVLKEAK.D	32
PLOG+9967	proteomics_log	4448204	4448278	+	2	5	R.SFVAQGVDAIFIAPVVATGWEPVLK.E	29
PLOG+9968	proteomics_log	4448204	4448320	+	2	9	R.SFVAQGVDAIFIAPVVATGWEPVLKEAKDAEIPVFLDR.S	43
PLOG+9969	proteomics_log	4448288	4448320	+	2	9	K.DAEIPVFLDR.S	15
PLOG+9970	proteomics_log	4450455	4450493	+	3	4	I.SSELEELVGYADR.V	17
PLOG+9971	proteomics_log	4453940	4454026	+	2	2	K.QGIELIQGYDASQLEPQPDLVIIGNAMTR.G	33
PLOG+9972	proteomics_log	4453940	4454026	+	2	2	K.QGIELIQGYDASQLEPQPDLVIIGNAM*TR.G	34
PLOG+9973	proteomics_log	4454345	4454413	+	2	9	R.TLILNLEFDHADIFDDLKAIQK.Q	27
PLOG+9974	proteomics_log	4454558	4454623	+	2	3	K.KLTTDASEWEVLLDGEKVGK.W	26
PLOG+9975	proteomics_log	4454684	4454743	+	2	76	R.HVGVAPADAANALGSFINAR.R	24
PLOG+9976	proteomics_log	4454762	4454842	+	2	2	R.GEANGVTYDDFAHHPTAILATLAALR.G	31
PLOG+9977	proteomics_log	4455140	4455178	+	2	7	K.LLDGLAKKAEAAQ.-	17
PLOG+9978	proteomics_log	4455994	4456026	+	1	3	A.M*KVISQVEAQR.K	16

PLOG+9979	proteomics_log	4455994	4456029	+	1	6	A.M*KVISQVEAQRK.I	17
PLOG+9980	proteomics_log	4455994	4456026	+	1	46	A.MKVISQVEAQR.K	15
PLOG+9981	proteomics_log	4456027	4456077	+	1	11	R.KILEEAVSTALELASGK.S	21
PLOG+9982	proteomics_log	4456027	4456107	+	1	46	R.KILEEAVSTALELASGKSDGAEVAVSK.T	31
PLOG+9983	proteomics_log	4456030	4456107	+	1	5	K.ILEEAVSTALELASGKSDGAEVAVSK.T	30
PLOG+9984	proteomics_log	4456030	4456077	+	1	13	K.ILEEAVSTALELASGK.S	20
PLOG+9985	proteomics_log	4456078	4456107	+	1	2	K.SDGAEVAVSK.T	14
PLOG+9986	proteomics_log	4456207	4456254	+	1	12	R.KGSASSTDLSPQAIAR.T	20
PLOG+9987	proteomics_log	4456255	4456284	+	1	16	R.TVQAALDIAR.Y	14
PLOG+9988	proteomics_log	4456411	4456443	+	1	79	R.AEQAALQADKR.I	15
PLOG+9989	proteomics_log	4456444	4456491	+	1	7	R.ITNTEGGSFNSHYGVK.V	20
PLOG+9990	proteomics_log	4456693	4456797	+	1	2	R.KLSTMKAPVIFANEVATGLFGHLVGAIAAGGSVYRK.S	39
PLOG+9991	proteomics_log	4456693	4456797	+	1	2	R.KLSTM*KAPVIFANEVATGLFGHLVGAIAAGGSVYRK.S	40
PLOG+9992	proteomics_log	4456693	4456794	+	1	5	R.KLSTMKAPVIFANEVATGLFGHLVGAIAAGGSVYR.K	38
PLOG+9993	proteomics_log	4456711	4456797	+	1	5	K.APVIFANEVATGLFGHLVGAIAAGGSVYRK.S	33
PLOG+9994	proteomics_log	4456711	4456794	+	1	19	K.APVIFANEVATGLFGHLVGAIAAGGSVYR.K	32
PLOG+9995	proteomics_log	4456798	4456827	+	1	2	K.STFLLDSL GK.Q	14
PLOG+9996	proteomics_log	4456798	4456878	+	1	9	K.STFLLDSL GKQILPDWLTIEEHPHLLK.G	31
PLOG+9997	proteomics_log	4456828	4456878	+	1	2	K.QILPDWLTIEEHPHLLK.G	21
PLOG+9998	proteomics_log	4456927	4456986	+	1	2	R.RDIKDGILTQWLLTSYSAR.K	24
PLOG+9999	proteomics_log	4456930	4456986	+	1	13	R.DIIKDGILTQWLLTSYSAR.K	23
PLOG+10000	proteomics_log	4457002	4457037	+	1	3	K.STGHAGGIHNWR.I	16
PLOG+10001	proteomics_log	4457038	4457076	+	1	8	R.IAGQGLSFEQMLK.E	17
PLOG+10002	proteomics_log	4457038	4457151	+	1	70	R.IAGQGLSFEQMLKEMGTGLVVTLMGQGVSAITGDYSR.G	42
PLOG+10003	proteomics_log	4457077	4457151	+	1	12	K.EMGTGLVVTLMGQGVSAITGDYSR.G	29
PLOG+10004	proteomics_log	4457152	4457241	+	1	4	R.GAAGFWVENGEIQYPVSEITIAGNLKDMWR.N	34
PLOG+10005	proteomics_log	4457242	4457277	+	1	19	R.NIVTVGNDIETR.S	16
PLOG+10006	proteomics_log	4462143	4462199	+	3	4	R.NPSTPRSAQNSQTFSSAR.T	23
PLOG+10007	proteomics_log	4467094	4467135	+	1	2	R.HNGEIVPLDDIMLR.K	18
PLOG+10008	proteomics_log	4467346	4467381	+	1	3	K.ILTGDSSELVAAK.V	16
PLOG+10009	proteomics_log	4467541	4467597	+	1	2	R.EGHVVGFMGDGINDAPALR.A	23
PLOG+10010	proteomics_log	4467598	4467675	+	1	2	R.AADIGISVDGAVDIAREAAADIILLEK.S	30
PLOG+10011	proteomics_log	4469668	4469754	+	1	11	R.EEQTALSRRWRTRTGPDALFARGSCTGCCLL.P	33
PLOG+10012	proteomics_log	4472885	4472938	+	2	2	K.M*IIGNIHNLPWLPQELR.Q	23
PLOG+10013	proteomics_log	4472885	4472938	+	2	63	K.MIIGNIHNLPWLPQELR.Q	22
PLOG+10014	proteomics_log	4472960	4472992	+	2	3	K.AHVTAETPKGK.H	15
PLOG+10015	proteomics_log	4473062	4473082	+	2	9	R.RAEYHAR.Y	11
PLOG+10016	proteomics_log	4476499	4476540	+	1	13	M.ANPEQLEEQRETR.L	18
PLOG+10017	proteomics_log	4476541	4476639	+	1	64	R.LIIIEELLEDSPPDALYTIEHHLSADDLETLEK.A	37
PLOG+10018	proteomics_log	4519394	4519450	+	2	2	R.VAPREAI FPFSLKASGIM*R.W	24
PLOG+10019	proteomics_log	4541207	4541320	+	2	7	A.AATTVNGGTVHFKGEVVNAACAVDAGSVDQTVQLGQVR.T	42
PLOG+10020	proteomics_log	4541207	4541245	+	2	31	A.AATTVNGGTVHFK.G	17
PLOG+10021	proteomics_log	4541270	4541320	+	2	6	C.AVDAGSVDQTVQLGQVR.T	21
PLOG+10022	proteomics_log	4541321	4541368	+	2	2	R.TASLAQEGATSSAVGF.N	20
PLOG+10023	proteomics_log	4541321	4541410	+	2	4	R.TASLAQEGATSSAVGFNIQLNDCD TNVASK.A	34
PLOG+10024	proteomics_log	4541411	4541524	+	2	80	K.AVAFLGTAIDAGHTNVLALQSSAAGSATNVGVQILDR.T	42

PLOG+10025	proteomics_log	4541525	4541614	+	2	98	R.TGAALTLDGATFSSETTLNNGTNTIPFQAR.Y	34
PLOG+10026	proteomics_log	4541591	4541671	+	2	9	T.NTIPFQARYFATGAATPGAANADATFK.V	31
PLOG+10027	proteomics_log	4541615	4541659	+	2	2	R.YFATGAATPGAANAD.A	19
PLOG+10028	proteomics_log	4541615	4541683	+	2	168	R.YFATGAATPGAANADATFKVQYQ.-	27
PLOG+10029	proteomics_log	4541615	4541671	+	2	213	R.YFATGAATPGAANADATFK.V	23
PLOG+10030	proteomics_log	4542633	4542698	+	3	2	R.ILDATNNQLPQDRESLFWMNVK.A	26
PLOG+10031	proteomics_log	4542633	4542671	+	3	4	R.ILDATNNQLPQDR.E	17
PLOG+10032	proteomics_log	4542699	4542764	+	3	2	K.AIPSMDKSKLTENTLQLAISR.I	26
PLOG+10033	proteomics_log	4542837	4542914	+	3	3	R.RSANSLTINPTPYLLTVTELNAGTR.V	30
PLOG+10034	proteomics_log	4542999	4543031	+	3	4	R.TINDYGALTPK.M	15
PLOG+10035	proteomics_log	4545286	4545363	+	1	2	K.RLAQKM*QKSKTRRGCVPTGVVMPCCCL.M	31
PLOG+10036	proteomics_log	4547575	4547652	+	1	2	R.NGTIIPANNNTVSLGAVGTSAVSLGLT.A	30
PLOG+10037	proteomics_log	4548865	4548903	+	1	2	A.VVAAATAGIASFR.N	17
PLOG+10038	proteomics_log	4550142	4550174	+	3	2	R.FATMSDEDKAR.L	15
PLOG+10039	proteomics_log	4552833	4552904	+	3	5	G.SQNTDSPDANVCNDAGPFELLQAR.Q	28
PLOG+10040	proteomics_log	4555903	4555977	+	1	2	S.STSIASIAQVKSGGIWLIM*DGNSPR.E	30
PLOG+10041	proteomics_log	4559788	4559847	+	1	2	R.LLMISKRGESLARVSSTQIA.C	24
PLOG+10042	proteomics_log	4564258	4564296	+	1	2	R.QLTFRQTIDPLVR.C	17
PLOG+10043	proteomics_log	4585017	4585052	+	3	2	R.YLATKPEGAAAR.D	16
PLOG+10044	proteomics_log	4585173	4585202	+	3	2	K.RAGLSQSLSR.G	14
PLOG+10045	proteomics_log	4585428	4585514	+	3	19	R.DAVADEVLENLLQVSPSRFEVIVLDVLR.L	33
PLOG+10046	proteomics_log	4585752	4585844	+	3	9	R.DFAQSVEGMVLVDGERLVHLMIEVEGVSSR.L	35
PLOG+10047	proteomics_log	4589087	4589143	+	2	2	R.RRRARGVEFHLLGVDVQTV.V	23
PLOG+10048	proteomics_log	4590697	4590735	+	1	2	R.GGKVVVDNVVQTM.R.D	17
PLOG+10049	proteomics_log	4590706	4590735	+	1	4	K.VVDNVVQTM.R.D	14
PLOG+10050	proteomics_log	4590736	4590843	+	1	12	R.DISTSSQKIADIISVIDGIAFQTNILALNAAVEAAR.A	40
PLOG+10051	proteomics_log	4590757	4590861	+	1	8	K.KIADIISVIDGIAFQTNILALNAAVEAARAGEQGR.G	39
PLOG+10052	proteomics_log	4590757	4590843	+	1	64	K.KIADIISVIDGIAFQTNILALNAAVEAAR.A	33
PLOG+10053	proteomics_log	4590757	4590861	+	1	8	K.KIADIISVIDGIAFQTNILALNAAVEAARAGEQGR.G	39
PLOG+10054	proteomics_log	4590757	4590843	+	1	64	K.KIADIISVIDGIAFQTNILALNAAVEAAR.A	33
PLOG+10055	proteomics_log	4590760	4590861	+	1	33	K.IADIISVIDGIAFQTNILALNAAVEAARAGEQGR.G	38
PLOG+10056	proteomics_log	4590760	4590843	+	1	184	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PLOG+10057	proteomics_log	4590760	4590861	+	1	33	K.IADIISVIDGIAFQTNILALNAAVEAARAGEQGR.G	38
PLOG+10058	proteomics_log	4590760	4590843	+	1	184	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PLOG+10059	proteomics_log	4590844	4590891	+	1	15	R.AGEQGRGFVAVAGEVR.N	20
PLOG+10060	proteomics_log	4590844	4590891	+	1	15	R.AGEQGRGFVAVAGEVR.N	20
PLOG+10061	proteomics_log	4590844	4590891	+	1	15	R.AGEQGRGFVAVAGEVR.N	20
PLOG+10062	proteomics_log	4590862	4590891	+	1	46	R.GFAVVAGEVR.N	14
PLOG+10063	proteomics_log	4590862	4590891	+	1	46	R.GFAVVAGEVR.N	14
PLOG+10064	proteomics_log	4590862	4590891	+	1	46	R.GFAVVAGEVR.N	14
PLOG+10065	proteomics_log	4590862	4590906	+	1	10	R.GFAVVAGEVRNLAQR.S	19
PLOG+10066	proteomics_log	4590862	4590891	+	1	46	R.GFAVVAGEVR.N	14
PLOG+10067	proteomics_log	4590907	4590933	+	1	4	R.SAQAAREIK.S	13
PLOG+10068	proteomics_log	4590907	4591032	+	1	19	R.SAQAAREIKSLIEDSVGKVDVGSTLVESAGETMAEIVSAVTR.V	46
PLOG+10069	proteomics_log	4590925	4591032	+	1	40	R.EIKSLIEDSVGKVDVGSTLVESAGETMAEIVSAVTR.V	40
PLOG+10070	proteomics_log	4590934	4591032	+	1	98	K.SLIEDSVGKVDVGSTLVESAGETMAEIVSAVTR.V	37

PLOG+10071	proteomics_log	4590961	4591032	+	1	17	K.VDVGSTLVESAGETMAEIVSAVTR.V	28
PLOG+10072	proteomics_log	4591033	4591083	+	1	2	R.VTDIM*GEIASASDEQSR.G	22
PLOG+10073	proteomics_log	4591033	4591083	+	1	23	R.VTDIMGEIASASDEQSR.G	21
PLOG+10074	proteomics_log	4591033	4591083	+	1	2	R.VTDIM*GEIASASDEQSR.G	22
PLOG+10075	proteomics_log	4591033	4591083	+	1	23	R.VTDIMGEIASASDEQSR.G	21
PLOG+10076	proteomics_log	4591084	4591200	+	1	6	R.GIDQVGLAVAEM*DRVTQQNAALVEESAAAAALEEQASR.L	44
PLOG+10077	proteomics_log	4591201	4591227	+	1	29	R.LTEAVAVFR.I	13
PLOG+10078	proteomics_log	4591228	4591290	+	1	16	R.IQQQQRETSAVVKVTPAAPR.K	25
PLOG+10079	proteomics_log	4591228	4591266	+	1	38	R.IQQQQRETSAVVK.T	17
PLOG+10080	proteomics_log	4591291	4591332	+	1	11	R.KMAVADSEENWETF.-	18
PLOG+10081	proteomics_log	4605940	4606002	+	1	3	R.LVM*VANDLPALTDPLVSDVLR.A	26
PLOG+10082	proteomics_log	4605940	4606002	+	1	13	R.LVMVANDLPALTDPLVSDVLR.A	25
PLOG+10083	proteomics_log	4606829	4606876	+	2	3	I.KTARSLHYSFSTGGLR.A	20
PLOG+10084	proteomics_log	4607479	4607532	+	1	11	R.TFAIISHPDAGKTTITEK.V	22
PLOG+10085	proteomics_log	4607533	4607583	+	1	21	K.VLLFGQAIQTAGTVKGR.G	21
PLOG+10086	proteomics_log	4607533	4607577	+	1	47	K.VLLFGQAIQTAGTVK.G	19
PLOG+10087	proteomics_log	4607830	4607865	+	1	2	R.LRDTPIILTFMNK.L	16
PLOG+10088	proteomics_log	4607830	4607925	+	1	3	R.LRDTPIILTFMNKLRDIRDPMELLDDEVENELK.I	36
PLOG+10089	proteomics_log	4607866	4607925	+	1	3	K.LDRDIRDPMELLDDEVENELK.I	24
PLOG+10090	proteomics_log	4608061	4608141	+	1	10	K.GLNNPDLDAAVGEDLAQQLRDELELVK.G	31
PLOG+10091	proteomics_log	4608277	4608342	+	1	2	M.PRQTDTRTVEASEDKFTGFVFK.I	26
PLOG+10092	proteomics_log	4608298	4608342	+	1	25	R.TVEASEDKFTGFVFK.I	19
PLOG+10093	proteomics_log	4608442	4608495	+	1	31	R.TAKDVVISDALTFMAGDR.S	22
PLOG+10094	proteomics_log	4608793	4608852	+	1	2	R.LKSEYNVEAVYESVNVATAR.W	24
PLOG+10095	proteomics_log	4608898	4608972	+	1	26	R.KNESQLALDGGDNLAYIATSMVNL.R.L	29
PLOG+10096	proteomics_log	4608901	4608972	+	1	3	K.NESQLALDGGDNLAYIATSMVNL.R.L	28
PLOG+10097	proteomics_log	4608973	4609017	+	1	7	R.LAQERYPDVQFHQTR.E	19
PLOG+10098	proteomics_log	4608973	4609023	+	1	13	R.LAQERYPDVQFHQTR.EH.-	21
PLOG+10099	proteomics_log	4609503	4609544	+	3	15	A.ENNAQTTNESAGQK.V	18
PLOG+10100	proteomics_log	4609503	4609565	+	3	33	A.ENNAQTTNESAGQKVDSSMNK.V	25
PLOG+10101	proteomics_log	4609566	4609610	+	3	2	K.VGNFMDDSAITAKV.A	19
PLOG+10102	proteomics_log	4609566	4609604	+	3	18	K.VGNFM*DDSAITAK.V	18
PLOG+10103	proteomics_log	4609566	4609604	+	3	65	K.VGNFMDDSAITAK.V	17
PLOG+10104	proteomics_log	4609605	4609673	+	3	2	K.VKAALVDHDNIKSTDISVKTDQK.V	27
PLOG+10105	proteomics_log	4609605	4609661	+	3	6	K.VKAALVDHDNIKSTDISVK.T	23
PLOG+10106	proteomics_log	4609605	4609640	+	3	44	K.VKAALVDHDNIK.S	16
PLOG+10107	proteomics_log	4609611	4609661	+	3	4	K.AALVDHDNIKSTDISVK.T	21
PLOG+10108	proteomics_log	4609611	4609673	+	3	9	K.AALVDHDNIKSTDISVKTDQK.V	25
PLOG+10109	proteomics_log	4609611	4609640	+	3	31	K.AALVDHDNIK.S	14
PLOG+10110	proteomics_log	4609641	4609673	+	3	17	K.STDISVKTDQK.V	15
PLOG+10111	proteomics_log	4609674	4609730	+	3	20	K.VVTLSGFVESQAQAEAVK.V	23
PLOG+10112	proteomics_log	4609731	4609793	+	3	2	K.VAKGVEGVTSVSDKLHVRDAK.E	25
PLOG+10113	proteomics_log	4609731	4609784	+	3	5	K.VAKGVEGVTSVSDKLHVR.D	22
PLOG+10114	proteomics_log	4609740	4609772	+	3	11	K.GVEGVTSVSDK.L	15
PLOG+10115	proteomics_log	4609740	4609784	+	3	41	K.GVEGVTSVSDKLHVR.D	19
PLOG+10116	proteomics_log	4609785	4609853	+	3	14	R.DAKEGSVKGYAGDTATTSEIKAK.L	27

PLOG+10117	proteomics_log	4609794	4609847	+	3	4	K.EGSVKGYAGDTATTSEIK.A	22
PLOG+10118	proteomics_log	4609794	4609853	+	3	29	K.EGSVKGYAGDTATTSEIKAK.L	24
PLOG+10119	proteomics_log	4609809	4609847	+	3	23	K.GYAGDTATTSEIK.A	17
PLOG+10120	proteomics_log	4609809	4609853	+	3	42	K.GYAGDTATTSEIKAK.L	19
PLOG+10121	proteomics_log	4609848	4609892	+	3	3	K.AKLLADDIVPSRHVK.V	19
PLOG+10122	proteomics_log	4609848	4609883	+	3	9	K.AKLLADDIVPSR.H	16
PLOG+10123	proteomics_log	4609854	4609946	+	3	4	K.LLADDIVPSRHVKVETTDGVVQLSGTVDSQA.Q	35
PLOG+10124	proteomics_log	4609854	4609892	+	3	29	K.LLADDIVPSRHVK.V	17
PLOG+10125	proteomics_log	4609854	4609883	+	3	49	K.LLADDIVPSR.H	14
PLOG+10126	proteomics_log	4609893	4609994	+	3	4	K.VETTDGVVQLSGTVDSQAQSDRAESIAKAVDGVK.S	38
PLOG+10127	proteomics_log	4609893	4609976	+	3	13	K.VETTDGVVQLSGTVDSQAQSDRAESIAK.A	32
PLOG+10128	proteomics_log	4609893	4609958	+	3	15	K.VETTDGVVQLSGTVDSQAQSDR.A	26
PLOG+10129	proteomics_log	4609959	4609994	+	3	3	R.AESIAKAVDGVK.S	16
PLOG+10130	proteomics_log	4609977	4610015	+	3	2	K.AVDGVKSVKNDLK.T	17
PLOG+10131	proteomics_log	4609977	4610021	+	3	35	K.AVDGVKSVKNDLKTK.-	19
PLOG+10132	proteomics_log	4609995	4610021	+	3	49	K.SVKNDLKTK.-	13
PLOG+10133	proteomics_log	4611648	4611719	+	3	2	R.VLALAENYQPLYAALGLHPGMLEK.H	28
PLOG+10134	proteomics_log	4615517	4615552	+	2	6	R.KTLKEQGTPEIR.I	16
PLOG+10135	proteomics_log	4615520	4615552	+	2	2	K.TLKEQGTPEIR.I	15
PLOG+10136	proteomics_log	4615553	4615618	+	2	19	R.IATVTNFPHGNDIDIALAETR.A	26
PLOG+10137	proteomics_log	4615619	4615669	+	2	2	R.AAIAYGADEVVVFPYR.A	21
PLOG+10138	proteomics_log	4615670	4615714	+	2	10	R.ALMAGNEQVGFDLVK.A	19
PLOG+10139	proteomics_log	4615847	4615894	+	2	2	K.TSTGKAVVNATPESAR.I	20
PLOG+10140	proteomics_log	4615862	4615894	+	2	6	K.VAVNATPESAR.I	15
PLOG+10141	proteomics_log	4615895	4615933	+	2	3	R.IMMEVIRDMGVEK.T	17
PLOG+10142	proteomics_log	4615895	4615966	+	2	4	R.IMMEVIRDMGVEKTVGFKPAGGVR.T	28
PLOG+10143	proteomics_log	4615934	4615966	+	2	3	K.TVGFKPAGGVR.T	15
PLOG+10144	proteomics_log	4615988	4616038	+	2	14	K.YLAIADELFGADWADAR.H	21
PLOG+10145	proteomics_log	4616048	4616122	+	2	2	R.FGASSLLASLLKALGHGDGKSASSY.-	29
PLOG+10146	proteomics_log	4616048	4616083	+	2	52	R.FGASSLLASLLK.A	16
PLOG+10147	proteomics_log	4616084	4616122	+	2	13	K.ALGHGDGKSASSY.-	17
PLOG+10148	proteomics_log	4616765	4616821	+	2	4	R.DITATVDSIPLITASILAK.K	23
PLOG+10149	proteomics_log	4616864	4616953	+	2	5	K.VGSGAFM*PTYELSEALAEIIVGVANGAGVR.T	35
PLOG+10150	proteomics_log	4616864	4616953	+	2	42	K.VGSGAFMPTYELSEALAEIIVGVANGAGVR.T	34
PLOG+10151	proteomics_log	4617275	4617322	+	2	5	K.AVYADTEGFVSEMDTR.A	20
PLOG+10152	proteomics_log	4617323	4617361	+	2	3	R.ALGMVAVMGGGR.R	17
PLOG+10153	proteomics_log	4617416	4617466	+	2	2	R.LGDQVDGQRPLAVIHAK.D	21
PLOG+10154	proteomics_log	4617635	4617748	+	2	13	R.AFIMVLDSFGIGATEDAERFGDVGADTLGHIAEACAKG.E	42
PLOG+10155	proteomics_log	4617692	4617748	+	2	10	R.FGDVGDATLGHIAEACAKG.E	23
PLOG+10156	proteomics_log	4617734	4617814	+	2	3	E.ACAKGEADNGRKGPLNLPNLTRLGLAK.A	31
PLOG+10157	proteomics_log	4617767	4617799	+	2	12	R.KGPLNLPNLTR.L	15
PLOG+10158	proteomics_log	4617770	4617799	+	2	2	K.GPLNLPNLTR.L	14
PLOG+10159	proteomics_log	4618256	4618303	+	2	11	R.VIARPFIGDKAGNFQR.T	20
PLOG+10160	proteomics_log	4618256	4618285	+	2	16	R.VIARPFIGDK.A	14
PLOG+10161	proteomics_log	4618304	4618360	+	2	13	R.TGNRHDLAVEPPAPTVLQK.L	23
PLOG+10162	proteomics_log	4618361	4618402	+	2	3	K.LVDEKHGQVSVVGK.I	18

PLOG+10163	proteomics_log	4618376	4618402	+	2	11	K.HGQVSVGK.I	13
PLOG+10164	proteomics_log	4618442	4618495	+	2	2	K.VKATGLDALFDATIKEMK.E	22
PLOG+10165	proteomics_log	4618448	4618495	+	2	27	K.ATGLDALFDATIKEMK.E	20
PLOG+10166	proteomics_log	4618565	4618606	+	2	42	R.DVAGYAAGLELFDR.R	18
PLOG+10167	proteomics_log	4618607	4618636	+	2	2	R.RLPELMSLLR.D	14
PLOG+10168	proteomics_log	4618742	4618804	+	2	5	K.VKPGSLGHRETFADIGQTLAK.Y	25
PLOG+10169	proteomics_log	4618769	4618804	+	2	6	R.ETFADIGQTLAK.Y	16
PLOG+10170	proteomics_log	4618805	4618837	+	2	3	K.YFGTSDMEYGK.A	15
PLOG+10171	proteomics_log	4618909	4618980	+	1	2	M.ATPHINAEMGDFADVLM*PGDPLR.A	29
PLOG+10172	proteomics_log	4618909	4618986	+	1	4	M.ATPHINAEMGDFADVLM*PGDPLRAK.Y	31
PLOG+10173	proteomics_log	4618909	4618980	+	1	19	M.ATPHINAEMGDFADVLM*PGDPLR.A	28
PLOG+10174	proteomics_log	4618909	4618986	+	1	62	M.ATPHINAEMGDFADVLM*PGDPLRAK.Y	30
PLOG+10175	proteomics_log	4618981	4619019	+	1	4	R.AKYIAETFLEDAR.E	17
PLOG+10176	proteomics_log	4618987	4619019	+	1	33	K.YIAETFLEDAR.E	15
PLOG+10177	proteomics_log	4618987	4619037	+	1	92	K.YIAETFLEDAREVNNVR.G	21
PLOG+10178	proteomics_log	4619038	4619067	+	1	19	R.GMLGFTGTYK.G	14
PLOG+10179	proteomics_log	4619038	4619073	+	1	29	R.GMLGFTGTYKGR.K	16
PLOG+10180	proteomics_log	4619131	4619157	+	1	2	K.ELITDFGVK.K	13
PLOG+10181	proteomics_log	4619131	4619169	+	1	2	K.ELITDFGVKKIIR.V	17
PLOG+10182	proteomics_log	4619131	4619160	+	1	4	K.ELITDFGVKK.I	14
PLOG+10183	proteomics_log	4619260	4619313	+	1	9	R.IRFKDHDFAAIADFDM*VR.N	23
PLOG+10184	proteomics_log	4619260	4619313	+	1	47	R.IRFKDHDFAAIADFDMVR.N	22
PLOG+10185	proteomics_log	4619266	4619313	+	1	7	R.FKDHDFAAIADFDM*VR.N	21
PLOG+10186	proteomics_log	4619266	4619355	+	1	8	R.FKDHDFAAIADFDMVRNAVDAAKALGIDAR.V	34
PLOG+10187	proteomics_log	4619266	4619334	+	1	31	R.FKDHDFAAIADFDMVRNAVDAAK.A	27
PLOG+10188	proteomics_log	4619266	4619313	+	1	121	R.FKDHDFAAIADFDMVR.N	20
PLOG+10189	proteomics_log	4619314	4619355	+	1	39	R.NAVDAAKALGIDAR.V	18
PLOG+10190	proteomics_log	4619356	4619493	+	1	2	R.VGNLFSADLFYSPDGEMFDVMEKYGILGVEMEAAGIYGVAAEFGAK.A	50
PLOG+10191	proteomics_log	4619356	4619424	+	1	3	R.VGNLFSADLFYSPDGEM*FDVMEK.Y	28
PLOG+10192	proteomics_log	4619356	4619424	+	1	3	R.VGNLFSADLFYSPDGEMFDVM*EK.Y	28
PLOG+10193	proteomics_log	4619356	4619424	+	1	3	R.VGNLFSADLFYSPDGEM*FDVM*EK.Y	29
PLOG+10194	proteomics_log	4619356	4619424	+	1	114	R.VGNLFSADLFYSPDGEMFDVMEK.Y	27
PLOG+10195	proteomics_log	4619425	4619493	+	1	5	K.YGILGVEM*EAAGIYGVAAEFGAK.A	28
PLOG+10196	proteomics_log	4619425	4619493	+	1	7	K.YGILGVEMEAAGIYGVAAEFGAK.A	27
PLOG+10197	proteomics_log	4619494	4619529	+	1	5	K.ALTICTVSDHIR.T	16
PLOG+10198	proteomics_log	4619530	4619586	+	1	2	R.THEQTAAERQTTFNDM*IK.I	24
PLOG+10199	proteomics_log	4619530	4619622	+	1	33	R.THEQTAAERQTTFNDMIKIALESVLLGDKE.-	35
PLOG+10200	proteomics_log	4619530	4619559	+	1	73	R.THEQTAAER.Q	14
PLOG+10201	proteomics_log	4619560	4619622	+	1	30	R.QTTFNDMIKIALESVLLGDKE.-	25
PLOG+10202	proteomics_log	4619587	4619622	+	1	195	K.IALESVLLGDKE.-	16
PLOG+10203	proteomics_log	4623185	4623241	+	2	4	R.LAHEAQLDVAPLGKIPHLR.T	23
PLOG+10204	proteomics_log	4625279	4625314	+	2	3	K.KLSDALSVFDDL.-	16
PLOG+10205	proteomics_log	4629335	4629454	+	2	3	K.AGNTGLVTVLAGQMPADYQTIASAIISLANNPNTVLTFR.T	44
PLOG+10206	proteomics_log	4629620	4629655	+	2	2	R.LMGNDVTDEQAK.W	16
PLOG+10207	proteomics_log	4629620	4629655	+	2	2	R.LM*GNDVTDEQAK.W	17
PLOG+10208	proteomics_log	4630786	4630827	+	1	2	M.AQQSPYSAAMAEQR.H	18

PLOG+10209	proteomics_log	4631820	4631843	+	3	14	S.MLQVYLVR.H	12
PLOG+10210	proteomics_log	4631874	4631945	+	3	2	R.RIQGQSDSPLTAKGEQQAMQVATR.A	28
PLOG+10211	proteomics_log	4631946	4631993	+	3	29	R.AKELGITHIISSDLGR.T	20
PLOG+10212	proteomics_log	4631952	4631993	+	3	3	K.ELGITHIISSDLGR.T	18
PLOG+10213	proteomics_log	4632785	4632823	+	2	9	R.FIQAVEHRRNGRR.V	17
PLOG-1	proteomics_log	2665	2724	-	5	2	R.TISAQYQRQLIIVAIEGGQ.V	24
PLOG-2	proteomics_log	5929	6042	-	5	2	R.GKDLYQFWGDIITNKLNEALAAQGDNVVINLASDEYFK.S	42
PLOG-3	proteomics_log	6271	6306	-	5	7	R.ISDKLAGINAAR.F	16
PLOG-4	proteomics_log	6343	6459	-	5	2	D.MLILISPAKTLDYQSPLTTTRYTLPELLDNSQQLIHEAR.K	43
PLOG-5	proteomics_log	20818	20850	-	5	115	K.ANLTAQINKLA.-	15
PLOG-6	proteomics_log	20818	20856	-	5	311	R.HKANLTAQINKLA.-	17
PLOG-7	proteomics_log	20818	20865	-	5	19	K.AARHKANLTAQINKLA.-	20
PLOG-8	proteomics_log	20818	20886	-	5	2	K.GLIHKNKAARHKANLTAQINKLA.-	27
PLOG-9	proteomics_log	20824	20850	-	5	34	K.ANLTAQINK.L	13
PLOG-10	proteomics_log	20824	20856	-	5	161	R.HKANLTAQINK.L	15
PLOG-11	proteomics_log	20827	20856	-	5	13	R.HKANLTAQIN.K	14
PLOG-12	proteomics_log	20857	20886	-	5	49	K.GLIHKNKAAR.H	14
PLOG-13	proteomics_log	20857	20898	-	5	18	R.QAAKGLIHKNKAAAR.H	18
PLOG-14	proteomics_log	20866	20898	-	5	8	R.QAAKGLIHKNK.A	15
PLOG-15	proteomics_log	20866	20931	-	5	29	K.AFNEMQPIVDRQAAKGLIHKNK.A	26
PLOG-16	proteomics_log	20872	20931	-	5	2	K.AFNEMQPIVDRQAAKGLIHK.N	24
PLOG-17	proteomics_log	20872	20976	-	5	2	K.VYAAIEAGDKAAAQKAFNEM*QPIVDRQAAKGLIHK.N	40
PLOG-18	proteomics_log	20887	20931	-	5	6	K.AFNEM*QPIVDRQAAK.G	20
PLOG-19	proteomics_log	20887	20931	-	5	199	K.AFNEMQPIVDRQAAK.G	19
PLOG-20	proteomics_log	20887	20946	-	5	2	K.AAAQKAFNEM*QPIVDRQAAK.G	25
PLOG-21	proteomics_log	20887	20946	-	5	8	K.AAAQKAFNEMQPIVDRQAAK.G	24
PLOG-22	proteomics_log	20887	20967	-	5	2	A.AIEAGDKAAAQKAFNEMQPIVDRQAAK.G	31
PLOG-23	proteomics_log	20887	20976	-	5	6	K.VYAAIEAGDKAAAQKAFNEM*QPIVDRQAAK.G	35
PLOG-24	proteomics_log	20887	20976	-	5	141	K.VYAAIEAGDKAAAQKAFNEMQPIVDRQAAK.G	34
PLOG-25	proteomics_log	20887	20979	-	5	10	K.KVYAAIEAGDKAAAQKAFNEMQPIVDRQAAK.G	35
PLOG-26	proteomics_log	20887	20979	-	5	10	K.KVYAAIEAGDKAAAQKAFNEM*QPIVDRQAAK.G	36
PLOG-27	proteomics_log	20887	20991	-	5	9	R.TFIKKVYAAIEAGDKAAAQKAFNEM*QPIVDRQAAK.G	40
PLOG-28	proteomics_log	20887	20991	-	5	12	R.TFIKKVYAAIEAGDKAAAQKAFNEMQPIVDRQAAK.G	39
PLOG-29	proteomics_log	20899	20931	-	5	164	K.AFNEM*QPIVDR.Q	16
PLOG-30	proteomics_log	20899	20931	-	5	259	K.AFNEMQPIVDR.Q	15
PLOG-31	proteomics_log	20899	20946	-	5	20	K.AAAQKAFNEMQPIVDR.Q	20
PLOG-32	proteomics_log	20899	20967	-	5	2	A.AIEAGDKAAAQKAFNEMQPIVDR.Q	27
PLOG-33	proteomics_log	20899	20976	-	5	15	K.VYAAIEAGDKAAAQKAFNEM*QPIVDR.Q	31
PLOG-34	proteomics_log	20899	20976	-	5	114	K.VYAAIEAGDKAAAQKAFNEMQPIVDR.Q	30
PLOG-35	proteomics_log	20899	20979	-	5	7	K.KVYAAIEAGDKAAAQKAFNEM*QPIVDR.Q	32
PLOG-36	proteomics_log	20899	20979	-	5	51	K.KVYAAIEAGDKAAAQKAFNEMQPIVDR.Q	31
PLOG-37	proteomics_log	20899	20991	-	5	15	R.TFIKKVYAAIEAGDKAAAQKAFNEM*QPIVDR.Q	36
PLOG-38	proteomics_log	20899	20991	-	5	164	R.TFIKKVYAAIEAGDKAAAQKAFNEMQPIVDR.Q	35
PLOG-39	proteomics_log	20911	20979	-	5	2	K.KVYAAIEAGDKAAAQKAFNEMQP.I	27
PLOG-40	proteomics_log	20932	20964	-	5	35	A.IEAGDKAAAQK.A	15
PLOG-41	proteomics_log	20932	20967	-	5	24	A.AIEAGDKAAAQK.A	16

PLOG-42	proteomics_log	20932	20970	-	5	11	Y.AAIEAGDKAAAQK.A	17
PLOG-43	proteomics_log	20932	20973	-	5	5	V.YAAIEAGDKAAAQK.A	18
PLOG-44	proteomics_log	20932	20976	-	5	317	K.VYAAIEAGDKAAAQK.A	19
PLOG-45	proteomics_log	20932	20979	-	5	166	K.KVYAAIEAGDKAAAQK.A	20
PLOG-46	proteomics_log	20932	20991	-	5	193	R.TFIKKVYAAIEAGDKAAAQK.A	24
PLOG-47	proteomics_log	20947	20976	-	5	64	K.VYAAIEAGDK.A	14
PLOG-48	proteomics_log	20947	20979	-	5	13	K.KVYAAIEAGDK.A	15
PLOG-49	proteomics_log	20947	20991	-	5	17	R.TFIKKVYAAIEAGDK.A	19
PLOG-50	proteomics_log	21004	21048	-	5	11	R.AIQSEKARKHNASRR.S	19
PLOG-51	proteomics_log	21007	21048	-	5	4	R.AIQSEKARKHNASR.R	18
PLOG-52	proteomics_log	21022	21048	-	5	3	R.AIQSEKARK.H	13
PLOG-53	proteomics_log	21025	21048	-	5	4	R.AIQSEKAR.K	12
PLOG-54	proteomics_log	21025	21051	-	5	13	K.RAIQSEKAR.K	13
PLOG-55	proteomics_log	21025	21054	-	5	87	K.KRAIQSEKAR.K	14
PLOG-56	proteomics_log	21025	21075	-	5	2	L.ANIKSAKKRAIQSEKAR.K	21
PLOG-57	proteomics_log	21031	21054	-	5	10	K.KRAIQSEK.A	12
PLOG-58	proteomics_log	21031	21063	-	5	3	K.SAKKRAIQSEK.A	15
PLOG-59	proteomics_log	21049	21075	-	5	17	L.ANIKSAKKR.A	13
PLOG-60	proteomics_log	34486	34554	-	5	2	N.LLIDIDHFNQSLTLASPPFQLIR.D	27
PLOG-61	proteomics_log	45517	45585	-	5	2	R.FHQQLQLRFISIGLHNNVRMLFI.D	27
PLOG-62	proteomics_log	51687	51752	-	4	4	R.NSLGNLFSVEVLTGMGIDPAMR.A	26
PLOG-63	proteomics_log	51768	51794	-	4	2	R.ITTEAFNR.R	13
PLOG-64	proteomics_log	52395	52427	-	4	5	M.NNRVHQGHLAR.K	15
PLOG-65	proteomics_log	52395	52427	-	4	5	M.NNRVHQGHLAR.K	15
PLOG-66	proteomics_log	52811	52894	-	6	2	D.AITPALLHEVIAILHHDLRKFGIAEPR.I	32
PLOG-67	proteomics_log	53449	53490	-	5	31	R.KFSEEAASWMQEQR.A	18
PLOG-68	proteomics_log	53515	53550	-	5	25	R.NVDKTDAAQKDR.A	16
PLOG-69	proteomics_log	53551	53616	-	5	9	K.GQMSAPVHSSFGWHLIELLDTR.N	26
PLOG-70	proteomics_log	53551	53625	-	5	5	R.LNKGQM*SAPVHSSFGWHLIELLDTR.N	30
PLOG-71	proteomics_log	53758	53790	-	5	2	R.VKLEQIAADIK.S	15
PLOG-72	proteomics_log	53791	53838	-	5	2	R.HILLKPSPIM*TDEQAR.V	21
PLOG-73	proteomics_log	54277	54303	-	5	3	R.KEMIISEVR.N	13
PLOG-74	proteomics_log	54316	54351	-	5	33	R.LAYDGLNYNTYR.N	16
PLOG-75	proteomics_log	54358	54387	-	5	15	K.QNNMTLDQMR.S	14
PLOG-76	proteomics_log	54358	54432	-	5	3	K.ISDEQLDQAIANIAKQNNM*TLDQMR.S	30
PLOG-77	proteomics_log	54358	54432	-	5	128	K.ISDEQLDQAIANIAKQNNMTLDQMR.S	29
PLOG-78	proteomics_log	54358	54444	-	5	29	K.MGVKISDEQLDQAIANIAKQNNMTLDQMR.S	33
PLOG-79	proteomics_log	54388	54432	-	5	19	K.ISDEQLDQAIANIAK.Q	19
PLOG-80	proteomics_log	54433	54483	-	5	8	R.LIMDQIILQMGQKMGVK.I	21
PLOG-81	proteomics_log	54445	54483	-	5	6	R.LIMDQIILQM*GQK.M	18
PLOG-82	proteomics_log	54445	54483	-	5	232	R.LIMDQIILQMGQK.M	17
PLOG-83	proteomics_log	54532	54639	-	5	6	A.PQVVDKVAADVNNGVVLESVDVGLMQSVKLNAAQAR.Q	40
PLOG-84	proteomics_log	54532	54642	-	5	78	A.APQVVDKVAADVNNGVVLESVDVGLMQSVKLNAAQAR.Q	41
PLOG-85	proteomics_log	54553	54609	-	5	2	V.VNNGVVLESVDVGLMQSVK.L	23
PLOG-86	proteomics_log	54553	54621	-	5	3	K.VAAVVNNGVVLESVDVGLMQSVK.L	27
PLOG-87	proteomics_log	54553	54639	-	5	13	A.PQVVDKVAADVNNGVVLESVDVGLMQSVK.L	33



PLOG-88	proteomics_log	54553	54642	-	5	141	A.APQVVDKVAAVVNNGVVLESVDVGLMQSVK.L	34
PLOG-89	proteomics_log	54758	54787	-	6	6	R.SNILPYQNTL.-	14
PLOG-90	proteomics_log	55415	55456	-	6	11	R.IASANQVTTGVTSR.I	18
PLOG-91	proteomics_log	55577	55624	-	6	3	R.DM*EM*LAPGYTQTLEPR.A	22
PLOG-92	proteomics_log	56441	56503	-	6	3	R.FKVGVPVIFYSPLYQLPVGDK.R	25
PLOG-93	proteomics_log	56834	56866	-	6	9	R.LQADEVQLHQK.E	15
PLOG-94	proteomics_log	56867	56929	-	6	2	K.GDYPDDAVFTGSVDIM*QGNSR.L	26
PLOG-95	proteomics_log	60565	60639	-	5	8	K.LVNAVQQDVHAILQLGEAQIEKSAR.A	29
PLOG-96	proteomics_log	60574	60639	-	5	45	K.LVNAVQQDVHAILQLGEAQIEK.S	26
PLOG-97	proteomics_log	60763	60843	-	5	4	K.ALPGVGTLLVELIYVVEAQAPKQLQNR.F	31
PLOG-98	proteomics_log	60781	60843	-	5	33	K.ALPGVGTLLVELIYVVEAQAPK.Q	25
PLOG-99	proteomics_log	60781	60849	-	5	4	K.NKALPGVGTLLVELIYVVEAQAPK.Q	27
PLOG-100	proteomics_log	62659	62748	-	5	2	R.VLLADEVGLGKTIEAGMILHQQLLSGAAER.V	34
PLOG-101	proteomics_log	69899	69931	-	6	2	K.GQFCDAPNNQF.R	15
PLOG-102	proteomics_log	73514	73546	-	6	2	P.VLWQALWTSR.I	15
PLOG-103	proteomics_log	74596	74697	-	5	6	K.FLQFMVSPAFQNAIPTGNWMPVANVTLPAGFEK.L	38
PLOG-104	proteomics_log	74698	74733	-	5	23	R.TAASKQPELAQK.F	16
PLOG-105	proteomics_log	74962	75003	-	5	11	R.TSTPGLGLLLWMQK.V	18
PLOG-106	proteomics_log	75187	75264	-	5	4	K.NSKADVVLGLDNNLLDAASKTGLFAK.S	30
PLOG-107	proteomics_log	75283	75321	-	5	2	K.LVALEDGVSLNLR.L	17
PLOG-108	proteomics_log	75737	75820	-	6	108	R.NGEMNLANWCQQLVASKAMVPLHHWLI.I	32
PLOG-109	proteomics_log	78851	78946	-	6	2	R.HCMMNGLDSIGLTLQHDDAIAAYEAKQPAFMN.-	36
PLOG-110	proteomics_log	78869	78946	-	6	2	R.HCMMNGLDSIGLTLQHDDAIAAYEAK.Q	30
PLOG-111	proteomics_log	78992	79042	-	6	7	K.ANPGIHFDVDLEAQEVK.A	21
PLOG-112	proteomics_log	79043	79084	-	6	48	K.LSDAEVDELFALVK.A	18
PLOG-113	proteomics_log	79043	79156	-	6	129	K.VVIAPSFADIFYGNSFNQLLPVKLSDAEVDELFALVK.A	42
PLOG-114	proteomics_log	79085	79156	-	6	41	K.VVIAPSFADIFYGNSFNQLLPVK.L	28
PLOG-115	proteomics_log	79157	79195	-	6	33	R.EHAPWALTDYGFK.V	17
PLOG-116	proteomics_log	79223	79294	-	6	57	K.GQQPNPDFVLNFPQYQGASILLAR.E	28
PLOG-117	proteomics_log	79223	79309	-	6	227	R.FLDEKGGQPNPDFVLNFPQYQGASILLAR.E	33
PLOG-118	proteomics_log	79310	79345	-	6	88	R.TGFGAHLFNDWR.F	16
PLOG-119	proteomics_log	79319	79345	-	6	2	R.TGFGAHLFN.D	13
PLOG-120	proteomics_log	79346	79432	-	6	7	K.HTGLVVPLDAANVDTDAIIPKQFLQKVTR.T	33
PLOG-121	proteomics_log	79346	79441	-	6	2	K.FIKHTGLVVPLDAANVDTDAIIPKQFLQKVTR.T	36
PLOG-122	proteomics_log	79346	79450	-	6	7	M.AEKFIKHTGLVVPLDAANVDTDAIIPKQFLQKVTR.T	39
PLOG-123	proteomics_log	79355	79432	-	6	2	K.HTGLVVPLDAANVDTDAIIPKQFLQK.V	30
PLOG-124	proteomics_log	79355	79441	-	6	5	K.FIKHTGLVVPLDAANVDTDAIIPKQFLQK.V	33
PLOG-125	proteomics_log	79355	79450	-	6	13	M.AEKFIKHTGLVVPLDAANVDTDAIIPKQFLQK.V	36
PLOG-126	proteomics_log	79370	79411	-	6	3	P.LDAANVDTDAIIPK.Q	18
PLOG-127	proteomics_log	79370	79432	-	6	106	K.HTGLVVPLDAANVDTDAIIPK.Q	25
PLOG-128	proteomics_log	79370	79441	-	6	122	K.FIKHTGLVVPLDAANVDTDAIIPK.Q	28
PLOG-129	proteomics_log	79370	79450	-	6	162	M.AEKFIKHTGLVVPLDAANVDTDAIIPK.Q	31
PLOG-130	proteomics_log	79467	79541	-	4	2	R.THLVSPAM*AAAAAVTGHFADIRNIK.-	30
PLOG-131	proteomics_log	79467	79541	-	4	3	R.THLVSPAMAAAAAVTGHFADIRNIK.-	29
PLOG-132	proteomics_log	79467	79550	-	4	2	R.GGRTHLVSPAMAAAAAVTGHFADIRNIK.-	32
PLOG-133	proteomics_log	79476	79541	-	4	5	R.THLVSPAM*AAAAAVTGHFADIR.N	27

PLOG-134	proteomics_log	79476	79541	-	4	170	R.THLVSPAMAAAAAVTGHFADIR.N	26
PLOG-135	proteomics_log	79476	79550	-	4	5	R.GGRTHLVSPAM*AAAAAVTGHFADIR.N	30
PLOG-136	proteomics_log	79476	79550	-	4	125	R.GGRTHLVSPAMAAAAAVTGHFADIR.N	29
PLOG-137	proteomics_log	79716	79766	-	4	3	K.VAPGVQALVVPGSGPVK.A	21
PLOG-138	proteomics_log	79716	79769	-	4	3	R.KVAPGVQALVVPGSGPVK.A	22
PLOG-139	proteomics_log	79767	79796	-	4	2	R.AAAEIAKGRK.V	14
PLOG-140	proteomics_log	79770	79796	-	4	23	R.AAAEIAKGR.K	13
PLOG-141	proteomics_log	79770	79811	-	4	16	R.IEDLRAAAEIAKGR.K	18
PLOG-142	proteomics_log	79776	79811	-	4	5	R.IEDLRAAAEIAK.G	16
PLOG-143	proteomics_log	79812	79901	-	4	10	K.ALAYMGLKPGIPLTEVAIDKVFISCTNSR.I	34
PLOG-144	proteomics_log	79827	79916	-	4	2	R.ASAEKALAYMGLKPGIPLTEVAIDKVFIS.C	34
PLOG-145	proteomics_log	79842	79901	-	4	8	K.ALAYMGLKPGIPLTEVAIDK.V	24
PLOG-146	proteomics_log	79842	79916	-	4	5	R.ASAEKALAYMGLKPGIPLTEVAIDK.V	29
PLOG-147	proteomics_log	80076	80111	-	4	97	K.GKDFDDAVAYWK.T	16
PLOG-148	proteomics_log	80076	80126	-	4	50	R.LHAPKGKDFDDAVAYWK.T	21
PLOG-149	proteomics_log	80076	80132	-	4	4	K.GRLHAPKGKDFDDAVAYWK.T	23
PLOG-150	proteomics_log	80127	80177	-	4	115	K.AGLVAPDETTFNYVKGR.L	21
PLOG-151	proteomics_log	80133	80177	-	4	217	K.AGLVAPDETTFNYVK.G	19
PLOG-152	proteomics_log	80178	80216	-	4	14	R.MTLCNMAIEMGAK.A	17
PLOG-153	proteomics_log	80265	80345	-	4	6	K.AAPGITAKDIVLAIIGKTGSAGGTGHV.V	31
PLOG-154	proteomics_log	80295	80321	-	4	93	K.DIVLAIIGK.T	13
PLOG-155	proteomics_log	80295	80345	-	4	353	K.AAPGITAKDIVLAIIGK.T	21
PLOG-156	proteomics_log	80295	80378	-	4	2	R.AKTMKIEVQGKAAPGITAKDIVLAIIGK.T	32
PLOG-157	proteomics_log	80346	80372	-	4	4	K.TM*KIEVQGK.A	14
PLOG-158	proteomics_log	80346	80372	-	4	5	K.TMKIEVQGK.A	13
PLOG-159	proteomics_log	80346	80378	-	4	5	R.AKTM*KIEVQGK.A	16
PLOG-160	proteomics_log	80346	80378	-	4	16	R.AKTMKIEVQGK.A	15
PLOG-161	proteomics_log	80625	80696	-	4	5	K.TFATMDHNVSTQTKDINACGEMAR.I	28
PLOG-162	proteomics_log	80655	80696	-	4	23	K.TFATMDHNVSTQTK.D	18
PLOG-163	proteomics_log	80730	80777	-	4	257	R.HLVHEVTSPQAFDGLR.A	20
PLOG-164	proteomics_log	80730	80828	-	4	16	A.HVVYEAENETPLLYIDRHLVHEVTSPQAFDGLR.A	37
PLOG-165	proteomics_log	80730	80840	-	4	24	K.LFDAHVVEAENETPLLYIDRHLVHEVTSPQAFDGLR.A	41
PLOG-166	proteomics_log	80778	80840	-	4	251	K.LFDAHVVEAENETPLLYIDR.H	25
PLOG-167	proteomics_log	80778	80861	-	4	107	M.AKTLYEKLFDHAVVYEAENETPLLYIDR.H	32
PLOG-168	proteomics_log	80870	80935	-	6	13	R.GAAAVSTDEMGIARYVAEGV.-	26
PLOG-169	proteomics_log	80888	80935	-	6	8	R.GAAAVSTDEM*GDIIAR.Y	21
PLOG-170	proteomics_log	80888	80935	-	6	196	R.GAAAVSTDEMGIAR.Y	20
PLOG-171	proteomics_log	81029	81073	-	6	2	I.ANPQAQILSLALLR.Y	19
PLOG-172	proteomics_log	81029	81079	-	6	180	K.NIANPQAQILSLALLR.Y	21
PLOG-173	proteomics_log	81341	81373	-	6	2	K.ANVLQSSILWR.E	15
PLOG-174	proteomics_log	81341	81397	-	6	10	R.HKVTSIDKANVLQSSILWR.E	23
PLOG-175	proteomics_log	81437	81478	-	6	2	K.AFDTEVYHRFEIER.I	18
PLOG-176	proteomics_log	81452	81478	-	6	6	K.AFDTEVYHR.F	13
PLOG-177	proteomics_log	81479	81508	-	6	4	K.GREGSGQYK.A	14
PLOG-178	proteomics_log	81509	81544	-	6	97	R.ELTGGIYFGQPK.G	16
PLOG-179	proteomics_log	81860	81955	-	6	2	M.SKNYHIAVLPDGDIGPEVMTQALKVLDVAVRNR.F	36

PLOG-180	proteomics_log	81866	81955	-	6	5	M.SKNYHIAVLPDGDIGPEVM*TQALKVLD AVR.N	35
PLOG-181	proteomics_log	81866	81955	-	6	191	M.SKNYHIAVLPDGDIGPEVMTQALKVLD AVR.N	34
PLOG-182	proteomics_log	81884	81955	-	6	5	M.SKNYHIAVLPDGDIGPEVM*TQALK.V	29
PLOG-183	proteomics_log	81884	81955	-	6	185	M.SKNYHIAVLPDGDIGPEVMTQALK.V	28
PLOG-184	proteomics_log	81961	81993	-	5	26	K.AQHNENNKETV.-	15
PLOG-185	proteomics_log	81961	81996	-	5	32	R.KAQHNENNKETV.-	16
PLOG-186	proteomics_log	81961	82026	-	5	13	R.AAEVEKELQRKAQHNENNKETV.-	26
PLOG-187	proteomics_log	81994	82026	-	5	2	R.AAEVEKELQRK.A	15
PLOG-188	proteomics_log	81997	82026	-	5	55	R.AAEVEKELQR.K	14
PLOG-189	proteomics_log	82027	82059	-	5	2	K.AM*VHVLNNIWR.A	16
PLOG-190	proteomics_log	82027	82059	-	5	59	K.AMVHVLNNIWR.A	15
PLOG-191	proteomics_log	82027	82107	-	5	5	R.FHGVGLATDIVESSAKAMVHVLNNIWR.A	31
PLOG-192	proteomics_log	82027	82110	-	5	3	R.RFHGVGLATDIVESSAKAMVHVLNNIWR.A	32
PLOG-193	proteomics_log	82036	82110	-	5	28	R.RFHGVGLATDIVESSAKAM*VHVLNN.I	30
PLOG-194	proteomics_log	82060	82107	-	5	118	R.FHGVGLATDIVESSAK.A	20
PLOG-195	proteomics_log	82060	82110	-	5	181	R.RFHGVGLATDIVESSAK.A	21
PLOG-196	proteomics_log	82111	82155	-	5	4	K.DALGQVDIVANYNGR.R	19
PLOG-197	proteomics_log	82111	82167	-	5	4	K.GHGKDALGQVDIVANYNGR.R	23
PLOG-198	proteomics_log	82186	82215	-	5	20	R.ITEYNVELVK.Y	14
PLOG-199	proteomics_log	82381	82428	-	5	12	K.GQVFDYDLEALAFIGK.Q	20
PLOG-200	proteomics_log	82381	82443	-	5	2	K.LADKKGQVFDYDLEALAFIGK.Q	25
PLOG-201	proteomics_log	82444	82488	-	5	3	K.ESEYNLDNLYDAFLK.L	19
PLOG-202	proteomics_log	82444	82509	-	5	2	R.M*DEM*GYKESEYNLDNLYDAFLK.L	28
PLOG-203	proteomics_log	82444	82509	-	5	35	R.MDEMGYKESEYNLDNLYDAFLK.L	26
PLOG-204	proteomics_log	82537	82605	-	5	4	R.ENYEIMTPESIGLNQIQLNLSR.S	27
PLOG-205	proteomics_log	82606	82674	-	5	2	K.AIVGSGAFAHSSGIHQDGV LKNR.E	27
PLOG-206	proteomics_log	82612	82674	-	5	2	K.AIVGSGAFAHSSGIHQDGV LK.N	25
PLOG-207	proteomics_log	82726	82773	-	5	5	K.DILNVHTAINHQEIWR.T	20
PLOG-208	proteomics_log	82726	82776	-	5	23	R.KDILNVHTAINHQEIWR.T	21
PLOG-209	proteomics_log	82825	82860	-	5	2	R.QVEGAM*NGIGER.A	17
PLOG-210	proteomics_log	82825	82860	-	5	70	R.QVEGAMNGIGER.A	16
PLOG-211	proteomics_log	82861	82941	-	5	14	K.AIISVHTHDDLGLAVGNSLAAVHAGAR.Q	31
PLOG-212	proteomics_log	82960	83070	-	5	9	R.VVEAAINAGATTINIPDTVGYTMPFEFAGIISGLYER.V	41
PLOG-213	proteomics_log	83071	83139	-	5	6	R.NYTDDVEFSCEDAGRTP IADLAR.V	27
PLOG-214	proteomics_log	83167	83193	-	5	68	R.STLDEVIER.A	13
PLOG-215	proteomics_log	83167	83199	-	5	20	K.LRSTLDEVIER.A	15
PLOG-216	proteomics_log	83200	83244	-	5	4	R.IHTFIATSPM*HIATK.L	20
PLOG-217	proteomics_log	83200	83244	-	5	88	R.IHTFIATSPMHIATK.L	19
PLOG-218	proteomics_log	83263	83292	-	5	5	K.DIDVAAESLK.V	14
PLOG-219	proteomics_log	83341	83418	-	5	5	R.M*GVDVM*EVGFVSSPGDFESVQTIAR.Q	32
PLOG-220	proteomics_log	83341	83418	-	5	165	R.MGVDVMEVGFVSSPGDFESVQTIAR.Q	30
PLOG-221	proteomics_log	83419	83445	-	5	9	K.LQIALALER.M	13
PLOG-222	proteomics_log	83419	83526	-	5	53	M.SQQVIIFD T TLRDGEQALQASLSVKEKLQIALALER.M	40
PLOG-223	proteomics_log	83446	83526	-	5	64	M.SQQVIIFD T TLRDGEQALQASLSVKEK.L	31
PLOG-224	proteomics_log	83452	83526	-	5	31	M.SQQVIIFD T TLRDGEQALQASLSVK.E	29
PLOG-225	proteomics_log	95198	95323	-	6	2	F.SQSLLSAFIM*AIPFSGRPLKISPFATPASEPKPSRCAAAR.L	47

PLOG-226	proteomics_log	95363	95395	-	6	4	A.VKSLLAALGEK.R	15
PLOG-227	proteomics_log	100609	100638	-	5	6	A.RSAM*VNKVS.R.D	15
PLOG-228	proteomics_log	111615	111722	-	4	2	L.LKKNESPAVAIFPKAM*TGAKNQSSDICLM*PHVGLIR.R	42
PLOG-229	proteomics_log	112276	112338	-	5	8	R.IEALIQQLKAAGSVLISAPRI.G	25
PLOG-230	proteomics_log	112610	112696	-	6	2	I.ITAHRM*LSHRMLPACTHTICSLRRSLSHR.K	34
PLOG-231	proteomics_log	112656	112724	-	4	9	R.LAVADDVIDNNGAPDAIASDVAR.L	27
PLOG-232	proteomics_log	117761	117790	-	6	13	K.HVQALDLSMR.F	14
PLOG-233	proteomics_log	117791	117841	-	6	2	R.EFAETGVDFISVGALTK.H	21
PLOG-234	proteomics_log	117791	117886	-	6	23	K.ALLEVSGNVTDKTLREFAETGVDFISVGALTK.H	36
PLOG-235	proteomics_log	118055	118117	-	6	12	R.LGLSDAFLIKENHIIASGSVR.Q	25
PLOG-236	proteomics_log	118238	118288	-	6	11	R.TALNFVQTLSGVASKVR.H	21
PLOG-237	proteomics_log	118244	118288	-	6	47	R.TALNFVQTLSGVASK.V	19
PLOG-238	proteomics_log	118502	118549	-	6	3	R.EDLGGTVDANNDITAK.L	20
PLOG-239	proteomics_log	118502	118591	-	6	41	R.INLDIPGAVAQALREDLGGTVDANNDITAK.L	34
PLOG-240	proteomics_log	121513	121548	-	5	2	M.M*EGQQHGEQLKR.G	17
PLOG-241	proteomics_log	121513	121548	-	5	20	M.MEGQQHGEQLKR.G	16
PLOG-242	proteomics_log	134992	135048	-	5	5	K.HFIDHEINSIQNFMSSDDMK.A	23
PLOG-243	proteomics_log	134992	135066	-	5	8	R.DINGMKHFIDHEINSIQNFMSSDDMK.A	29
PLOG-244	proteomics_log	135079	135141	-	5	5	K.ALNYLIHQLESDIVTIDYRVR.G	25
PLOG-245	proteomics_log	135085	135141	-	5	43	K.ALNYLIHQLESDIVTIDYR.V	23
PLOG-246	proteomics_log	135250	135312	-	5	141	K.LIDKTEHPGPLPETVVAHLDK.S	25
PLOG-247	proteomics_log	135313	135378	-	5	4	R.QDYEPQASVTILVSEEPVDPK.L	26
PLOG-248	proteomics_log	135442	135486	-	5	9	R.DGYIAYIDELYNANR.L	19
PLOG-249	proteomics_log	135442	135501	-	5	2	K.TAEERDGYIAYIDELYNANR.L	24
PLOG-250	proteomics_log	135541	135573	-	5	10	K.LKLHGFNNLT.K.S	15
PLOG-251	proteomics_log	135601	135678	-	5	2	R.YYNPAAHTAAFALPQYLQDALASQPS.-	30
PLOG-252	proteomics_log	135706	135735	-	5	3	R.HLSTEIIQAR.F	14
PLOG-253	proteomics_log	136186	136227	-	5	3	K.HVLIIGGGDGAMLR.E	18
PLOG-254	proteomics_log	136330	136377	-	5	9	K.TDHQDLIIFENAAFGR.V	20
PLOG-255	proteomics_log	136624	136656	-	5	2	R.DLSGIGIPVAK.K	15
PLOG-256	proteomics_log	142104	142160	-	4	2	R.GQKVTIHGWAYGIHDGLLR.D	23
PLOG-257	proteomics_log	142164	142220	-	4	4	N.VMEQVYNLGHSTIMQSAWK.R	23
PLOG-258	proteomics_log	142248	142283	-	4	3	K.HSSLLGEMPQER.R	16
PLOG-259	proteomics_log	142479	142517	-	4	10	R.LTGLEPGELFVHR.N	17
PLOG-260	proteomics_log	142563	142586	-	4	29	K.LAQAKPR.F	12
PLOG-261	proteomics_log	142563	142622	-	4	2	K.MLVEEDPGFFEKLAQAQKPR.F	24
PLOG-262	proteomics_log	142587	142622	-	4	11	K.MLVEEDPGFFEK.L	16
PLOG-263	proteomics_log	142623	142670	-	4	155	S.MKDIDTLISNNALWSK.M	20
PLOG-264	proteomics_log	146347	146397	-	5	5	R.TWRPNVAYFEGDNEM*KR.T	22
PLOG-265	proteomics_log	146347	146397	-	5	120	R.TWRPNVAYFEGDNEMKR.T	21
PLOG-266	proteomics_log	146494	146532	-	5	6	R.FSTYIAAERGSR.I	17
PLOG-267	proteomics_log	146503	146532	-	5	48	R.FSTYIAAER.G	14
PLOG-268	proteomics_log	146533	146616	-	5	21	C.AIDQDFLDAAGILENEAIDIWNVNNGKR.F	32
PLOG-269	proteomics_log	146623	146652	-	5	10	K.VTHADLHYEG.S	14
PLOG-270	proteomics_log	146623	146658	-	5	177	R.VKVTHADLHYEG.S	16
PLOG-271	proteomics_log	146623	146685	-	5	7	R.TMLQGKLRHVKVTHADLHYEG.S	25

PLOG-272	proteomics_log	146659	146685	-	5	28	R.TMLQGKLR.V	13
PLOG-273	proteomics_log	147947	147976	-	6	14	R.LIDNKMVELA.-	14
PLOG-274	proteomics_log	147977	148015	-	6	12	R.AVILVAAWLGDAR.L	17
PLOG-275	proteomics_log	148016	148057	-	6	3	R.DADTLLEVSETSKR.A	18
PLOG-276	proteomics_log	148019	148057	-	6	4	R.DADTLLEVSETSK.R	17
PLOG-277	proteomics_log	148058	148177	-	6	17	K.VLSSIADKLQAGERDLDEIITIAGQELNEKGFRADDIQR.D	44
PLOG-278	proteomics_log	148079	148177	-	6	21	K.VLSSIADKLQAGERDLDEIITIAGQELNEKGFR.A	37
PLOG-279	proteomics_log	148088	148135	-	6	7	R.DLDEIITIAGQELNEK.G	20
PLOG-280	proteomics_log	148088	148177	-	6	160	K.VLSSIADKLQAGERDLDEIITIAGQELNEK.G	34
PLOG-281	proteomics_log	148088	148198	-	6	3	K.IAPGLYKVLSSIADKLQAGERDLDEIITIAGQELNEK.G	41
PLOG-282	proteomics_log	148136	148177	-	6	6	K.VLSSIADKLQAGER.D	18
PLOG-283	proteomics_log	148199	148228	-	6	3	R.NGYLTAEQRK.I	14
PLOG-284	proteomics_log	148202	148228	-	6	3	R.NGYLTAEQR.K	13
PLOG-285	proteomics_log	148229	148252	-	6	2	K.DGLALSSR.N	12
PLOG-286	proteomics_log	148229	148258	-	6	113	R.AKDGLALSSR.N	14
PLOG-287	proteomics_log	148508	148540	-	6	4	R.KVDLVFAPSVK.E	15
PLOG-288	proteomics_log	148577	148654	-	6	17	R.ADVVVVSIFVNPMPQFDRPEDLARYPR.T	30
PLOG-289	proteomics_log	148586	148654	-	6	4	R.ADVVVVSIFVNPMPQFDRPEDLAR.Y	27
PLOG-290	proteomics_log	148810	148866	-	5	3	R.QYM*AEVESGVYPGEEHSFH.-	24
PLOG-291	proteomics_log	148810	148866	-	5	6	R.QYMAEVESGVYPGEEHSFH.-	23
PLOG-292	proteomics_log	148810	148878	-	5	2	R.AAVRQYMAEVESGVYPGEEHSFH.-	27
PLOG-293	proteomics_log	148867	148908	-	5	3	K.NFLAETGDIRAAVR.Q	18
PLOG-294	proteomics_log	148879	148908	-	5	89	K.NFLAETGDIR.A	14
PLOG-295	proteomics_log	148879	148917	-	5	4	K.FAKNFLAETGDIR.A	17
PLOG-296	proteomics_log	148918	149031	-	5	19	R.ITEALAIPIVIGIGAGNVTDGQILVMHDAFGITGGHIPK.F	42
PLOG-297	proteomics_log	148918	149034	-	5	9	K.RITEALAIPIVIGIGAGNVTDGQILVMHDAFGITGGHIPK.F	43
PLOG-298	proteomics_log	149215	149265	-	5	7	K.IEGGEWLIVETVQM*LTER.A	22
PLOG-299	proteomics_log	149215	149265	-	5	167	K.IEGGEWLIVETVQMLTER.A	21
PLOG-300	proteomics_log	149215	149286	-	5	18	R.AGANMVKIEGGEWLIVETVQMLTER.A	28
PLOG-301	proteomics_log	149287	149349	-	5	77	D.LPFMAYATPEQAFENAATVMR.A	25
PLOG-302	proteomics_log	149287	149379	-	5	8	R.GAPNCLLLADLPFMAYATPEQAFENAATVMR.A	35
PLOG-303	proteomics_log	149287	149382	-	5	3	R.RGAPNCLLLADLPFMAYATPEQAFENAATVMR.A	36
PLOG-304	proteomics_log	149383	149508	-	5	5	K.LFADEGLNVMLVGD SLGMTVQGH DSTLPVTVADIAYHTAAVR.R	46
PLOG-305	proteomics_log	149509	149547	-	5	11	R.FATITAYDYSFAK.L	17
PLOG-306	proteomics_log	149569	149601	-	5	6	V.M*KPTTISLLQK.Y	16
PLOG-307	proteomics_log	149569	149601	-	5	23	V.MKPTTISLLQK.Y	15
PLOG-308	proteomics_log	155391	155438	-	4	3	R.RKHSVTIEYTKNYHHL.T	20
PLOG-309	proteomics_log	157298	157366	-	6	12	R.GFMLWPLFEIAPELVFPDGEMLR.Q	27
PLOG-310	proteomics_log	157505	157606	-	6	3	R.TPPLGPQDQPDYLNAAVALETSLAPEELLNHTQR.I	38
PLOG-311	proteomics_log	158131	158193	-	5	5	R.VNPAFLFAAMFWYPLLETAQK.I	25
PLOG-312	proteomics_log	158848	158889	-	5	2	K.DFDVTTNATPEQVR.K	18
PLOG-313	proteomics_log	160152	160187	-	4	3	K.TLAEIREKQMAG.-	16
PLOG-314	proteomics_log	160344	160379	-	4	157	R.AAQEEFSLER.N	16
PLOG-315	proteomics_log	160380	160433	-	4	5	R.TVTHM*QDEAANFPDPVDR.A	23
PLOG-316	proteomics_log	160380	160433	-	4	122	R.TVTHMQDEAANFPDPVDR.A	22
PLOG-317	proteomics_log	160380	160460	-	4	2	R.NQLRDEVDRVTVTHM*QDEAANFPDPVDR.A	32

PLOG-318	proteomics_log	160380	160460	-	4	12	R.NQLRDEVDRVTVTHMQDEAANFPDPVDR.A	31
PLOG-319	proteomics_log	160380	160478	-	4	3	R.ILEAWRNQLRDEVDRVTVTHM*QDEAANFPDPVDR.A	38
PLOG-320	proteomics_log	160380	160478	-	4	4	R.ILEAWRNQLRDEVDRVTVTHMQDEAANFPDPVDR.A	37
PLOG-321	proteomics_log	160434	160460	-	4	35	R.NQLRDEVDR.T	13
PLOG-322	proteomics_log	160461	160481	-	4	2	R.RILEAWR.N	11
PLOG-323	proteomics_log	160479	160580	-	4	4	K.TSSLSILAIAGVEPYQEKPGEEYM*NEAQLAHFRR.I	39
PLOG-324	proteomics_log	160479	160580	-	4	15	K.TSSLSILAIAGVEPYQEKPGEEYMNEAQLAHFRR.I	38
PLOG-325	proteomics_log	160479	160583	-	4	5	R.KTSSLSILAIAGVEPYQEKPGEEYMNEAQLAHFRR.I	39
PLOG-326	proteomics_log	160479	160583	-	4	5	R.KTSSLSILAIAGVEPYQEKPGEEYM*NEAQLAHFRR.I	40
PLOG-327	proteomics_log	160482	160580	-	4	5	K.TSSLSILAIAGVEPYQEKPGEEYMNEAQLAHFR.R	37
PLOG-328	proteomics_log	160482	160583	-	4	2	R.KTSSLSILAIAGVEPYQEKPGEEYMNEAQLAHFR.R	38
PLOG-329	proteomics_log	168638	168718	-	6	2	K.STPVSrvWSISpVANLLCNwVStEKfC.S	31
PLOG-330	proteomics_log	173620	173739	-	5	2	R.FFHMLDEGVYLAPSAFEAGFMSVAHSMEDINNTIDAARR.V	44
PLOG-331	proteomics_log	173623	173739	-	5	22	R.FFHMLDEGVYLAPSAFEAGFMSVAHSMEDINNTIDAAR.R	43
PLOG-332	proteomics_log	173968	174042	-	5	2	R.DVM*DALAPTGPVYQAGTLsgnPIAM*.A	31
PLOG-333	proteomics_log	174046	174087	-	5	7	K.IIGGGMPVgAFgGR.R	18
PLOG-334	proteomics_log	174511	174552	-	5	62	R.MVNSGTEATMSAIR.L	18
PLOG-335	proteomics_log	174520	174552	-	5	2	R.MVNSGTEATM*S.A	16
PLOG-336	proteomics_log	174553	174600	-	5	80	K.MAQLVTELvPTMDMVR.M	20
PLOG-337	proteomics_log	174553	174639	-	5	44	R.GLSFGAPTEMEVkMAQLVTELvPTMDMVR.M	33
PLOG-338	proteomics_log	174553	174666	-	5	2	R.NAVIEAAERGLSFGAPTEMEVkMAQLVTELvPTMDMVR.M	42
PLOG-339	proteomics_log	174601	174639	-	5	88	R.GLSFGAPTEMEVK.M	17
PLOG-340	proteomics_log	174640	174666	-	5	15	R.NAVIEAAER.G	13
PLOG-341	proteomics_log	174733	174768	-	5	4	K.ADgAYLdVdGk.A	16
PLOG-342	proteomics_log	174769	174810	-	5	79	R.AFTGvGGtPLfIEk.A	18
PLOG-343	proteomics_log	174811	174846	-	5	3	R.ELIPGGVNSpVR.A	16
PLOG-344	proteomics_log	174847	174879	-	5	148	M.SKSEnLYsAAR.E	15
PLOG-345	proteomics_log	178458	178505	-	4	34	K.QSSLMVESLVQkLAHG.-	20
PLOG-346	proteomics_log	178458	178574	-	4	9	R.AISDVADQqSHLSFDEFLAVAAKQSSLM*VESLVQkLAHG.-	44
PLOG-347	proteomics_log	178458	178574	-	4	70	R.AISDVADQqSHLSFDEFLAVAAKQSSLMVESLVQkLAHG.-	43
PLOG-348	proteomics_log	178458	178505	-	4	34	K.QSSLMVESLVQkLAHG.-	20
PLOG-349	proteomics_log	178458	178574	-	4	9	R.AISDVADQqSHLSFDEFLAVAAKQSSLM*VESLVQkLAHG.-	44
PLOG-350	proteomics_log	178458	178574	-	4	70	R.AISDVADQqSHLSFDEFLAVAAKQSSLMVESLVQkLAHG.-	43
PLOG-351	proteomics_log	178470	178505	-	4	19	K.QSSLMVESLVQk.L	16
PLOG-352	proteomics_log	178470	178538	-	4	3	L.SFDEFLAVAAKQSSLMVESLVQk.L	27
PLOG-353	proteomics_log	178470	178574	-	4	13	R.AISDVADQqSHLSFDEFLAVAAKQSSLMVESLVQk.L	39
PLOG-354	proteomics_log	178506	178574	-	4	90	R.AISDVADQqSHLSFDEFLAVAAK.Q	27
PLOG-355	proteomics_log	178674	178727	-	4	3	R.GLIVSGDAfINGsvGLAk.I	22
PLOG-356	proteomics_log	178866	178898	-	4	21	K.VGDIVVsDEAR.Y	15
PLOG-357	proteomics_log	179085	179147	-	4	24	K.IGIIGAMEEEVtLLRDkIENR.Q	25
PLOG-358	proteomics_log	179085	179153	-	4	10	S.M*KIGIIGAMEEEVtLLRDkIENR.Q	28
PLOG-359	proteomics_log	179085	179153	-	4	166	S.MKIGIIGAMEEEVtLLRDkIENR.Q	27
PLOG-360	proteomics_log	179097	179153	-	4	3	S.MKIGIIGAMEEEVtLLRDk.I	23
PLOG-361	proteomics_log	179103	179147	-	4	30	K.IGIIGAMEEEVtLLR.D	19
PLOG-362	proteomics_log	179103	179153	-	4	37	S.MKIGIIGAMEEEVtLLR.D	21
PLOG-363	proteomics_log	183712	183753	-	5	3	K.ISEIEADLEkLTrk.-	18

PLOG-364	proteomics_log	183712	183780	-	5	113	R.HLESVVTNKISEIEADLEKLTRK.-	27
PLOG-365	proteomics_log	183712	183798	-	5	108	K.ILDDLRHLESVVTNKISEIEADLEKLTRK.-	33
PLOG-366	proteomics_log	183712	183801	-	5	18	R.KILDDLRHLESVVTNKISEIEADLEKLTRK.-	34
PLOG-367	proteomics_log	183715	183753	-	5	10	K.ISEIEADLEKLTR.K	17
PLOG-368	proteomics_log	183715	183774	-	5	2	L.ESVVTNKISEIEADLEKLTR.K	24
PLOG-369	proteomics_log	183715	183780	-	5	24	R.HLESVVTNKISEIEADLEKLTR.K	26
PLOG-370	proteomics_log	183715	183798	-	5	28	K.ILDDLRHLESVVTNKISEIEADLEKLTR.K	32
PLOG-371	proteomics_log	183715	183801	-	5	2	R.KILDDLRHLESVVTNKISEIEADLEKLTR.K	33
PLOG-372	proteomics_log	183724	183753	-	5	5	K.ISEIEADLEK.L	14
PLOG-373	proteomics_log	183724	183780	-	5	7	R.HLESVVTNKISEIEADLEK.L	23
PLOG-374	proteomics_log	183724	183798	-	5	43	K.ILDDLRHLESVVTNKISEIEADLEK.L	29
PLOG-375	proteomics_log	183724	183801	-	5	5	R.KILDDLRHLESVVTNKISEIEADLEK.L	30
PLOG-376	proteomics_log	183754	183780	-	5	22	R.HLESVVTNK.I	13
PLOG-377	proteomics_log	183754	183801	-	5	3	R.KILDDLRHLESVVTNK.I	20
PLOG-378	proteomics_log	183828	183893	-	4	2	K.KSRKSARIYGISLMSLIKSASV.T	26
PLOG-379	proteomics_log	183865	183930	-	5	57	K.TVVADGVGQGYKEVQEISPNLR.Y	26
PLOG-380	proteomics_log	183865	183933	-	5	21	R.KTVVADGVGQGYKEVQEISPNLR.Y	27
PLOG-381	proteomics_log	183940	183963	-	5	8	K.SVKFKYPR.Q	12
PLOG-382	proteomics_log	183964	184002	-	5	12	K.IYFQKDKGEFFAK.S	17
PLOG-383	proteomics_log	184003	184041	-	5	4	R.YSLRQEANNIDILK.I	17
PLOG-384	proteomics_log	184003	184077	-	5	33	K.SLGITNPEEIDRYSLRQEANNIDILK.I	29
PLOG-385	proteomics_log	184030	184077	-	5	3	K.SLGITNPEEIDRYSLR.Q	20
PLOG-386	proteomics_log	184042	184077	-	5	12	K.SLGITNPEEIDR.Y	16
PLOG-387	proteomics_log	184956	185054	-	4	2	R.RFLQATAATIATSSGFGYMHYCEPGWFELIRHR.L	37
PLOG-388	proteomics_log	185135	185158	-	6	57	K.VGINELLR.T	12
PLOG-389	proteomics_log	185135	185164	-	6	162	R.GKVGINELLR.T	14
PLOG-390	proteomics_log	185135	185170	-	6	141	K.TRGKVGINELLR.T	16
PLOG-391	proteomics_log	185216	185269	-	6	10	R.VPAGSVVVSIGNLPSKDGK.Y	22
PLOG-392	proteomics_log	185216	185308	-	6	7	R.IYDRETGEIHYGRVPAGSVVVSIGNLPSKDGK.Y	35
PLOG-393	proteomics_log	185270	185308	-	6	5	R.IYDRETGEIHYGR.V	17
PLOG-394	proteomics_log	185387	185485	-	6	2	K.NVHLSGGVGIGGVLEPLQANPTIIEDNCFIAR.S	37
PLOG-395	proteomics_log	185591	185656	-	6	2	R.FQKEGFRVPPAAVRQGAFIAR.N	26
PLOG-396	proteomics_log	185612	185647	-	6	5	K.EGFRVPPAAVR.Q	16
PLOG-397	proteomics_log	185612	185656	-	6	121	R.FQKEGFRVPPAAVR.Q	19
PLOG-398	proteomics_log	185636	185704	-	6	2	R.YFDKVP*KFADYDEARFQKEGFR.V	28
PLOG-399	proteomics_log	185657	185680	-	6	18	K.FADYDEAR.F	12
PLOG-400	proteomics_log	185657	185704	-	6	3	R.YFDKVP*KFADYDEAR.F	21
PLOG-401	proteomics_log	185657	185704	-	6	90	R.YFDKVP*KFADYDEAR.F	20
PLOG-402	proteomics_log	185681	185704	-	6	5	R.YFDKVP*K.F	13
PLOG-403	proteomics_log	185681	185704	-	6	91	R.YFDKVP*K.F	12
PLOG-404	proteomics_log	185705	185743	-	6	212	R.INDNQVIEGAESR.Y	17
PLOG-405	proteomics_log	185705	185767	-	6	4	K.KAVLLSFRINDNQVIEGAESR.Y	25
PLOG-406	proteomics_log	185744	185767	-	6	21	K.KAVLLSFR.I	12
PLOG-407	proteomics_log	185765	185815	-	6	42	R.VAEKIDGQVWVTHQWLKK.A	21
PLOG-408	proteomics_log	185765	185863	-	6	6	R.EAVNQVIALLDGALRVAEKIDGQVWVTHQWLKK.A	37
PLOG-409	proteomics_log	185768	185803	-	6	6	K.IDGQVWVTHQWLK.K	16

PLOG-410	proteomics_log	185768	185815	-	6	79	R.VAEKIDGQWVTHQWLK.K	20
PLOG-411	proteomics_log	185768	185863	-	6	16	R.EAVNQVIALLD SGALRVAEKIDGQWVTHQWLK.K	36
PLOG-412	proteomics_log	185804	185905	-	6	5	R.RAEITPANADTVTREAVNQVIALLD SGALRVAEK.I	38
PLOG-413	proteomics_log	185816	185863	-	6	337	R.EAVNQVIALLD SGALR.V	20
PLOG-414	proteomics_log	185816	185902	-	6	94	R.AEITPANADTVTREAVNQVIALLD SGALR.V	33
PLOG-415	proteomics_log	185816	185905	-	6	153	R.RAEITPANADTVTREAVNQVIALLD SGALR.V	34
PLOG-416	proteomics_log	185816	185947	-	6	4	T.M*QQLQNIETAFERRAEITPANADTVTREAVNQVIALLD SGALR.V	49
PLOG-417	proteomics_log	185864	185902	-	6	48	R.AEITPANADTVTR.E	17
PLOG-418	proteomics_log	185864	185905	-	6	234	R.RAEITPANADTVTR.E	18
PLOG-419	proteomics_log	185903	185947	-	6	2	T.M*QQLQNIETAFERR.A	20
PLOG-420	proteomics_log	185906	185947	-	6	25	T.M*QQLQNIETAFER.R	19
PLOG-421	proteomics_log	185906	185947	-	6	358	T.MQQLQNIETAFER.R	18
PLOG-422	proteomics_log	188715	188750	-	4	3	K.DDTIPAIISHDE.-	16
PLOG-423	proteomics_log	188715	188753	-	4	9	R.KDDTIPAIISHDE.-	17
PLOG-424	proteomics_log	188823	188861	-	4	2	R.TM*KDGTWVTKKDR.S	18
PLOG-425	proteomics_log	188823	188861	-	4	6	R.TMKDGTWVTKKDR.S	17
PLOG-426	proteomics_log	188862	188939	-	4	2	R.ETNVVLKPGMTFTIEPM*VNAGKKEIR.T	31
PLOG-427	proteomics_log	188862	188939	-	4	58	R.ETNVVLKPGMTFTIEPMVNAGKKEIR.T	30
PLOG-428	proteomics_log	188871	188939	-	4	8	R.ETNVVLKPGMTFTIEPMVNAGKK.E	27
PLOG-429	proteomics_log	188874	188939	-	4	6	R.ETNVVLKPGMTFTIEPMVNAGK.K	26
PLOG-430	proteomics_log	188940	188981	-	4	25	R.GFHEEPQVLHYDSR.E	18
PLOG-431	proteomics_log	189009	189041	-	4	43	K.FVEAEGFSVVR.E	15
PLOG-432	proteomics_log	189009	189065	-	4	50	R.EIGAAIQKFVEAEGFSVVR.E	23
PLOG-433	proteomics_log	189009	189092	-	4	10	R.M*VKPGINLREIGAAIQKFVEAEGFSVVR.E	33
PLOG-434	proteomics_log	189009	189092	-	4	82	R.MVKPGINLREIGAAIQKFVEAEGFSVVR.E	32
PLOG-435	proteomics_log	189093	189125	-	4	40	R.ITQESLYLALR.M	15
PLOG-436	proteomics_log	189135	189173	-	4	96	K.MFIVGKPTIMGER.L	17
PLOG-437	proteomics_log	189174	189248	-	4	30	K.LLKDGDIVNIDVTVIKDFHGDTSK.M	29
PLOG-438	proteomics_log	189308	189385	-	6	4	S.WIASVMITLLMNNTRFLPASAITAIR.N	30
PLOG-439	proteomics_log	189378	189449	-	4	3	R.LAAEVLEM*IEPYVKPGVSTGELDR.I	29
PLOG-440	proteomics_log	189378	189449	-	4	86	R.LAAEVLEMIEPYVKPGVSTGELDR.I	28
PLOG-441	proteomics_log	189378	189461	-	4	5	R.VAGRLAAEVLEMIEPYVKPGVSTGELDR.I	32
PLOG-442	proteomics_log	189462	189503	-	4	2	M.AISIKTPEDIEKM*R.V	19
PLOG-443	proteomics_log	189462	189503	-	4	151	M.AISIKTPEDIEKMR.V	18
PLOG-444	proteomics_log	189468	189503	-	4	71	M.AISIKTPEDIEK.M	16
PLOG-445	proteomics_log	191004	191045	-	4	19	G.FDHAVSSNVACFFR.C	18
PLOG-446	proteomics_log	192253	192306	-	5	2	R.RQAAESVVKNGLPVPAER.I	22
PLOG-447	proteomics_log	195223	195261	-	5	2	C.KRELKRLVSPPIR.R	17
PLOG-448	proteomics_log	208305	208352	-	4	2	R.ASSISITSRAVILSPP.L	20
PLOG-449	proteomics_log	209278	209307	-	5	6	R.RDNGIGAVLQ.H	14
PLOG-450	proteomics_log	209973	210050	-	4	3	K.IFVGVLTHTNGDIFRLPQRIFKPER.H	30
PLOG-451	proteomics_log	213750	213794	-	4	3	R.KNVEYLVVEAAGETR.E	19
PLOG-452	proteomics_log	213928	213975	-	5	9	K.AAYAAANLLVSDYVNE.-	20
PLOG-453	proteomics_log	213928	213975	-	5	9	K.AAYAAANLLVSDYVNE.-	20
PLOG-454	proteomics_log	213976	214029	-	5	3	K.VLNEMAADDALSEAVREK.A	22
PLOG-455	proteomics_log	214336	214386	-	5	4	R.MARQRQRGIEKLVAVEI.G	21



PLOG-456	proteomics_log	217060	217101	-	5	5	K.TGDIVEYLVKQIKG.-	18
PLOG-457	proteomics_log	217060	217113	-	5	14	K.QLIKTGDIVEYLVKQIKG.-	22
PLOG-458	proteomics_log	217060	217125	-	5	91	R.NGEKQLIKTGDIVEYLVKQIKG.-	26
PLOG-459	proteomics_log	217072	217101	-	5	24	K.TGDIVEYLVK.Q	14
PLOG-460	proteomics_log	217072	217113	-	5	18	K.QLIKTGDIVEYLVK.Q	18
PLOG-461	proteomics_log	217072	217125	-	5	30	R.NGEKQLIKTGDIVEYLVK.Q	22
PLOG-462	proteomics_log	217165	217236	-	5	32	K.ERPGVMFADMELIGIPHTIVLGDR.N	28
PLOG-463	proteomics_log	217237	217272	-	5	29	R.AQGIEVLLDDRK.E	16
PLOG-464	proteomics_log	217273	217311	-	5	13	R.VQELAELKLYSELR.A	17
PLOG-465	proteomics_log	217273	217320	-	5	88	K.SFRVQELAELKLYSELR.A	20
PLOG-466	proteomics_log	217291	217320	-	5	5	K.SFRVQELAELK.L	14
PLOG-467	proteomics_log	217321	217386	-	5	45	R.GIVWPDAIAPFQVAILPMNMHK.S	26
PLOG-468	proteomics_log	217387	217425	-	5	122	R.VVAAAIEQNYDER.G	17
PLOG-469	proteomics_log	217498	217554	-	5	6	R.GIEVGHIFQLGTKYSEALK.A	23
PLOG-470	proteomics_log	217516	217554	-	5	97	R.GIEVGHIFQLGTK.Y	17
PLOG-471	proteomics_log	217516	217557	-	5	2	K.RGIEVGHIFQLGTK.Y	18
PLOG-472	proteomics_log	217570	217611	-	5	175	R.NVVAGDPSPDGQGR.L	18
PLOG-473	proteomics_log	217612	217644	-	5	2	R.DVATPEVADIR.N	15
PLOG-474	proteomics_log	217681	217722	-	5	5	R.TVAAM*SDFAAGANI.D	19
PLOG-475	proteomics_log	217723	217779	-	5	7	K.AGPGSLGPNM*PIPVVIDR.T	24
PLOG-476	proteomics_log	217723	217779	-	5	230	K.AGPGSLGPNM*PIPVVIDR.T	23
PLOG-477	proteomics_log	217792	217842	-	5	2	K.LPQVASPLTFATEEEIR.A	21
PLOG-478	proteomics_log	217792	217851	-	5	9	K.AEKLQVASPLTFATEEEIR.A	24
PLOG-479	proteomics_log	217792	217878	-	5	2	R.GDHELNEVKAELPQVASPLTFATEEEIR.A	33
PLOG-480	proteomics_log	217879	217923	-	5	96	K.AVEGSSFPQVALLVR.G	19
PLOG-481	proteomics_log	217924	217992	-	5	4	K.TIAELVEQFNLPIEKTVKTLVK.A	27
PLOG-482	proteomics_log	217924	218040	-	5	2	R.AAATQEM*TLVDTPNAKTIAELVEQFNLPIEKTVKTLVK.A	44
PLOG-483	proteomics_log	217939	217992	-	5	9	K.TIAELVEQFNLPIEKTVK.T	22
PLOG-484	proteomics_log	217939	218040	-	5	3	R.AAATQEMTLVDTPNAKTIAELVEQFNLPIEKTVK.T	38
PLOG-485	proteomics_log	217948	217992	-	5	254	K.TIAELVEQFNLPIEK.T	19
PLOG-486	proteomics_log	217948	218040	-	5	2	R.AAATQEM*TLVDTPNAKTIAELVEQFNLPIEK.T	36
PLOG-487	proteomics_log	217948	218040	-	5	21	R.AAATQEMTLVDTPNAKTIAELVEQFNLPIEK.T	35
PLOG-488	proteomics_log	217993	218040	-	5	5	R.AAATQEM*TLVDTPNAK.T	21
PLOG-489	proteomics_log	217993	218040	-	5	141	R.AAATQEMTLVDTPNAK.T	20
PLOG-490	proteomics_log	218215	218295	-	5	25	A.YSFHTSQESLQETYDAMYAAYSIFSR.M	31
PLOG-491	proteomics_log	218215	218301	-	5	8	K.DAYSFHTSQESLQETYDAMYAAYSIFSR.M	33
PLOG-492	proteomics_log	218215	218316	-	5	2	R.EFLMKDAYSFHTSQESLQETYDAMYAAYSIFSR.M	38
PLOG-493	proteomics_log	218227	218301	-	5	18	K.DAYSFHTSQESLQETYDAMYAAYSIFSR.M	29
PLOG-494	proteomics_log	218362	218418	-	5	6	R.NELSSYKQLPLNFYQIQTK.F	23
PLOG-495	proteomics_log	218398	218478	-	5	4	R.GERPFVLGPTHEEVITDLIRNELSSYK.Q	31
PLOG-496	proteomics_log	218398	218490	-	5	5	R.FVDRGERPFVLGPTHEEVITDLIRNELSSYK.Q	35
PLOG-497	proteomics_log	218419	218478	-	5	9	R.GERPFVLGPTHEEVITDLIR.N	24
PLOG-498	proteomics_log	218419	218490	-	5	5	R.FVDRGERPFVLGPTHEEVITDLIR.N	28
PLOG-499	proteomics_log	218602	218631	-	5	2	R.VLKKVENIVR.E	14
PLOG-500	proteomics_log	218632	218673	-	5	38	K.LASGLYTWLPTGVR.V	18
PLOG-501	proteomics_log	218632	218676	-	5	106	R.KLASGLYTWLPTGVR.V	19

PLOG-502	proteomics_log	218677	218775	-	5	3	N.M*RTSQYLLSTLKETPADAEVISHQLM*LRAGM*IR.K	40
PLOG-503	proteomics_log	218692	218748	-	5	186	S.TLKETPADAEVISHQLMLR.A	23
PLOG-504	proteomics_log	218692	218769	-	5	3	R.TSQYLLSTLKETPADAEVISHQLM*LR.A	31
PLOG-505	proteomics_log	218692	218769	-	5	193	R.TSQYLLSTLKETPADAEVISHQLMLR.A	30
PLOG-506	proteomics_log	218692	218775	-	5	10	N.MRTSQYLLSTLKETPADAEVISHQLM*LR.A	33
PLOG-507	proteomics_log	218692	218775	-	5	10	N.M*RTSQYLLSTLKETPADAEVISHQLM*LR.A	34
PLOG-508	proteomics_log	218692	218775	-	5	243	N.MRTSQYLLSTLKETPADAEVISHQLMLR.A	32
PLOG-509	proteomics_log	218740	218775	-	5	2	N.M*RTSQYLLSTLK.E	17
PLOG-510	proteomics_log	219702	219728	-	4	3	R.KRMQINASK.M	13
PLOG-511	proteomics_log	220116	220145	-	4	4	K.VFNGGAVKGW.-	14
PLOG-512	proteomics_log	220116	220193	-	4	91	K.FVQAYQSDEVYEAANKVFNGGAVKGW.-	30
PLOG-513	proteomics_log	220116	220196	-	4	4	K.KFVQAYQSDEVYEAANKVFNGGAVKGW.-	31
PLOG-514	proteomics_log	220116	220226	-	4	2	R.EDNKDAENVKKFVQAYQSDEVYEAANKVFNGGAVKGW.-	41
PLOG-515	proteomics_log	220122	220193	-	4	66	K.FVQAYQSDEVYEAANKVFNGGAVK.G	28
PLOG-516	proteomics_log	220122	220196	-	4	5	K.KFVQAYQSDEVYEAANKVFNGGAVK.G	29
PLOG-517	proteomics_log	220146	220193	-	4	21	K.FVQAYQSDEVYEAANK.V	20
PLOG-518	proteomics_log	220194	220226	-	4	3	R.EDNKDAENVKK.F	15
PLOG-519	proteomics_log	220227	220283	-	4	3	K.DGIFVEDKESPYVNLIVTR.E	23
PLOG-520	proteomics_log	220227	220361	-	4	19	R.SLDDAQIALAVINTTYASQIGLTPAKDGIFVEDKESPYVNLIVTR.E	49
PLOG-521	proteomics_log	220284	220361	-	4	4	R.SLDDAQIALAVINTTYASQIGLTPAK.D	30
PLOG-522	proteomics_log	220362	220394	-	4	176	K.IVELEAPQLPR.S	15
PLOG-523	proteomics_log	220362	220403	-	4	13	K.NLKIVELEAPQLPR.S	18
PLOG-524	proteomics_log	220362	220424	-	4	6	L.DVVENPKNLKIVELEAPQLPR.S	25
PLOG-525	proteomics_log	220362	220445	-	4	5	V.GLLPTVLDVVENPKNLKIVELEAPQLPR.S	32
PLOG-526	proteomics_log	220362	220454	-	4	6	K.DGVGLLPTVLDVVENPKNLKIVELEAPQLPR.S	35
PLOG-527	proteomics_log	220362	220460	-	4	77	K.LKDGVGLLPTVLDVVENPKNLKIVELEAPQLPR.S	37
PLOG-528	proteomics_log	220362	220475	-	4	57	K.VGLIKLKDGVGLLPTVLDVVENPKNLKIVELEAPQLPR.S	42
PLOG-529	proteomics_log	220395	220436	-	4	2	L.PTVLDVVENPKNLK.I	18
PLOG-530	proteomics_log	220395	220460	-	4	222	K.LKDGVGLLPTVLDVVENPKNLK.I	26
PLOG-531	proteomics_log	220395	220475	-	4	224	K.VGLIKLKDGVGLLPTVLDVVENPKNLK.I	31
PLOG-532	proteomics_log	220395	220496	-	4	65	R.SLLLLQKVGLIKLKDGVGLLPTVLDVVENPKNLK.I	38
PLOG-533	proteomics_log	220404	220454	-	4	45	K.DGVGLLPTVLDVVENPK.N	21
PLOG-534	proteomics_log	220404	220460	-	4	136	K.LKDGVGLLPTVLDVVENPK.N	23
PLOG-535	proteomics_log	220404	220475	-	4	132	K.VGLIKLKDGVGLLPTVLDVVENPK.N	28
PLOG-536	proteomics_log	220404	220496	-	4	46	R.SLLLLQKVGLIKLKDGVGLLPTVLDVVENPK.N	35
PLOG-537	proteomics_log	220419	220496	-	4	2	R.SLLLLQKVGLIKLKDGVGLLPTVLDV.V	30
PLOG-538	proteomics_log	220461	220496	-	4	96	R.SLLLLQKVGLIK.L	16
PLOG-539	proteomics_log	220497	220562	-	4	227	K.SLDELQDGSQVAVPNDPTNLGR.S	26
PLOG-540	proteomics_log	220497	220568	-	4	7	K.IKSLDELQDGSQVAVPNDPTNLGR.S	28
PLOG-541	proteomics_log	220497	220571	-	4	224	K.KIKSLDELQDGSQVAVPNDPTNLGR.S	29
PLOG-542	proteomics_log	220515	220562	-	4	2	K.SLDELQDGSQVAVPND.P	20
PLOG-543	proteomics_log	220569	220631	-	4	3	R.GYKLVAVGNTFVYPIAGYSK.I	25
PLOG-544	proteomics_log	220572	220619	-	4	3	L.VAVGNTFVYPIAGYSK.K	20
PLOG-545	proteomics_log	220572	220622	-	4	69	K.LVAVGNTFVYPIAGYSK.K	21
PLOG-546	proteomics_log	220572	220625	-	4	5	Y.KLVAVGNTFVYPIAGYSK.K	22
PLOG-547	proteomics_log	220572	220631	-	4	49	R.GYKLVAVGNTFVYPIAGYSK.K	24

PLOG-548	proteomics_log	220632	220694	-	4	17	K.GDIDANAFQHKPYLDQQLKDR.G	25
PLOG-549	proteomics_log	222202	222288	-	5	2	R.RVTELLSLVGLGDKHDSYPSNLSGGQKQR.V	33
PLOG-550	proteomics_log	222355	222402	-	5	8	R.RQIGMIFQHFNLLSSR.T	20
PLOG-551	proteomics_log	222499	222597	-	5	5	R.TIQALNNVSLHVPAGQIYGVIGASGAGKSTLIR.C	37
PLOG-552	proteomics_log	222514	222597	-	5	36	R.TIQALNNVSLHVPAGQIYGVIGASGAGK.S	32
PLOG-553	proteomics_log	222598	222636	-	5	4	K.LSNITKVFHQGTR.T	17
PLOG-554	proteomics_log	222598	222645	-	5	6	S.MIKLSNITKVFHQGTR.T	20
PLOG-555	proteomics_log	241081	241143	-	5	5	N.PVGLLEEALVDVIAADPIHQR.I	25
PLOG-556	proteomics_log	241081	241173	-	5	20	R.GQYLTPSEHNVPVGLLEEALVDVIAADPIHQR.I	35
PLOG-557	proteomics_log	241081	241182	-	5	16	R.IGRGQYLTPSEHNVPVGLLEEALVDVIAADPIHQR.I	38
PLOG-558	proteomics_log	241081	241188	-	5	2	R.SRIGRGQYLTPSEHNVPVGLLEEALVDVIAADPIHQR.I	40
PLOG-559	proteomics_log	241948	242046	-	5	2	R.IAGNAYVMDAAASLITYGIMLGEKPAVLSAIVK.Y	37
PLOG-560	proteomics_log	242422	242469	-	5	2	R.YITLAPIATVLGLAFK.L	20
PLOG-561	proteomics_log	246398	246448	-	6	2	Q.AADVLAGMGLTISDLVR.I	21
PLOG-562	proteomics_log	246398	246472	-	6	8	R.IDEDLKNQAADVLAGMGLTISDLVR.I	29
PLOG-563	proteomics_log	246398	246478	-	6	42	R.ARIDEDLKNQAADVLAGMGLTISDLVR.I	31
PLOG-564	proteomics_log	254538	254621	-	4	3	R.SLIDSGKDYVVSMLDSLGLAGAKTEAK.G	33
PLOG-565	proteomics_log	254538	254621	-	4	114	R.SLIDSGKDYVVSMLDSLGLAGAKTEAK.G	32
PLOG-566	proteomics_log	254550	254621	-	4	44	R.SLIDSGKDYVVSMLDSLGLAGAK.T	28
PLOG-567	proteomics_log	254565	254621	-	4	114	R.SLIDSGKDYVVSMLDSLGL.L	23
PLOG-568	proteomics_log	254718	254750	-	4	9	R.LLNATPNGVIR.N	15
PLOG-569	proteomics_log	254772	254828	-	4	32	K.NLALLLDSVANDKAALIAK.S	23
PLOG-570	proteomics_log	254772	254858	-	4	17	I.LKNELAEKEKNLALLLDSVANDKAALIAK.S	33
PLOG-571	proteomics_log	254772	254885	-	4	16	K.SLVNTYQEILKNELAEKEKNLALLLDSVANDKAALIAK.S	42
PLOG-572	proteomics_log	254829	254885	-	4	3	K.SLVNTYQEILKNELAEKEK.N	23
PLOG-573	proteomics_log	254886	254936	-	4	37	R.EAFATIAVAADKVDVLK.S	21
PLOG-574	proteomics_log	254886	254951	-	4	12	R.NAIPREAFATIAVAADKVDVLK.S	26
PLOG-575	proteomics_log	254952	254981	-	4	7	R.LIDFNGGTLR.N	14
PLOG-576	proteomics_log	254952	255017	-	4	13	R.FLAGHAEELDLRLIDFNGGTLR.N	26
PLOG-577	proteomics_log	254982	255017	-	4	46	R.FLAGHAEELDLR.L	16
PLOG-578	proteomics_log	255030	255089	-	4	3	K.GLKGGHSGGEIHVGLGNANK.L	24
PLOG-579	proteomics_log	255513	255542	-	4	21	R.KPATAGMENR.K	14
PLOG-580	proteomics_log	255543	255587	-	4	2	K.GFHVERDQVGNILIR.K	19
PLOG-581	proteomics_log	255594	255662	-	4	2	K.ICSIHPHSYHEEQLAEYIVGWAK.E	27
PLOG-582	proteomics_log	255663	255713	-	4	249	V.SELSLSQPQLWDIFAK.I	21
PLOG-583	proteomics_log	259232	259261	-	6	20	A.AEIYNKDGNK.L	14
PLOG-584	proteomics_log	259232	259261	-	6	20	A.AEIYNKDGNK.L	14
PLOG-585	proteomics_log	263154	263201	-	4	2	R.EITLRLGARLVQEGNR.L	20
PLOG-586	proteomics_log	265225	265320	-	5	2	K.ETRM*TILSLSRFMLAGVLLASFNASAIPGFWQ.Q	37
PLOG-587	proteomics_log	269529	269570	-	4	2	G.VVLVNDQLSGFAFK.L	18
PLOG-588	proteomics_log	275107	275130	-	5	2	C.RDITQPRR.G	12
PLOG-589	proteomics_log	283885	283938	-	5	11	P.DGPPPIITTMISPECTISSR.L	22
PLOG-590	proteomics_log	286172	286252	-	6	3	V.GVAQARRPDAAGVRVALHVQHRHAVQR.G	31
PLOG-591	proteomics_log	288528	288569	-	4	3	R.MHTIKAVMMATLGE.-	18
PLOG-592	proteomics_log	288570	288656	-	4	2	K.EFDLHGGM*EVTDEVFESAASIVFDQAENR.M	34
PLOG-593	proteomics_log	288570	288656	-	4	10	K.EFDLHGGMEVTDEVFESAASIVFDQAENR.M	33

PLOG-594	proteomics_log	288720	288773	-	4	16	R.GYQVNAQMMALTDNPNVK.F	22
PLOG-595	proteomics_log	288720	288788	-	4	5	R.IALLRGYQVNAQMMALTDNPNVK.F	27
PLOG-596	proteomics_log	288975	289031	-	4	4	R.NNM*GNSM*LEAAALTGLDLR.L	25
PLOG-597	proteomics_log	288975	289031	-	4	6	R.NNM*GNSMLEAAAALTGLDLR.L	24
PLOG-598	proteomics_log	288975	289031	-	4	214	R.NNMGNSMLEAAAALTGLDLR.L	23
PLOG-599	proteomics_log	288975	289031	-	4	4	R.NNM*GNSM*LEAAALTGLDLR.L	25
PLOG-600	proteomics_log	288975	289031	-	4	6	R.NNM*GNSMLEAAAALTGLDLR.L	24
PLOG-601	proteomics_log	288975	289031	-	4	214	R.NNMGNSMLEAAAALTGLDLR.L	23
PLOG-602	proteomics_log	289032	289073	-	4	26	K.AFNEMTLVYAGDAR.N	18
PLOG-603	proteomics_log	289032	289073	-	4	26	K.AFNEMTLVYAGDAR.N	18
PLOG-604	proteomics_log	289209	289232	-	4	12	R.MYDGIQYR.G	12
PLOG-605	proteomics_log	289209	289232	-	4	12	R.MYDGIQYR.G	12
PLOG-606	proteomics_log	289245	289310	-	4	74	R.VTYLGPSPGSQIGHKESIKDTAR.V	26
PLOG-607	proteomics_log	289245	289310	-	4	74	R.VTYLGPSPGSQIGHKESIKDTAR.V	26
PLOG-608	proteomics_log	289269	289310	-	4	3	R.VTYLGPSPGSQIGHK.E	18
PLOG-609	proteomics_log	289269	289310	-	4	3	R.VTYLGPSPGSQIGHK.E	18
PLOG-610	proteomics_log	289356	289391	-	4	115	K.NIALIFEKDSTR.T	16
PLOG-611	proteomics_log	289356	289391	-	4	115	K.NIALIFEKDSTR.T	16
PLOG-612	proteomics_log	289392	289496	-	4	3	K.LLDFTPAQFTSLLTLAAQLKADKKNKEVQKLTGK.N	39
PLOG-613	proteomics_log	289437	289496	-	4	74	K.LLDFTPAQFTSLLTLAAQLK.A	24
PLOG-614	proteomics_log	289497	289526	-	4	16	M.SDLYKKHFLK.L	14
PLOG-615	proteomics_log	297543	297572	-	4	9	S.AQPLLAVLNR.L	14
PLOG-616	proteomics_log	299207	299290	-	6	2	C.VSVPTRAGKSPLSHM*KAGLETCPAARRK.R	33
PLOG-617	proteomics_log	300422	300475	-	6	2	L.IVAVTLPPPLGGKHIYRK.V	22
PLOG-618	proteomics_log	306574	306678	-	5	7	S.GTLNVNSAADGYVNTNLTANGSVGWQGNIAASGR.T	39
PLOG-619	proteomics_log	309815	309901	-	6	2	R.NAMKKKVLAIALVTVFTGMGVAQAADVTA.Q	33
PLOG-620	proteomics_log	311613	311633	-	4	4	R.FKAVQGR.K	11
PLOG-621	proteomics_log	311706	311738	-	4	2	V.MKVLNSLR TAK.E	15
PLOG-622	proteomics_log	311706	311738	-	4	2	V.MKVLNSLR TAK.E	15
PLOG-623	proteomics_log	311741	311764	-	6	19	R.FVSTKKGA.-	12
PLOG-624	proteomics_log	311777	311815	-	6	2	R.TVASEGNVARFTQ.R	17
PLOG-625	proteomics_log	311786	311815	-	6	88	R.TVASEGNVAR.F	14
PLOG-626	proteomics_log	311786	311821	-	6	125	K.LRTVASEGNVAR.F	16
PLOG-627	proteomics_log	311816	311929	-	6	4	K.IGSTIKTDREIELDGVTYPYVTIDVSSKSHPFYTGKLR.T	42
PLOG-628	proteomics_log	311822	311845	-	6	10	K.SHPFYTGK.L	12
PLOG-629	proteomics_log	311846	311902	-	6	3	R.EIELDGVTYPYVTIDVSSK.S	23
PLOG-630	proteomics_log	311846	311911	-	6	3	K.TDREIELDGVTYPYVTIDVSSK.S	26
PLOG-631	proteomics_log	311846	311929	-	6	77	K.IGSTIKTDREIELDGVTYPYVTIDVSSK.S	32
PLOG-632	proteomics_log	311903	311929	-	6	15	K.IGSTIKTDR.E	13
PLOG-633	proteomics_log	311912	311971	-	6	7	R.TVVFHDTSVDEYFKIGSTIK.T	24
PLOG-634	proteomics_log	311930	311971	-	6	32	R.TVVFHDTSVDEYFK.I	18
PLOG-635	proteomics_log	311972	311995	-	6	2	K.PNIHPEYR.T	12
PLOG-636	proteomics_log	311972	311998	-	6	2	M.KPNIHPEYR.T	13
PLOG-637	proteomics_log	311972	312001	-	6	4	M.M*KPNIHPEYR.T	15
PLOG-638	proteomics_log	311972	312001	-	6	14	M.MKPNIHPEYR.T	14
PLOG-639	proteomics_log	328265	328297	-	6	2	R.LQAIVGGNFDE.T	15

PLOG-640	proteomics_log	336599	336649	-	6	3	R.NAAAKFMNADAQLLTAG.A	21
PLOG-641	proteomics_log	337088	337123	-	6	2	R.IGLNVAVDIAMF.F	16
PLOG-642	proteomics_log	337178	337195	-	6	9	G.EVVIK.V	10
PLOG-643	proteomics_log	346638	346700	-	4	2	R.CFWMRLAKCRYLCRPGCCGCW.K	25
PLOG-644	proteomics_log	349756	349824	-	5	4	R.TAPARYASPFPSFAMAFRRAADA.G	27
PLOG-645	proteomics_log	361549	361599	-	5	4	G.ELLNASIM*FFAPLIINR.I	22
PLOG-646	proteomics_log	366636	366668	-	4	3	R.VVNQASHVSAK.T	15
PLOG-647	proteomics_log	377713	377835	-	5	18	R.SQLPGMVEDAMKGDIDLEPFVTHMSLDEINDAFDLMHEGK.S	45
PLOG-648	proteomics_log	377875	377958	-	5	8	R.GWGQSVIIGVAVAGQEISTRPFQLVTGR.V	32
PLOG-649	proteomics_log	377959	377982	-	5	2	R.AALESAHR.G	12
PLOG-650	proteomics_log	378112	378156	-	5	5	R.IIAIDTNPKKFDLAR.R	19
PLOG-651	proteomics_log	378175	378246	-	5	20	K.VQPGDSVAVFGLGAIGLAVVQGAR.Q	28
PLOG-652	proteomics_log	378845	378886	-	6	2	R.EVSQSVDDTIELVR.A	18
PLOG-653	proteomics_log	378920	378997	-	6	2	R.AILQQIAAVRGAANGLMAEVLESHIR.E	30
PLOG-654	proteomics_log	378968	378997	-	6	3	R.AILQQIAAVR.G	14
PLOG-655	proteomics_log	387980	388042	-	6	4	R.AGADLIFSYPALDLAEKKILR.-	25
PLOG-656	proteomics_log	387989	388042	-	6	12	R.AGADLIFSYPALDLAEKK.I	22
PLOG-657	proteomics_log	387989	388045	-	6	17	K.RAGADLIFSYPALDLAEKK.I	23
PLOG-658	proteomics_log	387992	388042	-	6	13	R.AGADLIFSYPALDLAEK.K	21
PLOG-659	proteomics_log	388007	388042	-	6	2	R.AGADLIFSYPAL.D	16
PLOG-660	proteomics_log	388043	388111	-	6	143	K.FAALAGAIDEEKVVLESLSIKR.A	27
PLOG-661	proteomics_log	388046	388111	-	6	15	K.FAALAGAIDEEKVVLESLSIKR.R	26
PLOG-662	proteomics_log	388112	388165	-	6	3	R.TELPIGAYQVSGEYAMIK.F	22
PLOG-663	proteomics_log	388181	388270	-	6	2	R.EAIRELLDEAQGADCLMVKPAGAYLDIVR.E	34
PLOG-664	proteomics_log	388301	388366	-	6	2	K.FASSFYGPFREAGSALKGDRK.S	26
PLOG-665	proteomics_log	388304	388336	-	6	2	R.EAAGSALKGDR.K	15
PLOG-666	proteomics_log	388649	388729	-	6	18	R.SVMTFGISHHTDETGSDAWREDGLVAR.M	31
PLOG-667	proteomics_log	388787	388897	-	6	52	R.AMFEETTLNLNDLVLPFVEEIDDYKAVEAMPGVMR.I	41
PLOG-668	proteomics_log	395874	395972	-	4	5	I.RATQSPPPACQKITAINAQTKAERKNVPGFGKK.D	37
PLOG-669	proteomics_log	399056	399088	-	6	3	R.HAADNALKTTM*.-	16
PLOG-670	proteomics_log	399113	399157	-	6	5	K.LWQASGLGYTDLITR.L	19
PLOG-671	proteomics_log	399158	399247	-	6	6	R.VDVFLTPEVEVINEINTLPGFTNISM*YPK.L	35
PLOG-672	proteomics_log	399158	399247	-	6	17	R.VDVFLTPEVEVINEINTLPGFTNISMYPK.L	34
PLOG-673	proteomics_log	399617	399658	-	6	3	R.ANRHNISFAEVESK.L	18
PLOG-674	proteomics_log	399659	399700	-	6	6	R.DAGLNIAPFITLTR.A	18
PLOG-675	proteomics_log	400073	400108	-	6	14	K.SAEHEVSLQSAK.N	16
PLOG-676	proteomics_log	403397	403447	-	6	3	H.HSSGALLNDTVMPVSSR.V	21
PLOG-677	proteomics_log	404095	404121	-	5	14	R.AAVIEAMTK.C	13
PLOG-678	proteomics_log	404230	404262	-	5	6	K.FAAQAVMGSAK.M	15
PLOG-679	proteomics_log	404230	404277	-	5	16	R.AQAYKFAAQAVMGSAK.M	20
PLOG-680	proteomics_log	404413	404517	-	5	3	R.AM*PNTPALVNAGM*TSVTPNALVTPEDTADVLNIFR.C	41
PLOG-681	proteomics_log	404413	404517	-	5	61	R.AMPNTPALVNAGMTSVTPNALVTPEDTADVLNIFR.C	39
PLOG-682	proteomics_log	404635	404724	-	5	2	Q.FGINAAESAQVEVAQIADIIFAAVKPGIMIK.V	34
PLOG-683	proteomics_log	404635	404745	-	5	5	K.VAALHDQFGINAESAQVEVAQIADIIFAAVKPGIMIK.V	41
PLOG-684	proteomics_log	408620	408700	-	6	45	R.SGSAAQGFQLLDEAELKSLLEDGGVIR.A	31
PLOG-685	proteomics_log	408650	408700	-	6	5	R.SGSAAQGFQLLDEAELK.S	21

PLOG-686	proteomics_log	408701	408775	-	6	2	K.SLGSLPVVPLSM*ENPIELTLEWVR.S	30
PLOG-687	proteomics_log	408701	408775	-	6	75	K.SLGSLPVVPLSMENPIELTLEWVR.S	29
PLOG-688	proteomics_log	408701	408778	-	6	33	R.KSLGSLPVVPLSMENPIELTLEWVR.S	30
PLOG-689	proteomics_log	408776	408808	-	6	3	K.KAEDTLALLRK.S	15
PLOG-690	proteomics_log	408950	408982	-	6	2	K.IAKLEAEQARK.L	15
PLOG-691	proteomics_log	408953	408982	-	6	30	K.IAKLEAEQAR.K	14
PLOG-692	proteomics_log	428568	428660	-	4	8	R.VPTIAVNIDVATPIPVVIANPLIAPVPTAYR.M	35
PLOG-693	proteomics_log	430923	430970	-	4	4	K.GIWNHGSPLFMEIEPR.F	20
PLOG-694	proteomics_log	431094	431171	-	4	2	A.AENDKPQYLSDWVHQSVMVGSYHTR.F	30
PLOG-695	proteomics_log	431510	431557	-	6	2	R.HSTCYAVNVFRDDFVR.P	20
PLOG-696	proteomics_log	436128	436193	-	4	4	R.LPHIQNTENHKPGGNLPVIGR.Q	26
PLOG-697	proteomics_log	436496	436564	-	6	11	R.AQVALAWLLSKPGIAAPIIGTSR.E	27
PLOG-698	proteomics_log	436565	436600	-	6	6	R.LTGVSEELGATR.A	16
PLOG-699	proteomics_log	436601	436672	-	6	3	R.LVSDEVGKNLYKESDENDAQIAER.L	28
PLOG-700	proteomics_log	436919	436975	-	6	20	R.WDYNTPIEETLEALNDVVK.A	23
PLOG-701	proteomics_log	436919	437014	-	6	2	R.LGMDYVDILQIHRWDYNTPIEETLEALNDVVK.A	36
PLOG-702	proteomics_log	437054	437083	-	6	8	R.VGDLPEGLSR.A	14
PLOG-703	proteomics_log	437096	437122	-	6	23	R.REDVVVATK.V	13
PLOG-704	proteomics_log	437144	437221	-	6	5	R.ALEGGINFFDTANSYSDGSSEEIVGR.A	30
PLOG-705	proteomics_log	437803	437886	-	5	4	K.LAILNFGTLMPEAAKVAESLNATLVDNR.F	32
PLOG-706	proteomics_log	437842	437886	-	5	3	K.LAILNFGTLMPEAAK.V	19
PLOG-707	proteomics_log	438142	438207	-	5	6	R.AYDQVLHDVAIQKLPVFAIDR.A	26
PLOG-708	proteomics_log	438601	438699	-	5	2	K.GMVVPGTLFEELGFNYIGPVDGHDVGLITTLK.N	37
PLOG-709	proteomics_log	439435	439500	-	5	20	K.QLAEQSLDTSALEALADYIIQR.N	26
PLOG-710	proteomics_log	439435	439512	-	5	16	R.QLKQLAEQSLDTSALEALADYIIQR.N	30
PLOG-711	proteomics_log	439435	439533	-	5	64	R.DLIDDARQSLKQLAEQSLDTSALEALADYIIQR.N	37
PLOG-712	proteomics_log	439546	439632	-	5	4	D.TATLGKRQGADQQLGKSTYPALLGLEQAR.K	33
PLOG-713	proteomics_log	439612	439716	-	5	31	R.ALPVLDKYAESIGLAFQVQDDILDVVGDATLGKR.Q	39
PLOG-714	proteomics_log	439615	439716	-	5	5	R.ALPVLDKYAESIGLAFQVQDDILDVVGDATLGK.R	38
PLOG-715	proteomics_log	439720	439752	-	5	13	R.LGALSAGDKGR.R	15
PLOG-716	proteomics_log	439912	440013	-	5	7	K.FGEANAILAGDALQTLAFSILSDADM*PEVSDRDR.I	39
PLOG-717	proteomics_log	439912	440013	-	5	32	K.FGEANAILAGDALQTLAFSILSDADMPEVSDRDR.I	38
PLOG-718	proteomics_log	440191	440265	-	5	27	R.FIAPLPFQNTPVVETMRYGALLGGK.R	29
PLOG-719	proteomics_log	440224	440265	-	5	3	R.FIAPLPFQNTPVVE.T	18
PLOG-720	proteomics_log	440328	440390	-	4	6	R.VQILLSDNEDASLTPFTPDNE.-	25
PLOG-721	proteomics_log	440391	440426	-	4	4	R.QGQAKLQQAQR.V	16
PLOG-722	proteomics_log	440427	440528	-	4	14	K.ALSELEQIVTRLESGDLPLEEALNEFERGVQLAR.Q	38
PLOG-723	proteomics_log	440445	440495	-	4	110	R.LESGDLPLEEALNEFER.G	21
PLOG-724	proteomics_log	440445	440528	-	4	153	K.ALSELEQIVTRLESGDLPLEEALNEFER.G	32
PLOG-725	proteomics_log	440496	440528	-	4	12	K.ALSELEQIVTR.L	15
PLOG-726	proteomics_log	440496	440564	-	4	23	M.PKKNEAPASFEKALSELEQIVTR.L	27
PLOG-727	proteomics_log	440529	440564	-	4	17	M.PKKNEAPASFEK.A	16
PLOG-728	proteomics_log	442365	442412	-	4	19	K.LLTSQGPATIDFLK.I	20
PLOG-729	proteomics_log	442635	442709	-	4	10	K.LLADAPLVEVADGEYDVIVLPGGIK.G	29
PLOG-730	proteomics_log	443268	443315	-	4	65	R.HGNRTGITVIWRIFCK.P	20
PLOG-731	proteomics_log	448183	448254	-	5	10	R.TLEWATSSPPPFYNFAVVPVHER.D	28

PLOG-732	proteomics_log	449890	449976	-	5	101	K.SMDMTQPEGEHSAHEGMEGMDMSHAESA.-	33
PLOG-733	proteomics_log	449977	450075	-	5	9	K.LAAPSEYNQVEYFSNVKPDFADVINKFM*AHGK.S	38
PLOG-734	proteomics_log	449977	450075	-	5	230	K.LAAPSEYNQVEYFSNVKPDFADVINKFMAHGK.S	37
PLOG-735	proteomics_log	449995	450075	-	5	26	K.LAAPSEYNQVEYFSNVKPDFADVINK.F	31
PLOG-736	proteomics_log	450076	450117	-	5	4	K.QSPNTM*SDM*AAFEK.L	20
PLOG-737	proteomics_log	450076	450117	-	5	12	K.QSPNTMSDM*AAFEK.L	19
PLOG-738	proteomics_log	450076	450117	-	5	178	K.QSPNTMSDMAAFEK.L	18
PLOG-739	proteomics_log	450076	450123	-	5	3	K.AKQSPNTM*SDM*AAFEK.L	22
PLOG-740	proteomics_log	450076	450123	-	5	27	K.AKQSPNTMSDMAAFEK.L	20
PLOG-741	proteomics_log	450123	450164	-	4	3	L.QHRIAPHSTSGSQK.R	18
PLOG-742	proteomics_log	450124	450150	-	5	15	R.AAFDQWVAK.A	13
PLOG-743	proteomics_log	450124	450171	-	5	34	K.AIATPDRAAFDQWVAK.A	20
PLOG-744	proteomics_log	450151	450177	-	5	7	K.FKAIATPDR.A	13
PLOG-745	proteomics_log	450172	450258	-	5	4	R.LHLIANEPGTYDGISASYSGPGFSGMKFK.A	33
PLOG-746	proteomics_log	450178	450258	-	5	2	R.LHLIANEPGTYDGISASYSGPGFSGM*K.F	32
PLOG-747	proteomics_log	450178	450258	-	5	34	R.LHLIANEPGTYDGISASYSGPGFSGMK.F	31
PLOG-748	proteomics_log	452816	452911	-	6	22	K.NIADAVNSVLTDTIADMSQDTSIHEFIKQNR.-	36
PLOG-749	proteomics_log	452828	452911	-	6	25	K.NIADAVNSVLTDTIADMSQDTSIHEFIK.Q	32
PLOG-750	proteomics_log	453032	453118	-	6	47	R.GYMGVGNPVPNLQIIVSQLYADVSQGNVR.Y	33
PLOG-751	proteomics_log	453119	453160	-	6	7	R.FLLQEVLEKQMTAR.G	18
PLOG-752	proteomics_log	453134	453160	-	6	27	R.FLLQEVLEK.Q	13
PLOG-753	proteomics_log	453170	453202	-	6	3	R.DNQIVTLTASR.D	15
PLOG-754	proteomics_log	458696	458728	-	6	2	S.RSISDSIIAIR.Y	15
PLOG-755	proteomics_log	464475	464543	-	4	8	R.DSIPVPDYEPADGIPNTFVPGR.N	27
PLOG-756	proteomics_log	464544	464603	-	4	13	R.AHKVLDVTLNLAVALSSLTR.D	24
PLOG-757	proteomics_log	474317	474367	-	6	6	K.NLLTLLNLEKIEEGLFR.G	21
PLOG-758	proteomics_log	474317	474382	-	6	2	M.SQALKNLLTLLNLEKIEEGLFR.G	26
PLOG-759	proteomics_log	474338	474382	-	6	2	M.SQALKNLLTLLNLEK.I	19
PLOG-760	proteomics_log	478609	478650	-	5	3	K.DVPDNNVVGGNPAR.I	18
PLOG-761	proteomics_log	482851	482910	-	5	2	R.LTSTEEFGKILLKVNQDGSR.V	24
PLOG-762	proteomics_log	483004	483072	-	5	2	R.IWMNPNELNKFQLTVPVDVITAIK.A	27
PLOG-763	proteomics_log	483653	483721	-	6	138	K.AQEVADNNQQAASGAQPEQSKS.-	27
PLOG-764	proteomics_log	483656	483721	-	6	14	K.AQEVADNNQQAASGAQPEQSK.S	26
PLOG-765	proteomics_log	483722	483781	-	6	12	K.AGDRVVISGLQKVRPGVQVK.A	24
PLOG-766	proteomics_log	483746	483769	-	6	4	R.VVISGLQK.V	12
PLOG-767	proteomics_log	483746	483781	-	6	19	K.AGDRVVISGLQK.V	16
PLOG-768	proteomics_log	483890	483961	-	6	5	R.ARLEEGLNPNAILVPQQGVTRTPR.G	28
PLOG-769	proteomics_log	483899	483961	-	6	54	R.ARLEEGLNPNAILVPQQGVTR.T	25
PLOG-770	proteomics_log	483962	484012	-	6	2	R.AIFPNPDHTLLPGM*FVR.A	22
PLOG-771	proteomics_log	483962	484012	-	6	254	R.AIFPNPDHTLLPGMFVR.A	21
PLOG-772	proteomics_log	483962	484039	-	6	2	D.QTTGSITLRAIFPNPDHTLLPGMFVR.A	30
PLOG-773	proteomics_log	484115	484168	-	6	13	R.LKQELANGTLKQENGKAK.V	22
PLOG-774	proteomics_log	484121	484168	-	6	14	R.LKQELANGTLKQENGK.A	20
PLOG-775	proteomics_log	484169	484285	-	6	6	K.SNVTEGALVQNGQATALATVQQLDPIYVDVTQSSNDFLR.L	43
PLOG-776	proteomics_log	484169	484294	-	6	13	R.IGKSNVTEGALVQNGQATALATVQQLDPIYVDVTQSSNDFLR.L	46
PLOG-777	proteomics_log	484295	484339	-	6	46	R.INLAYTKVTSPISGR.I	19

PLOG-778	proteomics_log	484319	484339	-	6	5	R.INLAYTK.V	11
PLOG-779	proteomics_log	484319	484339	-	6	5	R.INLAYTK.V	11
PLOG-780	proteomics_log	484340	484450	-	6	8	K.LLGTQYISKQEYDQALADAQQANAAVTAAKAAVETAR.I	41
PLOG-781	proteomics_log	484361	484423	-	6	2	K.QEYDQALADAQQANAAVTAAK.A	25
PLOG-782	proteomics_log	484361	484450	-	6	153	K.LLGTQYISKQEYDQALADAQQANAAVTAAK.A	34
PLOG-783	proteomics_log	484460	484501	-	6	8	K.AQAAANIAQLTVNR.Y	18
PLOG-784	proteomics_log	484607	484651	-	6	126	R.IAEVRPQVSGIILKR.N	19
PLOG-785	proteomics_log	484610	484651	-	6	17	R.IAEVRPQVSGIILK.R	18
PLOG-786	proteomics_log	484667	484705	-	6	2	K.TEPLQITTELPGR.T	17
PLOG-787	proteomics_log	484724	484834	-	6	2	K.NRGFTPLAVVLM*LSGSLALTGCDDKQAQQGGQMPAV.G	42
PLOG-788	proteomics_log	489773	489853	-	6	8	R.HAVEQQQLPQVAWLAEHLAAQLEAIAR.E	31
PLOG-789	proteomics_log	500789	500839	-	6	4	R.TM*LELLETTPPAGEVVTG.-	22
PLOG-790	proteomics_log	500789	500839	-	6	6	R.TMLELLETTPPAGEVVTG.-	21
PLOG-791	proteomics_log	505908	505976	-	4	2	K.RLPTIIDAPAQEFATIYVSGGKR.G	27
PLOG-792	proteomics_log	508300	508341	-	5	5	R.HSLMGVADALAISR.A	18
PLOG-793	proteomics_log	508549	508599	-	5	17	R.LVMLTGDNPPTANAIK.E	21
PLOG-794	proteomics_log	508756	508842	-	5	4	R.GLVSGEAEHALLLGNQALLNEQQVGTK.A	33
PLOG-795	proteomics_log	508906	508950	-	5	8	R.LAAALEQGSSHPLAR.A	19
PLOG-796	proteomics_log	508906	508953	-	5	2	L.RLAAALEQGSSHPLAR.A	20
PLOG-797	proteomics_log	508906	508986	-	5	7	K.TFADVDEAQALRLAAALEQGSSHPLAR.A	31
PLOG-798	proteomics_log	508951	508986	-	5	12	K.TFADVDEAQLR.L	16
PLOG-799	proteomics_log	508987	509064	-	5	14	R.ASTLDTVVFDKGTLTTEGKPVVAVK.T	30
PLOG-800	proteomics_log	509086	509112	-	5	2	R.AAEFGVLVR.D	13
PLOG-801	proteomics_log	509362	509397	-	5	66	R.ASAVGSHTTISR.I	16
PLOG-802	proteomics_log	509560	509601	-	5	7	K.SVPLAEVQPGMLLR.L	18
PLOG-803	proteomics_log	509560	509625	-	5	25	R.LVTDEGEKSVPLAEVQPGMLLR.L	26
PLOG-804	proteomics_log	510211	510255	-	5	14	R.VQNALQSVPGVTQAR.V	19
PLOG-805	proteomics_log	510397	510432	-	5	3	K.QAGYDASVSHPK.A	16
PLOG-806	proteomics_log	512331	512417	-	4	2	R.IGKESYPNTGEERTGAGRRDGNMRRQR.P	33
PLOG-807	proteomics_log	514092	514178	-	4	7	K.VVMMPLEASSLMGSIAGIAELVKDSANKR.T	33
PLOG-808	proteomics_log	514110	514178	-	4	18	K.VVMMPLEASSLMGSIAGIAELVK.D	27
PLOG-809	proteomics_log	517195	517275	-	5	22	R.AIPTVYLFQNGQPVDGFGQPPEAIR.A	31
PLOG-810	proteomics_log	517402	517500	-	5	21	M.SVENIVNINESNLQQVLEQSMTPVLFYFWSER.S	37
PLOG-811	proteomics_log	517723	517788	-	5	5	R.FTDNVNQTQSDKPVENPGIAAR.F	26
PLOG-812	proteomics_log	518864	518911	-	6	6	A.ADTLLILGDSLSAGYR.M	20
PLOG-813	proteomics_log	521317	521340	-	5	6	W.RPVTGDNR.I	12
PLOG-814	proteomics_log	541520	541555	-	6	2	E.RLRHAHTAVDRR.T	16
PLOG-815	proteomics_log	548312	548392	-	6	15	F.AQPAYPNPEHIAVAGHCRDDAACADHR.A	31
PLOG-816	proteomics_log	551509	551565	-	5	5	K.QLFDKLHLPTAPWQLLAER.S	23
PLOG-817	proteomics_log	551566	551637	-	5	2	R.ELARHPAFVNRDVFPIADRRLTQK.Q	28
PLOG-818	proteomics_log	551638	551766	-	5	2	R.QAGEPLGIAVWPVGLDAEPAAVPFQQSVITAEIERWPETALTR.E	47
PLOG-819	proteomics_log	551776	551817	-	5	3	G.MKQVCVLGNGQLGR.M	18
PLOG-820	proteomics_log	551776	551820	-	5	3	C.GMKQVCVLGNGQLGR.M	19
PLOG-821	proteomics_log	551776	551817	-	5	3	G.MKQVCVLGNGQLGR.M	18
PLOG-822	proteomics_log	551776	551820	-	5	3	C.GMKQVCVLGNGQLGR.M	19
PLOG-823	proteomics_log	551826	551864	-	4	17	K.AQTDEVLENPDPR.G	17



PLOG-824	proteomics_log	551826	551867	-	4	19	R.KAQTDEVLENPDPR.G	18
PLOG-825	proteomics_log	551883	551954	-	4	114	K.AGAANAALLAAQILATHDKELHQR.L	28
PLOG-826	proteomics_log	551883	551987	-	4	10	R.GIPVGTLAIGKAGAANAALLAAQILATHDKELHQR.L	39
PLOG-827	proteomics_log	551955	551987	-	4	19	R.GIPVGTLAIGK.A	15
PLOG-828	proteomics_log	551988	552074	-	4	15	K.TLVPVLGVPVQSAALSGVDSLYSIVQM*PR.G	34
PLOG-829	proteomics_log	551988	552074	-	4	287	K.TLVPVLGVPVQSAALSGVDSLYSIVQM*PR.G	33
PLOG-830	proteomics_log	552075	552185	-	4	17	R.TPDKLFSFAESAEEENGYQVIIAGAGGAAHLPGMIAAK.T	41
PLOG-831	proteomics_log	552186	552272	-	4	59	K.SDWATMQFAAEIFEILNVP HHVEVVS AHR.T	33
PLOG-832	proteomics_log	553169	553231	-	6	135	R.SGMHQDVPKEDVIIESVTVSE.-	25
PLOG-833	proteomics_log	553400	553429	-	6	3	K.NTRGTLAMAR.T	14
PLOG-834	proteomics_log	553421	553474	-	6	200	K.ATKEPIKNEANNGLKNTR.G	22
PLOG-835	proteomics_log	553421	553480	-	6	6	K.QKATKEPIKNEANNGLKNTR.G	24
PLOG-836	proteomics_log	553430	553474	-	6	66	K.ATKEPIKNEANNGLK.N	19
PLOG-837	proteomics_log	553475	553531	-	6	2	R.VINGFMIQGGGFEPGM*KQK.A	24
PLOG-838	proteomics_log	553475	553531	-	6	87	R.VINGFMIQGGGFEPGMKQK.A	23
PLOG-839	proteomics_log	553481	553531	-	6	2	R.VINGFM*IQGGGFEPGM*K.Q	23
PLOG-840	proteomics_log	553481	553531	-	6	5	R.VINGFMIQGGGFEPGM*K.Q	22
PLOG-841	proteomics_log	553481	553531	-	6	6	R.VINGFM*IQGGGFEPGMK.Q	22
PLOG-842	proteomics_log	553481	553531	-	6	192	R.VINGFMIQGGGFEPGMK.Q	21
PLOG-843	proteomics_log	553481	553564	-	6	3	R.EGFYNNTIFHRVINGFMIQGGGFEPGMK.Q	32
PLOG-844	proteomics_log	553532	553564	-	6	22	R.EGFYNNTIFHR.V	15
PLOG-845	proteomics_log	553565	553618	-	6	9	K.TFDDKAPETVKNFLDYCR.E	22
PLOG-846	proteomics_log	553586	553618	-	6	14	K.TFDDKAPETVK.N	15
PLOG-847	proteomics_log	553586	553660	-	6	2	K.MVTFHTNHGDIVIKTFDDKAPETVK.N	29
PLOG-848	proteomics_log	553619	553660	-	6	5	K.M*VTFHTNHGDIVIK.T	19
PLOG-849	proteomics_log	553619	553660	-	6	209	K.MVTFHTNHGDIVIK.T	18
PLOG-850	proteomics_log	554037	554138	-	4	3	K.ASKSLCISAIMRSTIATKLSPFSLARLMILSSIS.V	38
PLOG-851	proteomics_log	555688	555750	-	5	26	R.RSPMHWFVRVGFESHPSASVIC.R	25
PLOG-852	proteomics_log	555953	555976	-	6	2	K.VDGAVETR.K	12
PLOG-853	proteomics_log	556299	556373	-	4	30	R.HHVENADLLIVAVGKPGFIPGDWIK.E	29
PLOG-854	proteomics_log	556299	556382	-	4	4	K.NLRHHVENADLLIVAVGKPGFIPGDWIK.E	32
PLOG-855	proteomics_log	556509	556532	-	4	3	R.GIVTLER.Y	12
PLOG-856	proteomics_log	556575	556625	-	4	26	R.IHPDKDVGDFHPYVGR.L	21
PLOG-857	proteomics_log	556638	556766	-	4	100	R.SYDLPETTSEAELLELIDTLNADNTIDGILVQLPLPAGIDNVK.V	47
PLOG-858	proteomics_log	556797	556886	-	4	7	R.IAAGLRAPGLAVVLVGSNPASQIYVASKR.A	34
PLOG-859	proteomics_log	556800	556841	-	4	7	V.GSNPASQIYVASKR.K	18
PLOG-860	proteomics_log	556800	556886	-	4	37	R.IAAGLRAPGLAVVLVGSNPASQIYVASKR.K	33
PLOG-861	proteomics_log	556803	556868	-	4	2	R.APGLAVVLVGSNPASQIYVASK.R	26
PLOG-862	proteomics_log	556803	556886	-	4	173	R.IAAGLRAPGLAVVLVGSNPASQIYVASK.R	32
PLOG-863	proteomics_log	556887	556910	-	4	2	E.VAQKVQAR.I	12
PLOG-864	proteomics_log	556887	556916	-	4	108	R.SEVAQKVQAR.I	14
PLOG-865	proteomics_log	556917	556952	-	4	102	K.IIDGKTIAQQVR.S	16
PLOG-866	proteomics_log	556917	556961	-	4	9	M.AAKIIDGKTIAQQVR.S	19
PLOG-867	proteomics_log	572229	572249	-	4	4	I.RAVLVFR.M	11
PLOG-868	proteomics_log	577841	577918	-	6	15	K.TETQTFVNGLLGFITLGIYTPLEAR.V	30
PLOG-869	proteomics_log	577841	577948	-	6	9	K.ICGGAENVVKTETQTFVNGLLGFITLGIYTPLEAR.V	40

PLOG-870	proteomics_log	583906	583965	-	5	38	K.NGAGIENYNFITTAGLKTYF.-	24
PLOG-871	proteomics_log	583915	583965	-	5	89	K.NGAGIENYNFITTAGLK.Y	21
PLOG-872	proteomics_log	583966	584031	-	5	68	R.VTNKKGNTSLYDHNNNTSDYSK.N	26
PLOG-873	proteomics_log	584032	584058	-	5	2	K.VYVEGAWNR.V	13
PLOG-874	proteomics_log	584059	584130	-	5	14	R.SKVKDQNYYSVAVNAGYYVTPNAK.V	28
PLOG-875	proteomics_log	584200	584232	-	5	7	R.YEDFELGGTFK.Y	15
PLOG-876	proteomics_log	584233	584271	-	5	3	R.FKMPYIGLTGSYR.Y	17
PLOG-877	proteomics_log	584293	584364	-	5	61	R.GGSYIYSSEEGFRDDIGSFPNGER.A	28
PLOG-878	proteomics_log	584383	584415	-	5	4	R.LGLM*AGYQESR.Y	16
PLOG-879	proteomics_log	584383	584415	-	5	56	R.LGLMAGYQESR.Y	15
PLOG-880	proteomics_log	584638	584685	-	5	4	R.KVSQLDWKFNAAIIK.G	20
PLOG-881	proteomics_log	584683	584712	-	5	3	R.VYLAEEGGRK.V	14
PLOG-882	proteomics_log	584686	584712	-	5	24	R.VYLAEEGGR.K	13
PLOG-883	proteomics_log	584686	584718	-	5	4	K.ERVYLAEEGGR.K	15
PLOG-884	proteomics_log	584713	584772	-	5	2	T.PDNINADISLGTLSGKTKER.V	24
PLOG-885	proteomics_log	584713	584796	-	5	22	A.STETLSFTPDNINADISLGTLSGKTKER.V	32
PLOG-886	proteomics_log	584719	584796	-	5	20	A.STETLSFTPDNINADISLGTLSGKTK.E	30
PLOG-887	proteomics_log	584725	584796	-	5	66	A.STETLSFTPDNINADISLGTLSGK.T	28
PLOG-888	proteomics_log	587303	587374	-	6	2	R.SLAESGSAGISGPARRTTTPGRK.S	28
PLOG-889	proteomics_log	587706	587786	-	4	2	V.YSRVFADTGENGVMPVKNPMSGTGLR.W	31
PLOG-890	proteomics_log	590180	590239	-	6	3	D.AITITQSRFKHRTGCATGVR.K	24
PLOG-891	proteomics_log	594334	594405	-	5	2	R.VKGLELGADDYLVPFAFAELLAR.V	28
PLOG-892	proteomics_log	594406	594453	-	5	15	K.GMPILLLTALGTIEHR.V	20
PLOG-893	proteomics_log	595821	595901	-	4	2	C.CWRISAISRLAWLRPALKMGISILGIK.F	31
PLOG-894	proteomics_log	600655	600693	-	5	47	K.AHPPQQPDAAHQR.K	17
PLOG-895	proteomics_log	603997	604026	-	5	6	R.LPQNITLTEV.-	14
PLOG-896	proteomics_log	603997	604032	-	5	135	K.SRLPQNITLTEV.-	16
PLOG-897	proteomics_log	604033	604104	-	5	52	K.GYTSLVVVPVGHHSVEDFNATLPK.S	28
PLOG-898	proteomics_log	604105	604224	-	5	51	K.QVYLVNMGNFLLGVAALGLDAVPIEGFDAAILDAEFGLKEK.G	44
PLOG-899	proteomics_log	604111	604224	-	5	7	K.QVYLVNMGNFLLGVAALGLDAVPIEGFDAAILDAEFGLK.E	42
PLOG-900	proteomics_log	604225	604257	-	5	20	K.DLHDDAEWMAK.Q	15
PLOG-901	proteomics_log	604258	604284	-	5	3	R.KFFADMHRK.D	13
PLOG-902	proteomics_log	604306	604359	-	5	4	K.LVVDQEDADGRFATPEAK.A	22
PLOG-903	proteomics_log	604306	604386	-	5	49	K.TAMDDVWLKLVVDQEDADGRFATPEAK.A	31
PLOG-904	proteomics_log	604327	604359	-	5	50	K.LVVDQEDADGR.F	15
PLOG-905	proteomics_log	604360	604386	-	5	24	K.TAMDDVWLK.L	13
PLOG-906	proteomics_log	604387	604428	-	5	4	R.KMLDASHVVVFCAK.T	18
PLOG-907	proteomics_log	604426	604461	-	5	32	K.SAAGNYVFNERK.M	16
PLOG-908	proteomics_log	604429	604461	-	5	37	K.SAAGNYVFNER.K	15
PLOG-909	proteomics_log	604471	604509	-	5	2	W.HFIVASTEEGKAR.V	17
PLOG-910	proteomics_log	604471	604554	-	5	6	K.TLLQYSPSSTNSQPWHFIVASTEEGKAR.V	32
PLOG-911	proteomics_log	604471	604587	-	5	4	K.KLTPEQAEQIKTLLQYSPSSTNSQPWHFIVASTEEGKAR.V	43
PLOG-912	proteomics_log	604555	604587	-	5	48	K.KLTPEQAEQIK.T	15
PLOG-913	proteomics_log	604588	604617	-	5	7	R.HSTKAFDASK.K	14
PLOG-914	proteomics_log	604618	604647	-	5	2	F.M*DIISVALKR.H	15
PLOG-915	proteomics_log	604618	604647	-	5	164	F.MDIISVALKR.H	14

PLOG-916	proteomics_log	609480	609596	-	4	3	R.AGNAQTTGDLAGANYIAGAGAYTYNEPGRTWYMSVNTHF.-	43
PLOG-917	proteomics_log	609606	609650	-	4	5	K.NVSLTGGVDNLFDKR.L	19
PLOG-918	proteomics_log	609651	609704	-	4	5	K.EISPYSIVGLSATWDVTK.N	22
PLOG-919	proteomics_log	609804	609857	-	4	2	R.LSIIPEYTLNSTLSWQAR.E	22
PLOG-920	proteomics_log	609804	609884	-	4	2	K.SENKTTGDRLSIIPEYTLNSTLSWQAR.E	31
PLOG-921	proteomics_log	610065	610097	-	4	2	R.DGWLAVGTWFR.N	15
PLOG-922	proteomics_log	610203	610259	-	4	7	R.AYKAPSLYQTNPNYILYSK.G	23
PLOG-923	proteomics_log	610275	610358	-	4	69	R.FDHHIVGNNWSPALNISQGLGDDFTLK.M	32
PLOG-924	proteomics_log	610434	610532	-	4	9	R.MKDLSSNTQALTGTNTGGAIDGVSTTDRSPYSK.A	37
PLOG-925	proteomics_log	610449	610526	-	4	2	K.DLSSNTQALTGTNTGGAIDGVSTTDR.S	30
PLOG-926	proteomics_log	610533	610592	-	4	6	L.PIDFLVNQTLTLGTEWNQQR.M	24
PLOG-927	proteomics_log	610533	610655	-	4	8	K.ATQDFVDIDLDDVMLHSEVNLPIDFLVNQTLTLGTEWNQQR.M	45
PLOG-928	proteomics_log	610656	610703	-	4	3	R.IPEGLAGGTEGKFNEK.A	20
PLOG-929	proteomics_log	610656	610712	-	4	13	R.NSRIPEGLAGGTEGKFNEK.A	23
PLOG-930	proteomics_log	610794	610829	-	4	6	R.SKYGDETNRLYR.Q	16
PLOG-931	proteomics_log	610803	610829	-	4	11	R.SKYGDETNR.L	13
PLOG-932	proteomics_log	610830	610886	-	4	67	R.QGNLYAGDTQNTNSDSYTR.S	23
PLOG-933	proteomics_log	610887	610937	-	4	125	R.WDFAPLQSLELEAGYSR.Q	21
PLOG-934	proteomics_log	610887	610976	-	4	18	R.EGVINKDINGVVRWDFAPLQSLELEAGYSR.Q	34
PLOG-935	proteomics_log	610938	610976	-	4	37	R.EGVINKDINGVVR.W	17
PLOG-936	proteomics_log	610938	611012	-	4	85	R.AGTYATTLPAGREGVINKDINGVVR.W	29
PLOG-937	proteomics_log	610977	611012	-	4	86	R.AGTYATTLPAGR.E	16
PLOG-938	proteomics_log	611013	611081	-	4	71	R.LYGNLDKTQADAWDINQGHQSAR.A	27
PLOG-939	proteomics_log	611082	611129	-	4	132	R.TNFSLTGPLGDEFSFR.L	20
PLOG-940	proteomics_log	611082	611132	-	4	2	K.RTNFSLTGPLGDEFSFR.L	21
PLOG-941	proteomics_log	611208	611255	-	4	50	R.YGNGAAGGVVNIITKK.G	20
PLOG-942	proteomics_log	611211	611255	-	4	145	R.YGNGAAGGVVNIITK.K	19
PLOG-943	proteomics_log	611256	611288	-	4	59	R.IEVLRGPAAR.Y	15
PLOG-944	proteomics_log	611289	611327	-	4	17	R.GDTSWVPPEMIER.I	17
PLOG-945	proteomics_log	611370	611426	-	4	106	R.GMGPENTLILIDGKPVSSR.N	23
PLOG-946	proteomics_log	611454	611501	-	4	104	R.TMPGVNLTGNSTSGQR.G	20
PLOG-947	proteomics_log	611541	611651	-	4	5	A.QEPTDTPVSHDDTIVVTAAEQNLQAPGVSTITADEIR.K	41
PLOG-948	proteomics_log	614499	614579	-	4	4	V.TLFIGEDLNTQITVYIREQQQFKVINR.T	31
PLOG-949	proteomics_log	619783	619878	-	5	8	R.FVECRIAQRPDVGKNLAFRTHHYIDAHCRRLT.G	36
PLOG-950	proteomics_log	622795	622830	-	5	2	R.LDYYSAMQVLDR.L	16
PLOG-951	proteomics_log	623590	623622	-	5	5	R.GTHTLESQPQR.I	15
PLOG-952	proteomics_log	625638	625682	-	4	3	R.M*LAIGNQQCGFNLG.I	20
PLOG-953	proteomics_log	631615	631647	-	5	3	R.AAFKKVESFKA.-	15
PLOG-954	proteomics_log	631789	631869	-	5	2	K.VAYGILVQSALLGQDDVLAQLTGAYQR.F	31
PLOG-955	proteomics_log	635271	635324	-	4	2	Q.KRPAAMMIGIRADESYNR.F	22
PLOG-956	proteomics_log	637490	637534	-	6	3	K.KFTHQPDAKCGNGWN.N	19
PLOG-957	proteomics_log	640665	640694	-	4	40	R.HANLPVLRVVR.-	14
PLOG-958	proteomics_log	640695	640748	-	4	4	R.NPSISTHLLGSNASSVIR.H	22
PLOG-959	proteomics_log	640695	640823	-	4	29	R.FGSVRDEVNELAEELGADVIVVIGSRNPSISTHLLGSNASSVIR.H	47
PLOG-960	proteomics_log	640728	640823	-	4	5	R.FGSVRDEVNELAEELGADVIVVIGSRNPSISTH.L	36
PLOG-961	proteomics_log	640749	640823	-	4	24	R.FGSVRDEVNELAEELGADVIVVIGSR.N	29

PLOG-962	proteomics_log	640842	640883	-	4	102	R.LQTMVSHFTIDPSR.I	18
PLOG-963	proteomics_log	640884	640919	-	4	19	R.FEEHLQHEAQR.L	16
PLOG-964	proteomics_log	640884	640922	-	4	115	R.RFEEHLQHEAQR.L	17
PLOG-965	proteomics_log	640941	641024	-	4	167	R.HAEFLAQDDGVIHLLHVLPGSASLSLHR.F	32
PLOG-966	proteomics_log	641025	641081	-	4	18	K.TIIMPVDVFEMELSDKAVR.H	23
PLOG-967	proteomics_log	641025	641090	-	4	83	V.MYKTIIMPVDVFEMELSDKAVR.H	26
PLOG-968	proteomics_log	641034	641081	-	4	77	K.TIIMPVDVFEMELSDK.A	20
PLOG-969	proteomics_log	641953	642015	-	5	6	N.RDRAVAVGGEM*QAVGM*M*INNK.N	28
PLOG-970	proteomics_log	642783	642884	-	4	68	R.VGDSIHWELPGGVATHLEVLELEYQPEAAGDYLL.-	38
PLOG-971	proteomics_log	642786	642884	-	4	3	R.VGDSIHWELPGGVATHLEVLELEYQPEAAGDYLL.L	37
PLOG-972	proteomics_log	642885	642944	-	4	2	T.DSNTQLSVMAPVGAALLGLR.V	24
PLOG-973	proteomics_log	642885	642950	-	4	4	K.M*TDSNTQLSVMAPVGAALLGLR.V	27
PLOG-974	proteomics_log	642885	642950	-	4	4	K.M*TDSNTQLSVM*APVGAALLGLR.V	28
PLOG-975	proteomics_log	642885	642950	-	4	69	K.MTDSNTQLSVMAPVGAALLGLR.V	26
PLOG-976	proteomics_log	642885	642971	-	4	18	R.TLVYPAKMTDSNTQLSVMAPVGAALLGLR.V	33
PLOG-977	proteomics_log	642978	643001	-	4	2	R.NLSDGEVR.V	12
PLOG-978	proteomics_log	642978	643007	-	4	2	K.FRNLSDGEVR.V	14
PLOG-979	proteomics_log	643071	643145	-	4	27	R.IDILLEQPAYAGLPIADALNAELDR.A	29
PLOG-980	proteomics_log	643146	643187	-	4	11	M.SRPTIIIINDLDAER.I	18
PLOG-981	proteomics_log	643648	643707	-	5	2	R.LNQEIKESEAGKFLADNYGK.T	24
PLOG-982	proteomics_log	643792	643824	-	5	4	K.LSEVM*PGAGGR.S	16
PLOG-983	proteomics_log	643792	643824	-	5	6	K.LSEVM*PGAGGR.S	15
PLOG-984	proteomics_log	643882	643926	-	5	2	R.FGCATRPINLPEAR.A	19
PLOG-985	proteomics_log	643969	644037	-	5	2	R.LQTETTNKADFLT VHGLWPGLPK.S	27
PLOG-986	proteomics_log	653854	653898	-	5	2	R.TSVPVLVGLVIVIVA.T	19
PLOG-987	proteomics_log	654217	654279	-	5	2	R.GMADAFANVVMMLLVAAGVFAQ.G	25
PLOG-988	proteomics_log	656776	656823	-	5	13	H.DRTGILAVFGLNRTLK.T	20
PLOG-989	proteomics_log	658492	658521	-	5	12	R.SSYHADLQAK.G	14
PLOG-990	proteomics_log	658630	658713	-	5	4	N.EEIIIVMRDLRRHGVTM*LTLGQYLQPSR.H	33
PLOG-991	proteomics_log	658747	658779	-	5	2	R.FKEAHPEIPTK.S	15
PLOG-992	proteomics_log	658840	658905	-	5	58	R.ALDILTATPPDVFHNHLENVPR.I	26
PLOG-993	proteomics_log	660863	660919	-	6	6	R.LLENILALLNNPDFEYITA.-	23
PLOG-994	proteomics_log	661133	661204	-	6	21	R.ELVTLLEQTVVNTLAE LGIEAHPR.A	28
PLOG-995	proteomics_log	661614	661667	-	4	6	H.IEQVETLYEELGKIDIVR.M	22
PLOG-996	proteomics_log	661614	661709	-	4	11	K.GNYHSVSITINATHIEQVETLYEELGKIDIVR.M	36
PLOG-997	proteomics_log	661710	661754	-	4	6	R.HAPGDYTPTVKPSK.G	19
PLOG-998	proteomics_log	661755	661811	-	4	9	K.VM*GQALPELVDQVVEVVQR.H	24
PLOG-999	proteomics_log	661755	661811	-	4	248	K.VMGQALPELVDQVVEVVQR.H	23
PLOG-1000	proteomics_log	661755	661853	-	4	5	K.LNELLEFPTPFTYKVM*GQALPELVDQVVEVVQR.H	38
PLOG-1001	proteomics_log	661755	661853	-	4	61	K.LNELLEFPTPFTYKVMGQALPELVDQVVEVVQR.H	37
PLOG-1002	proteomics_log	661755	661865	-	4	4	D.M*KTKLNELEFPTPFTYKVM*GQALPELVDQVVEVVQR.H	43
PLOG-1003	proteomics_log	661755	661865	-	4	53	D.MKTKLNELEFPTPFTYKVMGQALPELVDQVVEVVQR.H	41
PLOG-1004	proteomics_log	661812	661853	-	4	45	K.LNELLEFPTPFTYK.V	18
PLOG-1005	proteomics_log	661812	661865	-	4	7	D.M*KTKLNELEFPTPFTYK.V	23
PLOG-1006	proteomics_log	661812	661865	-	4	27	D.MKTKLNELEFPTPFTYK.V	22
PLOG-1007	proteomics_log	661978	662082	-	5	5	K.TIEQRPLVVLQEIPEGNFFGKIIDYIKLMFHHWFG.-	39

PLOG-1008	proteomics_log	662002	662022	-	5	4	G.KIIDYIK.L	11
PLOG-1009	proteomics_log	662125	662172	-	5	4	K.ASYVLNSELHAPLQK.N	20
PLOG-1010	proteomics_log	662125	662187	-	5	3	R.M*KDLKASYVLNSELHAPLQK.N	26
PLOG-1011	proteomics_log	662194	662238	-	5	13	R.ASLGVDKDVYLTIPR.G	19
PLOG-1012	proteomics_log	662239	662316	-	5	5	R.FFETVNPLKVGKEFASEPVWFGSDR.A	30
PLOG-1013	proteomics_log	662371	662397	-	5	9	R.LISAVMGGR.T	13
PLOG-1014	proteomics_log	662518	662610	-	5	2	R.DMALIGQALIRDVPNEYSIYKEKEFTFNGIR.Q	35
PLOG-1015	proteomics_log	662578	662610	-	5	4	R.DMALIGQALIR.D	15
PLOG-1016	proteomics_log	662611	662670	-	5	2	K.NTHFQTVHGLDADGQYSSAR.D	24
PLOG-1017	proteomics_log	662788	662847	-	5	2	K.GSSLMFLKPGMQVPVSQLIR.G	24
PLOG-1018	proteomics_log	662848	662913	-	5	4	K.FKETDLVTIGNDAWATGNPVFK.G	26
PLOG-1019	proteomics_log	662923	662958	-	5	42	K.MMTSYVIGQAMK.A	16
PLOG-1020	proteomics_log	662983	663012	-	5	16	K.VLAEQNADV.R	14
PLOG-1021	proteomics_log	663328	663372	-	5	10	R.LQTEAQLQSFITTAQ.-	19
PLOG-1022	proteomics_log	663373	663399	-	5	6	K.AEASTLQQR.L	13
PLOG-1023	proteomics_log	663472	663504	-	5	29	R.AQQYQQQLGQK.F	15
PLOG-1024	proteomics_log	663919	663963	-	5	5	R.AAADRLNTSNNTKVR.I	19
PLOG-1025	proteomics_log	663925	663963	-	5	64	R.AAADRLNTSNNTK.V	17
PLOG-1026	proteomics_log	663964	664014	-	5	2	R.INDRGPYGNDRVISLSR.A	21
PLOG-1027	proteomics_log	664030	664053	-	5	2	R.ITNLANGR.M	12
PLOG-1028	proteomics_log	664030	664056	-	5	2	A.RITNLANGR.M	13
PLOG-1029	proteomics_log	667735	667785	-	5	3	R.ILDKEGEQMLAAAGKNR.I	21
PLOG-1030	proteomics_log	667972	668079	-	5	71	R.AAGLLPLGVEGENSADWIVVDLGDVIVHVMQEEARR.L	40
PLOG-1031	proteomics_log	667975	668079	-	5	183	R.AAGLLPLGVEGENSADWIVVDLGDVIVHVMQEEARR.R	39
PLOG-1032	proteomics_log	668080	668121	-	5	13	R.HVM*SIADHVVQESR.A	19
PLOG-1033	proteomics_log	668080	668121	-	5	132	R.HVMSIADHVVQESR.A	18
PLOG-1034	proteomics_log	668080	668145	-	5	7	I.ICTGTSSRHVMSIADHVVQESR.A	26
PLOG-1035	proteomics_log	668170	668247	-	5	106	K.ALQDFVIDKIDDLKGGQDIIALDVQGK.S	30
PLOG-1036	proteomics_log	668220	668255	-	4	6	C.RVKHSRILLSTK.L	16
PLOG-1037	proteomics_log	670831	670905	-	5	5	R.SDEEQTSTTTDTPATPARVSTTLGN.-	29
PLOG-1038	proteomics_log	670852	670905	-	5	8	R.SDEEQTSTTTDTPATPAR.V	22
PLOG-1039	proteomics_log	671427	671468	-	4	5	K.VIYVPGKLLNLVVG.-	18
PLOG-1040	proteomics_log	671427	671471	-	4	29	R.KVIYVPGKLLNLVVG.-	19
PLOG-1041	proteomics_log	671448	671471	-	4	10	R.KVIYVPGK.L	12
PLOG-1042	proteomics_log	671472	671522	-	4	9	R.AGQEHLVAKYLDGVTVR.K	21
PLOG-1043	proteomics_log	671496	671522	-	4	78	R.AGQEHLVAK.Y	13
PLOG-1044	proteomics_log	671523	671573	-	4	7	R.AKITVPVDATEEQVRER.A	21
PLOG-1045	proteomics_log	671730	671792	-	4	2	K.APTDGEQDRALMQEALLAVVR.M	25
PLOG-1046	proteomics_log	671793	671849	-	4	7	R.QTFNTAIAAIMELMNKLAK.A	23
PLOG-1047	proteomics_log	671802	671849	-	4	19	R.QTFNTAIAAIMELMNK.L	20
PLOG-1048	proteomics_log	671901	671984	-	4	2	W.KLVYEHTAKGDVAALNVDALTENQKALR.R	32
PLOG-1049	proteomics_log	671910	671957	-	4	3	K.GDVAALNVDALTENQK.A	20
PLOG-1050	proteomics_log	671910	671981	-	4	3	K.LVYEHTAKGDVAALNVDALTENQK.A	28
PLOG-1051	proteomics_log	672003	672077	-	4	4	R.LFMMFASPADMTLEWQESGVEGANR.F	29
PLOG-1052	proteomics_log	672099	672140	-	4	8	K.SKNNGIDPQVMVER.Y	18
PLOG-1053	proteomics_log	672150	672191	-	4	6	K.DAAGHELVTGMSK.M	18

PLOG-1054	proteomics_log	672150	672197	-	4	3	K.AKDAAGHELVYTG*SK.M	21
PLOG-1055	proteomics_log	672150	672206	-	4	6	R.IVKAKDAAGHELVYTG*SK.M	24
PLOG-1056	proteomics_log	672324	672359	-	4	3	R.DAGM*VNSDEPAK.Q	17
PLOG-1057	proteomics_log	672324	672359	-	4	3	R.DAGMVNSDEPAK.Q	16
PLOG-1058	proteomics_log	672381	672479	-	4	9	K.EGMLDSEAANYWLPVDIYIGGIEHAIMHLLYFR.F	37
PLOG-1059	proteomics_log	672774	672872	-	4	87	K.GVLFNSGEFNGLDHEAAFNAIADKLTAMGVGER.K	37
PLOG-1060	proteomics_log	672873	672953	-	4	27	K.YGLNIKPVILAADGSEPDLSQQALTEK.G	31
PLOG-1061	proteomics_log	673107	673139	-	4	2	K.VAEAEMATM*EK.K	16
PLOG-1062	proteomics_log	673107	673139	-	4	3	K.VAEAEMATMEK.K	15
PLOG-1063	proteomics_log	673107	673139	-	4	2	K.VAEAEM*ATM*EK.K	17
PLOG-1064	proteomics_log	673356	673424	-	4	61	K.ITAYADELLNDLDKLDHWPDTVK.T	27
PLOG-1065	proteomics_log	673494	673571	-	4	2	K.KGLVYKKTSAVNWCNPNDQTVLANEQV.I	30
PLOG-1066	proteomics_log	673731	673793	-	4	13	K.NVLQPIGWDAFGLPAEGA AVK.N	25
PLOG-1067	proteomics_log	673731	673805	-	4	8	R.MLGKNVLQPIGWDAFGLPAEGA AVK.N	29
PLOG-1068	proteomics_log	673815	673844	-	4	24	R.NYTIGDVIAR.Y	14
PLOG-1069	proteomics_log	673941	673967	-	4	7	K.VQLHWDEKR.T	13
PLOG-1070	proteomics_log	673968	674006	-	4	6	A.M*QEQRPEEIESK.V	18
PLOG-1071	proteomics_log	673968	674006	-	4	30	A.MQEQRPEEIESK.V	17
PLOG-1072	proteomics_log	681700	681744	-	5	2	A.SEAESNRQSGAGWRR.V	19
PLOG-1073	proteomics_log	683504	683542	-	6	8	K.AITSSAGNQTPEK.T	17
PLOG-1074	proteomics_log	684047	684109	-	6	7	R.VGLSAHANKFPAQLSGGQQQR.V	25
PLOG-1075	proteomics_log	684167	684244	-	6	42	R.VGMVFQHFELFPHLSIENLTLAQVK.V	30
PLOG-1076	proteomics_log	684167	684250	-	6	12	R.SRVGMVFQHFELFPHLSIENLTLAQVK.V	32
PLOG-1077	proteomics_log	686065	686100	-	5	54	K.ALFKEPNDKALN.-	16
PLOG-1078	proteomics_log	686074	686100	-	5	14	K.ALFKEPNDK.A	13
PLOG-1079	proteomics_log	686101	686139	-	5	6	K.NLNMNFELSDEMK.A	17
PLOG-1080	proteomics_log	686140	686229	-	5	2	K.LMDDTIAQVQTSGEAEKWFDKWFKNPIPPK.N	34
PLOG-1081	proteomics_log	686179	686229	-	5	2	K.LM*DDTIAQVQTSGEAEK.W	22
PLOG-1082	proteomics_log	686326	686376	-	5	9	R.AVAFMDDALLAGERAK.A	21
PLOG-1083	proteomics_log	686326	686394	-	5	9	R.TLESGRAVAFMDDALLAGERAK.A	27
PLOG-1084	proteomics_log	686332	686376	-	5	4	R.AVAFM*M*DDALLAGER.A	21
PLOG-1085	proteomics_log	686332	686376	-	5	155	R.AVAFMDDALLAGER.A	19
PLOG-1086	proteomics_log	686377	686430	-	5	8	R.IISAKDHGDSFRTLESGR.A	22
PLOG-1087	proteomics_log	686395	686430	-	5	88	R.IISAKDHGDSFR.T	16
PLOG-1088	proteomics_log	686431	686508	-	5	5	K.AVVVTSGTTSEVLLNKLNEEQKMNMR.I	30
PLOG-1089	proteomics_log	686431	686550	-	5	4	K.KGGDIKDFANLKDKAVVVTSGTTSEVLLNKLNEEQM*NM*R.I	46
PLOG-1090	proteomics_log	686443	686508	-	5	4	K.AVVVTSGTTSEVLLNKLNEEQK.M	26
PLOG-1091	proteomics_log	686443	686550	-	5	2	K.KGGDIKDFANLKDKAVVVTSGTTSEVLLNKLNEEQK.M	40
PLOG-1092	proteomics_log	686509	686550	-	5	16	K.KGGDIKDFANLKDK.A	18
PLOG-1093	proteomics_log	686563	686592	-	5	7	F.SDTIFVVGTR.L	14
PLOG-1094	proteomics_log	686563	686604	-	5	80	K.QAAFSDTIFVVGTR.L	18
PLOG-1095	proteomics_log	686563	686610	-	5	123	R.QKQAAFSDTIFVVGTR.L	20
PLOG-1096	proteomics_log	686704	686733	-	5	27	K.KLNKPDQLQVK.L	14
PLOG-1097	proteomics_log	686734	686787	-	5	10	K.VVGYSQDYSNAIVEAVKK.K	22
PLOG-1098	proteomics_log	686737	686787	-	5	5	K.VVGYSQDYSNAIVEAVK.K	21
PLOG-1099	proteomics_log	686788	686829	-	5	7	R.ESSVPFSYDNQQK.V	18

PLOG-1100	proteomics_log	686788	686856	-	5	2	K.NGVIVVGHRESSVPFSYYDNQK.V	27
PLOG-1101	proteomics_log	686830	686856	-	5	34	K.NGVIVVGH.R.E	13
PLOG-1102	proteomics_log	686830	686904	-	5	2	A.DDAAPAAGSTLDKIAKNGVIVVGH.R.E	29
PLOG-1103	proteomics_log	686857	686904	-	5	219	A.DDAAPAAGSTLDKIAK.N	20
PLOG-1104	proteomics_log	686866	686904	-	5	20	A.DDAAPAAGSTLDK.I	17
PLOG-1105	proteomics_log	690588	690626	-	4	23	R.SDAEAFSMDKVL.R.Q	17
PLOG-1106	proteomics_log	690597	690626	-	4	2	R.SDAEAFSM*DK.V	15
PLOG-1107	proteomics_log	690648	690701	-	4	2	R.FPVISEDKDHIEGILMAK.D	22
PLOG-1108	proteomics_log	690780	690803	-	4	16	R.VRDIMIPR.S	12
PLOG-1109	proteomics_log	690804	690842	-	4	2	R.DM*LEGVM*DIADQR.V	19
PLOG-1110	proteomics_log	690843	690881	-	4	4	R.DSGQNDLIDEDTR.D	17
PLOG-1111	proteomics_log	690882	690911	-	4	6	K.NRDELLALIR.D	14
PLOG-1112	proteomics_log	691609	691656	-	5	2	R.IVNAYEAWEEAEQKRK.A	20
PLOG-1113	proteomics_log	691657	691746	-	5	69	R.HAIEVLADVEEISFNFFHSEDVVRHPVVAR.I	34
PLOG-1114	proteomics_log	691675	691746	-	5	50	R.HAIEVLADVEEISFNFFHSEDVVR.H	28
PLOG-1115	proteomics_log	691675	691758	-	5	3	K.SGLRHAIEVLADVEEISFNFFHSEDVVR.H	32
PLOG-1116	proteomics_log	691759	691809	-	5	4	K.AVITGDVTQIDLPRNTK.S	21
PLOG-1117	proteomics_log	691768	691809	-	5	19	K.AVITGDVTQIDLPR.N	18
PLOG-1118	proteomics_log	691828	691905	-	5	48	R.TLNDAFIILDESQNTTIEQMFMFLTR.I	30
PLOG-1119	proteomics_log	691828	691911	-	5	4	R.GRTLNDAFIILDESQNTTIEQMFMFLTR.I	32
PLOG-1120	proteomics_log	691843	691905	-	5	6	R.TLNDAFIILDESQNTTIEQM.M	25
PLOG-1121	proteomics_log	691912	691947	-	5	6	R.NVIEVAPLAYMR.G	16
PLOG-1122	proteomics_log	691960	692028	-	5	2	K.VDPYLRPLYDALFEMLGFEKVEK.L	27
PLOG-1123	proteomics_log	691969	692028	-	5	15	K.VDPYLRPLYDALFEMLGFEK.V	24
PLOG-1124	proteomics_log	691969	692061	-	5	4	K.LGFLPGDLSQKVDPLYLRPLYDALFEMLGFEK.V	35
PLOG-1125	proteomics_log	692062	692100	-	5	12	R.ILLTRPAVEAGEK.L	17
PLOG-1126	proteomics_log	692101	692238	-	5	2	R.TPNQAQYIANILDHDITFGVGPAGTGKTYLAVAAAVDALERQEIRR.I	50
PLOG-1127	proteomics_log	692116	692157	-	5	4	K.TYLAVAAAVDALER.Q	18
PLOG-1128	proteomics_log	692116	692238	-	5	3	R.TPNQAQYIANILDHDITFGVGPAGTGKTYLAVAAAVDALER.Q	45
PLOG-1129	proteomics_log	692158	692238	-	5	35	R.TPNQAQYIANILDHDITFGVGPAGTGK.T	31
PLOG-1130	proteomics_log	692281	692322	-	5	15	R.VLEQSAESVPEYGK.A	18
PLOG-1131	proteomics_log	692323	692409	-	5	7	R.SLYVDTAPMRGQIQDIEPEQIHLAIKEAR.V	33
PLOG-1132	proteomics_log	692551	692583	-	5	42	R.EITLEPADNAR.L	15
PLOG-1133	proteomics_log	692757	692798	-	4	5	R.TRKENDLGVGYYQP.-	18
PLOG-1134	proteomics_log	692799	692831	-	4	12	R.VAETPESVIAR.T	15
PLOG-1135	proteomics_log	692832	692855	-	4	2	R.TEDEM*GLR.V	13
PLOG-1136	proteomics_log	692871	692915	-	4	5	K.FVDVEITDVYPNSLR.G	19
PLOG-1137	proteomics_log	693021	693044	-	4	2	R.RMLGTTQR.I	12
PLOG-1138	proteomics_log	693045	693074	-	4	4	R.INQQAMAWSR.R	14
PLOG-1139	proteomics_log	693219	693296	-	4	2	R.AARPDIQISSDFIVGFPGETTEDFEK.T	30
PLOG-1140	proteomics_log	693363	693473	-	4	3	R.FTTSHPIEFTDDIIEVYRDTPELVSFLHLPVQSGSDR.I	41
PLOG-1141	proteomics_log	693597	693668	-	4	7	R.GEEVSRPSDDILFEIAQLAAQGV.R.E	28
PLOG-1142	proteomics_log	693984	694016	-	4	3	K.AQEKVFHQLGR.W	15
PLOG-1143	proteomics_log	696739	696768	-	5	33	R.AVGVHQSAWK.-	14
PLOG-1144	proteomics_log	696922	696954	-	5	3	R.FRFPYNTPTSK.E	15
PLOG-1145	proteomics_log	697555	697620	-	5	2	R.SEAWWPQLHSFAVGLPGSPDLK.A	26

PLOG-1146	proteomics_log	697654	697737	-	5	6	K.SHLMSDVYPYGVLLSGGLDSSIIISAITKK.Y	32
PLOG-1147	proteomics_log	697987	698070	-	5	2	K.GPEFLDDLQGMFAFALYDSEKDAYLIGR.D	32
PLOG-1148	proteomics_log	698197	698250	-	5	2	R.LSIVDVNAGAQPPLYNQKQK.T	22
PLOG-1149	proteomics_log	698251	698313	-	5	23	R.HRGPDWSGIYASDNAILAHER.L	25
PLOG-1150	proteomics_log	698857	698937	-	5	4	R.TDILAGFQAGLETILVLSGVSSLDDID.S	31
PLOG-1151	proteomics_log	699100	699132	-	5	4	R.FIATNPPTHGR.G	15
PLOG-1152	proteomics_log	699190	699246	-	5	11	K.AGFTITDVNPDFVIVGETR.S	23
PLOG-1153	proteomics_log	699310	699384	-	5	3	R.FATAGVDVPDSVFYTSAMATADFLR.R	29
PLOG-1154	proteomics_log	699600	699641	-	4	3	R.AMLNGILLQHLLN.-	18
PLOG-1155	proteomics_log	700392	700457	-	4	2	R.TQQTLEHALLNAIAQFIDSYQR.K	26
PLOG-1156	proteomics_log	700596	700628	-	4	4	K.EVDQQASTGGR.R	15
PLOG-1157	proteomics_log	700665	700712	-	4	4	R.IQIAEQSQLAPASVTK.I	20
PLOG-1158	proteomics_log	700713	700742	-	4	5	R.LIDQYGPISR.I	14
PLOG-1159	proteomics_log	700829	700861	-	6	7	K.TIVNGNEVVTQ.-	15
PLOG-1160	proteomics_log	701888	701950	-	6	52	R.IFTGHEFLDDHAVVIADGLIK.S	25
PLOG-1161	proteomics_log	701951	701974	-	6	2	R.MYALTQGR.I	12
PLOG-1162	proteomics_log	702037	702075	-	5	60	R.YFNELEAENIKGL.-	17
PLOG-1163	proteomics_log	702037	702084	-	5	2	K.TLRYFNELEAENIKGL.-	20
PLOG-1164	proteomics_log	702043	702075	-	5	13	R.YFNELEAENIK.G	15
PLOG-1165	proteomics_log	702211	702285	-	5	14	K.YALTVGVGTLDDAEVVMILVLGSQK.A	29
PLOG-1166	proteomics_log	702211	702318	-	5	5	R.FFDNDVNQVPKYALTVGVGTLDDAEVVMILVLGSQK.A	40
PLOG-1167	proteomics_log	702286	702318	-	5	3	R.FFDNDVNQVPK.Y	15
PLOG-1168	proteomics_log	702334	702360	-	5	80	R.IKTLTHDTR.V	13
PLOG-1169	proteomics_log	702367	702444	-	5	44	K.IHLFMGGVGNDBGHIAFNEPASSLASR.T	30
PLOG-1170	proteomics_log	702367	702456	-	5	3	R.SYGKIHLM*GGVGNDBGHIAFNEPASSLASR.T	35
PLOG-1171	proteomics_log	702367	702456	-	5	8	R.SYGKIHLMGGVGNDBGHIAFNEPASSLASR.T	34
PLOG-1172	proteomics_log	702562	702642	-	5	3	K.HVVTFNM*DEYVGLPKEHPESYYSFM*HR.N	33
PLOG-1173	proteomics_log	702685	702765	-	5	2	R.INAFKPTADRPFVLGLPTGGTPM*TTYK.A	32
PLOG-1174	proteomics_log	702685	702765	-	5	8	R.INAFKPTADRPFVLGLPTGGTPMTTYK.A	31
PLOG-1175	proteomics_log	702781	702828	-	5	9	R.LIPLTTAEQVGKWAAR.H	20
PLOG-1176	proteomics_log	702781	702834	-	5	80	I.MRLIPLTTAEQVGKWAAR.H	22
PLOG-1177	proteomics_log	702793	702828	-	5	4	R.LIPLTTAEQVGK.W	16
PLOG-1178	proteomics_log	702793	702834	-	5	15	I.MRLIPLTTAEQVGK.W	18
PLOG-1179	proteomics_log	706091	706117	-	6	2	S.RCIPDSGAR.T	13
PLOG-1180	proteomics_log	709540	709575	-	5	25	K.VIEFSDDSIEAR.Q	16
PLOG-1181	proteomics_log	709660	709698	-	5	168	R.VLNQFDDAGIVTR.H	17
PLOG-1182	proteomics_log	709660	709743	-	5	10	R.LIDM*GEEIGLATVYRVLNQFDDAGIVTR.H	33
PLOG-1183	proteomics_log	709660	709743	-	5	80	R.LIDMGEEIGLATVYRVLNQFDDAGIVTR.H	32
PLOG-1184	proteomics_log	709660	709746	-	5	3	K.RLIDMGEEIGLATVYRVLNQFDDAGIVTR.H	33
PLOG-1185	proteomics_log	709699	709743	-	5	2	R.LIDM*GEEIGLATVYR.V	20
PLOG-1186	proteomics_log	709699	709743	-	5	29	R.LIDMGEEIGLATVYR.V	19
PLOG-1187	proteomics_log	709699	709746	-	5	2	K.RLIDMGEEIGLATVYR.V	20
PLOG-1188	proteomics_log	709744	709806	-	5	54	K.ILEVLPQPDNHHVSAEDLYKR.L	25
PLOG-1189	proteomics_log	709744	709812	-	5	33	R.LKILEVLQEPDNHHVSAEDLYKR.L	27
PLOG-1190	proteomics_log	709747	709812	-	5	21	R.LKILEVLQEPDNHHVSAEDLYK.R	26
PLOG-1191	proteomics_log	709813	709842	-	5	43	K.KAGLKVTLPR.L	14



PLOG-1192	proteomics_log	709813	709866	-	5	2	M.TDNNTALKKAGLKVTLPR.L	22
PLOG-1193	proteomics_log	709813	709866	-	5	2	M.TDNNTALKKAGLKVTLPR.L	22
PLOG-1194	proteomics_log	709840	709866	-	5	5	M.TDNNTALKK.A	13
PLOG-1195	proteomics_log	709840	709866	-	5	5	M.TDNNTALKK.A	13
PLOG-1196	proteomics_log	710161	710202	-	5	16	K.QISEELHLEILNA.-	18
PLOG-1197	proteomics_log	710221	710295	-	5	12	K.GLADDDHFVGLAIDEDRQPELTAER.V	29
PLOG-1198	proteomics_log	710296	710352	-	5	7	R.GATIVGHWPTAGYHFEASK.G	23
PLOG-1199	proteomics_log	710575	710616	-	5	12	K.QLGKDVADVHDIK.S	18
PLOG-1200	proteomics_log	710575	710628	-	5	12	K.MIQKQLGKDVADVHDIK.S	22
PLOG-1201	proteomics_log	710629	710685	-	5	69	M.AITGIFFGSDTGNTENIAK.M	23
PLOG-1202	proteomics_log	710846	710893	-	6	4	R.SELIEEMLMQLAALR.S	20
PLOG-1203	proteomics_log	711288	711350	-	4	5	R.AHVIAGAGHWVHAEKPDVLR.A	25
PLOG-1204	proteomics_log	711660	711746	-	4	3	K.AVMALTALASDRIDKLVAIDIAPVDYHVR.R	33
PLOG-1205	proteomics_log	711873	711914	-	4	2	R.DLVNDHNIIQVDMR.N	18
PLOG-1206	proteomics_log	711915	712007	-	4	87	R.AQTAQNQHNNSPIVLVHGLFGSLDNLGVLAR.D	35
PLOG-1207	proteomics_log	713361	713438	-	4	4	Y.QRYRPDLPRTAAPDPSHDMPSLR.R	30
PLOG-1208	proteomics_log	714652	714756	-	5	2	L.SLGVSNSQSPANDDCSGWAHAVSSNVAVISDTM*TTR.L	40
PLOG-1209	proteomics_log	731431	731481	-	5	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-1210	proteomics_log	731431	731481	-	5	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-1211	proteomics_log	731431	731481	-	5	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-1212	proteomics_log	731653	731739	-	5	4	R.VVHQPVLTVMVMPVGVGALIIRADNPPFRDEV.G	33
PLOG-1213	proteomics_log	731653	731739	-	5	4	R.VVHQPVLTVMVMPVGVGALIIRADNPPFRDEV.G	33
PLOG-1214	proteomics_log	733524	733610	-	4	4	R.VVHQPVLTVMVMPVGVGALIIRADNPPFRDEV.G	33
PLOG-1215	proteomics_log	733524	733610	-	4	4	R.VVHQPVLTVMVMPVGVGALIIRADNPPFRDEV.G	33
PLOG-1216	proteomics_log	734453	734563	-	6	4	K.TLGALLAWSIGYGLNCFAMSGNLLGSGVGLLGLAP.Y	41
PLOG-1217	proteomics_log	752411	752434	-	6	6	R.DFKSDIKR.-	12
PLOG-1218	proteomics_log	752411	752437	-	6	34	K.RDFKSDIKR.-	13
PLOG-1219	proteomics_log	752411	752461	-	6	13	R.QLYTGYEKRFKSDIKR.-	21
PLOG-1220	proteomics_log	752477	752527	-	6	17	R.TVGWIAHWSEMHSDBGMK.I	21
PLOG-1221	proteomics_log	752528	752578	-	6	57	K.AMGIPSSMFTVIFAMAR.T	21
PLOG-1222	proteomics_log	752528	752620	-	6	9	K.LYPNVDFYSGIILKAMGIPSSMFTVIFAMAR.T	35
PLOG-1223	proteomics_log	752528	752623	-	6	11	K.KLYPNVDFYSGIILKAMGIPSSMFTVIFAMAR.T	36
PLOG-1224	proteomics_log	752579	752620	-	6	17	K.LYPNVDFYSGIILK.A	18
PLOG-1225	proteomics_log	752579	752623	-	6	13	K.KLYPNVDFYSGIILK.A	19
PLOG-1226	proteomics_log	752621	752692	-	6	3	K.DDLLEVAMELENIALNDPYFIEKK.L	28
PLOG-1227	proteomics_log	752621	752707	-	6	25	K.ELGTKDDLLEVAMELENIALNDPYFIEKK.L	33
PLOG-1228	proteomics_log	752624	752707	-	6	21	K.ELGTKDDLLEVAMELENIALNDPYFIEK.K	32
PLOG-1229	proteomics_log	752792	752818	-	6	41	R.AKDKNDSFR.L	13
PLOG-1230	proteomics_log	752792	752821	-	6	8	R.RAKDKNDSFR.L	14
PLOG-1231	proteomics_log	752819	752869	-	6	16	K.MLEEISSVKHIPEFVRR.A	21
PLOG-1232	proteomics_log	752822	752869	-	6	8	K.MLEEISSVKHIPEFVR.R	20
PLOG-1233	proteomics_log	752843	752869	-	6	29	K.MLEEISSVK.H	13
PLOG-1234	proteomics_log	752972	753025	-	6	238	R.IILIHADHEQNASTSTVR.T	22
PLOG-1235	proteomics_log	752972	753037	-	6	27	R.AMDRILILHADHEQNASTSTVR.T	26
PLOG-1236	proteomics_log	752972	753049	-	6	44	P.ILERAM*DRILILHADHEQNASTSTVR.T	31
PLOG-1237	proteomics_log	753125	753157	-	6	22	K.YSIGQPFVYPR.N	15

PLOG-1238	proteomics_log	753332	753361	-	6	24	R.HTMIHEQITR.L	14
PLOG-1239	proteomics_log	753482	753523	-	6	45	K.ITFIDGDEGILLHR.G	18
PLOG-1240	proteomics_log	753578	753670	-	6	12	K.LTLNGDTAVELDVLKGTLGQDVIDIRTLGSK.G	35
PLOG-1241	proteomics_log	753578	753676	-	6	2	K.AKLTNGDTAVELDVLKGTLGQDVIDIRTLGSK.G	37
PLOG-1242	proteomics_log	753593	753625	-	6	33	K.GTLGQDVIDIR.T	15
PLOG-1243	proteomics_log	753593	753646	-	6	2	A.VELDVLKGTLGQDVIDIR.T	22
PLOG-1244	proteomics_log	753593	753670	-	6	189	K.LTLNGDTAVELDVLKGTLGQDVIDIR.T	30
PLOG-1245	proteomics_log	753593	753676	-	6	164	K.AKLTNGDTAVELDVLKGTLGQDVIDIR.T	32
PLOG-1246	proteomics_log	753593	753688	-	6	118	M.ADTKAKLTNGDTAVELDVLKGTLGQDVIDIR.T	36
PLOG-1247	proteomics_log	763229	763276	-	6	2	R.TTTGTLTPTSATAPM*I.P	21
PLOG-1248	proteomics_log	769243	769302	-	5	2	V.M*AKVFFSSPMTSNSRNPSLK.T	25
PLOG-1249	proteomics_log	784163	784222	-	6	4	K.VQTGDGINNDVDTKTDGTTQ.-	24
PLOG-1250	proteomics_log	784163	784225	-	6	24	K.KVQTGDGINNDVDTKTDGTTQ.-	25
PLOG-1251	proteomics_log	784181	784225	-	6	3	K.KVQTGDGINNDVDTK.T	19
PLOG-1252	proteomics_log	784391	784468	-	6	6	A.ADSGAQTNNGQANAADAGQVAPDAR.E	30
PLOG-1253	proteomics_log	786069	786101	-	4	49	K.AAAVANQGKAK.-	15
PLOG-1254	proteomics_log	786069	786137	-	4	51	R.YYLGNADEIAAKAAAVANQGKAK.-	27
PLOG-1255	proteomics_log	786075	786101	-	4	2	K.AAAVANQGK.A	13
PLOG-1256	proteomics_log	786075	786137	-	4	82	R.YYLGNADEIAAKAAAVANQGK.A	25
PLOG-1257	proteomics_log	786102	786137	-	4	342	R.YYLGNADEIAAK.A	16
PLOG-1258	proteomics_log	786138	786194	-	4	13	I.PTGVPLVYEFDENFKPLKR.Y	23
PLOG-1259	proteomics_log	786138	786239	-	4	89	K.YLDNM*SEEEIELNIPTGVPLVYEFDENFKPLKR.Y	39
PLOG-1260	proteomics_log	786138	786239	-	4	375	K.YLDNMSEEEIELNIPTGVPLVYEFDENFKPLKR.Y	38
PLOG-1261	proteomics_log	786138	786251	-	4	11	R.ALVKYLDNM*SEEEIELNIPTGVPLVYEFDENFKPLKR.Y	43
PLOG-1262	proteomics_log	786138	786251	-	4	56	R.ALVKYLDNMSEEEIELNIPTGVPLVYEFDENFKPLKR.Y	42
PLOG-1263	proteomics_log	786141	786239	-	4	3	K.YLDNMSEEEIELNIPTGVPLVYEFDENFKPLKR.R	37
PLOG-1264	proteomics_log	786240	786284	-	4	6	R.VIAAHGNSLRALVK.Y	19
PLOG-1265	proteomics_log	786240	786302	-	4	2	R.MKSGERVIIAAHGNSLRALVK.Y	25
PLOG-1266	proteomics_log	786252	786275	-	4	3	I.AAHGNSLR.A	12
PLOG-1267	proteomics_log	786252	786278	-	4	10	I.IAAHGNSLR.A	13
PLOG-1268	proteomics_log	786252	786281	-	4	17	V.IIAAHGNSLR.A	14
PLOG-1269	proteomics_log	786252	786284	-	4	245	R.VIAAHGNSLR.A	15
PLOG-1270	proteomics_log	786252	786296	-	4	88	K.SGERVIIAAHGNSLR.A	19
PLOG-1271	proteomics_log	786252	786302	-	4	105	R.MKSGERVIIAAHGNSLR.A	21
PLOG-1272	proteomics_log	786303	786332	-	4	17	I.PYWNETILPR.M	14
PLOG-1273	proteomics_log	786303	786338	-	4	209	R.VIPYWNETILPR.M	16
PLOG-1274	proteomics_log	786303	786380	-	4	86	K.ELPLTESLALTIDRVIPYWNETILPR.M	30
PLOG-1275	proteomics_log	786303	786392	-	4	314	K.LSEKELPLTESLALTIDRVIPYWNETILPR.M	34
PLOG-1276	proteomics_log	786303	786401	-	4	159	R.YAKLSEKELPLTESLALTIDRVIPYWNETILPR.M	37
PLOG-1277	proteomics_log	786339	786380	-	4	43	K.ELPLTESLALTIDR.V	18
PLOG-1278	proteomics_log	786339	786392	-	4	258	K.LSEKELPLTESLALTIDR.V	22
PLOG-1279	proteomics_log	786339	786401	-	4	133	R.YAKLSEKELPLTESLALTIDR.V	25
PLOG-1280	proteomics_log	786402	786467	-	4	2	R.GFAVTPPELTKDDERYPGHDPR.Y	26
PLOG-1281	proteomics_log	786435	786470	-	4	16	R.RGFAVTPPELTK.D	16
PLOG-1282	proteomics_log	786468	786548	-	4	12	R.HYGALQGLNKAETAEKYGDQVKQWRR.G	31
PLOG-1283	proteomics_log	786471	786500	-	4	33	K.YGDEQVKQWR.R	14

PLOG-1284	proteomics_log	786471	786518	-	4	48	K.AETAEKYGDEQVKQWR.R	20
PLOG-1285	proteomics_log	786471	786548	-	4	145	R.HYGALQGLNKAETAEKYGDEQVKQWR.R	30
PLOG-1286	proteomics_log	786480	786500	-	4	2	K.YGDEQVK.Q	11
PLOG-1287	proteomics_log	786480	786518	-	4	8	K.AETAEKYGDEQVK.Q	17
PLOG-1288	proteomics_log	786480	786548	-	4	44	R.HYGALQGLNKAETAEKYGDEQVK.Q	27
PLOG-1289	proteomics_log	786501	786548	-	4	86	R.HYGALQGLNKAETAEK.Y	20
PLOG-1290	proteomics_log	786519	786548	-	4	162	R.HYGALQGLNK.A	14
PLOG-1291	proteomics_log	786519	786560	-	4	3	K.LNERHYGALQGLNK.A	18
PLOG-1292	proteomics_log	786549	786569	-	4	2	K.SWKLNER.H	11
PLOG-1293	proteomics_log	786549	786632	-	4	104	R.AIHTLWNVLDDELQAWLPVEKSWKLNER.H	32
PLOG-1294	proteomics_log	786549	786635	-	4	2	K.RAIHTLWNVLDDELQAWLPVEKSWKLNER.H	33
PLOG-1295	proteomics_log	786561	786632	-	4	115	R.AIHTLWNVLDDELQAWLPVEKSWK.L	28
PLOG-1296	proteomics_log	786561	786635	-	4	3	K.RAIHTLWNVLDDELQAWLPVEKSWK.L	29
PLOG-1297	proteomics_log	786570	786614	-	4	3	W.NVLDDELQAWLPVEK.S	19
PLOG-1298	proteomics_log	786570	786623	-	4	4	H.TLWNVLDDELQAWLPVEK.S	22
PLOG-1299	proteomics_log	786570	786632	-	4	358	R.AIHTLWNVLDDELQAWLPVEK.S	25
PLOG-1300	proteomics_log	786570	786635	-	4	138	K.RAIHTLWNVLDDELQAWLPVEK.S	26
PLOG-1301	proteomics_log	786633	786680	-	4	2	K.EEGYSFDFAYTSVLKR.A	20
PLOG-1302	proteomics_log	786633	786689	-	4	372	K.LLKEEGYSFDFAYTSVLKR.A	23
PLOG-1303	proteomics_log	786633	786701	-	4	283	K.AAGKLLKEEGYSFDFAYTSVLKR.A	27
PLOG-1304	proteomics_log	786633	786719	-	4	10	K.GVSEAKAAGKLLKEEGYSFDFAYTSVLKR.A	33
PLOG-1305	proteomics_log	786636	786677	-	4	24	E.EGYSFDFAYTSVLK.R	18
PLOG-1306	proteomics_log	786636	786689	-	4	26	K.LLKEEGYSFDFAYTSVLK.R	22
PLOG-1307	proteomics_log	786636	786701	-	4	42	K.AAGKLLKEEGYSFDFAYTSVLK.R	26
PLOG-1308	proteomics_log	786690	786719	-	4	5	K.GVSEAKAAGK.L	14
PLOG-1309	proteomics_log	786702	786755	-	4	98	R.FTGWYDVDLSEKGVSEAK.A	22
PLOG-1310	proteomics_log	786702	786788	-	4	9	R.HGESQWNKENRFTGWYDVDLSEKGVSEAK.A	33
PLOG-1311	proteomics_log	786720	786755	-	4	52	R.FTGWYDVDLSEK.G	16
PLOG-1312	proteomics_log	786756	786788	-	4	212	R.HGESQWNKENR.F	15
PLOG-1313	proteomics_log	786756	786803	-	4	3	K.LVLVRHGESQWNKENR.F	20
PLOG-1314	proteomics_log	786756	786815	-	4	14	M.AVTKLVLVRHGESQWNKENR.F	24
PLOG-1315	proteomics_log	786789	786815	-	4	225	M.AVTKLVLVR.H	13
PLOG-1316	proteomics_log	787176	787241	-	4	6	K.VYTTAPALQFYSGNFLGGTPSR.G	26
PLOG-1317	proteomics_log	787192	787224	-	5	9	S.GSAILLRQLPR.R	15
PLOG-1318	proteomics_log	787302	787334	-	4	3	K.GYDHAFLLQAK.G	15
PLOG-1319	proteomics_log	787344	787382	-	4	15	K.IIASEFLADDDQR.K	17
PLOG-1320	proteomics_log	787392	787421	-	4	5	K.SVAGTSFDFR.S	14
PLOG-1321	proteomics_log	787422	787496	-	4	2	R.NHKLQILADEYLPVDEGGIPHDGLK.S	29
PLOG-1322	proteomics_log	787719	787808	-	4	2	R.YTFDGETVTLSPSQGVNQLHGGPEGFDKRR.W	34
PLOG-1323	proteomics_log	787938	787997	-	4	102	R.NNAGMVVTLMDWGATLLSAR.I	24
PLOG-1324	proteomics_log	788336	788380	-	6	7	R.TVEAASALEQGD LKR.M	19
PLOG-1325	proteomics_log	788411	788497	-	6	5	R.FFQQPALRDV TIEEFNAVAHELDPIVAKR.V	33
PLOG-1326	proteomics_log	788414	788473	-	6	5	R.DVTIEEFNAVAHELDPIVAK.R	24
PLOG-1327	proteomics_log	788414	788497	-	6	2	R.FFQQPALRDV TIEEFNAVAHELDPIVAK.R	32
PLOG-1328	proteomics_log	788555	788593	-	6	5	K.GVAVVIINSFKR.T	17
PLOG-1329	proteomics_log	788912	789007	-	6	3	R.VMAADYENQLDEFSLDAPIVAHENYQWANYVR.G	36

PLOG-1330	proteomics_log	789251	789280	-	6	2	R.DLTAEQAAER.L	14
PLOG-1331	proteomics_log	790445	790531	-	6	123	K.LANKPGVHIYNLGAGVGNVLDVVNAFSK.A	33
PLOG-1332	proteomics_log	790586	790642	-	6	3	R.DSLAIFGNDYPTEDGTGVR.D	23
PLOG-1333	proteomics_log	790751	790819	-	6	19	K.LMVEQILTDLQKAQPDWSIALLR.Y	27
PLOG-1334	proteomics_log	790751	790825	-	6	11	K.SKLMVEQILTDLQKAQPDWSIALLR.Y	29
PLOG-1335	proteomics_log	790784	790819	-	6	37	K.LMVEQILTDLQK.A	16
PLOG-1336	proteomics_log	790784	790825	-	6	7	K.SKLMVEQILTDLQK.A	18
PLOG-1337	proteomics_log	790961	791026	-	6	3	K.AVGESVQKPLEYYDNNVNGTLR.L	26
PLOG-1338	proteomics_log	791027	791098	-	6	2	R.NEALMTEILHDHAIDTVIHFAGLK.A	28
PLOG-1339	proteomics_log	791141	791167	-	6	3	K.RSVLPVIER.L	13
PLOG-1340	proteomics_log	791701	791769	-	5	3	R.ALVKHPTLLILDEPLQGLDPLNR.Q	27
PLOG-1341	proteomics_log	792976	793008	-	5	4	M.SSLQILQGTFR.L	15
PLOG-1342	proteomics_log	793508	793573	-	6	6	K.AFDVLSDDDALPLNSLLAAISR.F	26
PLOG-1343	proteomics_log	796521	796583	-	4	4	R.SLQRFVQLIDPQM*LIAQRQRG.H	26
PLOG-1344	proteomics_log	796839	796904	-	4	29	R.ANIVIGDNTTDSIAQFIYSHLI.-	26
PLOG-1345	proteomics_log	797388	797423	-	4	2	K.TVLEADPMPVIK.A	16
PLOG-1346	proteomics_log	802704	802811	-	4	2	S.FLISPVKCSSAIISLLLARNTPFSDNLIKCSRYLR.T	40
PLOG-1347	proteomics_log	805224	805259	-	4	17	R.GVGSKVVAEAKK.-	16
PLOG-1348	proteomics_log	805281	805307	-	4	7	R.NLNDTNYNR.M	13
PLOG-1349	proteomics_log	805470	805508	-	4	22	R.FNAFGDGVAQLGR.S	17
PLOG-1350	proteomics_log	805509	805586	-	4	47	R.TQQEAYVFAPATLSNIYYGFLAVNSR.F	30
PLOG-1351	proteomics_log	805713	805754	-	4	2	R.QNTFFVTNSGVQNR.L	18
PLOG-1352	proteomics_log	806016	806060	-	4	14	K.IGLSLDGGMSPADWR.H	19
PLOG-1353	proteomics_log	806848	806910	-	5	2	R.VLPQGFSGSLVAMPDGVLQTR.T	25
PLOG-1354	proteomics_log	809481	809567	-	4	2	G.VISACSRRCSSLSLSPASTAVCCGFSPSLR.N	33
PLOG-1355	proteomics_log	815802	815858	-	4	7	R.TLADLDRVVALGGGHGLGR.V	23
PLOG-1356	proteomics_log	828200	828280	-	6	14	R.IVVTDADDALRQGMPTVQFGDEAGHE.-	31
PLOG-1357	proteomics_log	828200	828280	-	6	14	R.IVVTDADDALRQGMPTVQFGDEAGHE.-	31
PLOG-1358	proteomics_log	828707	828739	-	6	2	R.SSRDQAQATLK.S	15
PLOG-1359	proteomics_log	828740	828772	-	6	3	R.TISANDLENAR.S	15
PLOG-1360	proteomics_log	837041	837082	-	6	2	A.AEPVTASQAQNM*NK.I	19
PLOG-1361	proteomics_log	837041	837082	-	6	4	A.AEPVTASQAQNMNK.I	18
PLOG-1362	proteomics_log	837756	837827	-	4	17	R.YGESEEEILSLLNLYHNLLREWSEI.-	28
PLOG-1363	proteomics_log	837771	837827	-	4	12	R.YGESEEEILSLLNLYHNLLR.E	23
PLOG-1364	proteomics_log	837771	837833	-	4	4	K.SRYGESEEEILSLLNLYHNLLR.E	25
PLOG-1365	proteomics_log	837834	837875	-	4	3	R.AMLFELDNNIQSLK.S	18
PLOG-1366	proteomics_log	838200	838283	-	4	43	R.STLYAALQNEVLNAVQNHALFFAAALPR.T	32
PLOG-1367	proteomics_log	838308	838340	-	4	4	R.VTTGAQGAQVK.N	15
PLOG-1368	proteomics_log	838475	838504	-	6	5	R.TFLLTANM*HF.-	15
PLOG-1369	proteomics_log	838475	838504	-	6	112	R.TFLLTANMHF.-	14
PLOG-1370	proteomics_log	838625	838687	-	6	6	K.GSDGAVGTPAFTEGYWVADAK.L	25
PLOG-1371	proteomics_log	838625	838708	-	6	2	R.YIGSM*HKGSDGAVGTPAFTEGYWVADAK.L	33
PLOG-1372	proteomics_log	838625	838708	-	6	50	R.YIGSMHKGSDGAVGTPAFTEGYWVADAK.L	32
PLOG-1373	proteomics_log	838925	838984	-	6	5	R.TDIENEVEQNDDGTYSQYGK.K	24
PLOG-1374	proteomics_log	838985	839011	-	6	77	R.LLLTAALFR.T	13
PLOG-1375	proteomics_log	839012	839032	-	6	2	K.WQVLDKR.L	11

PLOG-1376	proteomics_log	839294	839353	-	6	2	R.LDNYHTEYDSATACGGSSGRG.A	24
PLOG-1377	proteomics_log	839453	839548	-	6	5	R.ETQTNYGVPVTLPAVNIYHPDSSIHPPGLTR.N	36
PLOG-1378	proteomics_log	839549	839635	-	6	2	K.ILTNQTNLTSTFYTGSIHGDVSTGVFTR.E	33
PLOG-1379	proteomics_log	839636	839665	-	6	10	R.TANTKDVSNNK.I	14
PLOG-1380	proteomics_log	839666	839758	-	6	113	R.VKQDYLMTAIMGGASNITQPTSDVNSWTWSR.T	35
PLOG-1381	proteomics_log	839780	839815	-	6	22	R.FEHDINDNTTIR.N	16
PLOG-1382	proteomics_log	840011	840058	-	6	79	R.YGVAPSVAFGLGTANR.L	20
PLOG-1383	proteomics_log	840059	840097	-	6	12	K.THDAGRDKVKNER.Y	17
PLOG-1384	proteomics_log	840059	840118	-	6	2	R.LNVMGEKTHDAGRDKVKNER.Y	24
PLOG-1385	proteomics_log	840068	840097	-	6	2	K.THDAGRDKVK.N	14
PLOG-1386	proteomics_log	840098	840169	-	6	8	R.RGTLDVNQVIGDTTAVRLNVMGEK.T	28
PLOG-1387	proteomics_log	840119	840166	-	6	8	R.GTLDVNQVIGDTTAVR.L	20
PLOG-1388	proteomics_log	840119	840169	-	6	31	R.RGTLDVNQVIGDTTAVR.L	21
PLOG-1389	proteomics_log	840170	840220	-	6	80	R.NDSGIDASASIGSAWFR.R	21
PLOG-1390	proteomics_log	840170	840265	-	6	2	R.SAPTGSINMISKQPRNDSGIDASASIGSAWFR.R	36
PLOG-1391	proteomics_log	840221	840265	-	6	2	R.SAPTGSINM*ISKQPR.N	20
PLOG-1392	proteomics_log	840221	840265	-	6	56	R.SAPTGSINMISKQPR.N	19
PLOG-1393	proteomics_log	840266	840328	-	6	21	R.DTFNTEQVEVIKGPSGTDYGR.S	25
PLOG-1394	proteomics_log	840266	840349	-	6	2	R.DIGSVSRDTFNTEQVEVIKGPSGTDYGR.S	32
PLOG-1395	proteomics_log	840293	840328	-	6	2	R.DTFNTEQVEVIK.G	16
PLOG-1396	proteomics_log	840329	840391	-	6	5	R.GADTSNSIYIDGIRDIGSVSR.D	25
PLOG-1397	proteomics_log	840350	840391	-	6	2	R.GADTSNSIYIDGIR.D	18
PLOG-1398	proteomics_log	840467	840502	-	6	3	K.DQGATNLTDALK.N	16
PLOG-1399	proteomics_log	840467	840535	-	6	6	R.TMTVISEQVIKQGATNLTDALK.N	27
PLOG-1400	proteomics_log	840536	840565	-	6	47	K.FSRPVADTTR.T	14
PLOG-1401	proteomics_log	840566	840655	-	6	5	A.AEGQTNADDTLVVEASTPSLYAPQQSADPK.F	34
PLOG-1402	proteomics_log	844967	844993	-	6	4	R.LQEFLQHVS.-	13
PLOG-1403	proteomics_log	844994	845047	-	6	15	R.IAEDGNPQVLIKNPPSQR.L	22
PLOG-1404	proteomics_log	845048	845071	-	6	2	R.LIFIDKGR.I	12
PLOG-1405	proteomics_log	845084	845155	-	6	6	K.VMQDLAEEGMTMVIVTHEIGFAEK.V	28
PLOG-1406	proteomics_log	845156	845218	-	6	6	K.MMLFDEPTSALDPELRHEVLK.V	25
PLOG-1407	proteomics_log	845171	845218	-	6	20	K.MMLFDEPTSALDPELR.H	20
PLOG-1408	proteomics_log	845255	845299	-	6	13	R.AHHYPSELSGGQQQR.V	19
PLOG-1409	proteomics_log	845318	845368	-	6	2	R.GANKEEAEKLARELLAK.V	21
PLOG-1410	proteomics_log	845333	845368	-	6	41	R.GANKEEAEKLAR.E	16
PLOG-1411	proteomics_log	845369	845467	-	6	2	R.LIRQEAGMVFFQFYLFPHLTALENVFGLRVR.G	37
PLOG-1412	proteomics_log	845375	845458	-	6	25	R.QEAGMVFFQFYLFPHLTALENVFGLR.V	32
PLOG-1413	proteomics_log	845375	845467	-	6	6	R.LIRQEAGMVFFQFYLFPHLTALENVFGLR.V	35
PLOG-1414	proteomics_log	846505	846537	-	5	4	R.ENGTYNEIYKK.W	15
PLOG-1415	proteomics_log	846505	846546	-	5	8	K.TLRENGTYNEIYKK.W	18
PLOG-1416	proteomics_log	846505	846588	-	5	4	K.GSDELRDKVNGALKTLRENGTYNEIYKK.W	32
PLOG-1417	proteomics_log	846538	846588	-	5	3	K.GSDELRDKVNGALKTLR.E	21
PLOG-1418	proteomics_log	846547	846588	-	5	30	K.GSDELRDKVNGALK.T	18
PLOG-1419	proteomics_log	846589	846639	-	5	89	K.AVGDSLEAQYGIAPFK.G	21
PLOG-1420	proteomics_log	846589	846663	-	5	9	K.TAGNGQFKAVGDSLEAQYGIAPFK.G	29
PLOG-1421	proteomics_log	846607	846639	-	5	2	K.AVGDSLEAQY.G	15

PLOG-1422	proteomics_log	846640	846663	-	5	2	K.TAGNGQFK.A	12
PLOG-1423	proteomics_log	846664	846711	-	5	87	R.ADAVLHDTPNILYFIK.T	20
PLOG-1424	proteomics_log	846664	846759	-	5	3	R.QFPNIDNAYM*ELGTNRADAVLHDTPNILYFIK.T	37
PLOG-1425	proteomics_log	846664	846759	-	5	95	R.QFPNIDNAYMELGTNRADAVLHDTPNILYFIK.T	36
PLOG-1426	proteomics_log	846664	846768	-	5	5	K.DLRQFPNIDNAYMELGTNRADAVLHDTPNILYFIK.T	39
PLOG-1427	proteomics_log	846712	846759	-	5	65	R.QFPNIDNAYMELGTNR.A	20
PLOG-1428	proteomics_log	846760	846786	-	5	5	K.ANIKTKDLR.Q	13
PLOG-1429	proteomics_log	846760	846816	-	5	5	K.SGTGSVDYAKANIKTKDLR.Q	23
PLOG-1430	proteomics_log	846775	846816	-	5	8	K.SGTGSVDYAKANIK.T	18
PLOG-1431	proteomics_log	846787	846855	-	5	2	K.SVKDLDGKVVAVKSGTGSVDYAK.A	27
PLOG-1432	proteomics_log	846817	846846	-	5	16	K.DLDGKVVAVK.S	14
PLOG-1433	proteomics_log	846817	846855	-	5	49	K.SVKDLDGKVVAVK.S	17
PLOG-1434	proteomics_log	846817	846876	-	5	12	K.ANNNDVKSVKDLDGKVVAVK.S	24
PLOG-1435	proteomics_log	846847	846876	-	5	11	K.ANNNDVKSVK.D	14
PLOG-1436	proteomics_log	846877	846900	-	5	37	K.SGLLMVK.A	12
PLOG-1437	proteomics_log	846877	846930	-	5	10	K.AIDFSDGYYSGLLMVK.A	22
PLOG-1438	proteomics_log	846877	846936	-	5	2	R.KKAIDFSDGYYSGLLM*VK.A	25
PLOG-1439	proteomics_log	846901	846930	-	5	18	K.AIDFSDGYYS.S	14
PLOG-1440	proteomics_log	846901	846933	-	5	2	K.KAIDFSDGYYS.S	15
PLOG-1441	proteomics_log	846901	846936	-	5	4	R.KKAIDFSDGYYS.S	16
PLOG-1442	proteomics_log	846931	846981	-	5	23	K.NVDLALAGITITDERKK.A	21
PLOG-1443	proteomics_log	846934	846981	-	5	4	K.NVDLALAGITITDERK.K	20
PLOG-1444	proteomics_log	846937	846981	-	5	49	K.NVDLALAGITITDER.K	19
PLOG-1445	proteomics_log	846982	847041	-	5	22	K.LDYELKPMDFSGIIPALQTK.N	24
PLOG-1446	proteomics_log	846982	847050	-	5	2	K.ELKLDYELKPM*DFSGIIPALQTK.N	28
PLOG-1447	proteomics_log	846982	847050	-	5	119	K.ELKLDYELKPMDFSGIIPALQTK.N	27
PLOG-1448	proteomics_log	847105	847149	-	5	31	K.LVVATDTAFVPEFK.Q	19
PLOG-1449	proteomics_log	847105	847152	-	5	10	K.KLVVATDTAFVPEFK.Q	20
PLOG-1450	proteomics_log	847634	847675	-	6	80	R.DLDKFLWFIESNIE.-	18
PLOG-1451	proteomics_log	847634	847732	-	6	73	K.AIGEAKDDDTADILTAASRDLDKFLWFIESNIE.-	37
PLOG-1452	proteomics_log	847634	847735	-	6	38	R.KAIGEAKDDDTADILTAASRDLDKFLWFIESNIE.-	38
PLOG-1453	proteomics_log	847676	847714	-	6	12	K.DDDTADILTAASR.D	17
PLOG-1454	proteomics_log	847676	847732	-	6	12	K.AIGEAKDDDTADILTAASR.D	23
PLOG-1455	proteomics_log	847676	847735	-	6	15	R.KAIGEAKDDDTADILTAASR.D	24
PLOG-1456	proteomics_log	847676	847759	-	6	2	Y.AIVANDVRKAIGEAKDDDTADILTAASR.D	32
PLOG-1457	proteomics_log	847733	847762	-	6	8	R.YAIVANDVRK.A	14
PLOG-1458	proteomics_log	847733	847819	-	6	2	K.SYPLDIHNVQDHLKELADRYAIVANDVRK.A	33
PLOG-1459	proteomics_log	847733	847831	-	6	3	K.TPLKSYPLDIHNVQDHLKELADRYAIVANDVRK.A	37
PLOG-1460	proteomics_log	847736	847762	-	6	4	R.YAIVANDVR.K	13
PLOG-1461	proteomics_log	847736	847831	-	6	4	K.TPLKSYPLDIHNVQDHLKELADRYAIVANDVR.K	36
PLOG-1462	proteomics_log	847763	847831	-	6	6	K.TPLKSYPLDIHNVQDHLKELADR.Y	27
PLOG-1463	proteomics_log	847778	847831	-	6	7	K.TPLKSYPLDIHNVQDHLK.E	22
PLOG-1464	proteomics_log	847832	847885	-	6	35	R.AVQLGGVALGTTQVINSK.T	22
PLOG-1465	proteomics_log	847832	847924	-	6	10	R.TALIDHLDTMAERAVQLGGVALGTTQVINSK.T	35
PLOG-1466	proteomics_log	847886	847924	-	6	3	R.TALIDHLDTM*AER.A	18
PLOG-1467	proteomics_log	847886	847924	-	6	69	R.TALIDHLDTMAER.A	17

PLOG-1468	proteomics_log	847886	847969	-	6	3	R.GANFIHAVHEM*LDGFRTALIDHLDTM*AER.A	34
PLOG-1469	proteomics_log	847886	847969	-	6	4	R.GANFIAVHEMLDGFRTALIDHLDTM*AER.A	33
PLOG-1470	proteomics_log	847886	847969	-	6	5	R.GANFIHAVHEM*LDGFRTALIDHLDTMAER.A	33
PLOG-1471	proteomics_log	847886	847969	-	6	94	R.GANFIAVHEMLDGFRTALIDHLDTMAER.A	32
PLOG-1472	proteomics_log	847925	847969	-	6	4	R.GANFIHAVHEM*LDGFR.T	20
PLOG-1473	proteomics_log	847925	847969	-	6	127	R.GANFIAVHEMLDGFRTALIDHLDTMAER.A	19
PLOG-1474	proteomics_log	847991	848029	-	6	139	R.QVIQFIDLSLITK.Q	17
PLOG-1475	proteomics_log	847991	848080	-	6	12	R.NDVSDSEKKATVELLNRQVIQFIDLSLITK.Q	34
PLOG-1476	proteomics_log	848030	848053	-	6	3	K.ATVELLNR.Q	12
PLOG-1477	proteomics_log	848030	848056	-	6	2	K.KATVELLNR.Q	13
PLOG-1478	proteomics_log	848030	848080	-	6	10	R.NDVSDSEKKATVELLNR.Q	21
PLOG-1479	proteomics_log	848030	848104	-	6	5	K.ATNLLYTRNDVSDSEKKATVELLNR.Q	29
PLOG-1480	proteomics_log	848030	848110	-	6	3	K.SKATNLLYTRNDVSDSEKKATVELLNR.Q	31
PLOG-1481	proteomics_log	848054	848080	-	6	4	R.NDVSDSEKK.A	13
PLOG-1482	proteomics_log	848054	848110	-	6	3	K.SKATNLLYTRNDVSDSEKK.A	23
PLOG-1483	proteomics_log	848081	848104	-	6	3	K.ATNLLYTR.N	12
PLOG-1484	proteomics_log	848081	848110	-	6	71	K.SKATNLLYTR.N	14
PLOG-1485	proteomics_log	848105	848131	-	6	9	M.STAKLVKSK.A	13
PLOG-1486	proteomics_log	852110	852169	-	6	8	K.VRLM*LLSM*LCDM*VNNKPQQD.K	27
PLOG-1487	proteomics_log	854074	854142	-	5	17	K.SVQTVTGPQPDVDQVVLDEAIKNR.S	27
PLOG-1488	proteomics_log	854080	854142	-	5	9	K.SVQTVTGPQPDVDQVVLDEAIK.N	25
PLOG-1489	proteomics_log	854143	854223	-	5	69	R.YIEVHNPLSTTEAQFEGQEIVPITLTK.S	31
PLOG-1490	proteomics_log	854224	854277	-	5	43	R.VQFIDEVPKATTEPDGSR.Y	22
PLOG-1491	proteomics_log	854224	854331	-	5	2	R.LRNEDIKFLFEKVPVGTTRVQFIDEVPKATTEPDGSR.Y	40
PLOG-1492	proteomics_log	854278	854310	-	5	29	K.FLFEKVPVGTTR.V	15
PLOG-1493	proteomics_log	854278	854331	-	5	32	R.LRNEDIKFLFEKVPVGTTR.V	22
PLOG-1494	proteomics_log	854353	854400	-	5	153	R.LYAIHGTNANFGIGLR.V	20
PLOG-1495	proteomics_log	854353	854400	-	5	153	R.LYAIHGTNANFGIGLR.V	20
PLOG-1496	proteomics_log	854401	854451	-	5	70	V.PAGPDNPMGLYALYIGR.L	21
PLOG-1497	proteomics_log	854401	854481	-	5	12	R.AAGEPLPAVVPAGPDNPM*GLYALYIGR.L	32
PLOG-1498	proteomics_log	854401	854481	-	5	219	R.AAGEPLPAVVPAGPDNPMGLYALYIGR.L	31
PLOG-1499	proteomics_log	854419	854481	-	5	5	R.AAGEPLPAVVPAGPDNPM*GLY.A	26
PLOG-1500	proteomics_log	854500	854532	-	5	3	K.KAGPTWTPTAK.M	15
PLOG-1501	proteomics_log	854500	854535	-	5	5	R.KKAGPTWTPTAK.M	16
PLOG-1502	proteomics_log	854536	854622	-	5	2	K.GTNTVIVLPIGIGQLGKDTPINWTTKVER.K	33
PLOG-1503	proteomics_log	854545	854622	-	5	3	K.GTNTVIVLPIGIGQLGKDTPINWTTK.V	30
PLOG-1504	proteomics_log	854572	854622	-	5	19	K.GTNTVIVLPIGIGQLGK.D	21
PLOG-1505	proteomics_log	854641	854727	-	5	5	K.GGTVLNIPQQQLILPDTVHEGIVINSAEM*R.L	34
PLOG-1506	proteomics_log	854641	854727	-	5	194	K.GGTVLNIPQQQLILPDTVHEGIVINSAEMR.L	33
PLOG-1507	proteomics_log	858147	858206	-	4	9	R.AQLGDVQQIFNQLSDDIATR.V	24
PLOG-1508	proteomics_log	858439	858519	-	5	14	R.YATDDNNHEGALNVIQAVLDNTSPFNS.-	31
PLOG-1509	proteomics_log	858532	858570	-	5	3	R.YSFAMGNAENIK.Q	17
PLOG-1510	proteomics_log	859195	859239	-	5	5	K.VIVTDMGD92FLNDAK.T	19
PLOG-1511	proteomics_log	864598	864633	-	5	4	K.LSGNTASGLPAR.Q	16
PLOG-1512	proteomics_log	864763	864801	-	5	3	K.TILEELGEIAFWK.L	17
PLOG-1513	proteomics_log	865060	865122	-	5	18	R.LTTAELPVIASLGAIEVPVIR.K	25

PLOG-1514	proteomics_log	865123	865176	-	5	3	R.RRGEDISAGAVFPAGTR.L	22
PLOG-1515	proteomics_log	865351	865395	-	5	39	R.LADIASGQPLPVAGK.S	19
PLOG-1516	proteomics_log	865396	865473	-	5	7	R.ILASDVVSPLDVPGFDNSAM*DGAVR.L	31
PLOG-1517	proteomics_log	865396	865473	-	5	48	R.ILASDVVSPLDVPGFDNSAMDGYAVR.L	30
PLOG-1518	proteomics_log	865528	865587	-	5	2	F.MEFTTGLM*SLDTALNEMLSR.V	25
PLOG-1519	proteomics_log	865528	865587	-	5	4	F.M*EFTTGLMSLDTALNEMLSR.V	25
PLOG-1520	proteomics_log	865528	865587	-	5	2	F.M*EFTTGLM*SLDTALNEMLSR.V	26
PLOG-1521	proteomics_log	865528	865587	-	5	174	F.MEFTTGLMSLDTALNEMLSR.V	24
PLOG-1522	proteomics_log	867248	867298	-	6	4	G.GMTAPSQSSLAGASRQR.V	21
PLOG-1523	proteomics_log	876278	876355	-	6	2	R.STFIVGFPGETEEDFQMLLDLFLKEAR.L	30
PLOG-1524	proteomics_log	876287	876355	-	6	4	R.STFIVGFPGETEEDFQM*LLDFLK.E	28
PLOG-1525	proteomics_log	876287	876355	-	6	48	R.STFIVGFPGETEEDFQMLLDLFLK.E	27
PLOG-1526	proteomics_log	876494	876556	-	6	11	R.LHYVYPYPHVDDVIPLMAEGK.I	25
PLOG-1527	proteomics_log	879140	879247	-	6	16	K.WFSGDEFGVGDIAIAPFIYNLFNVGLTWTTPRPNLQR.W	40
PLOG-1528	proteomics_log	879140	879253	-	6	5	K.VKWFGSDEFGVGDIAIAPFIYNLFNVGLTWTTPRPNLQR.W	42
PLOG-1529	proteomics_log	879347	879370	-	6	5	R.GILMGLVR.T	12
PLOG-1530	proteomics_log	879371	879427	-	6	4	R.AEAEKWMDWANQTLNAHR.G	23
PLOG-1531	proteomics_log	879371	879430	-	6	6	R.RAEAEKWMDWANQTLNAHR.G	24
PLOG-1532	proteomics_log	879458	879484	-	6	2	R.YLAAQYGQK.R	13
PLOG-1533	proteomics_log	879485	879601	-	6	21	R.EFGINHADFLAMNPNGLVPLLRDDESILWESNAIVR.Y	43
PLOG-1534	proteomics_log	879602	879658	-	6	49	K.VLLTLEELELPYEQILAGR.E	23
PLOG-1535	proteomics_log	879602	879661	-	6	36	K.KVLLTLEELELPYEQILAGR.E	24
PLOG-1536	proteomics_log	881325	881351	-	4	2	K.HVLVVDHSK.F	13
PLOG-1537	proteomics_log	884542	884616	-	5	2	R.AGSNNREGVLDVIDKVLKHEAPFDQ.-	29
PLOG-1538	proteomics_log	886266	886343	-	4	2	R.FGTRNVILVTMSCALIGMMILSLALW.L	30
PLOG-1539	proteomics_log	888332	888394	-	6	2	R.AYRVGPELVAVTDGKNLREL.G.I	25
PLOG-1540	proteomics_log	889380	889424	-	4	2	S.GCPAARKAPFMCVAR.K	19
PLOG-1541	proteomics_log	889953	889976	-	4	4	I.MQTVIFGR.S	12
PLOG-1542	proteomics_log	899070	899141	-	4	2	K.LNNALAAIKADGTYQKISDQWFPQ.-	28
PLOG-1543	proteomics_log	899070	899156	-	4	63	K.ALLEKLNNALAAIKADGTYQKISDQWFPQ.-	33
PLOG-1544	proteomics_log	899094	899141	-	4	31	K.LNNALAAIKADGTYQK.I	20
PLOG-1545	proteomics_log	899094	899156	-	4	166	K.ALLEKLNNALAAIKADGTYQK.I	25
PLOG-1546	proteomics_log	899115	899141	-	4	10	K.LNNALAAIK.A	13
PLOG-1547	proteomics_log	899115	899156	-	4	83	K.ALLEKLNNALAAIK.A	18
PLOG-1548	proteomics_log	899157	899216	-	4	15	K.VTDPQYFGTGLGIAVRPDNK.A	24
PLOG-1549	proteomics_log	899157	899249	-	4	29	K.TNPQLGVATEKVTDPQYFGTGLGIAVRPDNK.A	35
PLOG-1550	proteomics_log	899217	899249	-	4	41	K.TNPQLGVATEK.V	15
PLOG-1551	proteomics_log	899217	899297	-	4	16	R.IDGVFGDTAVVNEWLKTNPQLGVATEK.V	31
PLOG-1552	proteomics_log	899250	899297	-	4	85	R.IDGVFGDTAVVNEWLK.T	20
PLOG-1553	proteomics_log	899250	899306	-	4	14	K.NGRIDGVFGDTAVVNEWLK.T	23
PLOG-1554	proteomics_log	899298	899351	-	4	3	K.TVSYDSYQNAFIDLKNGR.I	22
PLOG-1555	proteomics_log	899307	899351	-	4	71	K.TVSYDSYQNAFIDLK.N	19
PLOG-1556	proteomics_log	899352	899381	-	4	127	K.YIQDQHPEVK.T	14
PLOG-1557	proteomics_log	899352	899414	-	4	13	R.IGM*ENGTTHQKYIQDQHPEVK.T	26
PLOG-1558	proteomics_log	899352	899414	-	4	73	R.IGMENGTTTHQKYIQDQHPEVK.T	25
PLOG-1559	proteomics_log	899352	899417	-	4	2	K.RIGM*ENGTTHQKYIQDQHPEVK.T	27



PLOG-1560	proteomics_log	899352	899417	-	4	4	K.RIGMENGTTTHQKYIQDQHPEVK.T	26
PLOG-1561	proteomics_log	899382	899414	-	4	19	R.IGM*ENGTTHQK.Y	16
PLOG-1562	proteomics_log	899382	899414	-	4	94	R.IGMENGTTTHQK.Y	15
PLOG-1563	proteomics_log	899382	899417	-	4	19	K.RIGMENGTTTHQK.Y	16
PLOG-1564	proteomics_log	899415	899441	-	4	7	K.TFADLKGKR.I	13
PLOG-1565	proteomics_log	899415	899456	-	4	9	K.KDITYKTFADLKGKR.I	18
PLOG-1566	proteomics_log	899418	899456	-	4	5	K.KDITYKTFADLKGK.R	17
PLOG-1567	proteomics_log	899424	899456	-	4	12	K.KDITYKTFADLK.G	15
PLOG-1568	proteomics_log	899457	899510	-	4	58	K.QVSFTTPYYENSAVVIK.K	22
PLOG-1569	proteomics_log	899457	899516	-	4	142	R.SKQVSFTTPYYENSAVVIK.K	24
PLOG-1570	proteomics_log	899457	899546	-	4	12	V.ISGM*DITPERSKQVSFTTPYYENSAVVIK.K	35
PLOG-1571	proteomics_log	899517	899558	-	4	6	K.YDAVISGM*DITPER.S	19
PLOG-1572	proteomics_log	899517	899558	-	4	40	K.YDAVISGMDITPER.S	18
PLOG-1573	proteomics_log	899517	899561	-	4	9	R.KYDAVISGM*DITPER.S	20
PLOG-1574	proteomics_log	899517	899561	-	4	425	R.KYDAVISGMDITPER.S	19
PLOG-1575	proteomics_log	899517	899567	-	4	3	K.FRKYDAVISGM*DITPER.S	22
PLOG-1576	proteomics_log	899517	899567	-	4	39	K.FRKYDAVISGMDITPER.S	21
PLOG-1577	proteomics_log	899643	899732	-	4	28	K.INFGVSATYPPFESIGANNEIVGFDIDLAK.A	34
PLOG-1578	proteomics_log	899643	899741	-	4	193	A.AEKINFGVSATYPPFESIGANNEIVGFDIDLAK.A	37
PLOG-1579	proteomics_log	901483	901524	-	5	2	K.DGTYETIYNKWFQK.-	18
PLOG-1580	proteomics_log	901483	901533	-	5	45	K.VKKDGTYETIYNKWFQK.-	21
PLOG-1581	proteomics_log	901495	901524	-	5	3	K.DGTYETIYNK.W	14
PLOG-1582	proteomics_log	901495	901533	-	5	8	K.VKKDGTYETIYNK.W	17
PLOG-1583	proteomics_log	901534	901554	-	5	3	K.LNTALEK.V	11
PLOG-1584	proteomics_log	901534	901581	-	5	43	R.QGNTELQQLNTALEK.V	20
PLOG-1585	proteomics_log	901555	901581	-	5	7	R.QGNTELQQL.L	13
PLOG-1586	proteomics_log	901582	901629	-	5	4	K.VTDKDYFGTGLGI AVR.Q	20
PLOG-1587	proteomics_log	901582	901650	-	5	101	K.LAAVGDKVTDKDYFGTGLGI AVR.Q	27
PLOG-1588	proteomics_log	901606	901710	-	5	2	R.IDGVFGDTAVVTEWLKDNPKLAAVGDKVTDKDYFG.T	39
PLOG-1589	proteomics_log	901651	901710	-	5	4	R.IDGVFGDTAVVTEWLKDNPK.L	24
PLOG-1590	proteomics_log	901651	901731	-	5	5	K.LDLQNGRIDGVFGDTAVVTEWLKDNPK.L	31
PLOG-1591	proteomics_log	901663	901710	-	5	3	R.IDGVFGDTAVVTEWLK.D	20
PLOG-1592	proteomics_log	901732	901794	-	5	22	K.FIMDKHPEITTPYDSYQNAK.L	25
PLOG-1593	proteomics_log	901795	901827	-	5	105	K.VGVQNGTTHQK.F	15
PLOG-1594	proteomics_log	901795	901830	-	5	59	K.KVGVQNGTTHQK.F	16
PLOG-1595	proteomics_log	901828	901860	-	5	3	K.YTSVDQLKGKK.V	15
PLOG-1596	proteomics_log	901861	901923	-	5	26	K.QVLFTTPYYDNSALFVGQQGK.Y	25
PLOG-1597	proteomics_log	901924	901971	-	5	3	R.VEAVMAGMDITPEREK.Q	20
PLOG-1598	proteomics_log	901924	901974	-	5	3	R.RVEAVM*AGM*DITPEREK.Q	23
PLOG-1599	proteomics_log	901924	901974	-	5	3	R.RVEAVM*AGMDITPEREK.Q	22
PLOG-1600	proteomics_log	901924	901974	-	5	13	R.RVEAVMAGMDITPEREK.Q	21
PLOG-1601	proteomics_log	901930	901971	-	5	2	R.VEAVMAGMDITPER.E	18
PLOG-1602	proteomics_log	901930	901974	-	5	11	R.RVEAVMAGMDITPER.E	19
PLOG-1603	proteomics_log	902403	902495	-	4	10	R.ALM*M*EPQVLLFDEPTAALDPEITAQIVSIIR.E	37
PLOG-1604	proteomics_log	902403	902495	-	4	29	R.ALMMEPQVLLFDEPTAALDPEITAQIVSIIR.E	35
PLOG-1605	proteomics_log	902595	902630	-	4	2	R.VLGLSKDQALAR.A	16

PLOG-1606	proteomics_log	902793	902819	-	4	5	R.VLNLLEMPR.S	13
PLOG-1607	proteomics_log	903349	903402	-	5	8	R.TTLPDSAHVASASTIPNR.D	22
PLOG-1608	proteomics_log	903403	903522	-	5	4	R.SNDITALRPYLSDKLATLLSDASRDNNHRELLTNDPFSSR.T	44
PLOG-1609	proteomics_log	903451	903522	-	5	9	R.SNDITALRPYLSDKLATLLSDASR.D	28
PLOG-1610	proteomics_log	907534	907566	-	5	2	R.EQLAEVAAHWR.A	15
PLOG-1611	proteomics_log	907534	907593	-	5	52	R.LVTHLDVSREQLAEVAAHWR.A	24
PLOG-1612	proteomics_log	907594	907626	-	5	65	R.NVLINASPVR.L	15
PLOG-1613	proteomics_log	907633	907674	-	5	13	R.VGEENAAALGEYMK.A	18
PLOG-1614	proteomics_log	907774	907830	-	5	5	R.QSGILAAAGIYALKNNVAR.L	23
PLOG-1615	proteomics_log	907885	907926	-	5	6	K.GLGTPVGSLLVGNR.D	18
PLOG-1616	proteomics_log	908011	908040	-	5	18	R.NLALHVDGAR.I	14
PLOG-1617	proteomics_log	908080	908130	-	5	2	R.TKLLSLENTHNGKVLPR.E	21
PLOG-1618	proteomics_log	908371	908475	-	5	5	R.AM*LEAM*M*AAPVGDDVYGDPTVNALQDYAAELSGK.E	42
PLOG-1619	proteomics_log	908557	908616	-	5	4	R.AIISGRGDEVIELAKTNWLR.-	24
PLOG-1620	proteomics_log	908572	908616	-	5	2	R.AIISGRGDEVIELAK.T	19
PLOG-1621	proteomics_log	908617	908640	-	5	2	K.GFSLYMLR.A	12
PLOG-1622	proteomics_log	916535	916615	-	6	3	Q.ATESIMGCKRVSGSSISNNGRASLSSR.N	31
PLOG-1623	proteomics_log	917456	917518	-	6	2	W.ESVGVCDAERHYRLPAQIAR.K	25
PLOG-1624	proteomics_log	918080	918142	-	6	4	R.LSVEWMNELSHWPNLNVLLTR.Q	25
PLOG-1625	proteomics_log	918224	918280	-	6	15	R.TFTPSELSSLSLFLSLAR.G	23
PLOG-1626	proteomics_log	919720	919788	-	5	9	R.GNILTGDAIGAAGGLIQTAEIN.H.Q	27
PLOG-1627	proteomics_log	921643	921684	-	5	3	K.AGQSVQFDVHQPK.G	18
PLOG-1628	proteomics_log	921775	921813	-	5	2	S.MEKGTVKWFNNAK.G	17
PLOG-1629	proteomics_log	925469	925528	-	6	51	R.ILTGDKVTVELTPYDLSKGR.I	24
PLOG-1630	proteomics_log	925475	925510	-	6	2	K.VTVELTPYDLSK.G	16
PLOG-1631	proteomics_log	925475	925528	-	6	303	R.ILTGDKVTVELTPYDLSK.G	22
PLOG-1632	proteomics_log	925550	925597	-	6	169	R.VELENHVVTAHISGK.M	20
PLOG-1633	proteomics_log	925562	925597	-	6	3	R.VELENHVVTAH.I	16
PLOG-1634	proteomics_log	925598	925648	-	6	9	N.IEMQGTVLETLPTMFR.V	21
PLOG-1635	proteomics_log	925598	925663	-	6	2	M.AKEDNIEM*QGTVLETLPTM*FR.V	28
PLOG-1636	proteomics_log	925598	925663	-	6	2	M.AKEDNIEM*QGTVLETLPTMFR.V	27
PLOG-1637	proteomics_log	925598	925663	-	6	105	M.AKEDNIEMQGTVLETLPTMFR.V	26
PLOG-1638	proteomics_log	926853	926957	-	4	14	R.ALLHDAPLVLLDEPTEGLDATTESQILELLAEMMR.E	39
PLOG-1639	proteomics_log	929052	929096	-	4	3	K.TLAGPLNFTLPAGQR.A	19
PLOG-1640	proteomics_log	930311	930337	-	6	16	R.YLDGLADAK.-	13
PLOG-1641	proteomics_log	930392	930478	-	6	37	K.VQSGIHGNATQTSIPGVFAAGDVMMDHIYR.Q	33
PLOG-1642	proteomics_log	930608	930655	-	6	3	R.TLEEVTDGDM*GVTGVR.L	21
PLOG-1643	proteomics_log	930608	930655	-	6	59	R.TLEEVTDGDMGVTGVR.L	20
PLOG-1644	proteomics_log	930608	930703	-	6	8	R.LMDKVENGNIILHTNRTLEEVTDGDMGVTGVR.L	36
PLOG-1645	proteomics_log	930656	930703	-	6	5	R.LM*DKVENGNIILHTNR.T	21
PLOG-1646	proteomics_log	930656	930703	-	6	68	R.LMDKVENGNIILHTNR.T	20
PLOG-1647	proteomics_log	930656	930706	-	6	2	K.RLM*DKVENGNIILHTNR.T	22
PLOG-1648	proteomics_log	930704	930739	-	6	9	R.DGFRAEKILIKR.L	16
PLOG-1649	proteomics_log	930740	930829	-	6	113	K.VAVIGGGNTAVEEALYLSNIASEVHLIHRR.D	34
PLOG-1650	proteomics_log	930740	930838	-	6	6	R.NQKVAVIGGGNTAVEEALYLSNIASEVHLIHRR.D	37
PLOG-1651	proteomics_log	930743	930829	-	6	37	K.VAVIGGGNTAVEEALYLSNIASEVHLIHR.R	33

PLOG-1652	proteomics_log	930881	930919	-	6	55	R.YLGLPSEEFKGR.G	17
PLOG-1653	proteomics_log	931070	931153	-	6	2	K.GGQLTTTTTEVENWPGDPNDLTGPLLM*ER.M	33
PLOG-1654	proteomics_log	931070	931153	-	6	17	K.GGQLTTTTTEVENWPGDPNDLTGPLLMER.M	32
PLOG-1655	proteomics_log	931070	931192	-	6	3	R.ANLQPVLITGMEKGGQLTTTTTEVENWPGDPNDLTGPLLMER.M	45
PLOG-1656	proteomics_log	931154	931192	-	6	6	R.ANLQPVLITGM*EK.G	18
PLOG-1657	proteomics_log	931154	931192	-	6	130	R.ANLQPVLITGMEK.G	17
PLOG-1658	proteomics_log	931193	931249	-	6	321	K.LLILGSGPAGYTAAVYAAR.A	23
PLOG-1659	proteomics_log	931193	931270	-	6	5	M.GTTKHSKLLILGSGPAGYTAAVYAAR.A	30
PLOG-1660	proteomics_log	931202	931249	-	6	7	K.LLILGSGPAGYTA.VY.A	20
PLOG-1661	proteomics_log	931211	931249	-	6	5	K.LLILGSGPAGYTA.A	17
PLOG-1662	proteomics_log	931214	931249	-	6	5	K.LLILGSGPAGYT.A	16
PLOG-1663	proteomics_log	931217	931249	-	6	2	K.LLILGSGPAGY.T	15
PLOG-1664	proteomics_log	942036	942092	-	4	3	R.IFTEGFISNVMLPLWVALFK.D	23
PLOG-1665	proteomics_log	944196	944258	-	4	6	R.DWRNDIEGLATLFSNHIPDYR.N	25
PLOG-1666	proteomics_log	944562	944636	-	4	21	K.YFNLPTILTTSFETGPNGLVPELK.A	29
PLOG-1667	proteomics_log	944637	944669	-	4	3	K.NNVLALGDLAK.Y	15
PLOG-1668	proteomics_log	944637	944693	-	4	2	R.DIEPDKFKNNVLALGDLAK.Y	23
PLOG-1669	proteomics_log	944694	944759	-	4	8	R.LDKNDAVLLVDHQAGLLSLVR.D	26
PLOG-1670	proteomics_log	944694	944777	-	4	3	M.TKPYVRLDKNDAVLLVDHQAGLLSLVR.D	32
PLOG-1671	proteomics_log	949908	949967	-	4	8	R.YDPVIDELLEVTDLVMLDLK.Q	24
PLOG-1672	proteomics_log	949908	949970	-	4	22	R.RYDPVIDELLEVTDLVMLDLK.Q	25
PLOG-1673	proteomics_log	950516	950542	-	6	2	K.EQQQDVITR.T	13
PLOG-1674	proteomics_log	950516	950560	-	6	110	R.FNSLTKEQQQDVITR.T	19
PLOG-1675	proteomics_log	950516	950566	-	6	2	A.VRFNSLTKEQQQDVITR.T	21
PLOG-1676	proteomics_log	950576	950638	-	6	4	R.EMLLDAMENPEKYPQLTIRVS.G	25
PLOG-1677	proteomics_log	950582	950638	-	6	2	R.EM*LLDAM*ENPEKYPQLTIR.V	25
PLOG-1678	proteomics_log	950582	950638	-	6	6	R.EM*LLDAMENPEKYPQLTIR.V	24
PLOG-1679	proteomics_log	950582	950638	-	6	6	R.EMLLDAM*ENPEKYPQLTIR.V	24
PLOG-1680	proteomics_log	950582	950638	-	6	228	R.EMLLDAMENPEKYPQLTIR.V	23
PLOG-1681	proteomics_log	950606	950638	-	6	2	R.EMLLDAMENPE.K	15
PLOG-1682	proteomics_log	950639	950728	-	6	8	K.TNLAGLMDGYFHHEASIEGGQHLNVNVMNR.E	34
PLOG-1683	proteomics_log	950639	950731	-	6	2	R.KTNLAGLM*DGYPFHHEASIEGGQHLNVNVM*NR.E	37
PLOG-1684	proteomics_log	950729	950794	-	6	26	K.DGISYTFIVPNALGKDDEV.RK.T	26
PLOG-1685	proteomics_log	950732	950794	-	6	18	K.DGISYTFIVPNALGKDDEV.RK	25
PLOG-1686	proteomics_log	950795	950848	-	6	94	K.GAVASLTSVAKLPFAYAK.D	22
PLOG-1687	proteomics_log	950795	950857	-	6	8	R.DQKGAVASLTSVAKLPFAYAK.D	25
PLOG-1688	proteomics_log	950795	950902	-	6	2	R.AGAPFGPGANPMHGRDQKGAVASLTSVAKLPFAYAK.D	40
PLOG-1689	proteomics_log	950795	950902	-	6	2	R.AGAPFGPGANPM*HGRDQKGAVASLTSVAKLPFAYAK.D	41
PLOG-1690	proteomics_log	950816	950848	-	6	26	K.GAVASLTSVAK.L	15
PLOG-1691	proteomics_log	950816	950848	-	6	26	K.GAVASLTSVAK.L	15
PLOG-1692	proteomics_log	950849	950902	-	6	2	R.AGAPFGPGANPMHGRDQK.G	22
PLOG-1693	proteomics_log	950849	950905	-	6	65	R.RAGAPFGPGANPMHGRDQK.G	23
PLOG-1694	proteomics_log	950858	950902	-	6	16	R.AGAPFGPGANPMHGR.D	19
PLOG-1695	proteomics_log	950858	950905	-	6	2	R.RAGAPFGPGANPM*HGR.D	21
PLOG-1696	proteomics_log	950858	950905	-	6	55	R.RAGAPFGPGANPMHGR.D	20
PLOG-1697	proteomics_log	950930	950989	-	6	2	R.DAIPTQSVLTITSNVYVYGGK.T	24

PLOG-1698	proteomics_log	950930	951004	-	6	17	K.LHTYRDAIPTQSVLTITSNVVYGK.K.T	29
PLOG-1699	proteomics_log	950930	951013	-	6	7	K.IQKLHTYRDAIPTQSVLTITSNVVYGK.K.T	32
PLOG-1700	proteomics_log	950933	950989	-	6	29	R.DAIPTQSVLTITSNVVYGK.K	23
PLOG-1701	proteomics_log	950933	951004	-	6	3	K.LHTYRDAIPTQSVLTITSNVVYGK.K	28
PLOG-1702	proteomics_log	950933	951013	-	6	12	K.IQKLHTYRDAIPTQSVLTITSNVVYGK.K	31
PLOG-1703	proteomics_log	951026	951058	-	6	67	R.VDDLAVDLVER.F	15
PLOG-1704	proteomics_log	951341	951391	-	6	5	K.SEPKIGDVLNYDEVMER.M	21
PLOG-1705	proteomics_log	951392	951469	-	6	10	R.ANLAKTMLYAINGGVDEKLMQVGP.K.S	30
PLOG-1706	proteomics_log	951410	951454	-	6	41	K.TMLYAINGGVDEKLM	19
PLOG-1707	proteomics_log	951410	951469	-	6	24	R.ANLAKTMLYAINGGVDEKLM	24
PLOG-1708	proteomics_log	951416	951454	-	6	10	K.TMLYAINGGVDEK.L	17
PLOG-1709	proteomics_log	951416	951469	-	6	2	R.ANLAKTMLYAINGGVDEK.L	22
PLOG-1710	proteomics_log	951620	951709	-	6	57	R.FLNTLYTMGPSPEPNMTILWSEKPLNFK.F	34
PLOG-1711	proteomics_log	951623	951709	-	6	3	R.FLNTLYTMGPSPEPNMTILWSEKPLNFK.K	33
PLOG-1712	proteomics_log	951710	951736	-	6	28	R.TLVTKNSFR.F	13
PLOG-1713	proteomics_log	951710	951736	-	6	28	R.TLVTKNSFR.F	13
PLOG-1714	proteomics_log	951737	951817	-	6	22	R.TPEYDELFSGDPIWATESIGGMGLDGR.T	31
PLOG-1715	proteomics_log	951737	951826	-	6	3	R.FLRTPEYDELFSGDPIWATESIGGM*GLDGR.T	35
PLOG-1716	proteomics_log	951737	951826	-	6	146	R.FLRTPEYDELFSGDPIWATESIGGMGLDGR.T	34
PLOG-1717	proteomics_log	951836	951907	-	6	6	R.DLKAGKITEQEAQEMVDHLMKLR.M	28
PLOG-1718	proteomics_log	951842	951889	-	6	11	K.ITEQEAQEMVDHLMK.L	20
PLOG-1719	proteomics_log	951842	951898	-	6	4	K.AGKITEQEAQEMVDHLMK.L	23
PLOG-1720	proteomics_log	951842	951907	-	6	2	R.DLKAGKITEQEAQEMVDHLMK.L	26
PLOG-1721	proteomics_log	951908	951940	-	6	8	R.TSTFLDVYIER.D	15
PLOG-1722	proteomics_log	951941	951973	-	6	5	K.SQNGAAMSFR.T	15
PLOG-1723	proteomics_log	951974	952057	-	6	14	K.YGYDISGPATNAQEAIQWTFYGYLAAVK.S	32
PLOG-1724	proteomics_log	952058	952090	-	6	2	R.ALGQM*KEM*AAK.Y	17
PLOG-1725	proteomics_log	952058	952090	-	6	2	R.ALGQM*KEMAAK.Y	16
PLOG-1726	proteomics_log	952058	952090	-	6	13	R.ALGQMKEMAAK.Y	15
PLOG-1727	proteomics_log	952058	952120	-	6	2	R.LREEIAEQHRALGQMKEMAAK.Y	25
PLOG-1728	proteomics_log	952091	952120	-	6	177	R.LREEIAEQHR.A	14
PLOG-1729	proteomics_log	952121	952186	-	6	13	K.LAQFTSLQADLENGVNLEQTIR.L	26
PLOG-1730	proteomics_log	952121	952192	-	6	4	K.DKLAQFTSLQADLENGVNLEQTIR.L	28
PLOG-1731	proteomics_log	952121	952225	-	6	2	R.VALYGIDYLM*KDKLAQFTSLQADLENGVNLEQTIR.L	40
PLOG-1732	proteomics_log	952121	952225	-	6	114	R.VALYGIDYLMKDKLAQFTSLQADLENGVNLEQTIR.L	39
PLOG-1733	proteomics_log	952187	952225	-	6	48	R.VALYGIDYLMKDK.L	17
PLOG-1734	proteomics_log	952247	952291	-	6	4	K.SGVLTPDAYGRGR.I	19
PLOG-1735	proteomics_log	952247	952294	-	6	5	R.KSGVLTGLPDAYGRGR.I	20
PLOG-1736	proteomics_log	952253	952291	-	6	120	K.SGVLTPDAYGR.G	17
PLOG-1737	proteomics_log	952253	952294	-	6	148	R.KSGVLTGLPDAYGR.G	18
PLOG-1738	proteomics_log	952301	952348	-	6	229	K.THNQGVFDVYTPDILR.C	20
PLOG-1739	proteomics_log	952301	952351	-	6	49	R.KTHNQGVFDVYTPDILR.C	21
PLOG-1740	proteomics_log	952301	952369	-	6	120	K.IFTEYRKTHNQGVFDVYTPDILR.C	27
PLOG-1741	proteomics_log	952301	952372	-	6	18	K.IFTEYRKTHNQGVFDVYTPDILR.C	28
PLOG-1742	proteomics_log	952349	952405	-	6	4	K.AYNRELDPMIKKIFTEYR.K	23
PLOG-1743	proteomics_log	952352	952405	-	6	2	K.AYNRELDPMIKKIFTEYR.K	22

PLOG-1744	proteomics_log	952370	952405	-	6	16	K.AYNRELDPMIKK.I	16
PLOG-1745	proteomics_log	952406	952453	-	6	6	R.ALIPFGGIKMIEGSCK.A	20
PLOG-1746	proteomics_log	952454	952489	-	6	79	K.IVGLQTEAPLKR.A	16
PLOG-1747	proteomics_log	952454	952501	-	6	5	K.QLEKIVGLQTEAPLKR.A	20
PLOG-1748	proteomics_log	952454	952576	-	6	27	R.THAPVDFDTAVASTITSHDAGYINKQLEKIVGLQTEAPLKR.A	45
PLOG-1749	proteomics_log	952490	952576	-	6	98	R.THAPVDFDTAVASTITSHDAGYINKQLEK.I	33
PLOG-1750	proteomics_log	952502	952576	-	6	105	R.THAPVDFDTAVASTITSHDAGYINK.Q	29
PLOG-1751	proteomics_log	952577	952606	-	6	20	K.VMEGVKLENR.T	14
PLOG-1752	proteomics_log	952577	952681	-	6	191	K.NYTPYEGDESFLAGATEATTTLWDKVMEGVKLENR.T	39
PLOG-1753	proteomics_log	952577	952696	-	6	4	R.DFIQKNYTPYEGDESFLAGATEATTTLWDKVMEGVKLENR.T	44
PLOG-1754	proteomics_log	952607	952681	-	6	16	K.NYTPYEGDESFLAGATEATTTLWDK.V	29
PLOG-1755	proteomics_log	952682	952726	-	6	60	K.GDWQNEVNVDRDFIQK.N	19
PLOG-1756	proteomics_log	952682	952756	-	6	98	K.LATAWEGFTKGDWQNEVNVDRDFIQK.N	29
PLOG-1757	proteomics_log	952682	952774	-	6	86	M.SELNEKLATAWEGFTKGDWQNEVNVDRDFIQK.N	35
PLOG-1758	proteomics_log	952697	952726	-	6	8	K.GDWQNEVNVDR.D	14
PLOG-1759	proteomics_log	952697	952756	-	6	2	K.LATAWEGFTKGDWQNEVNVDR.D	24
PLOG-1760	proteomics_log	952697	952774	-	6	31	M.SELNEKLATAWEGFTKGDWQNEVNVDR.D	30
PLOG-1761	proteomics_log	952727	952756	-	6	80	K.LATAWEGFTK.G	14
PLOG-1762	proteomics_log	952727	952774	-	6	65	M.SELNEKLATAWEGFTK.G	20
PLOG-1763	proteomics_log	953390	953452	-	6	4	L.ILCVVCADLFTSTVLIVVAK.A	25
PLOG-1764	proteomics_log	955178	955231	-	6	8	R.IIAESISLPEIPADVLAR.Y	22
PLOG-1765	proteomics_log	955619	955657	-	6	5	K.AALASALGEYFER.L	17
PLOG-1766	proteomics_log	958381	958437	-	5	2	P.GAAHPPDDQSGVLSYAAHR.S	23
PLOG-1767	proteomics_log	959659	959700	-	5	2	T.CWIYLRDRCRCPFR.H	18
PLOG-1768	proteomics_log	960107	960154	-	6	6	R.LASVSKLPTSPWVLMR.R	20
PLOG-1769	proteomics_log	960834	960890	-	4	2	R.CARSSEEASRKIFTGASGN.T	23
PLOG-1770	proteomics_log	960978	961049	-	4	3	S.M*LKVVESNTKASAAGTSGATARLR.S	29
PLOG-1771	proteomics_log	961347	961400	-	4	3	D.FQLALGVFELLSRDGGLR.F	22
PLOG-1772	proteomics_log	970540	970668	-	5	2	L.PVDVTTDKACTVAINTKM*TQEVIANGFKAFCKTITIPRNGGAR.E	48
PLOG-1773	proteomics_log	981197	981271	-	6	5	P.QSLPCLKTFNGFHQFIIVGGANGRR.R	29
PLOG-1774	proteomics_log	983811	983852	-	4	21	R.LREEFGVYAVASGR.V	18
PLOG-1775	proteomics_log	983853	983936	-	4	2	K.GANRDFSFIKQNGMFSFSGLTKEQVLR.L	32
PLOG-1776	proteomics_log	983868	983903	-	4	4	K.QNGMFSFSGLTK.E	16
PLOG-1777	proteomics_log	983904	983936	-	4	15	K.GANRDFSFIK.Q	15
PLOG-1778	proteomics_log	983937	983966	-	4	29	R.QLFVNTLQEK.G	14
PLOG-1779	proteomics_log	983937	983972	-	4	3	R.M*RQLFVNTLQEK.G	17
PLOG-1780	proteomics_log	983937	983972	-	4	52	R.MRQLFVNTLQEK.G	16
PLOG-1781	proteomics_log	983982	984020	-	4	3	R.AIWEQELTDMRQR.I	17
PLOG-1782	proteomics_log	983988	984020	-	4	2	R.AIWEQELTDM*R.Q	16
PLOG-1783	proteomics_log	983988	984020	-	4	65	R.AIWEQELTDMR.Q	15
PLOG-1784	proteomics_log	984021	984092	-	4	54	R.ANYSNPPAHGASVVATILSNDALR.A	28
PLOG-1785	proteomics_log	984021	984104	-	4	34	K.AAIRANYSNPPAHGASVVATILSNDALR.A	32
PLOG-1786	proteomics_log	984123	984155	-	4	3	T.LVAADSETVDR.A	15
PLOG-1787	proteomics_log	984171	984194	-	4	4	K.NFGLYNER.V	12
PLOG-1788	proteomics_log	984171	984221	-	4	22	E.LIVASSYSKNFGLYNER.V	21
PLOG-1789	proteomics_log	984195	984275	-	4	160	R.GLEEDAEGLRAFAAMHKELIVASSYSK.N	31

PLOG-1790	proteomics_log	984225	984275	-	4	5	R.GLEEDAEGLRFAAMHK.E	21
PLOG-1791	proteomics_log	984246	984275	-	4	11	R.GLEEDAEGLR.A	14
PLOG-1792	proteomics_log	984276	984320	-	4	44	K.GWLPLDFAYQGFAR.G	19
PLOG-1793	proteomics_log	984498	984530	-	4	40	K.SVFNSAGLEVR.E	15
PLOG-1794	proteomics_log	984498	984566	-	4	3	R.VWVSNPSWPNHKS VFNSAGLEVR.E	27
PLOG-1795	proteomics_log	984531	984566	-	4	50	R.VWVSNPSWPNHK.S	16
PLOG-1796	proteomics_log	984567	984608	-	4	9	R.VAADFLAKNTSVKR.V	18
PLOG-1797	proteomics_log	984567	984644	-	4	37	R.TAQTGGTGALRVAADFLAKNTSVKR.V	30
PLOG-1798	proteomics_log	984570	984644	-	4	2	R.TAQTGGTGALRVAADFLAKNTSVK.R	29
PLOG-1799	proteomics_log	984585	984608	-	4	9	R.VAADFLAK.N	12
PLOG-1800	proteomics_log	984585	984644	-	4	43	R.TAQTGGTGALRVAADFLAK.N	24
PLOG-1801	proteomics_log	984609	984644	-	4	91	R.TAQTGGTGALR.V	16
PLOG-1802	proteomics_log	984609	984650	-	4	85	R.ARTAQTGGTGALR.V	18
PLOG-1803	proteomics_log	984651	984677	-	4	92	K.GSALINDKR.A	13
PLOG-1804	proteomics_log	984705	984743	-	4	116	K.NYLGIDGIPEFGR.C	17
PLOG-1805	proteomics_log	984705	984779	-	4	4	K.AEQYLLENETTKNYLGIDGIPEFGR.C	29
PLOG-1806	proteomics_log	984705	984782	-	4	243	K.KAEQYLLENETTKNYLGIDGIPEFGR.C	30
PLOG-1807	proteomics_log	984744	984782	-	4	12	K.KAEQYLLENETTK.N	17
PLOG-1808	proteomics_log	984780	984869	-	4	5	R.ADERPGKINLGIGVYKDETGKTPVLTSVKK.A	34
PLOG-1809	proteomics_log	984783	984848	-	4	12	K.INLGIGVYKDETGKTPVLTSVK.K	26
PLOG-1810	proteomics_log	984783	984869	-	4	27	R.ADERPGKINLGIGVYKDETGKTPVLTSVK.K	33
PLOG-1811	proteomics_log	984849	984932	-	4	9	V.MFENITAAPADPILGLADLFRADERPGK.I	32
PLOG-1812	proteomics_log	984870	984899	-	4	3	D.PILGLADLFR.A	14
PLOG-1813	proteomics_log	984870	984920	-	4	7	N.ITAAPADPILGLADLFR.A	21
PLOG-1814	proteomics_log	984870	984929	-	4	4	M.FENITAAPADPILGLADLFR.A	24
PLOG-1815	proteomics_log	984870	984932	-	4	220	V.M*FENITAAPADPILGLADLFR.A	26
PLOG-1816	proteomics_log	984870	984932	-	4	621	V.MFENITAAPADPILGLADLFR.A	25
PLOG-1817	proteomics_log	984870	984935	-	4	5	L.VMFENITAAPADPILGLADLFR.A	26
PLOG-1818	proteomics_log	985171	985224	-	5	5	K.NMSTYVDYIINQIDSDNK.L	22
PLOG-1819	proteomics_log	985225	985302	-	5	17	K.AKDVEGIGDVDLVNYFEVGATYYFNK.N	30
PLOG-1820	proteomics_log	985225	985308	-	5	4	K.SKAKDVEGIGDVDLVNYFEVGATYYFNK.N	32
PLOG-1821	proteomics_log	985309	985380	-	5	15	K.TQDVLLVAQYQDFGLRPSIAYTK.S	28
PLOG-1822	proteomics_log	985309	985434	-	5	10	R.NATPITNKFTNTSGFANKTQDVLLVAQYQDFGLRPSIAYTK.S	46
PLOG-1823	proteomics_log	985381	985410	-	5	3	K.FTNTSGFANK.T	14
PLOG-1824	proteomics_log	985381	985434	-	5	36	R.NATPITNKFTNTSGFANK.T	22
PLOG-1825	proteomics_log	985411	985434	-	5	11	R.NATPITNK.F	12
PLOG-1826	proteomics_log	985435	985485	-	5	8	L.KYDANNIYLAANYGETR.N	21
PLOG-1827	proteomics_log	985435	985509	-	5	7	K.AEQWATGLKYDANNIYLAANYGETR.N	29
PLOG-1828	proteomics_log	985435	985512	-	5	16	K.KAEQWATGLKYDANNIYLAANYGETR.N	30
PLOG-1829	proteomics_log	985510	985551	-	5	4	R.TNLQEAQPLGNGKK.A	18
PLOG-1830	proteomics_log	985513	985551	-	5	18	R.TNLQEAQPLGNGK.K	17
PLOG-1831	proteomics_log	985636	985713	-	5	2	S.NFFGLVDGLNFAVQYLGKNERDTARR.S	30
PLOG-1832	proteomics_log	985636	985719	-	5	17	R.NSNFFGLVDGLNFAVQYLGKNERDTARR.S	32
PLOG-1833	proteomics_log	985639	985719	-	5	118	R.NSNFFGLVDGLNFAVQYLGKNERDTAR.R	31
PLOG-1834	proteomics_log	985651	985719	-	5	63	R.NSNFFGLVDGLNFAVQYLGKNER.D	27
PLOG-1835	proteomics_log	985651	985743	-	5	8	R.VGGVATYRNSNFFGLVDGLNFAVQYLGKNER.D	35

PLOG-1836	proteomics_log	985660	985719	-	5	127	R.NSNFFGLVDGLNFAVQYLK.N	24
PLOG-1837	proteomics_log	985678	985719	-	5	2	R.NSNFFGLVDGLNFA.V	18
PLOG-1838	proteomics_log	985720	985743	-	5	75	R.VGGVATYR.N	12
PLOG-1839	proteomics_log	985744	985839	-	5	8	R.NYGVVYDALGYTDM*LPEFGGDTAYSDDFFVGR.V	37
PLOG-1840	proteomics_log	985744	985839	-	5	43	R.NYGVVYDALGYTDMLEPFGGDTAYSDDFFVGR.V	36
PLOG-1841	proteomics_log	985744	985872	-	5	21	K.YADVGSFDYGRNYGVVYDALGYTDMLEPFGGDTAYSDDFFVGR.V	47
PLOG-1842	proteomics_log	985840	985872	-	5	47	K.YADVGSFDYGR.N	15
PLOG-1843	proteomics_log	985840	985893	-	5	18	R.LAFAGLKYADVGSFDYGR.N	22
PLOG-1844	proteomics_log	986014	986064	-	5	5	K.GNGENSYGGNGDM*TYAR.L	22
PLOG-1845	proteomics_log	986014	986064	-	5	94	K.GNGENSYGGNGDMTYAR.L	21
PLOG-1846	proteomics_log	986014	986076	-	5	2	H.YFSKNGENSYGGNGDMTYAR.L	25
PLOG-1847	proteomics_log	986014	986091	-	5	6	K.AVGLHYFSKNGENSYGGNGDM*TYAR.L	31
PLOG-1848	proteomics_log	986014	986091	-	5	133	K.AVGLHYFSKNGENSYGGNGDMTYAR.L	30
PLOG-1849	proteomics_log	986014	986139	-	5	2	A.AEIYNKDGKVDLYGKAVGLHYFSKNGENSYGGNGDM*TYAR.L	47
PLOG-1850	proteomics_log	986065	986091	-	5	117	K.AVGLHYFSK.G	13
PLOG-1851	proteomics_log	986065	986139	-	5	24	A.AEIYNKDGKVDLYGKAVGLHYFSK.G	29
PLOG-1852	proteomics_log	986092	986139	-	5	274	A.AEIYNKDGKVDLYGK.A	20
PLOG-1853	proteomics_log	986092	986193	-	5	5	R.NILAVIVPALLVAGTANA AEIYNKDGKVDLYGK.A	38
PLOG-1854	proteomics_log	986110	986139	-	5	20	A.AEIYNKDGK.L	14
PLOG-1855	proteomics_log	986110	986139	-	5	20	A.AEIYNKDGK.L	14
PLOG-1856	proteomics_log	986823	986888	-	4	117	R.LIAYVTGVQNV RDVIPFPRTPR.N	26
PLOG-1857	proteomics_log	986832	986888	-	4	73	R.LIAYVTGVQNV RDVIPFPR.T	23
PLOG-1858	proteomics_log	986853	986888	-	4	13	R.LIAYVTGVQNV.R.D	16
PLOG-1859	proteomics_log	986889	986933	-	4	93	R.YGTVPHSGFGLGFER.L	19
PLOG-1860	proteomics_log	986889	986936	-	4	5	R.RYGTVP HSGFGLGFER.L	20
PLOG-1861	proteomics_log	986946	986990	-	4	23	R.MLEMGLNKEDYWWYR.D	19
PLOG-1862	proteomics_log	987012	987101	-	4	14	R.LNEDGKTVAAMDVLAPGIGE IIGGSQREER.L	34
PLOG-1863	proteomics_log	987021	987083	-	4	12	K.TVAAMDVLAPGIGE IIGGSQR.E	25
PLOG-1864	proteomics_log	987021	987101	-	4	3	R.LNEDGKTVAAMDVLAPGIGE IIGGSQR.E	31
PLOG-1865	proteomics_log	987117	987179	-	4	12	R.YLAEHF KAPVVVK.NPKDIK.A	25
PLOG-1866	proteomics_log	987138	987179	-	4	4	R.YLAEHF KAPVVVK.N	18
PLOG-1867	proteomics_log	987180	987233	-	4	47	R.KFENPVYWGVDLSSEHER.Y	22
PLOG-1868	proteomics_log	987312	987335	-	4	2	R.VDKDAVSR.L	12
PLOG-1869	proteomics_log	987384	987482	-	4	2	R.HLAEFWMLEPEVAFANLNDIAGLAEAMLYVFK.A	37
PLOG-1870	proteomics_log	987396	987482	-	4	2	R.HLAEFWM*LEPEVAFANLNDIAGLAEAM*LK.Y	35
PLOG-1871	proteomics_log	987396	987482	-	4	11	R.HLAEFWM*LEPEVAFANLNDIAGLAEAMLYVFK.A	34
PLOG-1872	proteomics_log	987396	987482	-	4	83	R.HLAEFWMLEPEVAFANLNDIAGLAEAMLYVFK.A	33
PLOG-1873	proteomics_log	987642	987674	-	4	9	R.VSTLDLENLPR.N	15
PLOG-1874	proteomics_log	987759	987785	-	4	2	R.HTLAQALHR.F	13
PLOG-1875	proteomics_log	987759	987791	-	4	17	R.VRHTLAQALHR.F	15
PLOG-1876	proteomics_log	987792	987818	-	4	56	R.TNLIGAVAR.V	13
PLOG-1877	proteomics_log	988140	988169	-	4	69	R.VAVDSEVTVR.G	14
PLOG-1878	proteomics_log	988170	988205	-	4	78	M.SVVPVADVLQGR.V	16
PLOG-1879	proteomics_log	988170	988208	-	4	9	I.MSVVPVADVLQGR.V	17
PLOG-1880	proteomics_log	989175	989231	-	4	39	R.EVILWEVPLLAIVSEM VHR.Y	23
PLOG-1881	proteomics_log	989175	989249	-	4	32	R.LSGPWREVILWEVPLLAIVSEM VHR.Y	29

PLOG-1882	proteomics_log	989337	989384	-	4	11	R.LQDDEYQWLSALPFFK.A	20
PLOG-1883	proteomics_log	989385	989453	-	4	3	R.GDDLLGIYADAIREQVQAMQHLR.L	27
PLOG-1884	proteomics_log	1005789	1005827	-	4	5	R.VQLLEGEVTPKK.S	17
PLOG-1885	proteomics_log	1006074	1006124	-	4	3	R.TAQDNGDVDFGQNLIAR.N	21
PLOG-1886	proteomics_log	1006356	1006427	-	4	2	K.RHNTVPLSFADGYPYLLANEASLR.D	28
PLOG-1887	proteomics_log	1006432	1006470	-	5	2	S.AITLGGATNDPAR.E	17
PLOG-1888	proteomics_log	1006476	1006523	-	4	8	R.IAPDAINKWLSGFFSR.E	20
PLOG-1889	proteomics_log	1006677	1006721	-	4	6	R.IFMITEPDGTFITAR.Q	19
PLOG-1890	proteomics_log	1006677	1006775	-	4	92	R.GIGLTHALADVSGLAFDRIFMITEPDGTFITAR.Q	37
PLOG-1891	proteomics_log	1006722	1006775	-	4	11	R.GIGLTHALADVSGLAFDR.I	22
PLOG-1892	proteomics_log	1015048	1015110	-	5	3	R.QNQAITTLASAMASRQPPSHCD.L	25
PLOG-1893	proteomics_log	1015057	1015110	-	5	2	R.QNQAITTLASAMASRQPPS.H	22
PLOG-1894	proteomics_log	1015178	1015207	-	6	3	K.VGLFQDTSFAF-	14
PLOG-1895	proteomics_log	1015178	1015234	-	6	34	R.LIYTASDLKVGFLQDTSFAF-	23
PLOG-1896	proteomics_log	1015208	1015234	-	6	13	R.LIYTASDLK.V	13
PLOG-1897	proteomics_log	1015235	1015279	-	6	99	R.LIMGLADGEVLVDGR.L	19
PLOG-1898	proteomics_log	1015325	1015354	-	6	3	K.FTGQVLPTAK.K	14
PLOG-1899	proteomics_log	1015325	1015378	-	6	56	R.ALGVGEVKFTGQVLPTAK.K	22
PLOG-1900	proteomics_log	1015355	1015378	-	6	12	R.ALGVGEVK.F	12
PLOG-1901	proteomics_log	1015538	1015567	-	6	4	K.MTETGGNFDK.G	14
PLOG-1902	proteomics_log	1015577	1015612	-	6	12	P.QLPAPNMLMM*DR.V	17
PLOG-1903	proteomics_log	1015577	1015618	-	6	45	K.GPQLPAPNMLMMDR.V	18
PLOG-1904	proteomics_log	1015577	1015678	-	6	10	R.ESYTKEDLLASGRGELFGAKGPQLPAPNMLMMDR.V	38
PLOG-1905	proteomics_log	1015577	1015690	-	6	2	M.VDKRESYTKEDLLASGRGELFGAKGPQLPAPNM*LM*DR.V	45
PLOG-1906	proteomics_log	1015619	1015678	-	6	22	R.ESYTKEDLLASGRGELFGAK.G	24
PLOG-1907	proteomics_log	1015619	1015690	-	6	2	M.VDKRESYTKEDLLASGRGELFGAK.G	28
PLOG-1908	proteomics_log	1015640	1015678	-	6	35	R.ESYTKEDLLASGR.G	17
PLOG-1909	proteomics_log	1015640	1015690	-	6	2	M.VDKRESYTKEDLLASGR.G	21
PLOG-1910	proteomics_log	1015813	1015842	-	5	13	R.IAQASQQEGR.H	14
PLOG-1911	proteomics_log	1018239	1018262	-	4	19	K.DVVTQPQA.-	12
PLOG-1912	proteomics_log	1018239	1018271	-	4	515	K.GIKDVVTQPQA.-	15
PLOG-1913	proteomics_log	1018239	1018289	-	4	220	R.VEIEVKGIKDVVTQPQA.-	21
PLOG-1914	proteomics_log	1018239	1018292	-	4	88	R.RVEIEVKGIKDVVTQPQA.-	22
PLOG-1915	proteomics_log	1018239	1018325	-	4	9	R.AALIDCLAPDRRVEIEVKGIKDVVTQPQA.-	33
PLOG-1916	proteomics_log	1018293	1018325	-	4	7	R.AALIDCLAPDR.R	15
PLOG-1917	proteomics_log	1018326	1018382	-	4	12	R.GMGESNPVTGNTCDNVKQR.A	23
PLOG-1918	proteomics_log	1018326	1018412	-	4	3	K.GIPADKISARGMGESNPVTGNTCDNVKQR.A	33
PLOG-1919	proteomics_log	1018332	1018382	-	4	11	R.GMGESNPVTGNTCDNVK.Q	21
PLOG-1920	proteomics_log	1018347	1018382	-	4	2	R.GM*GESNPVTGNT.C	17
PLOG-1921	proteomics_log	1018383	1018406	-	4	106	I.PADKISAR.G	12
PLOG-1922	proteomics_log	1018383	1018412	-	4	90	K.GIPADKISAR.G	14
PLOG-1923	proteomics_log	1018383	1018439	-	4	30	Q.SVVDYLISKIPADKISAR.G	23
PLOG-1924	proteomics_log	1018383	1018445	-	4	159	R.AQSVVDYLISKIPADKISAR.G	25
PLOG-1925	proteomics_log	1018383	1018448	-	4	211	R.RAQSVVDYLISKIPADKISAR.G	26
PLOG-1926	proteomics_log	1018383	1018487	-	4	7	R.IGSDAYNQGLSERRAQSVVDYLISKIPADKISAR.G	39
PLOG-1927	proteomics_log	1018395	1018448	-	4	4	R.RAQSVVDYLISKIPADK.I	22



PLOG-1928	proteomics_log	1018413	1018439	-	4	40	Q.SVVDYLISK.G	13
PLOG-1929	proteomics_log	1018413	1018445	-	4	279	R.AQSVVDYLISK.G	15
PLOG-1930	proteomics_log	1018413	1018448	-	4	492	R.RAQSVVDYLISK.G	16
PLOG-1931	proteomics_log	1018446	1018487	-	4	2	R.IGSDAYNQGLSERR.A	18
PLOG-1932	proteomics_log	1018446	1018523	-	4	26	K.DGSVVVLGYTDRIGSDAYNQGLSERR.A	30
PLOG-1933	proteomics_log	1018449	1018487	-	4	297	R.IGSDAYNQGLSER.R	17
PLOG-1934	proteomics_log	1018449	1018523	-	4	129	K.DGSVVVLGYTDRIGSDAYNQGLSER.R	29
PLOG-1935	proteomics_log	1018488	1018523	-	4	209	K.DGSVVVLGYTDR.I	16
PLOG-1936	proteomics_log	1018488	1018529	-	4	2	D.PKDGSVVVLGYTDR.I	18
PLOG-1937	proteomics_log	1018488	1018589	-	4	2	T.LKPEGQAALDQLYSQSLNLDPKDGSVVVLGYTDR.I	38
PLOG-1938	proteomics_log	1018488	1018595	-	4	113	K.ATLKPEGQAALDQLYSQSLNLDPKDGSVVVLGYTDR.I	40
PLOG-1939	proteomics_log	1018488	1018622	-	4	12	K.SDVLFNFNKATLKPEGQAALDQLYSQSLNLDPKDGSVVVLGYTDR.I	49
PLOG-1940	proteomics_log	1018524	1018595	-	4	132	K.ATLKPEGQAALDQLYSQSLNLDPK.D	28
PLOG-1941	proteomics_log	1018524	1018622	-	4	40	K.SDVLFNFNKATLKPEGQAALDQLYSQSLNLDPK.D	37
PLOG-1942	proteomics_log	1018527	1018637	-	4	22	K.HFTLKSDVLFNFNKATLKPEGQAALDQLYSQSLNLD.P	41
PLOG-1943	proteomics_log	1018530	1018622	-	4	4	K.SDVLFNFNKATLKPEGQAALDQLYSQSLNLD.P	35
PLOG-1944	proteomics_log	1018596	1018622	-	4	45	K.SDVLFNFNK.A	13
PLOG-1945	proteomics_log	1018596	1018637	-	4	202	K.HFTLKSDVLFNFNK.A	18
PLOG-1946	proteomics_log	1018623	1018706	-	4	137	R.FGQGEAAPVVAPAPAPEVQTKHFTLK.S	32
PLOG-1947	proteomics_log	1018638	1018679	-	4	2	V.VAPAPAPEVQTK.H	18
PLOG-1948	proteomics_log	1018638	1018703	-	4	2	F.GQGEAAPVVAPAPAPEVQTK.H	26
PLOG-1949	proteomics_log	1018638	1018706	-	4	368	R.FGQGEAAPVVAPAPAPEVQTK.H	27
PLOG-1950	proteomics_log	1018638	1018709	-	4	3	Y.RFGQGEAAPVVAPAPAPEVQTK.H	28
PLOG-1951	proteomics_log	1018641	1018706	-	4	4	R.FGQGEAAPVVAPAPAPEVQTK.H	26
PLOG-1952	proteomics_log	1018707	1018799	-	4	9	R.LEYQWTNNIGDAHTIGTRPDNGM*LSLGVSYR.F	36
PLOG-1953	proteomics_log	1018707	1018799	-	4	234	R.LEYQWTNNIGDAHTIGTRPDNGM*LSLGVSYR.F	35
PLOG-1954	proteomics_log	1018800	1018874	-	4	114	K.NHDTGVSVPVAGGVEYAITPEIATR.L	29
PLOG-1955	proteomics_log	1018800	1018892	-	4	194	K.SNVYGNHDTGVSVPVAGGVEYAITPEIATR.L	35
PLOG-1956	proteomics_log	1018800	1018904	-	4	43	R.ADTKSNVYGNHDTGVSVPVAGGVEYAITPEIATR.L	39
PLOG-1957	proteomics_log	1018875	1018904	-	4	125	R.ADTKSNVYGN.N	14
PLOG-1958	proteomics_log	1018875	1018925	-	4	2	R.LGGMVWRADTKSNVYGN.N	21
PLOG-1959	proteomics_log	1018893	1018925	-	4	83	R.LGGMVWRADTK.S	15
PLOG-1960	proteomics_log	1018905	1018925	-	4	2	R.LGGM*VWR.A	12
PLOG-1961	proteomics_log	1018905	1018925	-	4	76	R.LGGMVWR.A	11
PLOG-1962	proteomics_log	1018926	1018958	-	4	4	Y.PITDDLDIYTR.L	15
PLOG-1963	proteomics_log	1018926	1018961	-	4	4	G.YPITDDLDIYTR.L	16
PLOG-1964	proteomics_log	1018926	1018967	-	4	491	K.LGYPTDDLDIYTR.L	18
PLOG-1965	proteomics_log	1018926	1018991	-	4	2	A.QGVQLTAKLGYPTDDLDIYTR.L	26
PLOG-1966	proteomics_log	1018926	1018994	-	4	7	K.AQGVQLTAKLGYPTDDLDIYTR.L	27
PLOG-1967	proteomics_log	1018926	1019015	-	4	2	S.VENGAYKAQGVQLTAKLGYPTDDLDIYTR.L	34
PLOG-1968	proteomics_log	1018926	1019033	-	4	2	R.MPYKGSVENGAYKAQGVQLTAKLGYPTDDLDIYTR.L	40
PLOG-1969	proteomics_log	1018938	1018967	-	4	5	K.LGYPTDDL.I	14
PLOG-1970	proteomics_log	1018968	1018994	-	4	120	K.AQGVQLTAK.L	13
PLOG-1971	proteomics_log	1018968	1019006	-	4	2	N.GAYKAQGVQLTAK.L	17
PLOG-1972	proteomics_log	1018968	1019021	-	4	86	K.GSVENGAYKAQGVQLTAK.L	22
PLOG-1973	proteomics_log	1018968	1019033	-	4	44	R.M*PYKGSVENGAYKAQGVQLTAK.L	27

PLOG-1974	proteomics_log	1018968	1019033	-	4	494	R.MPYKGSVENGAYKAQGVQLTAK.L	26
PLOG-1975	proteomics_log	1018995	1019021	-	4	17	K.GSVENGAYK.A	13
PLOG-1976	proteomics_log	1018995	1019033	-	4	7	R.M*PYKGSVENGAYK.A	18
PLOG-1977	proteomics_log	1018995	1019033	-	4	158	R.MPYKGSVENGAYK.A	17
PLOG-1978	proteomics_log	1019178	1019204	-	4	2	K.DNTWYTGAK.L	13
PLOG-1979	proteomics_log	1019178	1019213	-	4	373	A.APKDNTWYTGAK.L	16
PLOG-1980	proteomics_log	1025804	1025917	-	6	3	R.LATVWNIPVATNVATADFIIQSPHFNDDAVDILIPDYQR.Y	42
PLOG-1981	proteomics_log	1025930	1025992	-	6	10	K.IDVLIFFDPLNAVPHDPDK.A	25
PLOG-1982	proteomics_log	1026077	1026142	-	6	17	R.HQPLLEQHVLVYATGTTGNLISR.A	26
PLOG-1983	proteomics_log	1026577	1026651	-	5	2	R.LELLDGDATPIPVKLDILAITSTAK.T	29
PLOG-1984	proteomics_log	1027537	1027563	-	5	4	R.RGISIAGQR.S	13
PLOG-1985	proteomics_log	1027906	1027929	-	5	2	K.FGIGQQVR.H	12
PLOG-1986	proteomics_log	1028782	1028883	-	5	22	R.LIAGESDGLPGITIDRFGNFLVLQLLSAGAEYQR.A	38
PLOG-1987	proteomics_log	1028950	1029000	-	5	3	R.VWTFDPSEIDIAFFSR.R	21
PLOG-1988	proteomics_log	1029007	1029036	-	5	2	R.GAYSPASQIR.A	14
PLOG-1989	proteomics_log	1029646	1029687	-	5	2	K.AM*ANKFGEEKGNSR.Y	19
PLOG-1990	proteomics_log	1041418	1041450	-	5	2	G.RSVGTSLLVAR.F	15
PLOG-1991	proteomics_log	1041912	1041956	-	4	9	S.AIVLKISPSWRWITR.R	19
PLOG-1992	proteomics_log	1045126	1045230	-	5	5	F.YISIPFDMTIGPNRNRRAVSWTPLTRDGGQMLSR.K	39
PLOG-1993	proteomics_log	1047321	1047377	-	4	3	R.LAGADKNNVMVITPEGETV.V	23
PLOG-1994	proteomics_log	1049412	1049462	-	4	5	R.NNRLPEPVIRVKQPALA.R	21
PLOG-1995	proteomics_log	1049412	1049462	-	4	5	R.NNRLPEPVIRVKQPALA.R	21
PLOG-1996	proteomics_log	1049412	1049462	-	4	5	R.NNRLPEPVIRVKQPALA.R	21
PLOG-1997	proteomics_log	1061815	1061904	-	5	5	R.LRHELALDWPGIAVALTLMDDIAHLKQENR.L	34
PLOG-1998	proteomics_log	1061827	1061904	-	5	11	R.LRHELALDWPGIAVALTLMDDIAHLK.Q	30
PLOG-1999	proteomics_log	1062678	1062761	-	4	7	R.QFHHGDGQSFNAEDFDDIFSSIFGQHAR.Q	32
PLOG-2000	proteomics_log	1064131	1064214	-	5	2	L.SLNINSGKCRHFLKQLSMNCFLKNR.K	32
PLOG-2001	proteomics_log	1066096	1066143	-	5	4	K.TDKDSLFWGEQTIERK.N	20
PLOG-2002	proteomics_log	1066096	1066155	-	5	3	K.AFAKTDKDSLFWGEQTIERK.N	24
PLOG-2003	proteomics_log	1066099	1066143	-	5	13	K.TDKDSLFWGEQTIER.K	19
PLOG-2004	proteomics_log	1066156	1066191	-	5	4	K.IWEEGSDEVLVK.A	16
PLOG-2005	proteomics_log	1066156	1066260	-	5	5	R.NTSPEIAEAI FEVAGYDEKMAEKI WEEGSDEVLVK.A	39
PLOG-2006	proteomics_log	1066204	1066260	-	5	48	R.NTSPEIAEAI FEVAGYDEK.M	23
PLOG-2007	proteomics_log	1066261	1066293	-	5	20	K.AHHVGEWASLR.N	15
PLOG-2008	proteomics_log	1066347	1066382	-	4	27	R.YQGEYVAGLAVK.L	16
PLOG-2009	proteomics_log	1066383	1066466	-	4	5	R.GGTPYGATTIAGGDGSRQPSQEELSIAR.Y	32
PLOG-2010	proteomics_log	1066416	1066466	-	4	14	R.GGTPYGATTIAGGDGSR.Q	21
PLOG-2011	proteomics_log	1066614	1066667	-	4	30	R.TFLDQTGGLWASGALYGK.L	22
PLOG-2012	proteomics_log	1066668	1066694	-	4	4	R.FGNMSGQMR.T	13
PLOG-2013	proteomics_log	1066668	1066781	-	4	3	K.AGGKTQTAPVATPQELADYDAIIFGTPTRFGNM*SGQM*R.T	44
PLOG-2014	proteomics_log	1066668	1066781	-	4	9	K.AGGKTQTAPVATPQELADYDAIIFGTPTR.F	42
PLOG-2015	proteomics_log	1066695	1066769	-	4	18	K.TQTAPVATPQELADYDAIIFGTPTR.F	29
PLOG-2016	proteomics_log	1066695	1066781	-	4	10	K.AGGKTQTAPVATPQELADYDAIIFGTPTR.F	33
PLOG-2017	proteomics_log	1066782	1066820	-	4	10	K.RVPETMPPQLFEK.A	17
PLOG-2018	proteomics_log	1066782	1066871	-	4	6	R.AVAEGASKVDGAEVVVKRVPETMPPQLFEK.A	34
PLOG-2019	proteomics_log	1066818	1066847	-	4	3	K.VDGAEVVVKR.V	14

PLOG-2020	proteomics_log	1066821	1066847	-	4	11	K.VDGAEVVVK.R	13
PLOG-2021	proteomics_log	1066821	1066871	-	4	42	R.AVAEGASKVDGAEVVVK.R	21
PLOG-2022	proteomics_log	1066872	1066928	-	4	25	M.AKVLVLYSMYGHITMAR.A	23
PLOG-2023	proteomics_log	1071235	1071309	-	5	2	L.MAWCMSPVRWLLINIITCCLPMTQR.R	29
PLOG-2024	proteomics_log	1076872	1076955	-	5	2	C.WKNSVSSRNWQAGTASVLLFRLIKNAAR.W	32
PLOG-2025	proteomics_log	1089125	1089205	-	6	10	R.ISWNDVIDAGATLRWEKRPYDGDREHN.L	31
PLOG-2026	proteomics_log	1095986	1096066	-	6	2	H.FLSLPHLLKCPQRKYM*SHAIKSLCQR.N	32
PLOG-2027	proteomics_log	1095986	1096066	-	6	3	H.FLSLPHLLKCPQRKYM*SHAIKSLCQR.N	31
PLOG-2028	proteomics_log	1100584	1100613	-	5	3	R.QGLQNLNER.K	14
PLOG-2029	proteomics_log	1100937	1100993	-	4	2	K.TGQTSTIQVSLQNNSTDF.-	23
PLOG-2030	proteomics_log	1101030	1101068	-	4	2	R.MVTNDYIVDIANR.D	17
PLOG-2031	proteomics_log	1101886	1101915	-	5	5	R.IGASNNEIAR.S	14
PLOG-2032	proteomics_log	1102327	1102365	-	5	2	K.SSLQATALLQHLK.Q	17
PLOG-2033	proteomics_log	1110083	1110178	-	6	2	R.LMNGADISLRQCRFLACGDGHCNVNLSCLIHW.Q	36
PLOG-2034	proteomics_log	1110083	1110178	-	6	2	R.LMNGADISLRQCRFLACGDGHCNVNLSCLIHW.Q	36
PLOG-2035	proteomics_log	1113033	1113059	-	4	2	R.AAADEWDER.-	13
PLOG-2036	proteomics_log	1113288	1113401	-	4	4	M.TMYATLEEIDAAREEFLADNPGIDAEDANVQQFNAQK.Y	42
PLOG-2037	proteomics_log	1114444	1114470	-	5	2	K.GRKLMLLRS.A	13
PLOG-2038	proteomics_log	1117127	1117192	-	6	2	K.TDLGPASQEVDLIISVEGVQQK.-	26
PLOG-2039	proteomics_log	1117244	1117282	-	6	13	K.LIGQGDDPWGGKR.A	17
PLOG-2040	proteomics_log	1117583	1117633	-	6	9	A.ADYKIDKEGQHAFVNFR.I	21
PLOG-2041	proteomics_log	1119435	1119551	-	4	13	R.SGVINLGPADSTFLANVAHSAEQWQLNVEKLDAQGIMAR.W	43
PLOG-2042	proteomics_log	1119612	1119656	-	4	15	R.HAYGEGEKYVPLVLR.A	19
PLOG-2043	proteomics_log	1120582	1120629	-	5	2	R.RIQYAFPDNEGHVSVR.Y	20
PLOG-2044	proteomics_log	1120802	1120879	-	6	21	R.EEQQVAESIALTDDTLVPFLAGETVR.W	30
PLOG-2045	proteomics_log	1121060	1121095	-	6	72	R.VFLGTDSAPHAR.H	16
PLOG-2046	proteomics_log	1121060	1121122	-	6	12	R.ELVASGFNRVFLGTDSAPHAR.H	25
PLOG-2047	proteomics_log	1121096	1121122	-	6	4	R.ELVASGFNR.V	13
PLOG-2048	proteomics_log	1121096	1121146	-	6	22	R.NIHQQALRELVASGFNR.V	21
PLOG-2049	proteomics_log	1121123	1121146	-	6	2	R.NIHQQALR.E	12
PLOG-2050	proteomics_log	1121207	1121248	-	6	73	R.LAATITPQHLMFNR.N	18
PLOG-2051	proteomics_log	1121249	1121326	-	6	36	R.LTALKVVFEHITTKDAADYVRDGNR.L	30
PLOG-2052	proteomics_log	1121264	1121284	-	6	2	K.DAADYVR.D	11
PLOG-2053	proteomics_log	1121264	1121326	-	6	60	R.LTALKVVFEHITTKDAADYVR.D	25
PLOG-2054	proteomics_log	1121285	1121311	-	6	6	K.VVFEHITTK.D	13
PLOG-2055	proteomics_log	1121285	1121326	-	6	50	R.LTALKVVFEHITTK.D	18
PLOG-2056	proteomics_log	1121327	1121362	-	6	28	R.FIESVMEPLRQR.L	16
PLOG-2057	proteomics_log	1121333	1121362	-	6	14	R.FIESVMEPLR.Q	14
PLOG-2058	proteomics_log	1121363	1121434	-	6	125	K.IGMPLLHVHGEVTHADIDIFDREAR.F	28
PLOG-2059	proteomics_log	1121363	1121443	-	6	9	R.MEKIGMPLLHVHGEVTHADIDIFDREAR.F	31
PLOG-2060	proteomics_log	1121372	1121434	-	6	32	K.IGMPLLHVHGEVTHADIDIFDR.E	25
PLOG-2061	proteomics_log	1121444	1121521	-	6	2	K.LYPANATTNSSHGVTSIDAIM*PVLER.M	31
PLOG-2062	proteomics_log	1121444	1121521	-	6	26	K.LYPANATTNSSHGVTSIDAIMPVLER.M	30
PLOG-2063	proteomics_log	1121444	1121554	-	6	8	R.GFNEGVFVTAALKYPANATTNSSHGVTSIDAIMPVLER.M	41
PLOG-2064	proteomics_log	1121522	1121554	-	6	117	R.GFNEGVFVTAAL.L	15
PLOG-2065	proteomics_log	1121555	1121644	-	6	9	R.ILDAVPAGHDFTPLMTCYLTDSLDPNELER.G	34

PLOG-2066	proteomics_log	1121651	1121713	-	6	4	R.AIVM*PNLAPPVTTVEAAVAYR.Q	26
PLOG-2067	proteomics_log	1121651	1121713	-	6	234	R.AIVMPNLAPPVTTVEAAVAYR.Q	25
PLOG-2068	proteomics_log	1121714	1121749	-	6	63	K.TVVPYTSEIYGR.A	16
PLOG-2069	proteomics_log	1121768	1121797	-	6	10	R.RPDDWHLHLR.D	14
PLOG-2070	proteomics_log	1121798	1121827	-	6	6	M.TAPSQVLKIR.R	14
PLOG-2071	proteomics_log	1122633	1122668	-	4	7	K.QTQINLLSSM*AI.-	17
PLOG-2072	proteomics_log	1122633	1122668	-	4	20	K.QTQINLLSSMAI.-	16
PLOG-2073	proteomics_log	1122669	1122698	-	4	4	R.VADYRDNMAK.Q	14
PLOG-2074	proteomics_log	1122699	1122737	-	4	24	R.NLTLVAGINWPSR.V	17
PLOG-2075	proteomics_log	1122738	1122809	-	4	7	K.LIVKPNVANGELSEDDIQLFPLLR.N	28
PLOG-2076	proteomics_log	1122738	1122821	-	4	103	R.ALDKLIVKPNVANGELSEDDIQLFPLLR.N	32
PLOG-2077	proteomics_log	1122738	1122842	-	4	14	K.NISDDLRLADKLIVKPNVANGELSEDDIQLFPLLR.N	39
PLOG-2078	proteomics_log	1122822	1122899	-	4	21	K.EASAGNFADLLAHS DGLIKNISDDL.R.A	30
PLOG-2079	proteomics_log	1122822	1122920	-	4	4	R.KYFVDKKEASAGNFADLLAHS DGLIKNISDDL.R.A	37
PLOG-2080	proteomics_log	1122843	1122899	-	4	7	K.EASAGNFADLLAHS DGLIK.N	23
PLOG-2081	proteomics_log	1122843	1122920	-	4	4	R.KYFVDKKEASAGNFADLLAHS DGLIK.N	30
PLOG-2082	proteomics_log	1122900	1122920	-	4	2	R.KYFVDKK.E	11
PLOG-2083	proteomics_log	1122921	1122956	-	4	39	K.SAFDEFSTPAAR.K	16
PLOG-2084	proteomics_log	1122966	1123004	-	4	2	R.KVNGYANKLLLPR.F	17
PLOG-2085	proteomics_log	1122981	1123004	-	4	11	R.KVNGYANK.L	12
PLOG-2086	proteomics_log	1123005	1123031	-	4	5	R.SPAIEEWLR.K	13
PLOG-2087	proteomics_log	1123005	1123034	-	4	3	K.RSPAIEEWLR.K	14
PLOG-2088	proteomics_log	1123032	1123106	-	4	3	R.YMPESMDIVHYVDKLDGKPLLTGKR.S	29
PLOG-2089	proteomics_log	1123155	1123211	-	4	28	K.NIPVELHVLLNDDAETPTR.M	23
PLOG-2090	proteomics_log	1123155	1123229	-	4	27	R.MIFGLKNIPVELHVLLNDDAETPTR.M	29
PLOG-2091	proteomics_log	1127817	1127837	-	4	3	P.EARNEAK.M	11
PLOG-2092	proteomics_log	1128997	1129044	-	5	2	R.LAEILDQMSAVLNDLK.T	20
PLOG-2093	proteomics_log	1129265	1129297	-	6	24	R.ETTDAPVTNSR.A	15
PLOG-2094	proteomics_log	1140408	1140476	-	4	53	K.GAAGGHTATHHASAAPARQPVE.-	27
PLOG-2095	proteomics_log	1140477	1140518	-	4	5	R.HSDWQRPTFAFEGK.G	18
PLOG-2096	proteomics_log	1140519	1140554	-	4	10	R.APAPEYVPEAPR.H	16
PLOG-2097	proteomics_log	1141305	1141400	-	4	8	R.YEQSVAAEEAVVAPVVEETVAAEPIVQEAPAPR.T	36
PLOG-2098	proteomics_log	1141434	1141505	-	4	5	K.ALNVEEQSVQETEQEERVPVQPR.R	28
PLOG-2099	proteomics_log	1141455	1141505	-	4	5	K.ALNVEEQSVQETEQEER.V	21
PLOG-2100	proteomics_log	1141563	1141589	-	4	32	R.TADEQQAPR.R	13
PLOG-2101	proteomics_log	1141563	1141595	-	4	3	K.ARTADEQQAPR.R	15
PLOG-2102	proteomics_log	1141590	1141628	-	4	42	R.ESRQQAEVTEKAR.T	17
PLOG-2103	proteomics_log	1141629	1141658	-	4	11	R.QAQQQTAETR.E	14
PLOG-2104	proteomics_log	1141629	1141661	-	4	4	R.RQAQQQTAETR.E	15
PLOG-2105	proteomics_log	1141800	1141853	-	4	2	K.ALFSGGREETKPTQPAPK.A	22
PLOG-2106	proteomics_log	1141872	1141922	-	4	177	K.AAPATPAAPAQPGLLSR.F	21
PLOG-2107	proteomics_log	1142028	1142078	-	4	9	K.LHEEAMALPSEEEFAER.K	21
PLOG-2108	proteomics_log	1142079	1142126	-	4	4	R.VRKGEETPTLSYM*LPK.L	21
PLOG-2109	proteomics_log	1142196	1142222	-	4	16	R.SAVNAIETR.Q	13
PLOG-2110	proteomics_log	1142223	1142315	-	4	101	R.LIEEEALKENTQEVHAIVPVPIASYLLNEK.R.S	35
PLOG-2111	proteomics_log	1142226	1142315	-	4	4	R.LIEEEALKENTQEVHAIVPVPIASYLLNEK.R	34

PLOG-2112	proteomics_log	1142373	1142423	-	4	5	R.QRLSPSLGESSHHVCPR.C	21
PLOG-2113	proteomics_log	1142424	1142447	-	4	53	R.FGLLEMSR.Q	12
PLOG-2114	proteomics_log	1142448	1142471	-	4	12	R.IQISHISR.F	12
PLOG-2115	proteomics_log	1142520	1142579	-	4	4	R.DLGGLIVIDFIDMTPVRHQR.A	24
PLOG-2116	proteomics_log	1142520	1142585	-	4	47	R.LRDLGGLIVIDFIDMTPVRHQR.A	26
PLOG-2117	proteomics_log	1142529	1142579	-	4	17	R.DLGGLIVIDFIDMTPVR.H	21
PLOG-2118	proteomics_log	1142529	1142585	-	4	41	R.LRDLGGLIVIDFIDMTPVR.H	23
PLOG-2119	proteomics_log	1142595	1142657	-	4	7	R.GGDIEETAFNTNLEAADEIAR.Q	25
PLOG-2120	proteomics_log	1142595	1142666	-	4	4	R.ATRGGDIEETAFNTNLEAADEIAR.Q	28
PLOG-2121	proteomics_log	1142667	1142738	-	4	3	R.LPSGGIVIDSTEALTAIDINSAR.A	28
PLOG-2122	proteomics_log	1142748	1142819	-	4	11	K.LYTGEIPLFSHYQIESQIESAFQR.E	28
PLOG-2123	proteomics_log	1142748	1142825	-	4	21	K.IKLYTGEIPLFSHYQIESQIESAFQR.E	30
PLOG-2124	proteomics_log	1142826	1142867	-	4	9	R.QHIAALGRPDFSSK.I	18
PLOG-2125	proteomics_log	1142868	1142921	-	4	2	R.QDIGEILIDNPKVLELAR.Q	22
PLOG-2126	proteomics_log	1142868	1142942	-	4	75	R.AFRDYLRQDIGEILIDNPKVLELAR.Q	29
PLOG-2127	proteomics_log	1142886	1142921	-	4	10	R.QDIGEILIDNPK.V	16
PLOG-2128	proteomics_log	1142943	1143002	-	4	26	K.AAESRPAPFLIHQESNVIVR.A	24
PLOG-2129	proteomics_log	1143030	1143065	-	4	6	K.SAEALQWDLSFR.L	16
PLOG-2130	proteomics_log	1143084	1143164	-	4	40	R.IEGDDRTELKEALASLELPEGMGLIVR.T	31
PLOG-2131	proteomics_log	1143084	1143167	-	4	3	R.RIEGDDRTELKEALASLELPEGM*GLIVR.T	33
PLOG-2132	proteomics_log	1143084	1143167	-	4	187	R.RIEGDDRTELKEALASLELPEGMGLIVR.T	32
PLOG-2133	proteomics_log	1143264	1143305	-	4	2	R.EGQEVIVQIDKEER.G	18
PLOG-2134	proteomics_log	1143366	1143398	-	4	10	R.HGFLPLKEIAR.E	15
PLOG-2135	proteomics_log	1143399	1143446	-	4	66	R.IEPSLEAAFVDYGAER.H	20
PLOG-2136	proteomics_log	1143546	1143581	-	4	69	R.MLINATQQEELR.V	16
PLOG-2137	proteomics_log	1145330	1145362	-	6	10	K.SEGFGITLFR.L	15
PLOG-2138	proteomics_log	1145399	1145434	-	6	2	R.HLSEAEIDNYVR.K	16
PLOG-2139	proteomics_log	1148177	1148269	-	6	2	H.ALNLTSCARESVRSRSRCHNDQANLVFLNAR.H	35
PLOG-2140	proteomics_log	1152823	1152849	-	5	2	R.ISRNGENPR.C	13
PLOG-2141	proteomics_log	1157956	1158015	-	5	2	R.RNEHEGELDRLGDTGQERGQ.R	24
PLOG-2142	proteomics_log	1160304	1160348	-	4	32	R.WNLGDALSDMALFER.V	19
PLOG-2143	proteomics_log	1160349	1160405	-	4	13	R.GFQIDNYMVDGIPTYFESR.W	23
PLOG-2144	proteomics_log	1160445	1160507	-	4	16	R.MEDQQLQLTGEVMENTLGISK.S	25
PLOG-2145	proteomics_log	1160508	1160546	-	4	2	R.DIPQSVTIVSQQR.M	17
PLOG-2146	proteomics_log	1161929	1162030	-	6	2	C.CGIVGTEGTGTGCCGSAGCSGAGFTSSTGAGSR.C	38
PLOG-2147	proteomics_log	1166776	1166850	-	5	2	I.PIPANIDLFTGTPPSLQLCQCKRR.R	29
PLOG-2148	proteomics_log	1170329	1170403	-	6	4	K.RLEAIASLEDLGAGFALATHDLEIR.G	29
PLOG-2149	proteomics_log	1181150	1181197	-	6	22	K.QVAETIGYPTPNLAAR.K	20
PLOG-2150	proteomics_log	1181198	1181233	-	6	6	K.LINFLLRPDVAK.Q	16
PLOG-2151	proteomics_log	1181198	1181254	-	6	7	K.NKEGALKLINFLLRPDVAK.Q	23
PLOG-2152	proteomics_log	1181255	1181305	-	6	6	K.EGGIFWMDSLAIPANAK.N	21
PLOG-2153	proteomics_log	1181516	1181572	-	6	7	K.GSLLLTDDAREVFQMALRK.L	23
PLOG-2154	proteomics_log	1181519	1181572	-	6	2	K.GSLLLTDDAREVFQMALRK.K	22
PLOG-2155	proteomics_log	1181573	1181614	-	6	9	K.SVTSWADLWKPEYK.G	18
PLOG-2156	proteomics_log	1183684	1183740	-	5	2	K.MAINWVESWEVVLADEEHK.-	23
PLOG-2157	proteomics_log	1184269	1184316	-	5	5	R.LLLLDESLSALDYKLR.K	20

PLOG-2158	proteomics_log	1184275	1184316	-	5	37	R.LLLLDESLSALDYK.L	18
PLOG-2159	proteomics_log	1184353	1184388	-	5	24	R.KPHQLSGGQQQR.V	16
PLOG-2160	proteomics_log	1184353	1184418	-	5	7	R.MVQLETFAQRKPHQLSGGQQQR.V	26
PLOG-2161	proteomics_log	1184599	1184634	-	5	10	R.LIAGLETVDSGR.I	16
PLOG-2162	proteomics_log	1186549	1186635	-	5	2	R.HELDIAPPEPPYQPDEIYDALKQGEVLR.L	33
PLOG-2163	proteomics_log	1186636	1186710	-	5	12	R.EMMLELINQPEHFKQWGFEFISQSR.H	29
PLOG-2164	proteomics_log	1186801	1186839	-	5	31	R.ELISGFADYVLQR.E	17
PLOG-2165	proteomics_log	1187308	1187385	-	5	2	R.GFNNFIDPISPDELAGLAM*ESEVDSR.L	31
PLOG-2166	proteomics_log	1187308	1187385	-	5	28	R.GFNNFIDPISPDELAGLAMESEVDSR.L	30
PLOG-2167	proteomics_log	1187419	1187463	-	5	15	N.MEYQLTLNWPDFLER.H	19
PLOG-2168	proteomics_log	1189182	1189253	-	4	32	R.EL SINDEVIKLTAFEYTIMETLIR.N	28
PLOG-2169	proteomics_log	1189182	1189256	-	4	12	R.RELSINDEVIKLTAFEYTIMETLIR.N	29
PLOG-2170	proteomics_log	1189338	1189427	-	4	44	R.ESWQDKVEVLSAGADDYVTKPFHIEEVMAR.M	34
PLOG-2171	proteomics_log	1189428	1189469	-	4	120	R.SNDVSLPILVLTAR.E	18
PLOG-2172	proteomics_log	1189428	1189475	-	4	2	R.WRSNDVSLPILVLTAR.E	20
PLOG-2173	proteomics_log	1189632	1189664	-	4	79	R.VLVVEDNALLR.H	15
PLOG-2174	proteomics_log	1189632	1189670	-	4	54	K.MRVLVVEDNALLR.H	17
PLOG-2175	proteomics_log	1189869	1189904	-	4	2	R.LKAM*TPANYIGR.A	17
PLOG-2176	proteomics_log	1189869	1189904	-	4	55	R.LKAMTPANYIGR.A	16
PLOG-2177	proteomics_log	1189905	1189949	-	4	6	K.QFIDGLALPEEEKAR.L	19
PLOG-2178	proteomics_log	1189905	1189970	-	4	45	R.VDAEGMKQFIDGLALPEEEKAR.L	26
PLOG-2179	proteomics_log	1189905	1189973	-	4	41	K.RVDAEGMKQFIDGLALPEEEKAR.L	27
PLOG-2180	proteomics_log	1189905	1189979	-	4	8	R.GKRVD AEGM*KQFIDGLALPEEEKAR.L	30
PLOG-2181	proteomics_log	1189905	1189979	-	4	52	R.GKRVD AEGMKQFIDGLALPEEEKAR.L	29
PLOG-2182	proteomics_log	1189911	1189949	-	4	19	K.QFIDGLALPEEEK.A	17
PLOG-2183	proteomics_log	1189980	1190024	-	4	59	R.YGIEKPYEKLKELTR.G	19
PLOG-2184	proteomics_log	1189998	1190024	-	4	4	R.YGIEKPYEK.L	13
PLOG-2185	proteomics_log	1190028	1190096	-	4	3	R.DHLLDEL DHNWEVLA EPIQTVMR.R	27
PLOG-2186	proteomics_log	1190028	1190111	-	4	20	K.LEVNRDHLLELD DHNWEVLA EPIQTVMR.R	32
PLOG-2187	proteomics_log	1190112	1190204	-	4	4	R.DLTDSTVLRNLG VIGYALIAYQSTLKG VSK.L	35
PLOG-2188	proteomics_log	1190124	1190177	-	4	6	R.NLGVGIGYALIAYQSTLK.G	22
PLOG-2189	proteomics_log	1190178	1190204	-	4	12	R.DLTDSTVLR.N	13
PLOG-2190	proteomics_log	1190355	1190420	-	4	43	R.FNTILIDFDRD VWGYIALNHFK.Q	26
PLOG-2191	proteomics_log	1190640	1190702	-	4	2	R.THGQPATPSTIGKEM*ANVAYR.M	26
PLOG-2192	proteomics_log	1190664	1190702	-	4	21	R.THGQPATPSTIGK.E	17
PLOG-2193	proteomics_log	1190703	1190765	-	4	2	R.QLIDGIKDLAVQYRDIPLLSR.T	25
PLOG-2194	proteomics_log	1190724	1190765	-	4	23	R.QLIDGIKDLAVQYR.D	18
PLOG-2195	proteomics_log	1190766	1190801	-	4	3	K.TARDEVILPYWR.Q	16
PLOG-2196	proteomics_log	1190901	1190948	-	4	6	R.TTNHDV KAVEYFLKEK.V	20
PLOG-2197	proteomics_log	1190961	1191071	-	4	5	K.LAAHAAI KEVPAFAADAIGYLD AIVASFSEEDAARIK.T	41
PLOG-2198	proteomics_log	1190967	1191047	-	4	98	K.EVPAFAADAIGYLD AIVASFSEEDAAR.I	31
PLOG-2199	proteomics_log	1190967	1191071	-	4	66	K.LAAHAAI KEVPAFAADAIGYLD AIVASFSEEDAAR.I	39
PLOG-2200	proteomics_log	1190967	1191083	-	4	9	R.WLQKLA AHA A I KEVPAFAADAIGYLD AIVASFSEEDAAR.I	43
PLOG-2201	proteomics_log	1191138	1191164	-	4	25	R.YGDKVSALR.G	13
PLOG-2202	proteomics_log	1191138	1191209	-	4	5	S.MELSSLTAVSPVDGRYGDKVSALR.G	28
PLOG-2203	proteomics_log	1191165	1191209	-	4	103	S.MELSSLTAVSPVDGR.Y	19

PLOG-2204	proteomics_log	1191621	1191665	-	4	7	R.VGLETLLGVLNASSR.Q	19
PLOG-2205	proteomics_log	1192082	1192153	-	6	14	R.LMSVGLIAQQLHWVDREPFTGTMR.C	28
PLOG-2206	proteomics_log	1192424	1192459	-	6	9	R.KIAEDLGLVTAK.K	16
PLOG-2207	proteomics_log	1192724	1192804	-	6	4	K.LGIELHTVNFAAEYWDNVFELFLAEYK.A	31
PLOG-2208	proteomics_log	1199244	1199282	-	4	2	K.TGSKIAIPLSLRL.N	17
PLOG-2209	proteomics_log	1202043	1202117	-	4	3	R.KLRDGVGGNSSFATM*IDREPTQTSR.F	30
PLOG-2210	proteomics_log	1221546	1221623	-	4	2	K.VVEKLNQVCAKDPQMLLITAIDDTMR.A	30
PLOG-2211	proteomics_log	1221624	1221653	-	4	2	K.IEQSPELSAK.V	14
PLOG-2212	proteomics_log	1221624	1221662	-	4	5	R.DLKIEQSPELSAK.V	17
PLOG-2213	proteomics_log	1223505	1223564	-	4	31	K.DGDISILELNVTLPAAEELK.-	24
PLOG-2214	proteomics_log	1223565	1223612	-	4	15	K.YVQIDPEMVTVQLEQK.D	20
PLOG-2215	proteomics_log	1223613	1223639	-	4	4	R.KDILEVICK.Y	13
PLOG-2216	proteomics_log	1223640	1223681	-	4	8	R.RRSDAEPHYLPQLR.K	18
PLOG-2217	proteomics_log	1223706	1223732	-	4	4	K.NTANIAKER.L	13
PLOG-2218	proteomics_log	1223706	1223738	-	4	35	R.KKNTANIAKER.L	15
PLOG-2219	proteomics_log	1223739	1223765	-	4	52	M.ALDDFFLSR.K	13
PLOG-2220	proteomics_log	1223787	1223822	-	4	3	R.FIEEEKKGFLKR.L	16
PLOG-2221	proteomics_log	1223787	1223849	-	4	6	R.LLGEERPFRIIEEEKKGFLKR.L	25
PLOG-2222	proteomics_log	1223790	1223822	-	4	6	R.FIEEEKKGFLK.R	15
PLOG-2223	proteomics_log	1223790	1223849	-	4	4	R.LLGEERPFRIIEEEKKGFLK.R	24
PLOG-2224	proteomics_log	1223850	1223873	-	4	4	K.AYADTVR.L	12
PLOG-2225	proteomics_log	1223850	1223927	-	4	25	R.ASNQGEVPILDINADAGKAYADTVR.L	30
PLOG-2226	proteomics_log	1223874	1223927	-	4	36	R.ASNQGEVPILDINADAGK.A	22
PLOG-2227	proteomics_log	1223928	1223966	-	4	17	K.LVGVIPEDQSVLR.A	17
PLOG-2228	proteomics_log	1223928	1223972	-	4	265	R.IKLVGVIPEDQSVLR.A	19
PLOG-2229	proteomics_log	1223973	1224014	-	4	9	R.GDMLSM*EDVLEILR.I	19
PLOG-2230	proteomics_log	1223973	1224014	-	4	9	R.GDM*LSM*EDVLEILR.I	20
PLOG-2231	proteomics_log	1223973	1224014	-	4	36	R.GDM*LSMEDVLEILR.I	19
PLOG-2232	proteomics_log	1223973	1224014	-	4	211	R.GDMLSMEDVLEILR.I	18
PLOG-2233	proteomics_log	1223973	1224023	-	4	37	R.VSRGDMLSMEDVLEILR.I	21
PLOG-2234	proteomics_log	1224039	1224089	-	4	147	R.RAENGEEPIKEHLLLTR.Y	21
PLOG-2235	proteomics_log	1224039	1224095	-	4	3	K.SRRAENGEEPIKEHLLLTR.Y	23
PLOG-2236	proteomics_log	1224057	1224089	-	4	2	R.RAENGEEPIKE.H	15
PLOG-2237	proteomics_log	1224096	1224131	-	4	14	R.DSDRILGILASK.S	16
PLOG-2238	proteomics_log	1224273	1224308	-	4	31	R.DKDALTREGVAK.V	16
PLOG-2239	proteomics_log	1224309	1224347	-	4	37	R.TENLYILPASQTR.D	17
PLOG-2240	proteomics_log	1224348	1224419	-	4	2	R.VVYDFVNVIQGDATLNQALIKDKR.T	28
PLOG-2241	proteomics_log	1224348	1224422	-	4	53	R.RVVYDFVNVIQGDATLNQALIKDKR.T	29
PLOG-2242	proteomics_log	1224351	1224422	-	4	2	R.RVVYDFVNVIQGDATLNQALIKDK.R	28
PLOG-2243	proteomics_log	1224423	1224452	-	4	2	R.NLDLIMGCER.R	14
PLOG-2244	proteomics_log	1224453	1224485	-	4	3	K.TVVIDFDIGLR.N	15
PLOG-2245	proteomics_log	1224495	1224536	-	4	39	K.TTSSAAIATGLAQK.G	18
PLOG-2246	proteomics_log	1224495	1224575	-	4	2	R.IIVVTSGKGGVGKTTSSAAIATGLAQK.G	31
PLOG-2247	proteomics_log	1224537	1224575	-	4	4	R.IIVVTSGKGGVGK.T	17
PLOG-2248	proteomics_log	1224537	1224581	-	4	4	M.ARIIVVTSGKGGVGK.T	19
PLOG-2249	proteomics_log	1225106	1225171	-	6	7	K.HAPVVLNVSALEDPVNWSAMHK.A	26

PLOG-2250	proteomics_log	1226297	1226320	-	6	3	K.YNVDIQIK.-	12
PLOG-2251	proteomics_log	1226297	1226323	-	6	2	K.KYNVDIQIK.-	13
PLOG-2252	proteomics_log	1226366	1226431	-	6	17	R.YSPELD SHGQYSLPASGKYELR.V	26
PLOG-2253	proteomics_log	1226378	1226431	-	6	2	R.YSPELD SHGQYSLPASGK.Y	22
PLOG-2254	proteomics_log	1226432	1226512	-	6	10	K.VHVSISNEGADTYLFGPGIDDSVDLSR.Y	31
PLOG-2255	proteomics_log	1226597	1226629	-	6	19	A.AGKNVNVFEFRK.G	15
PLOG-2256	proteomics_log	1226600	1226629	-	6	3	A.AGKNVNVFEFR.K	14
PLOG-2257	proteomics_log	1232159	1232212	-	6	3	R.VAVDGVYCSGTGTDGAVV.P	22
PLOG-2258	proteomics_log	1232213	1232263	-	6	2	Q.GNDYVAIFEPM*FTRPGR.V	22
PLOG-2259	proteomics_log	1245274	1245318	-	5	4	K.THLLQPGLNNTSVK.S	19
PLOG-2260	proteomics_log	1245346	1245405	-	5	2	R.NQLTAAALFPLYVNAAAKDR.A	24
PLOG-2261	proteomics_log	1245352	1245405	-	5	2	R.NQLTAAALFPLYVNAAAK.D	22
PLOG-2262	proteomics_log	1245487	1245540	-	5	2	K.AAGDNAMANQYETLANAR.Q	22
PLOG-2263	proteomics_log	1245571	1245615	-	5	13	R.TTSIVPVDLNSLMFK.M	19
PLOG-2264	proteomics_log	1245616	1245651	-	5	6	R.WMDNPQQLNTRL.T	16
PLOG-2265	proteomics_log	1246144	1246215	-	5	3	R.STENTEKWDSLLPLPEPYVVPVGGGR.F	28
PLOG-2266	proteomics_log	1246294	1246326	-	5	2	R.HFVNVNFTLPK.E	15
PLOG-2267	proteomics_log	1246327	1246359	-	5	7	R.MQQNQSGFDLR.H	15
PLOG-2268	proteomics_log	1246360	1246416	-	5	12	K.TFADAVPNSDPLMILADYR.M	23
PLOG-2269	proteomics_log	1246435	1246509	-	5	7	A.EETPVTPQPPDILLGLFNDVQNAK.L	29
PLOG-2270	proteomics_log	1247765	1247812	-	6	2	R.LVYTLSTFNADMLLEK.N	20
PLOG-2271	proteomics_log	1248185	1248244	-	6	5	K.IAIAAGIDDPQNPIGTDVAVK.V	24
PLOG-2272	proteomics_log	1248272	1248301	-	6	26	R.LGEGVGELAR.Q	14
PLOG-2273	proteomics_log	1248302	1248334	-	6	3	M.VNLVIVSHSSR.L	15
PLOG-2274	proteomics_log	1248351	1248425	-	4	13	R.SIGHQDPGATSVFMFMQMLALAAKE.-	29
PLOG-2275	proteomics_log	1248456	1248554	-	4	5	R.QSSEQNLSVPVALEAASSIAESAAQSTITMQR.K	37
PLOG-2276	proteomics_log	1248621	1248647	-	4	3	R.DGADGVISR.G	13
PLOG-2277	proteomics_log	1248621	1248686	-	4	2	R.QSLTLEELYQM*FRDGADGVISR.G	27
PLOG-2278	proteomics_log	1248621	1248686	-	4	14	R.QSLTLEELYQMFRDGADGVISR.G	26
PLOG-2279	proteomics_log	1248648	1248686	-	4	2	R.QSLTLEELYQM*FR.D	18
PLOG-2280	proteomics_log	1248648	1248686	-	4	31	R.QSLTLEELYQMFR.D	17
PLOG-2281	proteomics_log	1248711	1248782	-	4	3	K.NTGM*TLSSVGGASGPLFGTFFIR.A	29
PLOG-2282	proteomics_log	1248711	1248782	-	4	16	K.NTGMTLLSSVGGASGPLFGTFFIR.A	28
PLOG-2283	proteomics_log	1248711	1248815	-	4	2	A.IADKDIGFILKNTGMTLLSSVGGASGPLFGTFFIR.A	39
PLOG-2284	proteomics_log	1248783	1248836	-	4	17	K.VVEKLPAIADKDIGFILK.N	22
PLOG-2285	proteomics_log	1248783	1248848	-	4	2	R.GFSKVVEKLPAIADKDIGFILK.N	26
PLOG-2286	proteomics_log	1248939	1248965	-	4	9	R.TQIVNWLTR.C	13
PLOG-2287	proteomics_log	1249165	1249230	-	5	7	R.VIALVNNLGATPLSELYGVYNR.L	26
PLOG-2288	proteomics_log	1249165	1249254	-	5	3	K.QPLQSGDRVIALVNNLGATPLSELYGVYNR.L	34
PLOG-2289	proteomics_log	1249312	1249386	-	5	11	R.RPFSSLDQTVDEMFDLTLVNGSYHR.T	29
PLOG-2290	proteomics_log	1249951	1249998	-	5	5	K.AHPSLTLHQDPVYVTR.A	20
PLOG-2291	proteomics_log	1249999	1250052	-	5	88	K.LINDVQDVLDEQLAGLAK.A	22
PLOG-2292	proteomics_log	1249999	1250061	-	5	3	I.M*KKLINDVQDVLDEQLAGLAK.A	26
PLOG-2293	proteomics_log	1249999	1250061	-	5	41	I.MKKLINDVQDVLDEQLAGLAK.A	25
PLOG-2294	proteomics_log	1255947	1255979	-	4	5	K.DGDVMNFLFNV.-	15
PLOG-2295	proteomics_log	1255947	1255979	-	4	5	K.DGDVM*NFLFNV.-	16



PLOG-2296	proteomics_log	1255947	1256006	-	4	72	R.AEGKDYIVKDGDMNFLFNV.-	24
PLOG-2297	proteomics_log	1255947	1256012	-	4	18	K.MRAEGKDYIVKDGDMNFLFNV.-	26
PLOG-2298	proteomics_log	1256115	1256162	-	4	25	R.AWTIPVGATAPQAAGK.I	20
PLOG-2299	proteomics_log	1256163	1256210	-	4	47	K.LLNLQTYFTAGVKEVR.A	20
PLOG-2300	proteomics_log	1256163	1256222	-	4	36	R.AGYKLLNLQTYFTAGVKEVR.A	24
PLOG-2301	proteomics_log	1256172	1256210	-	4	25	K.LLNLQTYFTAGVK.E	17
PLOG-2302	proteomics_log	1256172	1256222	-	4	2	R.AGYKLLNLQTYFTAGVK.E	21
PLOG-2303	proteomics_log	1256352	1256459	-	4	6	R.YLSFLTLPKPTMYIANVNEDGFENNPYLDQVREIAAK.E	40
PLOG-2304	proteomics_log	1256367	1256459	-	4	2	R.YLSFLTLPKPTM*YIANVNEDGFENNPYLDQVR.E	36
PLOG-2305	proteomics_log	1256367	1256459	-	4	131	R.YLSFLTLPKPTMYIANVNEDGFENNPYLDQVR.E	35
PLOG-2306	proteomics_log	1256460	1256498	-	4	16	R.ALDLSAEKKAIR.Y	17
PLOG-2307	proteomics_log	1256472	1256498	-	4	18	R.ALDLSAEK.A	13
PLOG-2308	proteomics_log	1256535	1256558	-	4	7	K.AELAVLEK.C	12
PLOG-2309	proteomics_log	1256535	1256579	-	4	64	K.GGDKDAKAEAVLEK.C	19
PLOG-2310	proteomics_log	1256535	1256585	-	4	19	K.AKGGDKDAKAEAVLEK.C	21
PLOG-2311	proteomics_log	1256721	1256750	-	4	38	R.ETEAIQHVVR.C	14
PLOG-2312	proteomics_log	1256721	1256789	-	4	17	K.GEGLNQFLTNIQRETEAIQHVVR.C	27
PLOG-2313	proteomics_log	1256721	1256801	-	4	156	K.GASKGEGLNQFLTNIQRETEAIQHVVR.C	31
PLOG-2314	proteomics_log	1256751	1256789	-	4	9	K.GEGLNQFLTNIQRETEAIQHVVR.C	17
PLOG-2315	proteomics_log	1256751	1256801	-	4	10	K.GASKGEGLNQFLTNIQRETEAIQHVVR.C	21
PLOG-2316	proteomics_log	1256772	1256849	-	4	2	R.TLPTTMEFVDIAGLVKQGLGKASKGEGLGN.Q	30
PLOG-2317	proteomics_log	1256802	1256843	-	4	5	L.PTTMEFVDIAGLVK.G	18
PLOG-2318	proteomics_log	1256802	1256849	-	4	13	R.TLPTTMEFVDIAGLVK.G	21
PLOG-2319	proteomics_log	1256802	1256849	-	4	231	R.TLPTTMEFVDIAGLVK.G	20
PLOG-2320	proteomics_log	1256802	1256885	-	4	70	R.LDQLAEIVKQRTLPPTTMEFVDIAGLVK.G	32
PLOG-2321	proteomics_log	1256850	1256885	-	4	11	R.LDQLAEIVKQRTLPPTTMEFVDIAGLVK.G	16
PLOG-2322	proteomics_log	1256964	1256990	-	4	14	K.STLFNLT.K.A	13
PLOG-2323	proteomics_log	1256964	1257032	-	4	8	M.GFKCGIVGLPNVKGKSTLFNLT.K.A	27
PLOG-2324	proteomics_log	1257635	1257676	-	6	5	R.HNAGAWFVDLLAER.L	18
PLOG-2325	proteomics_log	1260154	1260192	-	5	11	R.ISNEESISAM*FEH.-	18
PLOG-2326	proteomics_log	1260154	1260192	-	5	130	R.ISNEESISAMFEH.-	17
PLOG-2327	proteomics_log	1260154	1260195	-	5	60	R.RISNEESISAMFEH.-	18
PLOG-2328	proteomics_log	1260154	1260234	-	5	12	R.TLTSLGMLAEAIRRISNEESISAMFEH.-	31
PLOG-2329	proteomics_log	1260193	1260234	-	5	66	R.TLTSLGMLAEAIRR.I	18
PLOG-2330	proteomics_log	1260196	1260234	-	5	4	R.TLTSLGMLAEAIRR.I	18
PLOG-2331	proteomics_log	1260196	1260234	-	5	239	R.TLTSLGMLAEAIRR.I	17
PLOG-2332	proteomics_log	1260205	1260234	-	5	7	R.TLTSLGMLAEAIRR.I	15
PLOG-2333	proteomics_log	1260235	1260282	-	5	22	C.DTIPLSDEIKSLPNVR.T	20
PLOG-2334	proteomics_log	1260235	1260312	-	5	6	R.NSVIDEVVVCDTIPLSDEIKSLPNVR.T	30
PLOG-2335	proteomics_log	1260313	1260369	-	5	198	R.VFAYATHPIFSGNAANNLR.N	23
PLOG-2336	proteomics_log	1260313	1260372	-	5	53	K.RVFAYATHPIFSGNAANNLR.N	24
PLOG-2337	proteomics_log	1260313	1260381	-	5	18	R.GAKRVFAYATHPIFSGNAANNLR.N	27
PLOG-2338	proteomics_log	1260373	1260405	-	5	12	K.AAEALKER.GAK.R	15
PLOG-2339	proteomics_log	1260382	1260405	-	5	73	K.AAEALKER.G	12
PLOG-2340	proteomics_log	1260406	1260504	-	5	6	R.ANVSQVMHIIGDVAGRDCVLVDDMIDTGGTLCK.A	37
PLOG-2341	proteomics_log	1260457	1260504	-	5	229	R.ANVSQVMHIIGDVAGRDCVLVDDMIDTGGTLCK.A	20

PLOG-2342	proteomics_log	1260505	1260552	-	5	5	K.LLNDTDM*AIIDKRRPR.A	21
PLOG-2343	proteomics_log	1260505	1260552	-	5	10	K.LLNDTDMAIIDKRRPR.A	20
PLOG-2344	proteomics_log	1260505	1260564	-	5	21	R.AIAKLLNDTDMAIIDKRRPR.A	24
PLOG-2345	proteomics_log	1260514	1260552	-	5	7	K.LLNDTDM*AIIDKR.R	18
PLOG-2346	proteomics_log	1260514	1260552	-	5	148	K.LLNDTDMAIIDKR.R	17
PLOG-2347	proteomics_log	1260514	1260564	-	5	4	R.AIAKLLNDTDMAIIDKR.R	21
PLOG-2348	proteomics_log	1260517	1260552	-	5	17	K.LLNDTDMAIIDK.R	16
PLOG-2349	proteomics_log	1260571	1260618	-	5	35	N.LDNPIVVSPDIGGVVR.A	20
PLOG-2350	proteomics_log	1260571	1260624	-	5	4	Q.LNLDNPIVVSPDIGGVVR.A	22
PLOG-2351	proteomics_log	1260727	1260765	-	5	280	K.VVADFLSSVGVDR.V	17
PLOG-2352	proteomics_log	1260727	1260792	-	5	88	R.SARVPITAKVVADFLSSVGVDR.V	26
PLOG-2353	proteomics_log	1260727	1260798	-	5	2	R.VRSARVPITAKVVADFLSSVGVDR.V	28
PLOG-2354	proteomics_log	1260766	1260792	-	5	55	R.SARVPITAK.V	13
PLOG-2355	proteomics_log	1260811	1260846	-	5	96	R.ITAVIPYFGYAR.Q	16
PLOG-2356	proteomics_log	1260811	1260861	-	5	12	R.ASAGRITAVIPYFGYAR.Q	21
PLOG-2357	proteomics_log	1260811	1260864	-	5	17	R.RASAGRITAVIPYFGYAR.Q	22
PLOG-2358	proteomics_log	1260817	1260846	-	5	2	R.ITAVIPYFGY.A	14
PLOG-2359	proteomics_log	1260823	1260846	-	5	4	R.ITAVIPYF.G	12
PLOG-2360	proteomics_log	1260862	1260951	-	5	7	R.GGDIIFIQSTCAPTNDNLMELVVMVDALRR.A	34
PLOG-2361	proteomics_log	1260865	1260951	-	5	2	R.GGDIIFIQSTCAPTNDNLMELVVMVDALR.R	33
PLOG-2362	proteomics_log	1260952	1260996	-	5	22	R.FSDGEVSVQINENVR.G	19
PLOG-2363	proteomics_log	1260952	1261032	-	5	3	R.LYTSLGDAAVGRFSDGEVSVQINENVR.G	31
PLOG-2364	proteomics_log	1260952	1261044	-	5	23	R.IANRLYTSLGDAAVGRFSDGEVSVQINENVR.G	35
PLOG-2365	proteomics_log	1260997	1261032	-	5	128	R.LYTSLGDAAVGR.F	16
PLOG-2366	proteomics_log	1260997	1261044	-	5	175	R.IANRLYTSLGDAAVGR.F	20
PLOG-2367	proteomics_log	1261045	1261083	-	5	196	K.LFAGNATPELAQR.I	17
PLOG-2368	proteomics_log	1261045	1261095	-	5	6	V.PDM*KLFAGNATPELAQR.I	22
PLOG-2369	proteomics_log	1261045	1261095	-	5	265	V.PDMKLFAGNATPELAQR.I	21
PLOG-2370	proteomics_log	1262397	1262477	-	4	6	R.LLLTNPLGSTELELNAQPGNVQLVDNK.G	31
PLOG-2371	proteomics_log	1262514	1262558	-	4	2	R.GAFAYISDQQKVYAR.F	19
PLOG-2372	proteomics_log	1271486	1271566	-	6	7	R.FFMPFIIIPFGIFM*LHSSPGHFM*RGFF.A	33
PLOG-2373	proteomics_log	1272472	1272567	-	5	17	R.GISTLPLIDGVEIGTLVELAQWTLSDKVLTF.-	36
PLOG-2374	proteomics_log	1272484	1272567	-	5	9	R.GISTLPLIDGVEIGTLVELAQWTLSDK.V	32
PLOG-2375	proteomics_log	1272670	1272708	-	5	6	R.LFLMSDAVTAGLR.G	17
PLOG-2376	proteomics_log	1272754	1272813	-	5	17	K.IVIVANGAPYGSESLFNLSR.L	24
PLOG-2377	proteomics_log	1274489	1274518	-	6	2	R.RLDITESTVK.V	14
PLOG-2378	proteomics_log	1274615	1274698	-	6	5	K.ALHQAAGEMVLSEALTPVLAASLRANR.A	32
PLOG-2379	proteomics_log	1274624	1274698	-	6	37	K.ALHQAAGEMVLSEALTPVLAASLR.A	29
PLOG-2380	proteomics_log	1274624	1274749	-	6	18	R.GADGYLLKDMEPEDLLKALHQAAGEMVLSEALTPVLAASLR.A	46
PLOG-2381	proteomics_log	1274699	1274749	-	6	9	R.GADGYLLKDMEPEDLLK.A	21
PLOG-2382	proteomics_log	1274750	1274806	-	6	15	R.IVVFSVSNHEEDVVTALKR.G	23
PLOG-2383	proteomics_log	1274996	1275049	-	6	46	M.SNQEPATILLIDHPMLR.T	22
PLOG-2384	proteomics_log	1274996	1275049	-	6	46	M.SNQEPATILLIDHPMLR.T	22
PLOG-2385	proteomics_log	1278246	1278296	-	4	2	K.SSGKWNHYPAQLSGTAP.G	21
PLOG-2386	proteomics_log	1281397	1281417	-	5	2	A.RQTEVQR.N	11
PLOG-2387	proteomics_log	1287008	1287067	-	6	11	R.ALYKVLAQRVFVYGNRTIIL.-	24

PLOG-2388	proteomics_log	1287041	1287067	-	6	2	R.ALYKVLAQR.V	13
PLOG-2389	proteomics_log	1287068	1287103	-	6	84	R.AGRDVEKNVLSR.A	16
PLOG-2390	proteomics_log	1287248	1287307	-	6	2	R.FPNKIINIHHSFPAFIGAR.P	24
PLOG-2391	proteomics_log	1287344	1287394	-	6	9	K.MADAIDAYQPDYVVLAK.Y	21
PLOG-2392	proteomics_log	1287413	1287457	-	6	2	R.FDIPFELVSHEGLTR.N	19
PLOG-2393	proteomics_log	1287617	1287694	-	6	62	R.TELEGIFNDSTLLADLDSALPEGSVR.E	30
PLOG-2394	proteomics_log	1287782	1287817	-	6	2	R.TICPDQKGLIAR.I	16
PLOG-2395	proteomics_log	1289214	1289234	-	4	4	S.GGSPAMR.F	11
PLOG-2396	proteomics_log	1291735	1291761	-	5	214	K.SLDDFLIKQ.-	13
PLOG-2397	proteomics_log	1291735	1291782	-	5	78	K.AM*DEQGKSLDDFLIKQ.-	21
PLOG-2398	proteomics_log	1291735	1291782	-	5	251	K.AMDEQGKSLDDFLIKQ.-	20
PLOG-2399	proteomics_log	1291735	1291785	-	5	6	K.KAM*DEQGKSLDDFLIKQ.-	22
PLOG-2400	proteomics_log	1291735	1291785	-	5	176	K.KAMDEQGKSLDDFLIKQ.-	21
PLOG-2401	proteomics_log	1291735	1291803	-	5	6	R.TPAVIKKAM*DEQGKSLDDFLIKQ.-	28
PLOG-2402	proteomics_log	1291735	1291803	-	5	89	R.TPAVIKKAMDEQGKSLDDFLIKQ.-	27
PLOG-2403	proteomics_log	1291738	1291761	-	5	15	K.SLDDFLIK.Q	12
PLOG-2404	proteomics_log	1291762	1291803	-	5	6	R.TPAVIKKAMDEQGK.S	18
PLOG-2405	proteomics_log	1291783	1291824	-	5	15	K.TWTGQGRTPAVIKK.A	18
PLOG-2406	proteomics_log	1291783	1291857	-	5	2	K.YSYVDENGETKTWTGQGRTPAVIKK.A	29
PLOG-2407	proteomics_log	1291804	1291857	-	5	19	K.YSYVDENGETKTWTGQGR.T	22
PLOG-2408	proteomics_log	1291804	1291875	-	5	10	R.AQRPAKYSYVDENGETKTWTGQGR.T	28
PLOG-2409	proteomics_log	1291804	1291878	-	5	9	K.RAQRPAKYSYVDENGETKTWTGQGR.T	29
PLOG-2410	proteomics_log	1291825	1291857	-	5	60	K.YSYVDENGETK.T	15
PLOG-2411	proteomics_log	1291825	1291875	-	5	45	R.AQRPAKYSYVDENGETK.T	21
PLOG-2412	proteomics_log	1291825	1291878	-	5	68	K.RAQRPAKYSYVDENGETK.T	22
PLOG-2413	proteomics_log	1291876	1291959	-	5	19	R.EMLIADGIDPNELLNSLAAVKSGTKAKR.A	32
PLOG-2414	proteomics_log	1291879	1291959	-	5	78	R.EMLIADGIDPNELLNSLAAVKSGTKAK.R	31
PLOG-2415	proteomics_log	1291879	1291977	-	5	9	R.KLQQYREM*LIADGIDPNELLNSLAAVKSGTKAK.R	38
PLOG-2416	proteomics_log	1291879	1291977	-	5	14	R.KLQQYREMLIADGIDPNELLNSLAAVKSGTKAK.R	37
PLOG-2417	proteomics_log	1291885	1291959	-	5	5	R.EM*LIADGIDPNELLNSLAAVKSGTK.A	30
PLOG-2418	proteomics_log	1291885	1291959	-	5	169	R.EMLIADGIDPNELLNSLAAVKSGTK.A	29
PLOG-2419	proteomics_log	1291885	1291974	-	5	60	K.LQQYREMLIADGIDPNELLNSLAAVKSGTK.A	34
PLOG-2420	proteomics_log	1291885	1291977	-	5	10	R.KLQQYREM*LIADGIDPNELLNSLAAVKSGTK.A	36
PLOG-2421	proteomics_log	1291885	1291977	-	5	193	R.KLQQYREMLIADGIDPNELLNSLAAVKSGTK.A	35
PLOG-2422	proteomics_log	1291897	1291932	-	5	9	D.PNELLNSLAAVK.S	16
PLOG-2423	proteomics_log	1291897	1291944	-	5	5	A.DGIDPNELLNSLAAVK.S	20
PLOG-2424	proteomics_log	1291897	1291947	-	5	2	I.ADGIDPNELLNSLAAVK.S	21
PLOG-2425	proteomics_log	1291897	1291950	-	5	68	L.IADGIDPNELLNSLAAVK.S	22
PLOG-2426	proteomics_log	1291897	1291953	-	5	18	M.LIADGIDPNELLNSLAAVK.S	23
PLOG-2427	proteomics_log	1291897	1291956	-	5	5	E.MLIADGIDPNELLNSLAAVK.S	24
PLOG-2428	proteomics_log	1291897	1291959	-	5	316	R.EM*LIADGIDPNELLNSLAAVK.S	26
PLOG-2429	proteomics_log	1291897	1291959	-	5	637	R.EMLIADGIDPNELLNSLAAVK.S	25
PLOG-2430	proteomics_log	1291897	1291968	-	5	7	Q.QYREMLIADGIDPNELLNSLAAVK.S	28
PLOG-2431	proteomics_log	1291897	1291974	-	5	34	K.LQQYREM*LIADGIDPNELLNSLAAVK.S	31
PLOG-2432	proteomics_log	1291897	1291974	-	5	210	K.LQQYREMLIADGIDPNELLNSLAAVK.S	30
PLOG-2433	proteomics_log	1291897	1291977	-	5	75	R.KLQQYREM*LIADGIDPNELLNSLAAVK.S	32

PLOG-2434	proteomics_log	1291897	1291977	-	5	273	R.KLQQYREMLIADGIDPNELLNSLAAVK.S	31
PLOG-2435	proteomics_log	1291897	1291983	-	5	11	R.TRKLQQYREM*LIADGIDPNELLNSLAAVK.S	34
PLOG-2436	proteomics_log	1291897	1291983	-	5	81	R.TRKLQQYREMLIADGIDPNELLNSLAAVK.S	33
PLOG-2437	proteomics_log	1291900	1291959	-	5	2	R.EM*LIADGIDPNELLNSLAAV.K	25
PLOG-2438	proteomics_log	1291906	1291959	-	5	4	R.EM*LIADGIDPNELLNSLA.A	23
PLOG-2439	proteomics_log	1291912	1291959	-	5	7	R.EM*LIADGIDPNELLNS.L	21
PLOG-2440	proteomics_log	1291912	1291959	-	5	22	R.EMLIADGIDPNELLNS.L	20
PLOG-2441	proteomics_log	1291912	1291977	-	5	17	R.KLQQYREMLIADGIDPNELLNS.L	26
PLOG-2442	proteomics_log	1291960	1291983	-	5	29	R.TRKLQQYR.E	12
PLOG-2443	proteomics_log	1291975	1292025	-	5	18	R.REEESAAAAEVEERTRK.L	21
PLOG-2444	proteomics_log	1291978	1292025	-	5	155	R.REEESAAAAEVEERTR.K	20
PLOG-2445	proteomics_log	1291978	1292049	-	5	2	K.LEVVVNERREEESAAAAEVEERTR.K	28
PLOG-2446	proteomics_log	1291984	1292022	-	5	78	R.EEESAAAAEVEER.T	17
PLOG-2447	proteomics_log	1291984	1292025	-	5	170	R.REEESAAAAEVEER.T	18
PLOG-2448	proteomics_log	1291984	1292049	-	5	43	K.LEVVVNERREEESAAAAEVEER.T	26
PLOG-2449	proteomics_log	1292026	1292049	-	5	153	K.LEVVVNER.R	12
PLOG-2450	proteomics_log	1292026	1292067	-	5	13	L.EEMLEKLEVVVNER.R	18
PLOG-2451	proteomics_log	1292026	1292070	-	5	12	T.LEEMLEKLEVVVNER.R	19
PLOG-2452	proteomics_log	1292026	1292076	-	5	2	L.ETLEEMLEKLEVVVNER.R	21
PLOG-2453	proteomics_log	1292026	1292079	-	5	4	T.LEEMLEKLEVVVNER.R	22
PLOG-2454	proteomics_log	1292026	1292088	-	5	19	R.ECTLETLEEMLEKLEVVVNER.R	25
PLOG-2455	proteomics_log	1292026	1292100	-	5	5	R.AQARECTLETLEEMLEKLEVVVNER.R	29
PLOG-2456	proteomics_log	1292050	1292088	-	5	9	R.ECTLETLEEMLEK.L	17
PLOG-2457	proteomics_log	1292050	1292091	-	5	6	A.RECTLETLEEM*LEK.L	19
PLOG-2458	proteomics_log	1292089	1292142	-	5	2	M.SEALKILNNIRTTLRAQAR.E	22
PLOG-2459	proteomics_log	1292101	1292142	-	5	98	M.SEALKILNNIRTTLR.A	18
PLOG-2460	proteomics_log	1292101	1292145	-	5	14	T.MSEALKILNNIRTTLR.A	19
PLOG-2461	proteomics_log	1292110	1292142	-	5	225	M.SEALKILNNIR.T	15
PLOG-2462	proteomics_log	1292110	1292145	-	5	92	T.MSEALKILNNIR.T	16
PLOG-2463	proteomics_log	1294681	1294716	-	5	2	K.EAAPAKAEKKAK.K	16
PLOG-2464	proteomics_log	1294690	1294719	-	5	4	K.KEAAPAKAEK.K	14
PLOG-2465	proteomics_log	1294717	1294779	-	5	3	K.QILLDITYYGRDYVEGETAAKK.E	25
PLOG-2466	proteomics_log	1294720	1294779	-	5	2	K.QILLDITYYGRDYVEGETAAK.K	24
PLOG-2467	proteomics_log	1294720	1294803	-	5	5	R.YPLISELKQILLDITYYGRDYVEGETAAK.K	32
PLOG-2468	proteomics_log	1294852	1294896	-	5	4	R.EAGVQEADFLANVDK.L	19
PLOG-2469	proteomics_log	1294906	1294953	-	5	73	K.LLAWLETLKAELGIPK.S	20
PLOG-2470	proteomics_log	1294906	1294962	-	5	34	K.IEKLLAWLETLKAELGIPK.S	23
PLOG-2471	proteomics_log	1294906	1294974	-	5	29	R.TAAKIEKLLAWLETLKAELGIPK.S	27
PLOG-2472	proteomics_log	1294906	1294977	-	5	17	D.RTAAKIEKLLAWLETLKAELGIPK.S	28
PLOG-2473	proteomics_log	1294927	1294953	-	5	13	K.LLAWLETLK.A	13
PLOG-2474	proteomics_log	1294954	1295022	-	5	8	R.YAEIADHLGLSAPGDRTAAKIEK.L	27
PLOG-2475	proteomics_log	1294975	1295022	-	5	14	R.YAEIADHLGLSAPGDR.T	20
PLOG-2476	proteomics_log	1294975	1295028	-	5	2	R.RRYAEIADHLGLSAPGDR.T	22
PLOG-2477	proteomics_log	1295029	1295094	-	5	25	R.YNANDNPTKQTAFSQYDRPQAR.R	26
PLOG-2478	proteomics_log	1295068	1295094	-	5	16	R.YNANDNPTK.Q	13
PLOG-2479	proteomics_log	1295245	1295304	-	5	51	K.LLKEYLPASYHEGSKNPVAR.E	24

PLOG-2480	proteomics_log	1295296	1295412	-	5	4	K.SLCAFGGLDAVTHAMEAYVSVLASEFSDGQALQALKLLK.E	43
PLOG-2481	proteomics_log	1295305	1295412	-	5	10	K.SLCAFGGLDAVTHAMEAYVSVLASEFSDGQALQALK.L	40
PLOG-2482	proteomics_log	1295413	1295487	-	5	3	K.YPLADYALTPDMAIVDANLVMDMPK.S	29
PLOG-2483	proteomics_log	1295608	1295685	-	5	2	K.IMWVMEHPETHFEELALRFMDIRKR.I	30
PLOG-2484	proteomics_log	1295629	1295685	-	5	2	K.IMWVM*YEHPEETHFEELALR.F	24
PLOG-2485	proteomics_log	1295629	1295685	-	5	2	K.IM*WVMEHPETHFEELALR.F	24
PLOG-2486	proteomics_log	1295629	1295685	-	5	2	K.IM*WVM*YEHPEETHFEELALR.F	25
PLOG-2487	proteomics_log	1295629	1295685	-	5	128	K.IMWVMEHPETHFEELALR.F	23
PLOG-2488	proteomics_log	1295686	1295763	-	5	14	K.GAELANSFKPDVIIALGGGSPMDAAK.I	30
PLOG-2489	proteomics_log	1295686	1295766	-	5	4	R.KGAELANSFKPDVIIALGGGSPM*DAAK.I	32
PLOG-2490	proteomics_log	1295686	1295766	-	5	162	R.KGAELANSFKPDVIIALGGGSPMDAAK.I	31
PLOG-2491	proteomics_log	1295833	1295880	-	5	58	R.FLFNNGYADQITSVLK.A	20
PLOG-2492	proteomics_log	1295833	1295901	-	5	105	R.ALIVTDRFLFNNGYADQITSVLK.A	27
PLOG-2493	proteomics_log	1295902	1295943	-	5	2	L.PIALDEVITDGHKR.A	18
PLOG-2494	proteomics_log	1295902	1295952	-	5	63	R.GSLPIALDEVITDGHKR.A	21
PLOG-2495	proteomics_log	1295902	1295955	-	5	174	R.RGSLPIALDEVITDGHKR.A	22
PLOG-2496	proteomics_log	1295905	1295955	-	5	8	R.RGSLPIALDEVITDGHK.R	21
PLOG-2497	proteomics_log	1295956	1296006	-	5	2	K.RAENMLWHKLPKSIYFR.R	21
PLOG-2498	proteomics_log	1295971	1296006	-	5	18	K.RAENMLWHKLPK.S	16
PLOG-2499	proteomics_log	1296007	1296036	-	5	10	K.HLINKKTVAK.R	14
PLOG-2500	proteomics_log	1296019	1296108	-	5	6	K.LAPSLTLGCGSWGGSISENVGPKHLINKK.T	34
PLOG-2501	proteomics_log	1296037	1296165	-	5	7	R.ILINTPASQGGIGDLYNFKLAPSLTLGCGSWGGSISENVGPK.H	47
PLOG-2502	proteomics_log	1296109	1296165	-	5	292	R.ILINTPASQGGIGDLYNFK.L	23
PLOG-2503	proteomics_log	1296118	1296165	-	5	4	R.ILINTPASQGGIGDLY.N	20
PLOG-2504	proteomics_log	1296127	1296165	-	5	2	R.ILINTPASQGGIG.D	17
PLOG-2505	proteomics_log	1296166	1296201	-	5	4	R.VSYFGQKMK.TAR.I	16
PLOG-2506	proteomics_log	1296175	1296201	-	5	4	R.VSYFGQKMK.T	13
PLOG-2507	proteomics_log	1296181	1296201	-	5	19	R.VSYFGQK.M	11
PLOG-2508	proteomics_log	1296181	1296270	-	5	3	K.LVAMGGIGHTSCLYTDQDNQPARVSYFGQK.M	34
PLOG-2509	proteomics_log	1296202	1296270	-	5	6	K.LVAMGGIGHTSCLYTDQDNQPAR.V	27
PLOG-2510	proteomics_log	1296202	1296309	-	5	11	R.AKDFEDAWEKAELVAMGGIGHTSCLYTDQDNQPAR.V	40
PLOG-2511	proteomics_log	1296271	1296303	-	5	2	K.DFEDAWEKAEL.L	15
PLOG-2512	proteomics_log	1296271	1296309	-	5	131	R.AKDFEDAWEKAEL.L	17
PLOG-2513	proteomics_log	1296280	1296303	-	5	2	K.DFEDAWEK.A	12
PLOG-2514	proteomics_log	1296280	1296309	-	5	91	R.AKDFEDAWEK.A	14
PLOG-2515	proteomics_log	1296310	1296336	-	5	8	K.LSPTLAM.YR.A	13
PLOG-2516	proteomics_log	1296310	1296393	-	5	14	K.ILIGEVTVVDESEPFHEKLSPTLAM*YR.A	33
PLOG-2517	proteomics_log	1296310	1296393	-	5	120	K.ILIGEVTVVDESEPFHEKLSPTLAM.YR.A	32
PLOG-2518	proteomics_log	1296310	1296435	-	5	2	K.IAELAGFSVPENTKILIGEVTVVDESEPFHEKLSPTLAM.YR.A	46
PLOG-2519	proteomics_log	1296337	1296393	-	5	116	K.ILIGEVTVVDESEPFHEK.L	23
PLOG-2520	proteomics_log	1296337	1296435	-	5	7	K.IAELAGFSVPENTKILIGEVTVVDESEPFHEK.L	37
PLOG-2521	proteomics_log	1296394	1296435	-	5	142	K.IAELAGFSVPENTK.I	18
PLOG-2522	proteomics_log	1296394	1296504	-	5	60	K.AVQDVILKNGALNAAIVGQPAYKIAELAGFSVPENTK.I	41
PLOG-2523	proteomics_log	1296394	1296513	-	5	4	K.ELKAVQDVILKNGALNAAIVGQPAYKIAELAGFSVPENTK.I	44
PLOG-2524	proteomics_log	1296436	1296480	-	5	38	K.NGALNAAIVGQPAYK.I	19
PLOG-2525	proteomics_log	1296436	1296504	-	5	61	K.AVQDVILKNGALNAAIVGQPAYK.I	27

PLOG-2526	proteomics_log	1296436	1296513	-	5	22	K.ELKAVQDVILKNGALNAAIVGQPAYK.I	30
PLOG-2527	proteomics_log	1296436	1296549	-	5	9	R.FATHGGYLLQGKELKAVQDVILKNGALNAAIVGQPAYK.I	42
PLOG-2528	proteomics_log	1296481	1296504	-	5	9	K.AVQDVILK.N	12
PLOG-2529	proteomics_log	1296481	1296549	-	5	14	R.FATHGGYLLQGKELKAVQDVILK.N	27
PLOG-2530	proteomics_log	1296505	1296549	-	5	82	R.FATHGGYLLQGKELK.A	19
PLOG-2531	proteomics_log	1296505	1296555	-	5	2	R.ERFATHGGYLLQGKELK.A	21
PLOG-2532	proteomics_log	1296514	1296549	-	5	92	R.FATHGGYLLQGK.E	16
PLOG-2533	proteomics_log	1296550	1296630	-	5	19	K.TFDNGVICASEQSVVVVDSVYDAVRER.F	31
PLOG-2534	proteomics_log	1296550	1296657	-	5	4	R.AVASVLMKSTFDNGVICASEQSVVVVDSVYDAVRER.F	40
PLOG-2535	proteomics_log	1296631	1296657	-	5	3	R.AVASVLM*SK.T	14
PLOG-2536	proteomics_log	1296631	1296657	-	5	99	R.AVASVLMK.T	13
PLOG-2537	proteomics_log	1296631	1296744	-	5	19	K.AAYSSGKPAIGVGAGNTPVVIDETADIKRAVASVLMK.T	42
PLOG-2538	proteomics_log	1296658	1296741	-	5	10	A.AYSSGKPAIGVGAGNTPVVIDETADIKR.A	32
PLOG-2539	proteomics_log	1296658	1296744	-	5	130	K.AAYSSGKPAIGVGAGNTPVVIDETADIKR.A	33
PLOG-2540	proteomics_log	1296661	1296744	-	5	10	K.AAYSSGKPAIGVGAGNTPVVIDETADIK.R	32
PLOG-2541	proteomics_log	1296745	1296846	-	5	24	L.IGWIDQPSVELSNALMHHDPINLILATGGPGMVK.A	38
PLOG-2542	proteomics_log	1296745	1296852	-	5	95	K.DLIGWIDQPSVELSNALMHHDPINLILATGGPGMVK.A	40
PLOG-2543	proteomics_log	1296745	1296855	-	5	3	P.KDLIGWIDQPSVELSNALMHHDPINLILATGGPGMVK.A	41
PLOG-2544	proteomics_log	1296745	1296876	-	5	2	A.AIAAGAPKDLIGWIDQPSVELSNALMHHDPINLILATGGPGMVK.A	48
PLOG-2545	proteomics_log	1296853	1296900	-	5	12	K.AADIVLQAAIAAGAPK.D	20
PLOG-2546	proteomics_log	1296853	1296915	-	5	12	K.DATNKAADIVLQAAIAAGAPK.D	25
PLOG-2547	proteomics_log	1296853	1296921	-	5	73	R.AKDATNKAADIVLQAAIAAGAPK.D	27
PLOG-2548	proteomics_log	1296853	1296951	-	5	2	R.NAIIFSPHPRKDATNKAADIVLQAAIAAGAPK.D	37
PLOG-2549	proteomics_log	1296922	1296951	-	5	168	R.NAIIFSPHR.A	14
PLOG-2550	proteomics_log	1296922	1296957	-	5	15	K.TRNAIIFSPHR.A	16
PLOG-2551	proteomics_log	1296976	1297092	-	5	10	K.TCGVLSDDTFTGTTIAEPIGIIICGIVPTTNPSTAIK.S	43
PLOG-2552	proteomics_log	1297093	1297140	-	5	7	K.NHFASEYIYNAYKDEK.T	20
PLOG-2553	proteomics_log	1297093	1297149	-	5	31	K.VIKNHFASEYIYNAYKDEK.T	23
PLOG-2554	proteomics_log	1297093	1297191	-	5	13	K.MAVAESGMGIVEDKVIKNHFASEYIYNAYKDEK.T	37
PLOG-2555	proteomics_log	1297141	1297188	-	5	2	M.AVAESGMGIVEDKVIK.N	20
PLOG-2556	proteomics_log	1297141	1297191	-	5	23	K.MAVAESGMGIVEDKVIK.N	21
PLOG-2557	proteomics_log	1297150	1297188	-	5	2	M.AVAESGM*GIVEDK.V	18
PLOG-2558	proteomics_log	1297150	1297188	-	5	7	M.AVAESGMGIVEDK.V	17
PLOG-2559	proteomics_log	1297150	1297191	-	5	3	K.M*AVAESGM*GIVEDK.V	20
PLOG-2560	proteomics_log	1297150	1297191	-	5	4	K.MAVAESGM*GIVEDK.V	19
PLOG-2561	proteomics_log	1297150	1297191	-	5	4	K.M*AVAESGMGIVEDK.V	19
PLOG-2562	proteomics_log	1297150	1297191	-	5	69	K.MAVAESGMGIVEDK.V	18
PLOG-2563	proteomics_log	1297192	1297236	-	5	112	R.AAALAAADARIPLAK.M	19
PLOG-2564	proteomics_log	1297192	1297281	-	5	7	R.EYASFTQEVDKIFRAAALAAADARIPLAK.M	34
PLOG-2565	proteomics_log	1297192	1297290	-	5	6	K.AQREYASFTQEVDKIFRAAALAAADARIPLAK.M	37
PLOG-2566	proteomics_log	1297207	1297236	-	5	143	R.AAALAAADAR.I	14
PLOG-2567	proteomics_log	1297237	1297281	-	5	69	R.EYASFTQEVDKIFR.A	19
PLOG-2568	proteomics_log	1297237	1297290	-	5	92	K.AQREYASFTQEVDKIFR.A	22
PLOG-2569	proteomics_log	1297237	1297293	-	5	24	K.KAQREYASFTQEVDKIFR.A	23
PLOG-2570	proteomics_log	1297237	1297299	-	5	42	R.VKKAQREYASFTQEVDKIFR.A	25
PLOG-2571	proteomics_log	1297246	1297281	-	5	2	R.EYASFTQEVDK.I	16

PLOG-2572	proteomics_log	1297246	1297293	-	5	2	K.KAQREYASFTQEQVDK.I	20
PLOG-2573	proteomics_log	1297246	1297299	-	5	4	R.VKKAQREYASFTQEQVDK.I	22
PLOG-2574	proteomics_log	1297282	1297341	-	5	2	M.AVTNVAELNALVERVKKQR.E	24
PLOG-2575	proteomics_log	1297294	1297341	-	5	11	M.AVTNVAELNALVERVK.K	20
PLOG-2576	proteomics_log	1297300	1297341	-	5	159	M.AVTNVAELNALVER.V	18
PLOG-2577	proteomics_log	1305040	1305150	-	5	14	R.LTEDETLEQAYDIFLELAADNLDPADVLLFNLFQFEER.G	41
PLOG-2578	proteomics_log	1307169	1307228	-	4	14	K.MVHPDIILSPQLFGSEILAR.V	24
PLOG-2579	proteomics_log	1307379	1307435	-	4	2	R.LGDNADVIPGDSNDSSVLK.K	23
PLOG-2580	proteomics_log	1308782	1308808	-	6	69	R.LQLLHDEGR.L	13
PLOG-2581	proteomics_log	1308809	1308838	-	6	6	R.LSVRPAHLAR.L	14
PLOG-2582	proteomics_log	1312964	1313020	-	6	2	K.MAALGQSIGGIFPSDEIVK.G	23
PLOG-2583	proteomics_log	1313405	1313500	-	6	4	R.DAALIAAAQKVEHYEIASYGTLATLAEQLGYR.K	36
PLOG-2584	proteomics_log	1313717	1313782	-	6	5	K.TIEDVFIHLLSDTYSAEKQLTR.A	26
PLOG-2585	proteomics_log	1313729	1313782	-	6	7	K.TIEDVFIHLLSDTYSAEK.Q	22
PLOG-2586	proteomics_log	1314443	1314478	-	6	9	K.VFVQPMKAATRS.-	16
PLOG-2587	proteomics_log	1314443	1314496	-	6	4	K.MLAALKVVFVQPMKAATRS.-	22
PLOG-2588	proteomics_log	1314443	1314529	-	6	11	K.IIEQHINEPEKMLAALKVVFVQPMKAATRS.-	33
PLOG-2589	proteomics_log	1314446	1314478	-	6	2	K.VFVQPMKAATR.S	15
PLOG-2590	proteomics_log	1314458	1314496	-	6	3	K.MLAALKVVFVQPMK.A	17
PLOG-2591	proteomics_log	1314458	1314529	-	6	7	K.IIEQHINEPEKMLAALKVVFVQPMK.A	28
PLOG-2592	proteomics_log	1314479	1314529	-	6	21	K.IIEQHINEPEKMLAALK.V	21
PLOG-2593	proteomics_log	1314479	1314583	-	6	8	K.AAIDAGAAGAISGSAIVKIIIEQHINEPEKMLAALK.V	39
PLOG-2594	proteomics_log	1314497	1314529	-	6	41	K.IIEQHINEPEK.M	15
PLOG-2595	proteomics_log	1314530	1314583	-	6	2	K.AAIDAGAAGAISGSAIVK.I	22
PLOG-2596	proteomics_log	1314584	1314649	-	6	41	K.LKEYNAAPPLQGFGISAPDQVK.A	26
PLOG-2597	proteomics_log	1314584	1314682	-	6	4	R.AALPLNHLVAKLKEYNAAPPLQGFGISAPDQVK.A	37
PLOG-2598	proteomics_log	1314650	1314673	-	6	2	L.PLNHLVAK.L	12
PLOG-2599	proteomics_log	1314650	1314682	-	6	87	R.AALPLNHLVAK.L	15
PLOG-2600	proteomics_log	1314650	1314709	-	6	2	R.AGVTGAENRAALPLNHLVAK.L	24
PLOG-2601	proteomics_log	1314683	1314709	-	6	50	R.AGVTGAENR.A	13
PLOG-2602	proteomics_log	1314710	1314733	-	6	2	R.GYTYLLSR.A	12
PLOG-2603	proteomics_log	1314812	1314886	-	6	4	K.VGVDSVLVADVPEESAPFRQAALR.H	29
PLOG-2604	proteomics_log	1314827	1314886	-	6	68	K.VGVDSVLVADVPEESAPFR.Q	24
PLOG-2605	proteomics_log	1314896	1314919	-	6	3	K.GIDEFYAQ.C	12
PLOG-2606	proteomics_log	1314920	1314979	-	6	2	R.QKHPTIPIGLLM*YANLVFNK.G	25
PLOG-2607	proteomics_log	1314920	1314979	-	6	11	R.QKHPTIPIGLLMYANLVFNK.G	24
PLOG-2608	proteomics_log	1314980	1315036	-	6	4	R.AFAAGVTPAQCFEMLALIR.Q	23
PLOG-2609	proteomics_log	1315037	1315090	-	6	4	I.PFSDPLADGPTIQNATLR.A	22
PLOG-2610	proteomics_log	1315037	1315141	-	6	60	K.IIDTLIEAGADALELGIPFSDPLADGPTIQNATLR.A	39
PLOG-2611	proteomics_log	1315037	1315162	-	6	19	P.GIEQSLKIIDTLIEAGADALELGIPFSDPLADGPTIQNATLR.A	46
PLOG-2612	proteomics_log	1315046	1315141	-	6	2	K.IIDTLIEAGADALELGIPFSDPLADGPTIQNA.T	36
PLOG-2613	proteomics_log	1315142	1315201	-	6	25	K.EGAFVFPVTLGDPGIEQSLK.I	24
PLOG-2614	proteomics_log	1315142	1315204	-	6	59	R.KEGAFVFPVTLGDPGIEQSLK.I	25
PLOG-2615	proteomics_log	1315202	1315246	-	6	4	L.MERYESLFAQLKERK.E	19
PLOG-2616	proteomics_log	1315202	1315246	-	6	4	L.MERYESLFAQLKERK.E	19
PLOG-2617	proteomics_log	1315205	1315237	-	6	18	R.YESLFAQLKERK.K	15

PLOG-2618	proteomics_log	1315205	1315246	-	6	2	L.M*ERYESLFAQLKER.K	19
PLOG-2619	proteomics_log	1315205	1315246	-	6	50	L.MERYESLFAQLKER.K	18
PLOG-2620	proteomics_log	1315205	1315246	-	6	2	L.M*ERYESLFAQLKER.K	19
PLOG-2621	proteomics_log	1315205	1315246	-	6	50	L.MERYESLFAQLKER.K	18
PLOG-2622	proteomics_log	1315211	1315237	-	6	4	R.YESLFAQLK.E	13
PLOG-2623	proteomics_log	1315264	1315302	-	5	8	R.GDKDIFTVHDILK.A	17
PLOG-2624	proteomics_log	1315264	1315359	-	5	4	K.M*M*RENPDKEQLLVNLSGRGDKDIFTVHDILK.A	38
PLOG-2625	proteomics_log	1315429	1315476	-	5	26	R.ADYVSITDDEALEAFK.T	20
PLOG-2626	proteomics_log	1315783	1315821	-	5	60	R.MIGEETKAQILER.E	17
PLOG-2627	proteomics_log	1316017	1316046	-	5	83	R.IYMGAKDVER.Q	14
PLOG-2628	proteomics_log	1316053	1316130	-	5	37	K.TEIIAETGAGQHGVASALASALLGLK.C	30
PLOG-2629	proteomics_log	1316053	1316139	-	5	6	R.M*GKTEIIAETGAGQHGVASALASALLGLK.C	34
PLOG-2630	proteomics_log	1316053	1316139	-	5	149	R.MGKTEIIAETGAGQHGVASALASALLGLK.C	33
PLOG-2631	proteomics_log	1316053	1316142	-	5	19	K.RM*GKTEIIAETGAGQHGVASALASALLGLK.C	35
PLOG-2632	proteomics_log	1316053	1316142	-	5	186	K.RMGKTEIIAETGAGQHGVASALASALLGLK.C	34
PLOG-2633	proteomics_log	1316140	1316208	-	5	4	R.EDLLHGGAHKTNQVLGQALLAKR.M	27
PLOG-2634	proteomics_log	1316143	1316211	-	5	8	K.REDLLHGGAHKTNQVLGQALLAKR.R	27
PLOG-2635	proteomics_log	1316257	1316289	-	5	99	K.NYAGRPTALTK.C	15
PLOG-2636	proteomics_log	1316257	1316361	-	5	4	R.QLEEFVSAQKDFEQAFNDLLKNYAGRPTALTK.C	39
PLOG-2637	proteomics_log	1316290	1316361	-	5	56	R.QLEEFVSAQKDFEQAFNDLLK.N	28
PLOG-2638	proteomics_log	1316362	1316436	-	5	3	M.TTLLNPYFGEFGGM*YVPQILMPALR.Q	30
PLOG-2639	proteomics_log	1316362	1316436	-	5	3	M.TTLLNPYFGEFGGM*YVPQILM*PALR.Q	30
PLOG-2640	proteomics_log	1316362	1316436	-	5	3	M.TTLLNPYFGEFGGM*YVPQILM*PALR.Q	31
PLOG-2641	proteomics_log	1316362	1316436	-	5	247	M.TTLLNPYFGEFGGM*YVPQILMPALR.Q	29
PLOG-2642	proteomics_log	1316362	1316439	-	5	2	T.MTLLNPYFGEFGGM*YVPQILMPALR.Q	30
PLOG-2643	proteomics_log	1316454	1316489	-	4	3	R.LLASVFQTLRAY.-	16
PLOG-2644	proteomics_log	1316460	1316489	-	4	23	R.LLASVFQTLR.A	14
PLOG-2645	proteomics_log	1316772	1316837	-	4	3	K.VLSLAAVQLHGNEEQLYIDTLR.E	26
PLOG-2646	proteomics_log	1316838	1316873	-	4	19	R.NHDIADVVDKAK.V	16
PLOG-2647	proteomics_log	1317060	1317137	-	4	3	R.ELSHFANGFLIGSALMAHDDLHAAVR.R	30
PLOG-2648	proteomics_log	1317294	1317368	-	4	4	R.QLAAVAHSLEMGVLTVEVSNEEEQER.A	29
PLOG-2649	proteomics_log	1317669	1317698	-	4	5	R.HFYDALQGAR.T	14
PLOG-2650	proteomics_log	1317699	1317752	-	4	3	R.KQQQPLASFQNEVQPSTR.H	22
PLOG-2651	proteomics_log	1317816	1317860	-	4	2	R.SGSAYDRVTAALARG.-	19
PLOG-2652	proteomics_log	1317918	1317986	-	4	2	R.LLQKGDAEAHAANAANVAMLMR.L	27
PLOG-2653	proteomics_log	1318191	1318262	-	4	9	P.AHPPLALIGVYSPELVLPJAETLR.V	28
PLOG-2654	proteomics_log	1318191	1318298	-	4	126	R.TLFNVLGPLINPAHPPLALIGVYSPELVLPJAETLR.V	40
PLOG-2655	proteomics_log	1319313	1319342	-	4	5	R.SNGHNVVYIR.N	14
PLOG-2656	proteomics_log	1319343	1319405	-	4	59	M.ADILLLDNIDSFTYNLADQLR.S	25
PLOG-2657	proteomics_log	1319411	1319446	-	6	17	R.AIATAHHAQETF.-	16
PLOG-2658	proteomics_log	1319414	1319446	-	6	3	R.AIATAHHAQETF.F	15
PLOG-2659	proteomics_log	1319639	1319671	-	6	7	R.AMQLIAEAEGR.R	15
PLOG-2660	proteomics_log	1319717	1319764	-	6	7	R.VVGELRHDLDALHAYR.A	20
PLOG-2661	proteomics_log	1319861	1319911	-	6	5	R.TDHKELSEHMLMLDLAR.N	21
PLOG-2662	proteomics_log	1319930	1319968	-	6	2	R.RADGSLDRDLDSR.I	17
PLOG-2663	proteomics_log	1320359	1320406	-	6	5	K.KSTRIQASLFAPNEEE.K	20



PLOG-2664	proteomics_log	1321665	1321706	-	4	2	N.WLCRTQQGNAQNDR.A	18
PLOG-2665	proteomics_log	1337038	1337154	-	5	4	K.LPTPWGDFLMVGFEELATGHDHVALVYGDISGHTPVLAR.V	43
PLOG-2666	proteomics_log	1341681	1341713	-	4	3	R.FNRVITDSKIR.A	15
PLOG-2667	proteomics_log	1341993	1342040	-	4	4	K.NVTIITVSSYIAHLLK.D	20
PLOG-2668	proteomics_log	1342062	1342148	-	4	4	R.ELAEFAASLVQPGETIFIENGSSNALLAR.T	33
PLOG-2669	proteomics_log	1342296	1342358	-	4	4	R.QQTILQMVIDQGQVSVTDLAK.A	25
PLOG-2670	proteomics_log	1342511	1342597	-	6	10	R.IDIVLDILVAGDYHSAIHNLEILKAELLR.Q	33
PLOG-2671	proteomics_log	1342511	1342609	-	6	4	R.VAERIDIVLDILVAGDYHSAIHNLEILKAELLR.Q	37
PLOG-2672	proteomics_log	1345005	1345028	-	4	2	R.SIIARPVA.-	12
PLOG-2673	proteomics_log	1345041	1345085	-	4	12	V.YKVTDVIDVTIAEVR.M	19
PLOG-2674	proteomics_log	1345218	1345247	-	4	7	R.FAAEIVDISR.G	14
PLOG-2675	proteomics_log	1345335	1345400	-	4	4	K.AVIKGETATRQPDEITVQMAER.R	26
PLOG-2676	proteomics_log	1345410	1345433	-	4	4	K.YGDMINHR.L	12
PLOG-2677	proteomics_log	1345410	1345433	-	4	4	K.YGDM*INHR.L	13
PLOG-2678	proteomics_log	1345536	1345574	-	4	39	R.ELDAQPTGFLDSR.I	17
PLOG-2679	proteomics_log	1345641	1345715	-	4	18	K.LGFGIYNVHMGFDPANADALAALLK.T	29
PLOG-2680	proteomics_log	1345641	1345721	-	4	2	R.DKLGFGIYNVHMGFDPANADALAALLK.T	31
PLOG-2681	proteomics_log	1345641	1345730	-	4	15	R.VLRDKLGFYINVHMGFDPANADALAALLK.T	34
PLOG-2682	proteomics_log	1345791	1345823	-	4	6	K.GEVLDIVAEP.R	15
PLOG-2683	proteomics_log	1345791	1345841	-	4	28	R.FILGEKGEVLDIVAEP.R	21
PLOG-2684	proteomics_log	1345923	1346006	-	4	4	K.LVYDQVSDWLENTGDWQPESEIAEQVR.L	32
PLOG-2685	proteomics_log	1346145	1346192	-	4	2	R.AFTNYLPGFNIPM*LPR.E	21
PLOG-2686	proteomics_log	1346145	1346192	-	4	12	R.AFTNYLPGFNIPMLPR.E	20
PLOG-2687	proteomics_log	1346193	1346291	-	4	3	K.ALPDDKLQLIVAIADPTAWIAEGSKLDKAAKIR.A	37
PLOG-2688	proteomics_log	1346199	1346291	-	4	121	K.ALPDDKLQLIVAIADPTAWIAEGSKLDKAAK.I	35
PLOG-2689	proteomics_log	1346208	1346291	-	4	31	K.ALPDDKLQLIVAIADPTAWIAEGSKLDK.A	32
PLOG-2690	proteomics_log	1346217	1346267	-	4	9	Q.LIVAIADPTAWIAEGSK.L	21
PLOG-2691	proteomics_log	1346217	1346291	-	4	23	K.ALPDDKLQLIVAIADPTAWIAEGSK.L	29
PLOG-2692	proteomics_log	1346292	1346369	-	4	9	R.EDLTALDFVTIDSASTEDM*DDALFAK.A	31
PLOG-2693	proteomics_log	1346436	1346513	-	4	25	R.SFYAELTQYITFGDDHFVPPWVTLAR.H	30
PLOG-2694	proteomics_log	1346538	1346588	-	4	2	R.GLNHEFKEGDWAVAEM*R.R	22
PLOG-2695	proteomics_log	1346538	1346588	-	4	70	R.GLNHEFKEGDWAVAEMR.R	21
PLOG-2696	proteomics_log	1346649	1346681	-	4	17	R.FVGKVQKGNDR.L	15
PLOG-2697	proteomics_log	1346682	1346726	-	4	13	R.ESAEPEELVEPFLTR.F	19
PLOG-2698	proteomics_log	1346682	1346759	-	4	70	R.IIAVIHSEKERESAPEELVEPFLTR.F	30
PLOG-2699	proteomics_log	1346727	1346759	-	4	2	R.IIAVIHSEKER.E	15
PLOG-2700	proteomics_log	1346811	1346843	-	4	9	K.GFGFLEVDAQK.S	15
PLOG-2701	proteomics_log	1346874	1346936	-	4	5	I.M*FQDNPLLAQLKQQLHSQTPR.A	26
PLOG-2702	proteomics_log	1346874	1346936	-	4	103	I.MFQDNPLLAQLKQQLHSQTPR.A	25
PLOG-2703	proteomics_log	1346901	1346936	-	4	17	I.MFQDNPLLAQLK.Q	16
PLOG-2704	proteomics_log	1347949	1348029	-	5	12	K.VSDPFLLDVILEKETLAPFLSWLDPAR.V	31
PLOG-2705	proteomics_log	1348410	1348448	-	4	6	K.MLAHCEAVTPIRR.T	17
PLOG-2706	proteomics_log	1348449	1348484	-	4	21	R.TLAASGIKDFRK.M	16
PLOG-2707	proteomics_log	1348452	1348484	-	4	76	R.TLAASGIKDFR.K	15
PLOG-2708	proteomics_log	1348452	1348550	-	4	2	R.YMANAMGPEGVRVNAISAGPIRTLAASGIKDFR.K	37
PLOG-2709	proteomics_log	1348485	1348514	-	4	51	R.VNAISAGPIR.T	14

PLOG-2710	proteomics_log	1348485	1348550	-	4	3	R.YM*ANAMGPEGVRVNAISAGPIR.T	27
PLOG-2711	proteomics_log	1348485	1348550	-	4	4	R.YMANAM*GPEGVRVNAISAGPIR.T	27
PLOG-2712	proteomics_log	1348485	1348550	-	4	3	R.YM*ANAM*GPEGVRVNAISAGPIR.T	28
PLOG-2713	proteomics_log	1348485	1348550	-	4	106	R.YMANAMGPEGVRVNAISAGPIR.T	26
PLOG-2714	proteomics_log	1348515	1348550	-	4	3	R.YMANAM*GPEGVR.V	17
PLOG-2715	proteomics_log	1348515	1348550	-	4	21	R.YMANAMGPEGVR.V	16
PLOG-2716	proteomics_log	1348551	1348574	-	4	16	K.ASLEANVR.Y	12
PLOG-2717	proteomics_log	1348575	1348667	-	4	52	R.SMLNPGSALLTSLYLGAERAI.PNYVMGLAK.A	35
PLOG-2718	proteomics_log	1348605	1348667	-	4	9	R.SMLNPGSALLTSLYLGAERAI.P	25
PLOG-2719	proteomics_log	1348611	1348655	-	4	2	N.PGSALLTSLYLGAER.A	19
PLOG-2720	proteomics_log	1348611	1348667	-	4	88	R.SM*LNPGSALLTSLYLGAER.A	24
PLOG-2721	proteomics_log	1348611	1348667	-	4	510	R.SMLNPGSALLTSLYLGAER.A	23
PLOG-2722	proteomics_log	1348623	1348667	-	4	3	R.SMLNPGSALLTSLYL.G	19
PLOG-2723	proteomics_log	1348623	1348667	-	4	3	R.SM*LNPGSALLTSLYL.G	20
PLOG-2724	proteomics_log	1348632	1348667	-	4	2	R.SM*LNPGSALLTL.S	17
PLOG-2725	proteomics_log	1348638	1348667	-	4	4	R.SM*LNPGSALL.T	15
PLOG-2726	proteomics_log	1348677	1348721	-	4	2	K.IAHDISSYSFVAM*AK.A	20
PLOG-2727	proteomics_log	1348677	1348721	-	4	132	K.IAHDISSYSFVAMAK.A	19
PLOG-2728	proteomics_log	1348677	1348733	-	4	7	R.EGFKIAHDISSYSFVAM*AK.A	24
PLOG-2729	proteomics_log	1348677	1348733	-	4	127	R.EGFKIAHDISSYSFVAMAK.A	23
PLOG-2730	proteomics_log	1348722	1348811	-	4	28	K.FDGFVHSIGFAPGDQLDGDYVNAVTR.EGFK.I	34
PLOG-2731	proteomics_log	1348734	1348811	-	4	152	K.FDGFVHSIGFAPGDQLDGDYVNAVTR.E	30
PLOG-2732	proteomics_log	1348743	1348811	-	4	5	K.FDGFVHSIGFAPGDQLDGDYVNA.V	27
PLOG-2733	proteomics_log	1348923	1348973	-	4	3	R.EGAELAFTYQNDKCLKGR.V	21
PLOG-2734	proteomics_log	1348923	1349012	-	4	3	K.LSIAYGIAQAMHREGAELAFTYQNDKCLKGR.V	34
PLOG-2735	proteomics_log	1348929	1348973	-	4	42	R.EGAELAFTYQNDKCLK.G	19
PLOG-2736	proteomics_log	1348929	1348997	-	4	42	Y.GIAQAMHREGAELAFTYQNDKCLK.G	27
PLOG-2737	proteomics_log	1348974	1349012	-	4	3	K.LSIAYGIAQAM*HR.E	18
PLOG-2738	proteomics_log	1348974	1349012	-	4	134	K.LSIAYGIAQAMHR.E	17
PLOG-2739	proteomics_log	1348974	1349039	-	4	3	R.ILVTVGASKLSIAYGIAQAM*HR.E	27
PLOG-2740	proteomics_log	1348974	1349039	-	4	133	R.ILVTVGASKLSIAYGIAQAMHR.E	26
PLOG-2741	proteomics_log	1348974	1349042	-	4	3	K.RILVTGVASKLSIAYGIAQAMHR.E	27
PLOG-2742	proteomics_log	1348986	1349012	-	4	2	K.LSIAYGIAQ.A	13
PLOG-2743	proteomics_log	1349013	1349039	-	4	164	R.ILVTVGASK.L	13
PLOG-2744	proteomics_log	1349013	1349042	-	4	16	K.RILVTGVASK.L	14
PLOG-2745	proteomics_log	1349013	1349060	-	4	4	M.GFLSGKRILVTGVASK.L	20
PLOG-2746	proteomics_log	1353599	1353673	-	6	3	R.IEAYDEAQSILAQELPILPLASSLR.L	29
PLOG-2747	proteomics_log	1356090	1356197	-	4	2	R.TPALNVIMVGIVALSAFFDLVTATALINFGALVAF.T	40
PLOG-2748	proteomics_log	1362664	1362705	-	5	2	L.FIAVAFVFLFLLFK.C	18
PLOG-2749	proteomics_log	1365823	1365933	-	5	2	M.AEYKDNLLGEANSFLEVLEQVSHLAPLDPVLIIGER.G	41
PLOG-2750	proteomics_log	1378688	1378717	-	6	2	A.GVNGVNARLR.I	14
PLOG-2751	proteomics_log	1386332	1386436	-	6	361	R.AVVVIDENDNVIFSQLVDEITTEPDYEALAVLKA.-	39
PLOG-2752	proteomics_log	1386335	1386436	-	6	15	R.AVVVIDENDNVIFSQLVDEITTEPDYEALAVLKA.A	38
PLOG-2753	proteomics_log	1386437	1386484	-	6	4	A.YGVAIADGPLKGLAAR.A	20
PLOG-2754	proteomics_log	1386437	1386505	-	6	665	R.NAEFLQAYGVAIADGPLKGLAAR.A	27
PLOG-2755	proteomics_log	1386437	1386556	-	6	4	R.FCGAEGLNNVITLSTFRNAEFLQAYGVAIADGPLKGLAAR.A	44

PLOG-2756	proteomics_log	1386452	1386505	-	6	78	R.NAEFLQAYGVAIADGPLK.G	22
PLOG-2757	proteomics_log	1386506	1386550	-	6	3	C.GAEGLNNVITLSTFR.N	19
PLOG-2758	proteomics_log	1386506	1386556	-	6	8	R.FCGAEGLNNVITLSTFR.N	21
PLOG-2759	proteomics_log	1386557	1386637	-	6	5	R.KFNQLATEIDNTVVLCISADLPFAQSR.F	31
PLOG-2760	proteomics_log	1386638	1386691	-	6	18	K.VLNIFPSIDTGVCAASVR.K	22
PLOG-2761	proteomics_log	1386638	1386694	-	6	3	R.KVLNIFPSIDTGVCAASVR.K	23
PLOG-2762	proteomics_log	1386692	1386736	-	6	70	K.DLSDVTLGQFAGKRK.V	19
PLOG-2763	proteomics_log	1386692	1386763	-	6	149	K.AQTFTLVAKDLSDVTLGQFAGKRK.V	28
PLOG-2764	proteomics_log	1386692	1386832	-	6	6	M.SQTVHFQGNPVTVANSIPQAGSKAQTFTLVAKDLSDVTLGQFAGKRK.V	51
PLOG-2765	proteomics_log	1386695	1386736	-	6	90	K.DLSDVTLGQFAGKR.K	18
PLOG-2766	proteomics_log	1386695	1386763	-	6	152	K.AQTFTLVAKDLSDVTLGQFAGKR.K	27
PLOG-2767	proteomics_log	1386695	1386832	-	6	3	M.SQTVHFQGNPVTVANSIPQAGSKAQTFTLVAKDLSDVTLGQFAGKR.K	50
PLOG-2768	proteomics_log	1386698	1386736	-	6	240	K.DLSDVTLGQFAGK.R	17
PLOG-2769	proteomics_log	1386698	1386763	-	6	178	K.AQTFTLVAKDLSDVTLGQFAGK.R	26
PLOG-2770	proteomics_log	1386698	1386799	-	6	47	V.TVANSIPQAGSKAQTFTLVAKDLSDVTLGQFAGK.R	38
PLOG-2771	proteomics_log	1386698	1386832	-	6	6	M.SQTVHFQGNPVTVANSIPQAGSKAQTFTLVAKDLSDVTLGQFAGK.R	49
PLOG-2772	proteomics_log	1386737	1386763	-	6	4	K.AQTFTLVAK.D	13
PLOG-2773	proteomics_log	1386737	1386832	-	6	74	M.SQTVHFQGNPVTVANSIPQAGSKAQTFTLVAK.D	36
PLOG-2774	proteomics_log	1386764	1386832	-	6	329	M.SQTVHFQGNPVTVANSIPQAGSK.A	27
PLOG-2775	proteomics_log	1388506	1388556	-	5	6	R.SLLGAPLIWFPAPAASR.E	21
PLOG-2776	proteomics_log	1389637	1389705	-	5	2	N.WRKRDLSELLMTHLIKVKVAASR.V	27
PLOG-2777	proteomics_log	1395768	1395827	-	4	43	R.TGISAAFLGNTAEQVIDHLR.C	24
PLOG-2778	proteomics_log	1395828	1395905	-	4	22	K.GLPEEVIPDLAEHLQAGIVVLGTVGR.T	30
PLOG-2779	proteomics_log	1396305	1396379	-	4	15	K.VVWHNRPFEAIIQEVISGGHDLVLK.M	29
PLOG-2780	proteomics_log	1396476	1396538	-	4	8	K.AFLPIYDFSYEMTLLSPDER.T	25
PLOG-2781	proteomics_log	1396578	1396643	-	4	3	M.AMYQNMLVVIDPNQDDQPALRR.A	26
PLOG-2782	proteomics_log	1396810	1396863	-	5	3	K.YITIENNDALAQLAGHTR.N	22
PLOG-2783	proteomics_log	1396810	1396869	-	5	10	K.GKYITIENNDALAQLAGHTR.N	24
PLOG-2784	proteomics_log	1396912	1396959	-	5	22	R.GDIGNYLGLTVETISR.L	20
PLOG-2785	proteomics_log	1397014	1397043	-	5	30	R.LAAFIYNLSR.R	14
PLOG-2786	proteomics_log	1397059	1397115	-	5	2	R.LMSGEIKGDQDMILLSSK.N	23
PLOG-2787	proteomics_log	1405682	1405717	-	6	4	K.LLMQDLTFSQLR.T	16
PLOG-2788	proteomics_log	1408077	1408166	-	4	2	A.SVESISIAKGSRCTRPLIAAMASGQVAENR.S	34
PLOG-2789	proteomics_log	1409472	1409519	-	4	5	R.DDILQTLFLNMFYGGK.M	20
PLOG-2790	proteomics_log	1409472	1409540	-	4	10	K.IALGHRRDDILQTLFLNMFYGGK.M	27
PLOG-2791	proteomics_log	1419704	1419724	-	6	4	V.RQSNQR.V	11
PLOG-2792	proteomics_log	1431636	1431677	-	4	2	Y.CRISTLDQTTENQR.R	18
PLOG-2793	proteomics_log	1431636	1431677	-	4	2	Y.CRISTLDQTTENQR.R	18
PLOG-2794	proteomics_log	1431636	1431677	-	4	2	Y.CRISTLDQTTENQR.R	18
PLOG-2795	proteomics_log	1433242	1433331	-	5	6	K.KIPAHM*IIIASHRPDITTYLLGSNAAAVVR.H	35
PLOG-2796	proteomics_log	1433242	1433331	-	5	25	K.KIPAHMIIIASHRPDITTYLLGSNAAAVVR.H	34
PLOG-2797	proteomics_log	1433350	1433388	-	5	6	R.VHVHVEEGSPKDR.I	17
PLOG-2798	proteomics_log	1433356	1433388	-	5	4	R.VHVHVEEGSPK.D	15
PLOG-2799	proteomics_log	1433410	1433436	-	5	20	K.SQLEEIKK.F	13
PLOG-2800	proteomics_log	1433557	1433586	-	5	19	R.VISHVEEEAK.I	14
PLOG-2801	proteomics_log	1433587	1433634	-	5	153	R.TILVPIDISSELTQR.V	20

PLOG-2802	proteomics_log	1433587	1433643	-	5	9	F.MNRITLVPIDISDELSTQR.V	23
PLOG-2803	proteomics_log	1434807	1434854	-	4	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-2804	proteomics_log	1434807	1434854	-	4	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-2805	proteomics_log	1434807	1434854	-	4	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-2806	proteomics_log	1434807	1434854	-	4	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-2807	proteomics_log	1440115	1440165	-	5	25	R.GALIDSQAAIEALKNQK.I	21
PLOG-2808	proteomics_log	1440514	1440579	-	5	11	R.VPAYDPEAVAEHAIGMMMTLNR.R	26
PLOG-2809	proteomics_log	1440514	1440588	-	5	14	K.VVRVPAYDPEAVAEHAIGMMMTLNR.R	29
PLOG-2810	proteomics_log	1471503	1471577	-	4	3	R.NSRYCCFTSVSAVLFVLPNAIERLL.S	29
PLOG-2811	proteomics_log	1477316	1477363	-	6	3	G.HPRHKKQYLASPVHQR.D	20
PLOG-2812	proteomics_log	1480375	1480446	-	5	7	K.DGPTDLVTPYLSTFLGFIGITDVK.F	28
PLOG-2813	proteomics_log	1480375	1480461	-	5	12	R.GGIHKDGPTDLVTPYLSTFLGFIGITDVK.F	33
PLOG-2814	proteomics_log	1480678	1480761	-	5	5	R.DLAANPIPVLGELVGLRPSDAPLTPR.Q	32
PLOG-2815	proteomics_log	1486666	1486707	-	5	2	H.GRM*PVVTPSARLNK.R	19
PLOG-2816	proteomics_log	1492241	1492309	-	6	3	R.HATLVALPVPGHGAGEPIGILTR.V	27
PLOG-2817	proteomics_log	1492928	1492963	-	6	2	K.TLNELEQLTGAR.L	16
PLOG-2818	proteomics_log	1492928	1493005	-	6	6	R.AAETLNLSQPALSKTLNELEQLTGAR.L	30
PLOG-2819	proteomics_log	1499340	1499444	-	4	5	W.KNPLSLPLPRCKPVVASADTPNEKLQNEALNGWER.Y	39
PLOG-2820	proteomics_log	1505264	1505344	-	6	17	R.MRNVALTRIGHAQCPMNKEFNGRVRS.L	31
PLOG-2821	proteomics_log	1510155	1510238	-	4	2	R.AIISLNAAFIALAVRQILLNKNHLPAR.R	32
PLOG-2822	proteomics_log	1511512	1511577	-	5	5	S.AISPSKTFDVPNTPATNGVRGR.I	26
PLOG-2823	proteomics_log	1520922	1521020	-	4	6	A.ADEQTM*IVSAAPQVVSSELDTPAAVSVVDGEEM*R.L	39
PLOG-2824	proteomics_log	1531414	1531491	-	5	3	R.LLPATSAQEEYDTLFGVEVSAADAR.V	30
PLOG-2825	proteomics_log	1533316	1533393	-	5	3	K.VMIPLKPEVIDALSPDLNALTAK.K	30
PLOG-2826	proteomics_log	1533394	1533480	-	5	16	R.AAIIINALHLEDLIPGLPIQVATTGHSK.V	33
PLOG-2827	proteomics_log	1535244	1535270	-	4	4	C.KEDALALIR.R	13
PLOG-2828	proteomics_log	1539054	1539131	-	4	3	K.ITLKSNRTPQPGVSKLPACRASILKP.S	30
PLOG-2829	proteomics_log	1543649	1543702	-	6	3	R.M*KTITLNDNHIAHLNAKN.T	23
PLOG-2830	proteomics_log	1543942	1543989	-	5	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-2831	proteomics_log	1543942	1543989	-	5	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-2832	proteomics_log	1543942	1543989	-	5	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-2833	proteomics_log	1543942	1543989	-	5	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-2834	proteomics_log	1550641	1550718	-	5	3	R.VKTLM*KM*ANHPRPGDIIQESLDELNV.S	32
PLOG-2835	proteomics_log	1550876	1550947	-	6	7	K.VALRPLADINTIFTEMEEGKIRGR.M	28
PLOG-2836	proteomics_log	1550882	1550923	-	6	3	D.INTIFTEMEEGKIR.G	18
PLOG-2837	proteomics_log	1550882	1550947	-	6	23	K.VALRPLADINTIFTEMEEGKIR.G	26
PLOG-2838	proteomics_log	1550888	1550947	-	6	4	K.VALRPLADINTIFTEMEEGK.I	24
PLOG-2839	proteomics_log	1550960	1551049	-	6	6	R.LVLDGIEVVGSLVGRQDLTEAFQFAAEGK.V	34
PLOG-2840	proteomics_log	1551113	1551145	-	6	5	K.AAFNSAVDAVR.A	15
PLOG-2841	proteomics_log	1551146	1551187	-	6	14	K.TGGAHAAVVTAVAK.A	18
PLOG-2842	proteomics_log	1551263	1551298	-	6	2	K.VIAIDVNDEQLK.L	16
PLOG-2843	proteomics_log	1551317	1551388	-	6	3	K.IRPGQWIAIYGLGGLGNLALQYAK.N	28
PLOG-2844	proteomics_log	1552020	1552079	-	4	3	K.TSAEALQQAIDNFWQAEYR.D	24
PLOG-2845	proteomics_log	1552080	1552109	-	4	21	K.MAQQQGVAVK.T	14
PLOG-2846	proteomics_log	1552143	1552250	-	4	3	R.ITDEMLMSASETLAQYSPLVLNNEGGMVLPKDIQK.V	40
PLOG-2847	proteomics_log	1552557	1552616	-	4	13	R.ENLSDWDTSDVLSLLDVVR.N	24

PLOG-2848	proteomics_log	1552632	1552682	-	4	3	R.FGLLTDKMPNLLPFQTK.L	21
PLOG-2849	proteomics_log	1552632	1552700	-	4	2	K.VFMVDRFGLLTDKMPNLLPFQTK.L	27
PLOG-2850	proteomics_log	1552989	1553042	-	4	13	R.ITDDEYEFVDEFIQAVK.Q	22
PLOG-2851	proteomics_log	1553069	1553149	-	6	3	P.VAASARRIPFRWCWMSERTTNSCLTIR.C	31
PLOG-2852	proteomics_log	1553517	1553579	-	4	72	R.NFNLLGLLPEVVETIEEQAER.A	25
PLOG-2853	proteomics_log	1553517	1553582	-	4	40	R.RNFNLLGLLPEVVETIEEQAER.A	26
PLOG-2854	proteomics_log	1553610	1553666	-	4	67	R.SLYIPYAGPVLLFPLLNK.G	23
PLOG-2855	proteomics_log	1558958	1559014	-	6	2	K.GFVFNPMLEQVFNINTMSK.-	23
PLOG-2856	proteomics_log	1568678	1568710	-	6	4	K.LQGIAQQNSFK.H	15
PLOG-2857	proteomics_log	1568678	1568710	-	6	4	K.LQGIAQQNSFK.H	15
PLOG-2858	proteomics_log	1568678	1568731	-	6	4	K.YLSDHPKLQGIAQQNSFK.H	22
PLOG-2859	proteomics_log	1568678	1568731	-	6	4	K.YLSDHPKLQGIAQQNSFK.H	22
PLOG-2860	proteomics_log	1568732	1568788	-	6	13	R.GFEMDFAELLEDYKASLK.Y	23
PLOG-2861	proteomics_log	1568732	1568788	-	6	13	R.GFEMDFAELLEDYKASLK.Y	23
PLOG-2862	proteomics_log	1568732	1568791	-	6	12	R.RGFEMDFAELLEDYKASLK.Y	24
PLOG-2863	proteomics_log	1568732	1568791	-	6	12	R.RGFEMDFAELLEDYKASLK.Y	24
PLOG-2864	proteomics_log	1568744	1568788	-	6	3	R.GFEMDFAELLEDYK.A	19
PLOG-2865	proteomics_log	1568744	1568788	-	6	3	R.GFEMDFAELLEDYK.A	19
PLOG-2866	proteomics_log	1568993	1569046	-	6	8	K.VQNASYQVAAYLADEIAK.L	22
PLOG-2867	proteomics_log	1568993	1569046	-	6	8	K.VQNASYQVAAYLADEIAK.L	22
PLOG-2868	proteomics_log	1569536	1569556	-	6	7	R.YWDVELR.E	11
PLOG-2869	proteomics_log	1569536	1569556	-	6	7	R.YWDVELR.E	11
PLOG-2870	proteomics_log	1569773	1569847	-	6	27	K.LMDLSINKNWIDKEEYPQSAIDL.R.C	29
PLOG-2871	proteomics_log	1569773	1569847	-	6	27	K.LMDLSINKNWIDKEEYPQSAIDL.R.C	29
PLOG-2872	proteomics_log	1569899	1569955	-	6	8	R.DDVAFAQIINDELYLDGNAR.Q	23
PLOG-2873	proteomics_log	1569899	1569955	-	6	8	R.DDVAFAQIINDELYLDGNAR.Q	23
PLOG-2874	proteomics_log	1569899	1569979	-	6	6	K.RFPLHEM*RDDVAFAQIINDELYLDGNAR.Q	32
PLOG-2875	proteomics_log	1569899	1569979	-	6	16	K.RFPLHEMRDDVAFAQIINDELYLDGNAR.Q	31
PLOG-2876	proteomics_log	1569899	1569979	-	6	6	K.RFPLHEM*RDDVAFAQIINDELYLDGNAR.Q	32
PLOG-2877	proteomics_log	1569899	1569979	-	6	16	K.RFPLHEMRDDVAFAQIINDELYLDGNAR.Q	31
PLOG-2878	proteomics_log	1569980	1570006	-	6	2	K.SISTIAESK.R	13
PLOG-2879	proteomics_log	1570007	1570069	-	6	4	K.MDKKQVTDLRSELLDSRFGAK.S	25
PLOG-2880	proteomics_log	1572222	1572266	-	4	2	R.IQSGELKTISGGTAR.S	19
PLOG-2881	proteomics_log	1583782	1583835	-	5	2	R.M*LTSLRALVKRGAKM*IAI.N	24
PLOG-2882	proteomics_log	1608621	1608653	-	4	3	R.IIQFGEGNFLR.A	15
PLOG-2883	proteomics_log	1611753	1611791	-	4	2	R.FDLRDELHHQVEK.T	17
PLOG-2884	proteomics_log	1623725	1623772	-	6	16	K.GYEMSELLSAALLDMR.W	20
PLOG-2885	proteomics_log	1623725	1623793	-	6	3	R.NASLFNKGYEMSELLSAALLDMR.W	27
PLOG-2886	proteomics_log	1623959	1624051	-	6	3	K.PAAGEPALLLWDDVITLHFHEFGHTLHGLFAR.Q	35
PLOG-2887	proteomics_log	1624499	1624528	-	6	3	K.TPEAALNFM.R.E	14
PLOG-2888	proteomics_log	1624550	1624597	-	6	6	R.AQQATLLGFPHYAAWK.I	20
PLOG-2889	proteomics_log	1624703	1624756	-	6	6	K.WLIPLNTTQQPALAEMR.D	22
PLOG-2890	proteomics_log	1624772	1624861	-	6	25	K.SGGLVVNDIAQLAGMSEQEIALAAEAAREK.G	34
PLOG-2891	proteomics_log	1624772	1624879	-	6	2	R.LLAANKSGGLVVNDIAQLAGMSEQEIALAAEAAREK.G	40
PLOG-2892	proteomics_log	1624778	1624831	-	6	4	A.QLAGMSEQEIALAAEAAR.E	22
PLOG-2893	proteomics_log	1624778	1624861	-	6	3	K.SGGLVVNDIAQLAGM*SEQEIALAAEAAR.E	33

PLOG-2894	proteomics_log	1624778	1624861	-	6	43	K.SGGLVVNDIAQLAGMSEQEIALAAEAAR.E	32
PLOG-2895	proteomics_log	1624778	1624879	-	6	9	R.LLAANKSGGLVVNDIAQLAGMSEQEIALAAEAAR.E	38
PLOG-2896	proteomics_log	1624880	1624927	-	6	3	K.VLNTEAATLTSQFNQR.L	20
PLOG-2897	proteomics_log	1625060	1625134	-	6	7	R.LDEQFSAELAEELANDIYLNGLFAR.V	29
PLOG-2898	proteomics_log	1625192	1625287	-	6	2	K.RAEIAIALNPQMPDFNNTILALEQSGELLTR.V	36
PLOG-2899	proteomics_log	1635636	1635677	-	4	27	K.MTGLESYDVKINLI.-	18
PLOG-2900	proteomics_log	1635636	1635683	-	4	5	R.EKMTGLESYDVKINLI.-	20
PLOG-2901	proteomics_log	1635636	1635677	-	4	27	K.MTGLESYDVKINLI.-	18
PLOG-2902	proteomics_log	1635636	1635683	-	4	5	R.EKMTGLESYDVKINLI.-	20
PLOG-2903	proteomics_log	1635648	1635677	-	4	11	K.MTGLESYDVK.I	14
PLOG-2904	proteomics_log	1635648	1635677	-	4	11	K.MTGLESYDVK.I	14
PLOG-2905	proteomics_log	1635648	1635683	-	4	12	R.EKMTGLESYDVK.I	16
PLOG-2906	proteomics_log	1635648	1635683	-	4	12	R.EKMTGLESYDVK.I	16
PLOG-2907	proteomics_log	1635648	1635677	-	4	11	K.MTGLESYDVK.I	14
PLOG-2908	proteomics_log	1635648	1635683	-	4	12	R.EKMTGLESYDVK.I	16
PLOG-2909	proteomics_log	1635684	1635722	-	4	10	K.TGKEVTSIQFTAR.E	17
PLOG-2910	proteomics_log	1635684	1635725	-	4	5	K.KTGKEVTSIQFTAR.E	18
PLOG-2911	proteomics_log	1635684	1635728	-	4	5	K.KKTGKEVTSIQFTAR.E	19
PLOG-2912	proteomics_log	1635684	1635743	-	4	7	K.IIELKKTGKEVTSIQFTAR.E	24
PLOG-2913	proteomics_log	1635684	1635722	-	4	10	K.TGKEVTSIQFTAR.E	17
PLOG-2914	proteomics_log	1635684	1635725	-	4	5	K.KTGKEVTSIQFTAR.E	18
PLOG-2915	proteomics_log	1635684	1635728	-	4	5	K.KKTGKEVTSIQFTAR.E	19
PLOG-2916	proteomics_log	1635684	1635743	-	4	7	K.IIELKKTGKEVTSIQFTAR.E	24
PLOG-2917	proteomics_log	1635735	1635815	-	4	3	K.EEMMNLENLTKAEADISEYITKKIIE.L	31
PLOG-2918	proteomics_log	1635735	1635815	-	4	3	K.EEMMNLENLTKAEADISEYITKKIIE.L	31
PLOG-2919	proteomics_log	1635744	1635779	-	4	3	K.AEADISEYITKK.I	16
PLOG-2920	proteomics_log	1635744	1635785	-	4	39	K.TKAEADISEYITKK.I	18
PLOG-2921	proteomics_log	1635744	1635806	-	4	55	M.MNIENLTKAEADISEYITKK.I	25
PLOG-2922	proteomics_log	1635744	1635779	-	4	3	K.AEADISEYITKK.I	16
PLOG-2923	proteomics_log	1635744	1635785	-	4	39	K.TKAEADISEYITKK.I	18
PLOG-2924	proteomics_log	1635744	1635806	-	4	55	M.MNIENLTKAEADISEYITKK.I	25
PLOG-2925	proteomics_log	1635747	1635779	-	4	3	K.AEADISEYITK.K	15
PLOG-2926	proteomics_log	1635747	1635785	-	4	25	K.TKAEADISEYITK.K	17
PLOG-2927	proteomics_log	1635747	1635806	-	4	63	M.MNIENLTKAEADISEYITK.K	24
PLOG-2928	proteomics_log	1635747	1635779	-	4	3	K.AEADISEYITK.K	15
PLOG-2929	proteomics_log	1635747	1635785	-	4	25	K.TKAEADISEYITK.K	17
PLOG-2930	proteomics_log	1635747	1635806	-	4	63	M.MNIENLTKAEADISEYITK.K	24
PLOG-2931	proteomics_log	1635780	1635806	-	4	12	M.MNIENLTKK.A	13
PLOG-2932	proteomics_log	1635780	1635806	-	4	12	M.MNIENLTKK.A	13
PLOG-2933	proteomics_log	1635786	1635806	-	4	8	M.MNIENLK.T	11
PLOG-2934	proteomics_log	1635786	1635806	-	4	8	M.MNIENLK.T	11
PLOG-2935	proteomics_log	1639453	1639494	-	5	2	K.DVFBVHFSAIQNDNY.R	18
PLOG-2936	proteomics_log	1639453	1639494	-	5	2	K.DVFBVHFSAIQNDNY.R	18
PLOG-2937	proteomics_log	1639495	1639548	-	5	2	K.WFNADKGFISPDGSK.D	22
PLOG-2938	proteomics_log	1639495	1639548	-	5	2	K.WFNADKGFISPDGSK.D	22
PLOG-2939	proteomics_log	1643702	1643800	-	6	7	R.LMLEYIADNERLPFKQTLLSDEDAELVEIVKER.L	37

PLOG-2940	proteomics_log	1643702	1643800	-	6	7	R.LMLEYIADNERLPFKQTLLSDEDAELVEIVKER.L	37
PLOG-2941	proteomics_log	1665181	1665231	-	5	2	R.FFITGTDTSVVGKTVVSR.A	21
PLOG-2942	proteomics_log	1669514	1669597	-	6	5	R.IFMMLFSRLRFLGRCCFMLFFMMCSFRR.R	32
PLOG-2943	proteomics_log	1672999	1673028	-	5	21	K.ASVDAILKAL.-	14
PLOG-2944	proteomics_log	1672999	1673109	-	5	10	R.SM*NTGYAGVQNPLFFKENTHM*LFGDAKASVDAILKAL.-	43
PLOG-2945	proteomics_log	1672999	1673109	-	5	153	R.SMNTGYAGVQNPLFFKENTHMLFGDAKASVDAILKAL.-	41
PLOG-2946	proteomics_log	1672999	1673112	-	5	2	K.RSMNTGYAGVQNPLFFKENTHMLFGDAKASVDAILKAL.-	42
PLOG-2947	proteomics_log	1673005	1673109	-	5	3	R.SM*NTGYAGVQNPLFFKENTHMLFGDAKASVDAILK.A	40
PLOG-2948	proteomics_log	1673005	1673109	-	5	27	R.SMNTGYAGVQNPLFFKENTHMLFGDAKASVDAILK.A	39
PLOG-2949	proteomics_log	1673029	1673109	-	5	4	R.SM*NTGYAGVQNPLFFKENTHMLFGDAK.A	32
PLOG-2950	proteomics_log	1673029	1673109	-	5	4	R.SM*NTGYAGVQNPLFFKENTHM*LFGDAK.A	33
PLOG-2951	proteomics_log	1673029	1673109	-	5	5	R.SMNTGYAGVQNPLFFKENTHM*LFGDAK.A	32
PLOG-2952	proteomics_log	1673029	1673109	-	5	128	R.SMNTGYAGVQNPLFFKENTHMLFGDAK.A	31
PLOG-2953	proteomics_log	1673110	1673136	-	5	29	K.AQNVIVFKR.S	13
PLOG-2954	proteomics_log	1673137	1673175	-	5	2	K.SPIAGMPVLEVWK.A	17
PLOG-2955	proteomics_log	1673296	1673334	-	5	13	R.LPGHMNVLLAEAK.V	17
PLOG-2956	proteomics_log	1673296	1673361	-	5	4	R.FGIHPVAGRLPGHM*NVLLAEAK.V	27
PLOG-2957	proteomics_log	1673296	1673361	-	5	5	R.FGIHPVAGRLPGHMNVLLAEAK.V	26
PLOG-2958	proteomics_log	1673335	1673361	-	5	4	R.FGIHPVAGR.L	13
PLOG-2959	proteomics_log	1673383	1673472	-	5	2	K.NSHSVIITPGYGMVAQAQYPVAEITEKLR.A	34
PLOG-2960	proteomics_log	1674920	1675003	-	6	27	K.VIGYTDLPGRPTQSSQLYGTNLVNLK.L	32
PLOG-2961	proteomics_log	1675133	1675186	-	6	21	K.EVDIIVTTALIPGKPAPK.L	22
PLOG-2962	proteomics_log	1675133	1675243	-	6	6	K.VM*SDAFIKAEM*ELFAAQAKEVDIIVTTALIPGKPAPK.L	43
PLOG-2963	proteomics_log	1675133	1675243	-	6	68	K.VMSDAFIKAEMELFAAQAKEVDIIVTTALIPGKPAPK.L	41
PLOG-2964	proteomics_log	1675187	1675219	-	6	7	K.AEMELFAAQAK.E	15
PLOG-2965	proteomics_log	1675187	1675243	-	6	2	K.VM*SDAFIKAEM*ELFAAQAK.E	25
PLOG-2966	proteomics_log	1675187	1675243	-	6	35	K.VMSDAFIKAEMELFAAQAK.E	23
PLOG-2967	proteomics_log	1675352	1675426	-	6	6	K.VM*VIGAGVAGLAAIGAANSLGAIVR.A	30
PLOG-2968	proteomics_log	1675352	1675426	-	6	56	K.VMVIGAGVAGLAAIGAANSLGAIVR.A	29
PLOG-2969	proteomics_log	1675352	1675441	-	6	5	K.VPPAKVMVIGAGVAGLAAIGAANSLGAIVR.A	34
PLOG-2970	proteomics_log	1675352	1675474	-	6	8	R.FFTGQITAAGKVPPAKVMVIGAGVAGLAAIGAANSLGAIVR.A	45
PLOG-2971	proteomics_log	1675442	1675474	-	6	15	R.FFTGQITAAGK.V	15
PLOG-2972	proteomics_log	1675475	1675507	-	6	58	R.AIVEAAHEFGR.F	15
PLOG-2973	proteomics_log	1675475	1675558	-	6	57	R.AQSLDALSSMANIAGYRAIVEAAHEFGR.F	32
PLOG-2974	proteomics_log	1675508	1675558	-	6	2	R.AQSLDALSSM*ANIAGYR.A	22
PLOG-2975	proteomics_log	1675508	1675558	-	6	127	R.AQSLDALSSMANIAGYR.A	21
PLOG-2976	proteomics_log	1675508	1675567	-	6	2	R.ISRAQSLDALSSM*ANIAGYR.A	25
PLOG-2977	proteomics_log	1675568	1675603	-	6	2	R.NVTVM*AMDSVPR.I	17
PLOG-2978	proteomics_log	1675568	1675603	-	6	86	R.NVTVMAMDSVPR.I	16
PLOG-2979	proteomics_log	1675616	1675714	-	6	20	K.VNAPLDDEIALLNPGTTLVSFIWPAQNPELMQK.L	37
PLOG-2980	proteomics_log	1675784	1675882	-	6	5	R.VAATPKTVEQLLKLGFVAVESGAGQLASFDDK.A	37
PLOG-2981	proteomics_log	1675844	1675864	-	6	2	K.TVEQLLK.L	11
PLOG-2982	proteomics_log	1675844	1675882	-	6	27	R.VAATPKTVEQLLK.L	17
PLOG-2983	proteomics_log	1675865	1675900	-	6	2	R.LTNETRVAATPK.T	16
PLOG-2984	proteomics_log	1675883	1675906	-	6	13	R.ERLTNETR.V	12
PLOG-2985	proteomics_log	1676468	1676542	-	6	2	A.ACSGVSSVAALTENAIAESSADARR.V	29

PLOG-2986	proteomics_log	1683881	1683973	-	6	2	K.HIEYSLPHVAELALGGTAVGTGLNTHPEYAR.R	35
PLOG-2987	proteomics_log	1683974	1684054	-	6	91	R.THLQDATPLTLGQEISGWVAMLEHNLK.H	31
PLOG-2988	proteomics_log	1683974	1684063	-	6	2	K.IGRTHLQDATPLTLGQEISGWVAMLEHNLK.H	34
PLOG-2989	proteomics_log	1684085	1684117	-	6	6	K.TLTQTLNEKSR.A	15
PLOG-2990	proteomics_log	1684091	1684117	-	6	4	K.TLTQTLNEK.S	13
PLOG-2991	proteomics_log	1684205	1684234	-	6	15	R.KVHPNDDVVK.S	14
PLOG-2992	proteomics_log	1684247	1684273	-	6	6	R.ASELLGGVR.G	13
PLOG-2993	proteomics_log	1684406	1684441	-	6	6	K.VNEDLGLLSEEK.A	16
PLOG-2994	proteomics_log	1684454	1684510	-	6	3	R.ISTEKM*PTSLIHALALTKR.A	24
PLOG-2995	proteomics_log	1684454	1684510	-	6	8	R.ISTEKMPTSLIHALALTKR.A	23
PLOG-2996	proteomics_log	1684457	1684495	-	6	3	K.MPTSLIHALALTK.R	17
PLOG-2997	proteomics_log	1684457	1684510	-	6	7	R.ISTEKMPTSLIHALALTK.R	22
PLOG-2998	proteomics_log	1684529	1684597	-	6	20	R.SEKDSMGVIDVPADKLVGAQTQR.S	27
PLOG-2999	proteomics_log	1684529	1684612	-	6	2	V.MNTVRSEKDSMGVIDVPADKLVGAQTQR.S	32
PLOG-3000	proteomics_log	1684908	1684973	-	4	70	K.HGGFYLGSIGGPAAVLAQGSIK.S	26
PLOG-3001	proteomics_log	1684908	1684976	-	4	7	K.KHGGFYLGSIGGPAAVLAQGSIK.S	27
PLOG-3002	proteomics_log	1685013	1685072	-	4	3	R.M*DSYVDQLQAQGGSM*IM*LAK.G	27
PLOG-3003	proteomics_log	1685013	1685072	-	4	20	R.MDSYVDQLQAQGGSMIMLAK.G	24
PLOG-3004	proteomics_log	1685073	1685123	-	4	3	K.TPEGYASGSLGPTTAGR.M	21
PLOG-3005	proteomics_log	1685193	1685222	-	4	7	R.DIAHAKLKER.M	14
PLOG-3006	proteomics_log	1685193	1685255	-	4	6	R.LSLNGTIIVGRDIAHAKLKER.M	25
PLOG-3007	proteomics_log	1685205	1685255	-	4	10	R.LSLNGTIIVGRDIAHAK.L	21
PLOG-3008	proteomics_log	1685223	1685255	-	4	10	R.LSLNGTIIVGR.D	15
PLOG-3009	proteomics_log	1685256	1685321	-	4	26	R.VDLNRPKEILAQLSQYPVSTR.L	26
PLOG-3010	proteomics_log	1685256	1685321	-	4	26	R.VDLNRPKEILAQLSQYPVSTR.L	26
PLOG-3011	proteomics_log	1685256	1685345	-	4	54	K.AGEGEAVRVDLNRPMKEILAQLSQYPVSTR.L	34
PLOG-3012	proteomics_log	1685526	1685597	-	4	8	R.DVELEKELLIEAQNGLGAQFGGK.Y	28
PLOG-3013	proteomics_log	1685757	1685801	-	4	33	K.ALLTPGKLNLYVEK.M	19
PLOG-3014	proteomics_log	1685802	1685846	-	4	102	K.GGGSANKTYLYQETK.A	19
PLOG-3015	proteomics_log	1685802	1685846	-	4	102	K.GGGSANKTYLYQETK.A	19
PLOG-3016	proteomics_log	1685967	1686002	-	4	45	R.GVYNTYIEDNLR.Y	16
PLOG-3017	proteomics_log	1685967	1686002	-	4	45	R.GVYNTYIEDNLR.Y	16
PLOG-3018	proteomics_log	1686003	1686041	-	4	108	R.VWTGGGDEAALAR.G	17
PLOG-3019	proteomics_log	1686246	1686272	-	4	2	A.PEALTLLAR.Q	13
PLOG-3020	proteomics_log	1686246	1686278	-	4	170	K.VAPEALTLLAR.Q	15
PLOG-3021	proteomics_log	1687993	1688049	-	5	2	V.LITHFQVGFRCQFELRVR.L	23
PLOG-3022	proteomics_log	1694771	1694857	-	6	44	R.FREPIEGIHFDYDMVESIVSLTHEAFGQR.A	33
PLOG-3023	proteomics_log	1695038	1695073	-	6	3	M.M*DNM*QTEAQPTR.T	18
PLOG-3024	proteomics_log	1695471	1695515	-	4	8	R.VNGIAPGAILTDALK.S	19
PLOG-3025	proteomics_log	1695471	1695551	-	4	2	R.NMAFDLGEKNIRVNGIAPGAILTDALK.S	31
PLOG-3026	proteomics_log	1695516	1695551	-	4	2	R.NMAFDLGEKNIR.V	16
PLOG-3027	proteomics_log	1695552	1695575	-	4	16	K.AAASHLVR.N	12
PLOG-3028	proteomics_log	1695609	1695659	-	4	2	K.NGGGVILTITSM*AAENK.N	22
PLOG-3029	proteomics_log	1695660	1695725	-	4	10	R.AYELNVFSFFHLSQLVAPEMEK.N	26
PLOG-3030	proteomics_log	1697570	1697602	-	6	8	K.LKANEPILLIQ.V	15
PLOG-3031	proteomics_log	1701871	1701930	-	5	3	K.GLLAEGVLGEVAYFESHFDR.F	24



PLOG-3032	proteomics_log	1704390	1704458	-	4	10	R.KTAGGITQNGAKRQAQQAHHGGNG.N	27
PLOG-3033	proteomics_log	1706419	1706496	-	5	3	R.AFARFNHNRLCSLGLFLFHPRQSGSN.R	30
PLOG-3034	proteomics_log	1713137	1713214	-	6	40	K.LLQGATLQEALEHVTAAYEIMVTTK.A	30
PLOG-3035	proteomics_log	1714026	1714118	-	4	6	R.KTIASNAITINGEKQSDPEYFFKEEDRLFGR.F	35
PLOG-3036	proteomics_log	1714077	1714118	-	4	9	R.KTIASNAITINGEK.Q	18
PLOG-3037	proteomics_log	1714119	1714181	-	4	9	K.GADLMQALVDSELQPSRGQAR.K	25
PLOG-3038	proteomics_log	1714131	1714181	-	4	24	K.GADLMQALVDSELQPSR.G	21
PLOG-3039	proteomics_log	1714281	1714319	-	4	77	R.LVHGEEGLQAAGR.I	17
PLOG-3040	proteomics_log	1714284	1714319	-	4	5	R.LVHGEEGLQAAK.R	16
PLOG-3041	proteomics_log	1714320	1714352	-	4	52	R.AQYVLAEQVTR.L	15
PLOG-3042	proteomics_log	1714542	1714607	-	4	3	R.RLHQNQVFGLTVPLITKADGTK.F	26
PLOG-3043	proteomics_log	1714557	1714604	-	4	4	R.LHQNQVFGLTVPLITK.A	20
PLOG-3044	proteomics_log	1714557	1714607	-	4	33	R.RLHQNQVFGLTVPLITK.A	21
PLOG-3045	proteomics_log	1714932	1714979	-	4	26	R.KLNTEETVQEWVDKIR.K	20
PLOG-3046	proteomics_log	1714980	1715066	-	4	88	R.FQQAGHKPVALVGGATGLIGDPSFKAER.K	33
PLOG-3047	proteomics_log	1714992	1715066	-	4	25	R.FQQAGHKPVALVGGATGLIGDPSFK.A	29
PLOG-3048	proteomics_log	1714992	1715069	-	4	2	K.RFQQAGHKPVALVGGATGLIGDPSFK.A	30
PLOG-3049	proteomics_log	1715163	1715207	-	4	73	R.GLVAQVTDEEALAER.L	19
PLOG-3050	proteomics_log	1715208	1715243	-	4	28	M.ASSNLIKQLQER.G	16
PLOG-3051	proteomics_log	1715441	1715485	-	6	2	R.VSLEQIEFWQGGEHR.L	19
PLOG-3052	proteomics_log	1715486	1715533	-	6	4	K.FQQGEVPLPSFWGGFR.V	20
PLOG-3053	proteomics_log	1715486	1715554	-	6	2	K.FLELKQKQQGEVPLPSFWGGFR.V	27
PLOG-3054	proteomics_log	1715702	1715737	-	6	5	R.VSLLFPWHTLER.Q	16
PLOG-3055	proteomics_log	1715738	1715767	-	6	38	R.KAHQIENNPR.V	14
PLOG-3056	proteomics_log	1715831	1715893	-	6	3	K.LADPTAMVVATVDEHGQPYQR.I	25
PLOG-3057	proteomics_log	1715921	1715956	-	6	10	R.DLPADPLTLFER.W	16
PLOG-3058	proteomics_log	1717540	1717605	-	5	3	I.GVMSGTSLDGDVVLATIDEHR.V	26
PLOG-3059	proteomics_log	1718417	1718452	-	6	4	K.LEHNIIELQAKG.-	16
PLOG-3060	proteomics_log	1718417	1718515	-	6	110	R.AEILHGISAELEQLITLIAKLEHNIIELQAKG.-	37
PLOG-3061	proteomics_log	1718420	1718452	-	6	2	K.LEHNIIELQAK.G	15
PLOG-3062	proteomics_log	1718420	1718515	-	6	7	R.AEILHGISAELEQLITLIAKLEHNIIELQAK.G	36
PLOG-3063	proteomics_log	1718453	1718515	-	6	89	R.AEILHGISAELEQLITLIAK.L	25
PLOG-3064	proteomics_log	1718453	1718521	-	6	9	K.TRAEILHGISAELEQLITLIAK.L	27
PLOG-3065	proteomics_log	1718516	1718563	-	6	2	K.AEPLISEMEAVINKTR.A	20
PLOG-3066	proteomics_log	1718516	1718581	-	6	2	R.IKLTEKAEPLISEMEAVINKTR.A	26
PLOG-3067	proteomics_log	1718615	1718653	-	6	11	R.TLDQLEEKGLISR.Q	17
PLOG-3068	proteomics_log	1718654	1718686	-	6	54	K.AIGIEQPSLVR.T	15
PLOG-3069	proteomics_log	1718687	1718779	-	6	3	R.LKPLELTQTHWVTLHNIHQLPDQSQIQLAK.A	35
PLOG-3070	proteomics_log	1722254	1722277	-	6	2	K.SLDEIKDK.A	12
PLOG-3071	proteomics_log	1722254	1722283	-	6	6	R.LKSLDEIKDK.A	14
PLOG-3072	proteomics_log	1722901	1723008	-	5	15	R.LFNDDYFQPLRDELAVVAEELNAGSIEQVYAVVLR.L	40
PLOG-3073	proteomics_log	1723048	1723143	-	5	19	R.LPFTLATNQVEISPVHQPLLLDGTLDQLQQLR.V	36
PLOG-3074	proteomics_log	1723144	1723197	-	5	2	R.HFGVSNFTPAQFALLQSR.L	22
PLOG-3075	proteomics_log	1731781	1731807	-	5	7	K.YKSEEPDAE.-	13
PLOG-3076	proteomics_log	1731781	1731846	-	5	5	R.GELQQLIKETAACYKSEEPDAE.-	26
PLOG-3077	proteomics_log	1731808	1731846	-	5	61	R.GELQQLIKETAACY.Y	17

PLOG-3078	proteomics_log	1731949	1731987	-	5	199	R.FAYVDILQNPDIR.A	17
PLOG-3079	proteomics_log	1732060	1732095	-	5	103	R.QIAENPILLYMK.G	16
PLOG-3080	proteomics_log	1732060	1732122	-	5	10	M.STTIEKIQRQIAENPILLYMK.G	25
PLOG-3081	proteomics_log	1732096	1732122	-	5	31	M.STTIEKIQR.Q	13
PLOG-3082	proteomics_log	1734451	1734477	-	5	2	I.MLAIPFLAR.N	13
PLOG-3083	proteomics_log	1735469	1735507	-	6	2	S.RGFDCRAALISSR.G	17
PLOG-3084	proteomics_log	1740628	1740660	-	5	6	R.ENAMNQPGEA.-	15
PLOG-3085	proteomics_log	1740628	1740675	-	5	16	R.VLAARENAMNQPGEA.-	20
PLOG-3086	proteomics_log	1740676	1740711	-	5	2	D.PQTQAVVDTVER.V	16
PLOG-3087	proteomics_log	1740676	1740729	-	5	101	R.VNIEIDPQTQAVVDTVER.V	22
PLOG-3088	proteomics_log	1740730	1740762	-	5	5	R.TTLGKKKLGAR.V	15
PLOG-3089	proteomics_log	1741009	1741059	-	5	16	R.ITNLGDLKVGDWVNER.A	21
PLOG-3090	proteomics_log	1741201	1741233	-	5	11	K.LVSIDEKPNFR.T	15
PLOG-3091	proteomics_log	1741234	1741266	-	5	2	S.M*FTGIVQGTAK.L	16
PLOG-3092	proteomics_log	1741234	1741266	-	5	44	S.MFTGIVQGTAK.L	15
PLOG-3093	proteomics_log	1742898	1742942	-	4	3	K.LQPDEDGIGATLQPA.-	19
PLOG-3094	proteomics_log	1752959	1753009	-	6	16	R.SELEKQAMETVINALVK.-	21
PLOG-3095	proteomics_log	1752959	1753018	-	6	13	R.IQRSELEKQAMETVINALVK.-	24
PLOG-3096	proteomics_log	1753040	1753066	-	6	2	K.HIVIAGVLR.T	13
PLOG-3097	proteomics_log	1755757	1755798	-	5	2	E.SAQNGEPEQGNMLR.V	18
PLOG-3098	proteomics_log	1755757	1755864	-	5	3	R.AGYPVSVSSGATPAASNAPSVEAQAQNGEPEQGNMLR.V	40
PLOG-3099	proteomics_log	1756009	1756074	-	5	2	R.TGTPVKVINEPVKYSVEPNMGR.Y	26
PLOG-3100	proteomics_log	1756216	1756269	-	5	3	R.GIKLPPVVPAGPNNPLGR.Y	22
PLOG-3101	proteomics_log	1756288	1756338	-	5	3	R.VGQKIPNPTWTPTAGIR.Q	21
PLOG-3102	proteomics_log	1756339	1756431	-	5	11	R.LYYYPPGENIVQVYPIGIGLQGLETPVMETR.V	35
PLOG-3103	proteomics_log	1756432	1756464	-	5	12	R.QGIIVNLAELR.L	15
PLOG-3104	proteomics_log	1756582	1756647	-	5	26	R.LVGQNQTYTVQEGDKNLQAIAR.R	26
PLOG-3105	proteomics_log	1757078	1757104	-	6	2	Q.GSDAAIVK.G	13
PLOG-3106	proteomics_log	1758577	1758681	-	5	4	R.GINQQDAQQMIIYAFAAELTEALRDEGLKQQVLAR.I	39
PLOG-3107	proteomics_log	1758577	1758681	-	5	4	R.GINQQDAQQM*IIYAFAAELTEALRDEGLKQQVLAR.I	40
PLOG-3108	proteomics_log	1758595	1758681	-	5	2	R.GINQQDAQQM*IIYAFAAELTEALRDEGLK.Q	34
PLOG-3109	proteomics_log	1758688	1758717	-	5	2	R.IDDEQIFYL.R.S	14
PLOG-3110	proteomics_log	1758799	1758885	-	5	4	R.AVFNGLINVAQHAIKTDGQMTNLLMGK.L	33
PLOG-3111	proteomics_log	1759702	1759743	-	5	2	K.RSPQAQQHLQQLLR.T	18
PLOG-3112	proteomics_log	1759793	1759867	-	6	2	R.IVKSGDFTLVKQLEEQQYGWLTEQQ.-	29
PLOG-3113	proteomics_log	1759793	1759867	-	6	2	R.IVKSGDFTLVKQLEEQQYGWLTEQQ.-	29
PLOG-3114	proteomics_log	1759868	1759918	-	6	32	R.ILDYIKPDYVHVLYQGR.I	21
PLOG-3115	proteomics_log	1759919	1759948	-	6	5	R.SFIIVTHYQR.I	14
PLOG-3116	proteomics_log	1760117	1760155	-	6	18	K.IALLKMPEDLLTR.S	17
PLOG-3117	proteomics_log	1760216	1760311	-	6	11	R.AGEGIFMAFQYPVEIPGVSQFFLQTALNAVR.S	36
PLOG-3118	proteomics_log	1760312	1760341	-	6	2	K.DLLALSPEDR.A	14
PLOG-3119	proteomics_log	1760483	1760536	-	6	10	N.MLSIKDLHVSVEDKAILR.G	22
PLOG-3120	proteomics_log	1760495	1760536	-	6	2	N.MLSIKDLHVSVEDK.A	18
PLOG-3121	proteomics_log	1760582	1760629	-	6	3	K.DVFSLEPLFAVEAQK.L	20
PLOG-3122	proteomics_log	1760873	1760908	-	6	2	K.GISAGHSQNSYR.G	16
PLOG-3123	proteomics_log	1762123	1762182	-	5	16	K.LFVPLQAMPFDGTEVDFVR.E	24

PLOG-3124	proteomics_log	1762324	1762410	-	5	11	S.MDMHSGTFNPQDFAWQGLTLTPAAAIHIR.E	33
PLOG-3125	proteomics_log	1762973	1763056	-	6	19	R.LKQLELEFADLLTLSSAELKEEYFAWR.L	32
PLOG-3126	proteomics_log	1763099	1763143	-	6	69	M.STQLDPTQLAIEFLR.R	19
PLOG-3127	proteomics_log	1763285	1763326	-	6	13	R.HQVWQIEIFDEKGR.L	18
PLOG-3128	proteomics_log	1763522	1763575	-	6	7	R.FEHIGDDTLEATMPVDSR.T	22
PLOG-3129	proteomics_log	1764406	1764474	-	5	2	K.HIGMVDLPLLSVPSLQQQMVGHR.S	27
PLOG-3130	proteomics_log	1764490	1764525	-	5	3	K.TFNFFINQPLVR.K	16
PLOG-3131	proteomics_log	1764781	1764852	-	5	3	R.LLADRGVDPLKLEQELPESGVSLR.T	28
PLOG-3132	proteomics_log	1765144	1765194	-	5	3	R.AEYSPAFFGEELFAELR.K	21
PLOG-3133	proteomics_log	1765933	1765974	-	5	2	R.HVFNDEMTEFDLTR.I	18
PLOG-3134	proteomics_log	1766074	1766166	-	5	10	R.AVLLGGDILDTPQLPVELAETLGKSNTTIGR.I	35
PLOG-3135	proteomics_log	1766095	1766166	-	5	14	R.AVLLGGDILDTPQLPVELAETLGK.S	28
PLOG-3136	proteomics_log	1766167	1766193	-	5	3	K.TSDHVLGVR.A	13
PLOG-3137	proteomics_log	1766257	1766346	-	5	9	R.VEAGVIKDQLNQYLKPFYFFAPELSTSNR.A	34
PLOG-3138	proteomics_log	1766596	1766709	-	5	7	I.MIPQISQAPGVVQLVNLFLQELEQQGFTGDTATSYADR.L	42
PLOG-3139	proteomics_log	1772304	1772360	-	4	8	R.SVTVTTQSVFSLTRCAKAR.A	23
PLOG-3140	proteomics_log	1774030	1774092	-	5	2	R.SSLVTSFSLPPCWGSTNVPM*.P	26
PLOG-3141	proteomics_log	1778842	1778910	-	5	3	R.ALMRGITGARFLNTGCKGNDRQR.A	27
PLOG-3142	proteomics_log	1782920	1782943	-	6	13	K.ALLSMAIR.A	12
PLOG-3143	proteomics_log	1782920	1782994	-	6	12	R.DSGVSELFDERNDVAVKALLSMAIR.A	29
PLOG-3144	proteomics_log	1783136	1783189	-	6	5	R.TVDQAKAVVEELARQLK.R	22
PLOG-3145	proteomics_log	1783148	1783171	-	6	7	K.AVVEELAR.Q	12
PLOG-3146	proteomics_log	1783148	1783189	-	6	139	R.TVDQAKAVVEELAR.Q	18
PLOG-3147	proteomics_log	1783148	1783237	-	6	3	R.NDMGLTNVEIMIPFVRTVDQAKAVVEELAR.Q	34
PLOG-3148	proteomics_log	1783148	1783243	-	6	3	R.VRNDMGLTNVEIMIPFVRTVDQAKAVVEELAR.Q	36
PLOG-3149	proteomics_log	1783169	1783237	-	6	60	R.NDMGLTNVEIMIPFVRTVDQAKA.V	27
PLOG-3150	proteomics_log	1783190	1783237	-	6	2	R.NDM*GLTNVEIMIPFVR.T	21
PLOG-3151	proteomics_log	1783190	1783237	-	6	3	R.NDMGLTNVEIM*IPFVR.T	21
PLOG-3152	proteomics_log	1783190	1783237	-	6	125	R.NDMGLTNVEIMIPFVR.T	20
PLOG-3153	proteomics_log	1783190	1783243	-	6	191	R.VRNDMGLTNVEIMIPFVR.T	22
PLOG-3154	proteomics_log	1783313	1783351	-	6	2	R.YEPDEENPMLGFR.G	17
PLOG-3155	proteomics_log	1783313	1783387	-	6	3	K.SNEYANLVGGERYEPDEENPMLGFR.G	29
PLOG-3156	proteomics_log	1783313	1783402	-	6	5	R.LSDFKSNEYANLVGGERYEPDEENPMLGFR.G	34
PLOG-3157	proteomics_log	1783352	1783402	-	6	3	R.LSDFKSNEYANLVGGER.Y	21
PLOG-3158	proteomics_log	1783418	1783462	-	6	22	R.LTEGIATLGAIFYPK.R	19
PLOG-3159	proteomics_log	1783463	1783498	-	6	6	K.GFDSREFYVGR.L	16
PLOG-3160	proteomics_log	1783481	1783561	-	6	5	R.ALLEFDDQEPQLQNEIREMMKGFDSR.E	31
PLOG-3161	proteomics_log	1783499	1783561	-	6	12	R.ALLEFDDQEPQLQNEIREMMK.G	25
PLOG-3162	proteomics_log	1783511	1783561	-	6	58	R.ALLEFDDQEPQLQNEIR.E	21
PLOG-3163	proteomics_log	1783562	1783603	-	6	4	R.LEFIINRMIGVHPR.A	18
PLOG-3164	proteomics_log	1783583	1783603	-	6	84	R.LEFIINR.M	11
PLOG-3165	proteomics_log	1783652	1783720	-	6	17	K.SSSVETMPDLPLKVMNNVGNPDR.A	27
PLOG-3166	proteomics_log	1783682	1783720	-	6	2	K.SSSVETMPDLPLK.V	17
PLOG-3167	proteomics_log	1783883	1783915	-	6	16	K.ASAIVTNRGGR.T	15
PLOG-3168	proteomics_log	1783883	1783918	-	6	48	K.KASAIVTNRGGR.T	16
PLOG-3169	proteomics_log	1783883	1783933	-	6	10	W.EPIM*KKASAIVTNRGGR.T	22

PLOG-3170	proteomics_log	1783892	1783915	-	6	2	K.ASAIVTNR.G	12
PLOG-3171	proteomics_log	1783892	1783918	-	6	39	K.KASAIVTNR.G	13
PLOG-3172	proteomics_log	1783916	1784032	-	6	7	R.IGAGPVKVIHDISEMNRIEPGDVLVTDMTDPDWEPIIMKK.A	43
PLOG-3173	proteomics_log	1783919	1783981	-	6	12	R.IEPGDVLVTDMTDPDWEPIIMK.K	25
PLOG-3174	proteomics_log	1783919	1784032	-	6	9	R.IGAGPVKVIHDISEMNRIEPGDVLVTDMTDPDWEPIIMK.K	42
PLOG-3175	proteomics_log	1783982	1784011	-	6	8	K.VIHDISEMNR.I	14
PLOG-3176	proteomics_log	1783982	1784032	-	6	138	R.IGAGPVKVIHDISEMNR.I	21
PLOG-3177	proteomics_log	1783982	1784047	-	6	6	R.AIGHRIGAGPVKVIHDISEMNR.I	26
PLOG-3178	proteomics_log	1784048	1784089	-	6	142	R.YTLHSQGKIIAEGR.A	18
PLOG-3179	proteomics_log	1784048	1784107	-	6	7	R.GQVMERYTLHSQGKIIAEGR.A	24
PLOG-3180	proteomics_log	1784066	1784089	-	6	42	R.YTLHSQGK.I	12
PLOG-3181	proteomics_log	1784090	1784113	-	6	6	R.SRGQVMER.Y	12
PLOG-3182	proteomics_log	1784114	1784149	-	6	21	K.LFIVQARPETVR.S	16
PLOG-3183	proteomics_log	1784114	1784167	-	6	11	K.DGHTGKLFIVQARPETVR.S	22
PLOG-3184	proteomics_log	1784168	1784203	-	6	2	K.HYGRPMDIEWAK.D	16
PLOG-3185	proteomics_log	1784204	1784269	-	6	5	R.DIFSLTNEEVQELAKQAVQIEK.H	26
PLOG-3186	proteomics_log	1784204	1784296	-	6	23	K.IEDVPQEQRDIFSLTNEEVQELAKQAVQIEK.H	35
PLOG-3187	proteomics_log	1784225	1784269	-	6	164	R.DIFSLTNEEVQELAK.Q	19
PLOG-3188	proteomics_log	1784225	1784296	-	6	61	K.IEDVPQEQRDIFSLTNEEVQELAK.Q	28
PLOG-3189	proteomics_log	1784237	1784269	-	6	2	R.DIFSLTNEEVQ.E	15
PLOG-3190	proteomics_log	1784270	1784296	-	6	27	K.IEDVPQEQR.D	13
PLOG-3191	proteomics_log	1784270	1784338	-	6	55	R.MVYAPTQEHGKQVKIEDVPQEQR.D	27
PLOG-3192	proteomics_log	1784297	1784338	-	6	4	R.M*VYAPTQEHGKQVK.I	19
PLOG-3193	proteomics_log	1784297	1784338	-	6	100	R.MVYAPTQEHGKQVK.I	18
PLOG-3194	proteomics_log	1784297	1784344	-	6	2	K.IRMVYAPTQEHGKQVK.I	20
PLOG-3195	proteomics_log	1784306	1784338	-	6	58	R.MVYAPTQEHGK.Q	15
PLOG-3196	proteomics_log	1784339	1784365	-	6	4	R.RTMGSKKIR.M	13
PLOG-3197	proteomics_log	1784555	1784584	-	6	52	R.GVALSAGVQR.M	14
PLOG-3198	proteomics_log	1784585	1784608	-	6	16	R.VHQGYDHR.G	12
PLOG-3199	proteomics_log	1784624	1784653	-	6	7	K.HVFASLFNDR.A	14
PLOG-3200	proteomics_log	1784624	1784755	-	6	45	R.SSATAEDMPDASFAGQQUETFLNVQGFDAVLVAVKHVFASLFNDR.A	48
PLOG-3201	proteomics_log	1784654	1784755	-	6	2	R.SSATAEDMPDASFAGQQUETFLNVQGFDAVLVAVK.H	38
PLOG-3202	proteomics_log	1784756	1784809	-	6	3	R.EAYAQLSADDENASFAVR.S	22
PLOG-3203	proteomics_log	1784756	1784860	-	6	110	R.QWIIDTPFQPELENAIREAYAQLSADDENASFAVR.S	39
PLOG-3204	proteomics_log	1784756	1784878	-	6	14	K.AGAQIRQWIIDTPFQPELENAIREAYAQLSADDENASFAVR.S	45
PLOG-3205	proteomics_log	1784810	1784860	-	6	34	R.QWIIDTPFQPELENAIR.E	21
PLOG-3206	proteomics_log	1784810	1784878	-	6	45	K.AGAQIRQWIIDTPFQPELENAIR.E	27
PLOG-3207	proteomics_log	1784861	1784932	-	6	71	R.IYELLDKTDIDDVTQLAKAGAQIR.Q	28
PLOG-3208	proteomics_log	1784879	1784917	-	6	2	L.DKTDIDDVTQLAK.A	17
PLOG-3209	proteomics_log	1784879	1784932	-	6	187	R.IYELLDKTDIDDVTQLAK.A	22
PLOG-3210	proteomics_log	1784933	1785013	-	6	2	M.GVSVPNGFATTADAFNQFLDQSGVNQR.I	31
PLOG-3211	proteomics_log	1784933	1785055	-	6	11	K.NASLGEMITNLSGMGVSVPNGFATTADAFNQFLDQSGVNQR.I	45
PLOG-3212	proteomics_log	1784933	1785067	-	6	7	R.VGGKNASLGEMITNLSGMGVSVPNGFATTADAFNQFLDQSGVNQR.I	49
PLOG-3213	proteomics_log	1785068	1785133	-	6	29	M.SNNGSSPLVLWYNQLGMNDVDR.V	26
PLOG-3214	proteomics_log	1789435	1789494	-	5	4	V.RSRRKFPLVAIASLREALIR.Q	24
PLOG-3215	proteomics_log	1791585	1791650	-	4	2	R.FSPDMTPEDPIVMESIKLALAK.-	26

PLOG-3216	proteomics_log	1791600	1791650	-	4	2	R.FSPDM*TPEDPIVMESIK.L	22
PLOG-3217	proteomics_log	1791600	1791650	-	4	2	R.FSPDMTPEDPIVM*ESIK.L	22
PLOG-3218	proteomics_log	1791600	1791650	-	4	17	R.FSPDMTPEDPIVMESIK.L	21
PLOG-3219	proteomics_log	1791672	1791734	-	4	2	K.GRAPLYPDDILWNFEKFLVGR.D	25
PLOG-3220	proteomics_log	1791687	1791728	-	4	22	R.APLYPDDILWNFEK.F	18
PLOG-3221	proteomics_log	1791687	1791734	-	4	41	K.GRAPLYPDDILWNFEK.F	20
PLOG-3222	proteomics_log	1791687	1791746	-	4	15	R.MVSKGRAPLYPDDILWNFEK.F	24
PLOG-3223	proteomics_log	1791747	1791803	-	4	53	K.LIAAAPTAVAPEESGFYAR.M	23
PLOG-3224	proteomics_log	1791804	1791845	-	4	9	K.IEVNGEGRHPLYQK.L	18
PLOG-3225	proteomics_log	1792026	1792067	-	4	12	K.FAGNVLLIVNVASK.C	18
PLOG-3226	proteomics_log	1792068	1792100	-	4	5	K.DIDGEVTTLEK.F	15
PLOG-3227	proteomics_log	1792068	1792133	-	4	26	T.M*QDSILTTVVKDIDGEVTTLEK.F	27
PLOG-3228	proteomics_log	1792068	1792133	-	4	61	T.MQDSILTTVVKDIDGEVTTLEK.F	26
PLOG-3229	proteomics_log	1792101	1792133	-	4	7	T.MQDSILTTVVK.D	15
PLOG-3230	proteomics_log	1792365	1792478	-	4	4	Q.CAGGSDRLDGWRQCGAGGCYRLYWSGDPYPVVFVFN.R	42
PLOG-3231	proteomics_log	1793280	1793306	-	4	39	R.VENASPKDE.-	13
PLOG-3232	proteomics_log	1793280	1793312	-	4	83	K.SRVENASPKDE.-	15
PLOG-3233	proteomics_log	1793280	1793318	-	4	47	K.LKSRVENASPKDE.-	17
PLOG-3234	proteomics_log	1793313	1793345	-	4	21	R.VVTFRPGQK.L.S	15
PLOG-3235	proteomics_log	1793349	1793378	-	4	59	K.TGEDIPITAR.R	14
PLOG-3236	proteomics_log	1793412	1793441	-	4	19	K.LSGFGNFDLR.D	14
PLOG-3237	proteomics_log	1793442	1793468	-	4	10	R.ALENGEQVK.L	13
PLOG-3238	proteomics_log	1793469	1793504	-	4	2	K.ELVELFFEEIRR.A	16
PLOG-3239	proteomics_log	1793469	1793513	-	4	13	R.DAKELVELFFEEIRR.A	19
PLOG-3240	proteomics_log	1793469	1793516	-	4	4	K.RDAKELVELFFEEIRR.A	20
PLOG-3241	proteomics_log	1793472	1793504	-	4	4	K.ELVELFFEEIR.R	15
PLOG-3242	proteomics_log	1793472	1793513	-	4	14	R.DAKELVELFFEEIR.R	18
PLOG-3243	proteomics_log	1793514	1793573	-	4	2	M.ALTKAEM*SEYLFDKLGLSKR.D	25
PLOG-3244	proteomics_log	1793514	1793573	-	4	17	M.ALTKAEMSEYLFDKLGLSKR.D	24
PLOG-3245	proteomics_log	1793517	1793561	-	4	5	K.AEMSEYLFDKLGLSK.R	19
PLOG-3246	proteomics_log	1793531	1793620	-	6	5	R.GIKRAIPGIIIEGLNLWRLQKLCQNICLIS.L	34
PLOG-3247	proteomics_log	1793531	1793620	-	6	5	R.GIKRAIPGIIIEGLNLWRLQKLCQNICLIS.L	34
PLOG-3248	proteomics_log	1793584	1793604	-	5	4	R.FQASLRD.-	11
PLOG-3249	proteomics_log	1793629	1793667	-	5	74	R.TLEEEIEAATVAK.C	17
PLOG-3250	proteomics_log	1793629	1793706	-	5	33	K.SLAISLILQDTSRTLEEEIEAATVAK.C	30
PLOG-3251	proteomics_log	1793629	1793727	-	5	2	K.GVAEGYKSLAISLILQDTSRTLEEEIEAATVAK.C	37
PLOG-3252	proteomics_log	1793668	1793706	-	5	83	K.SLAISLILQDTSR.T	17
PLOG-3253	proteomics_log	1793668	1793733	-	5	4	R.GKGVAEGYKSLAISLILQDTSR.T	26
PLOG-3254	proteomics_log	1793728	1793781	-	5	2	K.VGVNQVGVNLFVDVYRGK.G	22
PLOG-3255	proteomics_log	1793734	1793781	-	5	57	K.VGVNQVGVNLFVDVYR.G	20
PLOG-3256	proteomics_log	1793734	1793784	-	5	19	K.KGVNQVGVNLFVDVYR.G	21
PLOG-3257	proteomics_log	1793791	1793844	-	5	3	R.DIAVVVAENVPAADILSE.C	22
PLOG-3258	proteomics_log	1793875	1793934	-	5	156	R.TLVFELEWNLADRVPQAR.E	24
PLOG-3259	proteomics_log	1793875	1793955	-	5	2	R.KLDLNGRTLVLFELEWNLADRVPQAR.E	31
PLOG-3260	proteomics_log	1793893	1793934	-	5	29	R.TLVFELEWNLADR.V	18
PLOG-3261	proteomics_log	1793905	1793934	-	5	2	R.TLVFELEWNL.L	14

PLOG-3262	proteomics_log	1793956	1793994	-	5	214	R.IGFVGVVHPELER.K	17
PLOG-3263	proteomics_log	1793995	1794057	-	5	10	R.AEANPALHPGQSAAIYLGKER.I	25
PLOG-3264	proteomics_log	1794058	1794141	-	5	27	K.ETVDFYDLKGDLESVLDLTGKLENEVEFR.A	32
PLOG-3265	proteomics_log	1794244	1794270	-	5	3	R.VRIFESGLR.F	13
PLOG-3266	proteomics_log	1794271	1794333	-	5	2	R.LSLWTGLLATVVYNQNRQQR.V	25
PLOG-3267	proteomics_log	1794283	1794333	-	5	7	R.LSLWTGLLATVVYNQNR.Q	21
PLOG-3268	proteomics_log	1794334	1794411	-	5	38	K.VQQMIHPGVEALLPSPISVEMSAMR.L	30
PLOG-3269	proteomics_log	1794412	1794471	-	5	18	K.TLLNDKGYQEVITYSFVDPK.V	24
PLOG-3270	proteomics_log	1794412	1794477	-	5	18	R.VKTLLNDKGYQEVITYSFVDPK.V	26
PLOG-3271	proteomics_log	1794502	1794546	-	5	50	I.PDEPVQASLIMGTHR.E	19
PLOG-3272	proteomics_log	1794502	1794567	-	5	3	R.VYGYNNIPDEPVQASLIM*GTHR.E	27
PLOG-3273	proteomics_log	1794502	1794567	-	5	58	R.VYGYNNIPDEPVQASLIMGTHR.E	26
PLOG-3274	proteomics_log	1794568	1794612	-	5	56	R.FDMEIEEDLVEEVAR.V	19
PLOG-3275	proteomics_log	1794673	1794723	-	5	11	R.LIGHHIADEQVTDILRR.L	21
PLOG-3276	proteomics_log	1794673	1794738	-	5	7	R.SKLDRLIGHHIADEQVTDILRR.L	26
PLOG-3277	proteomics_log	1794676	1794723	-	5	190	R.LIGHHIADEQVTDILR.R	20
PLOG-3278	proteomics_log	1794676	1794738	-	5	81	R.SKLDRLIGHHIADEQVTDILR.R	25
PLOG-3279	proteomics_log	1794844	1794882	-	5	20	R.GVDPALQHKAMER.A	17
PLOG-3280	proteomics_log	1794856	1794882	-	5	14	R.GVDPALQHK.A	13
PLOG-3281	proteomics_log	1794870	1794920	-	4	17	V.MACIPM*RLTVM*SVALIR.H	23
PLOG-3282	proteomics_log	1794883	1794921	-	5	6	R.HGLHTDASHRYER.G	17
PLOG-3283	proteomics_log	1794892	1794921	-	5	34	R.HGLHTDASHR.Y	14
PLOG-3284	proteomics_log	1794931	1795041	-	5	2	K.ALAMGGIFGGEHSGVNDQNVLLECAFFSPLSITGR.A	41
PLOG-3285	proteomics_log	1795042	1795080	-	5	36	K.LNADTLVIADHNK.A	17
PLOG-3286	proteomics_log	1795042	1795101	-	5	15	L.LDGTEAKLNADTLVIADHNK.A	24
PLOG-3287	proteomics_log	1795042	1795122	-	5	4	K.EGETLVLLDGTEAKLNADTLVIADHNK.A	31
PLOG-3288	proteomics_log	1795042	1795131	-	5	53	R.MAKEGETLVLLDGTEAKLNADTLVIADHNK.A	34
PLOG-3289	proteomics_log	1795081	1795122	-	5	11	K.EGETLVLLDGTEAK.L	18
PLOG-3290	proteomics_log	1795081	1795131	-	5	6	R.MAKEGETLVLLDGTEAK.L	21
PLOG-3291	proteomics_log	1795132	1795236	-	5	47	R.SIDAVVDVTNYVLELGQPMHAFDKDRIEGGIVVR.M	39
PLOG-3292	proteomics_log	1795156	1795236	-	5	32	R.SIDAVVDVTNYVLELGQPMHAFDKDR.I	31
PLOG-3293	proteomics_log	1795258	1795302	-	5	48	K.GINVKAPTPLWMKEK.L	19
PLOG-3294	proteomics_log	1795258	1795311	-	5	4	R.VVKGINVKAPTPLWMKEK.L	22
PLOG-3295	proteomics_log	1795264	1795302	-	5	6	K.GINVKAPTPLWMK.E	17
PLOG-3296	proteomics_log	1795324	1795437	-	5	8	R.DVAVLNQLPLVQPEIVPVGATIDDTLPITVEAPEACPR.Y	42
PLOG-3297	proteomics_log	1795651	1795701	-	5	80	R.VAVATIGAVLPGDFKIK.A	21
PLOG-3298	proteomics_log	1795651	1795713	-	5	12	R.QGLRVAVATIGAVLPGDFKIK.A	25
PLOG-3299	proteomics_log	1795657	1795701	-	5	62	R.VAVATIGAVLPGDFK.I	19
PLOG-3300	proteomics_log	1795750	1795779	-	5	27	R.VTKVNVGGDR.L	14
PLOG-3301	proteomics_log	1795942	1795968	-	5	183	I.MKFSELWLR.E	13
PLOG-3302	proteomics_log	1796181	1796240	-	4	2	R.FRPSYFPFTEPSAEVDVMGK.N	24
PLOG-3303	proteomics_log	1796241	1796270	-	4	2	R.NFFEEDLQIR.F	14
PLOG-3304	proteomics_log	1796409	1796438	-	4	6	R.TMKAQQPPIR.I	14
PLOG-3305	proteomics_log	1796439	1796465	-	4	6	R.TQTSQVQIR.T	13
PLOG-3306	proteomics_log	1796439	1796474	-	4	22	R.LLRTQTSQVQIR.T	16
PLOG-3307	proteomics_log	1796475	1796510	-	4	11	R.ADHDTFWFDTR.L	16

PLOG-3308	proteomics_log	1796634	1796666	-	4	83	R.IENGGHLHPVTR.T	15
PLOG-3309	proteomics_log	1796634	1796669	-	4	48	R.RIENGGHLHPVTR.T	16
PLOG-3310	proteomics_log	1796667	1796708	-	4	2	R.LAAETIDVSLPGRR.I	18
PLOG-3311	proteomics_log	1796670	1796708	-	4	60	R.LAAETIDVSLPGR.R	17
PLOG-3312	proteomics_log	1796709	1796741	-	4	2	K.AELESALNAR.L	15
PLOG-3313	proteomics_log	1796709	1796744	-	4	90	R.KAELESALNAR.L	16
PLOG-3314	proteomics_log	1796745	1796774	-	4	2	K.EQVQQALNAR.K	14
PLOG-3315	proteomics_log	1796745	1796828	-	4	47	R.ELPPEERPAAGAVINEAKEQVQQALNAR.K	32
PLOG-3316	proteomics_log	1796829	1796861	-	4	3	K.GHLTLQMTTLR.E	15
PLOG-3317	proteomics_log	1796883	1796930	-	4	3	K.AAISQASDVAALDNVR.V	20
PLOG-3318	proteomics_log	1796931	1796963	-	4	139	M.SHLAELVASAK.A	15
PLOG-3319	proteomics_log	1797420	1797464	-	4	33	K.VAFTALVEKAKAALA.-	19
PLOG-3320	proteomics_log	1797420	1797494	-	4	242	K.ILADIAVFDKVAFTALVEKAKAALA.-	29
PLOG-3321	proteomics_log	1797420	1797497	-	4	149	R.KILADIAVFDKVAFTALVEKAKAALA.-	30
PLOG-3322	proteomics_log	1797420	1797518	-	4	211	K.ASVEIDRKILADIAVFDKVAFTALVEKAKAALA.-	37
PLOG-3323	proteomics_log	1797420	1797521	-	4	3	K.KASVEIDRKILADIAVFDKVAFTALVEKAKAALA.-	38
PLOG-3324	proteomics_log	1797432	1797464	-	4	99	K.VAFTALVEKAK.A	15
PLOG-3325	proteomics_log	1797432	1797494	-	4	320	K.ILADIAVFDKVAFTALVEKAK.A	25
PLOG-3326	proteomics_log	1797432	1797497	-	4	214	R.KILADIAVFDKVAFTALVEKAK.A	26
PLOG-3327	proteomics_log	1797432	1797518	-	4	155	K.ASVEIDRKILADIAVFDKVAFTALVEKAK.A	33
PLOG-3328	proteomics_log	1797432	1797521	-	4	11	K.KASVEIDRKILADIAVFDKVAFTALVEKAK.A	34
PLOG-3329	proteomics_log	1797438	1797464	-	4	34	K.VAFTALVEK.A	13
PLOG-3330	proteomics_log	1797438	1797488	-	4	3	L.ADIAVFDKVAFTALVEK.A	21
PLOG-3331	proteomics_log	1797438	1797494	-	4	1946	K.ILADIAVFDKVAFTALVEK.A	23
PLOG-3332	proteomics_log	1797438	1797497	-	4	297	R.KILADIAVFDKVAFTALVEK.A	24
PLOG-3333	proteomics_log	1797438	1797518	-	4	197	K.ASVEIDRKILADIAVFDKVAFTALVEK.A	31
PLOG-3334	proteomics_log	1797438	1797521	-	4	81	K.KASVEIDRKILADIAVFDKVAFTALVEK.A	32
PLOG-3335	proteomics_log	1797438	1797539	-	4	17	K.FINGLKKASVEIDRKILADIAVFDKVAFTALVEK.A	38
PLOG-3336	proteomics_log	1797465	1797494	-	4	145	K.ILADIAVFDK.V	14
PLOG-3337	proteomics_log	1797465	1797497	-	4	18	R.KILADIAVFDK.V	15
PLOG-3338	proteomics_log	1797495	1797518	-	4	75	K.ASVEIDRK.I	12
PLOG-3339	proteomics_log	1797495	1797521	-	4	18	K.KASVEIDRK.I	13
PLOG-3340	proteomics_log	1797495	1797539	-	4	23	K.FINGLKKASVEIDRK.I	19
PLOG-3341	proteomics_log	1797495	1797563	-	4	14	R.QNGISYSKFINGLKKASVEIDRK.I	27
PLOG-3342	proteomics_log	1797498	1797518	-	4	6	K.ASVEIDR.K	11
PLOG-3343	proteomics_log	1797498	1797521	-	4	9	K.KASVEIDR.K	12
PLOG-3344	proteomics_log	1797498	1797539	-	4	9	K.FINGLKKASVEIDR.K	18
PLOG-3345	proteomics_log	1797498	1797563	-	4	7	R.QNGISYSKFINGLKKASVEIDR.K	26
PLOG-3346	proteomics_log	1797519	1797563	-	4	63	R.QNGISYSKFINGLKK.A	19
PLOG-3347	proteomics_log	1797519	1797581	-	4	63	R.INAAARQNGISYSKFINGLKK.A	25
PLOG-3348	proteomics_log	1797522	1797581	-	4	17	R.INAAARQNGISYSKFINGLKK.A	24
PLOG-3349	proteomics_log	1797540	1797581	-	4	141	R.INAAARQNGISYSK.F	18
PLOG-3350	proteomics_log	1797582	1797608	-	4	7	R.QFRQLWIAR.I	13
PLOG-3351	proteomics_log	1797621	1797674	-	4	2	R.VAFQAVIKAGQYAYRDRR.Q	22
PLOG-3352	proteomics_log	1797624	1797683	-	4	11	R.VYRVAFQAVIKAGQYAYRDRR.R	24
PLOG-3353	proteomics_log	1797630	1797650	-	4	53	K.AGQYAYR.D	11

PLOG-3354	proteomics_log	1797630	1797674	-	4	27	R.VAFQAVIKAGQYAYR.D	19
PLOG-3355	proteomics_log	1797651	1797674	-	4	183	R.VAFQAVIK.A	12
PLOG-3356	proteomics_log	1797651	1797683	-	4	79	R.VYRVAFQAVIK.A	15
PLOG-3357	proteomics_log	1797690	1797725	-	4	53	K.ILKQAKGYYGAR.S	16
PLOG-3358	proteomics_log	1797690	1797728	-	4	5	K.KILKQAKGYYGAR.S	17
PLOG-3359	proteomics_log	1797690	1797740	-	4	3	R.ARHKILKQAKGYYGAR.S	21
PLOG-3360	proteomics_log	1797708	1797728	-	4	2	K.KILKQAK.G	11
PLOG-3361	proteomics_log	1797708	1797734	-	4	6	R.HKKILKQAK.G	13
PLOG-3362	proteomics_log	1797829	1797882	-	5	22	K.AMVSKGDLGLVIACLPYA.-	22
PLOG-3363	proteomics_log	1797844	1797882	-	5	9	K.AMVSKGDLGLVIA.C	17
PLOG-3364	proteomics_log	1797868	1797897	-	5	2	R.HLRPKAMVSK.G	14
PLOG-3365	proteomics_log	1797904	1797933	-	5	25	R.HILTKKATKR.K	14
PLOG-3366	proteomics_log	1797907	1797933	-	5	25	R.HILTKKATK.R	13
PLOG-3367	proteomics_log	1797919	1797948	-	5	10	K.HANLRHILTK.K	14
PLOG-3368	proteomics_log	1797934	1797966	-	5	20	K.GGFKHKHANLR.H	15
PLOG-3369	proteomics_log	1797934	1797975	-	5	25	K.TGKGFKHKHANLR.H	18
PLOG-3370	proteomics_log	1797949	1797984	-	5	3	R.FKKTGKGGFKHK.H	16
PLOG-3371	proteomics_log	1797985	1798020	-	5	16	M.PKIKTVRGAAGR.F	16
PLOG-3372	proteomics_log	1797988	1798020	-	5	38	M.PKIKTVRGAAR.R	15
PLOG-3373	proteomics_log	1798000	1798020	-	5	5	M.PKIKTVR.G	11
PLOG-3374	proteomics_log	1798123	1798158	-	5	35	R.QMIMVLAPKKKQ.-	16
PLOG-3375	proteomics_log	1798132	1798158	-	5	7	R.QMIMVLAPK.K	13
PLOG-3376	proteomics_log	1798159	1798221	-	5	285	R.VKDDLQELAVVESFPTKIEGR.Q	25
PLOG-3377	proteomics_log	1798159	1798251	-	5	82	H.QQIGM*EVLNRVKDDLQELAVVESFPTKIEGR.Q	36
PLOG-3378	proteomics_log	1798159	1798263	-	5	2	R.EMAHQQIGM*EVLNRVKDDLQELAVVESFPTKIEGR.Q	40
PLOG-3379	proteomics_log	1798159	1798263	-	5	3	R.EM*AHQQIGMEVLNRVKDDLQELAVVESFPTKIEGR.Q	40
PLOG-3380	proteomics_log	1798159	1798263	-	5	2	R.EM*AHQQIGM*EVLNRVKDDLQELAVVESFPTKIEGR.Q	41
PLOG-3381	proteomics_log	1798159	1798263	-	5	110	R.EMAHQQIGMEVLNRVKDDLQELAVVESFPTKIEGR.Q	39
PLOG-3382	proteomics_log	1798159	1798269	-	5	2	R.GREM*AHQQIGM*EVLNRVKDDLQELAVVESFPTKIEGR.Q	43
PLOG-3383	proteomics_log	1798171	1798221	-	5	44	R.VKDDLQELAVVESFPTK.I	21
PLOG-3384	proteomics_log	1798222	1798263	-	5	4	R.EMAHQQIGM*EVLNR.V	19
PLOG-3385	proteomics_log	1798222	1798263	-	5	4	R.EM*AHQQIGM*EVLNR.V	20
PLOG-3386	proteomics_log	1798222	1798263	-	5	6	R.EM*AHQQIGMEVLNR.V	19
PLOG-3387	proteomics_log	1798222	1798263	-	5	295	R.EMAHQQIGMEVLNR.V	18
PLOG-3388	proteomics_log	1798222	1798269	-	5	2	R.GREMAHQQIGM*EVLNR.V	21
PLOG-3389	proteomics_log	1798222	1798269	-	5	10	R.GREMAHQQIGMEVLNR.V	20
PLOG-3390	proteomics_log	1798222	1798275	-	5	50	R.FRGREMAHQQIGMEVLNR.V	22
PLOG-3391	proteomics_log	1798276	1798314	-	5	130	R.FLEEGDKAKITLR.F	17
PLOG-3392	proteomics_log	1798276	1798326	-	5	39	R.SLIRFLEEGDKAKITLR.F	21
PLOG-3393	proteomics_log	1798279	1798326	-	5	9	R.SLIRFLEEGDKAKITL.R	20
PLOG-3394	proteomics_log	1798288	1798311	-	5	2	F.LEEGDKAK.I	12
PLOG-3395	proteomics_log	1798288	1798314	-	5	55	R.FLEEGDKAK.I	13
PLOG-3396	proteomics_log	1798288	1798326	-	5	74	R.SLIRFLEEGDKAK.I	17
PLOG-3397	proteomics_log	1798327	1798371	-	5	202	K.FRPGTDEGDYQVKLR.S	19
PLOG-3398	proteomics_log	1798327	1798377	-	5	6	E.IKFRPGTDEGDYQVKLR.S	21
PLOG-3399	proteomics_log	1798327	1798380	-	5	55	K.EIKFRPGTDEGDYQVKLR.S	22



PLOG-3400	proteomics_log	1798327	1798395	-	5	7	K.VIQVKEIKFRPGTDEGDYQVKLR.S	27
PLOG-3401	proteomics_log	1798333	1798371	-	5	162	K.FRPGTDEGDYQVK.L	17
PLOG-3402	proteomics_log	1798333	1798377	-	5	4	E.IKFRPGTDEGDYQVK.L	19
PLOG-3403	proteomics_log	1798333	1798380	-	5	38	K.EIKFRPGTDEGDYQVK.L	20
PLOG-3404	proteomics_log	1798333	1798395	-	5	2	K.VIQVKEIKFRPGTDEGDYQVK.L	25
PLOG-3405	proteomics_log	1798372	1798395	-	5	8	K.VIQVKEIK.F	12
PLOG-3406	proteomics_log	1798372	1798401	-	5	2	K.QKVIQVKEIK.F	14
PLOG-3407	proteomics_log	1798426	1798464	-	5	3	R.IM*DYGKFLYEKSK.S	18
PLOG-3408	proteomics_log	1798432	1798464	-	5	5	R.IM*DYGKFLYEK.S	16
PLOG-3409	proteomics_log	1798432	1798464	-	5	63	R.IMDYGKFLYEK.S	15
PLOG-3410	proteomics_log	1798465	1798587	-	5	10	R.LTGLEGEQLGIVSLREALEKAEEAGVDLVEISPNAEPPVCR.I	45
PLOG-3411	proteomics_log	1798528	1798587	-	5	4	R.LTGLEGEQLGIVSLREALEK.A	24
PLOG-3412	proteomics_log	1798543	1798587	-	5	10	R.LTGLEGEQLGIVSLR.E	19
PLOG-3413	proteomics_log	1798588	1798644	-	5	2	R.VQTARPNRINGEIRAQEV.R.L	23
PLOG-3414	proteomics_log	1798603	1798644	-	5	11	R.VQTARPNRINGEIR.A	18
PLOG-3415	proteomics_log	1798690	1798758	-	5	5	R.GKDLGSM DVNEVIEKLQQEIRSR.S	27
PLOG-3416	proteomics_log	1798690	1798761	-	5	4	R.RGKDLGSM*DVNEVIEKLQQEIRSR.S	29
PLOG-3417	proteomics_log	1798696	1798752	-	5	4	K.DLGSM DVNEVIEKLQQEIR.S	23
PLOG-3418	proteomics_log	1798696	1798758	-	5	99	R.GKDLGSM DVNEVIEKLQQEIR.S	25
PLOG-3419	proteomics_log	1798696	1798761	-	5	6	R.RGKDLGSM*DVNEVIEKLQQEIR.S	27
PLOG-3420	proteomics_log	1798696	1798761	-	5	80	R.RGKDLGSM DVNEVIEKLQQEIR.S	26
PLOG-3421	proteomics_log	1798696	1798767	-	5	2	R.TRRGKDLGSM DVNEVIEKLQQEIR.S	28
PLOG-3422	proteomics_log	1798714	1798752	-	5	4	K.DLGSM*DVNEVIEK.L	18
PLOG-3423	proteomics_log	1798714	1798758	-	5	2	R.GKDLGSM*DVNEVIEK.L	20
PLOG-3424	proteomics_log	1798714	1798758	-	5	13	R.GKDLGSM DVNEVIEK.L	19
PLOG-3425	proteomics_log	1798714	1798761	-	5	2	R.RGKDLGSM DVNEVIEK.L	20
PLOG-3426	proteomics_log	1798768	1798830	-	5	2	R.RVPYMLVCGDKVEESGKVAVR.T	25
PLOG-3427	proteomics_log	1798912	1799034	-	5	3	R.FIGILTEEFAGFFPTW LAPVQVIMNITDSQSEYVNELTQK.L	45
PLOG-3428	proteomics_log	1799083	1799118	-	5	6	R.LSASYVGEDNER.K	16
PLOG-3429	proteomics_log	1799692	1799748	-	5	3	R.SKLLKEYQYQEVKGPFM*M*DR.V	25
PLOG-3430	proteomics_log	1799713	1799748	-	5	2	R.SKLLKEYQYQEVK.G	16
PLOG-3431	proteomics_log	1799770	1799847	-	5	13	K.QLDLYHMQEEAPGMVFWHNDGWTIFR.E	30
PLOG-3432	proteomics_log	1800184	1800225	-	5	2	R.M*HELAEKNYDVIKK.K	19
PLOG-3433	proteomics_log	1800226	1800321	-	5	2	K.MAIGPVIDNGFYD VDLDR.TLTQEDVEALEKR.M	36
PLOG-3434	proteomics_log	1800229	1800264	-	5	5	R.TLTQEDVEALEK.R	16
PLOG-3435	proteomics_log	1800265	1800321	-	5	3	K.M*AIGPVIDNGFYD VDLDR.T	24
PLOG-3436	proteomics_log	1800265	1800321	-	5	20	K.MAIGPVIDNGFYD VDLDR.T	23
PLOG-3437	proteomics_log	1800379	1800405	-	5	3	K.DEEGLEIIR.H	13
PLOG-3438	proteomics_log	1800496	1800558	-	5	105	R.HYDHAVSPMD VALDIGPGLAK.A	25
PLOG-3439	proteomics_log	1800496	1800591	-	5	12	M.PVITLPDGSQRHYDHAVSPMD VALDIGPGLAK.A	36
PLOG-3440	proteomics_log	1800559	1800591	-	5	47	M.PVITLPDGSQR.H	15
PLOG-3441	proteomics_log	1803988	1804032	-	5	3	A.DDSVFTVM*DDPASAK.K	20
PLOG-3442	proteomics_log	1818885	1818908	-	4	2	R.KVDALAAG.L	12
PLOG-3443	proteomics_log	1819362	1819436	-	4	2	R.LLPNKPVEIDSLLYGKVDGLGLVK.A	29
PLOG-3444	proteomics_log	1820053	1820085	-	5	3	R.GTCQTYILGQR.D	15
PLOG-3445	proteomics_log	1820086	1820145	-	5	46	R.AQVAQIAGKPSSEVSM*I HAR.G	25

PLOG-3446	proteomics_log	1820086	1820145	-	5	336	R.AQVAQIAGKPSSEVSMIHAR.G	24
PLOG-3447	proteomics_log	1820197	1820286	-	5	3	G.RNMNKNM*AGILSAAAVLTMLAGCTAYDRTK.D	35
PLOG-3448	proteomics_log	1823992	1824027	-	5	2	V.GSVGITRGINAR.K	16
PLOG-3449	proteomics_log	1824991	1825029	-	5	2	R.EGREALDVLSQLL.N	17
PLOG-3450	proteomics_log	1829512	1829583	-	5	2	R.TLFTVSAGGQPAYSQDFAPLPADI.R	28
PLOG-3451	proteomics_log	1845163	1845204	-	5	27	R.NFASYGHLMGEMPR.E	18
PLOG-3452	proteomics_log	1845205	1845234	-	5	2	K.LGAVPPGTER.N	14
PLOG-3453	proteomics_log	1845262	1845285	-	5	2	R.VDYEAIPIK.L	12
PLOG-3454	proteomics_log	1845286	1845363	-	5	4	K.AMTDVTGFGLLGHLSEMCQGAGVQAR.V	30
PLOG-3455	proteomics_log	1845364	1845408	-	5	2	R.M*NIAGASFANIEGVK.A	20
PLOG-3456	proteomics_log	1845364	1845408	-	5	25	R.MNIAGASFANIEGVK.A	19
PLOG-3457	proteomics_log	1845460	1845513	-	5	97	K.LFLT KPLGIGVLT TAEKK.S	22
PLOG-3458	proteomics_log	1845463	1845513	-	5	4	K.LFLT KPLGIGVLT TAEK.K	21
PLOG-3459	proteomics_log	1845550	1845642	-	5	117	R.QAGIALAGGHSIDAPEPIFGLAVTGIVPTER.V	35
PLOG-3460	proteomics_log	1845676	1845786	-	5	53	R.IAATNAISDIFAMGGKPIMAIAILGWPINKLSPEIAR.E	41
PLOG-3461	proteomics_log	1845697	1845786	-	5	52	R.IAATNAISDIFAMGGKPIMAIAILGWPINK.L	34
PLOG-3462	proteomics_log	1845787	1845885	-	5	2	R.DDAAVYDLGNGTSVISTTDFFM*PIVDNPFDFGR.I	38
PLOG-3463	proteomics_log	1845886	1845924	-	5	4	K.FVDPNLLVGNETR.D	17
PLOG-3464	proteomics_log	1845886	1845960	-	5	3	K.VLETILHSEQAKFVDPNLLVGNETR.D	29
PLOG-3465	proteomics_log	1845925	1845960	-	5	125	K.VLETILHSEQAK.F	16
PLOG-3466	proteomics_log	1846152	1846202	-	4	121	K.ASTSINVPDPTPFVITYF.-	21
PLOG-3467	proteomics_log	1846203	1846253	-	4	12	R.EQDKIVGFLYLGT PQLK.A	21
PLOG-3468	proteomics_log	1846272	1846304	-	4	15	R.SGALTESPVVR.E	15
PLOG-3469	proteomics_log	1846416	1846460	-	4	104	R.NAPFRAPLIITVVAK.C	19
PLOG-3470	proteomics_log	1846461	1846529	-	4	89	R.FSAVLEQGAIAAGSDDKAIDKAR.N	27
PLOG-3471	proteomics_log	1846536	1846580	-	4	49	K.SMQPWHFFVIEGEGR.E	19
PLOG-3472	proteomics_log	1846608	1846655	-	4	185	R.LAEPAPTGEQLQNILR.A	20
PLOG-3473	proteomics_log	1846671	1846700	-	4	52	Q.MDALELLINR.R	14
PLOG-3474	proteomics_log	1848564	1848596	-	4	3	N.MAWNASGNIAR.T	15
PLOG-3475	proteomics_log	1854428	1854478	-	6	8	T.QAKARQM*IICADM*IKPR.L	23
PLOG-3476	proteomics_log	1859111	1859149	-	6	2	Q.VGEKVKDWKVGQR.V	17
PLOG-3477	proteomics_log	1859948	1859998	-	6	20	I.MNLDDIINSMMPEVYQR.L	21
PLOG-3478	proteomics_log	1860043	1860078	-	5	38	R.FTDGENGEEING.-	16
PLOG-3479	proteomics_log	1860184	1860216	-	5	2	R.YIKDLSHGM*QR.I	16
PLOG-3480	proteomics_log	1860184	1860216	-	5	4	R.YIKDLSHGMQR.I	15
PLOG-3481	proteomics_log	1860418	1860450	-	5	65	M.ANKPSAEELKK.N	15
PLOG-3482	proteomics_log	1863753	1863833	-	4	8	R.LSDEVTDS PMVDKSWTGLISTGITYKF.-	31
PLOG-3483	proteomics_log	1878229	1878246	-	5	2	T.QYIRTK.K	10
PLOG-3484	proteomics_log	1887162	1887251	-	4	3	R.LVPKYHLPDAISFRSALHNGYRMQYVKPEL.V	34
PLOG-3485	proteomics_log	1887360	1887437	-	4	2	R.ELEHQLNDSGASAIIVSNFAHTLEK.V	30
PLOG-3486	proteomics_log	1887483	1887542	-	4	3	R.VALMMPNLLQYPVALFGILR.A	24
PLOG-3487	proteomics_log	1888344	1888373	-	4	2	K.VVAVQNQQGK.T	14
PLOG-3488	proteomics_log	1888386	1888430	-	4	4	V.RVMSAPQLYVGQEAR.F	19
PLOG-3489	proteomics_log	1888635	1888673	-	4	2	K.TVAVEHAEPVYLR.N	17
PLOG-3490	proteomics_log	1888977	1889075	-	4	3	R.IGIGIAQGLALGAELPMIGVSTLMTMAQGAWRK.N	37
PLOG-3491	proteomics_log	1889076	1889180	-	4	6	R.ILPMVQDILTTSGLTDINALAYGRGPGSFTGVR.I	39

PLOG-3492	proteomics_log	1889103	1889180	-	4	11	R.ILPMVQDILTTSGLTLDINALAYGR.G	30
PLOG-3493	proteomics_log	1900680	1900730	-	4	2	T.TCAVTPGGATWVSSVLR.T	21
PLOG-3494	proteomics_log	1904911	1904952	-	5	2	R.SRDPGDSAEM*M*QAR.R	20
PLOG-3495	proteomics_log	1905253	1905282	-	5	64	K.GPAAVNVTAI.-	14
PLOG-3496	proteomics_log	1905253	1905333	-	5	369	K.TLAEQNVEFEIQDGQKGPAAVNVTAI.-	31
PLOG-3497	proteomics_log	1905253	1905378	-	5	32	K.DVHVHFSAIQNGGFKTLAEQNVEFEIQDGQKGPAAVNVTAI.-	46
PLOG-3498	proteomics_log	1905283	1905333	-	5	106	K.TLAEQNVEFEIQDGQK.G	21
PLOG-3499	proteomics_log	1905334	1905372	-	5	5	V.FVHFSAIQNGGFK.T	17
PLOG-3500	proteomics_log	1905334	1905378	-	5	521	K.DVHVHFSAIQNGGFK.T	19
PLOG-3501	proteomics_log	1905334	1905414	-	5	142	K.GFGFITPADGSKDVFVHFSAIQNGGFK.T	31
PLOG-3502	proteomics_log	1905334	1905432	-	5	16	K.WFNESKGFITPADGSKDVFVHFSAIQNGGFK.T	37
PLOG-3503	proteomics_log	1905379	1905414	-	5	482	K.GFGFITPADGSK.D	16
PLOG-3504	proteomics_log	1905379	1905432	-	5	332	K.WFNESKGFITPADGSK.D	22
PLOG-3505	proteomics_log	1905379	1905450	-	5	4	K.IKGQVKWFNESKGFITPADGSK.D	28
PLOG-3506	proteomics_log	1905379	1905456	-	5	101	M.AKIKGQVKWFNESKGFITPADGSK.D	30
PLOG-3507	proteomics_log	1905415	1905444	-	5	2	K.GQVKWFNESK.G	14
PLOG-3508	proteomics_log	1905415	1905450	-	5	3	K.IKGQVKWFNESK.G	16
PLOG-3509	proteomics_log	1905415	1905456	-	5	152	M.AKIKGQVKWFNESK.G	18
PLOG-3510	proteomics_log	1905433	1905456	-	5	65	M.AKIKGQVK.W	12
PLOG-3511	proteomics_log	1905433	1905459	-	5	4	Q.MAKIKGQVK.W	13
PLOG-3512	proteomics_log	1906362	1906442	-	4	5	L.NCLRRCWISKNVKM*HCYVVC AKQTNQR.K	32
PLOG-3513	proteomics_log	1907374	1907427	-	5	2	R.FSEERLQEYVAMLHTAAR.K	22
PLOG-3514	proteomics_log	1907551	1907598	-	5	4	R.TITSTEALLPVLDQVR.E	20
PLOG-3515	proteomics_log	1907677	1907706	-	5	2	R.NPLYSTAIGK.V	14
PLOG-3516	proteomics_log	1907851	1907877	-	5	17	R.ALQNVDLIR.S	13
PLOG-3517	proteomics_log	1908004	1908069	-	5	27	K.VFGILQALGEEREIGITELSQR.V	26
PLOG-3518	proteomics_log	1908034	1908069	-	5	9	K.VFGILQALGEER.E	16
PLOG-3519	proteomics_log	1910795	1910827	-	6	136	K.ARPAEQPAPVK.-	15
PLOG-3520	proteomics_log	1910795	1910836	-	6	4	K.LEKARPAEQPAPVK.-	18
PLOG-3521	proteomics_log	1910828	1910920	-	6	3	K.KLDDLPKDYQEPDPYLDETVNIALDLAKLEK.A	35
PLOG-3522	proteomics_log	1910837	1910899	-	6	8	K.DYQEPDPYLDETVNIALDLAK.L	25
PLOG-3523	proteomics_log	1910837	1910920	-	6	28	K.KLDDLPKDYQEPDPYLDETVNIALDLAK.L	32
PLOG-3524	proteomics_log	1911005	1911034	-	6	3	R.NIVSLNYAVR.E	14
PLOG-3525	proteomics_log	1911035	1911058	-	6	7	R.FNAMKDKR.N	12
PLOG-3526	proteomics_log	1911059	1911106	-	6	4	R.IAKDPEFQNM*KDIAR.F	21
PLOG-3527	proteomics_log	1911059	1911106	-	6	13	R.IAKDPEFQNMKDIAR.F	20
PLOG-3528	proteomics_log	1911107	1911160	-	6	3	K.SGDLTAFEPELLKEHNAR.I	22
PLOG-3529	proteomics_log	1911311	1911376	-	6	2	R.IYDQMLRPEWPALGVSQYTIQK.F	26
PLOG-3530	proteomics_log	1911389	1911442	-	6	3	R.ALVVGEPTFGKGTVQQYR.S	22
PLOG-3531	proteomics_log	1911443	1911496	-	6	5	R.FSASASEIFAAAMQDYGR.A	22
PLOG-3532	proteomics_log	1911581	1911661	-	6	16	R.SNGGGALTEAVSLSGLFIPAGPIVQVR.D	31
PLOG-3533	proteomics_log	1911695	1911772	-	6	4	K.VGVLDIPGFYVGLTDDVKVQLQKLEK.Q	30
PLOG-3534	proteomics_log	1911719	1911772	-	6	11	K.VGVLDIPGFYVGLTDDVK.V	22
PLOG-3535	proteomics_log	1912145	1912180	-	6	3	R.EIDPHTNYLSPR.N	16
PLOG-3536	proteomics_log	1912181	1912237	-	6	51	R.LAQTNSEDVFLAMTAFAR.E	23
PLOG-3537	proteomics_log	1912391	1912462	-	6	9	R.YQYALSVLEKPMDFGTNDTYNLDR.S	28

PLOG-3538	proteomics_log	1912475	1912525	-	6	13	R.SGKLDVFDLYNLAQKR.R	21
PLOG-3539	proteomics_log	1912478	1912525	-	6	8	R.SGKLDVFDLYNLAQK.R	20
PLOG-3540	proteomics_log	1912556	1912621	-	6	15	R.YLNLLDYSHNVLLASDVEQFAK.K	26
PLOG-3541	proteomics_log	1912556	1912633	-	6	29	K.IFDRYLNLLDYSHNVLLASDVEQFAK.K	30
PLOG-3542	proteomics_log	1912634	1912678	-	6	10	R.SHYRQFDLDQAFSAK.I	19
PLOG-3543	proteomics_log	1912881	1912916	-	4	18	R.VQLNSGMSLIVR.A	16
PLOG-3544	proteomics_log	1912917	1912973	-	4	2	K.AGQNAMDATVLEITKDGVR.V	23
PLOG-3545	proteomics_log	1912917	1912979	-	4	2	K.VKAGQNAMDATVLEITKDGVR.V	25
PLOG-3546	proteomics_log	1912929	1912973	-	4	13	K.AGQNAMDATVLEITK.D	19
PLOG-3547	proteomics_log	1912974	1913057	-	4	4	K.TVKAPREEQHTPVSISALTVGQALKVK.A	32
PLOG-3548	proteomics_log	1913049	1913087	-	4	2	R.AQKPVEKAPKTVK.A	17
PLOG-3549	proteomics_log	1913058	1913087	-	4	55	R.AQKPVEKAPK.T	14
PLOG-3550	proteomics_log	1913142	1913192	-	4	2	R.EAAATAGEKEDAPRRER.K	21
PLOG-3551	proteomics_log	1913151	1913192	-	4	4	R.EAAATAGEKEDAPR.R	18
PLOG-3552	proteomics_log	1913151	1913198	-	4	23	K.KREAAATAGEKEDAPR.R	20
PLOG-3553	proteomics_log	1913193	1913231	-	4	43	R.VQAQRAEQQAKKR.E	17
PLOG-3554	proteomics_log	1913199	1913231	-	4	36	R.VQAQRAEQQAK.K	15
PLOG-3555	proteomics_log	1913232	1913258	-	4	22	R.KQLEEAKAR.V	13
PLOG-3556	proteomics_log	1913319	1913351	-	4	56	R.YLYGVKPGATR.V	15
PLOG-3557	proteomics_log	1913352	1913384	-	4	3	R.SALRLYTSSWR.Y	15
PLOG-3558	proteomics_log	1913385	1913417	-	4	3	A.GEMNLSKTQLR.S	15
PLOG-3559	proteomics_log	1913385	1913453	-	4	10	K.IGIFQDLVDRVAGEMNLSKTQLR.S	27
PLOG-3560	proteomics_log	1913397	1913423	-	4	5	R.VAGEMNLSK.T	13
PLOG-3561	proteomics_log	1913397	1913453	-	4	14	K.IGIFQDLVDRVAGEMNLSK.T	23
PLOG-3562	proteomics_log	1913424	1913453	-	4	28	K.IGIFQDLVDR.V	14
PLOG-3563	proteomics_log	1913499	1913525	-	4	2	K.EVIAFLAER.F	13
PLOG-3564	proteomics_log	1913499	1913540	-	4	3	K.LNSSKEVIAFLAER.F	18
PLOG-3565	proteomics_log	1913499	1913558	-	4	3	F.M*ENQPKNLSSKEVIAFLAER.F	25
PLOG-3566	proteomics_log	1913658	1913705	-	4	2	K.VLATTDYKFFASVAG.-	20
PLOG-3567	proteomics_log	1913679	1913705	-	4	8	K.VLATTDYKK.F	13
PLOG-3568	proteomics_log	1913679	1913759	-	4	4	R.FTDEDEQGLRQLVAQLEKVLATTDYKK.F	31
PLOG-3569	proteomics_log	1913706	1913759	-	4	10	R.FTDEDEQGLRQLVAQLEK.V	22
PLOG-3570	proteomics_log	1913730	1913759	-	4	32	R.FTDEDEQGLR.Q	14
PLOG-3571	proteomics_log	1913760	1913807	-	4	43	K.NQIIGVLDIDSTVFR.F	20
PLOG-3572	proteomics_log	1913964	1914038	-	4	2	R.LTDINWAGFYLLEDLTLVLPFQK.I	29
PLOG-3573	proteomics_log	1914039	1914116	-	4	4	R.DFNALMAGETSFLATLANTSALLYER.L	30
PLOG-3574	proteomics_log	1914039	1914143	-	4	19	K.TEFYADLNRDFNALMAGETSFLATLANTSALLYER.L	39
PLOG-3575	proteomics_log	1914039	1914152	-	4	4	I.M*NKTEFYADLNRDFNALMAGETSFLATLANTSALLYER.L	43
PLOG-3576	proteomics_log	1914039	1914152	-	4	126	I.MNKTEFYADLNRDFNALMAGETSFLATLANTSALLYER.L	42
PLOG-3577	proteomics_log	1914747	1914794	-	4	2	N.ADQVDIEHYPLFKSLK.H	20
PLOG-3578	proteomics_log	1921407	1921433	-	4	6	K.MSLAPFIER.A	13
PLOG-3579	proteomics_log	1921434	1921493	-	4	2	K.TNAQPISVIQIDDPNNGEK.M	24
PLOG-3580	proteomics_log	1921644	1921670	-	4	14	A.APQVITVSR.F	13
PLOG-3581	proteomics_log	1922772	1922801	-	4	6	K.ITGPKNENIK.T	14
PLOG-3582	proteomics_log	1926383	1926427	-	6	2	K.IFFPDASTAFVFIW.K	19
PLOG-3583	proteomics_log	1927591	1927644	-	5	6	K.LLVPALGGLAGLLVANK.S	22

PLOG-3584	proteomics_log	1928064	1928087	-	4	4	K.AGMAEYQR.R	12
PLOG-3585	proteomics_log	1928070	1928132	-	4	3	R.GKSADIIHYQVSVDCCKAGM*AEY.Q	26
PLOG-3586	proteomics_log	1928133	1928213	-	4	2	G.QADPVAVVSLQDIQKDDKWSVPLTVR.G	31
PLOG-3587	proteomics_log	1928133	1928222	-	4	32	K.IVGQADPVAVVSLQDIQKDDKWSVPLTVR.G	34
PLOG-3588	proteomics_log	1928724	1928753	-	4	3	K.YVVIREGEEK.M	14
PLOG-3589	proteomics_log	1930142	1930165	-	6	24	R.EAVEGAKL.-	12
PLOG-3590	proteomics_log	1930142	1930174	-	6	5	K.LAREAVEGAKL.-	15
PLOG-3591	proteomics_log	1930166	1930252	-	6	2	K.SVLCIGGSWLVPADALEAGDYDRITKLAR.E	33
PLOG-3592	proteomics_log	1930175	1930252	-	6	6	K.SVLCIGGSWLVPADALEAGDYDRITK.L	30
PLOG-3593	proteomics_log	1930271	1930309	-	6	4	R.FCPTGGISPANYR.D	17
PLOG-3594	proteomics_log	1930310	1930348	-	6	154	K.ALQAIAGPFSQVR.F	17
PLOG-3595	proteomics_log	1930322	1930348	-	6	2	K.ALQAIAGPF.S	13
PLOG-3596	proteomics_log	1930391	1930474	-	6	20	K.AATEGTIPLIPGISTVSELMLGMDYGLK.E	32
PLOG-3597	proteomics_log	1930475	1930552	-	6	8	N.PQQLAEVTEAGAQFAISPLTEPLLK.A	30
PLOG-3598	proteomics_log	1930475	1930594	-	6	50	K.EVPEAIVGAGTVLNPQQLAEVTEAGAQFAISPLTEPLLK.A	44
PLOG-3599	proteomics_log	1930475	1930606	-	6	30	R.AIAKEVPEAIVGAGTVLNPQQLAEVTEAGAQFAISPLTEPLLK.A	48
PLOG-3600	proteomics_log	1930607	1930633	-	6	4	R.TECAVDAIR.A	13
PLOG-3601	proteomics_log	1930607	1930654	-	6	2	R.VLEVTLRTECAVDAIR.A	20
PLOG-3602	proteomics_log	1930634	1930654	-	6	4	R.VLEVTLR.T	11
PLOG-3603	proteomics_log	1930679	1930705	-	6	9	K.LEHAVPMAK.A	13
PLOG-3604	proteomics_log	1930679	1930708	-	6	35	K.KLEHAVPM*AK.A	15
PLOG-3605	proteomics_log	1930679	1930708	-	6	93	K.KLEHAVPMAK.A	14
PLOG-3606	proteomics_log	1930679	1930765	-	6	6	K.TSAESILTTGPVVPVIVVKKLEHAVPMAK.A	33
PLOG-3607	proteomics_log	1930706	1930765	-	6	15	K.TSAESILTTGPVVPVIVVKK.L	24
PLOG-3608	proteomics_log	1930706	1930780	-	6	2	L.MKNWK TSAESILTTGPVVPVIVVKK.L	29
PLOG-3609	proteomics_log	1930709	1930765	-	6	346	K.TSAESILTTGPVVPVIVVKK.K	23
PLOG-3610	proteomics_log	1930709	1930780	-	6	2	L.M*KNWK TSAESILTTGPVVPVIVVKK.K	29
PLOG-3611	proteomics_log	1930709	1930780	-	6	93	L.MKNWK TSAESILTTGPVVPVIVVKK.K	28
PLOG-3612	proteomics_log	1933025	1933048	-	6	3	R.GIQALFVR.R	12
PLOG-3613	proteomics_log	1933451	1933483	-	6	13	R.GQYTAGFAQGK.K	15
PLOG-3614	proteomics_log	1933451	1933492	-	6	2	K.TVRGQYTAGFAQGK.K	18
PLOG-3615	proteomics_log	1933727	1933765	-	6	5	R.FANSLFVNNWDNR.T	17
PLOG-3616	proteomics_log	1933766	1933816	-	6	14	R.IDHYLGKETVLNLLALR.F	21
PLOG-3617	proteomics_log	1933913	1933951	-	6	2	K.GLGEAKLNAKPAR.V	17
PLOG-3618	proteomics_log	1934012	1934035	-	6	12	R.LGAMLDQK.N	12
PLOG-3619	proteomics_log	1934084	1934149	-	6	18	R.EALETFMKETIDEGLWDTLSAR.L	26
PLOG-3620	proteomics_log	1934084	1934158	-	6	30	K.VVREALETFMKETIDEGLWDTLSAR.L	29
PLOG-3621	proteomics_log	1934234	1934269	-	6	12	R.RKLLPSLYQLEK.A	16
PLOG-3622	proteomics_log	1935125	1935160	-	6	3	I.SSEYTTGTLKRK.N	16
PLOG-3623	proteomics_log	1938588	1938689	-	4	2	R.VRQCFQWVTVKWWLPNAVAQQVIMWLFVMAATP.R	38
PLOG-3624	proteomics_log	1938883	1938978	-	5	22	K.KGDEFVLMSREM*LDGKREQSLLGVRLRSEG.K	37
PLOG-3625	proteomics_log	1939117	1939182	-	5	6	R.ETRTYDRTAANGFKMTSEM*QQG.E	27
PLOG-3626	proteomics_log	1939681	1939740	-	5	24	K.TSYSEFLSQLANQYASCLK.G.D	24
PLOG-3627	proteomics_log	1939693	1939740	-	5	3	K.TSYSEFLSQLANQYAS.C	20
PLOG-3628	proteomics_log	1939696	1939740	-	5	9	K.TSYSEFLSQLANQYA.S	19
PLOG-3629	proteomics_log	1939699	1939740	-	5	2	K.TSYSEFLSQLANQYA.A	18

PLOG-3630	proteomics_log	1939702	1939740	-	5	3	K.TSYSEFLSQLANQ.Y	17
PLOG-3631	proteomics_log	1939705	1939740	-	5	6	K.TSYSEFLSQLAN.Q	16
PLOG-3632	proteomics_log	1939708	1939740	-	5	2	K.TSYSEFLSQLA.N	15
PLOG-3633	proteomics_log	1939741	1939785	-	5	14	R.M*GTLDPGLGTNIKLGK.T	20
PLOG-3634	proteomics_log	1939741	1939785	-	5	154	R.MGTLDPGLGTNIKLGK.T	19
PLOG-3635	proteomics_log	1939750	1939785	-	5	23	R.M*GTLDPGLGTNIK.L	17
PLOG-3636	proteomics_log	1939750	1939785	-	5	136	R.MGTLDPGLGTNIK.L	16
PLOG-3637	proteomics_log	1939801	1939839	-	5	2	E.PQFRPAVVESVAR.G	17
PLOG-3638	proteomics_log	1939861	1939881	-	5	83	R.TQLVEQK.A	11
PLOG-3639	proteomics_log	1939861	1939896	-	5	32	R.LHEIRTQLVEQK.A	16
PLOG-3640	proteomics_log	1939882	1939962	-	5	2	K.QFGLTPLGHFTVNPEIQPGAQRLHEIR.T	31
PLOG-3641	proteomics_log	1939897	1939962	-	5	177	K.QFGLTPLGHFTVNPEIQPGAQR.L	26
PLOG-3642	proteomics_log	1939897	1940004	-	5	57	K.GYFVFHDAYGYFEKQFGLTPLGHFTVNPEIQPGAQR.L	40
PLOG-3643	proteomics_log	1939963	1939986	-	5	2	H.DAYGYFEK.Q	12
PLOG-3644	proteomics_log	1939963	1940004	-	5	208	K.GYFVFHDAYGYFEK.Q	18
PLOG-3645	proteomics_log	1939993	1940097	-	5	4	R.AKLDANLKDFAEQLASTETQVGNELAPLKGKGYFV.F	39
PLOG-3646	proteomics_log	1940005	1940073	-	5	2	K.DFAEQLASTETQVGNELAPLKGK.G	27
PLOG-3647	proteomics_log	1940005	1940091	-	5	52	K.LDANLKDFAEQLASTETQVGNELAPLKGK.G	33
PLOG-3648	proteomics_log	1940005	1940097	-	5	226	R.AKLDANLKDFAEQLASTETQVGNELAPLKGK.G	35
PLOG-3649	proteomics_log	1940011	1940097	-	5	51	R.AKLDANLKDFAEQLASTETQVGNELAPLKGK.G	33
PLOG-3650	proteomics_log	1940098	1940124	-	5	14	K.LVELM*PQSR.A	14
PLOG-3651	proteomics_log	1940098	1940124	-	5	87	K.LVELMPQSR.A	13
PLOG-3652	proteomics_log	1940098	1940151	-	5	10	R.ATAVAIHGKLVELM*PQSR.A	23
PLOG-3653	proteomics_log	1940098	1940151	-	5	101	R.ATAVAIHGKLVELMPQSR.A	22
PLOG-3654	proteomics_log	1940125	1940151	-	5	192	R.ATAVAIHGK.L	13
PLOG-3655	proteomics_log	1940152	1940217	-	5	4	K.SDEDHHHGDFNMHLWLSPEIAR.A	26
PLOG-3656	proteomics_log	1940218	1940259	-	5	18	K.SIHGDDDDHDHAEK.S	18
PLOG-3657	proteomics_log	1940260	1940307	-	5	12	K.QVTIAQLEDVKPLLM*K.S	21
PLOG-3658	proteomics_log	1940260	1940307	-	5	270	K.QVTIAQLEDVKPLLMK.S	20
PLOG-3659	proteomics_log	1940260	1940322	-	5	2	K.LPGAKQVTIAQLEDVKPLLM*K.S	26
PLOG-3660	proteomics_log	1940260	1940322	-	5	56	K.LPGAKQVTIAQLEDVKPLLMK.S	25
PLOG-3661	proteomics_log	1940269	1940307	-	5	3	K.QVTIAQLEDVKPL.L	17
PLOG-3662	proteomics_log	1940308	1940394	-	5	3	R.LQNADLVVVVWGPEM*EAFM*QKPVSKLPGAK.Q	35
PLOG-3663	proteomics_log	1940308	1940394	-	5	40	R.LQNADLVVVVWGPEMEAFM*QKPVSKLPGAK.Q	33
PLOG-3664	proteomics_log	1940308	1940397	-	5	2	K.RLQNADLVVVVWGPEM*EAFM*QKPVSKLPGAK.Q	36
PLOG-3665	proteomics_log	1940308	1940397	-	5	66	K.RLQNADLVVVVWGPEMEAFM*QKPVSKLPGAK.Q	34
PLOG-3666	proteomics_log	1940323	1940394	-	5	54	R.LQNADLVVVVWGPEMEAFM*QKPVSK.L	28
PLOG-3667	proteomics_log	1940323	1940397	-	5	55	K.RLQNADLVVVVWGPEMEAFM*QKPVSK.L	29
PLOG-3668	proteomics_log	1940395	1940469	-	5	3	V.TETEVLDPDGASEHDYSLRPSDVKR.L	29
PLOG-3669	proteomics_log	1940395	1940529	-	5	167	A.AVVASLKPVGFIASAIADGVTETEVLLPDGASEHDYSLRPSDVKR.L	49
PLOG-3670	proteomics_log	1940398	1940529	-	5	245	A.AVVASLKPVGFIASAIADGVTETEVLLPDGASEHDYSLRPSDVKR.R	48
PLOG-3671	proteomics_log	1943030	1943101	-	6	2	K.AGDLAAMLNLEPHDVLFIIDEIHR.L	28
PLOG-3672	proteomics_log	1943177	1943233	-	6	2	K.LRGDALDHLLIFGPPGLGK.T	23
PLOG-3673	proteomics_log	1943665	1943748	-	5	4	K.LALAILSGMSAQQFVNAVEREEV GALVK.L	32
PLOG-3674	proteomics_log	1945146	1945178	-	4	2	N.ADSALKLGQAR.G	15
PLOG-3675	proteomics_log	1945438	1945521	-	5	5	R.LIDMLEDCDDVQEVYHNGEISDEVAATL.-	32

PLOG-3676	proteomics_log	1945531	1945560	-	5	13	K.ADM*DAETAPK.L	15
PLOG-3677	proteomics_log	1945531	1945560	-	5	40	K.ADMAETAPK.L	14
PLOG-3678	proteomics_log	1945561	1945599	-	5	3	K.ADSAEVSM*IPSTK.A	18
PLOG-3679	proteomics_log	1945561	1945626	-	5	2	R.DALEAAGLKADSAEVSMIPSTK.A	26
PLOG-3680	proteomics_log	1945768	1945818	-	5	3	K.CGGNLGTDGSVAYLFSK.K	21
PLOG-3681	proteomics_log	1945972	1946025	-	5	2	R.AAVDKALSNNMTRDTLNR.A	22
PLOG-3682	proteomics_log	1945987	1946025	-	5	6	R.AAVDKALSNNM*TR.D	18
PLOG-3683	proteomics_log	1945987	1946025	-	5	222	R.AAVDKALSNNMTR.D	17
PLOG-3684	proteomics_log	1946026	1946094	-	5	4	K.IIRELVTAAKLGGGDPDANPRLR.A	27
PLOG-3685	proteomics_log	1946032	1946064	-	5	181	K.LGGGDPDANPR.L	15
PLOG-3686	proteomics_log	1946032	1946076	-	5	8	V.TAAKLGGGDPDANPR.L	19
PLOG-3687	proteomics_log	1946032	1946094	-	5	39	K.IIRELVTAAKLGGGDPDANPR.L	25
PLOG-3688	proteomics_log	1946065	1946094	-	5	58	K.IIRELVTAAK.L	14
PLOG-3689	proteomics_log	1946143	1946172	-	5	7	M.AGHSKWANTR.H	14
PLOG-3690	proteomics_log	1946981	1947007	-	6	30	K.FGFLLDALK.Y	13
PLOG-3691	proteomics_log	1946981	1947079	-	6	4	R.IHNGDMQQTVFGILGINEEEQREKFGFLLDALK.Y	37
PLOG-3692	proteomics_log	1947008	1947079	-	6	16	R.IHNGDMQQTVFGILGINEEEQREK.F	28
PLOG-3693	proteomics_log	1947080	1947157	-	6	3	K.AAPENAVANAYDM*VINGYEVGGGSVR.I	31
PLOG-3694	proteomics_log	1947080	1947157	-	6	48	K.AAPENAVANAYDMVINGYEVGGGSVR.I	30
PLOG-3695	proteomics_log	1947182	1947274	-	6	23	K.WAPLWVIDFPMFEDDGEGGLTAMHHPFTSPK.D	35
PLOG-3696	proteomics_log	1947275	1947310	-	6	8	K.VGKDLGLTDESK.W	16
PLOG-3697	proteomics_log	1947275	1947316	-	6	2	R.LKVGKDLGLTDESK.W	18
PLOG-3698	proteomics_log	1947317	1947346	-	6	19	K.IVADAMGALR.L	14
PLOG-3699	proteomics_log	1947317	1947397	-	6	6	R.TAAQDGDMIFFGADNKKIVADAMGALR.L	31
PLOG-3700	proteomics_log	1947317	1947436	-	6	9	K.FLNAEIIEDILDRATAAQDGDMIFFGADNKKIVADAMGALR.L	44
PLOG-3701	proteomics_log	1947347	1947436	-	6	3	K.FLNAEIIEDILDRATAAQDGDMIFFGADNKK.I	35
PLOG-3702	proteomics_log	1947347	1947436	-	6	137	K.FLNAEIIEDILDRATAAQDGDMIFFGADNKK.I	34
PLOG-3703	proteomics_log	1947350	1947436	-	6	6	K.FLNAEIIEDILDRATAAQDGDMIFFGADNK.K	33
PLOG-3704	proteomics_log	1947398	1947436	-	6	103	K.FLNAEIIEDILDR.T	17
PLOG-3705	proteomics_log	1947437	1947469	-	6	7	K.GLEGINSPVAK.F	15
PLOG-3706	proteomics_log	1947437	1947475	-	6	114	R.AKGLGINSPVAK.F	17
PLOG-3707	proteomics_log	1947476	1947505	-	6	70	K.GLAYIKVNER.A	14
PLOG-3708	proteomics_log	1947506	1947553	-	6	3	R.KQIDEYGNFVKIYGAK.G	20
PLOG-3709	proteomics_log	1947521	1947553	-	6	15	R.KQIDEYGNFVK.I	15
PLOG-3710	proteomics_log	1947551	1947595	-	6	6	R.VAALRVPGGASLTK.Q	19
PLOG-3711	proteomics_log	1947554	1947595	-	6	91	R.VAALRVPGGASLTK.K	18
PLOG-3712	proteomics_log	1947602	1947646	-	6	8	K.SVEFAVFAGPANDPK.G	19
PLOG-3713	proteomics_log	1947647	1947685	-	6	3	R.NPMELTDVADLLK.S	17
PLOG-3714	proteomics_log	1947647	1947712	-	6	58	R.YGSDKPDLRNPMELTDVADLLK.S	26
PLOG-3715	proteomics_log	1947647	1947715	-	6	4	R.RYGSDKPDLRNPMELTDVADLLK.S	27
PLOG-3716	proteomics_log	1947716	1947766	-	6	28	K.GVDLGDFFVMTFAEAER.R	21
PLOG-3717	proteomics_log	1947767	1947787	-	6	10	R.HLWLEVK.G	11
PLOG-3718	proteomics_log	1947953	1947988	-	6	6	K.FYALPQSPQLFK.Q	16
PLOG-3719	proteomics_log	1948046	1948096	-	6	2	R.FMDDHGFLDIETPM*LTK.A	22
PLOG-3720	proteomics_log	1948046	1948096	-	6	2	R.FM*DDHGFLDIETPM*LTK.A	23
PLOG-3721	proteomics_log	1948046	1948096	-	6	134	R.FMDDHGFLDIETPMLTK.A	21

PLOG-3722	proteomics_log	1948046	1948099	-	6	129	R.RFMDDHGFLDIETPMLTK.A	22
PLOG-3723	proteomics_log	1948097	1948123	-	6	7	R.AKITSLVRR.F	13
PLOG-3724	proteomics_log	1948184	1948291	-	6	3	R.DMATGEIEVLASSLTIINRADVLPDLSNHVNTTEAR.L	40
PLOG-3725	proteomics_log	1951696	1951716	-	5	8	L.RISVSMR.L	11
PLOG-3726	proteomics_log	1953340	1953381	-	5	4	E.LLKPGGKEIYTEGK.D	18
PLOG-3727	proteomics_log	1956976	1957041	-	5	2	R.ELGFPLVTVGLDVGNDVMPR.M	26
PLOG-3728	proteomics_log	1956976	1957041	-	5	2	R.ELGFPLVTVGLDVGNDVDM*PR.M	27
PLOG-3729	proteomics_log	1957433	1957486	-	6	12	R.ALALLSDEGLSLPGISVK.T	22
PLOG-3730	proteomics_log	1957784	1957867	-	6	3	M.ANWQSIDELQDIASDLPRFIHALDELSR.R	32
PLOG-3731	proteomics_log	1957814	1957867	-	6	4	M.ANWQSIDELQDIASDLPR.F	22
PLOG-3732	proteomics_log	1964420	1964476	-	6	24	K.AGVVASQDQVDDLLDSLGF.-	23
PLOG-3733	proteomics_log	1964525	1964578	-	6	6	R.QLLMVLLLENIPQESRPK.R	22
PLOG-3734	proteomics_log	1964525	1964608	-	6	6	R.MMDVIQEIQRLLMVLLLENIPQESRPK.R	32
PLOG-3735	proteomics_log	1964609	1964716	-	6	9	R.QFLADVPAHTSFTNAQLLEIMMAQDFQDLTGQVIKR.M	40
PLOG-3736	proteomics_log	1964738	1964782	-	6	11	R.WDDWFADPIDLADAR.E	19
PLOG-3737	proteomics_log	1964807	1964857	-	6	4	R.ALNSVEASQPHQDQMEK.S	21
PLOG-3738	proteomics_log	1964906	1964962	-	6	5	R.ELGLDQAIATAEAIPDAR.D	23
PLOG-3739	proteomics_log	1965002	1965061	-	6	7	T.MMQPSIKPADEHSAGDIIAR.I	24
PLOG-3740	proteomics_log	1965189	1965242	-	4	4	R.ADGAMSALPVLMTAEAK.K	22
PLOG-3741	proteomics_log	1965408	1965440	-	4	9	K.FLVVDDFSTMR.R	15
PLOG-3742	proteomics_log	1965408	1965458	-	4	4	M.ADKELKFLVVDDFSTMR.R	21
PLOG-3743	proteomics_log	1965641	1965736	-	6	3	L.FHSVAKQAGRNAVGVILTGMGNDGAAGMLAMR.Q	36
PLOG-3744	proteomics_log	1966241	1966306	-	6	3	R.LRPMPVVMVSSLTGKGSEVTLR.A	26
PLOG-3745	proteomics_log	1967668	1967721	-	5	20	K.LVNNAATMIDIVSSVTR.V	22
PLOG-3746	proteomics_log	1967668	1967766	-	5	3	K.GLIEESVNRVQQGSKLVNNAATMIDIVSSVTR.V	37
PLOG-3747	proteomics_log	1967767	1967793	-	5	16	R.SAQAAKEIK.G	13
PLOG-3748	proteomics_log	1967767	1967793	-	5	16	R.SAQAAKEIK.G	13
PLOG-3749	proteomics_log	1967794	1967838	-	5	6	R.GFAVVAGEVRNLASR.S	19
PLOG-3750	proteomics_log	1967794	1967838	-	5	6	R.GFAVVAGEVRNLASR.S	19
PLOG-3751	proteomics_log	1967794	1967856	-	5	2	R.AGEQGRGFVVAGEVRNLASR.S	25
PLOG-3752	proteomics_log	1967794	1967856	-	5	2	R.AGEQGRGFVVAGEVRNLASR.S	25
PLOG-3753	proteomics_log	1967794	1967877	-	5	2	N.AAVEAARAGEQGRGFVVAGEVRNLASR.S	32
PLOG-3754	proteomics_log	1967794	1967877	-	5	2	N.AAVEAARAGEQGRGFVVAGEVRNLASR.S	32
PLOG-3755	proteomics_log	1967809	1967838	-	5	46	R.GFAVVAGEVR.N	14
PLOG-3756	proteomics_log	1967809	1967838	-	5	46	R.GFAVVAGEVR.N	14
PLOG-3757	proteomics_log	1967809	1967838	-	5	46	R.GFAVVAGEVR.N	14
PLOG-3758	proteomics_log	1967809	1967838	-	5	46	R.GFAVVAGEVR.N	14
PLOG-3759	proteomics_log	1967809	1967856	-	5	15	R.AGEQGRGFVVAGEVR.N	20
PLOG-3760	proteomics_log	1967809	1967856	-	5	15	R.AGEQGRGFVVAGEVR.N	20
PLOG-3761	proteomics_log	1967809	1967856	-	5	15	R.AGEQGRGFVVAGEVR.N	20
PLOG-3762	proteomics_log	1967857	1967940	-	5	17	K.IGDIISVIDGIAFQTNILALNAAVEAAR.A	32
PLOG-3763	proteomics_log	1969057	1969095	-	5	19	R.LRIAEQDPNWETF.-	17
PLOG-3764	proteomics_log	1969096	1969173	-	5	40	R.LAASPLTNKPTPSRPAEQPPAQPR.L	30
PLOG-3765	proteomics_log	1969174	1969200	-	5	21	R.LTQAVSAFR.L	13
PLOG-3766	proteomics_log	1969174	1969275	-	5	4	R.VTQQNASLVQESAAAAAALEEASRLTQAVSAFR.L	38
PLOG-3767	proteomics_log	1969201	1969275	-	5	4	R.VTQQNASLVQESAAAAAALEEASR.L	29



PLOG-3768	proteomics_log	1969201	1969317	-	5	2	R.GIDQVALAVSEM*DRVVTQQNASLVQESAAAAAALEEQASR.L	44
PLOG-3769	proteomics_log	1969201	1969317	-	5	2	R.GIDQVALAVSEMDRVVTQQNASLVQESAAAAAALEEQASR.L	43
PLOG-3770	proteomics_log	1969276	1969317	-	5	4	R.GIDQVALAVSEMDR.V	18
PLOG-3771	proteomics_log	1969318	1969368	-	5	2	R.VTDIM*GEIASASDEQSR.G	22
PLOG-3772	proteomics_log	1969318	1969368	-	5	23	R.VTDIMGEIASASDEQSR.G	21
PLOG-3773	proteomics_log	1969318	1969368	-	5	2	R.VTDIM*GEIASASDEQSR.G	22
PLOG-3774	proteomics_log	1969318	1969368	-	5	23	R.VTDIMGEIASASDEQSR.G	21
PLOG-3775	proteomics_log	1969318	1969440	-	5	4	R.VDTGSVLVESAGETMNNIVNAVTRVTDIMGEIASASDEQSR.G	45
PLOG-3776	proteomics_log	1969369	1969440	-	5	2	R.VDTGSVLVESAGETM*NINIVNAVTR.V	29
PLOG-3777	proteomics_log	1969369	1969440	-	5	53	R.VDTGSVLVESAGETMNNIVNAVTR.V	28
PLOG-3778	proteomics_log	1969369	1969467	-	5	37	K.ALIEDSVSRVDTGSVLVESAGETMNNIVNAVTR.V	37
PLOG-3779	proteomics_log	1969369	1969494	-	5	29	R.SAQAAKEIKALIEDSVSRVDTGSVLVESAGETMNNIVNAVTR.V	46
PLOG-3780	proteomics_log	1969441	1969494	-	5	28	R.SAQAAKEIKALIEDSVSR.V	22
PLOG-3781	proteomics_log	1969468	1969494	-	5	16	R.SAQAAKEIK.G	13
PLOG-3782	proteomics_log	1969468	1969494	-	5	16	R.SAQAAKEIK.G	13
PLOG-3783	proteomics_log	1969495	1969539	-	5	6	R.GFAVVAGEVRNLASR.S	19
PLOG-3784	proteomics_log	1969495	1969539	-	5	6	R.GFAVVAGEVRNLASR.S	19
PLOG-3785	proteomics_log	1969495	1969557	-	5	2	R.AGEQGRGFVVAGEVRNLASR.S	25
PLOG-3786	proteomics_log	1969495	1969557	-	5	2	R.AGEQGRGFVVAGEVRNLASR.S	25
PLOG-3787	proteomics_log	1969495	1969578	-	5	2	N.AAVEAARAGEQGRGFVVAGEVRNLASR.S	32
PLOG-3788	proteomics_log	1969495	1969578	-	5	2	N.AAVEAARAGEQGRGFVVAGEVRNLASR.S	32
PLOG-3789	proteomics_log	1969510	1969539	-	5	46	R.GFAVVAGEVR.N	14
PLOG-3790	proteomics_log	1969510	1969539	-	5	46	R.GFAVVAGEVR.N	14
PLOG-3791	proteomics_log	1969510	1969539	-	5	46	R.GFAVVAGEVR.N	14
PLOG-3792	proteomics_log	1969510	1969539	-	5	46	R.GFAVVAGEVR.N	14
PLOG-3793	proteomics_log	1969510	1969557	-	5	15	R.AGEQGRGFVVAGEVR.N	20
PLOG-3794	proteomics_log	1969510	1969557	-	5	15	R.AGEQGRGFVVAGEVR.N	20
PLOG-3795	proteomics_log	1969510	1969557	-	5	15	R.AGEQGRGFVVAGEVR.N	20
PLOG-3796	proteomics_log	1969540	1969641	-	5	33	K.IADIISVIDGIAFQTNILALNAAVEAARAGEQGR.G	38
PLOG-3797	proteomics_log	1969540	1969641	-	5	33	K.IADIISVIDGIAFQTNILALNAAVEAARAGEQGR.G	38
PLOG-3798	proteomics_log	1969540	1969644	-	5	8	K.KIADIISVIDGIAFQTNILALNAAVEAARAGEQGR.G	39
PLOG-3799	proteomics_log	1969540	1969644	-	5	8	K.KIADIISVIDGIAFQTNILALNAAVEAARAGEQGR.G	39
PLOG-3800	proteomics_log	1969558	1969641	-	5	184	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PLOG-3801	proteomics_log	1969558	1969641	-	5	184	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PLOG-3802	proteomics_log	1969558	1969644	-	5	64	K.KIADIISVIDGIAFQTNILALNAAVEAAR.A	33
PLOG-3803	proteomics_log	1969558	1969644	-	5	64	K.KIADIISVIDGIAFQTNILALNAAVEAAR.A	33
PLOG-3804	proteomics_log	1969558	1969674	-	5	4	K.TMHEIADSSKKIADIISVIDGIAFQTNILALNAAVEAAR.A	43
PLOG-3805	proteomics_log	1969642	1969674	-	5	11	K.TMHEIADSSKK.I	15
PLOG-3806	proteomics_log	1969645	1969674	-	5	7	K.TMHEIADSSK.K	14
PLOG-3807	proteomics_log	1969696	1969749	-	5	18	R.QASQLAQSASDTAQHGK.V	22
PLOG-3808	proteomics_log	1969840	1969875	-	5	10	R.EIAAGNTDLSSR.T	16
PLOG-3809	proteomics_log	1969876	1969908	-	5	2	R.EGSDAIYAGTR.E	15
PLOG-3810	proteomics_log	1969876	1969938	-	5	15	R.SLTDTVTHVREGSDAIYAGTR.E	25
PLOG-3811	proteomics_log	1969909	1969938	-	5	20	R.SLTDTVTHVR.E	14
PLOG-3812	proteomics_log	1970353	1970391	-	5	6	K.SMAPLPEMVATSR.N	17
PLOG-3813	proteomics_log	1970398	1970430	-	5	3	K.TLAQAATHYKK.F	15

PLOG-3814	proteomics_log	1970458	1970496	-	5	5	R.MMMDSSNQSNQSNAK.V	17
PLOG-3815	proteomics_log	1970863	1970916	-	5	8	K.LLNSEEMALLDSAASEVA.-	22
PLOG-3816	proteomics_log	1970863	1970943	-	5	25	R.MLILVNIIEKLLNSEEMALLDSAASEVA.-	31
PLOG-3817	proteomics_log	1970917	1970943	-	5	3	R.MLILVNIIEK.L	13
PLOG-3818	proteomics_log	1971223	1971258	-	5	2	K.VQEIRGYDQVTR.I	16
PLOG-3819	proteomics_log	1971223	1971336	-	5	2	K.LASEPSGQEFVFTLGDEEYGIDILKVQEIRGYDQVTR.I	42
PLOG-3820	proteomics_log	1971259	1971336	-	5	5	K.LASEPSGQEFVFTLGDEEYGIDILK.V	30
PLOG-3821	proteomics_log	1971337	1971360	-	5	18	M.TGMTNVTK.L	12
PLOG-3822	proteomics_log	1971405	1971503	-	4	4	R.KVPGISAATILGDGSVALIVDVSALQAINREQR.M	37
PLOG-3823	proteomics_log	1971504	1971575	-	4	2	R.YALLVDQLIGQHQQVVVKNLESNYR.K	28
PLOG-3824	proteomics_log	1971651	1971683	-	4	2	R.GEYLPIVELWK.V	15
PLOG-3825	proteomics_log	1971699	1971734	-	4	5	R.EADLHPLAGGER.V	16
PLOG-3826	proteomics_log	1971735	1971794	-	4	45	R.VADEVFILPLNAVMEQLQPR.E	24
PLOG-3827	proteomics_log	1971795	1971842	-	4	2	R.ILLPLTLAILDGM*SVR.V	21
PLOG-3828	proteomics_log	1971795	1971842	-	4	57	R.ILLPLTLAILDGMSVR.V	20
PLOG-3829	proteomics_log	1971867	1971896	-	4	13	K.MGGHVEIQSK.Q	14
PLOG-3830	proteomics_log	1971909	1971935	-	4	4	R.GVGMDVVKR.N	13
PLOG-3831	proteomics_log	1972173	1972211	-	4	7	R.NSLDHGIELPEKR.L	17
PLOG-3832	proteomics_log	1972173	1972241	-	4	2	R.IIDPLTHLVRNSLDHGIELPEKR.L	27
PLOG-3833	proteomics_log	1972212	1972241	-	4	22	R.IIDPLTHLVR.N	14
PLOG-3834	proteomics_log	1972242	1972325	-	4	10	R.DLAGKLGKQVELTLVGSSTELDKSLIER.I	32
PLOG-3835	proteomics_log	1972242	1972334	-	4	8	R.LVRDLAGKLGKQVELTLVGSSTELDKSLIER.I	35
PLOG-3836	proteomics_log	1972374	1972403	-	4	22	R.DLQESVMSIR.M	14
PLOG-3837	proteomics_log	1972413	1972475	-	4	3	R.SSELDPVNHGDLITSMGQLQR.N	25
PLOG-3838	proteomics_log	1972476	1972538	-	4	4	K.VDQLINLVGELVITQSMLAQR.S	25
PLOG-3839	proteomics_log	1972476	1972553	-	4	9	R.VAVEKVDQLINLVGELVITQSM*LAQR.S	31
PLOG-3840	proteomics_log	1972476	1972553	-	4	23	R.VAVEKVDQLINLVGELVITQSMLAQR.S	30
PLOG-3841	proteomics_log	1972476	1972577	-	4	26	R.SNESTSIRVAVEKVDQLINLVGELVITQSMLAQR.S	38
PLOG-3842	proteomics_log	1972779	1972850	-	4	12	R.LKAGEVDLLEELGHLTTLTDVVK.G	28
PLOG-3843	proteomics_log	1973064	1973114	-	4	2	R.GEMQLNTDIINLFLETK.D	21
PLOG-3844	proteomics_log	1973118	1973195	-	4	15	K.GGAGTFGFSVLQETTHLMENLLDEAR.R	30
PLOG-3845	proteomics_log	1973118	1973213	-	4	2	R.AAHSIKGGAGTFGFSVLQETTHLMENLLDEAR.R	36
PLOG-3846	proteomics_log	1973833	1973880	-	5	2	R.ALRPHLKIDLQEGLR.I	20
PLOG-3847	proteomics_log	1974279	1974320	-	4	11	R.AVKNPQQQTTEEA.-	18
PLOG-3848	proteomics_log	1974279	1974320	-	4	11	R.AVKNPQQQTTEEA.-	18
PLOG-3849	proteomics_log	1978392	1978529	-	4	4	K.EYVAAQDPANPGVLVLSQFAGAANELTSALIVNPYDRDEVAALDR.A	50
PLOG-3850	proteomics_log	1978677	1978703	-	4	2	R.HQLENEAGR.I	13
PLOG-3851	proteomics_log	1979211	1979312	-	4	2	R.VNALLADKLLPLLQDDDIWIHDYHLLPFAHELK.K	38
PLOG-3852	proteomics_log	1979538	1979606	-	4	3	R.IAPPDEHAASAGGLAVGILGALK.A	27
PLOG-3853	proteomics_log	1979662	1979724	-	5	16	R.LAGVPDVSWSLEMITTALQQK.R	25
PLOG-3854	proteomics_log	1983358	1983417	-	5	2	K.AADIIGINGVDVAVSELSK.A	24
PLOG-3855	proteomics_log	1983796	1983831	-	5	3	K.VIAVDDQFVNAK.G	16
PLOG-3856	proteomics_log	1985663	1985779	-	6	2	M.SQPLNADQELVSDVVACQLVIKQILDVLDVIAPVEVREK.M	43
PLOG-3857	proteomics_log	1985669	1985713	-	6	64	K.QILDVLDVIAPVEVR.E	19
PLOG-3858	proteomics_log	1989179	1989274	-	6	4	R.GVALSDWSTLPDSLKPALEAIALHGTEENFER.V	36
PLOG-3859	proteomics_log	1989332	1989376	-	6	2	R.LNEFPEQFEPLFGLR.E	19

PLOG-3860	proteomics_log	1989332	1989421	-	6	12	R.FMNLAFQHMADTAERLNEFPEQFEPLFGLR.E	34
PLOG-3861	proteomics_log	1989584	1989637	-	6	3	K.TGPLNESELEWLDDILTK.Y	22
PLOG-3862	proteomics_log	1991594	1991623	-	6	2	K.LSQQSTVHQR.L	14
PLOG-3863	proteomics_log	1993036	1993071	-	5	3	K.GAAPQEVVSAIR.S	16
PLOG-3864	proteomics_log	1993180	1993251	-	5	5	R.TNAVDVVLMDMSMPGIGGLEATRK.I	28
PLOG-3865	proteomics_log	1995122	1995151	-	6	7	K.ALFADPEQPR.T	14
PLOG-3866	proteomics_log	1995152	1995175	-	6	2	R.IVEQGAAG.A	12
PLOG-3867	proteomics_log	1995176	1995205	-	6	2	A.DRAIFM*DQGR.I	15
PLOG-3868	proteomics_log	1995215	1995253	-	6	7	R.TMVIVTHEMSFAR.D	17
PLOG-3869	proteomics_log	1995254	1995367	-	6	14	R.ALAM*RPEVILFDEPTSALDPELVGEVLNTRQLAQEK.R	43
PLOG-3870	proteomics_log	1995257	1995367	-	6	2	R.ALAM*RPEVILFDEPTSALDPELVGEVLNTRQLAQEK.R	42
PLOG-3871	proteomics_log	1995275	1995358	-	6	2	A.MRPEVILFDEPTSALDPELVGEVLNTR.Q	32
PLOG-3872	proteomics_log	1995275	1995367	-	6	14	R.ALAM*RPEVILFDEPTSALDPELVGEVLNTR.Q	36
PLOG-3873	proteomics_log	1995275	1995367	-	6	152	R.ALAMRPEVILFDEPTSALDPELVGEVLNTR.Q	35
PLOG-3874	proteomics_log	1995383	1995409	-	6	7	R.RLSGGQQQR.V	13
PLOG-3875	proteomics_log	1995410	1995445	-	6	6	K.VGLAGKETSYP.R	16
PLOG-3876	proteomics_log	1995467	1995538	-	6	7	R.TVLENIIEGPVIVKGEPEKEATAR.A	28
PLOG-3877	proteomics_log	1995539	1995586	-	6	3	R.QHVGFFVQNFNLFPHR.T	20
PLOG-3878	proteomics_log	1995626	1995697	-	6	23	R.SINLLEQPEAGTITVGDITIDTAR.S	28
PLOG-3879	proteomics_log	1996521	1996595	-	4	121	R.FKDEGPILFIHTGGAPALFAYHPHV.-	29
PLOG-3880	proteomics_log	1996596	1996634	-	4	7	K.AMAGLIDGISQKR.F	17
PLOG-3881	proteomics_log	1996599	1996634	-	4	10	K.AMAGLIDGISQK.R	16
PLOG-3882	proteomics_log	1996635	1996673	-	4	68	R.LEGILLDPVYTGK.A	17
PLOG-3883	proteomics_log	1996785	1996814	-	4	20	K.VVNLQQAIAK.E	14
PLOG-3884	proteomics_log	1997259	1997345	-	4	39	R.KLEFLAADALREGADTLITAGAIQSNHVR.Q	33
PLOG-3885	proteomics_log	1997313	1997345	-	4	28	R.KLEFLAADALR.E	15
PLOG-3886	proteomics_log	1997427	1997471	-	4	129	R.LEFIGAPTPLYLPR.F	19
PLOG-3887	proteomics_log	1997427	1997501	-	4	2	M.PLHNLTRFPRLEFIGAPTPLYLPR.F	29
PLOG-3888	proteomics_log	1997439	1997471	-	4	2	R.LEFIGAPTPLY.Y	15
PLOG-3889	proteomics_log	1997612	1997635	-	6	2	K.WFGADVTK.-	12
PLOG-3890	proteomics_log	1997612	1997665	-	6	32	K.DGTLQALSEKWFGADVTK.-	22
PLOG-3891	proteomics_log	1997612	1997698	-	6	126	K.AVNDAIAEMQKDGTLQALSEKWFGADVTK.-	33
PLOG-3892	proteomics_log	1997612	1997719	-	6	5	K.GNEDLLKAVNDAIAEMQKDGTLQALSEKWFGADVTK.-	40
PLOG-3893	proteomics_log	1997612	1997722	-	6	11	R.KGNEDLLKAVNDAIAEMQKDGTLQALSEKWFGADVTK.-	41
PLOG-3894	proteomics_log	1997636	1997665	-	6	31	K.DGTLQALSEK.W	14
PLOG-3895	proteomics_log	1997636	1997698	-	6	24	K.AVNDAIAEMQKDGTLQALSEK.W	25
PLOG-3896	proteomics_log	1997636	1997722	-	6	18	R.KGNEDLLKAVNDAIAEMQKDGTLQALSEK.W	33
PLOG-3897	proteomics_log	1997666	1997698	-	6	2	K.AVNDAIAEM*QK.D	16
PLOG-3898	proteomics_log	1997666	1997698	-	6	9	K.AVNDAIAEMQK.D	15
PLOG-3899	proteomics_log	1997666	1997722	-	6	3	R.KGNEDLLKAVNDAIAEMQK.D	23
PLOG-3900	proteomics_log	1997699	1997791	-	6	2	K.KTNDTLAVTGEAFSRQESGVALRKGNEDLLK.A	35
PLOG-3901	proteomics_log	1997723	1997815	-	6	3	R.LAALDLVKKTNDTLAVTGEAFSRQESGVALR.K	35
PLOG-3902	proteomics_log	1997747	1997788	-	6	33	K.TNDTLAVTGEAFSR.Q	18
PLOG-3903	proteomics_log	1997747	1997791	-	6	21	K.KTNDTLAVTGEAFSR.Q	19
PLOG-3904	proteomics_log	1997747	1997815	-	6	148	R.LAALDLVKKTNDTLAVTGEAFSR.Q	27
PLOG-3905	proteomics_log	1997747	1997839	-	6	5	R.IDAILVDRLAALDLVKKTNDTLAVTGEAFSR.Q	35

PLOG-3906	proteomics_log	1997747	1997848	-	6	12	R.VGRIDAILVDRLAALDLVKKTNDTLAVTGEAFSR.Q	38
PLOG-3907	proteomics_log	1997789	1997815	-	6	20	R.LAALDLVKK.T	13
PLOG-3908	proteomics_log	1997789	1997839	-	6	2	R.IDAILVDRLAALDLVKK.T	21
PLOG-3909	proteomics_log	1997789	1997848	-	6	4	R.VGRIDAILVDRLAALDLVKK.T	24
PLOG-3910	proteomics_log	1997792	1997815	-	6	21	R.LAALDLVK.K	12
PLOG-3911	proteomics_log	1997792	1997839	-	6	12	R.IDAILVDRLAALDLVK.K	20
PLOG-3912	proteomics_log	1997792	1997848	-	6	20	R.VGRIDAILVDRLAALDLVK.K	23
PLOG-3913	proteomics_log	1997816	1997839	-	6	93	R.IDAILVDR.L	12
PLOG-3914	proteomics_log	1997816	1997848	-	6	58	R.VGRIDAILVDR.L	15
PLOG-3915	proteomics_log	1997849	1997887	-	6	73	R.TYDDDPKYQDLR.V	17
PLOG-3916	proteomics_log	1997888	1997914	-	6	50	R.QNVQGVQDVR.T	13
PLOG-3917	proteomics_log	1997888	1997956	-	6	54	K.VGVGLGTNYEEWLRQNVQGVQDVR.T	27
PLOG-3918	proteomics_log	1997888	1997959	-	6	3	K.KVGVGLGTNYEEWLRQNVQGVQDVR.T	28
PLOG-3919	proteomics_log	1997915	1997956	-	6	11	K.VGVGLGTNYEEWLR.Q	18
PLOG-3920	proteomics_log	1997915	1997959	-	6	2	K.KVGVGLGTNYEEWLR.Q	19
PLOG-3921	proteomics_log	1997957	1997983	-	6	15	K.TADDLKGKK.V	13
PLOG-3922	proteomics_log	1997957	1998007	-	6	2	K.KGNEGTIKTADDLKGKK.V	21
PLOG-3923	proteomics_log	1997960	1998007	-	6	6	K.KGNEGTIKTADDLKGKK.K	20
PLOG-3924	proteomics_log	1998008	1998058	-	6	27	K.YDFSTPYTISGIQALVK.K	21
PLOG-3925	proteomics_log	1998008	1998061	-	6	11	K.KYDFSTPYTISGIQALVK.K	22
PLOG-3926	proteomics_log	1998008	1998064	-	6	2	K.KKYDFSTPYTISGIQALVK.K	23
PLOG-3927	proteomics_log	1998062	1998112	-	6	2	K.RIDVWINQVTISDERKK.K	21
PLOG-3928	proteomics_log	1998065	1998112	-	6	2	K.RIDVWINQVTISDERK.K	20
PLOG-3929	proteomics_log	1998068	1998112	-	6	14	K.RIDVWINQVTISDER.K	19
PLOG-3930	proteomics_log	1998110	1998181	-	6	4	K.HLGVEASLKPTKWDGMLASLDSKR.I	28
PLOG-3931	proteomics_log	1998113	1998181	-	6	3	K.HLGVEASLKPTKWDGM*LASLDSK.R	28
PLOG-3932	proteomics_log	1998113	1998181	-	6	65	K.HLGVEASLKPTKWDGMLASLDSK.R	27
PLOG-3933	proteomics_log	1998146	1998181	-	6	2	K.HLGVEASLKPTK.W	16
PLOG-3934	proteomics_log	1998182	1998289	-	6	187	R.GTLLVGLGEGTYPPFSFQGDGKLTGFVEFAQQLAK.H	40
PLOG-3935	proteomics_log	1998290	1998322	-	6	169	A.DEGLLNKVKER.G	15
PLOG-3936	proteomics_log	1998302	1998322	-	6	4	A.DEGLLNK.V	11
PLOG-3937	proteomics_log	1999121	1999153	-	6	2	R.VSQLHSQAIKR.L	15
PLOG-3938	proteomics_log	1999592	1999711	-	6	2	R.LPASVELDDLLQAGGIGLLNAVERYDALQGTAFTTYAVQR.I	44
PLOG-3939	proteomics_log	1999640	1999711	-	6	5	R.LPASVELDDLLQAGGIGLLNAVER.Y	28
PLOG-3940	proteomics_log	1999640	1999723	-	6	2	R.LQVRLPASVELDDLLQAGGIGLLNAVER.Y	32
PLOG-3941	proteomics_log	2000137	2000178	-	5	57	K.ANQVPQQVLSLLQG.-	18
PLOG-3942	proteomics_log	2000137	2000220	-	5	25	K.AQIIQQAGNSVLAKANQVPQQVLSLLQG.-	32
PLOG-3943	proteomics_log	2000137	2000265	-	5	2	R.IQDADYATEVSNMSKAQIIQQAGNSVLAKANQVPQQVLSLLQG.-	47
PLOG-3944	proteomics_log	2000179	2000220	-	5	125	K.AQIIQQAGNSVLAK.A	18
PLOG-3945	proteomics_log	2000179	2000265	-	5	11	R.IQDADYATEVSNMSKAQIIQQAGNSVLAK.A	33
PLOG-3946	proteomics_log	2000182	2000220	-	5	19	K.AQIIQQAGNSVLA.K	17
PLOG-3947	proteomics_log	2000221	2000265	-	5	8	R.IQDADYATEVSNM*SK.A	20
PLOG-3948	proteomics_log	2000221	2000265	-	5	104	R.IQDADYATEVSNMSK.A	19
PLOG-3949	proteomics_log	2000224	2000265	-	5	2	R.IQDADYATEVSNM*S.K	19
PLOG-3950	proteomics_log	2000266	2000328	-	5	59	R.LDSAVTNLNNNTTTNLSEAQSR.I	25
PLOG-3951	proteomics_log	2000266	2000355	-	5	83	R.SSLGAVQNRLDSAVTNLNNNTTTNLSEAQSR.I	34

PLOG-3952	proteomics_log	2000329	2000355	-	5	5	R.SSLGAVQNR.L	13
PLOG-3953	proteomics_log	2000356	2000394	-	5	16	K.ALDDAIASVDKFR.S	17
PLOG-3954	proteomics_log	2000356	2000412	-	5	131	K.TTDPLKALDDAIASVDKFR.S	23
PLOG-3955	proteomics_log	2000503	2000550	-	5	2	K.LGGDDGKTEVVDIDGK.T	20
PLOG-3956	proteomics_log	2000551	2000604	-	5	19	K.TITYTDSSGAASSPTAVK.L	22
PLOG-3957	proteomics_log	2000605	2000643	-	5	2	A.ADVNETTGAVSVK.T	17
PLOG-3958	proteomics_log	2000713	2000805	-	5	23	K.ATTITSGGTPVQIDNTAGSATANLGAVSLVK.L	35
PLOG-3959	proteomics_log	2000926	2001033	-	5	3	K.LTGITLSTEATDTGGTNPASIEGVYTDNGNDYYAK.I	40
PLOG-3960	proteomics_log	2001034	2001132	-	5	8	K.TLGLDGFVSKNNDVTTSAPVTAFGATTTNNIK.L	37
PLOG-3961	proteomics_log	2001103	2001132	-	5	12	K.TLGLDGFVSK.N	14
PLOG-3962	proteomics_log	2001133	2001210	-	5	6	K.NGSMKIQVGANDNQTTITDLKQIDAK.T	30
PLOG-3963	proteomics_log	2001211	2001255	-	5	29	R.VSGQTQFNGVNVLAK.N	19
PLOG-3964	proteomics_log	2001211	2001273	-	5	17	R.LDEIDRVSGQTQFNGVNVLAK.N	25
PLOG-3965	proteomics_log	2001211	2001279	-	5	3	K.SRLDEIDRVSGQTQFNGVNVLAK.N	27
PLOG-3966	proteomics_log	2001274	2001351	-	5	19	R.ELTVQATTGTNSESDLSSIQDEIKSR.L	30
PLOG-3967	proteomics_log	2001274	2001357	-	5	19	R.VRELTVQATTGTNSESDLSSIQDEIKSR.L	32
PLOG-3968	proteomics_log	2001280	2001351	-	5	4	R.ELTVQATTGTNSESDLSSIQDEIK.S	28
PLOG-3969	proteomics_log	2001280	2001357	-	5	3	R.VRELTVQATTGTNSESDLSSIQDEIK.S	30
PLOG-3970	proteomics_log	2001352	2001432	-	5	15	R.NANDGISVAQTTEGALSEINNNLQVRV.E	31
PLOG-3971	proteomics_log	2001358	2001432	-	5	157	R.NANDGISVAQTTEGALSEINNNLQR.V	29
PLOG-3972	proteomics_log	2001433	2001471	-	5	49	R.FTSNIKGLTQAAR.N	17
PLOG-3973	proteomics_log	2001433	2001504	-	5	3	K.DDAAGQAIANRFTSNIKGLTQAAR.N	28
PLOG-3974	proteomics_log	2001433	2001519	-	5	14	R.INSAKDDAAGQAIANRFTSNIKGLTQAAR.N	33
PLOG-3975	proteomics_log	2001433	2001537	-	5	2	R.LSSGLRINSAKDDAAGQAIANRFTSNIKGLTQAAR.N	39
PLOG-3976	proteomics_log	2001454	2001519	-	5	6	R.INSAKDDAAGQAIANRFTSNIK.G	26
PLOG-3977	proteomics_log	2001454	2001537	-	5	22	R.LSSGLRINSAKDDAAGQAIANRFTSNIK.G	32
PLOG-3978	proteomics_log	2001472	2001504	-	5	18	K.DDAAGQAIANR.F	15
PLOG-3979	proteomics_log	2001472	2001519	-	5	33	R.INSAKDDAAGQAIANR.F	20
PLOG-3980	proteomics_log	2001472	2001537	-	5	11	R.LSSGLRINSAKDDAAGQAIANR.F	26
PLOG-3981	proteomics_log	2001505	2001537	-	5	2	R.LSSGLRINSAK.D	15
PLOG-3982	proteomics_log	2001538	2001570	-	5	15	K.NQSALSSSIER.L	15
PLOG-3983	proteomics_log	2001538	2001597	-	5	16	S.LITQNNINKNQSALSSSIER.L	24
PLOG-3984	proteomics_log	2001538	2001627	-	5	78	M.AQVINTNSLSLITQNNINKNQSALSSSIER.L	34
PLOG-3985	proteomics_log	2001571	2001627	-	5	10	M.AQVINTNSLSLITQNNINK.N	23
PLOG-3986	proteomics_log	2005770	2005811	-	4	2	R.DGNTIEYDGM*TMER.V	19
PLOG-3987	proteomics_log	2005770	2005811	-	4	4	R.DGNTIEYDGMTMER.V	18
PLOG-3988	proteomics_log	2005770	2005811	-	4	2	R.DGNTIEYDGM*TM*ER.V	20
PLOG-3989	proteomics_log	2005833	2005898	-	4	80	R.VIAVPGKLTLMSDLTNTVTVKR.E	26
PLOG-3990	proteomics_log	2005935	2005979	-	4	52	R.ALVSPEAIGSLIVTK.E	19
PLOG-3991	proteomics_log	2010973	2011035	-	5	2	M.SAIQGIEGVISQLQATAMSAR.A	25
PLOG-3992	proteomics_log	2016637	2016699	-	5	2	N.GVDVDCSSLM*TGGSSTGISK.L	26
PLOG-3993	proteomics_log	2024688	2024717	-	4	2	K.RLMTALVIRR.A	14
PLOG-3994	proteomics_log	2030042	2030077	-	6	3	R.FIDLFAGIGGIR.R	16
PLOG-3995	proteomics_log	2052786	2052884	-	4	2	K.VSDECSGNKRCKSTANHTGNLITDSSATIAITG.T	37
PLOG-3996	proteomics_log	2054455	2054517	-	5	6	L.KVRNLRECSRSPSARSKSIAR.M	25
PLOG-3997	proteomics_log	2060718	2060789	-	4	2	R.LYAIHGTNANFGIGLRVSGCIRL.R	28

PLOG-3998	proteomics_log	2060742	2060789	-	4	153	R.LYAIHGTNANFGIGLR.V	20
PLOG-3999	proteomics_log	2060742	2060789	-	4	153	R.LYAIHGTNANFGIGLR.V	20
PLOG-4000	proteomics_log	2060790	2060840	-	4	84	V.PAGPDNPMGLYAIYIGR.L	21
PLOG-4001	proteomics_log	2068807	2068848	-	5	5	P.FMAGLRFVGLRHHK.Q	18
PLOG-4002	proteomics_log	2077059	2077091	-	4	2	K.AM*GEMKNGEAK.-	16
PLOG-4003	proteomics_log	2077059	2077091	-	4	9	K.AMGEM*KNGEAK.-	16
PLOG-4004	proteomics_log	2077059	2077091	-	4	146	K.AMGEMKNGEAK.-	15
PLOG-4005	proteomics_log	2077059	2077097	-	4	4	K.LKAMGEM*KNGEAK.-	18
PLOG-4006	proteomics_log	2077059	2077097	-	4	24	K.LKAMGEMKNGEAK.-	17
PLOG-4007	proteomics_log	2077059	2077100	-	4	32	K.KLKAMGEMKNGEAK.-	18
PLOG-4008	proteomics_log	2077059	2077112	-	4	4	R.DISKCLKAMGEMKNGEAK.-	22
PLOG-4009	proteomics_log	2077059	2077115	-	4	2	R.RDISKCLKAMGEMKNGEAK.-	23
PLOG-4010	proteomics_log	2077116	2077226	-	4	14	K.PGMSVEAIQGIISMKG DYEDRVDDYIINKNAELSKER.R	41
PLOG-4011	proteomics_log	2077122	2077160	-	4	2	R.VDDYIINKNAELSK.E	17
PLOG-4012	proteomics_log	2077140	2077262	-	4	2	R.VLLLDNLSDYIKPGM*SVEAIQGIISM*KGDYEDRVDDYIINK.N	47
PLOG-4013	proteomics_log	2077140	2077262	-	4	4	R.VLLLDNLSDYIKPGMSVEAIQGIISM*KGDYEDRVDDYIINK.N	46
PLOG-4014	proteomics_log	2077140	2077262	-	4	87	R.VLLLDNLSDYIKPGMSVEAIQGIISMKG DYEDRVDDYIINK.N	45
PLOG-4015	proteomics_log	2077161	2077262	-	4	63	R.VLLLDNLSDYIKPGMSVEAIQGIISMKG DYEDRV.V	38
PLOG-4016	proteomics_log	2077179	2077262	-	4	11	R.VLLLDNLSDYIKPGM*SVEAIQGIISM*K.G	34
PLOG-4017	proteomics_log	2077179	2077262	-	4	12	R.VLLLDNLSDYIKPGM*SVEAIQGIISM.K.G	33
PLOG-4018	proteomics_log	2077179	2077262	-	4	19	R.VLLLDNLSDYIKPGMSVEAIQGIISM*K.G	33
PLOG-4019	proteomics_log	2077179	2077262	-	4	226	R.VLLLDNLSDYIKPGMSVEAIQGIISM.K.G	32
PLOG-4020	proteomics_log	2077263	2077307	-	4	49	R.EIQDVEKKIRD NQKR.V	19
PLOG-4021	proteomics_log	2077278	2077307	-	4	13	R.EIQDVEKKIR.D	14
PLOG-4022	proteomics_log	2077284	2077307	-	4	75	R.EIQDVEKK.I	12
PLOG-4023	proteomics_log	2077284	2077316	-	4	7	K.LQREIQDVEKK.I	15
PLOG-4024	proteomics_log	2077284	2077322	-	4	4	K.NKLQREIQDVEKK.I	17
PLOG-4025	proteomics_log	2077287	2077307	-	4	31	R.EIQDVEK.K	11
PLOG-4026	proteomics_log	2077287	2077316	-	4	5	K.LQREIQDVEK.K	14
PLOG-4027	proteomics_log	2077287	2077322	-	4	4	K.NKLQREIQDVEK.K	16
PLOG-4028	proteomics_log	2077329	2077385	-	4	5	K.METTKPSFQDVLEFVRLFR.R	23
PLOG-4029	proteomics_log	2077338	2077370	-	4	2	K.PSFQDVLEFVR.L	15
PLOG-4030	proteomics_log	2077338	2077373	-	4	2	T.KPSFQDVLEFVR.L	16
PLOG-4031	proteomics_log	2077338	2077385	-	4	80	K.M*ETTKPSFQDVLEFVR.L	21
PLOG-4032	proteomics_log	2077338	2077385	-	4	296	K.METTKPSFQDVLEFVR.L	20
PLOG-4033	proteomics_log	2078903	2078986	-	6	4	R.VVGDDFAKPWYQFFNSLLQDSAYEMLPK.P	32
PLOG-4034	proteomics_log	2079002	2079100	-	6	17	K.LRCDTVVTVPGYFTLPENSEGVILTEITGGQYA.V	37
PLOG-4035	proteomics_log	2082415	2082465	-	5	5	K.KLDVVTQVCPFLIEAK.A	21
PLOG-4036	proteomics_log	2085054	2085083	-	4	3	M.SHNVTPNTR.V	14
PLOG-4037	proteomics_log	2086391	2086435	-	6	2	R.NSLDSGKGIIDGSR.I	19
PLOG-4038	proteomics_log	2086538	2086624	-	6	39	K.TAPDGEHGVNLVHLEDVIGAITLLLQAPK.G	33
PLOG-4039	proteomics_log	2086679	2086741	-	6	30	R.VLEELDWHLNLPGTSVDILR.L	25
PLOG-4040	proteomics_log	2086835	2086912	-	6	34	R.SGPGDEFYLAQVQELVDSALAHRIPR.I	30
PLOG-4041	proteomics_log	2086835	2086915	-	6	2	R.RSGPGDEFYLAQVQELVDSALAHRIPR.I	31
PLOG-4042	proteomics_log	2086844	2086912	-	6	9	R.SGPGDEFYLAQVQELVDSALAHRI.I	27
PLOG-4043	proteomics_log	2087000	2087029	-	6	20	R.MSGIDSYLLR.M	14

PLOG-4044	proteomics_log	2087030	2087059	-	6	7	K.TTQDGVEAAR.M	14
PLOG-4045	proteomics_log	2087084	2087143	-	6	52	K.VAIVGLGLWGLMPLAMSLAR.G	24
PLOG-4046	proteomics_log	2087084	2087152	-	6	3	R.MKKVAIVGLGLWGLMPLAMSLAR.G	27
PLOG-4047	proteomics_log	2087645	2087680	-	6	2	K.AVEDHAPILITR.Q	16
PLOG-4048	proteomics_log	2095489	2095548	-	5	8	R.QNLLDIESLKVDDLDIHAYR.Y	24
PLOG-4049	proteomics_log	2095738	2095776	-	5	68	R.TQEVVAQEQQDLR.I	17
PLOG-4050	proteomics_log	2095747	2095776	-	5	32	R.TQEVVAQEQQ.D	14
PLOG-4051	proteomics_log	2095798	2095884	-	5	12	K.LAQYIQQVDDKVNQELEKDLKDNIALGRK.N	33
PLOG-4052	proteomics_log	2095801	2095884	-	5	12	K.LAQYIQQVDDKVNQELEKDLKDNIALGR.K	32
PLOG-4053	proteomics_log	2095948	2096031	-	5	2	R.FSSAFSALAETLDNQEEREKLTIEPSVK.N	32
PLOG-4054	proteomics_log	2096032	2096064	-	5	12	K.VSDLQETLIGR.F	15
PLOG-4055	proteomics_log	2097889	2097927	-	5	144	R.IDKEGVFHTEWLD.-	17
PLOG-4056	proteomics_log	2097889	2097930	-	5	32	K.RIDKEGVFHTEWLD.-	18
PLOG-4057	proteomics_log	2097904	2097927	-	5	2	R.IDKEGVFH.T	12
PLOG-4058	proteomics_log	2097928	2097957	-	5	8	R.DYFGAHTYKR.I	14
PLOG-4059	proteomics_log	2097958	2097996	-	5	101	R.AAVLPANLIQAQR.D	17
PLOG-4060	proteomics_log	2097997	2098077	-	5	4	R.DVVAYAVQNGIPVPTFSAAVAYYDSYR.A	31
PLOG-4061	proteomics_log	2097997	2098110	-	5	25	K.QIADDYQQALRDVVAYAVQNGIPVPTFSAAVAYYDSYR.A	42
PLOG-4062	proteomics_log	2098078	2098110	-	5	3	K.QIADDYQQALR.D	15
PLOG-4063	proteomics_log	2098111	2098173	-	5	59	K.ITDAYAENPQIANLLLAPYFK.Q	25
PLOG-4064	proteomics_log	2098111	2098191	-	5	2	R.AQFLQKITDAYAENPQIANLLLAPYFK.Q	31
PLOG-4065	proteomics_log	2098210	2098269	-	5	2	R.AASEEYNWDLNYGEIAKIFR.A	24
PLOG-4066	proteomics_log	2098219	2098269	-	5	17	R.AASEEYNWDLNYGEIAK.I	21
PLOG-4067	proteomics_log	2098270	2098305	-	5	95	K.IVSYAQGFSQLR.A	16
PLOG-4068	proteomics_log	2098270	2098323	-	5	45	R.ALYLGKIVSYAQGFSQLR.A	22
PLOG-4069	proteomics_log	2098270	2098326	-	5	14	R.RALYLGKIVSYAQGFSQLR.A	23
PLOG-4070	proteomics_log	2098324	2098389	-	5	5	K.VLSGPQAQPAGDKAEFIEKVR.R	26
PLOG-4071	proteomics_log	2098327	2098389	-	5	19	K.VLSGPQAQPAGDKAEFIEKVR.R	25
PLOG-4072	proteomics_log	2098333	2098389	-	5	42	K.VLSGPQAQPAGDKAEFIEK.V	23
PLOG-4073	proteomics_log	2098333	2098404	-	5	3	R.VAASKVLSGPQAQPAGDKAEFIEK.V	28
PLOG-4074	proteomics_log	2098351	2098389	-	5	13	K.VLSGPQAQPAGDK.A	17
PLOG-4075	proteomics_log	2098390	2098431	-	5	72	R.YISSLKDQRVAASK.V	18
PLOG-4076	proteomics_log	2098405	2098431	-	5	36	R.YISSLKDQR.V	13
PLOG-4077	proteomics_log	2098432	2098500	-	5	176	K.WTSQSALDLGEPLSLITESVFAR.Y	27
PLOG-4078	proteomics_log	2098432	2098512	-	5	56	K.GTGKWTSQSALDLGEPLSLITESVFAR.Y	31
PLOG-4079	proteomics_log	2098501	2098569	-	5	2	K.KDEDGNYLVDVILDEAANKGTGK.W	27
PLOG-4080	proteomics_log	2098501	2098584	-	5	4	K.DIFTKKDEDGNYLVDVILDEAANKGTGK.W	32
PLOG-4081	proteomics_log	2098513	2098566	-	5	2	K.DEDGNYLVDVILDEAANK.G	22
PLOG-4082	proteomics_log	2098513	2098569	-	5	23	K.KDEDGNYLVDVILDEAANK.G	23
PLOG-4083	proteomics_log	2098513	2098584	-	5	3	K.DIFTKKDEDGNYLVDVILDEAANK.G	28
PLOG-4084	proteomics_log	2098567	2098677	-	5	2	K.GGLNLTNEELAQTFTWNNGELSSYLIDITKDIFTK.D	41
PLOG-4085	proteomics_log	2098570	2098677	-	5	64	K.GGLNLTNEELAQTFTWNNGELSSYLIDITKDIFTK.K	40
PLOG-4086	proteomics_log	2098585	2098677	-	5	9	K.GGLNLTNEELAQTFTWNNGELSSYLIDITK.D	35
PLOG-4087	proteomics_log	2098678	2098743	-	5	5	K.M*VHNGIEYGDMQLIAEAYSLLK.G	27
PLOG-4088	proteomics_log	2098678	2098743	-	5	7	K.MVHNGIEYGDM*QLIAEAYSLLK.G	27
PLOG-4089	proteomics_log	2098678	2098743	-	5	5	K.M*VHNGIEYGDM*QLIAEAYSLLK.G	28

PLOG-4090	proteomics_log	2098678	2098743	-	5	154	K.MVHNGIEYGDMLIAEAYSLLK.G	26
PLOG-4091	proteomics_log	2098744	2098791	-	5	5	E.PCVTYIGADGAGHYVK.M	20
PLOG-4092	proteomics_log	2098744	2098818	-	5	5	K.IAAVAEDGEPVYIGADGAGHYVK.M	29
PLOG-4093	proteomics_log	2098819	2098854	-	5	73	K.EAYELVAPILTK.I	16
PLOG-4094	proteomics_log	2098819	2098953	-	5	2	R.ELSAEGFNFIGTGVSGGEEGALKGPSIM*PGGQKEAYELVAPILTK.I	50
PLOG-4095	proteomics_log	2098819	2098953	-	5	37	R.ELSAEGFNFIGTGVSGGEEGALKGPSIMPGGQKEAYELVAPILTK.I	49
PLOG-4096	proteomics_log	2098819	2098959	-	5	7	R.NRELSAEGFNFIGTGVSGGEEGALKGPSIM*PGGQKEAYELVAPILTK.I	52
PLOG-4097	proteomics_log	2098819	2098959	-	5	20	R.NRELSAEGFNFIGTGVSGGEEGALKGPSIMPGGQKEAYELVAPILTK.I	51
PLOG-4098	proteomics_log	2098855	2098953	-	5	10	R.ELSAEGFNFIGTGVSGGEEGALKGPSIMPGGQK.E	37
PLOG-4099	proteomics_log	2098855	2098959	-	5	9	R.NRELSAEGFNFIGTGVSGGEEGALKGPSIMPGGQK.E	39
PLOG-4100	proteomics_log	2098960	2099067	-	5	368	K.AGAGTDAIDSCLKPYLDKGDIIIDGGNTFFQDTIRR.N	40
PLOG-4101	proteomics_log	2098963	2099067	-	5	151	K.AGAGTDAIDSCLKPYLDKGDIIIDGGNTFFQDTIRR.R	39
PLOG-4102	proteomics_log	2098978	2099067	-	5	2	K.AGAGTDAIDSCLKPYLDKGDIIIDGGNTFF.Q	34
PLOG-4103	proteomics_log	2099086	2099118	-	5	7	K.EFVESLETPRR.I	15
PLOG-4104	proteomics_log	2099086	2099136	-	5	8	V.PYYTVKEFVESLETPRR.I	21
PLOG-4105	proteomics_log	2099086	2099142	-	5	148	K.LVPYYTVKEFVESLETPRR.I	23
PLOG-4106	proteomics_log	2099086	2099145	-	5	9	K.KLVPYYTVKEFVESLETPRR.I	24
PLOG-4107	proteomics_log	2099086	2099178	-	5	2	K.TEEVIAENPGKCLVPYYTVKEFVESLETPRR.I	35
PLOG-4108	proteomics_log	2099086	2099184	-	5	28	R.EKTEEVIAENPGKCLVPYYTVKEFVESLETPRR.I	37
PLOG-4109	proteomics_log	2099086	2099190	-	5	5	R.SREKTEEVIAENPGKCLVPYYTVKEFVESLETPRR.I	39
PLOG-4110	proteomics_log	2099089	2099118	-	5	19	K.EFVESLETPR.R	14
PLOG-4111	proteomics_log	2099089	2099127	-	5	3	Y.TVKEFVESLETPR.R	17
PLOG-4112	proteomics_log	2099089	2099136	-	5	3	V.PYYTVKEFVESLETPR.R	20
PLOG-4113	proteomics_log	2099089	2099142	-	5	143	K.LVPYYTVKEFVESLETPR.R	22
PLOG-4114	proteomics_log	2099089	2099145	-	5	15	K.KLVPYYTVKEFVESLETPR.R	23
PLOG-4115	proteomics_log	2099089	2099178	-	5	4	K.TEEVIAENPGKCLVPYYTVKEFVESLETPR.R	34
PLOG-4116	proteomics_log	2099089	2099184	-	5	10	R.EKTEEVIAENPGKCLVPYYTVKEFVESLETPR.R	36
PLOG-4117	proteomics_log	2099089	2099190	-	5	10	R.SREKTEEVIAENPGKCLVPYYTVKEFVESLETPR.R	38
PLOG-4118	proteomics_log	2099119	2099184	-	5	2	R.EKTEEVIAENPGKCLVPYYTVK.E	26
PLOG-4119	proteomics_log	2099143	2099178	-	5	90	K.TEEVIAENPGKK.L	16
PLOG-4120	proteomics_log	2099143	2099184	-	5	150	R.EKTEEVIAENPGKK.L	18
PLOG-4121	proteomics_log	2099143	2099190	-	5	148	R.SREKTEEVIAENPGKK.L	20
PLOG-4122	proteomics_log	2099146	2099178	-	5	2	K.TEEVIAENPGK.K	15
PLOG-4123	proteomics_log	2099146	2099184	-	5	25	R.EKTEEVIAENPGK.K	17
PLOG-4124	proteomics_log	2099146	2099190	-	5	46	R.SREKTEEVIAENPGK.K	19
PLOG-4125	proteomics_log	2099191	2099217	-	5	246	R.GYTVSIFNR.S	13
PLOG-4126	proteomics_log	2099218	2099244	-	5	226	R.NLALNIESR.G	13
PLOG-4127	proteomics_log	2099218	2099289	-	5	6	M.SKQQIGVVGMVAVMGRNLALNIESR.G	28
PLOG-4128	proteomics_log	2099245	2099283	-	5	4	K.QQIGVVGMVAVMGR.N	17
PLOG-4129	proteomics_log	2099245	2099289	-	5	12	M.SKQQIGVVGM*AVMGR.N	20
PLOG-4130	proteomics_log	2099245	2099289	-	5	13	M.SKQQIGVVGMVAVM*GR.N	20
PLOG-4131	proteomics_log	2099245	2099289	-	5	12	M.SKQQIGVVGM*AVM*GR.N	21
PLOG-4132	proteomics_log	2099245	2099289	-	5	344	M.SKQQIGVVGMVAVMGR.N	19
PLOG-4133	proteomics_log	2101418	2101474	-	6	8	R.NENVLVGFDELVNFITEEH.-	23
PLOG-4134	proteomics_log	2101418	2101504	-	6	12	K.DISDANFIYRNENVLVGFDELVNFITEEH.-	33
PLOG-4135	proteomics_log	2102695	2102730	-	5	2	R.TLESSAVVIGQR.V	16



PLOG-4136	proteomics_log	2103092	2103130	-	6	3	R.DVLEEVIDDLKTR.-	17
PLOG-4137	proteomics_log	2103092	2103148	-	6	120	R.TGSYFRDVLEEVIDDLKTR.-	23
PLOG-4138	proteomics_log	2103092	2103154	-	6	2	K.IRTGSYFRDVLEEVIDDLKTR.-	25
PLOG-4139	proteomics_log	2103092	2103130	-	6	3	R.DVLEEVIDDLKTR.-	17
PLOG-4140	proteomics_log	2103092	2103148	-	6	120	R.TGSYFRDVLEEVIDDLKTR.-	23
PLOG-4141	proteomics_log	2103092	2103154	-	6	2	K.IRTGSYFRDVLEEVIDDLKTR.-	25
PLOG-4142	proteomics_log	2103098	2103148	-	6	3	R.TGSYFRDVLEEVIDDLK.T	21
PLOG-4143	proteomics_log	2103098	2103148	-	6	3	R.TGSYFRDVLEEVIDDLK.T	21
PLOG-4144	proteomics_log	2103170	2103262	-	6	18	R.IGYAVGSIKEMQEIVDSMTIETYKQISENTK.I	35
PLOG-4145	proteomics_log	2103566	2103595	-	6	3	R.GVIYAGNLSR.H	14
PLOG-4146	proteomics_log	2104049	2104081	-	6	4	K.MYFLNDLNFSR.R	15
PLOG-4147	proteomics_log	2105271	2105333	-	4	15	R.LAEYKYDMHQVISAALYQVK.N	25
PLOG-4148	proteomics_log	2105481	2105519	-	4	3	R.IIEHKHFQYVETK.H	17
PLOG-4149	proteomics_log	2105847	2105879	-	4	2	R.SAKELPAFIK.R	15
PLOG-4150	proteomics_log	2105907	2105987	-	4	11	K.YGDKVPENLEEQAISLVGEDLYQALIK.G	31
PLOG-4151	proteomics_log	2105907	2105990	-	4	2	K.KYGDKVPENLEEQAISLVGEDLYQALIK.G	32
PLOG-4152	proteomics_log	2107623	2107649	-	4	3	R.LFTLDELIR.L	13
PLOG-4153	proteomics_log	2108183	2108230	-	6	2	K.LAVPLIKNNYGQYLYK.M	20
PLOG-4154	proteomics_log	2108183	2108233	-	6	6	R.KLAVPLIKNNYGQYLYK.M	21
PLOG-4155	proteomics_log	2108210	2108233	-	6	2	R.KLAVPLIK.N	12
PLOG-4156	proteomics_log	2108231	2108263	-	6	4	R.KGFIDVEQVRK.L	15
PLOG-4157	proteomics_log	2108234	2108263	-	6	4	R.KGFIDVEQVR.K	14
PLOG-4158	proteomics_log	2108306	2108383	-	6	27	R.GYAWLDTGTHQSLIEASNFATIEER.Q	30
PLOG-4159	proteomics_log	2108429	2108458	-	6	30	R.GELEITDINR.I	14
PLOG-4160	proteomics_log	2108855	2108965	-	6	12	K.QLLPYDKPMIYYPLSTLMLAGIRDILIIISTPQDTPR.F	41
PLOG-4161	proteomics_log	2108894	2108965	-	6	5	K.QLLPYDKPMIYYPLSTLMLAGIR.D	28
PLOG-4162	proteomics_log	2108966	2109028	-	6	3	K.GIILAGGSGTRLYPVTMAVSK.Q	25
PLOG-4163	proteomics_log	2108966	2109031	-	6	27	R.KGIILAGGSGTRLYPVTMAVSK.Q	26
PLOG-4164	proteomics_log	2108996	2109031	-	6	30	R.KGIILAGGSGTR.L	16
PLOG-4165	proteomics_log	2108996	2109031	-	6	30	R.KGIILAGGSGTR.L	16
PLOG-4166	proteomics_log	2109104	2109136	-	6	3	R.MLNELFTTTAI.-	15
PLOG-4167	proteomics_log	2109104	2109136	-	6	3	R.M*LNELFTTTAI.-	16
PLOG-4168	proteomics_log	2109137	2109205	-	6	2	R.LNTEKFQNFALVLPDWQVGVKR.M	27
PLOG-4169	proteomics_log	2109293	2109397	-	6	3	R.VALNKPVDVAGLYHLVASGTTTWDYDAAALVFEEARK.A	39
PLOG-4170	proteomics_log	2109947	2109976	-	6	9	K.TGQVGVWELQR.A	14
PLOG-4171	proteomics_log	2109947	2110000	-	6	14	V.MNILLFGKTGQVGVWELQR.A	22
PLOG-4172	proteomics_log	2109947	2110000	-	6	14	V.MNILLFGKTGQVGVWELQR.A	22
PLOG-4173	proteomics_log	2109977	2110000	-	6	6	V.MNILLFGK.T	12
PLOG-4174	proteomics_log	2109977	2110000	-	6	6	V.MNILLFGK.T	12
PLOG-4175	proteomics_log	2110099	2110146	-	5	48	R.ALGWKPQETFESGIRK.T	20
PLOG-4176	proteomics_log	2110147	2110176	-	5	57	R.YAIDAEEKIGR.A	14
PLOG-4177	proteomics_log	2110294	2110332	-	5	2	K.AGETYNIGGHNEK.K	17
PLOG-4178	proteomics_log	2110363	2110428	-	5	11	K.ALPIYGKGDQIRDWLYVEDHAR.A	26
PLOG-4179	proteomics_log	2110429	2110467	-	5	172	K.LIPLVILNALEGK.A	17
PLOG-4180	proteomics_log	2110549	2110572	-	5	3	K.ASSDHLVR.A	12
PLOG-4181	proteomics_log	2110549	2110572	-	5	3	K.ASSDHLVR.A	12

PLOG-4182	proteomics_log	2110750	2110821	-	5	52	R.SITGPAAFIETNIVGTYVLLAAR.N	28
PLOG-4183	proteomics_log	2110822	2110884	-	5	2	R.IFAQHQPDAVM*HLAAESHVDR.S	26
PLOG-4184	proteomics_log	2110822	2110884	-	5	58	R.IFAQHQPDAVMHLAAESHVDR.S	25
PLOG-4185	proteomics_log	2110933	2110965	-	5	3	R.ESLADVSDSER.Y	15
PLOG-4186	proteomics_log	2111527	2111553	-	5	2	K.M*GYMQAFVK.Y	14
PLOG-4187	proteomics_log	2111527	2111553	-	5	141	K.MGYMQAFVK.Y	13
PLOG-4188	proteomics_log	2111608	2111646	-	5	42	R.IQLTDAIAELAKK.Q	17
PLOG-4189	proteomics_log	2111611	2111646	-	5	233	R.IQLTDAIAELAK.K	16
PLOG-4190	proteomics_log	2111671	2111709	-	5	190	R.YVLSADIWPELER.T	17
PLOG-4191	proteomics_log	2111671	2111778	-	5	9	R.IVEFIEKPDQPQTLDSDIMAVGRYVLSADIWPELER.T	40
PLOG-4192	proteomics_log	2111710	2111778	-	5	5	R.IVEFIEKPDQPQTLDSDIM*AVGR.Y	28
PLOG-4193	proteomics_log	2111710	2111778	-	5	233	R.IVEFIEKPDQPQTLDSDIMAVGR.Y	27
PLOG-4194	proteomics_log	2111779	2111853	-	5	2	R.MPGDLSEYSVIQTKPELDREGKVS.R.I	29
PLOG-4195	proteomics_log	2111779	2111856	-	5	6	K.RM*PGDLSEYSVIQTKPELDREGKVS.R.I	31
PLOG-4196	proteomics_log	2111779	2111856	-	5	13	K.RMPGDLSEYSVIQTKPELDREGKVS.R.I	30
PLOG-4197	proteomics_log	2111788	2111856	-	5	3	K.RM*PGDLSEYSVIQTKPELDREGK.V	28
PLOG-4198	proteomics_log	2111788	2111856	-	5	27	K.RMPGDLSEYSVIQTKPELDREGK.V	27
PLOG-4199	proteomics_log	2111854	2111892	-	5	2	R.FNETGRSQVLAKR.M	17
PLOG-4200	proteomics_log	2111857	2111892	-	5	22	R.FNETGRSQVLAK.R	16
PLOG-4201	proteomics_log	2111893	2111919	-	5	7	R.YNLAAMIAR.F	13
PLOG-4202	proteomics_log	2111893	2111997	-	5	13	R.PAIGDNPFVVVLPDVVIDDASADPLRYNLAAMIAR.F	39
PLOG-4203	proteomics_log	2111920	2111997	-	5	2	R.PAIGDNPFVVVLPDVVIDDASADPLR.Y	30
PLOG-4204	proteomics_log	2112112	2112171	-	5	17	K.NAVENHFDTSYELESLLER.Q.V	24
PLOG-4205	proteomics_log	2112172	2112240	-	5	6	I.QYIVDEIVAAGIKEILLVTHASK.N	27
PLOG-4206	proteomics_log	2112172	2112273	-	5	7	K.EM*LPIVDKPMIQYIVDEIVAAGIKEILLVTHASK.N	39
PLOG-4207	proteomics_log	2112172	2112273	-	5	73	K.EMLPVIDKPMIQYIVDEIVAAGIKEILLVTHASK.N	38
PLOG-4208	proteomics_log	2112172	2112285	-	5	94	K.AIPKEMPLIVDKPMIQYIVDEIVAAGIKEILLVTHASK.N	42
PLOG-4209	proteomics_log	2112202	2112273	-	5	5	K.EM*LPIVDKPMIQYIVDEIVAAGIK.E	29
PLOG-4210	proteomics_log	2112202	2112273	-	5	20	K.EMLPVIDKPMIQYIVDEIVAAGIK.E	28
PLOG-4211	proteomics_log	2112202	2112285	-	5	21	K.AIPKEMPLIVDKPMIQYIVDEIVAAGIK.E	32
PLOG-4212	proteomics_log	2112286	2112336	-	5	54	K.AVIPVAGLGMHMLPATK.A	21
PLOG-4213	proteomics_log	2112286	2112348	-	5	2	M.TNLKAVIPVAGLGM*HMLPATK.A	26
PLOG-4214	proteomics_log	2112286	2112348	-	5	2	M.TNLKAVIPVAGLGMHM*LPATK.A	26
PLOG-4215	proteomics_log	2112286	2112348	-	5	2	M.TNLKAVIPVAGLGM*HM*LPATK.A	27
PLOG-4216	proteomics_log	2112286	2112348	-	5	183	M.TNLKAVIPVAGLGMHMLPATK.A	25
PLOG-4217	proteomics_log	2112286	2112351	-	5	45	I.MTNLKAVIPVAGLGMHMLPATK.A	26
PLOG-4218	proteomics_log	2114261	2114344	-	6	2	R.TLIEQYQLEDVVEMPGFKPSHEVKAMLD.D	32
PLOG-4219	proteomics_log	2121498	2121545	-	4	2	T.KDAVLIADRNAVQDVK.K	20
PLOG-4220	proteomics_log	2122158	2122217	-	4	2	S.DPLMLVLAADHVIADDAFR.A	24
PLOG-4221	proteomics_log	2126003	2126092	-	6	2	E.VYNLGAMSHVAVSFESPEYTADVDMGTLR.L	34
PLOG-4222	proteomics_log	2137029	2137076	-	4	5	N.NGKVSNGTSGWRINTR.R	20
PLOG-4223	proteomics_log	2138389	2138421	-	5	3	R.LENVEIGTILK.A	15
PLOG-4224	proteomics_log	2138584	2138655	-	5	2	R.IDEPAYQGLQGFTADILLQASNVR.W	28
PLOG-4225	proteomics_log	2140394	2140462	-	6	10	K.TVRPMLQFIEPSKQYADIIVPR.G	27
PLOG-4226	proteomics_log	2140592	2140636	-	6	32	K.KVIILEGILLTLDAR.L	19
PLOG-4227	proteomics_log	2155438	2155488	-	5	3	R.HADPQTAGAVAINIDIR.H	21

PLOG-4228	proteomics_log	2164160	2164276	-	6	6	G.VGAGALVRVALVDIAREQAATGVGHAQRAVNEDLDLHIR.H	43
PLOG-4229	proteomics_log	2169893	2169970	-	6	2	R.KLSLEPLIAHRGSFESFAQAVRDIAR.N	30
PLOG-4230	proteomics_log	2169905	2169937	-	6	12	R.GSFESFAQAVR.D	15
PLOG-4231	proteomics_log	2169938	2169970	-	6	65	R.KLSLEPLIAHR.G	15
PLOG-4232	proteomics_log	2170292	2170339	-	6	12	K.SVTAIDISSEKLALAK.S	20
PLOG-4233	proteomics_log	2170526	2170558	-	6	2	R.DGGFAEYIVVK.R	15
PLOG-4234	proteomics_log	2170811	2170858	-	6	2	R.VAESVIPEIKHQDEVR.V	20
PLOG-4235	proteomics_log	2170829	2170858	-	6	2	R.VAESVIPEIK.H	14
PLOG-4236	proteomics_log	2170859	2170891	-	6	8	K.SVVNDTDGIVR.V	15
PLOG-4237	proteomics_log	2170859	2170897	-	6	6	F.M*KSVVNDTDGIVR.V	18
PLOG-4238	proteomics_log	2170859	2170897	-	6	110	F.MKSVVNDTDGIVR.V	17
PLOG-4239	proteomics_log	2170948	2170983	-	5	8	R.GFIKQEKVVLAE.-	16
PLOG-4240	proteomics_log	2171683	2171793	-	5	12	R.NFFELEGIAIPHGTSAYMGPIAVLVDAIIEKIPGVNR.I	41
PLOG-4241	proteomics_log	2171701	2171793	-	5	12	R.NFFELEGIAIPHGTSAYMGPIAVLVDAIIEK.I	35
PLOG-4242	proteomics_log	2172307	2172327	-	5	4	K.ILTLQG.-	11
PLOG-4243	proteomics_log	2172307	2172402	-	5	6	R.SFGDIPLVHGM*PFISGIGIEALQNKILTLQG.-	37
PLOG-4244	proteomics_log	2172307	2172402	-	5	25	R.SFGDIPLVHGMPFISGIGIEALQNKILTLQG.-	36
PLOG-4245	proteomics_log	2172307	2172411	-	5	2	K.VDRSFGDIPLVHGM*PFISGIGIEALQNKILTLQG.-	40
PLOG-4246	proteomics_log	2172307	2172411	-	5	64	K.VDRSFGDIPLVHGMPFISGIGIEALQNKILTLQG.-	39
PLOG-4247	proteomics_log	2172328	2172402	-	5	34	R.SFGDIPLVHGM*PFISGIGIEALQNK.I	30
PLOG-4248	proteomics_log	2172328	2172402	-	5	213	R.SFGDIPLVHGMPFISGIGIEALQNK.I	29
PLOG-4249	proteomics_log	2172328	2172411	-	5	82	K.VDRSFGDIPLVHGMPFISGIGIEALQNK.I	32
PLOG-4250	proteomics_log	2172334	2172402	-	5	4	R.SFGDIPLVHGMPFISGIGIEALQ.N	27
PLOG-4251	proteomics_log	2172364	2172402	-	5	2	R.SFGDIPLVHGMPF.I	17
PLOG-4252	proteomics_log	2172367	2172402	-	5	12	R.SFGDIPLVHGMP.F	16
PLOG-4253	proteomics_log	2172403	2172468	-	5	3	R.VNEIETYMDGVHLICTTAKVDR.S	26
PLOG-4254	proteomics_log	2172433	2172468	-	5	18	R.VNEIETYMDGVH.L	16
PLOG-4255	proteomics_log	2172622	2172714	-	5	177	K.LQQPDIVETLITLPETQLKEYFTKYVLDSDE.-	35
PLOG-4256	proteomics_log	2172622	2172729	-	5	5	R.CLFGKLLQQPDIVETLITLPETQLKEYFTKYVLDSDE.-	40
PLOG-4257	proteomics_log	2172643	2172714	-	5	102	K.LQQPDIVETLITLPETQLKEYFTK.Y	28
PLOG-4258	proteomics_log	2172658	2172714	-	5	49	K.LQQPDIVETLITLPETQLK.E	23
PLOG-4259	proteomics_log	2172739	2172828	-	5	100	K.VHFQQADDDNDVAVSLVIALIVENPQQQLK.L	34
PLOG-4260	proteomics_log	2172829	2172864	-	5	37	K.SSAIYLLRPTNK.V	16
PLOG-4261	proteomics_log	2172865	2172942	-	5	7	R.EAEFPTGIMLEQHAIAIPHCEAIHAK.S	30
PLOG-4262	proteomics_log	2172943	2172984	-	5	324	K.GVVHDTWPQALIAR.E	18
PLOG-4263	proteomics_log	2172943	2173026	-	5	6	R.SEVLTHIGNEMLAKGVVHDTWPQALIAR.E	32
PLOG-4264	proteomics_log	2172943	2173050	-	5	17	R.SGISFVDRSEVLTHIGNEMLAKGVVHDTWPQALIAR.E	40
PLOG-4265	proteomics_log	2172952	2173050	-	5	27	R.SGISFVDRSEVLTHIGNEMLAKGVVHDTWPQAL.I	37
PLOG-4266	proteomics_log	2172985	2173026	-	5	8	R.SEVLTHIGNEM*LAK.G	19
PLOG-4267	proteomics_log	2172985	2173026	-	5	186	R.SEVLTHIGNEMLAK.G	18
PLOG-4268	proteomics_log	2172985	2173050	-	5	40	R.SGISFVDRSEVLTHIGNEM*LAK.G	27
PLOG-4269	proteomics_log	2172985	2173050	-	5	455	R.SGISFVDRSEVLTHIGNEMLAK.G	26
PLOG-4270	proteomics_log	2172985	2173068	-	5	4	M.TNLFVRSGISFVDRSEVLTHIGNEMLAK.G	32
PLOG-4271	proteomics_log	2173027	2173050	-	5	48	R.SGISFVDR.S	12
PLOG-4272	proteomics_log	2173051	2173068	-	5	3	M.TNLFVR.S	10
PLOG-4273	proteomics_log	2173051	2173071	-	5	38	Y.MTNLFVR.S	11

PLOG-4274	proteomics_log	2173084	2173176	-	5	3	R.IQSGELSAIPHQLIMDKIYDVLRLAYRYGCAE.-	35
PLOG-4275	proteomics_log	2173099	2173176	-	5	59	R.IQSGELSAIPHQLIMDKIYDVLRLAYR.Y	30
PLOG-4276	proteomics_log	2173108	2173176	-	5	10	R.IQSGELSAIPHQLIM*DKIYDVLRL.A	28
PLOG-4277	proteomics_log	2173108	2173176	-	5	227	R.IQSGELSAIPHQLIMDKIYDVLRL.A	27
PLOG-4278	proteomics_log	2173126	2173176	-	5	2	R.IQSGELSAIPHQLIM*DK.I	22
PLOG-4279	proteomics_log	2173126	2173176	-	5	70	R.IQSGELSAIPHQLIMDK.I	21
PLOG-4280	proteomics_log	2173177	2173266	-	5	22	K.NSVETMMVNLEGVDIPLGMISQYLPKQFER.I	34
PLOG-4281	proteomics_log	2173177	2173272	-	5	2	R.IKNSVETM*M*VNLEGVDIPLGMISQYLPKQFER.I	38
PLOG-4282	proteomics_log	2173177	2173272	-	5	2	R.IKNSVETM*M*VNLEGVDIPLGM*ISQYLPKQFER.I	39
PLOG-4283	proteomics_log	2173177	2173272	-	5	10	R.IKNSVETMMVNLEGVDIPLGM*ISQYLPKQFER.I	37
PLOG-4284	proteomics_log	2173177	2173272	-	5	216	R.IKNSVETMMVNLEGVDIPLGMISQYLPKQFER.I	36
PLOG-4285	proteomics_log	2173189	2173242	-	5	2	V.NLEGVDIPLGMISQYLPK.Q	22
PLOG-4286	proteomics_log	2173189	2173245	-	5	6	M.VNLEGVDIPLGMISQYLPK.Q	23
PLOG-4287	proteomics_log	2173189	2173266	-	5	42	K.NSVETMMVNLEGVDIPLGMISQYLPK.Q	30
PLOG-4288	proteomics_log	2173189	2173272	-	5	6	R.IKNSVETM*M*VNLEGVDIPLGM*ISQYLPK.Q	35
PLOG-4289	proteomics_log	2173189	2173272	-	5	26	R.IKNSVETMMVNLEGVDIPLGM*ISQYLPK.Q	33
PLOG-4290	proteomics_log	2173189	2173272	-	5	213	R.IKNSVETMMVNLEGVDIPLGMISQYLPK.Q	32
PLOG-4291	proteomics_log	2173213	2173266	-	5	14	K.NSVETMMVNLEGVDIPLG.M	22
PLOG-4292	proteomics_log	2173294	2173350	-	5	18	R.TGFNDSLDIRYSLSDRIR.Y	23
PLOG-4293	proteomics_log	2173318	2173350	-	5	106	R.TGFNDSLDIR.Y	15
PLOG-4294	proteomics_log	2173420	2173476	-	5	31	R.EAIFALAQIEQELIAPENR.S	23
PLOG-4295	proteomics_log	2173420	2173506	-	5	5	K.VGPALTFALREAIFALAQIEQELIAPENR.S	33
PLOG-4296	proteomics_log	2173477	2173506	-	5	24	K.VGPALTFALR.E	14
PLOG-4297	proteomics_log	2173477	2173506	-	5	24	K.VGPALTFALR.E	14
PLOG-4298	proteomics_log	2173552	2173590	-	5	3	R.M*VYEAHSTDYQTR.T	18
PLOG-4299	proteomics_log	2173552	2173590	-	5	74	R.MVYEAHSTDYQTR.T	17
PLOG-4300	proteomics_log	2173591	2173698	-	5	60	R.VIAIVVQPGVEFDHSNIIHYQPQEAQPLAQWIENTR.M	40
PLOG-4301	proteomics_log	2173699	2173737	-	5	5	K.AFIARGLTEALTR.V	17
PLOG-4302	proteomics_log	2173912	2173983	-	5	3	K.IHLDASMSCAGDPIPLAPETVAER.A	28
PLOG-4303	proteomics_log	2173999	2174028	-	5	233	K.SVELVKEYVR.A	14
PLOG-4304	proteomics_log	2174029	2174100	-	5	5	R.IILGGDHLGPNCWQQENADAAMEK.S	28
PLOG-4305	proteomics_log	2174029	2174106	-	5	2	R.ERIIILGGDHLGPNCWQQENADAAMEK.S	30
PLOG-4306	proteomics_log	2174107	2174148	-	5	151	R.EFVFTIADKVGFR.E	18
PLOG-4307	proteomics_log	2174107	2174223	-	5	42	K.VLIEATSNQVNQFGGYTGMPADFR.FREFVFTIADKVGFR.E	43
PLOG-4308	proteomics_log	2174107	2174226	-	5	25	R.KVLIEATSNQVNQFGGYTGMPADFR.FREFVFTIADKVGFR.E	44
PLOG-4309	proteomics_log	2174122	2174148	-	5	3	R.EFVFTIADK.V	13
PLOG-4310	proteomics_log	2174149	2174223	-	5	6	K.VLIEATSNQVNQFGGYTGM*TPADFR.E	30
PLOG-4311	proteomics_log	2174149	2174223	-	5	35	K.VLIEATSNQVNQFGGYTGMPADFR.E	29
PLOG-4312	proteomics_log	2174149	2174226	-	5	2	R.KVLIEATSNQVNQFGGYTGM*TPADFR.E	31
PLOG-4313	proteomics_log	2174149	2174226	-	5	76	R.KVLIEATSNQVNQFGGYTGMPADFR.E	30
PLOG-4314	proteomics_log	2174239	2174316	-	5	2	K.AGEHIGICSVCSAHLPLVIEAALAFDR.N	30
PLOG-4315	proteomics_log	2174239	2174322	-	5	2	R.HKAGEHIGICSVCSAHLPLVIEAALAFDR.N	32
PLOG-4316	proteomics_log	2174239	2174322	-	5	2	R.HKAGEHIGICSVCSAHLPLVIEAALAFDR.N	32
PLOG-4317	proteomics_log	2174375	2174407	-	6	5	K.VIADCGCEGRA.-	15
PLOG-4318	proteomics_log	2174375	2174434	-	6	2	K.SAMRDVVSKVIADCGCEGRA.-	24
PLOG-4319	proteomics_log	2174408	2174434	-	6	2	K.SAM*RDVVSK.V	14

PLOG-4320	proteomics_log	2174408	2174434	-	6	39	K.SAMRDVVS.K.V	13
PLOG-4321	proteomics_log	2174435	2174455	-	6	26	R.DYLQSAK.S	11
PLOG-4322	proteomics_log	2174435	2174494	-	6	3	K.NYLTEHPEATDPRDYLSAK.S	24
PLOG-4323	proteomics_log	2174435	2174518	-	6	107	K.NAFSQALKNYLTHEPEATDPRDYLSAK.S	32
PLOG-4324	proteomics_log	2174435	2174542	-	6	36	K.INVATELKNAFSQALKNYLTHEPEATDPRDYLSAK.S	40
PLOG-4325	proteomics_log	2174456	2174494	-	6	11	K.NYLTEHPEATDPR.D	17
PLOG-4326	proteomics_log	2174456	2174542	-	6	3	K.INVATELKNAFSQALKNYLTHEPEATDPR.D	33
PLOG-4327	proteomics_log	2174462	2174542	-	6	3	K.INVATELKNAFSQALKNYLTHEPEATD.P	31
PLOG-4328	proteomics_log	2174495	2174518	-	6	13	K.NAFSQALK.N	12
PLOG-4329	proteomics_log	2174495	2174542	-	6	93	K.INVATELKNAFSQALK.N	20
PLOG-4330	proteomics_log	2174519	2174542	-	6	33	K.INVATELK.N	12
PLOG-4331	proteomics_log	2174558	2174632	-	6	8	R.QWVNLPLVLHGASGLSTKDIQQTIK.L	29
PLOG-4332	proteomics_log	2174558	2174647	-	6	113	R.LENIRQWVNLPLVLHGASGLSTKDIQQTIK.L	34
PLOG-4333	proteomics_log	2174579	2174617	-	6	26	L.PLVLHGASGLSTK.D	17
PLOG-4334	proteomics_log	2174579	2174632	-	6	85	R.QWVNLPLVLHGASGLSTK.D	22
PLOG-4335	proteomics_log	2174579	2174647	-	6	211	R.LENIRQWVNLPLVLHGASGLSTK.D	27
PLOG-4336	proteomics_log	2174633	2174743	-	6	57	R.EFAEATGIDSLAVAIGTAHGMYSAPALDFSRLENIR.Q	41
PLOG-4337	proteomics_log	2174648	2174743	-	6	28	R.EFAEATGIDSLAVAIGTAHGM*YASAPALDFSR.L	37
PLOG-4338	proteomics_log	2174648	2174743	-	6	99	R.EFAEATGIDSLAVAIGTAHGMYSAPALDFSR.L	36
PLOG-4339	proteomics_log	2174648	2174788	-	6	4	Q.VNEADALYTNPAQAREFAEATGIDSLAVAIGTAHGMYSAPALDFSR.L	51
PLOG-4340	proteomics_log	2174708	2174743	-	6	13	R.EFAEATGIDSLA.V	16
PLOG-4341	proteomics_log	2174741	2174848	-	6	3	R.FDVSVEAELGQLGGQEDDVQVNEADALYTNPAQARE.F	40
PLOG-4342	proteomics_log	2174744	2174797	-	6	2	D.DVQVNEADALYTNPAQAR.E	22
PLOG-4343	proteomics_log	2174744	2174800	-	6	2	E.DDVQVNEADALYTNPAQAR.E	23
PLOG-4344	proteomics_log	2174744	2174812	-	6	3	L.GGQEDDVQVNEADALYTNPAQAR.E	27
PLOG-4345	proteomics_log	2174744	2174848	-	6	24	R.FDVSVEAELGQLGGQEDDVQVNEADALYTNPAQAR.E	39
PLOG-4346	proteomics_log	2174803	2174868	-	5	3	R.WWIFAIALMSASRRSWGNLAAAR.K	26
PLOG-4347	proteomics_log	2174849	2174878	-	6	6	R.VKEVDFCHR.F	14
PLOG-4348	proteomics_log	2174879	2174923	-	6	17	V.MIDASHLPFAQNISR.V	19
PLOG-4349	proteomics_log	2174879	2174929	-	6	95	R.SVM*IDASHLPFAQNISR.V	22
PLOG-4350	proteomics_log	2174879	2174929	-	6	586	R.SVMIDASHLPFAQNISR.V	21
PLOG-4351	proteomics_log	2174879	2174941	-	6	2	R.SGVR SVM*IDASHLPFAQNISR.V	26
PLOG-4352	proteomics_log	2174879	2174941	-	6	36	R.SGVR SVMIDASHLPFAQNISR.V	25
PLOG-4353	proteomics_log	2174891	2174929	-	6	9	R.SVMIDASHLPFAQ.N	17
PLOG-4354	proteomics_log	2174894	2174929	-	6	3	R.SVMIDASHLPFA.Q	16
PLOG-4355	proteomics_log	2174897	2174929	-	6	17	R.SVMIDASHLPFA.A	15
PLOG-4356	proteomics_log	2174942	2174968	-	6	34	K.FDDIAQKVR.S	13
PLOG-4357	proteomics_log	2174942	2175013	-	6	27	K.QYHHPLAIHLDHHTKFDDIAQKVR.S	28
PLOG-4358	proteomics_log	2174948	2174968	-	6	10	K.FDDIAQK.V	11
PLOG-4359	proteomics_log	2174948	2175013	-	6	6	K.QYHHPLAIHLDHHTKFDDIAQK.V	26
PLOG-4360	proteomics_log	2175014	2175064	-	6	2	F.THAGTENLLALVSAMAK.Q	21
PLOG-4361	proteomics_log	2175014	2175079	-	6	2	G.TPGTFTHAGTENLLALVSAMAK.Q	26
PLOG-4362	proteomics_log	2175014	2175082	-	6	25	A.GTPGTFTHAGTENLLALVSAMAK.Q	27
PLOG-4363	proteomics_log	2175014	2175085	-	6	5	I.AGTPGTFTHAGTENLLALVSAMAK.Q	28
PLOG-4364	proteomics_log	2175014	2175106	-	6	24	N.LHAPVIIAGTPGTFTHAGTENLLALVSAMAK.Q	35
PLOG-4365	proteomics_log	2175014	2175109	-	6	2	A.NLHAPVIIAGTPGTFTHAGTENLLALVSAMAK.Q	36

PLOG-4366	proteomics_log	2175014	2175112	-	6	21	A.ANLHAPVIIAGTPGTFTHAGTENLLALVSAMAK.Q	37
PLOG-4367	proteomics_log	2175014	2175115	-	6	3	T.AANLHAPVIIAGTPGTFTHAGTENLLALVSAMAK.Q	38
PLOG-4368	proteomics_log	2175014	2175133	-	6	3	M.QVVVETAANLHAPVIIAGTPGTFTHAGTENLLALVSAMAK.Q	44
PLOG-4369	proteomics_log	2175182	2175226	-	6	2	K.MYVVSTKQM*LNNAQR.G	20
PLOG-4370	proteomics_log	2175182	2175226	-	6	3	K.M*YVVSTKQMLNNAQR.G	20
PLOG-4371	proteomics_log	2175182	2175226	-	6	117	K.MYVVSTKQMLNNAQR.G	19
PLOG-4372	proteomics_log	2175206	2175226	-	6	3	K.MYVVSTK.Q	11
PLOG-4373	proteomics_log	2175206	2175226	-	6	3	K.M*YVVSTK.Q	12
PLOG-4374	proteomics_log	2175537	2175623	-	4	3	R.KAFKSMADGVKLINAVQDVYLDISKITIA.-	33
PLOG-4375	proteomics_log	2175549	2175587	-	4	13	K.LINAVQDVYLDISK.I	17
PLOG-4376	proteomics_log	2175549	2175608	-	4	21	K.SMADGVKLINAVQDVYLDISK.I	24
PLOG-4377	proteomics_log	2175558	2175587	-	4	2	K.LINAVQDVYL.D	14
PLOG-4378	proteomics_log	2175621	2175653	-	4	2	R.AGGMGLILGRK.A	15
PLOG-4379	proteomics_log	2175624	2175653	-	4	52	R.AGGMGLILGR.K	14
PLOG-4380	proteomics_log	2175675	2175737	-	4	83	R.AGLINSGGAAGGETDLSDAVR.T	25
PLOG-4381	proteomics_log	2175768	2175800	-	4	11	K.LTSENPIDLVR.Y	15
PLOG-4382	proteomics_log	2175801	2175842	-	4	4	K.AINYGYTDDRVSYSK.L	18
PLOG-4383	proteomics_log	2175978	2176022	-	4	24	R.AHELGMVTVLWAYLR.N	19
PLOG-4384	proteomics_log	2176023	2176055	-	4	6	R.QIEEISAAFER.A	15
PLOG-4385	proteomics_log	2176302	2176403	-	4	26	R.LAGTGYSILPVDQGVVHSAGASFAANPLYFDPK.N	38
PLOG-4386	proteomics_log	2176404	2176433	-	4	8	R.NMQTLYNTGR.L	14
PLOG-4387	proteomics_log	2176530	2176556	-	4	8	K.DADNLLQHR.C	13
PLOG-4388	proteomics_log	2176530	2176583	-	4	113	M.TDIAQLLGKADNLLQHR.C	22
PLOG-4389	proteomics_log	2176530	2176586	-	4	14	V.MTDIAQLLGKADNLLQHR.C	23
PLOG-4390	proteomics_log	2176557	2176583	-	4	13	M.TDIAQLLGK.D	13
PLOG-4391	proteomics_log	2181587	2181682	-	6	2	G.MKPMQLRITSRKKLTSLLCALGLISIVAIYPR.Q	36
PLOG-4392	proteomics_log	2181741	2181827	-	4	24	K.SWLSSALAQADTLEVGHGIGPVHFFHAWW.-	33
PLOG-4393	proteomics_log	2181828	2181863	-	4	11	R.HTNWADTVQEAQ.S	16
PLOG-4394	proteomics_log	2182050	2182079	-	4	3	R.TEQEM*LEQGR.S	15
PLOG-4395	proteomics_log	2182050	2182079	-	4	68	R.TEQEMLEQGR.S	14
PLOG-4396	proteomics_log	2182080	2182154	-	4	6	R.LLPQVSLITPNLPEAAALLDAPHAR.T	29
PLOG-4397	proteomics_log	2182080	2182160	-	4	22	R.SRLLPQVSLITPNLPEAAALLDAPHAR.T	31
PLOG-4398	proteomics_log	2182161	2182205	-	4	47	K.SGDPLLSPSAVATLR.S	19
PLOG-4399	proteomics_log	2182161	2182250	-	4	2	R.YQIQNVVLDTVMLAKSGDPLLSPSAVATLR.S	34
PLOG-4400	proteomics_log	2182206	2182250	-	4	73	R.YQIQNVVLDTVMLAK.S	19
PLOG-4401	proteomics_log	2182260	2182307	-	4	25	K.IGMLAETDIVEAVAER.L	20
PLOG-4402	proteomics_log	2182323	2182376	-	4	60	R.IEPDFVAAQLDSVFSQV.I	22
PLOG-4403	proteomics_log	2182323	2182397	-	4	2	R.GVQSVYRIEPDFVAAQLDSVFSQV.I	29
PLOG-4404	proteomics_log	2182538	2182609	-	6	37	R.SEGPGSFVPHFLDALWQLTQEVQA.-	28
PLOG-4405	proteomics_log	2182538	2182609	-	6	37	R.SEGPGSFVPHFLDALWQLTQEVQA.-	28
PLOG-4406	proteomics_log	2182739	2182777	-	6	35	R.IIGIHGGDPLMTK.V	17
PLOG-4407	proteomics_log	2182778	2182834	-	6	2	E.TGAIVVVTGEM*DYVTDGHR.I	24
PLOG-4408	proteomics_log	2182838	2182897	-	6	16	R.GVDTTDAAANAIPAAQTLAR.E	24
PLOG-4409	proteomics_log	2182847	2182897	-	6	5	R.GVDTTDAAANAIPAAQTL.L	21
PLOG-4410	proteomics_log	2182997	2183053	-	6	8	K.SSQTPWTLDPVAVGALDYR.R	23
PLOG-4411	proteomics_log	2183003	2183053	-	6	4	K.SSQTPWTLDPVAVGALD.Y	21

PLOG-4412	proteomics_log	2189509	2189622	-	5	2	K.MKGLLSLLIFSM*VLP AHAGIVIYGTRIIP AENKEVMV.Q	43
PLOG-4413	proteomics_log	2191777	2191827	-	5	48	K.SSTAVNLALALAAEGAK.V	21
PLOG-4414	proteomics_log	2191777	2191869	-	5	2	K.NIIAVSSGKGGV GKSSTAVNLALALAAEGAK.V	35
PLOG-4415	proteomics_log	2195388	2195423	-	4	7	L.M*VAAILEYVELR.Q	17
PLOG-4416	proteomics_log	2195479	2195562	-	5	2	Y.FSNEARMCSSVATIFNHSSEGNFFCPSR.R	32
PLOG-4417	proteomics_log	2195640	2195687	-	4	2	R.SSHLRHREQIGAGLQH.L	20
PLOG-4418	proteomics_log	2198891	2198914	-	6	2	G.RISAIKGR.R	12
PLOG-4419	proteomics_log	2201130	2201207	-	4	7	R.FQLIVIGAQTGNAFLANVLLIKDNRV.E	30
PLOG-4420	proteomics_log	2206036	2206080	-	5	2	S.SPQSVVSAASPRINR.Q	19
PLOG-4421	proteomics_log	2207525	2207608	-	6	3	R.NEYCCGNKNAHRSSVSGQREFHPAHRRT.Q	32
PLOG-4422	proteomics_log	2210331	2210372	-	4	2	E.IRLEDNGQAEILR.N	18
PLOG-4423	proteomics_log	2216196	2216246	-	4	2	G.FWLAAALALLACSDAIR.R	21
PLOG-4424	proteomics_log	2216607	2216630	-	4	2	K.KVAADYLK.Q	12
PLOG-4425	proteomics_log	2216631	2216651	-	4	5	A.VEGLDAK.K	11
PLOG-4426	proteomics_log	2216631	2216681	-	4	5	K.TLQQLNASIAVEGLDAK.K	21
PLOG-4427	proteomics_log	2216682	2216738	-	4	13	R.EYPQMAQWLQPVFASLDAK.T	23
PLOG-4428	proteomics_log	2216892	2216948	-	4	8	K.LGQDQLLSLAGGDTAVTIK.A	23
PLOG-4429	proteomics_log	2216991	2217020	-	4	3	K.LAASAEFIER.A	14
PLOG-4430	proteomics_log	2217021	2217047	-	4	3	R.YLQEGGTFK.L	13
PLOG-4431	proteomics_log	2217048	2217098	-	4	3	R.QDVAEKNKLTSLADLSR.Y	21
PLOG-4432	proteomics_log	2217099	2217152	-	4	9	K.LIWLT PAPANNTWTIAVR.Q	22
PLOG-4433	proteomics_log	2217300	2217407	-	4	34	K.IDTEGALLGNIIILQVLESHGVPTV NKVQLGTT PVVR.G	40
PLOG-4434	proteomics_log	2217330	2217407	-	4	9	K.IDTEGALLGNIIILQVLESHGVPTV NK.V	30
PLOG-4435	proteomics_log	2217330	2217419	-	4	2	K.VGSKIDTEGALLGNIIILQVLESHGVPTV NK.V	34
PLOG-4436	proteomics_log	2217819	2217881	-	4	2	K.ITLKPGETQTVSFPIDIEALK.F	25
PLOG-4437	proteomics_log	2218446	2218511	-	4	3	K.QSDVVAVVGEAQGMAHEASSR.T	26
PLOG-4438	proteomics_log	2218554	2218631	-	4	4	K.GANVTSDKGIIDFLNQYEEAVKVDPR.S	30
PLOG-4439	proteomics_log	2218869	2218904	-	4	2	K.ESDPVDTNAESR.L	16
PLOG-4440	proteomics_log	2218998	2219075	-	4	2	K.SGINM*SMSDEYYSKYL PGLIKSGKVT.M	31
PLOG-4441	proteomics_log	2219088	2219123	-	4	5	K.HGTAADPEDAVR.V	16
PLOG-4442	proteomics_log	2219604	2219660	-	4	24	R.TVFPISLGLASSFNLD AVK.T	23
PLOG-4443	proteomics_log	2219661	2219708	-	4	52	R.LKIPLFFAYDVLHGQR.T	20
PLOG-4444	proteomics_log	2219682	2219708	-	4	2	R.LKIPLFFAY.D	13
PLOG-4445	proteomics_log	2219709	2219741	-	4	2	R.AM*QDQVM*ELSR.L	17
PLOG-4446	proteomics_log	2219709	2219741	-	4	3	R.AMQDQVMELSR.L	15
PLOG-4447	proteomics_log	2219754	2219846	-	4	17	R.LISVGPDPNPKAIREMIKDGQVG AIFNTVTR.Q	35
PLOG-4448	proteomics_log	2219847	2219879	-	4	3	K.MTVDEKIGQLR.L	15
PLOG-4449	proteomics_log	2219847	2219909	-	4	4	R.DAFVTELLKMTVDEKIGQLR.L	25
PLOG-4450	proteomics_log	2219880	2219909	-	4	9	R.DAFVTELLK.M	14
PLOG-4451	proteomics_log	2219883	2219909	-	4	3	R.DAFVTELLK.K	13
PLOG-4452	proteomics_log	2219910	2219951	-	4	9	A.DDLFGNHPLTPEAR.D	18
PLOG-4453	proteomics_log	2221963	2222004	-	5	4	K.AAQM*AAAGQTAQND.-	19
PLOG-4454	proteomics_log	2224189	2224218	-	5	4	G.KCAENIQRQK.D	14
PLOG-4455	proteomics_log	2226156	2226215	-	4	3	S.PPVLGVANPGGVKHGLAANR.K	24
PLOG-4456	proteomics_log	2233035	2233067	-	4	2	L.SAAIVSSPDNR.T	15
PLOG-4457	proteomics_log	2235950	2235985	-	6	2	K.FEIQLIAELAK.K	16

PLOG-4458	proteomics_log	2236007	2236054	-	6	2	R.WLLTQEPEILMLDEPTR.G	20
PLOG-4459	proteomics_log	2237375	2237425	-	6	21	R.VPYVGVGDKDNLAEFSSK.-	21
PLOG-4460	proteomics_log	2237375	2237434	-	6	28	K.VVRVPYVGVGDKDNLAEFSSK.-	24
PLOG-4461	proteomics_log	2237375	2237446	-	6	24	K.IDNKVVRVPYVGVGDKDNLAEFSSK.-	28
PLOG-4462	proteomics_log	2237378	2237425	-	6	19	R.VPYVGVGDKDNLAEFSSK.K	20
PLOG-4463	proteomics_log	2237378	2237434	-	6	5	K.VVRVPYVGVGDKDNLAEFSSK.K	23
PLOG-4464	proteomics_log	2237426	2237491	-	6	8	K.NLADGKGAADGTNWKIDNKVVR.V	26
PLOG-4465	proteomics_log	2237435	2237491	-	6	7	K.NLADGKGAADGTNWKIDNK.V	23
PLOG-4466	proteomics_log	2237447	2237491	-	6	11	K.NLADGKGAADGTNWK.I	19
PLOG-4467	proteomics_log	2237492	2237563	-	6	69	K.SGALAGTVLNDANNQAKATFDLAK.N	28
PLOG-4468	proteomics_log	2237513	2237563	-	6	215	K.SGALAGTVLNDANNQAK.A	21
PLOG-4469	proteomics_log	2237513	2237587	-	6	152	L.PEALALVKSGALAGTVLNDANNQAK.A	29
PLOG-4470	proteomics_log	2237513	2237620	-	6	5	K.SSIPVFGVDALPEALALVKSGALAGTVLNDANNQAK.A	40
PLOG-4471	proteomics_log	2237564	2237611	-	6	5	I.PVFGVDALPEALALVK.S	20
PLOG-4472	proteomics_log	2237564	2237620	-	6	249	K.SSIPVFGVDALPEALALVK.S	23
PLOG-4473	proteomics_log	2237564	2237632	-	6	18	K.AHNKSSIPVFGVDALPEALALVK.S	27
PLOG-4474	proteomics_log	2237633	2237734	-	6	2	K.DKMDAWLSGPNANKIEVVIANNNDAMAMGAVEALK.A	38
PLOG-4475	proteomics_log	2237696	2237785	-	6	4	K.TEQLQLDTAM*WDTAQAKDKMDAWLSGPNAN.K	35
PLOG-4476	proteomics_log	2237786	2237827	-	6	8	R.TTYVIKELNDKGKIK.T	18
PLOG-4477	proteomics_log	2237828	2237860	-	6	9	K.GEPGHPDAEAR.T	15
PLOG-4478	proteomics_log	2237828	2237926	-	6	4	K.HWAANQGWDLNKDGQIQFVLLKGEPGHPDAEAR.T	37
PLOG-4479	proteomics_log	2237861	2237890	-	6	2	K.DGQIQFVLLK.G	14
PLOG-4480	proteomics_log	2237861	2237926	-	6	19	K.HWAANQGWDLNKDGQIQFVLLK.G	26
PLOG-4481	proteomics_log	2237927	2238010	-	6	3	K.ALDSYDKAYYVGTDSKESGIIQGDLIAK.H	32
PLOG-4482	proteomics_log	2237963	2238010	-	6	4	K.ALDSYDKAYYVGTDSK.E	20
PLOG-4483	proteomics_log	2237963	2238013	-	6	4	R.KALDSYDKAYYVGTDSK.E	21
PLOG-4484	proteomics_log	2237990	2238013	-	6	2	R.KALDSYDK.A	12
PLOG-4485	proteomics_log	2238011	2238058	-	6	5	R.GQNVPPVFFNKEPSRK.A	20
PLOG-4486	proteomics_log	2238011	2238064	-	6	6	K.ARGQNVPPVFFNKEPSRK.A	22
PLOG-4487	proteomics_log	2238014	2238058	-	6	50	R.GQNVPPVFFNKEPSR.K	19
PLOG-4488	proteomics_log	2238014	2238064	-	6	16	K.ARGQNVPPVFFNKEPSR.K	21
PLOG-4489	proteomics_log	2238059	2238118	-	6	79	K.ALAINLVDPAAGTVIEKAR.G	24
PLOG-4490	proteomics_log	2238059	2238127	-	6	31	K.GVKALAINLVDPAAGTVIEKAR.G	27
PLOG-4491	proteomics_log	2238065	2238118	-	6	231	K.ALAINLVDPAAGTVIEK.A	22
PLOG-4492	proteomics_log	2238065	2238127	-	6	4	K.GVKALAINLVDPAAGTVIEK.A	25
PLOG-4493	proteomics_log	2238068	2238118	-	6	5	K.ALAINLVDPAAGTVIE.K	21
PLOG-4494	proteomics_log	2238119	2238214	-	6	6	K.AAPDVQLLMNDSQNDQSKQNDQIDVLLAKGVK.A	36
PLOG-4495	proteomics_log	2238128	2238160	-	6	2	K.QNDQIDVLLAK.G	15
PLOG-4496	proteomics_log	2238128	2238208	-	6	4	A.PDVQLLMNDSQNDQSKQNDQIDVLLAK.G	31
PLOG-4497	proteomics_log	2238128	2238214	-	6	3	K.AAPDVQLLM*NDSQNDQSKQNDQIDVLLAK.G	34
PLOG-4498	proteomics_log	2238128	2238214	-	6	41	K.AAPDVQLLMNDSQNDQSKQNDQIDVLLAK.G	33
PLOG-4499	proteomics_log	2238161	2238214	-	6	4	K.AAPDVQLLMNDSQNDQSK.Q	22
PLOG-4500	proteomics_log	2238236	2238289	-	6	36	R.IGVTIYKYDDNFMSVVRK.A	22
PLOG-4501	proteomics_log	2238239	2238268	-	6	4	K.YDDNFMSVVR.K	14
PLOG-4502	proteomics_log	2238239	2238289	-	6	4	R.IGVTIYKYDDNFMSVVR.K	22
PLOG-4503	proteomics_log	2238239	2238289	-	6	119	R.IGVTIYKYDDNFMSVVR.K	21



PLOG-4504	proteomics_log	2238263	2238289	-	6	5	R.IGVTIYKYD.D	13
PLOG-4505	proteomics_log	2241027	2241059	-	4	2	K.SSQNTRHEFLR.A	15
PLOG-4506	proteomics_log	2241027	2241116	-	4	23	R.GIRDATSATTTTSLGGLFKSSQNTRHEFLR.A	34
PLOG-4507	proteomics_log	2241042	2241116	-	4	12	R.GIRDATSATTTTSLGGLFKSSQNTR.H	29
PLOG-4508	proteomics_log	2241060	2241107	-	4	61	R.DATSATTTTSLGGLFK.S	20
PLOG-4509	proteomics_log	2241060	2241116	-	4	168	R.GIRDATSATTTTSLGGLFK.S	23
PLOG-4510	proteomics_log	2241264	2241311	-	4	4	K.ATVAYIPKDSVIGLSK.I	20
PLOG-4511	proteomics_log	2241396	2241467	-	4	116	K.MYVDEIFSGLDYANFPKITLIENK.M	28
PLOG-4512	proteomics_log	2241396	2241467	-	4	116	K.M*YVDEIFSGLDYANFPKITLIENK.M	29
PLOG-4513	proteomics_log	2241417	2241467	-	4	98	K.MYVDEIFSGLDYANFPK.I	21
PLOG-4514	proteomics_log	2241417	2241467	-	4	98	K.M*YVDEIFSGLDYANFPK.I	22
PLOG-4515	proteomics_log	2241420	2241467	-	4	17	K.MYVDEIFSGLDYANFPK	20
PLOG-4516	proteomics_log	2241468	2241563	-	4	22	K.SLIAGHMTEIMQLLNLDLADDSLMETPHRIAK.M	36
PLOG-4517	proteomics_log	2241468	2241566	-	4	6	R.KSLIAGHMTEIMQLLNLDLADDSLMETPHRIAK.M	37
PLOG-4518	proteomics_log	2241477	2241563	-	4	8	K.SLIAGHMTEIMQLLNLDLADDSLM*ETPHR.I	34
PLOG-4519	proteomics_log	2241477	2241563	-	4	165	K.SLIAGHMTEIMQLLNLDLADDSLMETPHR.I	33
PLOG-4520	proteomics_log	2241477	2241566	-	4	83	R.KSLIAGHMTEIMQLLNLDLADDSLMETPHR.I	34
PLOG-4521	proteomics_log	2241477	2241569	-	4	2	T.RKSLIAGHM*TEIM*QLLNLDLADDSLM*ETPHR.I	38
PLOG-4522	proteomics_log	2241564	2241620	-	4	45	R.GLETPLRPPVHEMDNETRK.S	23
PLOG-4523	proteomics_log	2241567	2241620	-	4	25	R.GLETPLRPPVHEMDNETR.K	22
PLOG-4524	proteomics_log	2241621	2241656	-	4	118	K.EAALVHEALVAR.G	16
PLOG-4525	proteomics_log	2241621	2241671	-	4	311	M.PSLSKEAALVHEALVAR.G	21
PLOG-4526	proteomics_log	2242803	2242829	-	4	16	R.YFMAVDYRF-	13
PLOG-4527	proteomics_log	2242830	2242901	-	4	4	R.AGVLNLGDKDLSRDDYSYNEDGRR.Y	28
PLOG-4528	proteomics_log	2242830	2242907	-	4	3	K.LRAGVLNLGDKDLSRDDYSYNEDGRR.Y	30
PLOG-4529	proteomics_log	2242863	2242907	-	4	2	K.LRAGVLNLGDKDLSR.D	19
PLOG-4530	proteomics_log	2242902	2242970	-	4	4	K.TPGGYTIWNTGAAWQVTKDVKLR.A	27
PLOG-4531	proteomics_log	2242908	2242970	-	4	19	K.TPGGYTIWNTGAAWQVTKDVK.L	25
PLOG-4532	proteomics_log	2242917	2242970	-	4	9	K.TPGGYTIWNTGAAWQVTK.D	22
PLOG-4533	proteomics_log	2243160	2243210	-	4	2	R.IQGVETELKIPFNDEWK.L	21
PLOG-4534	proteomics_log	2243211	2243252	-	4	59	R.RIPVFSYNNVVKAR.I	18
PLOG-4535	proteomics_log	2243217	2243249	-	4	2	R.IPVFSYNNVVK.A	15
PLOG-4536	proteomics_log	2243217	2243252	-	4	55	R.RIPVFSYNNVVK.A	16
PLOG-4537	proteomics_log	2243253	2243321	-	4	76	R.TSDVNAAPGYQNFVGFETGANGR.R	27
PLOG-4538	proteomics_log	2243481	2243558	-	4	33	K.GGWATAFKAPSLQLSPDWTSNSCRG.A	30
PLOG-4539	proteomics_log	2243601	2243642	-	4	43	R.MDDHETYGEHWSR.A	18
PLOG-4540	proteomics_log	2243601	2243678	-	4	2	R.IFEPLALTTGVRMDDHETYGEHWSR.A	30
PLOG-4541	proteomics_log	2243643	2243678	-	4	137	R.IFEPLALTTGVR.M	16
PLOG-4542	proteomics_log	2243643	2243723	-	4	63	K.TSASQYALFVEDEWRIFEPLALTTGVR.M	31
PLOG-4543	proteomics_log	2243679	2243723	-	4	18	K.TSASQYALFVEDEWR.I	19
PLOG-4544	proteomics_log	2243724	2243765	-	4	4	K.LSDAVNLTGGTSSK.T	18
PLOG-4545	proteomics_log	2243724	2243774	-	4	3	R.HDKLSDAVNLTGGTSSK.T	21
PLOG-4546	proteomics_log	2243775	2243831	-	4	7	K.YTLPLTAINQFLTVGGEWR.H	23
PLOG-4547	proteomics_log	2243979	2244005	-	4	4	R.DSDSLDKNR.L	13
PLOG-4548	proteomics_log	2243979	2244014	-	4	7	R.QDRDSDSLDKNR.L	16
PLOG-4549	proteomics_log	2244015	2244086	-	4	8	R.DGNVEFAWTPNQNHDFTAGYGFDR.Q	28

PLOG-4550	proteomics_log	2244087	2244164	-	4	2	K.REKDDPQNSTTTDTGETPRIEGFSSR.D	30
PLOG-4551	proteomics_log	2244108	2244155	-	4	3	K.DDPQNSTTTDTGETPR.I	20
PLOG-4552	proteomics_log	2244108	2244161	-	4	20	R.EKDDPQNSTTTDTGETPR.I	22
PLOG-4553	proteomics_log	2244108	2244164	-	4	13	K.REKDDPQNSTTTDTGETPR.I	23
PLOG-4554	proteomics_log	2244108	2244185	-	4	6	K.AYGLAKREKDDPQNSTTTDTGETPR.I	30
PLOG-4555	proteomics_log	2244165	2244185	-	4	4	K.AYGLAK.R	11
PLOG-4556	proteomics_log	2244186	2244257	-	4	36	R.DRGDTYNGQFFTSGLPLIDGVLGMK.A	28
PLOG-4557	proteomics_log	2244258	2244317	-	4	2	K.KIGQKWSGTVTVDTTIQHR.D	24
PLOG-4558	proteomics_log	2244315	2244380	-	4	4	R.GPMSSLYGSDALGGVVNIITKK.I	26
PLOG-4559	proteomics_log	2244315	2244395	-	4	6	R.IEVVRGPM*SSLYGSDALGGVVNIITKK.I	32
PLOG-4560	proteomics_log	2244315	2244395	-	4	133	R.IEVVRGPMSSLYGSDALGGVVNIITKK.I	31
PLOG-4561	proteomics_log	2244318	2244380	-	4	2	R.GPM*SSLYGSDALGGVVNIITK.K	26
PLOG-4562	proteomics_log	2244318	2244380	-	4	11	R.GPMSSLYGSDALGGVVNIITK.K	25
PLOG-4563	proteomics_log	2244318	2244395	-	4	22	R.IEVVRGPMSSLYGSDALGGVVNIITK.K	30
PLOG-4564	proteomics_log	2244396	2244443	-	4	97	R.HNDFDLNWIPVDSIER.I	20
PLOG-4565	proteomics_log	2244396	2244458	-	4	103	R.NAVFRHNDFDLNWIPVDSIER.I	25
PLOG-4566	proteomics_log	2244459	2244515	-	4	37	R.GLDSYTLILVDGKRVNSR.N	23
PLOG-4567	proteomics_log	2244471	2244515	-	4	23	R.GLDSYTLILVDGKR.V	19
PLOG-4568	proteomics_log	2244474	2244515	-	4	23	R.GLDSYTLILVDGK.R	18
PLOG-4569	proteomics_log	2244534	2244575	-	4	3	K.EVPGVQLTNEGDN.R.K	18
PLOG-4570	proteomics_log	2244534	2244608	-	4	9	R.KPVQNLKDVLEKVPVQLTNEGDN.R.K	29
PLOG-4571	proteomics_log	2244609	2244656	-	4	2	K.DAPASISVITQEDLQR.K	20
PLOG-4572	proteomics_log	2244609	2244716	-	4	16	A.VDDDGETMVVTASSVEQNLKDAPASISVITQEDLQR.K	40
PLOG-4573	proteomics_log	2244657	2244716	-	4	2	A.VDDDGETM*VVTASSVEQNLK.D	25
PLOG-4574	proteomics_log	2247365	2247433	-	6	2	R.ALALLEQAVEIEQLFREDNGAIR.I	27
PLOG-4575	proteomics_log	2252393	2252458	-	6	2	P.DGIKTQEMYVEDVNSGPCYGR.T	26
PLOG-4576	proteomics_log	2255793	2255849	-	4	2	T.FGVPLIGYQTKALPAFFCR.T	23
PLOG-4577	proteomics_log	2256012	2256056	-	4	3	T.TVASTMIIAALAGIK.V	19
PLOG-4578	proteomics_log	2258887	2259006	-	5	4	R.GSVGAGNAITPEEVAAADLVIVAADIEVDLAKFAGKPM*YR.T	45
PLOG-4579	proteomics_log	2258911	2259006	-	5	43	R.GSVGAGNAITPEEVAAADLVIVAADIEVDLAK.F	36
PLOG-4580	proteomics_log	2259388	2259432	-	5	4	I.MKTLIIIDANLGQAR.A	19
PLOG-4581	proteomics_log	2260390	2260431	-	5	5	K.AIGDAIAAGLGEGA.-	18
PLOG-4582	proteomics_log	2260390	2260470	-	5	3	R.FTAQGADAEQALKAIGDAIAAGLGEGA.-	31
PLOG-4583	proteomics_log	2260390	2260476	-	5	8	R.LRFTAQGADAEQALKAIGDAIAAGLGEGA.-	33
PLOG-4584	proteomics_log	2260639	2260731	-	5	2	R.LLKADAATLLALLTSDDAPTDDVLSAEFVVR.N	35
PLOG-4585	proteomics_log	2260732	2260767	-	5	3	R.LADLLLDNKADR.L	16
PLOG-4586	proteomics_log	2260768	2260860	-	5	14	R.AANAFDVDGETAAMLVSVAMNDDQPIAVLKR.L	35
PLOG-4587	proteomics_log	2275918	2275971	-	5	3	R.LKNFGVAIAEPFSNYNPF.-	22
PLOG-4588	proteomics_log	2277813	2277893	-	4	3	R.IGGITLDADLAPGEYRPLTEEEIASVV.-	31
PLOG-4589	proteomics_log	2277981	2278055	-	4	14	K.GVQLHNEKDLTKPAVLEVITPTQVR.L	29
PLOG-4590	proteomics_log	2278401	2278436	-	4	4	R.GNRVTVDGEIVR.N	16
PLOG-4591	proteomics_log	2278461	2278490	-	4	5	K.FIAQQLGVS.R.A	14
PLOG-4592	proteomics_log	2278461	2278505	-	4	3	H.M*RLDKFIAQQLGVS.R.A	20
PLOG-4593	proteomics_log	2278461	2278505	-	4	27	H.MRLDKFIAQQLGVS.R.A	19
PLOG-4594	proteomics_log	2280508	2280597	-	5	2	R.RRRLAPLPCSLRRTSALIVNISFSLKLILLQ.A	34
PLOG-4595	proteomics_log	2281019	2281057	-	6	7	R.IFWDPATDTLTIK.G	17

PLOG-4596	proteomics_log	2281058	2281117	-	6	2	K.FAGSGGGLTINFDAMLLGER.I	24
PLOG-4597	proteomics_log	2281313	2281372	-	6	2	R.GLLQAVDDFTAEAQLDKAER.Q	24
PLOG-4598	proteomics_log	2281385	2281438	-	6	12	K.VADFFMDFLGASEGLNAK.A	22
PLOG-4599	proteomics_log	2281385	2281441	-	6	8	R.KVADFFMDFLGASEGLNAK.A	23
PLOG-4600	proteomics_log	2281586	2281642	-	6	6	R.YLAVEYLLVAVLSNLSSMR.V	23
PLOG-4601	proteomics_log	2281724	2281756	-	6	3	R.QGEEDFLAFSR.A	15
PLOG-4602	proteomics_log	2281766	2281813	-	6	15	K.AYGLFSESELAQTLR.L	20
PLOG-4603	proteomics_log	2281766	2281819	-	6	9	K.NKAYGLFSESELAQTLR.L	22
PLOG-4604	proteomics_log	2281835	2281921	-	6	11	R.DEQNLELVLRDSLLEPTETVVEMVAELHR.V	33
PLOG-4605	proteomics_log	2281892	2281966	-	6	2	M.SLDINQIALHQLIKRDEQNLELVLR.D	29
PLOG-4606	proteomics_log	2281925	2281966	-	6	2	M.SLDINQIALHQLIK.R	18
PLOG-4607	proteomics_log	2282243	2282329	-	6	9	K.ELAIAWRWAGAMLVLIRLVTM*LPNTIRER.S	34
PLOG-4608	proteomics_log	2303727	2303765	-	4	3	R.VVLFPGPFATFSTK.F	17
PLOG-4609	proteomics_log	2304180	2304209	-	4	2	R.DPQQKVAATR.T	14
PLOG-4610	proteomics_log	2304276	2304308	-	4	27	R.YAALQQSSLFR.G	15
PLOG-4611	proteomics_log	2304315	2304380	-	4	22	R.SFINTVPHMSFVWGEDNVNFLR.A	26
PLOG-4612	proteomics_log	2304429	2304464	-	4	11	K.AVAINEAFQISR.Q	16
PLOG-4613	proteomics_log	2309671	2309724	-	5	23	R.DAGINTDNIVALGLVYQF.-	22
PLOG-4614	proteomics_log	2309725	2309757	-	5	8	K.INLLDDNQFTR.D	15
PLOG-4615	proteomics_log	2309785	2309847	-	5	3	R.GYDDEDILKYVDVGATYYFNK.N	25
PLOG-4616	proteomics_log	2309785	2309865	-	5	3	K.GKNLGRGYDDEDILKYVDVGATYYFNK.N	31
PLOG-4617	proteomics_log	2309944	2309970	-	5	4	R.VGSLGWANK.A	13
PLOG-4618	proteomics_log	2310253	2310312	-	5	13	R.NTDFFLVDGLNFAVQYQGK.N	24
PLOG-4619	proteomics_log	2310271	2310312	-	5	3	R.NTDFFLVDGLNFA.V	18
PLOG-4620	proteomics_log	2310337	2310432	-	5	2	R.NYGVVYDVTSWTDVLPFEGGDYGSDFNMQR.G	36
PLOG-4621	proteomics_log	2310433	2310465	-	5	8	K.FQDVGSFDYGR.N	15
PLOG-4622	proteomics_log	2310433	2310486	-	5	3	R.VAFAGLKFQDVGSFDYGR.N	22
PLOG-4623	proteomics_log	2310598	2310627	-	5	3	K.DVDGDQTYM*R.L	15
PLOG-4624	proteomics_log	2310598	2310660	-	5	2	K.VDGLHYFSDNKNKVDVDGDQTYM*R.L	26
PLOG-4625	proteomics_log	2310598	2310660	-	5	3	K.VDGLHYFSDNKNKVDVDGDQTYMR.L	25
PLOG-4626	proteomics_log	2310598	2310708	-	5	2	A.AEVYNKDGKLDLYGKVDGLHYFSDNKNKVDVDGDQTYM*R.L	42
PLOG-4627	proteomics_log	2310661	2310708	-	5	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-4628	proteomics_log	2310661	2310708	-	5	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-4629	proteomics_log	2310661	2310708	-	5	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-4630	proteomics_log	2310661	2310708	-	5	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-4631	proteomics_log	2314726	2314752	-	5	2	F.WLLM*VLILR.F	14
PLOG-4632	proteomics_log	2315805	2315888	-	4	2	G.DISVDSEPGMGSQFTVRIPLYGAQYPQK.K	32
PLOG-4633	proteomics_log	2316894	2316980	-	4	5	D.KVLERIRM*LILNAILLNVLAGAALFTLAR.M	34
PLOG-4634	proteomics_log	2322441	2322491	-	4	4	Y.RAPFSQALPSSRGLLLR.L	21
PLOG-4635	proteomics_log	2325121	2325165	-	5	2	R.DGPAVDIHFLRIKAQ.V	19
PLOG-4636	proteomics_log	2329074	2329127	-	4	2	R.QMIQDNRLRLMLQLAGPGA.R	22
PLOG-4637	proteomics_log	2332922	2333014	-	6	2	R.LAVATHNLAAM*RHGLLALICWLCCVVAHSE.M	36
PLOG-4638	proteomics_log	2332922	2333014	-	6	2	R.LAVATHNLAAM*RHGLLALICWLCCVVAHSE.M	36
PLOG-4639	proteomics_log	2334818	2334928	-	6	2	R.VAEPVDEEDLDTIDGSAAEGDDEIAPEVDVDDEPEEE.-	41
PLOG-4640	proteomics_log	2334929	2334964	-	6	62	R.TAEDENVVGLQR.V	16
PLOG-4641	proteomics_log	2334965	2334991	-	6	50	R.NTQGVILIR.T	13

PLOG-4642	proteomics_log	2334992	2335018	-	6	13	R.VSEISIVGR.N	13
PLOG-4643	proteomics_log	2334992	2335024	-	6	60	R.TRVSEISIVGR.N	15
PLOG-4644	proteomics_log	2335106	2335144	-	6	2	R.ATKGVISIKVTER.N	17
PLOG-4645	proteomics_log	2335145	2335177	-	6	88	R.TAVAEYPTKSR.A	15
PLOG-4646	proteomics_log	2335151	2335177	-	6	14	R.TAVAEYPTK.S	13
PLOG-4647	proteomics_log	2335178	2335225	-	6	11	R.GDGAILTATQNGYGKR.T	20
PLOG-4648	proteomics_log	2335226	2335267	-	6	231	R.LGEGDKVVSLIVPR.G	18
PLOG-4649	proteomics_log	2335226	2335276	-	6	12	R.GIRLGECDKVVSLIVPR.G	21
PLOG-4650	proteomics_log	2335226	2335288	-	6	2	T.TGVRGIRLGECDKVVSLIVPR.G	25
PLOG-4651	proteomics_log	2335277	2335306	-	6	5	R.AMGCNTTGVR.G	14
PLOG-4652	proteomics_log	2335337	2335417	-	6	4	K.LVDGDELIGVDLTSGEDEVMFLSAEGK.V	31
PLOG-4653	proteomics_log	2335337	2335417	-	6	4	K.LVDGDELIGVDLTSGEDEVM*LFSAEGK.V	32
PLOG-4654	proteomics_log	2335448	2335474	-	6	6	K.KTVLTFEVR.L	13
PLOG-4655	proteomics_log	2335448	2335552	-	6	2	R.ITAILPVTEFEEGVKVFMATANGTVKKTVLTFEVR.L	39
PLOG-4656	proteomics_log	2335475	2335552	-	6	43	R.ITAILPVTEFEEGVKVFMATANGTVK.K	30
PLOG-4657	proteomics_log	2335553	2335597	-	6	16	R.GRPVNVLLPLEQDER.I	19
PLOG-4658	proteomics_log	2335607	2335633	-	6	7	K.VYQLPEATR.G	13
PLOG-4659	proteomics_log	2335652	2335702	-	6	16	R.LLVANTHDHILCFSSRG.R	21
PLOG-4660	proteomics_log	2335652	2335729	-	6	50	R.IKEEDFIDRLLVANTHDHILCFSSRG.R	30
PLOG-4661	proteomics_log	2335655	2335729	-	6	2	R.IKEEDFIDRLLVANTHDHILCFSSR.G	29
PLOG-4662	proteomics_log	2335703	2335729	-	6	21	R.IKEEDFIDR.L	13
PLOG-4663	proteomics_log	2335760	2335792	-	6	2	K.YQPLSEYEAQR.R	15
PLOG-4664	proteomics_log	2335793	2335888	-	6	4	R.TEITANSADINLEDLITQEDVVVTLSHQGYVK.Y	36
PLOG-4665	proteomics_log	2335973	2336023	-	6	9	K.LLDEYKELLDQIAELLR.I	21
PLOG-4666	proteomics_log	2335973	2336047	-	6	10	K.LTGLEHEKLLDEYKELLDQIAELLR.I	29
PLOG-4667	proteomics_log	2336165	2336221	-	6	64	K.TALVANPWQLGNVAAMLER.A	23
PLOG-4668	proteomics_log	2336165	2336230	-	6	3	A.EAKTALVANPWQLGNVAAM*LER.A	27
PLOG-4669	proteomics_log	2336222	2336314	-	6	2	R.AHILEALAVANIDPIIELIRHAPTPAEAK.T	35
PLOG-4670	proteomics_log	2336249	2336314	-	6	45	R.AHILEALAVANIDPIIELIR.H	26
PLOG-4671	proteomics_log	2336249	2336320	-	6	41	R.DRAHILEALAVANIDPIIELIR.H	28
PLOG-4672	proteomics_log	2336375	2336413	-	6	17	K.IMNLKDIIAAFVR.H	17
PLOG-4673	proteomics_log	2336588	2336614	-	6	3	K.IAELVKEKR.V	13
PLOG-4674	proteomics_log	2336627	2336683	-	6	7	K.TGRETIIVHEIPYQVNKAR.L	23
PLOG-4675	proteomics_log	2336633	2336674	-	6	2	R.ETIIVHEIPYQVVK.A	18
PLOG-4676	proteomics_log	2336633	2336683	-	6	4	K.TGRETIIVHEIPYQVVK.A	21
PLOG-4677	proteomics_log	2337065	2337145	-	6	7	R.YMLVDGQGNFGSIDGDSAAAMRYTEIR.L	31
PLOG-4678	proteomics_log	2337080	2337145	-	6	4	R.YM*LVDGQGNFGSIDGDSAAAM*R.Y	28
PLOG-4679	proteomics_log	2337080	2337145	-	6	24	R.YMLVDGQGNFGSIDGDSAAAMR.Y	26
PLOG-4680	proteomics_log	2337146	2337169	-	6	41	R.MAQPFSLR.Y	12
PLOG-4681	proteomics_log	2337170	2337214	-	6	3	K.YHPHGDSAVYDTIVR.M	19
PLOG-4682	proteomics_log	2337170	2337238	-	6	127	R.VVGDVIGKYHPHGDSAVYDTIVR.M	27
PLOG-4683	proteomics_log	2337260	2337301	-	6	29	R.VLYAMNVLGNDWNK.A	18
PLOG-4684	proteomics_log	2337347	2337388	-	6	9	K.SSYLDYAMSVIVGR.A	18
PLOG-4685	proteomics_log	2337347	2337424	-	6	169	R.EITPVNIEEELKSSYLDYAMSVIVGR.A	30
PLOG-4686	proteomics_log	2337347	2337439	-	6	62	M.SDLAREITPVNIEEELKSSYLDYAMSVIVGR.A	35
PLOG-4687	proteomics_log	2337389	2337424	-	6	2	R.EITPVNIEEELK.S	16

PLOG-4688	proteomics_log	2346041	2346091	-	6	2	L.ALPSINSRSANAQEAK.L	21
PLOG-4689	proteomics_log	2347975	2348022	-	5	19	K.AGVNGLFTDFPKAVK.F	20
PLOG-4690	proteomics_log	2347975	2348085	-	5	7	R.SDKLPEYTPDVNQLYDALYNKAGVNGLFTDFPKAVK.F	41
PLOG-4691	proteomics_log	2347984	2348022	-	5	3	K.AGVNGLFTDFPK.A	17
PLOG-4692	proteomics_log	2348023	2348085	-	5	16	R.SDKLPEYTPDVNQLYDALYNK.A	25
PLOG-4693	proteomics_log	2348113	2348148	-	5	2	K.LTGM*VQDAQQNK.L	17
PLOG-4694	proteomics_log	2348113	2348148	-	5	17	K.LTGMVQDAQQNK.L	16
PLOG-4695	proteomics_log	2348149	2348229	-	5	3	K.QVAEYADGIGPDYHMLIEETSQPGNIK.L	31
PLOG-4696	proteomics_log	2348293	2348358	-	5	4	K.MGMELNLVQLIAYTDWNETQQK.Q	26
PLOG-4697	proteomics_log	2348359	2348382	-	5	6	R.IKNELEPK.M	12
PLOG-4698	proteomics_log	2348422	2348448	-	5	2	K.YGYTGKDDK.V	13
PLOG-4699	proteomics_log	2348470	2348514	-	5	9	K.APWFHHQEGKDIAAK.T	19
PLOG-4700	proteomics_log	2348515	2348601	-	5	6	R.VHTFEEIEFVQGLNHSTGKNIGIYPEIK.A	33
PLOG-4701	proteomics_log	2348515	2348613	-	5	8	K.SDFRVHTFEEIEFVQGLNHSTGKNIGIYPEIK.A	37
PLOG-4702	proteomics_log	2348542	2348601	-	5	16	R.VHTFEEIEFVQGLNHSTGK.N	24
PLOG-4703	proteomics_log	2348542	2348613	-	5	8	K.SDFRVHTFEEIEFVQGLNHSTGK.N	28
PLOG-4704	proteomics_log	2348614	2348649	-	5	2	K.VQTYPGRFPMGK.S	16
PLOG-4705	proteomics_log	2348686	2348730	-	5	12	R.YYIDFTLDEIKSLK.F	19
PLOG-4706	proteomics_log	2348686	2348742	-	5	4	R.KDGRYYAIDFTLDEIKSLK.F	23
PLOG-4707	proteomics_log	2348695	2348730	-	5	32	R.YYIDFTLDEIK.S	16
PLOG-4708	proteomics_log	2348881	2348922	-	5	37	R.GASGYLPEHTLPAK.A	18
PLOG-4709	proteomics_log	2348923	2348958	-	5	17	A.ADSNEKIVIAHR.G	16
PLOG-4710	proteomics_log	2349638	2349733	-	6	2	E.EYKNDYPDDYNEKAEQELTAKQIFM*QYVLPNK.L	37
PLOG-4711	proteomics_log	2349865	2349939	-	5	2	K.NVAALCQCCTVRTTSVVVFRRCSC.W	29
PLOG-4712	proteomics_log	2361491	2361535	-	6	2	R.NTVGDNLDDLVTILR.E	19
PLOG-4713	proteomics_log	2363397	2363444	-	4	3	D.RSTNQCLSDKTGITVK.G	20
PLOG-4714	proteomics_log	2366847	2366915	-	4	2	S.NAVARLSGDDFQRAIATGNQQWR.N	27
PLOG-4715	proteomics_log	2371994	2372095	-	6	2	A.SMAEGYWRNGQLVSLVNDGQWYATRDRGEM*HNGK.L	39
PLOG-4716	proteomics_log	2373082	2373156	-	5	2	R.IAAWLTPDTIPGLDLDLMQAQQVR.R	29
PLOG-4717	proteomics_log	2374152	2374184	-	4	12	R.EMLQNSPMALR.C	15
PLOG-4718	proteomics_log	2374194	2374262	-	4	107	K.QALDMGLVNTVVPLADLEKETVR.W	27
PLOG-4719	proteomics_log	2374194	2374277	-	4	2	R.QYDAKQALDMGLVNTVVPLADLEKETVR.W	32
PLOG-4720	proteomics_log	2374650	2374706	-	4	36	R.NAFRPLTVKEMIQALADAR.Y	23
PLOG-4721	proteomics_log	2378492	2378587	-	6	2	R.VIDIPFPLKDAFDALSWLASQTYPPQFYWQQR.N	36
PLOG-4722	proteomics_log	2378747	2378836	-	6	25	R.ADDYVHEKPWQGIGVGAAGLVGLLLLARR.-	34
PLOG-4723	proteomics_log	2378750	2378836	-	6	44	R.ADDYVHEKPWQGIGVGAAGLVGLLLLARR.R	33
PLOG-4724	proteomics_log	2378858	2378890	-	6	15	R.VSQASDSYYYR.A	15
PLOG-4725	proteomics_log	2378891	2378914	-	6	13	K.ALDDVKKR.V	12
PLOG-4726	proteomics_log	2378891	2378923	-	6	43	R.AEKALDDVKKR.V	15
PLOG-4727	proteomics_log	2378897	2378923	-	6	3	R.AEKALDDVK.K	13
PLOG-4728	proteomics_log	2378924	2378971	-	6	2	R.SSGDPADQKYVELKAR.A	20
PLOG-4729	proteomics_log	2378924	2379022	-	6	10	R.IDDDLTLSETLEEVLRSAGDPADQKYVELKAR.A	37
PLOG-4730	proteomics_log	2378924	2379046	-	6	8	M.SNQFGDTRIDDDLTLSETLEEVLRSAGDPADQKYVELKAR.A	45
PLOG-4731	proteomics_log	2378930	2378971	-	6	29	R.SSGDPADQKYVELK.A	18
PLOG-4732	proteomics_log	2378930	2379022	-	6	34	R.IDDDLTLSETLEEVLRSAGDPADQKYVELK.A	35
PLOG-4733	proteomics_log	2378930	2379046	-	6	11	M.SNQFGDTRIDDDLTLSETLEEVLRSAGDPADQKYVELK.A	43

PLOG-4734	proteomics_log	2378945	2379022	-	6	5	R.IDDDLTLSETLEEVLRSSGDPADQK.Y	30
PLOG-4735	proteomics_log	2378972	2379019	-	6	6	I.DDDLTLSETLEEVLR.S	20
PLOG-4736	proteomics_log	2378972	2379022	-	6	320	R.IDDDLTLSETLEEVLR.S	21
PLOG-4737	proteomics_log	2378972	2379046	-	6	229	M.SNQFGDTRIDDDLTLSETLEEVLR.S	29
PLOG-4738	proteomics_log	2379023	2379046	-	6	4	M.SNQFGDTR.I	12
PLOG-4739	proteomics_log	2379272	2379328	-	6	2	R.VIVSEALRGEKVGQQLMSK.T	23
PLOG-4740	proteomics_log	2379329	2379373	-	6	6	R.ILKSDDDLEPVVIGR.V	19
PLOG-4741	proteomics_log	2379494	2379565	-	6	35	I.MIEWQDLHHSSELSVSQLYALLQLR.C	28
PLOG-4742	proteomics_log	2387375	2387467	-	6	2	K.TFPSNTEEICCKVLIFDADAIFM*GIIIIHFQ.P	36
PLOG-4743	proteomics_log	2393945	2394016	-	6	30	R.MAGMAIDGKDKGEAENEAKPIDVK.S	28
PLOG-4744	proteomics_log	2393960	2394016	-	6	8	R.MAGMAIDGKDKGEAENEAK.P	23
PLOG-4745	proteomics_log	2394389	2394472	-	6	3	T.MTLKELLVGFGTQVRSIWMIGLHAFKR.E	32
PLOG-4746	proteomics_log	2394392	2394427	-	6	2	R.SIWMIGLHAFK.R	16
PLOG-4747	proteomics_log	2394392	2394472	-	6	8	T.MTLKELLVGFGTQVRSIWMIGLHAFK.R	31
PLOG-4748	proteomics_log	2394428	2394472	-	6	4	T.M*TLKELLVGFGTQVR.S	20
PLOG-4749	proteomics_log	2394428	2394472	-	6	130	T.MTLKELLVGFGTQVR.S	19
PLOG-4750	proteomics_log	2395617	2395685	-	4	2	R.MPQPYIKLNPADAANKLVNAGTR.V	27
PLOG-4751	proteomics_log	2395641	2395685	-	4	2	R.M*PQPYIKLNPADAANK.L	20
PLOG-4752	proteomics_log	2395641	2395685	-	4	6	R.MPQPYIKLNPADAANK.L	19
PLOG-4753	proteomics_log	2395686	2395754	-	4	4	R.IAPYYHLFGSDELSQRAPVFQSR.M	27
PLOG-4754	proteomics_log	2395707	2395754	-	4	3	R.IAPYYHLFGSDELSQR.A	20
PLOG-4755	proteomics_log	2395782	2395835	-	4	29	R.LFETSENGLDYFTSVPAR.F	22
PLOG-4756	proteomics_log	2396013	2396039	-	4	3	R.ANISVHEPR.Q	13
PLOG-4757	proteomics_log	2396100	2396201	-	4	30	R.EVDWTQLDHDVIDAVVAKIPELAGIKDAAPDATFR.I	38
PLOG-4758	proteomics_log	2396151	2396201	-	4	3	R.EVDWTQLDHDVIDAVVAK.I	21
PLOG-4759	proteomics_log	2396262	2396300	-	4	3	R.FFQVYDPAYYDSK.T	17
PLOG-4760	proteomics_log	2396397	2396429	-	4	12	K.APLVMVVDHQR.T	15
PLOG-4761	proteomics_log	2396469	2396585	-	4	9	R.SVNSMGLGIMGGGSLEEALTELETGRADAVVLENDLHR.H	43
PLOG-4762	proteomics_log	2396586	2396618	-	4	14	R.GADVGITMIAR.S	15
PLOG-4763	proteomics_log	2396634	2396705	-	4	5	K.KPLIISGTNAGSLEVIQAAANVAK.A	28
PLOG-4764	proteomics_log	2396706	2396819	-	4	6	R.LGFAIAHALDNSAPAVDGIPELQSKIDVIVQALAGAK.K	42
PLOG-4765	proteomics_log	2396742	2396819	-	4	7	R.LGFAIAHALDNSAPAVDGIPELQSK.I	30
PLOG-4766	proteomics_log	2396916	2396960	-	4	4	K.VADWQIAAILNIGQR.A	19
PLOG-4767	proteomics_log	2396916	2396981	-	4	3	R.EMAAAQKVADWQIAAILNIGQR.A	26
PLOG-4768	proteomics_log	2396982	2397023	-	4	2	R.VALAVRQAVKGGKAR.E	18
PLOG-4769	proteomics_log	2397231	2397257	-	4	3	K.KVIGIGSPR.A	13
PLOG-4770	proteomics_log	2397267	2397332	-	4	2	R.RGDDFITLNAEQAMQGAADILR.Q	26
PLOG-4771	proteomics_log	2398534	2398557	-	5	8	R.NLEEFFAR.E	12
PLOG-4772	proteomics_log	2398558	2398617	-	5	86	R.LGTALAMAVDHEINMVSLVR.N	24
PLOG-4773	proteomics_log	2398558	2398629	-	5	4	K.AGSR LGTALAMAVDHEINMVSLVR.N	28
PLOG-4774	proteomics_log	2398765	2398812	-	5	48	R.VKNPGLWELPFGTTAR.E	20
PLOG-4775	proteomics_log	2398813	2398854	-	5	2	K.SKDAGTKLM*GFSGR.V	19
PLOG-4776	proteomics_log	2399206	2399271	-	5	10	R.LLMEQLPHLLVEGMLISAFALK.A	26
PLOG-4777	proteomics_log	2399392	2399460	-	5	2	R.KALTGLSPDEIVNQVKDAGLKGR.G	27
PLOG-4778	proteomics_log	2399488	2399529	-	5	2	R.LRDDKQPWWLDEYR.S	18
PLOG-4779	proteomics_log	2399530	2399559	-	5	3	R.TPETHPLTWR.L	14

PLOG-4780	proteomics_log	2399530	2399577	-	5	5	-.MKNIIIRTPETHPLTWR.L	20
PLOG-4781	proteomics_log	2399530	2399577	-	5	5	-.MKNIIIRTPETHPLTWR.L	20
PLOG-4782	proteomics_log	2399700	2399738	-	4	2	K.LNIKPGQTTFDGR.F	17
PLOG-4783	proteomics_log	2399700	2399741	-	4	9	K.KLNIKPGQTTFDGR.F	18
PLOG-4784	proteomics_log	2399817	2399933	-	4	41	R.GWVPDGAIHAIADVLGIPASDVEGVATFYSQIFRQPVGR.H	43
PLOG-4785	proteomics_log	2399832	2399897	-	4	2	A.DVLGIPASDVEGVATFYSQIFR.Q	26
PLOG-4786	proteomics_log	2399832	2399933	-	4	34	R.GWVPDGAIHAIADVLGIPASDVEGVATFYSQIFR.Q	38
PLOG-4787	proteomics_log	2400080	2400148	-	6	36	R.GSLVSDLIVYLGSIDFVMSDVDR.-	27
PLOG-4788	proteomics_log	2400080	2400193	-	6	6	R.TPSFAHLQQIPAAIRGSLVSDLIVYLGSIDFVMSDVDR.-	42
PLOG-4789	proteomics_log	2400149	2400193	-	6	7	R.TPSFAHLQQIPAAIR.G	19
PLOG-4790	proteomics_log	2400257	2400358	-	6	20	R.TLQHIETLITHFLQVSWGPMMPANESFQMIATK.G	38
PLOG-4791	proteomics_log	2401319	2401351	-	6	8	R.ATEFSPFELTK.A	15
PLOG-4792	proteomics_log	2401412	2401492	-	6	3	K.LFPNANWYERETWDLFGITFDGHPNLR.R	31
PLOG-4793	proteomics_log	2401493	2401537	-	6	2	K.VALAENDLHVPTFTK.L	19
PLOG-4794	proteomics_log	2401790	2401825	-	6	3	R.DHLDDPVIGELR.N	16
PLOG-4795	proteomics_log	2401976	2402011	-	6	66	R.IAVTNL RTPDEI.-	16
PLOG-4796	proteomics_log	2402363	2402395	-	6	2	R.FGAEVLRASPR.Q	15
PLOG-4797	proteomics_log	2402615	2402635	-	6	2	K.MDYTLTR.I	11
PLOG-4798	proteomics_log	2402660	2402692	-	6	3	R.MNPETNSIANR.Q	15
PLOG-4799	proteomics_log	2409713	2409769	-	6	2	R.ARHKIAGLPAPEVFTAER.V	23
PLOG-4800	proteomics_log	2409764	2409808	-	6	2	P.WAIVTSGSMPVARAR.H	19
PLOG-4801	proteomics_log	2409770	2409820	-	6	3	K.AGIPWAIVTSGSMPVAR.A	21
PLOG-4802	proteomics_log	2409821	2409901	-	6	21	R.LEHIEATETEGITALPGAIALLSHLNK.A	31
PLOG-4803	proteomics_log	2409974	2410018	-	6	12	R.HGLAPEEVLAFIHGK.Q	19
PLOG-4804	proteomics_log	2409974	2410021	-	6	5	R.RHGLAPEEVLAFIHGK.Q	20
PLOG-4805	proteomics_log	2410043	2410099	-	6	44	K.GFLFDLDGTLVDSLPAVER.A	23
PLOG-4806	proteomics_log	2410125	2410169	-	4	8	R.QYHLSANEINQIINA.-	19
PLOG-4807	proteomics_log	2410353	2410436	-	4	14	R.TIIDIMEMYHALHVSWSNLQDQQSIDER.R	32
PLOG-4808	proteomics_log	2410503	2410526	-	4	4	R.RLQTIIER.G	12
PLOG-4809	proteomics_log	2410533	2410568	-	4	25	K.MMTMLDPANAER.Y	16
PLOG-4810	proteomics_log	2410569	2410592	-	4	3	R.LILSNQYK.M	12
PLOG-4811	proteomics_log	2410593	2410616	-	4	3	T.M*EMTNAQR.L	13
PLOG-4812	proteomics_log	2410593	2410616	-	4	5	T.MEM*TNAQR.L	13
PLOG-4813	proteomics_log	2410593	2410616	-	4	28	T.MEMTNAQR.L	12
PLOG-4814	proteomics_log	2414824	2414889	-	5	3	N.RSQRDGVDDIVNQCATGQVVNR.L	26
PLOG-4815	proteomics_log	2416659	2416697	-	4	20	R.NAKNEAVETETA.-	17
PLOG-4816	proteomics_log	2416938	2417030	-	4	3	R.TETKDFLPGMLDATAGGVVQADEQLLESARR.E	35
PLOG-4817	proteomics_log	2417403	2417429	-	4	10	H.THLPVAEQR.G	13
PLOG-4818	proteomics_log	2417403	2417510	-	4	2	R.LFLTHGHLFGPENLPALNQNDVLVYGHTHLPVAEQR.G	40
PLOG-4819	proteomics_log	2418421	2418504	-	5	4	M.SKPAITLWSDAHFFSPYVLSAWVALQEK.G	32
PLOG-4820	proteomics_log	2418688	2418750	-	5	3	T.AFPQVYLNQAIQLCFEQR.N	25
PLOG-4821	proteomics_log	2421884	2421952	-	6	16	R.IMQQLAEEGKTMVVVTHEMGFAR.H	27
PLOG-4822	proteomics_log	2421953	2422036	-	6	10	R.ALAM*EPEVLLFDEPTSALDPELVGEVLR.I	33
PLOG-4823	proteomics_log	2421953	2422036	-	6	46	R.ALAMEPEVLLFDEPTSALDPELVGEVLR.I	32
PLOG-4824	proteomics_log	2422052	2422099	-	6	2	R.AQGKYPVHLSGGQQQR.V	20
PLOG-4825	proteomics_log	2422052	2422117	-	6	2	K.VGIDERAQKYPVHLSGGQQQR.V	26

PLOG-4826	proteomics_log	2422490	2422528	-	6	21	M.SENKLNVIDLHKR.Y	17
PLOG-4827	proteomics_log	2424031	2424057	-	5	3	K.YFDFDVYGG.-	13
PLOG-4828	proteomics_log	2424031	2424060	-	5	44	K.KYFDFDVYGG.-	14
PLOG-4829	proteomics_log	2424031	2424069	-	5	2	K.LAKKYFDFDVYGG.-	17
PLOG-4830	proteomics_log	2424058	2424090	-	5	13	R.ADGTYEKLAKK.Y	15
PLOG-4831	proteomics_log	2424061	2424090	-	5	100	R.ADGTYEKLAK.K	14
PLOG-4832	proteomics_log	2424091	2424123	-	5	2	R.EALNKAFAMR.A	15
PLOG-4833	proteomics_log	2424091	2424144	-	5	4	R.KEDNELREALNKAFAM*R.A	23
PLOG-4834	proteomics_log	2424091	2424144	-	5	120	R.KEDNELREALNKAFAMR.A	22
PLOG-4835	proteomics_log	2424091	2424177	-	5	4	K.LFGVGTGM*GLRKEDNELREALNKAFAM*R.A	35
PLOG-4836	proteomics_log	2424091	2424177	-	5	10	K.LFGVGTGMGLRKEDNELREALNKAFAMR.A	33
PLOG-4837	proteomics_log	2424109	2424144	-	5	18	R.KEDNELREALNK.A	16
PLOG-4838	proteomics_log	2424109	2424177	-	5	3	K.LFGVGTGMGLRKEDNELREALNK.A	27
PLOG-4839	proteomics_log	2424124	2424144	-	5	12	R.KEDNELR.E	11
PLOG-4840	proteomics_log	2424145	2424177	-	5	2	K.LFGVGTGM*GLR.K	16
PLOG-4841	proteomics_log	2424145	2424177	-	5	98	K.LFGVGTGMGLR.K	15
PLOG-4842	proteomics_log	2424145	2424207	-	5	42	K.FGGPSVKDEKLFVGTGMGLR.K	25
PLOG-4843	proteomics_log	2424178	2424207	-	5	13	K.FGGPSVKDEK.L	14
PLOG-4844	proteomics_log	2424208	2424282	-	5	64	R.IDAAFQDEVAASEGFLKQPVGKDYK.F	29
PLOG-4845	proteomics_log	2424283	2424345	-	5	39	K.GIEIVSYQQDNIYSDLTAGR.I	25
PLOG-4846	proteomics_log	2424346	2424405	-	5	217	R.VGVLQGTQETFGNEHWAPK.G	24
PLOG-4847	proteomics_log	2424346	2424408	-	5	109	K.RVGVLQGTQETFGNEHWAPK.G	25
PLOG-4848	proteomics_log	2424346	2424435	-	5	50	Q.PTVESLKGKRVGVLQGTQETFGNEHWAPK.G	34
PLOG-4849	proteomics_log	2424406	2424450	-	5	184	K.NSDIQPTVESLKGKR.V	19
PLOG-4850	proteomics_log	2424406	2424465	-	5	49	R.LVVAKNSDIQPTVESLKGKR.V	24
PLOG-4851	proteomics_log	2424409	2424450	-	5	35	K.NSDIQPTVESLKGK.R	18
PLOG-4852	proteomics_log	2424409	2424465	-	5	2	R.LVVAKNSDIQPTVESLKGK.R	23
PLOG-4853	proteomics_log	2424415	2424450	-	5	51	K.NSDIQPTVESLK.G	16
PLOG-4854	proteomics_log	2424451	2424516	-	5	3	K.RQQEIAFTDKLYAADSRLVVAK.N	26
PLOG-4855	proteomics_log	2424466	2424486	-	5	11	K.LYAADSR.L	11
PLOG-4856	proteomics_log	2424466	2424486	-	5	11	K.LYAADSR.L	11
PLOG-4857	proteomics_log	2424466	2424513	-	5	10	R.QQEIAFTDKLYAADSR.L	20
PLOG-4858	proteomics_log	2424466	2424516	-	5	20	K.RQQEIAFTDKLYAADSR.L	21
PLOG-4859	proteomics_log	2424466	2424558	-	5	12	K.KIDAIMSSLSITEKRQQEIAFTDKLYAADSR.L	35
PLOG-4860	proteomics_log	2424487	2424516	-	5	2	K.RQQEIAFTDK.L	14
PLOG-4861	proteomics_log	2424514	2424555	-	5	5	K.IDAIMSSLSITEKR.Q	18
PLOG-4862	proteomics_log	2424514	2424558	-	5	9	K.KIDAIM*SSLSITEKR.Q	20
PLOG-4863	proteomics_log	2424514	2424558	-	5	187	K.KIDAIMSSLSITEKR.Q	19
PLOG-4864	proteomics_log	2424514	2424564	-	5	6	K.AKKIDAIMSSLSITEKR.Q	21
PLOG-4865	proteomics_log	2424517	2424555	-	5	5	K.IDAIMSSLSITEK.R	17
PLOG-4866	proteomics_log	2424517	2424558	-	5	89	K.KIDAIMSSLSITEK.R	18
PLOG-4867	proteomics_log	2424517	2424564	-	5	2	K.AKKIDAIM*SSLSITEK.R	21
PLOG-4868	proteomics_log	2424517	2424564	-	5	8	K.AKKIDAIMSSLSITEK.R	20
PLOG-4869	proteomics_log	2424559	2424627	-	5	6	K.RINTQCTFVENPLDALIPSLKAK.K	27
PLOG-4870	proteomics_log	2424628	2424723	-	5	2	R.IGTDPTYAPFESKNSQGELVGFIDIDLAKELCK.R	36
PLOG-4871	proteomics_log	2424634	2424723	-	5	2	R.IGTDPTYAPFESKNSQGELVGFIDIDLAKEL.C	34



PLOG-4872	proteomics_log	2424640	2424684	-	5	85	K.NSQGELVGFIDIDLAK.E	19
PLOG-4873	proteomics_log	2424640	2424723	-	5	91	R.IGTDPTYAPFESKNSQGELVGFIDIDLAK.E	32
PLOG-4874	proteomics_log	2424685	2424723	-	5	177	R.IGTDPTYAPFESK.N	17
PLOG-4875	proteomics_log	2425034	2425063	-	6	51	K.KYDFDNVYGD.-	14
PLOG-4876	proteomics_log	2425061	2425111	-	6	7	K.ALGELRQDGTYDKMAKK.Y	21
PLOG-4877	proteomics_log	2425064	2425147	-	6	2	R.KDDAELTAAFNKALGELRQDGTYDKM*AK.K	33
PLOG-4878	proteomics_log	2425073	2425111	-	6	25	K.ALGELRQDGTYDK.M	17
PLOG-4879	proteomics_log	2425073	2425180	-	6	2	K.YFGDGTGVGLRKDDAELTAAFNKALGELRQDGTYDK.M	40
PLOG-4880	proteomics_log	2425112	2425144	-	6	6	K.DDAELTAAFNK.A	15
PLOG-4881	proteomics_log	2425112	2425147	-	6	27	R.KDDAELTAAFNK.A	16
PLOG-4882	proteomics_log	2425112	2425180	-	6	22	K.YFGDGTGVGLRKDDAELTAAFNK.A	27
PLOG-4883	proteomics_log	2425148	2425180	-	6	23	K.YFGDGTGVGLR.K	15
PLOG-4884	proteomics_log	2425190	2425285	-	6	11	R.LDAALQDEVAASEGFLKQPAGKDFAFAGSSVK.D	36
PLOG-4885	proteomics_log	2425286	2425348	-	6	3	K.GVDVVAYANQDLVYSDLAAGR.L	25
PLOG-4886	proteomics_log	2425286	2425354	-	6	14	R.SKGVVVAYANQDLVYSDLAAGR.L	27
PLOG-4887	proteomics_log	2425355	2425411	-	6	21	K.HVGVLQGSTQEAYANETWR.S	23
PLOG-4888	proteomics_log	2425355	2425417	-	6	3	K.GKHVGLQGSTQEAYANETWR.S	25
PLOG-4889	proteomics_log	2425355	2425453	-	6	10	K.GSPIQPTLDSLKGKHVGLQGSTQEAYANETWR.S	37
PLOG-4890	proteomics_log	2425412	2425453	-	6	34	K.GSPIQPTLDSLKGK.H	18
PLOG-4891	proteomics_log	2425412	2425468	-	6	2	R.LIAAKGSPQPTLDSLKGK.H	23
PLOG-4892	proteomics_log	2425469	2425489	-	6	11	K.LYAADSR.L	11
PLOG-4893	proteomics_log	2425469	2425489	-	6	11	K.LYAADSR.L	11
PLOG-4894	proteomics_log	2425469	2425516	-	6	3	R.QQEIAFSDKLYAADSR.L	20
PLOG-4895	proteomics_log	2425469	2425561	-	6	3	K.KIDAISSLSITDKRQQEIAFSDKLYAADSR.L	35
PLOG-4896	proteomics_log	2425517	2425558	-	6	5	K.IDAISSLSITDKR.Q	18
PLOG-4897	proteomics_log	2425517	2425561	-	6	286	K.KIDAISSLSITDKR.Q	19
PLOG-4898	proteomics_log	2425517	2425567	-	6	11	K.AKKIDAISSLSITDKR.Q	21
PLOG-4899	proteomics_log	2425520	2425561	-	6	9	K.KIDAISSLSITDKR	18
PLOG-4900	proteomics_log	2425679	2425726	-	6	88	R.IGTDTTYAPFSSKDAK.G	20
PLOG-4901	proteomics_log	2425686	2425766	-	4	34	H.SGFQLCGATGDGTYRNRHYHLRTVLIER.C	31
PLOG-4902	proteomics_log	2425688	2425726	-	6	54	R.IGTDTTYAPFSSK.D	17
PLOG-4903	proteomics_log	2426526	2426591	-	4	2	R.LLQVLRDVTDIETHLVMSQAAR.Q	26
PLOG-4904	proteomics_log	2426746	2426784	-	5	7	R.QNEVENLEMHNAG.-	17
PLOG-4905	proteomics_log	2426784	2426852	-	4	6	K.MLIRATSISSIRYVM*M*TPKQCNV.R	29
PLOG-4906	proteomics_log	2426797	2426853	-	5	2	K.DVDQGYLDFLDTLRNDDAK.A	23
PLOG-4907	proteomics_log	2426812	2426853	-	5	4	K.DVDQGYLDFLDTLR.N	18
PLOG-4908	proteomics_log	2426917	2426955	-	5	2	L.IFQDLNLDLIDAVR.A	17
PLOG-4909	proteomics_log	2426917	2426979	-	5	60	R.QIIGADGLIFQDLNLDLIDAVR.A	25
PLOG-4910	proteomics_log	2426917	2426997	-	5	19	R.EVDEIRQIIGADGLIFQDLNLDLIDAVR.A	31
PLOG-4911	proteomics_log	2426998	2427057	-	5	5	R.FPNVYGIDMPSATELIAHGR.E	24
PLOG-4912	proteomics_log	2426998	2427090	-	5	7	K.VYLASAAPEIRFPNVYGIDMPSATELIAHGR.E	35
PLOG-4913	proteomics_log	2426998	2427093	-	5	5	K.KVYLASAAPEIRFPNVYGIDMPSATELIAHGR.E	36
PLOG-4914	proteomics_log	2427109	2427144	-	5	5	R.GTTSEQIEMAR.E	16
PLOG-4915	proteomics_log	2427145	2427183	-	5	4	R.DKNVLLVDDSIVR.G	17
PLOG-4916	proteomics_log	2427232	2427261	-	5	4	R.TFIMPGQLR.R	14
PLOG-4917	proteomics_log	2428039	2428071	-	5	3	R.LQGNMGIGHVR.Y	15

PLOG-4918	proteomics_log	2428084	2428122	-	5	93	R.KANGLVSDVFEAR.H	17
PLOG-4919	proteomics_log	2428084	2428128	-	5	6	R.LRKANGLVSDVFEAR.H	19
PLOG-4920	proteomics_log	2429927	2429989	-	6	7	R.VLAVIGMLHDKDIAGTLAWLK.S	25
PLOG-4921	proteomics_log	2430017	2430070	-	6	5	R.VIFDVAHNPHAAEYLTR.M	22
PLOG-4922	proteomics_log	2430071	2430166	-	6	7	R.ASGLEVSENAIRDGIASAILPGRFQIVSESPR.V	36
PLOG-4923	proteomics_log	2430317	2430385	-	6	2	R.SEKPAIVGEPEMPSTIADVAQEK.G	27
PLOG-4924	proteomics_log	2430317	2430400	-	6	3	K.AGIFRSEKPAIVGEPEMPSTIADVAQEK.G	32
PLOG-4925	proteomics_log	2430407	2430508	-	6	2	R.LDATNIVDADVAVVTSIALDHTDWLGPRESIGR.E	38
PLOG-4926	proteomics_log	2430887	2430949	-	6	16	R.TPQAASPLASWLSYLENLHSK.T	25
PLOG-4927	proteomics_log	2431037	2431081	-	6	2	R.EGVVPPVPPDQEPEA.-	19
PLOG-4928	proteomics_log	2431037	2431120	-	6	2	K.LM*NLPAPNPEAPREGVVVPPVPPDQEPEA.-	33
PLOG-4929	proteomics_log	2431037	2431120	-	6	19	K.LMNLAPNPEAPREGVVVPPVPPDQEPEA.-	32
PLOG-4930	proteomics_log	2431082	2431120	-	6	29	K.LMNLAPNPEAPR.E	17
PLOG-4931	proteomics_log	2431121	2431147	-	6	49	R.LKLASILAK.L	13
PLOG-4932	proteomics_log	2431163	2431186	-	6	11	K.GAIDMIVR.R	12
PLOG-4933	proteomics_log	2431187	2431207	-	6	2	R.SEFLIEK.G	11
PLOG-4934	proteomics_log	2431208	2431255	-	6	27	R.VIEQTVREKLPPGFQR.S	20
PLOG-4935	proteomics_log	2431256	2431282	-	6	103	K.ALIGFAGPR.V	13
PLOG-4936	proteomics_log	2431283	2431378	-	6	3	R.GLPYISVLTDPMTGGVSASFAMLGDLNIAEPK.A	36
PLOG-4937	proteomics_log	2431379	2431411	-	6	3	K.TSAALAKM*QER.G	16
PLOG-4938	proteomics_log	2431379	2431411	-	6	5	K.TSAALAKMQER.G	15
PLOG-4939	proteomics_log	2431379	2431450	-	6	5	R.MQEALMSLMQMAKTSAAALAKMQER.G	28
PLOG-4940	proteomics_log	2431391	2431450	-	6	2	R.MQEALMSLMQMAKTSAAALAK.M	24
PLOG-4941	proteomics_log	2431412	2431450	-	6	236	R.MQEALMSLMQMAK.T	17
PLOG-4942	proteomics_log	2431412	2431450	-	6	236	R.M*QEALMSLMQMAK.T	18
PLOG-4943	proteomics_log	2431526	2431612	-	6	9	K.GTLYGMPVVAAAFEFAMGGSMGSSVVGAR.F	33
PLOG-4944	proteomics_log	2431613	2431666	-	6	8	R.LASAQKETGEKDALVVMK.G	22
PLOG-4945	proteomics_log	2431691	2431774	-	6	12	R.NRLHSLLDGSLVELGSELEPKDVLKFR.D	32
PLOG-4946	proteomics_log	2431697	2431768	-	6	15	R.LHSLLDGSLVELGSELEPKDVLK.F	28
PLOG-4947	proteomics_log	2431697	2431774	-	6	161	R.NRLHSLLDGSLVELGSELEPKDVLK.F	30
PLOG-4948	proteomics_log	2431709	2431774	-	6	3	R.NRLHSLLDGSLVELGSELEPK.D	26
PLOG-4949	proteomics_log	2431871	2431903	-	6	2	R.KASIPEGVWTK.C	15
PLOG-4950	proteomics_log	2431904	2431930	-	6	57	R.IKSNITPTR.K	13
PLOG-4951	proteomics_log	2433661	2433720	-	5	19	R.FGGALMAVKIAEKLQVEYLY.-	24
PLOG-4952	proteomics_log	2433694	2433720	-	5	5	R.FGGALMAVK.I	13
PLOG-4953	proteomics_log	2434030	2434092	-	5	4	R.QLAFNMLPLLPDSEGSVREER.R	25
PLOG-4954	proteomics_log	2434039	2434092	-	5	2	R.QLAFNMLPLLPDSEGSVR.E	22
PLOG-4955	proteomics_log	2434093	2434137	-	5	49	K.LLNGIPIDEEDFFGR.Q	19
PLOG-4956	proteomics_log	2434138	2434170	-	5	10	K.AVDALAGQSAK.L	15
PLOG-4957	proteomics_log	2434138	2434173	-	5	69	K.KAVDALAGQSAK.L	16
PLOG-4958	proteomics_log	2434138	2434215	-	5	7	R.ISVTSLISASAQGGKAVDALAGQSAK.L	30
PLOG-4959	proteomics_log	2434174	2434215	-	5	6	R.ISVTSLISASAQGGK.K	18
PLOG-4960	proteomics_log	2434216	2434299	-	5	29	R.NVIAVPDSLTSQLLAALKPLIDQGGLSR.I	32
PLOG-4961	proteomics_log	2434216	2434305	-	5	3	R.NRNVIAVPDSLTSQLLAALKPLIDQGGLSR.I	34
PLOG-4962	proteomics_log	2434516	2434554	-	5	2	R.NESAGEQLRFGGK.T	17
PLOG-4963	proteomics_log	2434528	2434554	-	5	3	R.NESAGEQLR.F	13

PLOG-4964	proteomics_log	2434555	2434668	-	5	8	M.SEGWNI AVL GAT GAV GE ALLE T LA ER Q FPV GEI YAL AR. N	42
PLOG-4965	proteomics_log	2434555	2434671	-	5	2	T.MSEGWNI AVL GAT GAV GE ALLE T LA ER Q FPV GEI YAL AR. N	43
PLOG-4966	proteomics_log	2434591	2434668	-	5	42	M.SEGWNI AVL GAT GAV GE ALLE T LA ER. Q	30
PLOG-4967	proteomics_log	2434591	2434671	-	5	7	T.MSEGWNI AVL GAT GAV GE ALLE T LA ER. Q	31
PLOG-4968	proteomics_log	2434740	2434772	-	4	11	K.LGFNAVHHPAR.-	15
PLOG-4969	proteomics_log	2434941	2434982	-	4	3	R.ITLHGPLDQPTLKR.L	18
PLOG-4970	proteomics_log	2434983	2435045	-	4	7	K.FIGHEQHVALDTLLPAPEFGR.I	25
PLOG-4971	proteomics_log	2435085	2435135	-	4	2	K.KVDIGTSHIAGYTLEGK.A	21
PLOG-4972	proteomics_log	2435247	2435288	-	4	2	R.SLKPGAILINACRG.A	18
PLOG-4973	proteomics_log	2435742	2435819	-	4	2	R.LGEVTAVPGRPIVAQLADADALM*VR.S	31
PLOG-4974	proteomics_log	2435742	2435819	-	4	214	R.LGEVTAVPGRPIVAQLADADALMVR.S	30
PLOG-4975	proteomics_log	2437856	2437954	-	6	2	G.YGADAWLRRATGRSIEWCKTFGASGNVSLWSGWR.R	37
PLOG-4976	proteomics_log	2438644	2438685	-	5	86	R.EVFGDKSPAISATK.A	18
PLOG-4977	proteomics_log	2438644	2438703	-	5	87	K.ELAAIREVFGDKSPAISATK.A	24
PLOG-4978	proteomics_log	2438644	2438781	-	5	3	K.MAMHGVDTPIDYLN SHGTSTPVGDVKELAAIREVFGDKSPAISATK.A	50
PLOG-4979	proteomics_log	2438644	2438781	-	5	3	K.M*AM*HGVDTPIDYLN SHGTSTPVGDVKELAAIREVFGDKSPAISATK.A	52
PLOG-4980	proteomics_log	2438686	2438781	-	5	19	K.MAMHGVDTPIDYLN SHGTSTPVGDVKELAAIR.E	36
PLOG-4981	proteomics_log	2438704	2438781	-	5	16	K.MAMHGVDTPIDYLN SHGTSTPVGDVK.E	30
PLOG-4982	proteomics_log	2438791	2438880	-	5	43	R.GAHIYAEIVGYGATSDGADMVAPSGEGAVR.C	34
PLOG-4983	proteomics_log	2438881	2438949	-	5	35	R.DGFVIAGGGGMVVVEELEHALAR.G	27
PLOG-4984	proteomics_log	2438881	2438967	-	5	60	R.TYDAHRDGFVIAGGGGM*VVVEELEHALAR.G	34
PLOG-4985	proteomics_log	2438881	2438967	-	5	347	R.TYDAHRDGFVIAGGGGMVVVEELEHALAR.G	33
PLOG-4986	proteomics_log	2438968	2438997	-	5	34	K.YNDTPEKASR.T	14
PLOG-4987	proteomics_log	2439220	2439246	-	5	2	K.AVGOPYVVTK.A	13
PLOG-4988	proteomics_log	2439220	2439255	-	5	113	R.GLKAVGOPYVVTK.A	16
PLOG-4989	proteomics_log	2439220	2439294	-	5	3	R.FQVFGADAMRGRGLKAVGOPYVVTK.A	29
PLOG-4990	proteomics_log	2439256	2439294	-	5	34	R.FQVFGADAMRGR.G	17
PLOG-4991	proteomics_log	2439265	2439294	-	5	2	R.FQVFGADAM*R.G	15
PLOG-4992	proteomics_log	2439265	2439294	-	5	61	R.FQVFGADAMR.G	14
PLOG-4993	proteomics_log	2439295	2439333	-	5	234	R.VGLIAGSGGGSPR.F	17
PLOG-4994	proteomics_log	2439334	2439429	-	5	5	R.FM*SDASIYAFLSMEQAIADAGLSPEAYQNNPR.V	37
PLOG-4995	proteomics_log	2439334	2439429	-	5	5	R.FMSDASIYAFLSM*EQAIADAGLSPEAYQNNPR.V	37
PLOG-4996	proteomics_log	2439334	2439429	-	5	5	R.FM*SDASIYAFLSM*EQAIADAGLSPEAYQNNPR.V	38
PLOG-4997	proteomics_log	2439334	2439429	-	5	160	R.FMSDASIYAFLSMEQAIADAGLSPEAYQNNPR.V	36
PLOG-4998	proteomics_log	2439439	2439468	-	5	96	K.LDTTGLIDRK.V	14
PLOG-4999	proteomics_log	2439439	2439492	-	5	70	R.SHVWGNVKLDTTGLIDRK.V	22
PLOG-5000	proteomics_log	2439442	2439468	-	5	23	K.LDTTGLIDR.K	13
PLOG-5001	proteomics_log	2439442	2439492	-	5	23	R.SHVWGNVKLDTTGLIDR.K	21
PLOG-5002	proteomics_log	2439469	2439492	-	5	3	R.SHVWGNVK.L	12
PLOG-5003	proteomics_log	2439493	2439537	-	5	4	R.SGITFSQELKDSGM*R.S	20
PLOG-5004	proteomics_log	2439493	2439537	-	5	129	R.SGITFSQELKDSGM.R.S	19
PLOG-5005	proteomics_log	2439508	2439537	-	5	22	R.SGITFSQELK.D	14
PLOG-5006	proteomics_log	2439538	2439618	-	5	343	R.AVITGLGIVSSIGNNQEVLASLREGR.S	31
PLOG-5007	proteomics_log	2439538	2439627	-	5	30	-.MKRAVITGLGIVSSIGNNQEVLASLREGR.S	34
PLOG-5008	proteomics_log	2439547	2439618	-	5	194	R.AVITGLGIVSSIGNNQEVLASL.R.E	28
PLOG-5009	proteomics_log	2439547	2439627	-	5	2	-.M*KRAVITGLGIVSSIGNNQEVLASL.R.E	32

PLOG-5010	proteomics_log	2439547	2439627	-	5	14	-.MKRAVITGLGIVSSIGNNQEVLASLR.E	31
PLOG-5011	proteomics_log	2439855	2439884	-	4	2	P.VIVGKIDIVK.I	14
PLOG-5012	proteomics_log	2441916	2441972	-	4	4	R.DQALVTDMWENLFQQASQQ.-	23
PLOG-5013	proteomics_log	2441916	2441972	-	4	4	R.DQALVTDM*WENLFQQASQQ.-	24
PLOG-5014	proteomics_log	2441916	2442002	-	4	4	K.AIGAGELSPRDQALVTDMWENLFQQASQQ.-	33
PLOG-5015	proteomics_log	2442003	2442095	-	4	2	R.GHLTLAIAELESRDDHSAQAVHTTVSQSLEK.A	35
PLOG-5016	proteomics_log	2442096	2442167	-	4	23	R.ILALIDGMVDHASDDELFAFGYLR.G	28
PLOG-5017	proteomics_log	2443882	2443911	-	5	40	K.LAAQDKDVTR.I	14
PLOG-5018	proteomics_log	2443912	2443968	-	5	2	R.DGKHVVSTLWKPEIFSLIK.L	23
PLOG-5019	proteomics_log	2444458	2444508	-	5	12	V.PIAEAMLAIVLMDHLLR.Q	21
PLOG-5020	proteomics_log	2444458	2444514	-	5	4	R.AVPIAEAMLAIVLM*DHLLR.Q	24
PLOG-5021	proteomics_log	2444458	2444514	-	5	5	R.AVPIAEAM*LAIVLMDHLLR.Q	24
PLOG-5022	proteomics_log	2444458	2444514	-	5	187	R.AVPIAEAMLAIVLMDHLLR.Q	23
PLOG-5023	proteomics_log	2444458	2444541	-	5	64	G.RHDPCVGIRAVPIAEAMLAIVLMDHLLR.Q	32
PLOG-5024	proteomics_log	2444731	2444772	-	5	2	K.GVEIGDGFVVALR.G	18
PLOG-5025	proteomics_log	2444773	2444877	-	5	4	K.VTVVASGVPAGLGEVDFDRLDADIAHALM*SINAVK.G	40
PLOG-5026	proteomics_log	2444773	2444877	-	5	54	K.VTVVASGVPAGLGEVDFDRLDADIAHALMSINAVK.G	39
PLOG-5027	proteomics_log	2444878	2444913	-	5	14	R.ALKKEGDSIGAK.V	16
PLOG-5028	proteomics_log	2445034	2445069	-	5	3	K.KYLAEKFGIEIR.G	16
PLOG-5029	proteomics_log	2445154	2445222	-	5	2	R.SQDYSAIKDVFVRPGHADYTYEQK.Y	27
PLOG-5030	proteomics_log	2445463	2445492	-	5	77	M.AGNTIGQLFR.V	14
PLOG-5031	proteomics_log	2446175	2446201	-	6	3	R.IPVAYLTNK.A	13
PLOG-5032	proteomics_log	2446175	2446216	-	6	2	R.RVNERIPVAYLTNK.A	18
PLOG-5033	proteomics_log	2446238	2446261	-	6	2	R.LTSSEKHR.I	12
PLOG-5034	proteomics_log	2446262	2446348	-	6	2	T.DNPWDEAVQLVPLSLYPLDIPEDM*RTAR.L	34
PLOG-5035	proteomics_log	2446271	2446384	-	6	42	R.FSAANIWYGHGTDNPWDEAVQLVPLSLYPLDIPEDMR.T	42
PLOG-5036	proteomics_log	2446400	2446453	-	6	19	K.IFVDEAVNELQTIQDMLR.W	22
PLOG-5037	proteomics_log	2455544	2455606	-	6	6	K.FGFPVGPILLDEVGIDTGTK.I	25
PLOG-5038	proteomics_log	2456666	2456710	-	6	3	R.LIGVSTALEMILTGTK.Q	19
PLOG-5039	proteomics_log	2457913	2457942	-	5	2	R.MGDTAEQM*AK.T	15
PLOG-5040	proteomics_log	2458066	2458131	-	5	2	A.GIAGGADSSSVLPIGVSKKLAR.V	26
PLOG-5041	proteomics_log	2458258	2458338	-	5	4	R.SEIPAEVIEQLVFGQVVQM*PEAPNIAR.E	32
PLOG-5042	proteomics_log	2458258	2458338	-	5	23	R.SEIPAEVIEQLVFGQVVQMPEAPNIAR.E	31
PLOG-5043	proteomics_log	2458801	2458860	-	5	4	R.VFANRAEAEQTLAALTEKAR.S	24
PLOG-5044	proteomics_log	2458807	2458845	-	5	4	R.AEAEQTLAALTEK.A	17
PLOG-5045	proteomics_log	2460651	2460698	-	4	5	Y.AGDFIQANALSERVVK.V	20
PLOG-5046	proteomics_log	2462418	2462450	-	4	2	R.AQLLSDGLLR.Q	15
PLOG-5047	proteomics_log	2462505	2462552	-	4	4	R.DDGGDM*ADGFYPVLSW.L	21
PLOG-5048	proteomics_log	2465904	2465945	-	4	2	T.KNHPVYKGVQHTNR.G	18
PLOG-5049	proteomics_log	2492302	2492361	-	5	4	A.ADNAPVAAQQQTQVQQTQK.T	24
PLOG-5050	proteomics_log	2495829	2495876	-	4	2	R.SVPLVEGVDFFNELER.A	20
PLOG-5051	proteomics_log	2496171	2496233	-	4	2	K.MAARRRGEDIIDFSM*GNPDGA.T	26
PLOG-5052	proteomics_log	2496234	2496281	-	4	2	R.IDRLPPYVFNITAEK.M	20
PLOG-5053	proteomics_log	2497473	2497520	-	4	3	R.LTGSRANEVIAIIVM.F	20
PLOG-5054	proteomics_log	2498103	2498177	-	4	16	G.ISHRNAYPISALCNADGDNAFTFAR.L	29
PLOG-5055	proteomics_log	2505134	2505232	-	6	7	R.TVLTAAAGEKGALM*YAM*GIAAATAIDLGGPINKA.A	39

PLOG-5056	proteomics_log	2505365	2505439	-	6	4	P.VPSTFIGALIISIVAGYLVKWM*NQK.I	30
PLOG-5057	proteomics_log	2506507	2506590	-	5	46	R.FKEYVHDIPVYLIVHDNPGLLGSGAHLR.Q	32
PLOG-5058	proteomics_log	2506786	2506848	-	5	4	R.AIVKADNRLPENLKPDKITER.A	25
PLOG-5059	proteomics_log	2506849	2506884	-	5	17	R.VLSGPGLVNLRYR.A	16
PLOG-5060	proteomics_log	2506885	2506914	-	5	30	R.AEIGHVSAER.V	14
PLOG-5061	proteomics_log	2506915	2506998	-	5	47	R.WVSLPGEGGHVDFAFNSEEEAIILEILR.A	32
PLOG-5062	proteomics_log	2507110	2507184	-	5	8	K.NLGFHSHLEIINDFTAVSMAIPMLKK.E	29
PLOG-5063	proteomics_log	2507401	2507445	-	5	75	M.TKYALVGDVGGTNAR.L	19
PLOG-5064	proteomics_log	2510693	2510725	-	6	3	M.TNYRVESSGR.A	15
PLOG-5065	proteomics_log	2511330	2511419	-	4	2	A.RMITGNTRMCWRIPISAEIKTIGHSTFRKK.N	34
PLOG-5066	proteomics_log	2517282	2517317	-	4	20	K.ALDFAERENQQ.-	16
PLOG-5067	proteomics_log	2517282	2517326	-	4	17	R.INKALDFAERENQQ.-	19
PLOG-5068	proteomics_log	2517282	2517338	-	4	6	R.SIERINKALDFAERENQQ.-	23
PLOG-5069	proteomics_log	2517426	2517512	-	4	24	K.LAAITDWAENVHHAIQATADELEVGMGK.V	33
PLOG-5070	proteomics_log	2517426	2517518	-	4	10	R.DKLAITDWAENVHHAIQATADELEVGMGK.V	35
PLOG-5071	proteomics_log	2517426	2517539	-	4	6	R.QPLEVVRDKLAAITDWAENVHHAIQATADELEVGMGK.V	42
PLOG-5072	proteomics_log	2517561	2517608	-	4	2	R.YFYEDFAEFDADAACK.H	20
PLOG-5073	proteomics_log	2517660	2517689	-	4	14	R.NGPQLADLVK.L	14
PLOG-5074	proteomics_log	2517816	2517896	-	4	23	R.LGWSHGDQEIFTREEMIKYFTLNAVSK.S	31
PLOG-5075	proteomics_log	2517897	2517941	-	4	16	R.DDGYLPEALLNYLVR.L	19
PLOG-5076	proteomics_log	2517897	2517971	-	4	2	R.HGAVSVM*QYRDDGYLPEALLNYLVR.L	30
PLOG-5077	proteomics_log	2517897	2517971	-	4	64	R.HGAVSVMQYRDDGYLPEALLNYLVR.L	29
PLOG-5078	proteomics_log	2518068	2518097	-	4	12	R.GEDHINNTPR.Q	14
PLOG-5079	proteomics_log	2518176	2518223	-	4	5	R.GPIEFSNQELDDLIIR.R	20
PLOG-5080	proteomics_log	2518176	2518271	-	4	10	R.FANPQEGSVVFDQIRGPIEFSNQELDDLIIR.R	36
PLOG-5081	proteomics_log	2518224	2518271	-	4	2	R.FANPQEGSVVFDQIR.G	20
PLOG-5082	proteomics_log	2518350	2518382	-	4	5	R.LEALREEQMAK.G	15
PLOG-5083	proteomics_log	2518404	2518451	-	4	3	R.YNAVIDQMLEEGTAYK.C	20
PLOG-5084	proteomics_log	2518404	2518463	-	4	3	K.RFDRYNAVIDQMLEEGTAYK.C	24
PLOG-5085	proteomics_log	2518464	2518550	-	4	12	R.STPEAIEAIMDGMNWSLEWDEGPYYQTK.R	33
PLOG-5086	proteomics_log	2518551	2518574	-	4	15	R.IEDTDLER.S	12
PLOG-5087	proteomics_log	2518575	2518601	-	4	2	R.NHGGEFVLR.I	13
PLOG-5088	proteomics_log	2518602	2518631	-	4	58	R.TALYSWLFAR.N	14
PLOG-5089	proteomics_log	2518632	2518676	-	4	62	R.FAPSPTGYLHVGGAR.T	19
PLOG-5090	proteomics_log	2518632	2518682	-	4	3	K.TRFAPSPTGYLHVGGAR.T	21
PLOG-5091	proteomics_log	2519639	2519662	-	6	15	Q.QVTPAMVK.L	12
PLOG-5092	proteomics_log	2526198	2526245	-	4	3	K.AQELGIEVIDEAEMLR.L	20
PLOG-5093	proteomics_log	2526246	2526317	-	4	2	K.VAGSVSKKTDLVIAGEAAGSKLAK.A	28
PLOG-5094	proteomics_log	2526255	2526296	-	4	4	K.KTDLVIAGEAAGSK.L	18
PLOG-5095	proteomics_log	2526396	2526488	-	4	5	R.NVISELLAEGVHWPAPIVINAEIISPFGAK.T	35
PLOG-5096	proteomics_log	2526738	2526770	-	4	3	K.LTAGKLTGLER.M	15
PLOG-5097	proteomics_log	2526771	2526857	-	4	4	R.AMDVDGMDGDKIIDQLVEKEYVHTPADLFK.L	33
PLOG-5098	proteomics_log	2527101	2527172	-	4	3	R.LEPVHVAGVLVSNATLHNADEIER.L	28
PLOG-5099	proteomics_log	2527599	2527628	-	4	6	R.TGGKVFANPR.N	14
PLOG-5100	proteomics_log	2527977	2528015	-	4	2	R.VGAAPLAAFSQIR.H	17
PLOG-5101	proteomics_log	2528163	2528198	-	4	27	D.MESIEQQLTEL.R.T	16

PLOG-5102	proteomics_log	2528272	2528337	-	5	6	R.MMTPQKLREYQDIIREVKDANA.-	26
PLOG-5103	proteomics_log	2534753	2534821	-	6	4	R.QYLLPLAQGITPNIFELEILTGK.N	27
PLOG-5104	proteomics_log	2536697	2536750	-	6	3	R.YLSTGVFGEEHFSQGAGI.-	22
PLOG-5105	proteomics_log	2536901	2536972	-	6	71	R.WPTEYLPGIFNASLVDEVLDIHQR.D	28
PLOG-5106	proteomics_log	2536901	2536975	-	6	97	R.RWPTEYLPGIFNASLVDEVLDIHQR.D	29
PLOG-5107	proteomics_log	2536976	2537044	-	6	2	R.EQSKPVTIVGLQPEEGSSIPGIR.R	27
PLOG-5108	proteomics_log	2536976	2537053	-	6	45	R.FMREQSKPVTIVGLQPEEGSSIPGIR.R	30
PLOG-5109	proteomics_log	2537054	2537110	-	6	3	R.ITHFVSSM*GTTGTITGVS.R.F	24
PLOG-5110	proteomics_log	2537054	2537110	-	6	27	R.ITHFVSSMGTGTITGVS.R.F	23
PLOG-5111	proteomics_log	2537111	2537197	-	6	2	K.LLDQFNNPDNPYAHYTTTGPETIQQTGG.R.I	33
PLOG-5112	proteomics_log	2537198	2537236	-	6	5	R.DLALEMANRGEKG.L	17
PLOG-5113	proteomics_log	2537237	2537293	-	6	2	R.AYGAEILVLTKEQGMGAR.D	23
PLOG-5114	proteomics_log	2537261	2537293	-	6	16	R.AYGAEILVTK.E	15
PLOG-5115	proteomics_log	2537357	2537443	-	6	7	K.RGEIKPGDVLIEATSGNTGIALAMIAALK.G	33
PLOG-5116	proteomics_log	2537357	2537476	-	6	10	R.AALSMIVEAEKRGEIKPGDVLIEATSGNTGIALAMIAALK.G	44
PLOG-5117	proteomics_log	2537477	2537515	-	6	12	K.LEGNPAGSVKDR.A	17
PLOG-5118	proteomics_log	2537477	2537551	-	6	17	R.MGPDNGSEVWLKLEGNPAGSVKDR.A	29
PLOG-5119	proteomics_log	2537552	2537602	-	6	26	V.STLEQTIGNTPLVKLQR.M	21
PLOG-5120	proteomics_log	2537561	2537602	-	6	127	V.STLEQTIGNTPLVK.L	18
PLOG-5121	proteomics_log	2537805	2537831	-	4	12	R.LFVGLQHAR.L	13
PLOG-5122	proteomics_log	2538306	2538389	-	4	3	R.ALAVEPQILLLDEPFGALDAQVRKELRR.W	32
PLOG-5123	proteomics_log	2538318	2538389	-	4	4	R.ALAVEPQILLLDEPFGALDAQVRK.E	28
PLOG-5124	proteomics_log	2538321	2538389	-	4	14	R.ALAVEPQILLLDEPFGALDAQVR.K	27
PLOG-5125	proteomics_log	2538411	2538479	-	4	3	K.LLEMVQLAHLADRYPAQLSGGQK.Q	27
PLOG-5126	proteomics_log	2538525	2538575	-	4	2	R.HMTVFDNIAFGLTVLPR.R	21
PLOG-5127	proteomics_log	2538657	2538698	-	4	3	R.IIAGLEHQTSGHIR.F	18
PLOG-5128	proteomics_log	2538699	2538794	-	4	2	R.TQVLNDISLDIPSGQMVALLGPSGSGKTTLLR.I	36
PLOG-5129	proteomics_log	2540537	2540590	-	6	168	K.THFTSGGELDKLLAAGR.N	22
PLOG-5130	proteomics_log	2540540	2540590	-	6	3	K.THFTSGGELDKLLAAGR.N	21
PLOG-5131	proteomics_log	2540591	2540629	-	6	2	R.VEDKFGSWPEVMK.T	17
PLOG-5132	proteomics_log	2540630	2540692	-	6	26	R.VNNPEVMDKLDKDFPQTEFR.V	25
PLOG-5133	proteomics_log	2540666	2540692	-	6	2	R.VNNPEVM*DK.L	14
PLOG-5134	proteomics_log	2540693	2540755	-	6	39	K.AYLNWLYSPQAQTIITDYYR.V	25
PLOG-5135	proteomics_log	2540756	2540833	-	6	101	K.TNILAEPVAVVDKNVQANGTEKAAK.A	30
PLOG-5136	proteomics_log	2540765	2540833	-	6	17	K.TNILAEPVAVVDKNVQANGTEK.A	27
PLOG-5137	proteomics_log	2540834	2540872	-	6	22	K.QYEAQGFVVIPK.T	17
PLOG-5138	proteomics_log	2540834	2540875	-	6	7	R.KQYEAQGFVVIPK.T	18
PLOG-5139	proteomics_log	2540834	2540926	-	6	259	R.GLGDVLISFESEVNNIRKQYEAQGFVVIPK.T	35
PLOG-5140	proteomics_log	2540873	2540926	-	6	162	R.GLGDVLISFESEVNNIRK.Q	22
PLOG-5141	proteomics_log	2540873	2540953	-	6	3	R.GATTTFAERGLGDVLISFESEVNNIRK.Q	31
PLOG-5142	proteomics_log	2540876	2540926	-	6	88	R.GLGDVLISFESEVNNIRK.K	21
PLOG-5143	proteomics_log	2540927	2540953	-	6	5	R.GATTTFAER.G	13
PLOG-5144	proteomics_log	2540927	2540983	-	6	4	K.NVEVFDTGGRGATTTFAER.G	23
PLOG-5145	proteomics_log	2540954	2540983	-	6	25	K.NVEVFDTGGR.G	14
PLOG-5146	proteomics_log	2540984	2541073	-	6	115	R.YTYLAAWGAADKADGGDKGKTEQFMQFLK.N	34
PLOG-5147	proteomics_log	2541038	2541073	-	6	2	R.YTYLAAWGAADK.A	16

PLOG-5148	proteomics_log	2541092	2541124	-	6	9	R.SDVKLIFPNPK.T	15
PLOG-5149	proteomics_log	2541125	2541154	-	6	38	K.NIHDWNDLVR.S	14
PLOG-5150	proteomics_log	2541125	2541169	-	6	18	R.KGNPKNIHDWNDLVR.S	19
PLOG-5151	proteomics_log	2541170	2541220	-	6	137	R.LPNNSSPFYSTMGFLVR.K	21
PLOG-5152	proteomics_log	2541170	2541247	-	6	66	K.LIPADWQSRLPNNSSPFYSTMGFLVR.K	30
PLOG-5153	proteomics_log	2541248	2541337	-	6	33	K.QALAILQGLKADVVTYNQVTDVQILHDKGK.L	34
PLOG-5154	proteomics_log	2541254	2541337	-	6	4	K.QALAILQGLKADVVTYNQVTDVQILHDK.G	32
PLOG-5155	proteomics_log	2541338	2541391	-	6	3	K.DNGGDKLTIKQSHAGSSK.Q	22
PLOG-5156	proteomics_log	2541362	2541391	-	6	2	K.DNGGDKLTIK.Q	14
PLOG-5157	proteomics_log	2541392	2541439	-	6	8	R.ELFAALNPPFEQQWAK.D	20
PLOG-5158	proteomics_log	2541440	2541475	-	6	192	A.TELLNSSYDVS.R.E	16
PLOG-5159	proteomics_log	2542004	2542051	-	6	6	R.QSNPEDPESVLTEMAK.A	20
PLOG-5160	proteomics_log	2542109	2542144	-	6	4	K.SLAVEYAQSGIR.V	16
PLOG-5161	proteomics_log	2542169	2542240	-	6	4	R.IVM*M*SSVTGDM*VADPGETAYALT.K.A	31
PLOG-5162	proteomics_log	2542487	2542561	-	6	50	R.HGANLILLDISPEIEKLADELCEGRG.H	29
PLOG-5163	proteomics_log	2542514	2542561	-	6	11	R.HGANLILLDISPEIEK.L	20
PLOG-5164	proteomics_log	2542574	2542624	-	6	45	K.TALITGALQGIGEGIAR.T	21
PLOG-5165	proteomics_log	2542574	2542642	-	6	2	M.GKLTGKTALITGALQGIGEGIAR.T	27
PLOG-5166	proteomics_log	2546853	2546903	-	4	18	A.VQFRGGNLLRFKAFQQR.V	21
PLOG-5167	proteomics_log	2547671	2547733	-	6	39	R.FTKPVTGGYYFAPSLDKLMAL.-	25
PLOG-5168	proteomics_log	2547734	2547805	-	6	3	R.LHNIEQQLLSMFGDTDGKRDAM*LR.F	29
PLOG-5169	proteomics_log	2547734	2547805	-	6	11	R.LHNIEQQLLSMFGDTDGKRDA.MLR.F	28
PLOG-5170	proteomics_log	2547749	2547805	-	6	23	R.LHNIEQQLLSMFGDTDGKR.D	23
PLOG-5171	proteomics_log	2547881	2547913	-	6	2	R.VDLKEDGKGLK.I	15
PLOG-5172	proteomics_log	2547914	2547976	-	6	6	R.TKEANEEIDGDERPETS.HLTR.V	25
PLOG-5173	proteomics_log	2547977	2548012	-	6	15	R.MSVHDQEMVIGR.T	16
PLOG-5174	proteomics_log	2548106	2548159	-	6	6	R.DLSGFVDGTENPAGEETR.R	22
PLOG-5175	proteomics_log	2548262	2548315	-	6	41	K.GLAPTTQFDVLIHILSLR.H	22
PLOG-5176	proteomics_log	2548262	2548372	-	6	5	R.ALSSGGVGAELKDFPGYGKGLAPTTQFDVLIHILSLR.H	41
PLOG-5177	proteomics_log	2548373	2548462	-	6	4	K.TFADKLATFEAKFPDAHLGAVVAFGNNTWR.A	34
PLOG-5178	proteomics_log	2548526	2548564	-	6	2	M.SQVQSGILPEHCR.A	17
PLOG-5179	proteomics_log	2548843	2548920	-	5	3	R.IDVLDSDIPADTGVKIGT.PFSDLYSK.A	30
PLOG-5180	proteomics_log	2548876	2548920	-	5	4	R.IDVLDSDIPADTGVK.I	19
PLOG-5181	proteomics_log	2548990	2549025	-	5	2	R.SGMKTANGNVVR.F	16
PLOG-5182	proteomics_log	2549759	2549800	-	6	14	R.LGYEHADVLSLGKR.L	18
PLOG-5183	proteomics_log	2554030	2554131	-	5	5	R.AGLDAMIAHIENGAAFQWANDAQDTAFLAHVVS.R.T	38
PLOG-5184	proteomics_log	2555236	2555286	-	5	2	R.SVM*ASM*GQAAPAPSEAK.C	23
PLOG-5185	proteomics_log	2556289	2556330	-	5	2	G.GSEDLLQRGPDLRR.E	18
PLOG-5186	proteomics_log	2557758	2557814	-	4	3	A.DKGLSMNRPGKTKALYPLR.V	23
PLOG-5187	proteomics_log	2564238	2564264	-	4	4	T.GAQLVQVTR.R	13
PLOG-5188	proteomics_log	2569099	2569134	-	5	7	V.VTGGEAVVEAAR.K	16
PLOG-5189	proteomics_log	2569216	2569278	-	5	2	K.KVSQRITLLNQAIVAAGGPE.N	25
PLOG-5190	proteomics_log	2570278	2570313	-	5	8	K.AATDAGAAAAQR.I	16
PLOG-5191	proteomics_log	2570401	2570442	-	5	2	R.GLVALIEASDAMVK.A	18
PLOG-5192	proteomics_log	2571393	2571479	-	4	2	R.VVFPDALDQRVLKAAQYLHQQLATPILV.A	33
PLOG-5193	proteomics_log	2574123	2574173	-	4	18	R.IVNM*VALAVVEAQTQPL.-	22

PLOG-5194	proteomics_log	2574123	2574176	-	4	31	R.RIVNMVALAVVEAQTQPL.-	22
PLOG-5195	proteomics_log	2574174	2574266	-	4	8	R.VSSSEGVTVGPVLMGVAKPVHVLTPIASVRR.I	35
PLOG-5196	proteomics_log	2574177	2574266	-	4	22	R.VSSSEGVTVGPVLMGVAKPVHVLTPIASVR.R	34
PLOG-5197	proteomics_log	2574267	2574287	-	4	10	R.ISYNLLR.V	11
PLOG-5198	proteomics_log	2574288	2574332	-	4	14	K.GSANILVMPNMEAAR.I	19
PLOG-5199	proteomics_log	2574354	2574431	-	4	2	R.ERAPELMIDGEMHGDAALVEAIRNDR.M	30
PLOG-5200	proteomics_log	2574762	2574809	-	4	63	R.ALISNPTVIGAIMVQR.G	20
PLOG-5201	proteomics_log	2574810	2574836	-	4	67	R.GVTQEQAQR.A	13
PLOG-5202	proteomics_log	2574810	2574839	-	4	98	R.RGVTQEQAQR.A	14
PLOG-5203	proteomics_log	2574882	2574926	-	4	11	K.AGVDFEIVNNE SDPR.F	19
PLOG-5204	proteomics_log	2574927	2574953	-	4	6	R.IQKLG LQIK.A	13
PLOG-5205	proteomics_log	2574954	2575037	-	4	7	R.VLHATQELVTLGLAKPILIGRPNVIEM*R.I	33
PLOG-5206	proteomics_log	2574954	2575037	-	4	144	R.VLHATQELVTLGLAKPILIGRPNVIEMR.I	32
PLOG-5207	proteomics_log	2574954	2575070	-	4	3	K.RVVLPEGEEARVLHATQELVTLGLAKPILIGRPNVIEM*R.I	44
PLOG-5208	proteomics_log	2575038	2575070	-	4	8	K.RVVLPEGEEAR.V	15
PLOG-5209	proteomics_log	2575083	2575121	-	4	18	K.TNLFMKPIFSQAR.K	17
PLOG-5210	proteomics_log	2575083	2575205	-	4	2	K.AAMESGVATRPIADFDVYIDKLTEFVYKTNLFMKPIFSQAR.K	45
PLOG-5211	proteomics_log	2575122	2575205	-	4	7	K.AAM*ESGVATRPIADFDVYIDKLTEFVYK.T	33
PLOG-5212	proteomics_log	2575122	2575205	-	4	121	K.AAMESGVATRPIADFDVYIDKLTEFVYK.T	32
PLOG-5213	proteomics_log	2575206	2575238	-	4	4	R.LIVKIAPAVAK.A	15
PLOG-5214	proteomics_log	2575353	2575412	-	4	4	R.GALDVGATAINEEM*KLA AVR.A	25
PLOG-5215	proteomics_log	2575353	2575412	-	4	103	R.GALDVGATAINEEMKLA AVR.A	24
PLOG-5216	proteomics_log	2575368	2575412	-	4	6	R.GALDVGATAINEEMK.L	19
PLOG-5217	proteomics_log	2575410	2575466	-	4	4	R.SDYPNQVNNVLCFPFIFRG.A	23
PLOG-5218	proteomics_log	2575503	2575562	-	4	5	R.APM*ILALANPEPEILPPLAK.E	25
PLOG-5219	proteomics_log	2575503	2575562	-	4	108	R.APMILALANPEPEILPPLAK.E	24
PLOG-5220	proteomics_log	2575572	2575598	-	4	37	K.VLTQEMVKK.M	13
PLOG-5221	proteomics_log	2575656	2575688	-	4	87	K.AAYAVDDGKR.T	15
PLOG-5222	proteomics_log	2575689	2575733	-	4	7	K.GVIYQGREPNMAETK.A	19
PLOG-5223	proteomics_log	2575833	2575862	-	4	6	R.VVEKNISDVR.M	14
PLOG-5224	proteomics_log	2575833	2575940	-	4	7	R.MNIPVFHDDQHGTAIISTAAILNGLRVVEKNISDVR.M	40
PLOG-5225	proteomics_log	2575863	2575940	-	4	59	R.MNIPVFHDDQHGTAIISTAAILNGLR.V	30
PLOG-5226	proteomics_log	2575983	2576099	-	4	9	K.FAGIDVFDIEVDELDPDKFIEVVAALEPTFGGINLEDIK.A	43
PLOG-5227	proteomics_log	2576118	2576210	-	4	4	R.GNLVAVISNGTAVLGLGNIGALAGKPM*EGK.G	36
PLOG-5228	proteomics_log	2576118	2576210	-	4	113	R.GNLVAVISNGTAVLGLGNIGALAGKPM*EGK.G	35
PLOG-5229	proteomics_log	2576301	2576339	-	4	27	K.IQVSPTKPLATQR.D	17
PLOG-5230	proteomics_log	2576340	2576399	-	4	5	Q.MDDQLKQSALDFHEFPVPGK.I	24
PLOG-5231	proteomics_log	2581078	2581161	-	5	4	R.KLFELYMSPGGVTELIHFFIAEYSDNQR.A	32
PLOG-5232	proteomics_log	2582093	2582137	-	6	3	N.VVVLGGGDTAMDCVR.T	19
PLOG-5233	proteomics_log	2582093	2582137	-	6	3	N.VVVLGGGDTAMDCVR.T	19
PLOG-5234	proteomics_log	2582504	2582560	-	6	13	R.VAIIGAGPAGLACADV LTR.N	23
PLOG-5235	proteomics_log	2582504	2582560	-	6	13	R.VAIIGAGPAGLACADV LTR.N	23
PLOG-5236	proteomics_log	2587521	2587559	-	4	6	R.SIM*ANEVPVLLSR.S	18
PLOG-5237	proteomics_log	2592043	2592096	-	5	2	L.GCLLRLLQTSELALPALR.G	22
PLOG-5238	proteomics_log	2594460	2594549	-	4	7	R.SISPNEDEAAKFTSVILATTEDTWGQQFEK.M	34
PLOG-5239	proteomics_log	2594948	2595001	-	6	12	R.FRQSLGGLIEAYEAVARR.L	22



PLOG-5240	proteomics_log	2594951	2594995	-	6	144	R.QSLGGLIEAYEAVAR.R	19
PLOG-5241	proteomics_log	2594951	2595001	-	6	7	R.FRQSLGGLIEAYEAVAR.R	21
PLOG-5242	proteomics_log	2594951	2595016	-	6	2	K.M*DKDRFRQSLGGLIEAYEAVAR.R	27
PLOG-5243	proteomics_log	2594951	2595016	-	6	10	K.MDKDRFRQSLGGLIEAYEAVAR.R	26
PLOG-5244	proteomics_log	2594954	2595001	-	6	2	R.FRQSLGGLIEAYEAVA.R	20
PLOG-5245	proteomics_log	2595017	2595043	-	6	23	R.LWDKETLEK.M	13
PLOG-5246	proteomics_log	2595044	2595148	-	6	4	K.LFDDAGLILVDFKLEFGLYKGEVVLGDEFSPDGSR.L	39
PLOG-5247	proteomics_log	2595110	2595148	-	6	16	K.LFDDAGLILVDFK.L	17
PLOG-5248	proteomics_log	2595110	2595151	-	6	13	K.KLFDDAGLILVDFK.L	18
PLOG-5249	proteomics_log	2595110	2595190	-	6	4	R.MKELTYKANDVLKLFDDAGLILVDFK.L	31
PLOG-5250	proteomics_log	2595149	2595190	-	6	5	R.M*KELTYKANDVLKK.L	19
PLOG-5251	proteomics_log	2595149	2595190	-	6	27	R.MKELTYKANDVLKK.L	18
PLOG-5252	proteomics_log	2595152	2595190	-	6	4	R.M*KELTYKANDVLK.K	18
PLOG-5253	proteomics_log	2595152	2595190	-	6	21	R.MKELTYKANDVLK.K	17
PLOG-5254	proteomics_log	2595242	2595331	-	6	9	K.RLGIEEGIELNPPLFDLFLKNDAM*HDPM*VN.E	36
PLOG-5255	proteomics_log	2595272	2595328	-	6	32	R.LGIEEGIELNPPLFDLFLK.N	23
PLOG-5256	proteomics_log	2595272	2595331	-	6	80	K.RLGIEEGIELNPPLFDLFLK.N	24
PLOG-5257	proteomics_log	2595329	2595352	-	6	10	R.AAGSLVKR.L	12
PLOG-5258	proteomics_log	2595329	2595358	-	6	4	R.NRAAGSLVKR.L	14
PLOG-5259	proteomics_log	2595332	2595358	-	6	3	R.NRAAGSLVK.R	13
PLOG-5260	proteomics_log	2595359	2595394	-	6	14	K.KLDMVPECVVR.N	16
PLOG-5261	proteomics_log	2595395	2595424	-	6	2	R.LLSDTECLVK.K	14
PLOG-5262	proteomics_log	2595425	2595460	-	6	31	K.LAEAGIPTQM*ER.L	17
PLOG-5263	proteomics_log	2595425	2595460	-	6	173	K.LAEAGIPTQMER.L	16
PLOG-5264	proteomics_log	2595461	2595484	-	6	15	K.FNYFIMSK.L	12
PLOG-5265	proteomics_log	2595461	2595502	-	6	2	K.GM*VNNKFNYFIMSK.L	19
PLOG-5266	proteomics_log	2595461	2595502	-	6	2	K.GM*VNNKFNYFIM*SK.L	20
PLOG-5267	proteomics_log	2595461	2595502	-	6	8	K.GMVNNKFNYFIM*SK.L	19
PLOG-5268	proteomics_log	2595461	2595502	-	6	342	K.GMVNNKFNYFIMSK.L	18
PLOG-5269	proteomics_log	2595461	2595505	-	6	3	R.KGMVNNKFNYFIM*SK.L	20
PLOG-5270	proteomics_log	2595461	2595505	-	6	3	R.KGM*VNNKFNYFIMSK.L	20
PLOG-5271	proteomics_log	2595461	2595505	-	6	3	R.KGM*VNNKFNYFIM*SK.L	21
PLOG-5272	proteomics_log	2595461	2595505	-	6	53	R.KGMVNNKFNYFIMSK.L	19
PLOG-5273	proteomics_log	2595461	2595523	-	6	21	R.IEQFDRKGMVNNKFNYFIMSK.L	25
PLOG-5274	proteomics_log	2595524	2595601	-	6	3	K.TVYSTENPDLLVLEFRNDTSAGDGAR.I	30
PLOG-5275	proteomics_log	2595524	2595607	-	6	60	K.AKTVYSTENPDLLVLEFRNDTSAGDGAR.I	32
PLOG-5276	proteomics_log	2595554	2595601	-	6	291	K.TVYSTENPDLLVLEFR.N	20
PLOG-5277	proteomics_log	2595554	2595607	-	6	99	K.AKTVYSTENPDLLVLEFR.N	22
PLOG-5278	proteomics_log	2595554	2595625	-	6	10	A.ELYRGKAKTVYSTENPDLLVLEFR.N	28
PLOG-5279	proteomics_log	2595602	2595631	-	6	15	K.QAELYRGKAK.T	14
PLOG-5280	proteomics_log	2595602	2595640	-	6	71	K.MQKQAELYRGKAK.T	17
PLOG-5281	proteomics_log	2595608	2595640	-	6	9	K.M*QKQAELYRGK.A	16
PLOG-5282	proteomics_log	2595608	2595640	-	6	160	K.MQKQAELYRGK.A	15
PLOG-5283	proteomics_log	2595614	2595640	-	6	3	K.M*QKQAELYR.G	14
PLOG-5284	proteomics_log	2595614	2595640	-	6	40	K.MQKQAELYR.G	13
PLOG-5285	proteomics_log	2595856	2595921	-	5	15	K.GHTLTQSQNDALVAVFQAQAFSK.-	26

PLOG-5286	proteomics_log	2595856	2595948	-	5	35	R.SSLQFIDPKGHTLTQSQNDALVAVFQAAFSK.-	35
PLOG-5287	proteomics_log	2596075	2596104	-	5	5	K.VGMKVTDSTR.S	14
PLOG-5288	proteomics_log	2596126	2596218	-	5	2	R.ASTTMDVQSAADDTGLPMLVVRGPFNVVWQR.L	35
PLOG-5289	proteomics_log	2596219	2596254	-	5	58	K.SATDAANAAQNR.A	16
PLOG-5290	proteomics_log	2596219	2596299	-	5	81	R.YSTEMMNVISAGLDKSATDAANAAQNR.A	31
PLOG-5291	proteomics_log	2596255	2596299	-	5	9	R.YSTEMMNVISAGLDK.S	19
PLOG-5292	proteomics_log	2596300	2596356	-	5	61	K.LLNLEQAGKPVADAASMQR.Y	23
PLOG-5293	proteomics_log	2596507	2596599	-	5	3	R.TQFTGDTASLLVENGRGNTLWPQVSVLQAK.N	35
PLOG-5294	proteomics_log	2596600	2596653	-	5	95	K.ALDIRPPAQLALVSGAR.T	22
PLOG-5295	proteomics_log	2596907	2596933	-	6	77	R.AALKHAGLL.-	13
PLOG-5296	proteomics_log	2596934	2597011	-	6	23	K.ELGLVATDTRLRPMPTITDSGRETVR.A	30
PLOG-5297	proteomics_log	2596946	2597011	-	6	39	K.ELGLVATDTRLRPMPTITDSGR.E	26
PLOG-5298	proteomics_log	2596979	2597011	-	6	4	K.ELGLVATDTRLR.L	15
PLOG-5299	proteomics_log	2597024	2597056	-	6	9	K.LFVEPNPIPVK.W	15
PLOG-5300	proteomics_log	2597093	2597125	-	6	80	K.LAAEGHFAEAR.V	15
PLOG-5301	proteomics_log	2597147	2597275	-	6	9	R.VNQIKELVSDDFVLLSGDDASALDFMQLGGHGVISVTANVAAR.D	47
PLOG-5302	proteomics_log	2597276	2597317	-	6	84	K.NIIGIKEATGNLTR.V	18
PLOG-5303	proteomics_log	2597276	2597323	-	6	80	K.VKNIIGIKEATGNLTR.V	20
PLOG-5304	proteomics_log	2597276	2597332	-	6	3	R.LAKVKNIIGIKEATGNLTR.V	23
PLOG-5305	proteomics_log	2597300	2597323	-	6	3	K.VKNIIGIK.E	12
PLOG-5306	proteomics_log	2597333	2597368	-	6	2	R.TGCDLLPETVGR.L	16
PLOG-5307	proteomics_log	2597333	2597422	-	6	4	K.AIAEHTDLPQILYNVPSRTGCDLLPETVGR.L	34
PLOG-5308	proteomics_log	2597369	2597422	-	6	86	K.AIAEHTDLPQILYNVPSR.T	22
PLOG-5309	proteomics_log	2597720	2597782	-	6	2	P.MFTGSIVAIVTPMDEKGNVCR.A	25
PLOG-5310	proteomics_log	2597735	2597782	-	6	23	P.MFTGSIVAIVTPMDEK.G	20
PLOG-5311	proteomics_log	2605898	2605981	-	6	3	R.LWFKMCSSAAKIPSGPPMPSSTATSPM*F.S	33
PLOG-5312	proteomics_log	2613431	2613460	-	6	2	G.GENFPRLAGR.F	14
PLOG-5313	proteomics_log	2618271	2618381	-	4	136	K.AHPDVELYTASIDQGLNEHYIIPGLGDAGDKIFGTK.-	41
PLOG-5314	proteomics_log	2618382	2618429	-	4	269	K.VLVLVAPEGIAALEK.A	20
PLOG-5315	proteomics_log	2618451	2618522	-	4	2	R.M*ALIVDPM*LATGGSVIATIDLLKK.A	30
PLOG-5316	proteomics_log	2618451	2618522	-	4	2	R.MALIVDPM*LATGGSVIATIDLLKK.A	29
PLOG-5317	proteomics_log	2618451	2618522	-	4	5	R.M*ALIVDPM*LATGGSVIATIDLLKK.A	29
PLOG-5318	proteomics_log	2618451	2618522	-	4	92	R.MALIVDPM*LATGGSVIATIDLLKK.A	28
PLOG-5319	proteomics_log	2618451	2618546	-	4	17	K.LVSNIDERMALIVDPM*LATGGSVIATIDLLKK.A	36
PLOG-5320	proteomics_log	2618454	2618522	-	4	6	R.M*ALIVDPM*LATGGSVIATIDLLK.K	28
PLOG-5321	proteomics_log	2618454	2618522	-	4	6	R.M*ALIVDPM*LATGGSVIATIDLLK.K	29
PLOG-5322	proteomics_log	2618454	2618522	-	4	314	R.MALIVDPM*LATGGSVIATIDLLK.K	27
PLOG-5323	proteomics_log	2618454	2618546	-	4	4	K.LVSNIDERMALIVDPM*LATGGSVIATIDLLK.K	35
PLOG-5324	proteomics_log	2618523	2618546	-	4	174	K.LVSNIDER.M	12
PLOG-5325	proteomics_log	2618523	2618585	-	4	6	R.NEETLEPVYFQKLVSNIDER.M	25
PLOG-5326	proteomics_log	2618523	2618609	-	4	4	R.ISVVGM*YRNEETLEPVYFQKLVSNIDER.M	34
PLOG-5327	proteomics_log	2618523	2618609	-	4	230	R.ISVVGM*YRNEETLEPVYFQKLVSNIDER.M	33
PLOG-5328	proteomics_log	2618547	2618585	-	4	107	R.NEETLEPVYFQK.L	17
PLOG-5329	proteomics_log	2618547	2618609	-	4	3	R.ISVVGM*YRNEETLEPVYFQK.L	26
PLOG-5330	proteomics_log	2618547	2618609	-	4	102	R.ISVVGM*YRNEETLEPVYFQK.L	25
PLOG-5331	proteomics_log	2618586	2618609	-	4	91	R.ISVVGM*YR.N	12

PLOG-5332	proteomics_log	2618610	2618660	-	4	9	R.AGLGM*M*DGVLENVPSAR.I	23
PLOG-5333	proteomics_log	2618610	2618660	-	4	279	R.AGLGMMDGVLENVPSAR.I	21
PLOG-5334	proteomics_log	2618610	2618687	-	4	3	K.KITVVPILRAGLGMMDGVLENVPSAR.I	30
PLOG-5335	proteomics_log	2618661	2618684	-	4	13	K.ITVVPILR.A	12
PLOG-5336	proteomics_log	2618661	2618687	-	4	116	K.KITVVPILR.A	13
PLOG-5337	proteomics_log	2618661	2618693	-	4	2	K.GKKITVVPILR.A	15
PLOG-5338	proteomics_log	2618685	2618780	-	4	39	L.LTYEATADLETEKVTIEGWNGPVEIDQIKGKK.I	36
PLOG-5339	proteomics_log	2618688	2618813	-	4	28	R.FRELADEVGSLTYEATADLETEKVTIEGWNGPVEIDQIKGK.K	46
PLOG-5340	proteomics_log	2618694	2618807	-	4	2	R.ELASEVGSLLTYEATADLETEKVTIEGWNGPVEIDQIK.G	42
PLOG-5341	proteomics_log	2618694	2618813	-	4	3	R.FRELADEVGSLTYEATADLETEKVTIEGWNGPVEIDQIK.G	44
PLOG-5342	proteomics_log	2618742	2618813	-	4	5	R.FRELADEVGSLTYEATADLETEK.V	28
PLOG-5343	proteomics_log	2618814	2618852	-	4	2	K.LGLM*REQDISTKR.F	18
PLOG-5344	proteomics_log	2618814	2618852	-	4	40	K.LGLMREQDISTKR.F	17
PLOG-5345	proteomics_log	2618817	2618837	-	4	3	R.EQDISTK.R	11
PLOG-5346	proteomics_log	2618859	2618888	-	4	10	K.IVEVKHPLVK.H	14
PLOG-5347	proteomics_log	2618859	2618894	-	4	9	S.M*KIVEVKHPLVK.H	17
PLOG-5348	proteomics_log	2618859	2618894	-	4	255	S.MKIVEVKHPLVK.H	16
PLOG-5349	proteomics_log	2618874	2618894	-	4	2	S.MKIVEVK.H	11
PLOG-5350	proteomics_log	2628619	2628654	-	5	6	H.LHNFDRVFCPQR.L	16
PLOG-5351	proteomics_log	2628983	2629030	-	6	41	R.VVYDISGKPPATIEWE.-	20
PLOG-5352	proteomics_log	2629031	2629060	-	6	18	R.IINEVNGISR.V	14
PLOG-5353	proteomics_log	2629031	2629072	-	6	5	R.VSNRIINEVNGISR.V	18
PLOG-5354	proteomics_log	2629073	2629138	-	6	27	R.AVETIDFMTAHWAHLPYDFLGR.V	26
PLOG-5355	proteomics_log	2629139	2629165	-	6	4	R.KYDWWVSLR.A	13
PLOG-5356	proteomics_log	2629193	2629228	-	6	2	K.VSQAFTVFLPVR.S	16
PLOG-5357	proteomics_log	2629193	2629246	-	6	5	K.ADLYDKVSQAFTVFLPVR.S	22
PLOG-5358	proteomics_log	2629193	2629249	-	6	12	R.KADLYDKVSQAFTVFLPVR.S	23
PLOG-5359	proteomics_log	2629193	2629279	-	6	5	R.ADAIFIEELRKADLYDKVSQAFTVFLPVR.S	33
PLOG-5360	proteomics_log	2629193	2629282	-	6	29	R.RADAIFIEELRKADLYDKVSQAFTVFLPVR.S	34
PLOG-5361	proteomics_log	2629250	2629282	-	6	3	R.RADAIFIEELR.K	15
PLOG-5362	proteomics_log	2629325	2629399	-	6	33	K.IGLELGLPYDMLYRHPFPGPGLGVR.V	29
PLOG-5363	proteomics_log	2629325	2629402	-	6	13	R.KIGLELGLPYDMLYRHPFPGPGLGVR.V	30
PLOG-5364	proteomics_log	2629358	2629399	-	6	11	K.IGLELGLPYDMLYR.H	18
PLOG-5365	proteomics_log	2629358	2629402	-	6	2	R.KIGLELGLPYDMLYR.H	19
PLOG-5366	proteomics_log	2629400	2629450	-	6	15	K.MGLVEPLKELFKDEVK.I	21
PLOG-5367	proteomics_log	2629403	2629450	-	6	2	K.M*GLVEPLKELFKDEVK.K	21
PLOG-5368	proteomics_log	2629403	2629450	-	6	10	K.MGLVEPLKELFKDEVK.K	20
PLOG-5369	proteomics_log	2629505	2629618	-	6	5	R.VFVEVFDEEALKLEDVKWLAQGTIYPDVIESAASATGK.A	42
PLOG-5370	proteomics_log	2629637	2629678	-	6	4	R.FLSALAGENDPEAK.R	18
PLOG-5371	proteomics_log	2629637	2629759	-	6	4	R.LNEAEQVLDMFGDHFGLNIVHVPEDRFLSALAGENDPEAK.R	45
PLOG-5372	proteomics_log	2629679	2629759	-	6	54	R.LNEAEQVLDMFGDHFGLNIVHVPEDR.F	31
PLOG-5373	proteomics_log	2629811	2629897	-	6	19	R.IREQVGDDKIVLGLSGGVDSSTAMLLHR.A	33
PLOG-5374	proteomics_log	2629898	2629921	-	6	2	K.IIDDAVAR.I	12
PLOG-5375	proteomics_log	2629994	2630035	-	6	7	R.FYGVQFHPEVTHTR.Q	18
PLOG-5376	proteomics_log	2630483	2630530	-	6	51	R.ILILDFGSQYTLVAR.R	20
PLOG-5377	proteomics_log	2630498	2630530	-	6	5	R.ILILDFGSQYT.Q	15

PLOG-5378	proteomics_log	2630629	2630709	-	5	136	R.ISGAGIQESHVHDVTITKESPNYRLGS.-	31
PLOG-5379	proteomics_log	2630638	2630709	-	5	184	R.ISGAGIQESHVHDVTITKESPNYR.L	28
PLOG-5380	proteomics_log	2630656	2630709	-	5	97	R.ISGAGIQESHVHDVTITK.E	22
PLOG-5381	proteomics_log	2630710	2630775	-	5	7	R.SCMGLTGCGTIDELRTKAEFVR.I	26
PLOG-5382	proteomics_log	2630731	2630775	-	5	5	R.SCMGLTGCGTIDELR.T	19
PLOG-5383	proteomics_log	2630776	2630814	-	5	30	R.LKEIIHQQM*GGLR.S	18
PLOG-5384	proteomics_log	2630776	2630814	-	5	375	R.LKEIIHQQMGGGLR.S	17
PLOG-5385	proteomics_log	2630776	2630832	-	5	14	R.VAYKGRLLKEIIHQQMGGGLR.S	23
PLOG-5386	proteomics_log	2630833	2630889	-	5	43	R.YFQSDNAADKLVPEGIEGR.V	23
PLOG-5387	proteomics_log	2630833	2630904	-	5	76	K.GSSDRYFQSDNAADKLVPEGIEGR.V	28
PLOG-5388	proteomics_log	2630833	2630934	-	5	4	R.GMGSLGAMSKGSSDRYFQSDNAADKLVPEGIEGR.V	38
PLOG-5389	proteomics_log	2630904	2630966	-	4	9	N.STRAVLNLTVVVWPWARCPK.V	25
PLOG-5390	proteomics_log	2630905	2630934	-	5	16	R.GM*GSLGAM*SK.G	16
PLOG-5391	proteomics_log	2630905	2630934	-	5	162	R.GMGSLGAMSK.G	14
PLOG-5392	proteomics_log	2630905	2630943	-	5	9	K.SYRGMGSLGAMSK.G	17
PLOG-5393	proteomics_log	2630935	2630952	-	5	3	R.SYKSYR.G	10
PLOG-5394	proteomics_log	2630953	2631045	-	5	14	K.AIAAGASAVM*VGSM*LAGTEESPGEIELYQGR.S	37
PLOG-5395	proteomics_log	2630953	2631045	-	5	72	K.AIAAGASAVMVGSM*LAGTEESPGEIELYQGR.S	35
PLOG-5396	proteomics_log	2630953	2631066	-	5	5	R.FSGDIAKAIAGASAVMVGSM*LAGTEESPGEIELYQGR.S	42
PLOG-5397	proteomics_log	2631046	2631066	-	5	4	R.FSGDIAK.A	11
PLOG-5398	proteomics_log	2631046	2631105	-	5	3	E.GTGIPVIADGGIRFSGDIAK.A	24
PLOG-5399	proteomics_log	2631046	2631168	-	5	212	R.IVTGVGVPQITAVADAVEALEGTGIPVIADGGIRFSGDIAK.A	45
PLOG-5400	proteomics_log	2631067	2631168	-	5	199	R.IVTGVGVPQITAVADAVEALEGTGIPVIADGGIR.F	38
PLOG-5401	proteomics_log	2631067	2631219	-	5	15	G.CSAVKVIGIPGSICTTRIVTGVGVPQITAVADAVEALEGTGIPVIADGGIR.F	55
PLOG-5402	proteomics_log	2631073	2631168	-	5	4	R.IVTGVGVPQITAVADAVEALEGTGIPVIADGG.I	36
PLOG-5403	proteomics_log	2631169	2631237	-	5	12	R.ALAEAGCSAVKVGIPGSICTTR.I	27
PLOG-5404	proteomics_log	2631205	2631237	-	5	7	R.ALAEAGCSAVK.V	15
PLOG-5405	proteomics_log	2631238	2631297	-	5	423	R.AKYPDLQIIGGNVATAAGAR.A	24
PLOG-5406	proteomics_log	2631238	2631312	-	5	2	R.IRETRAKYPDLQIIGGNVATAAGAR.A	29
PLOG-5407	proteomics_log	2631313	2631393	-	5	106	R.VDALVAAGVDVLLIDSSHHGSEGLQR.I	31
PLOG-5408	proteomics_log	2631313	2631435	-	5	200	R.VGAAVGAGAGNEERVDALVAAGVDVLLIDSSHHGSEGLQR.I	45
PLOG-5409	proteomics_log	2631394	2631435	-	5	102	R.VGAAVGAGAGNEER.V	18
PLOG-5410	proteomics_log	2631436	2631474	-	5	3	R.KPNACKDEQGR.LR.V	17
PLOG-5411	proteomics_log	2631475	2631546	-	5	2	K.ALVDDEFHLIGMITVKDFQKAER.K	28
PLOG-5412	proteomics_log	2631484	2631546	-	5	106	K.ALVDDEFHLIGMITVKDFQK.A	25
PLOG-5413	proteomics_log	2631559	2631588	-	5	3	R.EVVLAKM*HEK.R	15
PLOG-5414	proteomics_log	2631571	2631588	-	5	5	R.EVVLAK.M	10
PLOG-5415	proteomics_log	2631571	2631603	-	5	12	R.EGEAREVVLAK.M	15
PLOG-5416	proteomics_log	2631571	2631618	-	5	15	R.LVTVREGEAREVVLAK.M	20
PLOG-5417	proteomics_log	2631589	2631618	-	5	11	R.LVTVREGEAR.E	14
PLOG-5418	proteomics_log	2631619	2631672	-	5	6	R.FVTDLNQPVSVYM*TPKER.L	23
PLOG-5419	proteomics_log	2631619	2631672	-	5	210	R.FVTDLNQPVSVYM*TPKER.L	22
PLOG-5420	proteomics_log	2631625	2631672	-	5	8	R.FVTDLNQPVSVYM*TPK.E	21
PLOG-5421	proteomics_log	2631625	2631672	-	5	145	R.FVTDLNQPVSVYM*TPK.E	20
PLOG-5422	proteomics_log	2631634	2631672	-	5	8	R.FVTDLNQPVSVYM*.T	18
PLOG-5423	proteomics_log	2631682	2631747	-	5	369	R.NGFAGYPPVTEENELVGIITGR.D	26

PLOG-5424	proteomics_log	2631748	2631828	-	5	3	K.HESGVVTDQPQTVLPTTTTLREVKELTER.N	31
PLOG-5425	proteomics_log	2631748	2631831	-	5	2	K.KHESGVVTDQPQTVLPTTTTLREVKELTER.N	32
PLOG-5426	proteomics_log	2631748	2631837	-	5	2	R.VKKHESGVVTDQPQTVLPTTTTLREVKELTER.N	34
PLOG-5427	proteomics_log	2631763	2631831	-	5	8	K.KHESGVVTDQPQTVLPTTTTLREVK.E	27
PLOG-5428	proteomics_log	2631763	2631837	-	5	7	R.VKKHESGVVTDQPQTVLPTTTTLREVK.E	29
PLOG-5429	proteomics_log	2631772	2631828	-	5	5	K.HESGVVTDQPQTVLPTTTTLR.E	23
PLOG-5430	proteomics_log	2631772	2631831	-	5	7	K.KHESGVVTDQPQTVLPTTTTLR.E	24
PLOG-5431	proteomics_log	2631772	2631837	-	5	51	R.VKKHESGVVTDQPQTVLPTTTTLR.E	26
PLOG-5432	proteomics_log	2631838	2631876	-	5	9	K.NMSIERQAEEVRR.V	17
PLOG-5433	proteomics_log	2631859	2631924	-	5	93	R.LAIALAQEGGIGFIHKNMSIER.Q	26
PLOG-5434	proteomics_log	2631877	2631924	-	5	168	R.LAIALAQEGGIGFIHK.N	20
PLOG-5435	proteomics_log	2631925	2631975	-	5	2	R.LNIPM*LSAAM*DTVTEAR.L	23
PLOG-5436	proteomics_log	2631925	2631975	-	5	3	R.LNIPMLSAAM*DTVTEAR.L	22
PLOG-5437	proteomics_log	2631925	2631975	-	5	454	R.LNIPMLSAAMDTVTEAR.L	21
PLOG-5438	proteomics_log	2631925	2631984	-	5	2	K.TIRLNIPM*LSAAMDTVTEAR.L	25
PLOG-5439	proteomics_log	2631925	2631984	-	5	2	K.TIRLNIPM*LSAAM*DTVTEAR.L	26
PLOG-5440	proteomics_log	2631925	2631984	-	5	5	K.TIRLNIPMLSAAM*DTVTEAR.L	25
PLOG-5441	proteomics_log	2631925	2631984	-	5	307	K.TIRLNIPMLSAAMDTVTEAR.L	24
PLOG-5442	proteomics_log	2631925	2632044	-	5	3	L.VPAHSTVLPNTADLSTQLTKTIRLNIPMLSAAMDTVTEAR.L	44
PLOG-5443	proteomics_log	2631985	2632074	-	5	224	K.EALTFFDDVLLVPAHSTVLPNTADLSTQLTK.T	34
PLOG-5444	proteomics_log	2631985	2632083	-	5	296	R.IAKEALTFFDDVLLVPAHSTVLPNTADLSTQLTK.T	37
PLOG-5445	proteomics_log	2631985	2632092	-	5	6	P.MLRIAKEALTFFDDVLLVPAHSTVLPNTADLSTQLTK.T	40
PLOG-5446	proteomics_log	2632018	2632083	-	5	23	R.IAKEALTFFDDVLLVPAHSTVLP.N	26
PLOG-5447	proteomics_log	2632770	2632823	-	4	2	Q.FNGANNLPRRVIALNGGR.V	22
PLOG-5448	proteomics_log	2633975	2634016	-	6	5	R.IQFKEGENPYANKR.N	18
PLOG-5449	proteomics_log	2634017	2634046	-	6	2	K.SLDVMGSPIR.I	14
PLOG-5450	proteomics_log	2634071	2634154	-	6	2	K.YAHAGGYNPPIVVIHGNQVKDLPDSYKR.Y	32
PLOG-5451	proteomics_log	2634095	2634154	-	6	3	K.YAHAGGYNPPIVVIHGNQVK.D	24
PLOG-5452	proteomics_log	2634095	2634160	-	6	5	K.LKYAHAGGYNPPIVVIHGNQVK.D	26
PLOG-5453	proteomics_log	2634176	2634220	-	6	2	R.IM*TMAVEDHQPLVR.G	20
PLOG-5454	proteomics_log	2634176	2634220	-	6	29	R.IMTMAVEDHQPLVR.G	19
PLOG-5455	proteomics_log	2634221	2634247	-	6	25	R.RVGTSMLTR.I	13
PLOG-5456	proteomics_log	2634272	2634331	-	6	4	R.VHFISALHGSGVGNLFESVR.E	24
PLOG-5457	proteomics_log	2634332	2634355	-	6	2	R.LGFIDFAR.V	12
PLOG-5458	proteomics_log	2634356	2634436	-	6	15	R.SLVIVVNKWDGLSQEVKEQVKETLDFR.L	31
PLOG-5459	proteomics_log	2634437	2634493	-	6	32	R.EGISDQDLSLLGFILNSGR.S	23
PLOG-5460	proteomics_log	2634494	2634547	-	6	6	K.TLQAIEDANVVMMLVIDAR.E	22
PLOG-5461	proteomics_log	2634596	2634637	-	6	3	R.DGREYVLIDTAGVR.K	18
PLOG-5462	proteomics_log	2634665	2634697	-	6	3	R.VVYDM*PGTTR.D	16
PLOG-5463	proteomics_log	2634665	2634697	-	6	15	R.VVYDMPGTTR.D	15
PLOG-5464	proteomics_log	2634734	2634766	-	6	4	K.LAIVGRPNVGK.S	15
PLOG-5465	proteomics_log	2634932	2635021	-	6	5	K.TDGLDPDQAVVDFYSLGLGEIYPIAASHGR.G	34
PLOG-5466	proteomics_log	2634932	2635051	-	6	16	R.EKPTFLVANKTDGLDPDQAVVDFYSLGLGEIYPIAASHGR.G	44
PLOG-5467	proteomics_log	2634932	2635057	-	6	3	R.SREKPTFLVANKTDGLDPDQAVVDFYSLGLGEIYPIAASHGR.G	46
PLOG-5468	proteomics_log	2635067	2635102	-	6	21	R.AGLMPADEAIAK.H	16
PLOG-5469	proteomics_log	2635103	2635168	-	6	12	R.MAEQSLLAIEEADVLFMVDAR.A	26

PLOG-5470	proteomics_log	2635265	2635300	-	6	6	R.DALVADFPGLTR.D	16
PLOG-5471	proteomics_log	2635265	2635306	-	6	15	R.TRDALVADFPGLTR.D	18
PLOG-5472	proteomics_log	2635334	2635372	-	6	5	V.PVVALVGRPNVGK.S	17
PLOG-5473	proteomics_log	2635334	2635378	-	6	25	N.MVPVALVGRPNVGK.S	19
PLOG-5474	proteomics_log	2635499	2635525	-	6	3	K.DGTVYSITR.-	13
PLOG-5475	proteomics_log	2635544	2635591	-	6	18	K.VDSSGFQTEPVAADGK.L	20
PLOG-5476	proteomics_log	2635610	2635699	-	6	4	R.LLTSPVLYNGNLVVGDSSEGYLHWINVEDGR.F	34
PLOG-5477	proteomics_log	2635790	2635831	-	6	3	R.ELGSVNDFIVDGNR.I	18
PLOG-5478	proteomics_log	2635946	2635981	-	6	4	R.ISQATGSTEIDR.L	16
PLOG-5479	proteomics_log	2636429	2636524	-	6	6	T.SVGSIGIGNFYSNLHPALADNVVYAADRAGLVK.A	36
PLOG-5480	proteomics_log	2636706	2636747	-	4	3	K.SDVTALSEM*M*QM*K.I	21
PLOG-5481	proteomics_log	2636706	2636747	-	4	8	K.SDVTALSEMMQMK.I	18
PLOG-5482	proteomics_log	2636706	2636771	-	4	14	R.SAWEAGVKSDVTALSEMMQMK.I	26
PLOG-5483	proteomics_log	2636772	2636813	-	4	2	R.GEALLSKGDKQGAR.S	18
PLOG-5484	proteomics_log	2636916	2636987	-	4	15	K.AAAQLQQGLADTSDENLKAVINLR.L	28
PLOG-5485	proteomics_log	2636988	2637074	-	4	4	K.FAAENKNTYGALASLELAQQFVDKNELEK.A	33
PLOG-5486	proteomics_log	2637075	2637152	-	4	3	R.SASLAYQNAVTAVSEGKPDSSIPAAEK.F	30
PLOG-5487	proteomics_log	2637338	2637388	-	6	36	R.SGEQTAVAQDSVAHLR.T	21
PLOG-5488	proteomics_log	2637389	2637451	-	6	13	R.VAVVLGESEVANGTAVVKDLR.S	25
PLOG-5489	proteomics_log	2637473	2637520	-	6	4	K.LMTNHGGGNFKKQFAR.A	20
PLOG-5490	proteomics_log	2637485	2637520	-	6	3	K.LMTNHGGGNFKK.Q	16
PLOG-5491	proteomics_log	2637485	2637520	-	6	3	K.LM*TNHGGGNFKK.Q	17
PLOG-5492	proteomics_log	2637626	2637664	-	6	3	R.LVLLVQAVNPEFK.A	17
PLOG-5493	proteomics_log	2637665	2637703	-	6	12	R.ATPAVGFAMGLER.L	17
PLOG-5494	proteomics_log	2638286	2638327	-	6	9	R.AGIEHGLLYNQEQR.L	18
PLOG-5495	proteomics_log	2638379	2638435	-	6	5	R.AIGEVTDVVEKEMYTFEDR.N	23
PLOG-5496	proteomics_log	2638403	2638435	-	6	3	R.AIGEVTDVVEK.E	15
PLOG-5497	proteomics_log	2638436	2638507	-	6	22	K.NVLGSYGYSEIRLPIVEQTPLFKR.A	28
PLOG-5498	proteomics_log	2638436	2638525	-	6	36	R.IEGTLKKNVLGSYGYSEIRLPIVEQTPLFKR.A	34
PLOG-5499	proteomics_log	2638526	2638570	-	6	6	R.GMNDYLPGETAIWQR.I	19
PLOG-5500	proteomics_log	2638526	2638594	-	6	4	V.AKNIQAIRGMNDYLPGETAIWQR.I	27
PLOG-5501	proteomics_log	2638571	2638594	-	6	13	V.AKNIQAIR.G	12
PLOG-5502	proteomics_log	2638711	2638737	-	5	3	R.RIDVQQVEK.-	13
PLOG-5503	proteomics_log	2638735	2638767	-	5	2	R.AKASQLDEARR.I	15
PLOG-5504	proteomics_log	2638738	2638767	-	5	16	R.AKASQLDEAR.R	14
PLOG-5505	proteomics_log	2638957	2639001	-	5	5	R.QEFDVIGTVNALEQR.L	19
PLOG-5506	proteomics_log	2639050	2639115	-	5	2	R.VSLAADPVVEIKVGFIDILKSLR.I	26
PLOG-5507	proteomics_log	2639059	2639115	-	5	39	R.VSLAADPVVEIKVGFIDILK.S	23
PLOG-5508	proteomics_log	2639059	2639169	-	5	7	K.SAIGLGLLLSEGIGDTLRVS LAADPVVEIKVGFIDILK.S	41
PLOG-5509	proteomics_log	2639059	2639184	-	5	2	R.SGAVKSAIGLGLLLSEGIGDTLRVS LAADPVVEIKVGFIDILK.S	46
PLOG-5510	proteomics_log	2639116	2639169	-	5	96	K.SAIGLGLLLSEGIGDTLR.V	22
PLOG-5511	proteomics_log	2639116	2639184	-	5	2	R.SGAVKSAIGLGLLLSEGIGDTLR.V	27
PLOG-5512	proteomics_log	2639185	2639235	-	5	8	K.QIDQPLHLGITEAGGAR.S	21
PLOG-5513	proteomics_log	2639248	2639283	-	5	5	K.ASDVFLAVESYR.L	16
PLOG-5514	proteomics_log	2639296	2639337	-	5	4	R.HVDHLDRNLNFDQFK.V	18
PLOG-5515	proteomics_log	2639338	2639382	-	5	2	K.YGEPTPQALLESAMR.H	19

PLOG-5516	proteomics_log	2639338	2639427	-	5	3	R.IGVNAGSLEKDLQEKYGEPTPQALLESAMR.H	34
PLOG-5517	proteomics_log	2639476	2639508	-	5	4	R.INPGNIGNEER.I	15
PLOG-5518	proteomics_log	2639599	2639646	-	5	4	R.VSVPTMDAAEAFKLIK.Q	20
PLOG-5519	proteomics_log	2639599	2639667	-	5	3	R.VGADIVRVSVPTMDAAEAFKLIK.Q	27
PLOG-5520	proteomics_log	2639668	2639715	-	5	2	R.TTDVEATVNQIKALER.V	20
PLOG-5521	proteomics_log	2639680	2639715	-	5	9	R.TTDVEATVNQIK.A	16
PLOG-5522	proteomics_log	2639716	2639784	-	5	2	R.IYVGNVPIGDGAPIAVQSM*TNTR.T	28
PLOG-5523	proteomics_log	2639716	2639784	-	5	55	R.IYVGNVPIGDGAPIAVQSM*TNTR.T	27
PLOG-5524	proteomics_log	2639800	2639826	-	5	15	F.M*HNQAPIQR.R	14
PLOG-5525	proteomics_log	2639800	2639826	-	5	16	F.MHNQAPIQR.R	13
PLOG-5526	proteomics_log	2639856	2639888	-	4	29	R.LTLNAEQSPAQ.-	15
PLOG-5527	proteomics_log	2639889	2639915	-	4	3	R.FIRTNQVAR.L	13
PLOG-5528	proteomics_log	2639916	2639975	-	4	5	K.IGAAPAAVQIQYQGKPVDSL.R.F	24
PLOG-5529	proteomics_log	2640612	2640656	-	4	22	R.LVHIPEEELLPGLEK.Q	19
PLOG-5530	proteomics_log	2640681	2640731	-	4	3	R.DIEEDKAPADLASTFLR.G	21
PLOG-5531	proteomics_log	2640681	2640746	-	4	10	K.VSTVRDIEEDKAPADLASTFLR.G	26
PLOG-5532	proteomics_log	2640759	2640797	-	4	23	R.EQLGLSQQAVAER.L	17
PLOG-5533	proteomics_log	2640759	2640806	-	4	3	R.NAREQLGLSQQAVAER.L	20
PLOG-5534	proteomics_log	2640759	2640812	-	4	5	R.LRNAREQLGLSQQAVAER.L	22
PLOG-5535	proteomics_log	2640813	2640863	-	4	4	M.NTEATHDQNEALTTGAR.L	21
PLOG-5536	proteomics_log	2640813	2640866	-	4	6	R.M*NTEATHDQNEALTTGAR.L	23
PLOG-5537	proteomics_log	2640813	2640866	-	4	19	R.MNTEATHDQNEALTTGAR.L	22
PLOG-5538	proteomics_log	2641691	2641816	-	6	18	K.VTGQRPIITNVVMMGMGEPLLNLNNVVPAMEIMLDDFGFLSK.R	46
PLOG-5539	proteomics_log	2641883	2641942	-	6	41	S.QVGCALCKFCSTAAQQGFNR.N	24
PLOG-5540	proteomics_log	2642045	2642101	-	6	2	R.GKLKEVAEIRAPEVVEEQR.S	23
PLOG-5541	proteomics_log	2642506	2642574	-	5	239	R.ADYADSLTENGTHGSDSVESAAR.E	27
PLOG-5542	proteomics_log	2642506	2642601	-	5	2	P.ANALAGTLRADYADSLTENGTHGSDSVESAAR.E	36
PLOG-5543	proteomics_log	2642506	2642625	-	5	32	R.DLLGATNPANALAGTLRADYADSLTENGTHGSDSVESAAR.E	44
PLOG-5544	proteomics_log	2642506	2642631	-	5	7	R.HRDLLGATNPANALAGTLRADYADSLTENGTHGSDSVESAAR.E	46
PLOG-5545	proteomics_log	2642575	2642625	-	5	171	R.DLLGATNPANALAGTLR.A	21
PLOG-5546	proteomics_log	2642575	2642631	-	5	123	R.HRDLLGATNPANALAGTLR.A	23
PLOG-5547	proteomics_log	2642626	2642742	-	5	24	R.GFYAEHDGKPPFDGLVEFMTSGPIVSVLEGENAVQR.HR.D	43
PLOG-5548	proteomics_log	2642632	2642679	-	5	7	S.GPIVSVLEGENAVQR.H	20
PLOG-5549	proteomics_log	2642632	2642742	-	5	37	R.GFYAEHDGKPPFDGLVEFM*TSGPVIVSVLEGENAVQR.H	42
PLOG-5550	proteomics_log	2642632	2642742	-	5	477	R.GFYAEHDGKPPFDGLVEFMTSGPIVSVLEGENAVQR.H	41
PLOG-5551	proteomics_log	2642743	2642772	-	5	7	K.M*LHLTVEQAR.G	15
PLOG-5552	proteomics_log	2642743	2642772	-	5	464	K.MLHLTVEQAR.G	14
PLOG-5553	proteomics_log	2642743	2642808	-	5	25	R.FEAAGFKIVGTMKMLHLTVEQAR.G	26
PLOG-5554	proteomics_log	2642743	2642835	-	5	2	K.NVIGNIFARFEAAGFKIVGTMKMLHLTVEQAR.G	35
PLOG-5555	proteomics_log	2642752	2642772	-	5	3	K.MLHLTVE.Q	11
PLOG-5556	proteomics_log	2642773	2642808	-	5	200	R.FEAAGFKIVGTK.M	16
PLOG-5557	proteomics_log	2642773	2642835	-	5	4	K.NVIGNIFARFEAAGFKIVGTK.M	25
PLOG-5558	proteomics_log	2642773	2642871	-	5	3	R.TFSIIPNAVAKNVIGNIFARFEAAGFKIVGTK.M	37
PLOG-5559	proteomics_log	2642788	2642808	-	5	87	R.FEAAGFK.I	11
PLOG-5560	proteomics_log	2642809	2642835	-	5	120	K.NVIGNIFAR.F	13
PLOG-5561	proteomics_log	2642809	2642859	-	5	4	I.IKPNAVAKNVIGNIFAR.F	21

PLOG-5562	proteomics_log	2642809	2642871	-	5	191	R.TFSIIKPNNAVAKNVIGNIFAR.F	25
PLOG-5563	proteomics_log	2642809	2642883	-	5	72	M.AIERTFSIIKPNNAVAKNVIGNIFAR.F	29
PLOG-5564	proteomics_log	2642836	2642871	-	5	174	R.TFSIIKPNNAVAK.N	16
PLOG-5565	proteomics_log	2643412	2643480	-	5	4	R.KALM*AFVSPSGWMKMANVLPPIA.R	28
PLOG-5566	proteomics_log	2646047	2646148	-	6	3	R.DNALMLSLLEENKLLPDEQYTLNLTLSQQAFGER.W	38
PLOG-5567	proteomics_log	2646950	2647045	-	6	2	R.ALPGYGDGEIQATISGLALPGETVADQHKQWK.I	36
PLOG-5568	proteomics_log	2647223	2647267	-	6	3	K.VIVAAPVIAELNMPR.F	19
PLOG-5569	proteomics_log	2648807	2648872	-	6	3	V.EDFMPERMALNLTGEKTLPTPK.D	26
PLOG-5570	proteomics_log	2649707	2649790	-	6	4	R.GSLLPGKVVEGLPVMALNVNNVDVNFRR.V	32
PLOG-5571	proteomics_log	2652224	2652274	-	6	3	K.GISHFITEHIAPFYERR.W	21
PLOG-5572	proteomics_log	2652875	2652952	-	6	10	M.SETKNELEDLLEKAATEPAHRPAFFR.T	30
PLOG-5573	proteomics_log	2652914	2652952	-	6	4	M.SETKNELEDLLEK.A	17
PLOG-5574	proteomics_log	2653124	2653174	-	6	19	R.KAPVEQWSAGATGLGVR.T	21
PLOG-5575	proteomics_log	2653325	2653348	-	6	10	R.LPLAEFHR.S	12
PLOG-5576	proteomics_log	2653325	2653390	-	6	84	R.LLASAAQENEPFWRLPLAEFHR.S	26
PLOG-5577	proteomics_log	2653349	2653390	-	6	12	R.LLASAAQENEPFWR.L	18
PLOG-5578	proteomics_log	2653391	2653450	-	6	67	K.TALGNDYHALFSFDDALAGR.L	24
PLOG-5579	proteomics_log	2653451	2653537	-	6	2	R.LVLADGLIDASAQKPEM*IIDAATLTGAAK.T	34
PLOG-5580	proteomics_log	2653451	2653537	-	6	75	R.LVLADGLIDASAQKPEMIIDAATLTGAAK.T	33
PLOG-5581	proteomics_log	2653538	2653570	-	6	2	K.VEVM*NTDAEGR.L	16
PLOG-5582	proteomics_log	2653538	2653573	-	6	2	K.KVEVM*NTDAEGR.L	17
PLOG-5583	proteomics_log	2653538	2653573	-	6	4	K.KVEVMNTDAEGR.L	16
PLOG-5584	proteomics_log	2653793	2653873	-	6	18	R.SPVLALDYNPTGDKEAPVYACLVGKG.I	31
PLOG-5585	proteomics_log	2653793	2653885	-	6	3	R.GSERSPVLALDYNPTGDKEAPVYACLVGKG.I	35
PLOG-5586	proteomics_log	2653886	2653945	-	6	4	R.ITKGEDLREQGYMGLHTVGR.G	24
PLOG-5587	proteomics_log	2653946	2653993	-	6	12	R.AVDLISNVAGDRVTYR.I	20
PLOG-5588	proteomics_log	2653958	2653993	-	6	6	R.AVDLISNVAGDR.V	16
PLOG-5589	proteomics_log	2653994	2654047	-	6	13	R.DTINAPAEELGPSQLAQR.A	22
PLOG-5590	proteomics_log	2653994	2654071	-	6	60	R.LMIIDWVRDTINAPAEELGPSQLAQR.A	30
PLOG-5591	proteomics_log	2654048	2654071	-	6	15	R.LMIIDWVR.D	12
PLOG-5592	proteomics_log	2654210	2654233	-	6	2	R.KIDGLGIK.H	12
PLOG-5593	proteomics_log	2654243	2654317	-	6	12	K.ATYSINNDGITLHLNGADDLGLIQR.A	29
PLOG-5594	proteomics_log	2654330	2654362	-	6	37	K.ITLSTQPADAR.W	15
PLOG-5595	proteomics_log	2654330	2654377	-	6	2	M.TEAM*KITLSTQPADAR.W	21
PLOG-5596	proteomics_log	2654330	2654377	-	6	5	M.TEAMKITLSTQPADAR.W	20
PLOG-5597	proteomics_log	2654773	2654799	-	5	3	R.YTINHAREH.-	13
PLOG-5598	proteomics_log	2654773	2654835	-	5	4	R.VTDEDLVVEIPRYTINHAREH.-	25
PLOG-5599	proteomics_log	2654800	2654835	-	5	101	R.VTDEDLVVEIPR.Y	16
PLOG-5600	proteomics_log	2654881	2654937	-	5	3	R.EGFDSLPESESEQEDDM*LDK.A	24
PLOG-5601	proteomics_log	2655110	2655139	-	6	8	R.ALKGHSVDEV.-	14
PLOG-5602	proteomics_log	2655110	2655142	-	6	3	R.RALKGHSVDEV.-	15
PLOG-5603	proteomics_log	2655164	2655280	-	6	4	R.QVIDDAAAHLSEVAQGDDVDIAIEQAIKNVDKQTQDFAAR.R	43
PLOG-5604	proteomics_log	2655281	2655343	-	6	37	R.VLES LHGALAADAALLSAAER.Q	25
PLOG-5605	proteomics_log	2655344	2655376	-	6	45	R.MLAEQKVEAAR.V	15
PLOG-5606	proteomics_log	2655548	2655586	-	6	4	R.GIPALPAGGAHIR.V	17
PLOG-5607	proteomics_log	2655632	2655700	-	6	2	R.AQDFTTFKDGQTAMSIHVMQGER.E	27



PLOG-5608	proteomics_log	2656415	2656438	-	6	6	R.LAGLHVLR.L	12
PLOG-5609	proteomics_log	2656463	2656537	-	6	2	R.ATEALAGELDGVVITVPAYFDDAQR.Q	29
PLOG-5610	proteomics_log	2656574	2656660	-	6	3	R.YPHLPYQFQASENGLPMIETAAGLLNPVR.V	33
PLOG-5611	proteomics_log	2656697	2656744	-	6	5	R.TNAALDTANTISSVKR.L	20
PLOG-5612	proteomics_log	2656700	2656744	-	6	29	R.TNAALDTANTISSVK.R	19
PLOG-5613	proteomics_log	2656808	2656846	-	6	9	R.SGQAETLADHEGR.H	17
PLOG-5614	proteomics_log	2656904	2656954	-	6	25	M.ALLQISEPGLSAAPHQR.R	21
PLOG-5615	proteomics_log	2657454	2657489	-	4	4	V.MDYFTLFGLPAR.Y	16
PLOG-5616	proteomics_log	2657642	2657707	-	6	2	K.SLQFLDGTQLDFVKEGLNEGFK.F	26
PLOG-5617	proteomics_log	2657849	2657872	-	6	2	R.VNTFLANR.G	12
PLOG-5618	proteomics_log	2657873	2657905	-	6	36	M.SITLSDSAAAR.V	15
PLOG-5619	proteomics_log	2657937	2657966	-	4	12	K.AAIADYKSKR.E	14
PLOG-5620	proteomics_log	2657940	2657966	-	4	4	K.AAIADYKSK.R	13
PLOG-5621	proteomics_log	2657946	2657966	-	4	3	K.AAIADYK.S	11
PLOG-5622	proteomics_log	2658141	2658173	-	4	72	K.VNDEGIIEDAR.F	15
PLOG-5623	proteomics_log	2658141	2658185	-	4	34	K.LQIKVNDEGIIEDAR.F	19
PLOG-5624	proteomics_log	2658267	2658293	-	4	114	K.VIDHYENPR.N	13
PLOG-5625	proteomics_log	2658267	2658308	-	4	12	M.AYSEKVIDHYENPR.N	18
PLOG-5626	proteomics_log	2658342	2658380	-	4	25	K.QGVDLNSIEWAHH.-	17
PLOG-5627	proteomics_log	2658342	2658410	-	4	67	R.DLSPLWEMYKQGVDLNSIEWAHH.-	27
PLOG-5628	proteomics_log	2658342	2658416	-	4	141	R.LRDLSPLWEMYKQGVDLNSIEWAHH.-	29
PLOG-5629	proteomics_log	2658381	2658410	-	4	2	R.DLSPLWEMYK.Q	14
PLOG-5630	proteomics_log	2658381	2658416	-	4	43	R.LRDLSPLWEMYK.Q	16
PLOG-5631	proteomics_log	2658429	2658476	-	4	6	R.FTTEEEIDYTIELVRK.S	20
PLOG-5632	proteomics_log	2658429	2658491	-	4	9	R.FSLGRFTTEEEIDYTIELVRK.S	25
PLOG-5633	proteomics_log	2658432	2658476	-	4	7	R.FTTEEEIDYTIELVR.K	19
PLOG-5634	proteomics_log	2658492	2658533	-	4	39	R.ALGLNDELAHSSIR.F	18
PLOG-5635	proteomics_log	2658747	2658782	-	4	3	R.IAKEEM*ATEMER.L	17
PLOG-5636	proteomics_log	2658747	2658782	-	4	6	R.IAKEEMATEM*ER.L	17
PLOG-5637	proteomics_log	2658747	2658782	-	4	3	R.IAKEEM*ATEM*ER.L	18
PLOG-5638	proteomics_log	2658747	2658782	-	4	163	R.IAKEEMATEMER.L	16
PLOG-5639	proteomics_log	2658783	2658833	-	4	4	R.SGTLPVHQIVGM*GEAYR.I	22
PLOG-5640	proteomics_log	2658783	2658833	-	4	234	R.SGTLPVHQIVGMGEAYR.I	21
PLOG-5641	proteomics_log	2658843	2658878	-	4	19	R.IEAQM*HGGGHER.G	17
PLOG-5642	proteomics_log	2658843	2658878	-	4	74	R.IEAQMHGGGHER.G	16
PLOG-5643	proteomics_log	2658843	2658884	-	4	5	R.VRIEAQMHGGGHER.G	18
PLOG-5644	proteomics_log	2658897	2658920	-	4	99	K.GIGALYVR.R	12
PLOG-5645	proteomics_log	2658921	2658965	-	4	19	K.VDLMSFSGHKIYGPK.G	19
PLOG-5646	proteomics_log	2658936	2658965	-	4	11	K.VDLMSFSGHK.I	14
PLOG-5647	proteomics_log	2658966	2659034	-	4	200	R.GIIYHVDATQSVGKLPIDLSQLK.V	27
PLOG-5648	proteomics_log	2658966	2659040	-	4	108	R.ARGIIYHVDATQSVGKLPIDLSQLK.V	29
PLOG-5649	proteomics_log	2659170	2659205	-	4	40	R.EGFVETYLAPQR.N	16
PLOG-5650	proteomics_log	2659170	2659217	-	4	5	R.QLEREGFEVETYLAPQR.N	20
PLOG-5651	proteomics_log	2659239	2659268	-	4	8	K.HIITSKTEHK.A	14
PLOG-5652	proteomics_log	2659251	2659277	-	4	9	K.KGKHIITSK.T	13
PLOG-5653	proteomics_log	2659278	2659301	-	4	4	K.GAANFYQK.K	12

PLOG-5654	proteomics_log	2659278	2659352	-	4	5	R.EIVFTSGATESDNLAIKGAANFYQK.K	29
PLOG-5655	proteomics_log	2659353	2659388	-	4	154	R.NQIADLVGADPR.E	16
PLOG-5656	proteomics_log	2659389	2659427	-	4	40	R.FGWQAEEAVDIAR.N	17
PLOG-5657	proteomics_log	2659389	2659436	-	4	97	R.SHRFGWQAEEAVDIAR.N	20
PLOG-5658	proteomics_log	2659437	2659487	-	4	144	K.MMQFMTMDGTFGNPASR.S	21
PLOG-5659	proteomics_log	2659488	2659553	-	4	4	A.MKLPYLDYSATTPVDPRVAEK.M	26
PLOG-5660	proteomics_log	2659500	2659553	-	4	3	A.M*KLPYLDYSATTPVDPR.V	23
PLOG-5661	proteomics_log	2659500	2659553	-	4	359	A.MKLPYLDYSATTPVDPR.V	22
PLOG-5662	proteomics_log	2659668	2659700	-	4	7	R.TQDAIDVKLRA.-	15
PLOG-5663	proteomics_log	2659677	2659700	-	4	2	R.TQDAIDVK.L	12
PLOG-5664	proteomics_log	2659707	2659763	-	4	4	V.NNQEVLDVSGRQHTHDAPR.T	23
PLOG-5665	proteomics_log	2659731	2659763	-	4	19	V.NNQEVLDVSGR.Q	15
PLOG-5666	proteomics_log	2659731	2659820	-	4	13	R.DLSDRLTGFLNNITLGELVNNQEVLVDVSGR.Q	34
PLOG-5667	proteomics_log	2659737	2659820	-	4	2	R.DLSDRLTGFLNNITLGELVNNQEVLVDVS.G	32
PLOG-5668	proteomics_log	2659764	2659820	-	4	14	R.DLSDRLTGFLNNITLGELV.N	23
PLOG-5669	proteomics_log	2659881	2659907	-	4	4	A.VDESVDATR.C	13
PLOG-5670	proteomics_log	2659881	2659910	-	4	2	S.AVDESVDATR.C	14
PLOG-5671	proteomics_log	2659881	2659913	-	4	3	I.SAVDESVDATR.C	15
PLOG-5672	proteomics_log	2659881	2659916	-	4	2	V.ISAVDESVDATR.C	16
PLOG-5673	proteomics_log	2659881	2659934	-	4	4	S.IAVGEVISAVDESVDATR.C	22
PLOG-5674	proteomics_log	2659881	2659946	-	4	52	K.DASSIAVGEVISAVDESVDATR.C	26
PLOG-5675	proteomics_log	2659881	2659958	-	4	2	Y.LLGKDASSIAVGEVISAVDESVDATR.C	30
PLOG-5676	proteomics_log	2659881	2659976	-	4	23	R.GPGGGYLLGKDASSIAVGEVISAVDESVDATR.C	36
PLOG-5677	proteomics_log	2659947	2659976	-	4	2	R.GPGGGYLLGK.D	14
PLOG-5678	proteomics_log	2660010	2660051	-	4	183	R.QGISLSYLEQLFSR.L	18
PLOG-5679	proteomics_log	2660608	2660655	-	5	2	R.GILASIEQQNKGNKAE.-	20
PLOG-5680	proteomics_log	2660656	2660691	-	5	22	R.ARPESQELNILR.G	16
PLOG-5681	proteomics_log	2661001	2661048	-	5	7	K.SVAEAANTPVALLVFGFR.E	20
PLOG-5682	proteomics_log	2661277	2661327	-	5	17	R.IVLVETSHTGNMGSVAR.A	21
PLOG-5683	proteomics_log	2675760	2675864	-	4	10	L.DEPTSSLASAEVELVISAVKKM*SALGVAVIYVSHR.M	40
PLOG-5684	proteomics_log	2680240	2680293	-	5	2	V.MTGFTLRPDRAALEIASR.V	22
PLOG-5685	proteomics_log	2682279	2682314	-	4	11	K.VLDICARYPVYA.-	16
PLOG-5686	proteomics_log	2682279	2682320	-	4	2	K.GKVLDICARYPVYA.-	18
PLOG-5687	proteomics_log	2682279	2682326	-	4	7	R.IKGKVLDICARYPVYA.-	20
PLOG-5688	proteomics_log	2682294	2682320	-	4	3	K.GKVLDICAR.Y	13
PLOG-5689	proteomics_log	2682294	2682326	-	4	5	R.IKGKVLDICAR.Y	15
PLOG-5690	proteomics_log	2682315	2682416	-	4	2	R.RGFKEAEAKELAGWMCDVLD SINDEAVIERIKGK.V	38
PLOG-5691	proteomics_log	2682327	2682368	-	4	2	C.DVLD SINDEAVIER.I	18
PLOG-5692	proteomics_log	2682327	2682380	-	4	7	A.GWMCDVLD SINDEAVIER.I	22
PLOG-5693	proteomics_log	2682327	2682389	-	4	11	K.ELAGWMCDVLD SINDEAVIER.I	25
PLOG-5694	proteomics_log	2682327	2682404	-	4	2	K.EAEAKELAGWMCDVLD SINDEAVIER.I	30
PLOG-5695	proteomics_log	2682327	2682413	-	4	4	R.GFKEAEAKELAGWMCDVLD SINDEAVIER.I	33
PLOG-5696	proteomics_log	2682327	2682416	-	4	15	R.RGFKEAEAKELAGWMCDVLD SINDEAVIER.I	34
PLOG-5697	proteomics_log	2682327	2682422	-	4	7	I.TRRGFKEAEAKELAGWMCDVLD SINDEAVIER.I	36
PLOG-5698	proteomics_log	2682390	2682416	-	4	7	R.RGFKEAEAK.E	13
PLOG-5699	proteomics_log	2682417	2682440	-	4	3	R.VGTPA ITR.R	12

PLOG-5700	proteomics_log	2682417	2682467	-	4	12	K.SPFVTSGIRVGTPAIR.R	21
PLOG-5701	proteomics_log	2682417	2682512	-	4	12	R.ANITVNKNSVPNDPKSPFVTSGIRVGTPAIR.R	36
PLOG-5702	proteomics_log	2682441	2682467	-	4	154	K.SPFVTSGIR.V	13
PLOG-5703	proteomics_log	2682441	2682491	-	4	49	K.NSVPNDPKSPFVTSGIR.V	21
PLOG-5704	proteomics_log	2682441	2682512	-	4	296	R.ANITVNKNSVPNDPKSPFVTSGIR.V	28
PLOG-5705	proteomics_log	2682468	2682512	-	4	70	R.ANITVNKNSVPNDPK.S	19
PLOG-5706	proteomics_log	2682513	2682536	-	4	13	K.EADAALGR.A	12
PLOG-5707	proteomics_log	2682513	2682551	-	4	36	K.NLTGKEADAALGR.A	17
PLOG-5708	proteomics_log	2682513	2682605	-	4	207	K.VVSGGTDNHLFLVDLVDKDLTGTGKEADAALGR.A	35
PLOG-5709	proteomics_log	2682513	2682614	-	4	385	R.GYKVVSGGTDNHLFLVDLVDKDLTGTGKEADAALGR.A	38
PLOG-5710	proteomics_log	2682537	2682605	-	4	39	K.VVSGGTDNHLFLVDLVDKDLTGTGK.E	27
PLOG-5711	proteomics_log	2682537	2682614	-	4	101	R.GYKVVSGGTDNHLFLVDLVDKDLTGTGK.E	30
PLOG-5712	proteomics_log	2682552	2682605	-	4	16	K.VVSGGTDNHLFLVDLVDK.N	22
PLOG-5713	proteomics_log	2682552	2682614	-	4	43	R.GYKVVSGGTDNHLFLVDLVDK.N	25
PLOG-5714	proteomics_log	2682615	2682641	-	4	92	K.AM*VEVFLER.G	14
PLOG-5715	proteomics_log	2682615	2682641	-	4	380	K.AMVEVFLER.G	13
PLOG-5716	proteomics_log	2682615	2682650	-	4	3	K.NAKAMVEVFLER.G	16
PLOG-5717	proteomics_log	2682615	2682674	-	4	4	K.TYQQQVAKNAKAMVEVFLER.G	24
PLOG-5718	proteomics_log	2682615	2682713	-	4	2	K.AVALKEAM*EPEFKTYQQQVAKNAKAMVEVFLER.G	38
PLOG-5719	proteomics_log	2682642	2682674	-	4	133	K.TYQQQVAKNAK.A	15
PLOG-5720	proteomics_log	2682642	2682713	-	4	9	K.AVALKEAM*EPEFKTYQQQVAKNAK.A	29
PLOG-5721	proteomics_log	2682642	2682713	-	4	181	K.AVALKEAMEPEFKTYQQQVAKNAK.A	28
PLOG-5722	proteomics_log	2682651	2682674	-	4	74	K.TYQQQVAK.N	12
PLOG-5723	proteomics_log	2682651	2682713	-	4	48	K.AVALKEAM*EPEFKTYQQQVAK.N	26
PLOG-5724	proteomics_log	2682651	2682713	-	4	373	K.AVALKEAMEPEFKTYQQQVAK.N	25
PLOG-5725	proteomics_log	2682651	2682749	-	4	57	G.QGGPLM*HVIAGKAVALKEAMEPEFKTYQQQVAK.N	38
PLOG-5726	proteomics_log	2682675	2682713	-	4	54	K.AVALKEAM*EPEFK.T	18
PLOG-5727	proteomics_log	2682675	2682713	-	4	258	K.AVALKEAMEPEFK.T	17
PLOG-5728	proteomics_log	2682714	2682776	-	4	2	K.LNSAVFPGGQGGPLM*HVIAGK.A	26
PLOG-5729	proteomics_log	2682714	2682776	-	4	42	K.LNSAVFPGGQGGPLMHVIAGK.A	25
PLOG-5730	proteomics_log	2682714	2682779	-	4	13	K.KLNSAVFPGGQGGPLM*HVIAGK.A	27
PLOG-5731	proteomics_log	2682714	2682779	-	4	159	K.KLNSAVFPGGQGGPLMHVIAGK.A	26
PLOG-5732	proteomics_log	2682714	2682803	-	4	8	K.GGSEELYKKLNSAVFPGGQGGPLM*HVIAGK.A	35
PLOG-5733	proteomics_log	2682714	2682803	-	4	195	K.GGSEELYKKLNSAVFPGGQGGPLMHVIAGK.A	34
PLOG-5734	proteomics_log	2682714	2682824	-	4	2	R.GGLILAKGGSEELYKKLNSAVFPGGQGGPLMHVIAGK.A	41
PLOG-5735	proteomics_log	2682714	2682824	-	4	2	R.GGLILAKGGSEELYKKLNSAVFPGGQGGPLM*HVIAGK.A	42
PLOG-5736	proteomics_log	2682732	2682779	-	4	2	K.KLNSAVFPGGQGGPLM.H	20
PLOG-5737	proteomics_log	2682777	2682803	-	4	42	K.GGSEELYKK.L	13
PLOG-5738	proteomics_log	2682777	2682824	-	4	2	R.GGLILAKGGSEELYKK.L	20
PLOG-5739	proteomics_log	2682780	2682803	-	4	10	K.GGSEELYK.K	12
PLOG-5740	proteomics_log	2682780	2682824	-	4	43	R.GGLILAKGGSEELYK.K	19
PLOG-5741	proteomics_log	2682804	2682842	-	4	22	K.TLAGPRGGLILAK.G	17
PLOG-5742	proteomics_log	2682843	2682968	-	4	61	R.EIADSIGAYLFVDMAHVAGLVAAGVYPNPVPHAHVVTTTTTHK.T	46
PLOG-5743	proteomics_log	2682843	2682974	-	4	17	K.MREIADSIGAYLFVDMAHVAGLVAAGVYPNPVPHAHVVTTTTTHK.T	48
PLOG-5744	proteomics_log	2682975	2683025	-	4	13	K.M*IIGGFSAYSGVVDWAK.M	22
PLOG-5745	proteomics_log	2682975	2683025	-	4	292	K.MIIGGFSAYSGVVDWAK.M	21

PLOG-5746	proteomics_log	2683041	2683115	-	4	3	K.LYNIVPYGIDATGHIDYADLEKQAK.E	29
PLOG-5747	proteomics_log	2683050	2683115	-	4	36	K.LYNIVPYGIDATGHIDYADLEK.Q	26
PLOG-5748	proteomics_log	2683280	2683336	-	6	2	T.TAVASMLISLNNWRSIVRK.N	23
PLOG-5749	proteomics_log	2683287	2683340	-	4	4	R.YYGGCEYVDIVEQLAIDR.A	22
PLOG-5750	proteomics_log	2683341	2683367	-	4	93	K.YAEGYPGKR.Y	13
PLOG-5751	proteomics_log	2683341	2683403	-	4	78	R.VM*QAQGSQLTNKYAEGYPGKR.Y	26
PLOG-5752	proteomics_log	2683341	2683403	-	4	415	R.VMQAQGSQLTNKYAEGYPGKR.Y	25
PLOG-5753	proteomics_log	2683344	2683403	-	4	2	R.VM*QAQGSQLTNKYAEGYPGK.R	25
PLOG-5754	proteomics_log	2683344	2683403	-	4	61	R.VMQAQGSQLTNKYAEGYPGK.R	24
PLOG-5755	proteomics_log	2683368	2683403	-	4	135	R.VM*QAQGSQLTNK.Y	17
PLOG-5756	proteomics_log	2683368	2683403	-	4	294	R.VMQAQGSQLTNK.Y	16
PLOG-5757	proteomics_log	2683371	2683403	-	4	2	R.VM*QAQGSQLTN.K	16
PLOG-5758	proteomics_log	2683404	2683454	-	4	6	R.QEEHIELIASENYTSR.V	21
PLOG-5759	proteomics_log	2683404	2683460	-	4	104	K.VRQEEHIELIASENYTSR.V	23
PLOG-5760	proteomics_log	2683404	2683517	-	4	103	R.EMNIADYDAELWQAMEQEKVRQEEHIELIASENYTSR.V	42
PLOG-5761	proteomics_log	2683455	2683517	-	4	13	R.EMNIADYDAELWQAMEQEKVR.Q	25
PLOG-5762	proteomics_log	2683455	2683529	-	4	3	R.MLKREMNIADYDAELWQAMEQEKVR.Q	29
PLOG-5763	proteomics_log	2683461	2683517	-	4	2	R.EM*NIADYDAELWQAM*EQEK.V	25
PLOG-5764	proteomics_log	2683461	2683517	-	4	133	R.EMNIADYDAELWQAMEQEK.V	23
PLOG-5765	proteomics_log	2685095	2685127	-	6	12	R.IRTGEEDDAI.-	15
PLOG-5766	proteomics_log	2685137	2685160	-	6	25	K.IFVFDVAR.V	12
PLOG-5767	proteomics_log	2685137	2685175	-	6	144	K.IGDGKIFVFDVAR.V	17
PLOG-5768	proteomics_log	2685137	2685193	-	6	77	R.TAQTGKIGDGKIFVFDVAR.V	23
PLOG-5769	proteomics_log	2685161	2685193	-	6	20	R.TAQTGKIGDGK.I	15
PLOG-5770	proteomics_log	2685194	2685250	-	6	2	K.IEIVPDDIVDTCVDTIIR.T	23
PLOG-5771	proteomics_log	2685251	2685289	-	6	4	R.GAEYMVDFLPVK.I	17
PLOG-5772	proteomics_log	2685257	2685289	-	6	3	R.GAEYM*VDFLPK.V	16
PLOG-5773	proteomics_log	2685257	2685289	-	6	84	R.GAEYMVDFLPK.V	15
PLOG-5774	proteomics_log	2685317	2685421	-	6	4	K.IDAIIKPFKLLDDVREALAEVGITGMTVTEVKGFR.Q	39
PLOG-5775	proteomics_log	2685329	2685421	-	6	3	K.IDAIIKPFKLLDDVREALAEVGITGMTVTEVK.G	35
PLOG-5776	proteomics_log	2685329	2685430	-	6	3	S.MKKIDAIIKPFKLLDDVREALAEVGITGMTVTEVK.G	38
PLOG-5777	proteomics_log	2688974	2689084	-	6	3	R.QLVMLAFLILLPLLVLAWQAWQSLNALSDQAALVNR.T	41
PLOG-5778	proteomics_log	2689921	2689953	-	5	24	R.DAAHLAALESK.G	15
PLOG-5779	proteomics_log	2689966	2690061	-	5	11	R.FSLVEVTQSPSLLLQGMVGSQMPIAVSHGEGR.V	36
PLOG-5780	proteomics_log	2690329	2690379	-	5	15	R.AGFDVIDVHMSDLLTGR.T	21
PLOG-5781	proteomics_log	2690380	2690442	-	5	5	K.VAVLREQGVNSHVEMAAAFHR.A	25
PLOG-5782	proteomics_log	2690443	2690505	-	5	4	K.LSFDINEDVAAPYIATGARPK.V	25
PLOG-5783	proteomics_log	2690506	2690538	-	5	13	K.SNDADPGLNVK.L	15
PLOG-5784	proteomics_log	2690608	2690676	-	5	4	R.FVITANGQTVFSESRTTLRVVWA.E	27
PLOG-5785	proteomics_log	2690935	2691021	-	5	3	R.QLGDKPADVRDVAQLKGFYDAIQALVAQR.K	33
PLOG-5786	proteomics_log	2691145	2691189	-	5	5	R.EM*TSPLSLVISAFAR.V	20
PLOG-5787	proteomics_log	2691145	2691189	-	5	64	R.EMTSPLSLVISAFAR.V	19
PLOG-5788	proteomics_log	2691145	2691213	-	5	32	R.WQEGNEEREMTSPLSLVISAFAR.V	27
PLOG-5789	proteomics_log	2691145	2691219	-	5	2	K.TRWQEGNEEREMTSPLSLVISAFAR.V	29
PLOG-5790	proteomics_log	2691361	2691426	-	5	3	R.LAVGEALTNIATQIGDIKRIK.L	26
PLOG-5791	proteomics_log	2691367	2691426	-	5	142	R.LAVGEALTNIATQIGDIKR.I	24

PLOG-5792	proteomics_log	2691370	2691426	-	5	6	R.LAVGEALTNIAATQIGDIK.R	23
PLOG-5793	proteomics_log	2691379	2691426	-	5	4	R.LAVGEALTNIAATQIG.D	20
PLOG-5794	proteomics_log	2691427	2691465	-	5	27	R.APVALLDFAASAR.L	17
PLOG-5795	proteomics_log	2691592	2691618	-	5	30	K.TFLVTIGDR.S	13
PLOG-5796	proteomics_log	2691592	2691648	-	5	119	R.VLHLPTVAEKTFLVTIGDR.S	23
PLOG-5797	proteomics_log	2691649	2691681	-	5	5	R.EGITIADAVKR.V	15
PLOG-5798	proteomics_log	2691649	2691705	-	5	4	K.AKGDALAREGITIADAVKR.V	23
PLOG-5799	proteomics_log	2691649	2691723	-	5	3	R.DVQTLKAKGDALAREGITIADAVKR.V	29
PLOG-5800	proteomics_log	2691733	2691792	-	5	18	R.HFDNQPIDLPLDVLLGKTPK.M	24
PLOG-5801	proteomics_log	2691742	2691792	-	5	23	R.HFDNQPIDLPLDVLLGK.T	21
PLOG-5802	proteomics_log	2692261	2692302	-	5	24	R.ADHVQKGEINVGAK.L	18
PLOG-5803	proteomics_log	2692351	2692380	-	5	6	K.VNSHNGEELR.G	14
PLOG-5804	proteomics_log	2692396	2692491	-	5	16	R.IVTALDIMTEGPLGGAAFNNEFGRPALNGYFR.T	36
PLOG-5805	proteomics_log	2692492	2692542	-	5	10	R.IPGFEQPWEEDFGKPER.I	21
PLOG-5806	proteomics_log	2692492	2692578	-	5	104	K.AGLVGFSVSNLRIPGFEQPWEEDFGKPER.I	33
PLOG-5807	proteomics_log	2692543	2692578	-	5	39	K.AGLVGFSVSNLR.I	16
PLOG-5808	proteomics_log	2692690	2692755	-	5	5	R.YFADHETGRYDFHQEPAHILM*K.V	27
PLOG-5809	proteomics_log	2692690	2692755	-	5	16	R.YFADHETGRYDFHQEPAHILMK.V	26
PLOG-5810	proteomics_log	2692756	2692839	-	5	2	K.NTFETTPDHVLSAYKDNAAVMEGSEVGR.Y	32
PLOG-5811	proteomics_log	2692849	2692911	-	5	3	R.HKIFNADWVIDGEQQPKSLFK.M	25
PLOG-5812	proteomics_log	2692861	2692905	-	5	2	K.IFNADWVIDGEQQPK.S	19
PLOG-5813	proteomics_log	2692861	2692911	-	5	5	R.HKIFNADWVIDGEQQPK.S	21
PLOG-5814	proteomics_log	2692969	2693034	-	5	4	R.LGLALAEDEIDYLQDAFTKLGR.N	26
PLOG-5815	proteomics_log	2692978	2693034	-	5	199	R.LGLALAEDEIDYLQDAFTK.L	23
PLOG-5816	proteomics_log	2692978	2693061	-	5	5	R.QALIDANLRLGLALAEDEIDYLQDAFTK.L	32
PLOG-5817	proteomics_log	2693035	2693061	-	5	2	R.QALIDANLR.L	13
PLOG-5818	proteomics_log	2693062	2693163	-	5	2	R.M*M*ETVFFALDDAEQLFAHHQPTPVTSVDLLGQGR.Q	40
PLOG-5819	proteomics_log	2693062	2693163	-	5	96	R.MMETVFFALDDAEQLFAHHQPTPVTSVDLLGQGR.Q	38
PLOG-5820	proteomics_log	2693164	2693241	-	5	17	R.GVAYYIEAGTLTNEQWQQVTAELHDR.M	30
PLOG-5821	proteomics_log	2693347	2693385	-	5	17	K.YGPALASHAPQGK.L	17
PLOG-5822	proteomics_log	2693395	2693484	-	5	6	R.LPVHNIYAEYVHFADLNAPLNDDEHAQLER.L	34
PLOG-5823	proteomics_log	2693500	2693562	-	5	5	M.MEILRGSPALSAFRINKLLAR.F	25
PLOG-5824	proteomics_log	2693500	2693565	-	5	2	L.M*M*EILRGSPALSAFRINKLLAR.F	28
PLOG-5825	proteomics_log	2693512	2693547	-	5	2	R.GSPALSAFRINK.L	16
PLOG-5826	proteomics_log	2698976	2699017	-	6	13	M.AILGLGTDIVEIAR.I	18
PLOG-5827	proteomics_log	2699023	2699088	-	5	3	R.AVMTGLKDAVAEMKRLMLEARG.-	26
PLOG-5828	proteomics_log	2699044	2699088	-	5	2	R.AVMTGLKDAVAEM*KR.L	20
PLOG-5829	proteomics_log	2699044	2699088	-	5	185	R.AVMTGLKDAVAEMKR.L	19
PLOG-5830	proteomics_log	2699047	2699088	-	5	80	R.AVMTGLKDAVAEMK.R	18
PLOG-5831	proteomics_log	2699089	2699148	-	5	2	K.AIAAIPEM*HELNIGHAIIGR.A	25
PLOG-5832	proteomics_log	2699089	2699148	-	5	33	K.AIAAIPEMHELNIGHAIIGR.A	24
PLOG-5833	proteomics_log	2699149	2699187	-	5	143	K.VNAGHGLTYHNVK.A	17
PLOG-5834	proteomics_log	2699149	2699220	-	5	3	K.AATFAASLGLKVNAGHGLTYHNVK.A	28
PLOG-5835	proteomics_log	2699188	2699220	-	5	10	K.AATFAASLGLK.V	15
PLOG-5836	proteomics_log	2699230	2699262	-	5	17	K.TDAEQAQELAR.I	15
PLOG-5837	proteomics_log	2699413	2699457	-	5	2	R.QEVTTEGGLDVAGQR.D	19

PLOG-5838	proteomics_log	2699701	2699748	-	5	254	M.AELLGVNIDHIATLR.N	20
PLOG-5839	proteomics_log	2700506	2700529	-	6	8	R.SLGYVDDL.-	12
PLOG-5840	proteomics_log	2700569	2700622	-	6	11	R.KDMQEMFEAPVHLELWVK.V	22
PLOG-5841	proteomics_log	2700749	2700796	-	6	12	R.FLGAELPYSVTVEIER.F	20
PLOG-5842	proteomics_log	2701313	2701345	-	6	2	K.STLLNKLLGQK.I	15
PLOG-5843	proteomics_log	2701346	2701378	-	6	7	F.IAIVGRPNVGK.S	15
PLOG-5844	proteomics_log	2701684	2701761	-	5	71	R.ESILADTVEALIGGVFLDSDIQTVEK.L	30
PLOG-5845	proteomics_log	2701684	2701764	-	5	2	R.RESILADTVEALIGGVFLDSDIQTVEK.L	31
PLOG-5846	proteomics_log	2701684	2701779	-	5	7	K.SGGFRRESILADTVEALIGGVFLDSDIQTVEK.L	36
PLOG-5847	proteomics_log	2701900	2701968	-	5	10	R.LEFLGDSILSYVIANALYHRFPR.V	27
PLOG-5848	proteomics_log	2701996	2702049	-	5	9	K.LGYTFNHQELLQQALTHR.S	22
PLOG-5849	proteomics_log	2701996	2702052	-	5	84	R.KLGYTFNHQELLQQALTHR.S	23
PLOG-5850	proteomics_log	2702384	2702443	-	6	13	R.ATAIWMSFDKQEGEWPTGLR.L	24
PLOG-5851	proteomics_log	2702444	2702482	-	6	2	R.YWGFVPEANLVGR.A	17
PLOG-5852	proteomics_log	2702621	2702650	-	6	6	R.KETLGDVTHR.I	14
PLOG-5853	proteomics_log	2702621	2702662	-	6	11	R.LSERKETLGDVTHR.I	18
PLOG-5854	proteomics_log	2702891	2702950	-	6	4	K.RGDIVVFKYPEDPKLDYIKR.A	24
PLOG-5855	proteomics_log	2703350	2703418	-	6	2	K.QIGNVELPQEAFILHVGKDNK.-	27
PLOG-5856	proteomics_log	2703350	2703424	-	6	5	R.M*KQIGNVELPQEAFILHVGKDNK.-	30
PLOG-5857	proteomics_log	2703350	2703424	-	6	115	R.MKQIGNVELPQEAFILHVGKDNK.-	29
PLOG-5858	proteomics_log	2703425	2703457	-	6	4	K.LLQKQKEGKKR.M	15
PLOG-5859	proteomics_log	2703644	2703700	-	6	2	R.VDVLINGERVDALALITHR.D	23
PLOG-5860	proteomics_log	2703770	2703868	-	6	36	R.GVQTNMVYHGNQVALTYEIPMAEVVLDFFDRLK.S	37
PLOG-5861	proteomics_log	2703780	2703830	-	4	12	G.GADVRDPDGGSGARLLR.S	21
PLOG-5862	proteomics_log	2704514	2704612	-	6	10	R.DIPPPEGDPEGPLQALIIDSWFDNYLGVVSLIR.I	37
PLOG-5863	proteomics_log	2704514	2704621	-	6	3	R.LVRDIPPPEGDPEGPLQALIIDSWFDNYLGVVSLIR.I	40
PLOG-5864	proteomics_log	2704622	2704654	-	6	95	K.TGVGVQDVLER.L	15
PLOG-5865	proteomics_log	2704667	2704720	-	6	8	R.VAEIEIDIVGIDATDAVR.C	22
PLOG-5866	proteomics_log	2704667	2704750	-	6	4	K.IDLPAADPERVAEIEIDIVGIDATDAVR.C	32
PLOG-5867	proteomics_log	2705823	2705855	-	4	10	R.IAENIKFGAAQ.-	15
PLOG-5868	proteomics_log	2705823	2705855	-	4	10	R.IAENIKFGAAQ.-	15
PLOG-5869	proteomics_log	2706414	2706518	-	4	4	R.GNEISYFEPGLEPFTLNVDYIVDSLPSLIYTDfKR.L	39
PLOG-5870	proteomics_log	2706600	2706707	-	4	3	A.TPASGALLQQMNLASQSLNYELSFISINKQGVESLR.Y	40
PLOG-5871	proteomics_log	2711683	2711784	-	5	2	R.FVTLALYHLTFEIAVV DARFAQPVCQLMHTLT.LT.H	38
PLOG-5872	proteomics_log	2714109	2714153	-	4	48	R.FNSLTPEQQRDV IAR.T	19
PLOG-5873	proteomics_log	2714109	2714174	-	4	66	R.VSGYAVRFNSLTPEQQRDV IAR.T	26
PLOG-5874	proteomics_log	2714124	2714153	-	4	126	R.FNSLTPEQQR.D	14
PLOG-5875	proteomics_log	2714169	2714231	-	4	2	R.ETLEDAVKHPEKYPQLTIRVS.G	25
PLOG-5876	proteomics_log	2714175	2714231	-	4	42	R.ETLEDAVKHPEKYPQLTIR.V	23
PLOG-5877	proteomics_log	2714175	2714234	-	4	86	R.RETLEDAVKHPEKYPQLTIR.V	24
PLOG-5878	proteomics_log	2714232	2714273	-	4	2	R.VEGGQHLNVNVLRR.E	18
PLOG-5879	proteomics_log	2714235	2714273	-	4	119	R.VEGGQHLNVNVLRR.R	17
PLOG-5880	proteomics_log	2714274	2714300	-	4	2	V.PVEVKPEVR.V	13
PLOG-5881	proteomics_log	2714274	2714306	-	4	92	R.EVPVEVKPEVR.V	15
PLOG-5882	proteomics_log	2714274	2714327	-	4	188	K.LGDIEYREVPVEVKPEVR.V	22
PLOG-5883	proteomics_log	2714274	2714366	-	4	68	K.AGYAEDEVVAVSKLGDIEYREVPVEVKPEVR.V	35

PLOG-5884	proteomics_log	2714307	2714327	-	4	14	K.LGDIEYR.E	11
PLOG-5885	proteomics_log	2714307	2714366	-	4	59	K.AGYAEDEVVAVSKLGDIEYR.E	24
PLOG-5886	proteomics_log	2714328	2714366	-	4	159	K.AGYAEDEVVAVSK.L	17
PLOG-5887	proteomics_log	2714382	2714411	-	4	3	W.LLDSEKGEAR.C	14
PLOG-5888	proteomics_log	2714382	2714444	-	4	333	K.AANDDLLNSFWLLDSEKGEAR.C	25
PLOG-5889	proteomics_log	2714382	2714471	-	4	2	H.M*ITGIQITKAANDDLLNSFWLLDSEKGEAR.C	35
PLOG-5890	proteomics_log	2714382	2714471	-	4	75	H.MITGIQITKAANDDLLNSFWLLDSEKGEAR.C	34
PLOG-5891	proteomics_log	2714394	2714444	-	4	16	K.AANDDLLNSFWLLDSEK.G	21
PLOG-5892	proteomics_log	2714445	2714471	-	4	14	H.M*ITGIQITK.A	14
PLOG-5893	proteomics_log	2714445	2714471	-	4	227	H.MITGIQITK.A	13
PLOG-5894	proteomics_log	2715349	2715381	-	5	3	K.M*VAAKESTMRR.K	16
PLOG-5895	proteomics_log	2715603	2715677	-	4	4	K.MVLVLGQEYEGLPDAARDPNDLRV.I	29
PLOG-5896	proteomics_log	2715609	2715677	-	4	7	K.MVLVLGQEYEGLPDAARDPNDLR.V	27
PLOG-5897	proteomics_log	2715696	2715827	-	4	2	R.TAEGGAEHVQPITGDNIVNVLDDFRQAGYTVVTTSSSEQGKPLFK.T	48
PLOG-5898	proteomics_log	2715753	2715827	-	4	17	R.TAEGGAEHVQPITGDNIVNVLDDFR.Q	29
PLOG-5899	proteomics_log	2715828	2715878	-	4	21	K.GVVVQDAALLESAAIR.T	21
PLOG-5900	proteomics_log	2716059	2716097	-	4	4	R.KAYHVVDAAELTK.A	17
PLOG-5901	proteomics_log	2716134	2716163	-	4	3	R.AWFIQSVTPR.F	14
PLOG-5902	proteomics_log	2716275	2716328	-	4	2	R.APGDETPEKADHGGISGK.S	22
PLOG-5903	proteomics_log	2716275	2716340	-	4	92	R.TVSRAPGDETPEKADHGGISGK.S	26
PLOG-5904	proteomics_log	2716302	2716340	-	4	3	R.TVSRAPGDETPEK.A	17
PLOG-5905	proteomics_log	2716527	2716550	-	4	2	S.MNDEMKGK.S	12
PLOG-5906	proteomics_log	2723736	2723765	-	4	6	M.AESTVTADSK.L	14
PLOG-5907	proteomics_log	2729661	2729738	-	4	60	R.AIQQQIENPLAQQILSGELVPGKVIR.L	30
PLOG-5908	proteomics_log	2729670	2729738	-	4	3	R.AIQQQIENPLAQQILSGELVPGK.V	27
PLOG-5909	proteomics_log	2729793	2729828	-	4	3	R.GYEIHISDEALK.L	16
PLOG-5910	proteomics_log	2730081	2730152	-	4	2	K.AHPDVFNILLQVLDDGRLTDGQGR.T	28
PLOG-5911	proteomics_log	2730102	2730191	-	4	2	R.RPYSVILLDEVEKAHPDVFNILLQVLDDGR.L	34
PLOG-5912	proteomics_log	2730153	2730194	-	4	2	R.RRPYSVILLDEVEK.A	18
PLOG-5913	proteomics_log	2730303	2730347	-	4	70	K.ALANFMFDSDEAMVR.I	19
PLOG-5914	proteomics_log	2730348	2730431	-	4	4	R.AGLADPNRPIGSFLFLGPTGVGKTELCK.A	32
PLOG-5915	proteomics_log	2730363	2730431	-	4	2	R.AGLADPNRPIGSFLFLGPTGVGK.T	27
PLOG-5916	proteomics_log	2730438	2730488	-	4	5	R.VIGQNEAVDAVSNAIRR.S	21
PLOG-5917	proteomics_log	2730441	2730488	-	4	6	R.VIGQNEAVDAVSNAIR.R	20
PLOG-5918	proteomics_log	2730489	2730512	-	4	89	R.MEQELHHR.V	12
PLOG-5919	proteomics_log	2730522	2730545	-	4	5	R.MMESEREK.L	12
PLOG-5920	proteomics_log	2730570	2730605	-	4	3	K.VTDAEIAEVLAR.W	16
PLOG-5921	proteomics_log	2730570	2730611	-	4	109	R.NKVTDAEIAEVLAR.W	18
PLOG-5922	proteomics_log	2730570	2730620	-	4	36	R.LLRNKVTDAEIAEVLAR.W	21
PLOG-5923	proteomics_log	2730621	2730704	-	4	3	R.MSELQYGKIPLEKQLEAATQLEGKTM.R.L	32
PLOG-5924	proteomics_log	2730630	2730662	-	4	2	K.QLEAATQLEGK.T	15
PLOG-5925	proteomics_log	2730630	2730704	-	4	4	R.M*SELQYGKIPLEKQLEAATQLEGK.T	30
PLOG-5926	proteomics_log	2730630	2730704	-	4	91	R.MSELQYGKIPLEKQLEAATQLEGK.T	29
PLOG-5927	proteomics_log	2730723	2730827	-	4	11	S.ELEEEWKAEKASLSGTQTIKAELEQAKIAIEQARR.V	39
PLOG-5928	proteomics_log	2730726	2730797	-	4	6	K.ASLSGTQTIKAELEQAKIAIEQAR.R	28
PLOG-5929	proteomics_log	2730990	2731028	-	4	2	K.AIDLIDEAASSIR.M	17

PLOG-5930	proteomics_log	2730990	2731037	-	4	55	L.PDKAIDLIDEAASSIR.M	20
PLOG-5931	proteomics_log	2730990	2731043	-	4	52	R.QLPDKAIDLIDEAASSIR.M	22
PLOG-5932	proteomics_log	2730990	2731058	-	4	61	R.YIADRQLPDKAIDLIDEAASSIR.M	27
PLOG-5933	proteomics_log	2731059	2731127	-	4	43	R.YELHHHVQITDPAIVAAATLSHR.Y	27
PLOG-5934	proteomics_log	2731143	2731190	-	4	157	K.VFVAEPSVEDTIAILR.G	20
PLOG-5935	proteomics_log	2731143	2731199	-	4	3	R.FQKVFVAEPSVEDTIAILR.G	23
PLOG-5936	proteomics_log	2731143	2731202	-	4	14	R.RFQKVFVAEPSVEDTIAILR.G	24
PLOG-5937	proteomics_log	2731203	2731280	-	4	2	R.GELHCVGATTLDEYRQYIEKDAALER.R	30
PLOG-5938	proteomics_log	2731332	2731415	-	4	2	K.GVLNDLAKQEGNVILFIDELHTMVGAGK.A	32
PLOG-5939	proteomics_log	2731332	2731421	-	4	29	R.LKGVNDLAKQEGNVILFIDELHTMVGAGK.A	34
PLOG-5940	proteomics_log	2731446	2731487	-	4	43	R.VLALDMGALVAGAK.Y	18
PLOG-5941	proteomics_log	2731446	2731490	-	4	11	R.RVLALDMGALVAGAK.Y	19
PLOG-5942	proteomics_log	2731491	2731529	-	4	5	R.IINGEVPEGLKGR.R	17
PLOG-5943	proteomics_log	2731530	2731559	-	4	17	K.TAIVEGLAQR.I	14
PLOG-5944	proteomics_log	2731530	2731604	-	4	48	R.TKNNPVLIGEPGVGKTAIVEGLAQR.I	29
PLOG-5945	proteomics_log	2731530	2731607	-	4	5	R.RTKNNPVLIGEPGVGKTAIVEGLAQR.I	30
PLOG-5946	proteomics_log	2731560	2731598	-	4	4	K.NNPVLIGEPGVGK.T	17
PLOG-5947	proteomics_log	2731560	2731604	-	4	9	R.TKNNPVLIGEPGVGK.T	19
PLOG-5948	proteomics_log	2731629	2731682	-	4	5	R.AEQGKLDPVIGRDEEIRR.T	22
PLOG-5949	proteomics_log	2732460	2732522	-	4	34	K.ASAAFIQHGDKYLADIYQLAR.Q	25
PLOG-5950	proteomics_log	2733095	2733178	-	6	18	R.LYHPISGIEMEWHAIPQDMVELIEVMR.A	32
PLOG-5951	proteomics_log	2733584	2733640	-	6	6	R.AGIVHRLDKDTTGLM*VVAK.T	24
PLOG-5952	proteomics_log	2733584	2733640	-	6	8	R.AGIVHRLDKDTTGLMVVAK.T	23
PLOG-5953	proteomics_log	2733641	2733733	-	6	51	R.DLVVHPGAGNPDGTVLNALLHYYPPIADVPR.A	35
PLOG-5954	proteomics_log	2737060	2737122	-	5	2	R.FGEAIELLEQGDKQAFIDSFR.K	25
PLOG-5955	proteomics_log	2737465	2737557	-	5	2	K.NGPLQAMLVAHDGPVGLHMPFGPDSGSLAK.Q	35
PLOG-5956	proteomics_log	2737861	2737920	-	5	46	R.RAEAEALGVPPDLIEDVLR.R	24
PLOG-5957	proteomics_log	2738014	2738088	-	5	16	M.VAELTALRDQIDEVDKALLNLLAKR.L	29
PLOG-5958	proteomics_log	2738017	2738088	-	5	214	M.VAELTALRDQIDEVDKALLNLLAK.R	28
PLOG-5959	proteomics_log	2738017	2738091	-	5	3	I.M*VAELTALRDQIDEVDKALLNLLAK.R	30
PLOG-5960	proteomics_log	2738017	2738091	-	5	34	I.MVAELTALRDQIDEVDKALLNLLAK.R	29
PLOG-5961	proteomics_log	2738210	2738287	-	6	18	R.SIIGLMIESNIHEGNQSSEQPRSEM.K.Y	30
PLOG-5962	proteomics_log	2738222	2738287	-	6	25	R.SIIGLMIESNIHEGNQSSEQPR.S	26
PLOG-5963	proteomics_log	2738288	2738341	-	6	132	R.RQPAVAESVVAQIKDGNR.S	22
PLOG-5964	proteomics_log	2738468	2738545	-	6	4	R.FVGINQAGQVALLQTQGNPDGHVILR.G	30
PLOG-5965	proteomics_log	2738468	2738548	-	6	2	H.RFVGINQAGQVALLQTQGNPDGHVILR.G	31
PLOG-5966	proteomics_log	2738468	2738566	-	6	2	R.AAAQPHRFVGINQAGQVALLQTQGNPDGHVILR.G	37
PLOG-5967	proteomics_log	2738567	2738611	-	6	3	K.NGTDGSLATAINAM*R.A	20
PLOG-5968	proteomics_log	2738567	2738650	-	6	4	R.EMASGLSMPVGFKNGTGSLATAINAMR.A	32
PLOG-5969	proteomics_log	2738567	2738674	-	6	2	R.TTESQTHREMASGLSMPVGFKNGTGSLATAINAMR.A	40
PLOG-5970	proteomics_log	2738567	2738674	-	6	2	R.TTESQTHREM*ASGLSM*PVGFKNGTGSLATAINAM*R.A	43
PLOG-5971	proteomics_log	2738675	2738785	-	6	22	K.LLLELVNMGLPLATEALDPNSPQYLGDLFSWSAIGAR.T	41
PLOG-5972	proteomics_log	2738675	2738788	-	6	53	R.KLLELVNMGLPLATEALDPNSPQYLGDLFSWSAIGAR.T	42
PLOG-5973	proteomics_log	2738873	2738893	-	6	2	R.VYFEKPR.T	11
PLOG-5974	proteomics_log	2738873	2738893	-	6	2	R.VYFEKPR.T	11
PLOG-5975	proteomics_log	2739050	2739100	-	6	22	K.AAFPLSLQQAQIADSR.K	21



PLOG-5976	proteomics_log	2739101	2739172	-	6	84	I.MQKDALNNVHITDEQVLMTPEQLK.A	28
PLOG-5977	proteomics_log	2742214	2742243	-	5	2	R.TGKAARIKER.L	14
PLOG-5978	proteomics_log	2742244	2742270	-	5	44	K.AKLYLRER.T	13
PLOG-5979	proteomics_log	2742244	2742273	-	5	5	R.KAKLYLRER.T	14
PLOG-5980	proteomics_log	2742250	2742273	-	5	2	R.KAKLYLR.E	12
PLOG-5981	proteomics_log	2742271	2742336	-	5	3	R.VFQTHSPVVDISISVKRRGAVRK.A	26
PLOG-5982	proteomics_log	2742274	2742336	-	5	3	R.VFQTHSPVVDISISVKRRGAVR.K	25
PLOG-5983	proteomics_log	2742286	2742336	-	5	76	R.VFQTHSPVVDISISVKRR.G	21
PLOG-5984	proteomics_log	2742286	2742363	-	5	4	K.ISNGEGVERVFQTHSPVVDISISVKRR.G	30
PLOG-5985	proteomics_log	2742286	2742366	-	5	7	R.KISNGEGVERVFQTHSPVVDISISVKRR.G	31
PLOG-5986	proteomics_log	2742289	2742336	-	5	346	R.VFQTHSPVVDISISVKR.R	20
PLOG-5987	proteomics_log	2742289	2742363	-	5	12	K.ISNGEGVERVFQTHSPVVDISISVKR.R	29
PLOG-5988	proteomics_log	2742289	2742366	-	5	36	R.KISNGEGVERVFQTHSPVVDISISVKR.R	30
PLOG-5989	proteomics_log	2742292	2742333	-	5	2	V.FQTHSPVVDISISVK.R	18
PLOG-5990	proteomics_log	2742292	2742336	-	5	507	R.VFQTHSPVVDISISVK.R	19
PLOG-5991	proteomics_log	2742292	2742363	-	5	26	K.ISNGEGVERVFQTHSPVVDISISVK.R	28
PLOG-5992	proteomics_log	2742292	2742366	-	5	110	R.KISNGEGVERVFQTHSPVVDISISVK.R	29
PLOG-5993	proteomics_log	2742337	2742363	-	5	114	K.ISNGEGVER.V	13
PLOG-5994	proteomics_log	2742337	2742366	-	5	151	R.KISNGEGVER.V	14
PLOG-5995	proteomics_log	2742364	2742393	-	5	9	R.GLHSAFTVRK.I	14
PLOG-5996	proteomics_log	2742367	2742393	-	5	209	R.GLHSAFTVR.K	13
PLOG-5997	proteomics_log	2742367	2742399	-	5	17	R.NRGLHSAFTVR.K	15
PLOG-5998	proteomics_log	2742394	2742435	-	5	60	R.LQAFEGVVI AIRNR.G	18
PLOG-5999	proteomics_log	2742394	2742438	-	5	61	K.RLQAFEGVVI AIRNR.G	19
PLOG-6000	proteomics_log	2742400	2742435	-	5	525	R.LQAFEGVVI AIR.N	16
PLOG-6001	proteomics_log	2742400	2742438	-	5	102	K.RLQAFEGVVI AIR.N	17
PLOG-6002	proteomics_log	2742400	2742441	-	5	2	K.KRLQAFEGVVI AIR.N	18
PLOG-6003	proteomics_log	2742436	2742465	-	5	15	K.VWVVEGSKK.L	14
PLOG-6004	proteomics_log	2742439	2742465	-	5	7	K.VWVVEGSKK.R	13
PLOG-6005	proteomics_log	2742442	2742465	-	5	31	K.VWVVEGSK.K	12
PLOG-6006	proteomics_log	2742442	2742549	-	5	2	M.SNIIKQLEQE QMKQDVPSFRPGDTVEVKVWVVEGSK.K	40
PLOG-6007	proteomics_log	2742466	2742510	-	5	5	K.QDVPSFRPGDTVEVK.V	19
PLOG-6008	proteomics_log	2742466	2742534	-	5	12	K.QLEQE QMKQDVPSFRPGDTVEVK.V	27
PLOG-6009	proteomics_log	2742466	2742549	-	5	11	M.SNIIKQLEQE QM*KQDVPSFRPGDTVEVK.V	33
PLOG-6010	proteomics_log	2742466	2742549	-	5	188	M.SNIIKQLEQE QMKQDVPSFRPGDTVEVK.V	32
PLOG-6011	proteomics_log	2742511	2742549	-	5	6	M.SNIIKQLEQE QM*K.Q	18
PLOG-6012	proteomics_log	2742511	2742549	-	5	30	M.SNIIKQLEQE QMK.Q	17
PLOG-6013	proteomics_log	2743320	2743361	-	4	10	A.MWIGIISLFP EMFR.A	18
PLOG-6014	proteomics_log	2743395	2743424	-	4	3	R.SIEVDWDPGF.-	14
PLOG-6015	proteomics_log	2743425	2743478	-	4	4	R.LVPFLDGQVIK KVDL TTR.S	22
PLOG-6016	proteomics_log	2743788	2743850	-	4	3	R.VFSSTEDAESIFDYQPWFIQK.A	25
PLOG-6017	proteomics_log	2743887	2743937	-	4	23	M.SKQLTAQAPVDPIVLGK.M	21
PLOG-6018	proteomics_log	2743962	2743997	-	4	314	R.VAALIKEVNKAA.-	16
PLOG-6019	proteomics_log	2743962	2744039	-	4	173	R.IAHWVGQGATISDRVAALIKEVNKAA.-	30
PLOG-6020	proteomics_log	2743968	2743997	-	4	170	R.VAALIKEVNK.A	14
PLOG-6021	proteomics_log	2743968	2744039	-	4	141	R.IAHWVGQGATISDRVAALIKEVNK.A	28

PLOG-6022	proteomics_log	2743980	2744039	-	4	344	R.IAHWVGQGATISDRVAALIK.E	24
PLOG-6023	proteomics_log	2743980	2744066	-	4	9	E.EGTRLDLDRIAHWVGQGATISDRVAALIK.E	33
PLOG-6024	proteomics_log	2743998	2744030	-	4	3	H.WVGQGATISDR.V	15
PLOG-6025	proteomics_log	2743998	2744039	-	4	361	R.IAHWVGQGATISDR.V	18
PLOG-6026	proteomics_log	2743998	2744102	-	4	134	R.VGFFNPIASEKEEGTRLDLDRIAHWVGQGATISDR.V	39
PLOG-6027	proteomics_log	2744031	2744102	-	4	4	R.VGFFNPIASEKEEGTRLDLDRIAH.W	28
PLOG-6028	proteomics_log	2744040	2744102	-	4	315	R.VGFFNPIASEKEEGTRLDLDR.I	25
PLOG-6029	proteomics_log	2744040	2744114	-	4	2	R.FIERVGFNPIASEKEEGTRLDLDR.I	29
PLOG-6030	proteomics_log	2744055	2744102	-	4	76	R.VGFFNPIASEKEEGTR.L	20
PLOG-6031	proteomics_log	2744070	2744102	-	4	81	R.VGFFNPIASEK.E	15
PLOG-6032	proteomics_log	2744133	2744156	-	4	4	Y.QVVVADSR.N	12
PLOG-6033	proteomics_log	2744133	2744168	-	4	2	K.RPFYQVVVADSR.N	16
PLOG-6034	proteomics_log	2744133	2744171	-	4	192	K.KRPFYQVVVADSR.N	17
PLOG-6035	proteomics_log	2744133	2744183	-	4	8	R.HGAKKRPFYQVVVADSR.N	21
PLOG-6036	proteomics_log	2744543	2744572	-	6	2	R.LLKQFDDM*QR.M	15
PLOG-6037	proteomics_log	2744543	2744572	-	6	25	R.LLKQFDDMQR.M	14
PLOG-6038	proteomics_log	2744624	2744653	-	6	29	R.AKPEIIKGSR.K	14
PLOG-6039	proteomics_log	2744654	2744692	-	6	8	R.MEAIINSMTMKER.A	17
PLOG-6040	proteomics_log	2744723	2744758	-	6	2	K.LPGMGQIPDNVK.S	16
PLOG-6041	proteomics_log	2744801	2744842	-	6	19	K.GDGFDLNDFLEQLR.Q	18
PLOG-6042	proteomics_log	2744801	2744845	-	6	15	K.KGDGFDLNDFLEQLR.Q	19
PLOG-6043	proteomics_log	2744801	2744851	-	6	16	K.LKKGDGFDLNDFLEQLR.Q	21
PLOG-6044	proteomics_log	2744852	2744938	-	6	19	R.ILGMGDVLSLIEDIESKVDRAQAELK.L	33
PLOG-6045	proteomics_log	2744864	2744938	-	6	7	R.ILGMGDVLSLIEDIESKVDRAQAEL.L	29
PLOG-6046	proteomics_log	2744879	2744938	-	6	4	R.ILGM*GDVLSLIEDIESKVDR.A	25
PLOG-6047	proteomics_log	2744879	2744938	-	6	68	R.ILGMGDVLSLIEDIESKVDR.A	24
PLOG-6048	proteomics_log	2744888	2744938	-	6	5	R.ILGM*GDVLSLIEDIESK.V	22
PLOG-6049	proteomics_log	2744888	2744938	-	6	108	R.ILGMGDVLSLIEDIESK.V	21
PLOG-6050	proteomics_log	2745053	2745115	-	6	7	K.AFNEALPLTGVVLTQVGDAR.G	25
PLOG-6051	proteomics_log	2745071	2745115	-	6	23	K.AFNEALPLTGVVLTQ.V	19
PLOG-6052	proteomics_log	2745116	2745154	-	6	3	V.DAMTGQDAANTAK.A	17
PLOG-6053	proteomics_log	2745116	2745154	-	6	3	V.DAM*TGQDAANTAK.A	18
PLOG-6054	proteomics_log	2745116	2745160	-	6	3	F.VVDAM*TGQDAANTAK.A	20
PLOG-6055	proteomics_log	2745236	2745271	-	6	4	K.FYDVLLVDTAGR.L	16
PLOG-6056	proteomics_log	2745236	2745277	-	6	7	K.LKFYDVLLVDTAGR.L	18
PLOG-6057	proteomics_log	2745278	2745379	-	6	9	K.QLETLAEQVGVDFFPSDVGQKPVDIVNAALKEAK.L	38
PLOG-6058	proteomics_log	2745287	2745379	-	6	2	K.QLETLAEQVGVDFFPSDVGQKPVDIVNAALK.E	35
PLOG-6059	proteomics_log	2745581	2745643	-	6	2	K.AVGHEVNKSLTPGQEFVKIVR.N	25
PLOG-6060	proteomics_log	2745590	2745643	-	6	2	K.AVGHEVNKSLTPGQEFVK.I	22
PLOG-6061	proteomics_log	2745620	2745643	-	6	2	K.AVGHEVNK.S	12
PLOG-6062	proteomics_log	2745671	2745712	-	6	10	R.MALLEADVALPVVR.E	18
PLOG-6063	proteomics_log	2745713	2745760	-	6	2	R.GRLTEDNVKDTLREVR.M	20
PLOG-6064	proteomics_log	2745722	2745754	-	6	3	R.LTEDNVKDTLR.E	15
PLOG-6065	proteomics_log	2745722	2745760	-	6	3	R.GRLTEDNVKDTLR.E	17
PLOG-6066	proteomics_log	2748140	2748172	-	6	3	R.AAM*VTVAKAKA.-	16
PLOG-6067	proteomics_log	2748140	2748172	-	6	10	R.AAMVTVAKAKA.-	15

PLOG-6068	proteomics_log	2748140	2748181	-	6	2	R.TIRAAMVTVAKAKA.-	18
PLOG-6069	proteomics_log	2748203	2748325	-	6	4	R.KFGVEVIAETNVPLDPNVHQAIAMVESDDVAPGNVLGIMQK.G	45
PLOG-6070	proteomics_log	2748323	2748418	-	6	9	R.ALEVADKANPDMSAMVEGIELTLKSM LDVVVRK.F	36
PLOG-6071	proteomics_log	2748326	2748382	-	6	5	M.SAMVEGIELTLKSM LDVVVR.K	23
PLOG-6072	proteomics_log	2748326	2748418	-	6	101	R.ALEVADKANPDMSAMVEGIELTLKSM LDVVVR.K	35
PLOG-6073	proteomics_log	2748347	2748397	-	6	3	K.ANPDMSAMVEGIELTLK.S	21
PLOG-6074	proteomics_log	2748347	2748418	-	6	2	R.ALEVADKANPDMSAM*VEGIELTLK.S	29
PLOG-6075	proteomics_log	2748347	2748418	-	6	3	R.ALEVADKANPDM*SAMVEGIELTLK.S	29
PLOG-6076	proteomics_log	2748347	2748418	-	6	110	R.ALEVADKANPDMSAMVEGIELTLK.S	28
PLOG-6077	proteomics_log	2748347	2748460	-	6	2	K.FINELLPVIDSLDRALEVADKANPDM*SAM*VEGIELTLK.S	44
PLOG-6078	proteomics_log	2748347	2748460	-	6	108	K.FINELLPVIDSLDRALEVADKANPDMSAMVEGIELTLK.S	42
PLOG-6079	proteomics_log	2748419	2748460	-	6	221	K.FINELLPVIDSLDR.A	18
PLOG-6080	proteomics_log	2748419	2748475	-	6	27	K.FALEKFINELLPVIDSLDR.A	23
PLOG-6081	proteomics_log	2748419	2748484	-	6	19	K.AHKFALEKFINELLPVIDSLDR.A	26
PLOG-6082	proteomics_log	2748419	2748505	-	6	5	R.TELDIEKAHKFALEKFINELLPVIDSLDR.A	33
PLOG-6083	proteomics_log	2748419	2748508	-	6	24	R.RTELDIEKAHKFALEKFINELLPVIDSLDR.A	34
PLOG-6084	proteomics_log	2748461	2748508	-	6	21	R.RTELDIEKAHKFALEK.F	20
PLOG-6085	proteomics_log	2748509	2748538	-	6	4	R.VKAEMNLR.R	14
PLOG-6086	proteomics_log	2748512	2748538	-	6	2	R.VKAEM*ENLR.R	14
PLOG-6087	proteomics_log	2748512	2748538	-	6	23	R.VKAEMNLR.R	13
PLOG-6088	proteomics_log	2748560	2748601	-	6	49	K.VANLEAQLAEAQTR.E	18
PLOG-6089	proteomics_log	2748560	2748610	-	6	3	R.DEKVANLEAQLAEAQTR.E	21
PLOG-6090	proteomics_log	2752216	2752236	-	5	2	A.TVEEAIR.A	11
PLOG-6091	proteomics_log	2757062	2757130	-	6	2	K.LPQEQKQSNLEGPAYAVPLHKL.H	27
PLOG-6092	proteomics_log	2770405	2770482	-	5	2	S.SVMNMPVTLIGALSIDGSTATGVVK.E	30
PLOG-6093	proteomics_log	2774048	2774131	-	6	2	I.PPYSSQKRSIQAKMRGSSVIHCGMVPK.C	32
PLOG-6094	proteomics_log	2779621	2779683	-	5	2	R.IDNGGVM*DVAGNATNTIINGG.T	26
PLOG-6095	proteomics_log	2788100	2788195	-	6	2	K.LRLQAAGRVIDPGMDHAAVVARLVTRGRGLFF.Q	36
PLOG-6096	proteomics_log	2794362	2794409	-	4	2	K.SPDKIYPGQVLRIP EE.-	20
PLOG-6097	proteomics_log	2794362	2794439	-	4	3	K.IFEANKPMLKSPDKIYPGQVLRIP EE.-	30
PLOG-6098	proteomics_log	2794374	2794409	-	4	13	K.SPDKIYPGQVLR.I	16
PLOG-6099	proteomics_log	2794410	2794439	-	4	5	K.IFEANKPMLK.S	14
PLOG-6100	proteomics_log	2794440	2794472	-	4	8	K.QVYGNANLYNK.I	15
PLOG-6101	proteomics_log	2794473	2794502	-	4	19	K.SGDTLSAISK.Q	14
PLOG-6102	proteomics_log	2794503	2794544	-	4	15	K.TATPATASQFYTVK.S	18
PLOG-6103	proteomics_log	2794545	2794601	-	4	12	K.ILVAVGNISGIASVDDQVK.T	23
PLOG-6104	proteomics_log	2794602	2794646	-	4	14	K.ATVTGDGLSQA EKEK.I	19
PLOG-6105	proteomics_log	2794608	2794646	-	4	13	K.ATVTGDGLSQA EKEK.E	17
PLOG-6106	proteomics_log	2794647	2794697	-	4	2	K.TGIPDADKVNIQIADGK.A	21
PLOG-6107	proteomics_log	2794647	2794721	-	4	3	K.KVQEHLNKTGIPDADKVNIQIADGK.A	29
PLOG-6108	proteomics_log	2794698	2794721	-	4	7	K.KVQEHLNK.T	12
PLOG-6109	proteomics_log	2794722	2794805	-	4	19	M.GLFNFVKDAGEKLWDAVTGQHDKDDQAK.K	32
PLOG-6110	proteomics_log	2794770	2794805	-	4	3	M.GLFNFVKDAGEK.L	16
PLOG-6111	proteomics_log	2796116	2796175	-	6	2	R.TPKPIAQALAEKSLDDFLI.-	24
PLOG-6112	proteomics_log	2796116	2796196	-	6	13	K.TWTGQGRTPKPIAQALAEKSLDDFLI.-	31
PLOG-6113	proteomics_log	2796137	2796175	-	6	14	R.TPKPIAQALAEK.S	17

PLOG-6114	proteomics_log	2796137	2796196	-	6	4	K.TWTGQGRTPKPIAQAALAEKG.S	24
PLOG-6115	proteomics_log	2796197	2796223	-	6	9	K.FTDVNGETK.T	13
PLOG-6116	proteomics_log	2796263	2796319	-	6	98	K.ADGINPEELLGNSAAAPR.A	23
PLOG-6117	proteomics_log	2796263	2796346	-	6	102	K.ISTWLELMKADGINPEELLGNSAAAPR.A	32
PLOG-6118	proteomics_log	2796320	2796346	-	6	3	K.ISTWLELM*K.A	14
PLOG-6119	proteomics_log	2796320	2796346	-	6	25	K.ISTWLELMK.A	13
PLOG-6120	proteomics_log	2796347	2796394	-	6	4	R.EEEEEQQRELAERQEK.I	20
PLOG-6121	proteomics_log	2796356	2796397	-	6	10	R.REEEEEQQRELAER.Q	18
PLOG-6122	proteomics_log	2796371	2796397	-	6	3	R.REEEEEQQQR.E	13
PLOG-6123	proteomics_log	2796371	2796415	-	6	15	R.VVTKEREEEEQQQR.E	19
PLOG-6124	proteomics_log	2796371	2796421	-	6	2	K.FRVTVKEREEEEQQQR.E	21
PLOG-6125	proteomics_log	2796416	2796460	-	6	32	R.EFSIDVLEEMLEKFR.V	19
PLOG-6126	proteomics_log	2796416	2796472	-	6	3	R.AMAREFSIDVLEEMLEKFR.V	23
PLOG-6127	proteomics_log	2796422	2796460	-	6	12	R.EFSIDVLEEM*LEK.F	18
PLOG-6128	proteomics_log	2796422	2796460	-	6	171	R.EFSIDVLEEMLEK.F	17
PLOG-6129	proteomics_log	2796473	2796514	-	6	7	M.SVMLQSLNNIRTLR.A	18
PLOG-6130	proteomics_log	2796482	2796514	-	6	7	M.SVM*LQSLNNIR.T	16
PLOG-6131	proteomics_log	2796482	2796514	-	6	106	M.SVMLQSLNNIR.T	15
PLOG-6132	proteomics_log	2812243	2812299	-	5	79	R.INSNEELALPKEKLQELHI.-	23
PLOG-6133	proteomics_log	2812243	2812308	-	5	8	R.DVRINSNEELALPKEKLQELHI.-	26
PLOG-6134	proteomics_log	2812243	2812323	-	5	18	R.SILERDVRINSNEELALPKEKLQELHI.-	31
PLOG-6135	proteomics_log	2812261	2812299	-	5	67	R.INSNEELALPKEK.L	17
PLOG-6136	proteomics_log	2812261	2812308	-	5	3	R.DVRINSNEELALPKEK.L	20
PLOG-6137	proteomics_log	2812267	2812299	-	5	15	R.INSNEELALPK.E	15
PLOG-6138	proteomics_log	2812417	2812440	-	5	2	K.AAMEDVLK.V	12
PLOG-6139	proteomics_log	2812417	2812503	-	5	59	R.TGFYMSLIGTPDEQRVADAWKAAMEDVLK.V	33
PLOG-6140	proteomics_log	2812459	2812503	-	5	96	R.TGFYMSLIGTPDEQR.V	19
PLOG-6141	proteomics_log	2812504	2812560	-	5	4	R.NHLNGNGVEIIDISPMGCR.T	23
PLOG-6142	proteomics_log	2812561	2812602	-	5	21	R.GIHTLEHLFAGFM*R.N	19
PLOG-6143	proteomics_log	2812561	2812602	-	5	265	R.GIHTLEHLFAGFMR.N	18
PLOG-6144	proteomics_log	2812561	2812638	-	5	7	R.FCVPNKEVMPERGIHTLEHLFAGFMR.N	30
PLOG-6145	proteomics_log	2812603	2812638	-	5	4	R.FCVPNKEVMPER.G	16
PLOG-6146	proteomics_log	2812639	2812686	-	5	15	K.TM*NTPHGDAITVFDLR.F	21
PLOG-6147	proteomics_log	2812639	2812686	-	5	228	K.TMNTPHGDAITVFDLR.F	20
PLOG-6148	proteomics_log	2812639	2812695	-	5	3	R.VAKTMNTPHGDAITVFDLR.F	23
PLOG-6149	proteomics_log	2812687	2812716	-	5	5	R.MEAPAVRVAK.T	14
PLOG-6150	proteomics_log	2812696	2812752	-	5	6	M.PLLSFTVDHTRMEAPAVR.V	23
PLOG-6151	proteomics_log	2812717	2812752	-	5	284	M.PLLSFTVDHTR.M	16
PLOG-6152	proteomics_log	2813418	2813471	-	4	6	R.SLDINPFSPIGVDEQQVR.F	22
PLOG-6153	proteomics_log	2814210	2814296	-	4	5	K.WITTDFAEALLEFITPVDGGDIEHMLTFMR.D	33
PLOG-6154	proteomics_log	2815148	2815219	-	6	5	R.RPMAVGTGSESAIAEALLAHLGLR.H	28
PLOG-6155	proteomics_log	2815235	2815285	-	6	18	R.SMLLDSVEPLPLVDVVK.S	21
PLOG-6156	proteomics_log	2816986	2817018	-	5	197	R.IQAEKSQQSSY.-	15
PLOG-6157	proteomics_log	2816986	2817075	-	5	2	R.IGVNAPKEVSVHREEIYQRIQAEKSQQSSY.-	34
PLOG-6158	proteomics_log	2817019	2817054	-	5	21	K.EVSVHREEIYQR.I	16
PLOG-6159	proteomics_log	2817019	2817075	-	5	156	R.IGVNAPKEVSVHREEIYQR.I	23

PLOG-6160	proteomics_log	2817037	2817075	-	5	27	R.IGVNAPKEVSVHR.E	17
PLOG-6161	proteomics_log	2817055	2817075	-	5	9	R.IGVNAPK.E	11
PLOG-6162	proteomics_log	2817076	2817147	-	5	2	R.VGETLMIGDEVTVTVLGVKGNQVR.I	28
PLOG-6163	proteomics_log	2817076	2817147	-	5	2	R.VGETLM*IGDEVTVTVLGVKGNQVR.I	29
PLOG-6164	proteomics_log	2817076	2817150	-	5	12	R.RVGETLM*IGDEVTVTVLGVKGNQVR.I	30
PLOG-6165	proteomics_log	2817076	2817150	-	5	216	R.RVGETLMIGDEVTVTVLGVKGNQVR.I	29
PLOG-6166	proteomics_log	2817091	2817150	-	5	2	R.RVGETLMIGDEVTVTVLGVK.G	24
PLOG-6167	proteomics_log	2817412	2817507	-	5	2	K.GGGRPDMAQAGGTDAAALPAALASVKGWVSAK.L	36
PLOG-6168	proteomics_log	2817421	2817507	-	5	2	K.GGGRPDMAQAGGTDAAALPAALASVKGWV.S	33
PLOG-6169	proteomics_log	2817508	2817552	-	5	13	K.AGELIGMVAQVGGK.G	19
PLOG-6170	proteomics_log	2817508	2817600	-	5	8	K.VSLIAGVSKDVTDRVKAGELIGMVAQVGGK.G	35
PLOG-6171	proteomics_log	2817553	2817672	-	5	3	R.TMVDDLKNQLGSTIIVLATVVEGKVSLIAGVSKDVTDRVK.A	44
PLOG-6172	proteomics_log	2817601	2817672	-	5	23	R.TM*VDDLKNQLGSTIIVLATVVEGK.V	29
PLOG-6173	proteomics_log	2817601	2817672	-	5	188	R.TMVDDLKNQLGSTIIVLATVVEGK.V	28
PLOG-6174	proteomics_log	2817601	2817681	-	5	2	K.MLRTMVDDLKNQLGSTIIVLATVVEGK.V	31
PLOG-6175	proteomics_log	2817601	2817705	-	5	9	S.ELSGVEPKM*LRTM*VDDLKNQLGSTIIVLATVVEGK.V	41
PLOG-6176	proteomics_log	2817673	2817741	-	5	4	K.AIDVNGVKLLVSELSGVEPKM*LR.T	28
PLOG-6177	proteomics_log	2817673	2817741	-	5	27	K.AIDVNGVKLLVSELSGVEPKMLR.T	27
PLOG-6178	proteomics_log	2817682	2817717	-	5	22	K.LLVSELSGVEPK.M	16
PLOG-6179	proteomics_log	2817682	2817741	-	5	27	K.AIDVNGVKLLVSELSGVEPK.M	24
PLOG-6180	proteomics_log	2817682	2817819	-	5	5	R.TRQLEKELQQLKEQAAAQESANLSSKAIDVNGVKLLVSELSGVEPK.M	50
PLOG-6181	proteomics_log	2817742	2817813	-	5	4	R.QLEKELQQLKEQAAAQESANLSSK.A	28
PLOG-6182	proteomics_log	2817742	2817819	-	5	25	R.TRQLEKELQQLKEQAAAQESANLSSK.A	30
PLOG-6183	proteomics_log	2817835	2817867	-	5	6	K.GDSNNLADKVR.S	15
PLOG-6184	proteomics_log	2817835	2817894	-	5	17	R.LSEVAHLLKGDSNNLADKVR.S	24
PLOG-6185	proteomics_log	2817835	2817954	-	5	12	R.RIEAVTGEGAIATVHADSDRLSEVAHLLKGDSNNLADKVR.S	44
PLOG-6186	proteomics_log	2817895	2817954	-	5	9	R.RIEAVTGEGAIATVHADSDR.L	24
PLOG-6187	proteomics_log	2817952	2817990	-	5	4	R.IISESGTAAGVRR.I	17
PLOG-6188	proteomics_log	2817955	2817990	-	5	95	R.IISESGTAAGVR.R	16
PLOG-6189	proteomics_log	2817991	2818014	-	5	93	R.TGDIGLFR.I	12
PLOG-6190	proteomics_log	2817991	2818071	-	5	3	R.VLSMGDFSTELCGGTHASRTGDIGLFR.I	31
PLOG-6191	proteomics_log	2818015	2818071	-	5	2	R.VLSMGDFSTELCGGTHASR.T	23
PLOG-6192	proteomics_log	2818078	2818116	-	5	4	K.GAMALFGEKYDER.V	17
PLOG-6193	proteomics_log	2818090	2818116	-	5	2	K.GAMALFGEK.Y	13
PLOG-6194	proteomics_log	2818117	2818167	-	5	3	R.NLPIETNIMDLEAAKAK.G	21
PLOG-6195	proteomics_log	2818123	2818167	-	5	2	R.NLPIETNIM*DLEAAK.A	20
PLOG-6196	proteomics_log	2818123	2818167	-	5	130	R.NLPIETNIMDLEAAK.A	19
PLOG-6197	proteomics_log	2818168	2818248	-	5	11	R.FDFSHNEAMKPEEIRAVEDLVNTQIRR.N	31
PLOG-6198	proteomics_log	2818171	2818203	-	5	4	R.AVEDLVNTQIR.R	15
PLOG-6199	proteomics_log	2818171	2818248	-	5	3	R.FDFSHNEAMKPEEIRAVEDLVNTQIR.R	30
PLOG-6200	proteomics_log	2818204	2818248	-	5	20	R.FDFSHNEAMKPEEIR.A	19
PLOG-6201	proteomics_log	2818249	2818278	-	5	5	K.GSLVNDKVL.R.F	14
PLOG-6202	proteomics_log	2818249	2818308	-	5	4	R.QVLGTHVSQKGSVNDKVL.R.F	24
PLOG-6203	proteomics_log	2818309	2818350	-	5	6	R.LNHSATHLMHAALR.Q	18
PLOG-6204	proteomics_log	2818309	2818356	-	5	14	R.IRLNHSATHLMHAALR.Q	20
PLOG-6205	proteomics_log	2818321	2818350	-	5	2	R.LNHSATHLM*H.A	15

PLOG-6206	proteomics_log	2818366	2818404	-	5	6	K.VGDAVQADVDEAR.R	17
PLOG-6207	proteomics_log	2818426	2818455	-	5	2	K.YGQAIGHIGK.L	14
PLOG-6208	proteomics_log	2818681	2818722	-	5	9	R.EASGFGADYNAMIR.V	18
PLOG-6209	proteomics_log	2818681	2818728	-	5	3	R.AREASGFGADYNAM*IR.V	21
PLOG-6210	proteomics_log	2818729	2818785	-	5	2	R.NIKVDEAGFEAAMEEQRRR.A	23
PLOG-6211	proteomics_log	2818729	2818785	-	5	2	R.NIKVDEAGFEAAM*EEQRRR.A	24
PLOG-6212	proteomics_log	2818735	2818785	-	5	2	R.NIKVDEAGFEAAMEEQR.R	21
PLOG-6213	proteomics_log	2818843	2818881	-	5	13	K.LSGDTLDGETAFR.L	17
PLOG-6214	proteomics_log	2818843	2818914	-	5	43	R.GLALLDEELAKLSGDTLDGETAFR.L	28
PLOG-6215	proteomics_log	2818882	2818914	-	5	17	R.GLALLDEELAK.L	15
PLOG-6216	proteomics_log	2818927	2818980	-	5	6	R.QQAQVEQVLKTEEEQFAR.T	22
PLOG-6217	proteomics_log	2819197	2819226	-	5	6	K.VTGATDLSNK.S	14
PLOG-6218	proteomics_log	2819197	2819304	-	5	8	R.IAAVLQHVNSNYDIDLFRTLIQAVAKVTGATDLSNK.S	40
PLOG-6219	proteomics_log	2819227	2819304	-	5	13	R.IAAVLQHVNSNYDIDLFRTLIQAVAK.V	30
PLOG-6220	proteomics_log	2819251	2819304	-	5	6	R.IAAVLQHVNSNYDIDLFR.T	22
PLOG-6221	proteomics_log	2819776	2819823	-	5	4	R.AGGKHNDLENVGYTAR.H	20
PLOG-6222	proteomics_log	2819863	2819976	-	5	2	K.GHQVVASSSLVPHNDPTLLFTNAGMNFQKDVFLGLDKR.N	42
PLOG-6223	proteomics_log	2819863	2819976	-	5	2	K.GHQVVASSSLVPHNDPTLLFTNAGM*NQFKDVFLGLDKR.N	43
PLOG-6224	proteomics_log	2819977	2820006	-	5	4	R.QAFLDFFHSK.G	14
PLOG-6225	proteomics_log	2819977	2820030	-	5	3	M.SKSTAEIRQAFDFFHSK.G	22
PLOG-6226	proteomics_log	2820733	2820816	-	5	11	R.ELLSNPNSTPDFSVDDSEGVAETNEDE.-	32
PLOG-6227	proteomics_log	2820931	2821038	-	5	7	K.IAAPFKQAEFQILYGEGINFYGELVDLGVKEKLIK.A	40
PLOG-6228	proteomics_log	2820943	2821038	-	5	46	K.IAAPFKQAEFQILYGEGINFYGELVDLGVKEK.L	36
PLOG-6229	proteomics_log	2821060	2821092	-	5	15	K.EGENVVGSETR.V	15
PLOG-6230	proteomics_log	2821060	2821107	-	5	90	R.IGAVKEGENVVGSETR.V	20
PLOG-6231	proteomics_log	2821060	2821110	-	5	14	R.RIGAVKEGENVVGSETR.V	21
PLOG-6232	proteomics_log	2821141	2821194	-	5	10	K.IGVMFGNPETTTGGNALK.F	22
PLOG-6233	proteomics_log	2821141	2821239	-	5	3	K.QSNTLLIFINQIRMKIGVMFGNPETTTGGNALK.F	37
PLOG-6234	proteomics_log	2821201	2821239	-	5	46	K.QSNTLLIFINQIR.M	17
PLOG-6235	proteomics_log	2821201	2821257	-	5	2	K.LAGNLKQSNTLLIFINQIR.M	23
PLOG-6236	proteomics_log	2821201	2821260	-	5	16	R.KLAGNLKQSNTLLIFINQIR.M	24
PLOG-6237	proteomics_log	2821282	2821332	-	5	5	K.AEIEGEIGDSHM*GLAAR.M	22
PLOG-6238	proteomics_log	2821282	2821332	-	5	67	K.AEIEGEIGDSHMGLAAR.M	21
PLOG-6239	proteomics_log	2821282	2821386	-	5	2	R.SGAVDVIVVDSVAALTPKAEIEGEIGDSHM*GLAAR.M	40
PLOG-6240	proteomics_log	2821282	2821386	-	5	95	R.SGAVDVIVVDSVAALTPKAEIEGEIGDSHMGLAAR.M	39
PLOG-6241	proteomics_log	2821333	2821386	-	5	89	R.SGAVDVIVVDSVAALTPK.A	22
PLOG-6242	proteomics_log	2821387	2821473	-	5	9	R.KLGVDDIDNLLCSQPDTGEQALEICDALAR.S	33
PLOG-6243	proteomics_log	2821474	2821524	-	5	6	K.TCAFIDAEHALDPIYAR.K	21
PLOG-6244	proteomics_log	2821525	2821608	-	5	24	R.IVEIYGPESSGKTTTLQVIAAAQREGK.T	32
PLOG-6245	proteomics_log	2821534	2821572	-	5	3	K.TTLTLQVIAAAQR.E	17
PLOG-6246	proteomics_log	2821573	2821608	-	5	25	R.IVEIYGPESSGK.T	16
PLOG-6247	proteomics_log	2821705	2821764	-	5	4	K.ALAAALGQIEKQFGKGSIM*R.L	25
PLOG-6248	proteomics_log	2821705	2821764	-	5	224	K.ALAAALGQIEKQFGKGSIMR.L	24
PLOG-6249	proteomics_log	2821705	2821788	-	5	10	M.AIDENKQKALAAALGQIEKQFGKGSIM*R.L	33
PLOG-6250	proteomics_log	2821705	2821788	-	5	109	M.AIDENKQKALAAALGQIEKQFGKGSIMR.L	32
PLOG-6251	proteomics_log	2821720	2821764	-	5	44	K.ALAAALGQIEKQFGK.G	19

PLOG-6252	proteomics_log	2821720	2821788	-	5	4	M.AIDENKQKALAAALGQIEKQFGK.G	27
PLOG-6253	proteomics_log	2821732	2821764	-	5	59	K.ALAAALGQIEK.Q	15
PLOG-6254	proteomics_log	2821732	2821788	-	5	23	M.AIDENKQKALAAALGQIEK.Q	23
PLOG-6255	proteomics_log	2821874	2821927	-	6	4	R.QATAYALQTLWQQFLQNT.-	22
PLOG-6256	proteomics_log	2822093	2822185	-	6	2	K.AQMIGVREETLAQHGAVSEPVVEMAIGALK.A	35
PLOG-6257	proteomics_log	2822309	2822368	-	6	3	V.MTDELMQLSEQVGQALKAR.G	24
PLOG-6258	proteomics_log	2828820	2828897	-	4	2	H.WHKIITGLPARGCWKPTSPTCIGWR.N	30
PLOG-6259	proteomics_log	2833816	2833836	-	5	2	P.GGDLAAK.Q	11
PLOG-6260	proteomics_log	2835550	2835633	-	5	3	R.RKTPPYGADVLKILQNCSGIKGIPGNIR.R	32
PLOG-6261	proteomics_log	2837032	2837115	-	5	17	K.STQTLGLVVTNTLYHGIYFSELLFHAAR.M	32
PLOG-6262	proteomics_log	2838337	2838381	-	5	3	A.EMALPIQIPIGPISR.I	19
PLOG-6263	proteomics_log	2840913	2840966	-	4	4	N.WVVIDGGSAPENDIVAIR.E	22
PLOG-6264	proteomics_log	2846112	2846174	-	4	2	K.KM*PVISIAMLVGLM*AM*AALPP.L	28
PLOG-6265	proteomics_log	2854595	2854639	-	6	19	H.CYQPAKREEMKQIMR.W	19
PLOG-6266	proteomics_log	2856312	2856335	-	4	14	L.QQIAQLGK.L	12
PLOG-6267	proteomics_log	2864878	2864919	-	5	4	R.ITSVDTPLGGDSEK.A	18
PLOG-6268	proteomics_log	2865187	2865237	-	5	23	R.GLALLDLIEEENLGLIR.A	21
PLOG-6269	proteomics_log	2865331	2865414	-	5	13	R.VLDATQLYLGEIGYSPLLTAEVYFAR.R	32
PLOG-6270	proteomics_log	2865415	2865489	-	5	3	K.ALVEQEPSDNDLAEELLSQGATQR.V	29
PLOG-6271	proteomics_log	2867781	2867834	-	4	3	R.ILNINVPDLPLDQIKGIR.V	22
PLOG-6272	proteomics_log	2868454	2868519	-	5	13	R.EALAFEQAAVAETELQALLVR.E	26
PLOG-6273	proteomics_log	2869491	2869541	-	4	12	K.GYTLGNVDVTIIAQPK.M	21
PLOG-6274	proteomics_log	2869581	2869715	-	4	16	K.GLLAHSDDGVALHALTDALLGAAALGDIGKLPDTPAFKADSR.E	49
PLOG-6275	proteomics_log	2869596	2869715	-	4	22	K.GLLAHSDDGVALHALTDALLGAAALGDIGKLPDTPAFK.G	44
PLOG-6276	proteomics_log	2869626	2869715	-	4	22	K.GLLAHSDDGVALHALTDALLGAAALGDIGK.L	34
PLOG-6277	proteomics_log	2869632	2869730	-	4	2	R.IPYEKGLLAHSDDGVALHALTDALLGAAALGDI.G	37
PLOG-6278	proteomics_log	2869716	2869796	-	4	2	R.IGHGFDVHAFGGEGPIIIGGVRIPYEK.G	31
PLOG-6279	proteomics_log	2869716	2869802	-	4	2	I.M*RIGHGFDVHAFGGEGPIIIGGVRIPYEK.G	34
PLOG-6280	proteomics_log	2869716	2869802	-	4	2	I.M*RIGHGFDVHAFGGEGPIIIGGVRIPYEK.G	34
PLOG-6281	proteomics_log	2869731	2869796	-	4	7	R.IGHGFDVHAFGGEGPIIIGGVR.I	26
PLOG-6282	proteomics_log	2869826	2869888	-	6	8	R.ADNIKVTRPEDLALAEFYLR.T	25
PLOG-6283	proteomics_log	2871412	2871543	-	5	3	R.NFTGIDSVYEAPESAEIHLNQEQLVTNLVQQLLDLLR.Q	48
PLOG-6284	proteomics_log	2871433	2871522	-	5	17	S.VYEAPESAEIHLNQEQLVTNLVQQLLDLLR.Q	34
PLOG-6285	proteomics_log	2871433	2871540	-	5	16	N.FTGIDSVYEAPESAEIHLNQEQLVTNLVQQLLDLLR.Q	40
PLOG-6286	proteomics_log	2871433	2871543	-	5	28	R.NFTGIDSVYEAPESAEIHLNQEQLVTNLVQQLLDLLR.Q	41
PLOG-6287	proteomics_log	2871670	2871750	-	5	27	R.VGEVANLMVEAGLVVLTAFISPHRAER.Q	31
PLOG-6288	proteomics_log	2871670	2871753	-	5	2	R.RVGEVANLMVEAGLVVLTAFISPHRAER.Q	32
PLOG-6289	proteomics_log	2871679	2871750	-	5	22	R.VGEVANLMVEAGLVVLTAFISPHR.A	28
PLOG-6290	proteomics_log	2871679	2871753	-	5	3	R.RVGEVANLMVEAGLVVLTAFISPHR.A	29
PLOG-6291	proteomics_log	2871811	2871891	-	5	18	K.STVAGALEEALHKLGVSTYLLDGDNVR.H	31
PLOG-6292	proteomics_log	2871955	2872011	-	5	14	M.ALHDENVVWVHSHPVTVQQR.E	23
PLOG-6293	proteomics_log	2872059	2872172	-	4	6	R.LSNVTVGAGMVHEPVSQATAAPSEFSAFELELNLVRR.H	42
PLOG-6294	proteomics_log	2872062	2872172	-	4	3	R.LSNVTVGAGM*VHEPVSQATAAPSEFSAFELELNLVRR.R	42
PLOG-6295	proteomics_log	2872062	2872172	-	4	17	R.LSNVTVGAGMVHEPVSQATAAPSEFSAFELELNLVRR.R	41
PLOG-6296	proteomics_log	2872173	2872217	-	4	17	R.YQQNPVTGGLIFIDR.L	19
PLOG-6297	proteomics_log	2872173	2872292	-	4	9	R.EVENPLNIGLVDLTFDEPLVLDTRYQQNPVTGGLIFIDR.L	44

PLOG-6298	proteomics_log	2872218	2872292	-	4	25	R.EVENLPLNGIGLVDLTFDEPLVLDLDR.Y	29
PLOG-6299	proteomics_log	2872218	2872325	-	4	2	R.YQVDINNLTQREVENLPLNGIGLVDLTFDEPLVLDLDR.Y	40
PLOG-6300	proteomics_log	2872293	2872325	-	4	9	R.YQVDINNLTQR.E	15
PLOG-6301	proteomics_log	2872569	2872604	-	4	7	K.VLPSGVESNVAR.I	16
PLOG-6302	proteomics_log	2872569	2872610	-	4	100	R.VKVLPSPGVESNVAR.I	18
PLOG-6303	proteomics_log	2872725	2872781	-	4	4	M.PWYSGPTLLEVLLETVEIQR.V	23
PLOG-6304	proteomics_log	2872725	2872796	-	4	5	S.QSESMPWYSGPTLLEVLLETVEIQR.V	28
PLOG-6305	proteomics_log	2872725	2872838	-	4	26	R.FVPLSALEGDNVASQSESMPWYSGPTLLEVLLETVEIQR.V	42
PLOG-6306	proteomics_log	2872839	2872895	-	4	2	R.IREDYLTFFAGQLPGNLDLDR.F	23
PLOG-6307	proteomics_log	2872959	2872991	-	4	7	R.HSFISTLLGIK.H	15
PLOG-6308	proteomics_log	2873076	2873117	-	4	4	K.FIIADTPGHEQYTR.N	18
PLOG-6309	proteomics_log	2873355	2873441	-	4	30	K.MNTALAQQIANEGGVEAWMIAQQHKSLLR.F	33
PLOG-6310	proteomics_log	2873367	2873441	-	4	95	K.MNTALAQQIANEGGVEAWMIAQQHK.S	29
PLOG-6311	proteomics_log	2873458	2873502	-	5	6	R.VIDRDQAGSM*ELKKR.Q	20
PLOG-6312	proteomics_log	2873458	2873502	-	5	206	R.VIDRDQAGSMELKKR.Q	19
PLOG-6313	proteomics_log	2873464	2873502	-	5	4	R.VIDRDQAGSM*ELK.K	18
PLOG-6314	proteomics_log	2873464	2873502	-	5	11	R.VIDRDQAGSMELK.K	17
PLOG-6315	proteomics_log	2873626	2873694	-	5	22	R.DGMLMMIDDNRIDLQPGEVIKKR.M	27
PLOG-6316	proteomics_log	2873632	2873694	-	5	2	R.DGMLMMIDDNRIDLQPGEVIK.K	25
PLOG-6317	proteomics_log	2873662	2873694	-	5	4	R.DGM*LM*M*IDDNR.I	18
PLOG-6318	proteomics_log	2873695	2873805	-	5	17	R.VFPLSNWTEQDIWQYIWLENIDIVPLYLAAERPVLDR.D	41
PLOG-6319	proteomics_log	2873944	2873976	-	5	3	K.YGFDAAFGGAR.R	15
PLOG-6320	proteomics_log	2873944	2874006	-	5	5	K.TEGLKQALNKYGFDAAFGGAR.R	25
PLOG-6321	proteomics_log	2873944	2874024	-	5	8	K.HTDIM*KTEGLKQALNKYGFDAAFGGAR.R	32
PLOG-6322	proteomics_log	2873944	2874024	-	5	12	K.HTDIMKTEGLKQALNKYGFDAAFGGAR.R	31
PLOG-6323	proteomics_log	2874142	2874207	-	5	32	R.KAFYPGTLPFLLHVDTGWKFR.E	26
PLOG-6324	proteomics_log	2874148	2874207	-	5	45	R.KAFYPGTLPFLLHVDTGWK.F	24
PLOG-6325	proteomics_log	2874169	2874204	-	5	2	K.AFYPGTLPFLL.H	16
PLOG-6326	proteomics_log	2874208	2874237	-	5	4	K.DSSVMLHLAR.K	14
PLOG-6327	proteomics_log	2874208	2874285	-	5	8	E.VAAEFSNPVMLYSIGKDSSVMLHLAR.K	30
PLOG-6328	proteomics_log	2874208	2874288	-	5	133	R.EVAAEFSNPVMLYSIGKDSSVMLHLAR.K	31
PLOG-6329	proteomics_log	2874208	2874321	-	5	25	R.QLEAESIHIREVAAEFSNPVMLYSIGKDSSVMLHLAR.K	42
PLOG-6330	proteomics_log	2874238	2874288	-	5	24	R.EVAAEFSNPVMLYSIGK.D	21
PLOG-6331	proteomics_log	2874238	2874321	-	5	22	R.QLEAESIHIREVAAEFSNPVMLYSIGK.D	32
PLOG-6332	proteomics_log	2874289	2874321	-	5	59	R.QLEAESIHIR.E	15
PLOG-6333	proteomics_log	2874289	2874336	-	5	5	R.LTHLRQLEAESIHIR.E	20
PLOG-6334	proteomics_log	2880060	2880167	-	4	2	L.SM*SNFINIHVLISHSPSCLNRDDM*NM*QKDAIFGGKR.R	43
PLOG-6335	proteomics_log	2884236	2884277	-	4	6	R.KQRWPM*LGNULLINK.L	19
PLOG-6336	proteomics_log	2885624	2885677	-	6	4	R.KWEPGM*AEETRFFGLKR.E	23
PLOG-6337	proteomics_log	2885747	2885812	-	6	3	R.GVFKVLPIDWDNRRTIYQYLQK.H	26
PLOG-6338	proteomics_log	2885771	2885800	-	6	4	K.VLPIIDWDNR.T	14
PLOG-6339	proteomics_log	2885771	2885812	-	6	11	R.GVFKVLPIDWDNR.T	18
PLOG-6340	proteomics_log	2885813	2885842	-	6	24	R.ANLPVLAIQR.G	14
PLOG-6341	proteomics_log	2885864	2885908	-	6	4	R.ALKELNAQTWFAGLR.R	19
PLOG-6342	proteomics_log	2885909	2885944	-	6	3	K.YNDINKVEPMNR.A	16
PLOG-6343	proteomics_log	2885909	2885986	-	6	2	R.YGKLWEQGVGIEKYNDINKVEPM*NR.A	31



PLOG-6344	proteomics_log	2885909	2885986	-	6	9	R.YGKLWEQGVGEGIEKYNDINKVEPMNR.A	30
PLOG-6345	proteomics_log	2886227	2886283	-	6	46	R.ILALAETNAELEKLDAGEGR.V	23
PLOG-6346	proteomics_log	2886227	2886331	-	6	5	M.SKLDLNALNELPKVDRIILALAETNAELEKLDAGEGR.V	39
PLOG-6347	proteomics_log	2886284	2886331	-	6	118	M.SKLDLNALNELPKVDR.I	20
PLOG-6348	proteomics_log	2886412	2886459	-	5	2	R.AGIIRPVLPDARDLWD.-	20
PLOG-6349	proteomics_log	2886424	2886459	-	5	15	R.AGIIRPVLPDARD.D	16
PLOG-6350	proteomics_log	2886460	2886495	-	5	5	R.EAGEGFGDFTVR.A	16
PLOG-6351	proteomics_log	2886460	2886501	-	5	2	K.EREAGEGFGDFTVR.A	18
PLOG-6352	proteomics_log	2886496	2886573	-	5	13	R.MYKENITEPEILASLDELIGRWAKER.E	30
PLOG-6353	proteomics_log	2886502	2886573	-	5	50	R.MYKENITEPEILASLDELIGRWAK.E	28
PLOG-6354	proteomics_log	2886511	2886564	-	5	2	K.ENITEPEILASLDELIGR.W	22
PLOG-6355	proteomics_log	2886511	2886573	-	5	10	R.M*YKENITEPEILASLDELIGR.W	26
PLOG-6356	proteomics_log	2886511	2886573	-	5	110	R.MYKENITEPEILASLDELIGR.W	25
PLOG-6357	proteomics_log	2886595	2886666	-	5	6	R.AM*LAEVGLVGKAPGRYNLHLGGNR.I	29
PLOG-6358	proteomics_log	2886595	2886666	-	5	41	R.AMLAEVGLVGKAPGRYNLHLGGNR.I	28
PLOG-6359	proteomics_log	2886634	2886666	-	5	5	R.AMLAEVGLVGK.A	15
PLOG-6360	proteomics_log	2886697	2886729	-	5	9	K.HGVSDEHIVM*R.V	16
PLOG-6361	proteomics_log	2886697	2886729	-	5	126	K.HGVSDEHIVMR.V	15
PLOG-6362	proteomics_log	2886697	2886774	-	5	5	R.FLPSFIDNIDNLMAKHGVSDEHIVMR.V	30
PLOG-6363	proteomics_log	2886730	2886768	-	5	2	L.PSFIDNIDNLMAK.H	17
PLOG-6364	proteomics_log	2886730	2886774	-	5	46	R.FLPSFIDNIDNLM*AK.H	20
PLOG-6365	proteomics_log	2886730	2886774	-	5	280	R.FLPSFIDNIDNLMAK.H	19
PLOG-6366	proteomics_log	2886730	2886798	-	5	29	P.LAMAEAEERFLPSFIDNIDNLMAK.H	27
PLOG-6367	proteomics_log	2886874	2886948	-	5	3	R.ITANQNLIAGVPESEKAKIEKIAK.E	29
PLOG-6368	proteomics_log	2886883	2886948	-	5	21	R.ITANQNLIAGVPESEKAKIEK.I	26
PLOG-6369	proteomics_log	2886949	2887023	-	5	2	R.ILDYPARPLKTGLLEIAKIHKGDFR.I	29
PLOG-6370	proteomics_log	2886961	2887023	-	5	2	R.ILDYPARPLKTGLLEIAKIHK.G	25
PLOG-6371	proteomics_log	2886970	2887023	-	5	48	R.ILDYPARPLKTGLLEIAK.I	22
PLOG-6372	proteomics_log	2887024	2887071	-	5	9	K.GIDDNWHLTLFIENGR.I	20
PLOG-6373	proteomics_log	2887144	2887182	-	5	7	R.VGVETFKAEVERR.A	17
PLOG-6374	proteomics_log	2887147	2887182	-	5	69	R.VGVETFKAEVER.R	16
PLOG-6375	proteomics_log	2887240	2887314	-	5	122	R.TASEFGYLPLEHTLAVAEAVVTQR.D	29
PLOG-6376	proteomics_log	2887480	2887530	-	5	9	K.VATTDEEPILGQTYLPR.K	21
PLOG-6377	proteomics_log	2887480	2887563	-	5	4	R.AYAEIWLQEKVATTDEEPILGQTYLPR.K	32
PLOG-6378	proteomics_log	2887570	2887593	-	5	19	K.ISEHLLPR.T	12
PLOG-6379	proteomics_log	2887570	2887596	-	5	12	K.KISEHLLPR.T	13
PLOG-6380	proteomics_log	2887663	2887737	-	5	10	K.NVKPVHQM*LHSVGLDALATANDM*NR.N	31
PLOG-6381	proteomics_log	2887663	2887737	-	5	27	K.NVKPVHQMLHSVGLDALATANDMNR.N	29
PLOG-6382	proteomics_log	2887891	2887914	-	5	5	R.AEQKLEPR.H	12
PLOG-6383	proteomics_log	2887891	2887923	-	5	16	R.AERAEQKLEPR.H	15
PLOG-6384	proteomics_log	2887963	2888034	-	5	93	R.GTIAEDLNDGLTGGFKGDNFLLIR.F	28
PLOG-6385	proteomics_log	2887963	2888061	-	5	7	R.M*KHESNYLRGTIAEDLNDGLTGGFKGDNFLLIR.F	38
PLOG-6386	proteomics_log	2887963	2888061	-	5	26	R.MKHESNYLRGTIAEDLNDGLTGGFKGDNFLLIR.F	37
PLOG-6387	proteomics_log	2887963	2888079	-	5	4	K.LTDAERM*KHESNYLRGTIAEDLNDGLTGGFKGDNFLLIR.F	44
PLOG-6388	proteomics_log	2888062	2888118	-	5	40	M.SEKHPGPLVVEGKLTDAER.M	23
PLOG-6389	proteomics_log	2888080	2888118	-	5	38	M.SEKHPGPLVVEGK.L	17

PLOG-6390	proteomics_log	2888142	2888240	-	4	4	K.DVEQALLEVIAEFGGMDTEAADEFLSELVERR.Y	37
PLOG-6391	proteomics_log	2888142	2888249	-	4	76	R.MAKDVEQALLEVIAEFGGMDTEAADEFLSELVERR.Y	40
PLOG-6392	proteomics_log	2888145	2888240	-	4	36	K.DVEQALLEVIAEFGGMDTEAADEFLSELVER.R	36
PLOG-6393	proteomics_log	2888145	2888249	-	4	128	R.MAKDVEQALLEVIAEFGGMDTEAADEFLSELVER.R	39
PLOG-6394	proteomics_log	2888154	2888240	-	4	4	K.DVEQALLEVIAEFGGM*DTEAADEFLSEL.V	34
PLOG-6395	proteomics_log	2888154	2888240	-	4	18	K.DVEQALLEVIAEFGGMDTEAADEFLSEL.V	33
PLOG-6396	proteomics_log	2888154	2888246	-	4	2	M.AKDVEQALLEVIAEFGGMDTEAADEFLSEL.V	35
PLOG-6397	proteomics_log	2888154	2888249	-	4	2	R.M*AKDVEQALLEVIAEFGGMDTEAADEFLSEL.V	37
PLOG-6398	proteomics_log	2888154	2888249	-	4	5	R.MAKDVEQALLEVIAEFGGM*DTEAADEFLSEL.V	37
PLOG-6399	proteomics_log	2888154	2888249	-	4	2	R.M*AKDVEQALLEVIAEFGGM*DTEAADEFLSEL.V	38
PLOG-6400	proteomics_log	2888154	2888249	-	4	116	R.MAKDVEQALLEVIAEFGGMDTEAADEFLSEL.V	36
PLOG-6401	proteomics_log	2888382	2888408	-	4	13	R.YVKDGLTR.I	13
PLOG-6402	proteomics_log	2888409	2888498	-	4	41	R.AADEAPGKNWLFNGPHFTEDFLYQVEWQR.Y	34
PLOG-6403	proteomics_log	2888517	2888612	-	4	3	R.VFIEHNDNFRLPANPETPVIM*IGPGTGIAPFR.A	37
PLOG-6404	proteomics_log	2888517	2888612	-	4	40	R.VFIEHNDNFRLPANPETPVIMIGPGTGIAPFR.A	36
PLOG-6405	proteomics_log	2888613	2888669	-	4	29	R.AGGASSFLADRVEEEGEVR.V	23
PLOG-6406	proteomics_log	2888613	2888675	-	4	4	R.ARAGGASSFLADRVEEEGEVR.V	25
PLOG-6407	proteomics_log	2888676	2888762	-	4	7	R.LYSIASSQAEVENEHVTVGVVRYDVEGR.A	33
PLOG-6408	proteomics_log	2888763	2888825	-	4	8	R.FSPAQLDAEALINLLRPLTPR.L	25
PLOG-6409	proteomics_log	2888826	2888870	-	4	7	K.LQHYAATPIVDMVR.F	19
PLOG-6410	proteomics_log	2888871	2888909	-	4	8	R.SETLLPLVGDKAK.L	17
PLOG-6411	proteomics_log	2888877	2888909	-	4	7	R.SETLLPLVGDK.A	15
PLOG-6412	proteomics_log	2888910	2888999	-	4	13	K.TLPLNEALQWHFELTVNTANIVENYATLTR.S	34
PLOG-6413	proteomics_log	2889000	2889113	-	4	47	R.YQPGDALGVWYQNDPALVKELVELLWLKGDPEVTVVEGK.T	42
PLOG-6414	proteomics_log	2889114	2889149	-	4	31	R.HIEIDLGDSGMR.Y	16
PLOG-6415	proteomics_log	2889150	2889182	-	4	5	K.ITGRNSEKDVR.H	15
PLOG-6416	proteomics_log	2889183	2889221	-	4	12	K.DAPLVASLSVNQK.I	17
PLOG-6417	proteomics_log	2889222	2889296	-	4	13	R.APVAAPSQSVATGAVNEIHTSPYSK.D	29
PLOG-6418	proteomics_log	2889297	2889320	-	4	2	R.VVDALKSR.A	12
PLOG-6419	proteomics_log	2889507	2889590	-	4	2	K.LLIVTSTQGEPEPPEEVALHKFLFSK.K	32
PLOG-6420	proteomics_log	2889522	2889590	-	4	2	K.LLIVTSTQGEPEPPEEVALHK.F	27
PLOG-6421	proteomics_log	2889651	2889689	-	4	4	R.VAEALRDDLLAAK.L	17
PLOG-6422	proteomics_log	2889693	2889722	-	4	10	I.ISASQTGNAR.R	14
PLOG-6423	proteomics_log	2889861	2889917	-	4	158	M.TTQVPPSALLPLNPEQLAR.L	23
PLOG-6424	proteomics_log	2896874	2896963	-	6	4	R.SIGQFSTLYGAIEDM*VVGLEAVLADGTVTR.I	35
PLOG-6425	proteomics_log	2896874	2896963	-	6	11	R.SIGQFSTLYGAIEDMVVGLEAVLADGTVTR.I	34
PLOG-6426	proteomics_log	2896964	2897032	-	6	3	K.GYTTGHSPQSKPLAQM*GGLVATR.S	28
PLOG-6427	proteomics_log	2896964	2897032	-	6	4	K.GYTTGHSPQSKPLAQMGGVATR.S	27
PLOG-6428	proteomics_log	2897201	2897245	-	6	2	R.VLNF*NAHKINGVPR.T	20
PLOG-6429	proteomics_log	2897201	2897245	-	6	4	R.VLNFMAHKINGVPR.T	19
PLOG-6430	proteomics_log	2897246	2897272	-	6	12	K.LGSTEQVSR.V	13
PLOG-6431	proteomics_log	2897273	2897329	-	6	3	R.KFPDIHGIYTLPIPAAVK.L	23
PLOG-6432	proteomics_log	2897330	2897425	-	6	3	R.AAIVDQLKEIVGADRVIDETVLKKN SIDRFR.K	36
PLOG-6433	proteomics_log	2897351	2897425	-	6	21	R.AAIVDQLKEIVGADRVIDETVLKKN	29
PLOG-6434	proteomics_log	2897354	2897425	-	6	6	R.AAIVDQLKEIVGADRVIDETVLK.K	28
PLOG-6435	proteomics_log	2897381	2897425	-	6	25	R.AAIVDQLKEIVGADR.V	19

PLOG-6436	proteomics_log	2898122	2898199	-	6	4	Q.AFAMALAKAGANIFIPSFVKDNGETK.E	30
PLOG-6437	proteomics_log	2898176	2898238	-	6	8	K.TAIVTGGNSGLGQAFAMALAK.A	25
PLOG-6438	proteomics_log	2902889	2902948	-	6	23	R.VRDIEALDELLATLTDDKPR.V	24
PLOG-6439	proteomics_log	2904668	2904706	-	6	10	K.APYNGRKEIKGQA.-	17
PLOG-6440	proteomics_log	2904668	2904730	-	6	137	R.IEEALGEKAPYNGRKEIKGQA.-	25
PLOG-6441	proteomics_log	2904668	2904748	-	6	9	K.YNQLIRIEEALGEKAPYNGRKEIKGQA.-	31
PLOG-6442	proteomics_log	2904677	2904730	-	6	23	R.IEEALGEKAPYNGRKEIK.G	22
PLOG-6443	proteomics_log	2904686	2904730	-	6	228	R.IEEALGEKAPYNGR.K.E	19
PLOG-6444	proteomics_log	2904686	2904748	-	6	43	K.YNQLIRIEEALGEKAPYNGR.K.E	25
PLOG-6445	proteomics_log	2904686	2904757	-	6	35	R.VAKYNQLIRIEEALGEKAPYNGR.K.E	28
PLOG-6446	proteomics_log	2904689	2904730	-	6	112	R.IEEALGEKAPYNGR.K	18
PLOG-6447	proteomics_log	2904689	2904748	-	6	2	K.YNQLIRIEEALGEKAPYNGR.K	24
PLOG-6448	proteomics_log	2904695	2904730	-	6	3	R.IEEALGEKAPYNG.G	16
PLOG-6449	proteomics_log	2904707	2904727	-	6	3	I.EEALGEK.A	11
PLOG-6450	proteomics_log	2904707	2904730	-	6	49	R.IEEALGEK.A	12
PLOG-6451	proteomics_log	2904731	2904757	-	6	197	R.VAKYNQLIR.I	13
PLOG-6452	proteomics_log	2904731	2904766	-	6	131	R.SDRVAKYNQLIR.I	16
PLOG-6453	proteomics_log	2904758	2904850	-	6	20	R.SGETEDATIADLAVGTAAGQIKTGSMRSR.V	35
PLOG-6454	proteomics_log	2904767	2904811	-	6	2	A.VGTAAGQIKTGSMR.S	19
PLOG-6455	proteomics_log	2904767	2904832	-	6	3	D.ATIADLAVGTAAGQIKTGSMR.S	26
PLOG-6456	proteomics_log	2904767	2904850	-	6	110	R.SGETEDATIADLAVGTAAGQIKTGSM*SR.S	33
PLOG-6457	proteomics_log	2904767	2904850	-	6	396	R.SGETEDATIADLAVGTAAGQIKTGSMR.S	32
PLOG-6458	proteomics_log	2904767	2904883	-	6	2	K.DAGYTAVISHRSGETEDATIADLAVGTAAGQIKTGSMR.S	43
PLOG-6459	proteomics_log	2904767	2904889	-	6	44	M.AKDAGYTAVISHRSGETEDATIADLAVGTAAGQIKTGSMR.S	45
PLOG-6460	proteomics_log	2904785	2904820	-	6	4	A.DLAVGTAAGQIK.T	16
PLOG-6461	proteomics_log	2904785	2904826	-	6	3	T.IADLAVGTAAGQIK.T	18
PLOG-6462	proteomics_log	2904785	2904850	-	6	764	R.SGETEDATIADLAVGTAAGQIK.T	26
PLOG-6463	proteomics_log	2904785	2904853	-	6	2	H.RSGETEDATIADLAVGTAAGQIK.T	27
PLOG-6464	proteomics_log	2904785	2904880	-	6	206	D.AGYTAVISHRSGETEDATIADLAVGTAAGQIK.T	36
PLOG-6465	proteomics_log	2904785	2904883	-	6	22	K.DAGYTAVISHRSGETEDATIADLAVGTAAGQIK.T	37
PLOG-6466	proteomics_log	2904797	2904850	-	6	3	R.SGETEDATIADLAVGTAA.G	22
PLOG-6467	proteomics_log	2904800	2904850	-	6	4	R.SGETEDATIADLAVGTA.A	21
PLOG-6468	proteomics_log	2904803	2904850	-	6	2	R.SGETEDATIADLAVGT.A	20
PLOG-6469	proteomics_log	2904812	2904850	-	6	5	R.SGETEDATIADLA.V	17
PLOG-6470	proteomics_log	2904851	2904877	-	6	4	A.GYTAVISHR.S	13
PLOG-6471	proteomics_log	2904851	2904883	-	6	317	K.DAGYTAVISHR.S	15
PLOG-6472	proteomics_log	2904851	2904889	-	6	7	M.AKDAGYTAVISHR.S	17
PLOG-6473	proteomics_log	2904851	2904892	-	6	8	K.M*AKDAGYTAVISHR.S	19
PLOG-6474	proteomics_log	2904851	2904892	-	6	292	K.MAKDAGYTAVISHR.S	18
PLOG-6475	proteomics_log	2904851	2904937	-	6	2	K.FNQIGSLTETLAAIKMAKDAGYTAVISHR.S	33
PLOG-6476	proteomics_log	2904851	2904964	-	6	3	K.GIANSILIKFNQIGSLTETLAAIKMAKDAGYTAVISHR.S	42
PLOG-6477	proteomics_log	2904854	2904883	-	6	3	K.DAGYTAVISHR	14
PLOG-6478	proteomics_log	2904884	2904937	-	6	104	K.FNQIGSLTETLAAIKMAK.D	22
PLOG-6479	proteomics_log	2904884	2904964	-	6	9	K.GIANSILIKFNQIGSLTETLAAIKM*AK.D	32
PLOG-6480	proteomics_log	2904884	2904964	-	6	179	K.GIANSILIKFNQIGSLTETLAAIKMAK.D	31
PLOG-6481	proteomics_log	2904884	2904979	-	6	8	K.EGIEKGIANSILIKFNQIGSLTETLAAIKMAK.D	36

PLOG-6482	proteomics_log	2904884	2904988	-	6	5	K.ILKEGIEKGIANSILIKFNQIGSLTETLAAIKM*AK.D	40
PLOG-6483	proteomics_log	2904884	2904988	-	6	24	K.ILKEGIEKGIANSILIKFNQIGSLTETLAAIKMAK.D	39
PLOG-6484	proteomics_log	2904893	2904928	-	6	5	Q.IGSLTETLAAIK.M	16
PLOG-6485	proteomics_log	2904893	2904937	-	6	403	K.FNQIGSLTETLAAIK.M	19
PLOG-6486	proteomics_log	2904893	2904940	-	6	2	I.KFNQIGSLTETLAAIK.M	20
PLOG-6487	proteomics_log	2904893	2904964	-	6	809	K.GIANSILIKFNQIGSLTETLAAIK.M	28
PLOG-6488	proteomics_log	2904893	2904979	-	6	113	K.EGIEKGIANSILIKFNQIGSLTETLAAIK.M	33
PLOG-6489	proteomics_log	2904893	2904988	-	6	342	K.ILKEGIEKGIANSILIKFNQIGSLTETLAAIK.M	36
PLOG-6490	proteomics_log	2904893	2904997	-	6	5	T.NTKILKEGIEKGIANSILIKFNQIGSLTETLAAIK.M	39
PLOG-6491	proteomics_log	2904902	2904937	-	6	7	K.FNQIGSLTETLA.A	16
PLOG-6492	proteomics_log	2904902	2904988	-	6	2	K.ILKEGIEKGIANSILIKFNQIGSLTETLA.A	33
PLOG-6493	proteomics_log	2904905	2904937	-	6	8	K.FNQIGSLTETLA.A	15
PLOG-6494	proteomics_log	2904938	2904964	-	6	71	K.GIANSILIK.F	13
PLOG-6495	proteomics_log	2904938	2904979	-	6	38	K.EGIEKGIANSILIK.F	18
PLOG-6496	proteomics_log	2904938	2904988	-	6	191	K.ILKEGIEKGIANSILIK.F	21
PLOG-6497	proteomics_log	2904938	2905045	-	6	58	K.VLGDKIQLVGDDLFVTNTKILKEGIEKGIANSILIK.F	40
PLOG-6498	proteomics_log	2904965	2904988	-	6	219	K.ILKEGIEK.G	12
PLOG-6499	proteomics_log	2904965	2905045	-	6	191	K.VLGDKIQLVGDDLFVTNTKILKEGIEK.G	31
PLOG-6500	proteomics_log	2904980	2905045	-	6	86	K.VLGDKIQLVGDDLFVTNTKILK.E	26
PLOG-6501	proteomics_log	2904989	2905021	-	6	5	L.VGDDLFVTNTK.I	15
PLOG-6502	proteomics_log	2904989	2905024	-	6	23	Q.LVGDDLFVTNTK.I	16
PLOG-6503	proteomics_log	2904989	2905030	-	6	261	K.IQLVGDDLFVTNTK.I	18
PLOG-6504	proteomics_log	2904989	2905039	-	6	16	L.GDKIQLVGDDLFVTNTK.I	21
PLOG-6505	proteomics_log	2904989	2905042	-	6	6	V.LGDKIQLVGDDLFVTNTK.I	22
PLOG-6506	proteomics_log	2904989	2905045	-	6	778	K.VLGDKIQLVGDDLFVTNTK.I	23
PLOG-6507	proteomics_log	2905001	2905030	-	6	3	K.IQLVGDDLFV.T	14
PLOG-6508	proteomics_log	2905001	2905045	-	6	150	K.VLGDKIQLVGDDLFV.T	19
PLOG-6509	proteomics_log	2905046	2905099	-	6	8	S.IEDGLDESDDWGFAYQTK.V	22
PLOG-6510	proteomics_log	2905046	2905117	-	6	67	K.QYPIVSIEDGLDESDDWGFAYQTK.V	28
PLOG-6511	proteomics_log	2905046	2905165	-	6	313	K.AFTSEEFTHFLEELTKQYPIVSIEDGLDESDDWGFAYQTK.V	44
PLOG-6512	proteomics_log	2905058	2905165	-	6	20	K.AFTSEEFTHFLEELTKQYPIVSIEDGLDESDDWGFAYQTK.V	40
PLOG-6513	proteomics_log	2905118	2905156	-	6	2	T.SEEFTHFLEELTK.Q	17
PLOG-6514	proteomics_log	2905118	2905159	-	6	20	F.TSEEFTHFLEELTK.Q	18
PLOG-6515	proteomics_log	2905118	2905162	-	6	46	A.FTSEEFTHFLEELTK.Q	19
PLOG-6516	proteomics_log	2905118	2905165	-	6	351	K.AFTSEEFTHFLEELTK.Q	20
PLOG-6517	proteomics_log	2905118	2905192	-	6	14	K.YVLAGEGNKFTSEEFTHFLEELTK.Q	29
PLOG-6518	proteomics_log	2905130	2905165	-	6	7	K.AFTSEEFTHFLE.E	16
PLOG-6519	proteomics_log	2905166	2905192	-	6	121	K.YVLAGEGNK.A	13
PLOG-6520	proteomics_log	2905166	2905201	-	6	19	K.DGKYVLAGEGNK.A	16
PLOG-6521	proteomics_log	2905166	2905270	-	6	13	K.AAGYELGKDITLAMDCASEFYKDGKYVLAGEGNK.A	39
PLOG-6522	proteomics_log	2905193	2905270	-	6	8	K.AAGYELGKDITLAMDCASEFYKDGK.Y	30
PLOG-6523	proteomics_log	2905226	2905363	-	6	52	K.GMNTAVGDEGGYAPNLGSNAEALAVIAEAVKAAGYELGKDITLAMDC	50
PLOG-6524	proteomics_log	2905235	2905363	-	6	9	K.GMNTAVGDEGGYAPNLGSNAEALAVIAEAVKAAGYELGKDITLAMDC	47
PLOG-6525	proteomics_log	2905247	2905363	-	6	7	K.GM*NTAVGDEGGYAPNLGSNAEALAVIAEAVKAAGYELGK.D	44
PLOG-6526	proteomics_log	2905247	2905363	-	6	39	K.GMNTAVGDEGGYAPNLGSNAEALAVIAEAVKAAGYELGK.D	43
PLOG-6527	proteomics_log	2905262	2905363	-	6	3	K.GMNTAVGDEGGYAPNLGSNAEALAVIAEAVKAAG.Y	38

PLOG-6528	proteomics_log	2905271	2905339	-	6	2	D.EGGYAPNLGSNAEALAVIAEAVK.A	27
PLOG-6529	proteomics_log	2905271	2905351	-	6	11	T.AVGDEGGYAPNLGSNAEALAVIAEAVK.A	31
PLOG-6530	proteomics_log	2905271	2905363	-	6	183	K.GM*NTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	36
PLOG-6531	proteomics_log	2905271	2905363	-	6	410	K.GMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	35
PLOG-6532	proteomics_log	2905271	2905369	-	6	20	K.AKGM*NTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	38
PLOG-6533	proteomics_log	2905271	2905369	-	6	249	K.AKGMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	37
PLOG-6534	proteomics_log	2905271	2905378	-	6	7	K.VLKAKGMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	40
PLOG-6535	proteomics_log	2905271	2905402	-	6	2	S.EVFHHLAKVLKAKGMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	48
PLOG-6536	proteomics_log	2905280	2905363	-	6	5	K.GMNTAVGDEGGYAPNLGSNAEALAVIAE.A	32
PLOG-6537	proteomics_log	2905298	2905363	-	6	2	K.GM*NTAVGDEGGYAPNLGSNAE.A.L	27
PLOG-6538	proteomics_log	2905364	2905411	-	6	29	R.MGSEVFHHLAKVLKAK.G	20
PLOG-6539	proteomics_log	2905364	2905432	-	6	5	K.TVKEAIRMGSEVFHHLAKVLKAK.G	27
PLOG-6540	proteomics_log	2905370	2905411	-	6	2	R.MGSEVFHHLAKVLK.A	18
PLOG-6541	proteomics_log	2905379	2905405	-	6	2	G.SEVFHHLAK.V	13
PLOG-6542	proteomics_log	2905379	2905408	-	6	11	M.GSEVFHHLAK.V	14
PLOG-6543	proteomics_log	2905379	2905411	-	6	165	R.M*GSEVFHHLAK.V	16
PLOG-6544	proteomics_log	2905379	2905411	-	6	344	R.MGSEVFHHLAK.V	15
PLOG-6545	proteomics_log	2905379	2905423	-	6	3	K.EAIRM*GSEVFHHLAK.V	20
PLOG-6546	proteomics_log	2905379	2905423	-	6	54	K.EAIRMGSEVFHHLAK.V	19
PLOG-6547	proteomics_log	2905379	2905432	-	6	3	K.TVKEAIRM*GSEVFHHLAK.V	23
PLOG-6548	proteomics_log	2905379	2905432	-	6	113	K.TVKEAIRMGSEVFHHLAK.V	22
PLOG-6549	proteomics_log	2905433	2905480	-	6	4	D.NNVDIQEFMIQPVGAK.T	20
PLOG-6550	proteomics_log	2905433	2905507	-	6	43	N.IINGGEHADNNVDIQEFMIQPVGAK.T	29
PLOG-6551	proteomics_log	2905433	2905510	-	6	5	M.NIINGGEHADNNVDIQEFMIQPVGAK.T	30
PLOG-6552	proteomics_log	2905433	2905516	-	6	3	P.MMNIINGGEHADNNVDIQEFMIQPVGAK.T	32
PLOG-6553	proteomics_log	2905433	2905528	-	6	5	S.MPVPMNIINGGEHADNNVDIQEFMIQPVGAK.T	36
PLOG-6554	proteomics_log	2905433	2905531	-	6	8	Y.SMPVPMNIINGGEHADNNVDIQEFMIQPVGAK.T	37
PLOG-6555	proteomics_log	2905433	2905534	-	6	160	K.YSMPVPMNIINGGEHADNNVDIQEFMIQPVGAK.T	38
PLOG-6556	proteomics_log	2905508	2905585	-	6	2	K.GMPLYEHIAELNGTPGKYSMPVPMN.I	30
PLOG-6557	proteomics_log	2905535	2905585	-	6	43	K.GMPLYEHIAELNGTPGK.Y	21
PLOG-6558	proteomics_log	2905586	2905648	-	6	171	K.FGANAILAVSLANAKAAAAAAK.G	25
PLOG-6559	proteomics_log	2905586	2905654	-	6	22	K.SKFGANAILAVSLANAKAAAAAAK.G	27
PLOG-6560	proteomics_log	2905604	2905648	-	6	835	K.FGANAILAVSLANAK.A	19
PLOG-6561	proteomics_log	2905604	2905654	-	6	232	K.SKFGANAILAVSLANAK.A	21
PLOG-6562	proteomics_log	2905604	2905687	-	6	45	K.IMIDLDGTENKSKFGANAILAVSLANAK.A	32
PLOG-6563	proteomics_log	2905604	2905708	-	6	4	K.DQAGIDKIMIDLDGTENKSKFGANAILAVSLANAK.A	39
PLOG-6564	proteomics_log	2905649	2905687	-	6	3	K.IM*IDLDGTENKSK.F	18
PLOG-6565	proteomics_log	2905649	2905687	-	6	69	K.IMIDLDGTENKSK.F	17
PLOG-6566	proteomics_log	2905649	2905708	-	6	116	K.DQAGIDKIMIDLDGTENKSK.F	24
PLOG-6567	proteomics_log	2905649	2905717	-	6	18	K.DAKDQAGIDKIMIDLDGTENKSK.F	27
PLOG-6568	proteomics_log	2905649	2905765	-	6	5	K.AVAAVNGPIAQUALIGKDAKDQAGIDKIM*IDLDGTENKSK.F	44
PLOG-6569	proteomics_log	2905649	2905765	-	6	64	K.AVAAVNGPIAQUALIGKDAKDQAGIDKIMIDLDGTENKSK.F	43
PLOG-6570	proteomics_log	2905649	2905789	-	6	3	R.FLGKGVTKAVALAVNGPIAQUALIGKDAKDQAGIDKIM*IDLDGTENKSK.F	52
PLOG-6571	proteomics_log	2905649	2905789	-	6	3	R.FLGKGVTKAVALAVNGPIAQUALIGKDAKDQAGIDKIMIDLDGTENKSK.F	51
PLOG-6572	proteomics_log	2905655	2905687	-	6	3	K.IM*IDLDGTENK.S	16
PLOG-6573	proteomics_log	2905655	2905687	-	6	20	K.IMIDLDGTENK.S	15

PLOG-6574	proteomics_log	2905655	2905708	-	6	75	K.DQAGIDKIMIDLDGTENK.S	22
PLOG-6575	proteomics_log	2905655	2905717	-	6	17	K.DAKDQAGIDKIMIDLDGTENK.S	25
PLOG-6576	proteomics_log	2905655	2905765	-	6	47	K.AVAAVNGPIAQALIGKDAKDQAGIDKIMIDLDGTENK.S	41
PLOG-6577	proteomics_log	2905688	2905708	-	6	3	K.DQAGIDK.I	11
PLOG-6578	proteomics_log	2905688	2905717	-	6	7	K.DAKDQAGIDK.I	14
PLOG-6579	proteomics_log	2905688	2905726	-	6	4	L.IGKDAKDQAGIDK.I	17
PLOG-6580	proteomics_log	2905688	2905765	-	6	18	K.AVAAVNGPIAQALIGKDAKDQAGIDK.I	30
PLOG-6581	proteomics_log	2905688	2905789	-	6	3	R.FLGKGVTKAVAAVNGPIAQALIGKDAKDQAGIDK.I	38
PLOG-6582	proteomics_log	2905709	2905765	-	6	140	K.AVAAVNGPIAQALIGKDAK.D	23
PLOG-6583	proteomics_log	2905709	2905789	-	6	4	R.FLGKGVTKAVAAVNGPIAQALIGKDAK.D	31
PLOG-6584	proteomics_log	2905718	2905765	-	6	105	K.AVAAVNGPIAQALIGK.D	20
PLOG-6585	proteomics_log	2905766	2905789	-	6	12	R.FLGKGVTK.A	12
PLOG-6586	proteomics_log	2905766	2905807	-	6	8	R.DGDKSRFLGKGVTK.A	18
PLOG-6587	proteomics_log	2905766	2905825	-	6	9	R.EALELRDGDKSRFLGKGVTK.A	24
PLOG-6588	proteomics_log	2905778	2905825	-	6	15	R.EALELRDGDKSRFLGK.G	20
PLOG-6589	proteomics_log	2905790	2905825	-	6	26	R.EALELRDGDKSR.F	16
PLOG-6590	proteomics_log	2905796	2905825	-	6	69	R.EALELRDGDK.S	14
PLOG-6591	proteomics_log	2905826	2905861	-	6	2	M.AAAPSGASTGSR.E	16
PLOG-6592	proteomics_log	2905826	2905870	-	6	2	F.VGMAAAPSGASTGSR.E	19
PLOG-6593	proteomics_log	2905826	2905870	-	6	2	F.VGM*AAAPSGASTGSR.E	20
PLOG-6594	proteomics_log	2905826	2905915	-	6	28	R.GNPTVEAEVHLEGGFVGM*AAAPSGASTGSR.E	35
PLOG-6595	proteomics_log	2905826	2905915	-	6	168	R.GNPTVEAEVHLEGGFVGM*AAAPSGASTGSR.E	34
PLOG-6596	proteomics_log	2905826	2905933	-	6	16	R.EIIDSRGNPTVEAEVHLEGGFVGM*AAAPSGASTGSR.E	40
PLOG-6597	proteomics_log	2905826	2905945	-	6	4	K.IIGREIIDSRGNPTVEAEVHLEGGFVGM*AAAPSGASTGSR.E	44
PLOG-6598	proteomics_log	2905916	2905945	-	6	19	K.IIGREIIDSR.G	14
PLOG-6599	proteomics_log	2905916	2905960	-	6	35	M.SKIVKIIGREIIDSR.G	19
PLOG-6600	proteomics_log	2905934	2905960	-	6	41	M.SKIVKIIGR.E	13
PLOG-6601	proteomics_log	2906054	2906086	-	6	2	K.AASEFQKRQAK.-	15
PLOG-6602	proteomics_log	2906063	2906086	-	6	2	K.AASEFQKR.Q	12
PLOG-6603	proteomics_log	2906087	2906119	-	6	61	R.DGHPLFAGFVK.A	15
PLOG-6604	proteomics_log	2906252	2906284	-	6	5	R.HRYEVNNM*LLK.Q	16
PLOG-6605	proteomics_log	2906252	2906284	-	6	6	R.HRYEVNNMLLK.Q	15
PLOG-6606	proteomics_log	2906291	2906323	-	6	61	R.QLYNAPTIVER.H	15
PLOG-6607	proteomics_log	2906324	2906368	-	6	9	R.LGAQQCQLVDDSLVR.Q	19
PLOG-6608	proteomics_log	2906369	2906401	-	6	14	R.SEKSDLGGTM*R.L	16
PLOG-6609	proteomics_log	2906369	2906401	-	6	119	R.SEKSDLGGTMR.L	15
PLOG-6610	proteomics_log	2906402	2906428	-	6	3	R.DENGNVEVR.S	13
PLOG-6611	proteomics_log	2906591	2906620	-	6	25	R.GVEGMITTAR.F	14
PLOG-6612	proteomics_log	2906591	2906680	-	6	22	R.GVEILKGLDAILVPGGFGYRGVEGMITTAR.F	34
PLOG-6613	proteomics_log	2906621	2906662	-	6	13	K.GLDAILVPGGFGYR.G	18
PLOG-6614	proteomics_log	2906621	2906680	-	6	24	R.GVEILKGLDAILVPGGFGYR.G	24
PLOG-6615	proteomics_log	2906621	2906710	-	6	6	K.LIDSQDVETR.GVEILKGLDAILVPGGFGYR.G	34
PLOG-6616	proteomics_log	2906681	2906710	-	6	46	K.LIDSQDVETR.G	14
PLOG-6617	proteomics_log	2906735	2906797	-	6	18	K.YIELPDAYKSVIEALKHGGLK.N	25
PLOG-6618	proteomics_log	2906900	2906932	-	6	2	K.SQGLDDYICKR.F	15
PLOG-6619	proteomics_log	2906933	2906989	-	6	31	K.AVISLKDVDSIYKIPGLLK.S	23

PLOG-6620	proteomics_log	2907026	2907055	-	6	2	R.SDRAVPANER.A	14
PLOG-6621	proteomics_log	2907056	2907127	-	6	2	K.TKPTQHSVKEKLLSIGIQPDILICR.S	28
PLOG-6622	proteomics_log	2907128	2907214	-	6	21	R.QMAVEIGREHTLFMHLTLVPYMAASGEVK.T	33
PLOG-6623	proteomics_log	2907215	2907310	-	6	32	R.VLEGGEHGDVVLVEIGGTVDIESLPFLEAIR.Q	36
PLOG-6624	proteomics_log	2907311	2907376	-	6	194	R.RGDYLGATVQVIPHITNAIKER.V	26
PLOG-6625	proteomics_log	2907407	2907430	-	6	48	R.RNNFTTGR.I	12
PLOG-6626	proteomics_log	2907593	2907634	-	6	158	K.GIAAASLAAILEAR.G	18
PLOG-6627	proteomics_log	2907635	2907685	-	6	57	M.TTNYIFVTGGVVSSLGK.G	21
PLOG-6628	proteomics_log	2907635	2907688	-	6	16	S.MTTNYIFVTGGVVSSLGK.G	22
PLOG-6629	proteomics_log	2908090	2908164	-	5	10	R.QAVVDQAKLEEEMGDLLFATVNLAR.H	29
PLOG-6630	proteomics_log	2913609	2913638	-	4	2	I.QNSIITLEIK.I	14
PLOG-6631	proteomics_log	2915401	2915451	-	5	3	R.GNTAARLVAQQQIM*QSL.F	22
PLOG-6632	proteomics_log	2917860	2917931	-	4	2	R.ATGLPVATNM*IATNWREM*GHAVM*L.N	31
PLOG-6633	proteomics_log	2921027	2921071	-	6	2	R.VEFSAPSGQDGEISS.-	19
PLOG-6634	proteomics_log	2921809	2921865	-	5	3	R.ALILAELEKLDALFADDAS.-	23
PLOG-6635	proteomics_log	2926673	2926714	-	6	2	K.RTM*VIPTIRISDR.I	19
PLOG-6636	proteomics_log	2930991	2931023	-	4	2	R.MILNETAWFGR.G	15
PLOG-6637	proteomics_log	2931413	2931499	-	6	3	P.QANGVSIWQPIKADRMPTRLFTIM*PFIAR.Q	34
PLOG-6638	proteomics_log	2938369	2938401	-	5	3	L.M*AQWLVNGWCR.E	16
PLOG-6639	proteomics_log	2939717	2939764	-	6	3	Q.AELGKIAAFRQWILAK.A	20
PLOG-6640	proteomics_log	2940335	2940415	-	6	2	R.SLLLTEEGQSYFLDIKEIFSQLTEATR.K	31
PLOG-6641	proteomics_log	2943352	2943432	-	5	11	R.NKIPLVTTGGAGGQIDPTQIQVTDLAK.T	31
PLOG-6642	proteomics_log	2943352	2943435	-	5	2	R.RNKIPLVTTGGAGGQIDPTQIQVTDLAK.T	32
PLOG-6643	proteomics_log	2943460	2943561	-	5	26	R.VTVVDDFVTPDNVAQYMSVGYSYVIDAIDSVRPK.A	38
PLOG-6644	proteomics_log	2944106	2944138	-	6	2	K.TAPGAGNVFSG.-	15
PLOG-6645	proteomics_log	2944934	2944984	-	6	3	R.LYGNQSNVYNAVQEWL.R.A	21
PLOG-6646	proteomics_log	2954497	2954601	-	5	13	M.NTPAQPIALCWGRSRSRGSTISCVPKNNWAM*PCLR.F	40
PLOG-6647	proteomics_log	2956763	2956792	-	6	2	D.KDNRQYQAIR.L	14
PLOG-6648	proteomics_log	2956771	2956821	-	5	2	S.RFRKPSVKVIKITASIR.L	21
PLOG-6649	proteomics_log	2963115	2963147	-	4	11	K.VLDEGTQKNDR.T	15
PLOG-6650	proteomics_log	2964627	2964683	-	4	2	R.IGIMLEVPSMVFMPLHLAK.R	23
PLOG-6651	proteomics_log	2965236	2965310	-	4	4	R.TLIVDGYRGELLVDPEPVLQEQYQR.L	29
PLOG-6652	proteomics_log	2965698	2965769	-	4	3	R.FAAGAQQETAIFDLYSHLLSDTR.L	28
PLOG-6653	proteomics_log	2970886	2970933	-	5	2	V.M*GGFFVPLNALLQER.G	21
PLOG-6654	proteomics_log	2976772	2976810	-	5	2	R.RQIAALKQFDVVR.F	17
PLOG-6655	proteomics_log	2976865	2976918	-	5	2	M.PHSLFSTDTDLTAENLLR.L	22
PLOG-6656	proteomics_log	2981157	2981240	-	4	2	R.SSLVVILDWVRGWRWGWRKRAVTLALT.S	32
PLOG-6657	proteomics_log	2982511	2982546	-	5	8	R.ILVSLVHEMVKR.N	16
PLOG-6658	proteomics_log	2983117	2983227	-	5	4	R.TGAQLGNSQLVDSLVDGLWDAFNHYHIGVTAENLAR.E	41
PLOG-6659	proteomics_log	2983414	2983494	-	5	10	R.TGVPAYAVDEVILGQVLTAGAGQNP.R.Q	31
PLOG-6660	proteomics_log	3001110	3001151	-	4	20	W.RKMKGDEDFVM*LKR.H	19
PLOG-6661	proteomics_log	3009075	3009125	-	4	3	S.GVIRPVITPLENSNMR.F	21
PLOG-6662	proteomics_log	3011236	3011292	-	5	4	E.GVTARLATSSAEAMKLT.R.G	23
PLOG-6663	proteomics_log	3012169	3012219	-	5	2	N.CPFAMAQIVDSRGSTPR.H	21
PLOG-6664	proteomics_log	3012624	3012701	-	4	2	R.GMPLKAPDEHEPCIPKSSCCVIAVMG.G	30
PLOG-6665	proteomics_log	3015195	3015254	-	4	3	R.FQQVGCHSNRANTCIKNIAD.S	24

PLOG-6666	proteomics_log	3018113	3018187	-	6	3	Q.RTTRIAMFKEGKFHLFKHVRTNAVR.S	29
PLOG-6667	proteomics_log	3031306	3031362	-	5	2	R.NFHAKLITATADHCVFVAF.S	23
PLOG-6668	proteomics_log	3031682	3031753	-	6	5	R.M*VM*LFTNSHTIRDVILFPAM*RPVK.-	31
PLOG-6669	proteomics_log	3031682	3031753	-	6	41	R.MVMLFTNSHTIRDVILFPAMRPVK.-	28
PLOG-6670	proteomics_log	3031754	3031855	-	6	10	K.DAGDDEAMFYDEYVTALEHGLPPTAGLGIGIDR.M	38
PLOG-6671	proteomics_log	3031754	3031879	-	6	2	R.FLDQVAAKDAGDDEAM*FYDEYVTALEHGLPPTAGLGIGIDR.M	47
PLOG-6672	proteomics_log	3031856	3031879	-	6	18	R.FLDQVAAK.D	12
PLOG-6673	proteomics_log	3031856	3031933	-	6	7	R.EIGNGFSELNDAEDQAQRFLDQVAAK.D	30
PLOG-6674	proteomics_log	3031880	3031933	-	6	22	R.EIGNGFSELNDAEDQAQR.F	22
PLOG-6675	proteomics_log	3031934	3031990	-	6	29	R.RNDVNPEITDRFEFFIGGR.E	23
PLOG-6676	proteomics_log	3031934	3031990	-	6	29	R.RNDVNPEITDRFEFFIGGR.E	23
PLOG-6677	proteomics_log	3031991	3032086	-	6	135	R.IVTEIFEEVAEAHLIQPTFITEYPAEVSPLAR.R	36
PLOG-6678	proteomics_log	3032105	3032140	-	6	3	K.AIAESIGHVEK.S	16
PLOG-6679	proteomics_log	3032141	3032191	-	6	12	K.YRPETDMADLDFNFDSEK.A	21
PLOG-6680	proteomics_log	3032207	3032299	-	6	5	R.TLAQDILGKTEVYGDVTLDFGKPFKLTMR.E	35
PLOG-6681	proteomics_log	3032219	3032272	-	6	2	K.TEVYGDVTLDFGKPFK.L	22
PLOG-6682	proteomics_log	3032219	3032299	-	6	62	R.TLAQDILGKTEVYGDVTLDFGKPFK.L	31
PLOG-6683	proteomics_log	3032300	3032386	-	6	2	R.HNPEFTMMELYM*AYADYKDLIELTESLFR.T	34
PLOG-6684	proteomics_log	3032300	3032386	-	6	50	R.HNPEFTMMELYMAYADYKDLIELTESLFR.T	33
PLOG-6685	proteomics_log	3032435	3032461	-	6	11	K.RLVVGGFER.V	13
PLOG-6686	proteomics_log	3032435	3032461	-	6	11	K.RLVVGGFER.V	13
PLOG-6687	proteomics_log	3032459	3032485	-	6	6	R.IAPELYLKR.L	13
PLOG-6688	proteomics_log	3032459	3032485	-	6	6	R.IAPELYLKR.L	13
PLOG-6689	proteomics_log	3032486	3032533	-	6	5	R.PFITHHNALDLDMYLR.I	20
PLOG-6690	proteomics_log	3032486	3032533	-	6	5	R.PFITHHNALDLDMYLR.I	20
PLOG-6691	proteomics_log	3032486	3032593	-	6	8	R.GFMEVETPMMQVIPGAAARPFIHNNALDLDMYLR.I	40
PLOG-6692	proteomics_log	3032534	3032593	-	6	2	R.GFMEVETPMMQVIPGAAAR.P	24
PLOG-6693	proteomics_log	3032594	3032635	-	6	3	R.SQILSGIRQFMVNR.G	18
PLOG-6694	proteomics_log	3032636	3032686	-	6	2	R.YLDLISNDESRNTFKVR.S	21
PLOG-6695	proteomics_log	3032654	3032686	-	6	14	R.YLDLISNDESR.N	15
PLOG-6696	proteomics_log	3032699	3032752	-	6	86	K.ALRLPDKFHGLQDQEAR.Y	22
PLOG-6697	proteomics_log	3032699	3032764	-	6	6	R.LLTALRPLPDKFHGLQDQEAR.Y	26
PLOG-6698	proteomics_log	3032822	3032851	-	6	10	K.WDLGDILGAK.G	14
PLOG-6699	proteomics_log	3032822	3032914	-	6	3	R.IQLYVARDDLPEGVYNEQFKKWDLGDILGAK.G	35
PLOG-6700	proteomics_log	3032852	3032914	-	6	2	R.IQLYVARDDLPEGVYNEQFKK.W	25
PLOG-6701	proteomics_log	3032915	3032950	-	6	91	K.ASFVTLQDVGGGR.I	16
PLOG-6702	proteomics_log	3032915	3032950	-	6	91	K.ASFVTLQDVGGGR.I	16
PLOG-6703	proteomics_log	3032978	3033070	-	6	2	R.DHTSDQLHAEFDGKENELEALNIEVAVAGR.M	35
PLOG-6704	proteomics_log	3033071	3033121	-	6	15	K.LANLREQGIAFPNDFRR.D	21
PLOG-6705	proteomics_log	3033071	3033127	-	6	5	R.EKLANLREQGIAFPNDFRR.D	23
PLOG-6706	proteomics_log	3033128	3033193	-	6	2	M.SEQHAQGADAVVDLNNELKTRR.E	26
PLOG-6707	proteomics_log	3033131	3033193	-	6	39	M.SEQHAQGADAVVDLNNELKTRR.R	25
PLOG-6708	proteomics_log	3033137	3033193	-	6	3	M.SEQHAQGADAVVDLNNELK.T	23
PLOG-6709	proteomics_log	3033209	3033274	-	6	127	R.NTQAVLDGSLDQFIEASLKAGL.-	26
PLOG-6710	proteomics_log	3033209	3033292	-	6	4	R.TGVETRNTQAVLDGSLDQFIEASLKAGL.-	32
PLOG-6711	proteomics_log	3033218	3033274	-	6	55	R.NTQAVLDGSLDQFIEASLK.A	23



PLOG-6712	proteomics_log	3033332	3033394	-	6	21	K.NAEKQAMEDNKSIDIGWGSQIR.S	25
PLOG-6713	proteomics_log	3033395	3033427	-	6	9	K.AKLYELEMQKK.N	15
PLOG-6714	proteomics_log	3033584	3033664	-	6	59	R.HTSFSSAFVYPEVDDDDIDIEINPADLR.I	31
PLOG-6715	proteomics_log	3033584	3033667	-	6	5	R.RHTSFSSAFVYPEVDDDDIDIEINPADLR.I	32
PLOG-6716	proteomics_log	3033584	3033694	-	6	2	R.KSPFDSGGRRHTSFSSAFVYPEVDDDDIDIEINPADLR.I	41
PLOG-6717	proteomics_log	3033725	3033757	-	6	13	K.ISGDYAYGWLR.T	15
PLOG-6718	proteomics_log	3033758	3033826	-	6	28	R.GFKTEIIIEESEGEVAGIKSVTIK.I	27
PLOG-6719	proteomics_log	3033773	3033826	-	6	5	R.GFKTEIIIEESEGEVAGIK.S	22
PLOG-6720	proteomics_log	3033956	3034081	-	6	9	K.QGLEDVSGLLELAVEADDEETFNEAVAELDALEEKLAQLEFR.R	46
PLOG-6721	proteomics_log	3033977	3034081	-	6	14	K.QGLEDVSGLLELAVEADDEETFNEAVAELDALEEK.L	39
PLOG-6722	proteomics_log	3034082	3034123	-	6	17	R.SSLEAVVDTLDQMK.Q	18
PLOG-6723	proteomics_log	3034124	3034204	-	6	5	R.LEEVNAELEQPDVWNEPERAQAQALGKER.S	31
PLOG-6724	proteomics_log	3034671	3034784	-	4	3	R.FGELVTEWLDPSLLQGEVSDGPLSPAEMTMEVAQLLR.D	42
PLOG-6725	proteomics_log	3035394	3035483	-	4	2	R.NIAIPNLAELLDLVALGTVADVPLDANNR.I	34
PLOG-6726	proteomics_log	3036701	3036739	-	6	3	K.SSDIQPAPVAGM*K.T	18
PLOG-6727	proteomics_log	3036701	3036739	-	6	20	K.SSDIQPAPVAGMK.T	17
PLOG-6728	proteomics_log	3036701	3036751	-	6	4	K.MGIKSSDIQPAPVAGMK.T	21
PLOG-6729	proteomics_log	3036752	3036784	-	6	77	A.DDAIQQTAK.M	15
PLOG-6730	proteomics_log	3038970	3039038	-	4	4	R.ELDISIMPFFEHEYDLSDDDEKR.I	27
PLOG-6731	proteomics_log	3043183	3043281	-	5	2	R.GGQAEVAQAIVWLLSDKASYVTGFSIDLGGK.-	37
PLOG-6732	proteomics_log	3044232	3044258	-	4	3	K.RLDDVYGDR.N	13
PLOG-6733	proteomics_log	3044259	3044312	-	4	3	R.EVAVFPAGVADKYWPTVK.R	22
PLOG-6734	proteomics_log	3044313	3044405	-	4	9	K.AGVWPLEDNPLVNAPHIQSELVAEWAHPYSR.E	35
PLOG-6735	proteomics_log	3044679	3044723	-	4	9	K.ASQVAILNANYIASR.L	19
PLOG-6736	proteomics_log	3044679	3044750	-	4	20	R.MMGAEGLKKASQVAILNANYIASR.L	28
PLOG-6737	proteomics_log	3044751	3044819	-	4	40	R.QGAVSAAPFGSASILPISWMYIR.M	27
PLOG-6738	proteomics_log	3044820	3044882	-	4	39	K.AHLAPFVPGHSVQIEGMLTR.Q	25
PLOG-6739	proteomics_log	3045594	3045680	-	4	4	R.SIQPAMLRDDEILTHPVFNRYHSEEMMR.Y	33
PLOG-6740	proteomics_log	3045621	3045680	-	4	13	R.SIQPAMLRDDEILTHPVFNRY	24
PLOG-6741	proteomics_log	3045681	3045773	-	4	2	R.ENVMQLFNVLGDNHGLDIDTLDKDVAHDSR.S	35
PLOG-6742	proteomics_log	3045774	3045824	-	4	3	R.SDILNAVGITLDETTTR.E	21
PLOG-6743	proteomics_log	3045930	3045965	-	4	2	R.LTDILAAGLQQK.G	16
PLOG-6744	proteomics_log	3045930	3045974	-	4	2	R.IHRLTDILAAGLQQK.G	19
PLOG-6745	proteomics_log	3045930	3045986	-	4	2	R.IANRIHRLTDILAAGLQQK.G	23
PLOG-6746	proteomics_log	3046119	3046145	-	4	2	K.DAAGNTALR.M	13
PLOG-6747	proteomics_log	3046119	3046163	-	4	71	R.IIGVSKDAAGNTALR.M	19
PLOG-6748	proteomics_log	3046119	3046178	-	4	20	R.SMPGRIIGVSKDAAGNTALR.M	24
PLOG-6749	proteomics_log	3046248	3046346	-	4	3	R.KIVVVAADIMALVLLTAPGKQGADIVFGSAQR.F	37
PLOG-6750	proteomics_log	3046500	3046559	-	4	3	K.NANRFFVASDVHPQTLDVVR.T	24
PLOG-6751	proteomics_log	3046500	3046565	-	4	2	K.LKANRFFVASDVHPQTLDVVR.T	26
PLOG-6752	proteomics_log	3046578	3046694	-	4	2	R.LEALLNFQQVTLDTGLDMASASLLDEATAAAEAMAMAK.R	43
PLOG-6753	proteomics_log	3046764	3046823	-	4	15	R.FTSYIGMPTYAVQLPPVILR.N	24
PLOG-6754	proteomics_log	3046848	3046919	-	4	26	K.DIQLATPPQVGAPATEYAALAELK.A	28
PLOG-6755	proteomics_log	3046920	3047012	-	4	25	R.HIGPDAAQQQEMLNAVGAQSLNALTGQIVPK.D	35
PLOG-6756	proteomics_log	3047013	3047060	-	4	96	M.TQTLSQLENSGAFIER.H	20
PLOG-6757	proteomics_log	3047013	3047063	-	4	6	L.MTQTLSQLENSGAFIER.H	21

PLOG-6758	proteomics_log	3047185	3047253	-	5	41	K.ASESELESLLDATAYEALLEDE.-	27
PLOG-6759	proteomics_log	3047185	3047259	-	5	28	K.IKASESELESLLDATAYEALLEDE.-	29
PLOG-6760	proteomics_log	3047616	3047654	-	4	27	R.EMPVKVTKPVFVR.N	17
PLOG-6761	proteomics_log	3047616	3047660	-	4	2	R.NREMPVKVTKPVFVR.N	19
PLOG-6762	proteomics_log	3047661	3047702	-	4	45	R.VPEGIGETAIVQIR.N	18
PLOG-6763	proteomics_log	3047703	3047792	-	4	3	R.FTDAQGNQHĒGIITSGTFSPTLGYSIAR.V	34
PLOG-6764	proteomics_log	3047703	3047822	-	4	3	K.GVLRNELPVRFTDAQGNQHĒGIITSGTFSPTLGYSIAR.V	44
PLOG-6765	proteomics_log	3047793	3047822	-	4	3	K.GVLRNELPVR.F	14
PLOG-6766	proteomics_log	3047823	3047849	-	4	19	K.LVGLVMTEK.G	13
PLOG-6767	proteomics_log	3047823	3047888	-	4	2	R.EALEVQREHGTEKLVGLVMTEK.G	26
PLOG-6768	proteomics_log	3047850	3047888	-	4	2	R.EALEVQREHGTEK.L	17
PLOG-6769	proteomics_log	3048195	3048224	-	4	42	K.AATLFNDAQR.Q	14
PLOG-6770	proteomics_log	3048336	3048443	-	4	2	K.ALYSGMLNASGGVIDDLIVYYFTEDFFRLVNSATR.E	40
PLOG-6771	proteomics_log	3048360	3048443	-	4	56	K.ALYSGMLNASGGVIDDLIVYYFTEDFFR.L	32
PLOG-6772	proteomics_log	3048453	3048488	-	4	114	R.YLLANDVAKLTK.S	16
PLOG-6773	proteomics_log	3048516	3048566	-	4	11	R.TDAGMFDVSHMTIVDLR.G	21
PLOG-6774	proteomics_log	3048567	3048638	-	4	14	R.MVDFHGWMMPLHYGSQIDEHHAVER.T	28
PLOG-6775	proteomics_log	3050233	3050256	-	5	7	T.RCRTGAAR.T	12
PLOG-6776	proteomics_log	3051648	3051743	-	4	4	R.ILEPGMVLTVEPGLYIAPDAEVPEQYRIGIR.I	36
PLOG-6777	proteomics_log	3051663	3051743	-	4	4	R.ILEPGM*VLTVEPGLYIAPDAEVPEQYR.G	32
PLOG-6778	proteomics_log	3051663	3051743	-	4	9	R.ILEPGMVLTVEPGLYIAPDAEVPEQYR.G	31
PLOG-6779	proteomics_log	3051954	3051998	-	4	3	R.EIYDIVLESLETSR.L	19
PLOG-6780	proteomics_log	3051954	3052016	-	4	2	K.FTQAQREIYDIVLESLETSR.L	25
PLOG-6781	proteomics_log	3052269	3052301	-	4	3	R.AGEITAM*AHTR.A	16
PLOG-6782	proteomics_log	3052269	3052301	-	4	20	R.AGEITAMAHTR.A	15
PLOG-6783	proteomics_log	3052269	3052304	-	4	4	R.RAGEITAM*AHTR.A	17
PLOG-6784	proteomics_log	3052269	3052304	-	4	10	R.RAGEITAMAHTR.A	16
PLOG-6785	proteomics_log	3052302	3052340	-	4	3	R.LFKSPEEIAVLR.A	17
PLOG-6786	proteomics_log	3052305	3052340	-	4	8	R.LFKSPEEIAVLR.R	16
PLOG-6787	proteomics_log	3052413	3052541	-	4	4	R.ALAFSEINQQLYQLLNGLDVVYHAQGEYADVIVNSALEKLR.K	47
PLOG-6788	proteomics_log	3052542	3052583	-	4	4	R.LGQDAAPEKLGVD.R.A	18
PLOG-6789	proteomics_log	3052542	3052586	-	4	5	R.RLGQDAAPEKLGVD.R.A	19
PLOG-6790	proteomics_log	3052557	3052583	-	4	4	R.LGQDAAPEK.L	13
PLOG-6791	proteomics_log	3052584	3052622	-	4	2	R.VRDLTAEIWFGR.R.L	17
PLOG-6792	proteomics_log	3052623	3052661	-	4	2	K.SDDTHNHVSVLFNR.V	17
PLOG-6793	proteomics_log	3052662	3052727	-	4	6	R.QNSDFWYFTGFNEPEAVLVLIK.S	26
PLOG-6794	proteomics_log	3052755	3052823	-	4	2	R.QALVEQM*QPGSAALIFAAPVTR.S	28
PLOG-6795	proteomics_log	3052755	3052823	-	4	32	R.QALVEQM*QPGSAALIFAAPVTR.S	27
PLOG-6796	proteomics_log	3052755	3052829	-	4	2	R.RRQALVEQM*QPGSAALIFAAPVTR.S	29
PLOG-6797	proteomics_log	3052830	3052859	-	4	10	M.SEISRQEFQR.R	14
PLOG-6798	proteomics_log	3052969	3053052	-	5	7	R.NIAQLGYDEDEDQEELEMSLEEIEYVR.V	32
PLOG-6799	proteomics_log	3053101	3053163	-	5	3	R.ADALAGWVNHFLGLGVTQPK.L	25
PLOG-6800	proteomics_log	3055212	3055256	-	4	4	K.ALQAMKAIPGTIRAR.L	19
PLOG-6801	proteomics_log	3055218	3055256	-	4	4	K.ALQAMKAIPGTIR.A	17
PLOG-6802	proteomics_log	3055239	3055364	-	4	4	K.IFAEQGVNIAAQYLQTSAQMGYVVIDIEADEDVAEKALQAMK.A	46
PLOG-6803	proteomics_log	3055257	3055364	-	4	12	K.IFAEQGVNIAAQYLQTSAQMGYVVIDIEADEDVAEK.A	40

PLOG-6804	proteomics_log	3055284	3055415	-	4	3	R.LMHIHENRPGVLTALNKIFAEQGVNIAAQYLQTS AQMGYVVIDI.E	48
PLOG-6805	proteomics_log	3055338	3055415	-	4	14	R.LMHIHENRPGVLTALNKIFAEQGVNI.A	30
PLOG-6806	proteomics_log	3055365	3055415	-	4	13	R.LM*HIHENRPGVLTALNK.I	22
PLOG-6807	proteomics_log	3055365	3055415	-	4	52	R.LMHIHENRPGVLTALNK.I	21
PLOG-6808	proteomics_log	3055365	3055418	-	4	10	R.RLMHIHENRPGVLTALNK.I	22
PLOG-6809	proteomics_log	3055416	3055487	-	4	2	Y.SDNGSTLSAVNFPEVSLPLHGGR.R	28
PLOG-6810	proteomics_log	3055416	3055490	-	4	148	K.YSDNGSTLSAVNFPEVSLPLHGGR.R	29
PLOG-6811	proteomics_log	3055416	3055499	-	4	108	K.LIKYSDNGSTLSAVNFPEVSLPLHGGR.R	32
PLOG-6812	proteomics_log	3055419	3055490	-	4	257	K.YSDNGSTLSAVNFPEVSLPLHGGR.R	28
PLOG-6813	proteomics_log	3055419	3055499	-	4	133	K.LIKYSDNGSTLSAVNFPEVSLPLHGGR.R	31
PLOG-6814	proteomics_log	3055665	3055712	-	4	17	R.GTVVDIPALCDALASK.H	20
PLOG-6815	proteomics_log	3055713	3055745	-	4	7	M.KPGSLLINASR.G	15
PLOG-6816	proteomics_log	3055713	3055760	-	4	7	K.EISLM*KPGSLLINASR.G	21
PLOG-6817	proteomics_log	3055713	3055760	-	4	425	K.EISLMKPGSLLINASR.G	20
PLOG-6818	proteomics_log	3055713	3055778	-	4	2	K.NMMGAKEISLM*KPGSLLINASR.G	27
PLOG-6819	proteomics_log	3055713	3055778	-	4	2	K.NM*M*GAKEISLM*KPGSLLINASR.G	29
PLOG-6820	proteomics_log	3055713	3055778	-	4	4	K.NM*M*GAKEISLMKPGSLLINASR.G	28
PLOG-6821	proteomics_log	3055713	3055778	-	4	190	K.NMMGAKEISLMKPGSLLINASR.G	26
PLOG-6822	proteomics_log	3055779	3055877	-	4	16	K.LPLGNATQVQHLSDLLNMSDVVSLHVPENPSTK.N	37
PLOG-6823	proteomics_log	3055878	3055973	-	4	3	K.LGIIGYGHIGTQLGILAESLGMVYFYDIENK.L	36
PLOG-6824	proteomics_log	3055983	3056009	-	4	31	K.LAAGSFEAR.G	13
PLOG-6825	proteomics_log	3055983	3056024	-	4	228	R.GVWNKLAAGSFEAR.G	18
PLOG-6826	proteomics_log	3055983	3056033	-	4	9	K.AHRGVWNKLAAGSFEAR.G	21
PLOG-6827	proteomics_log	3056025	3056051	-	4	24	V.PEANAKAHR.G	13
PLOG-6828	proteomics_log	3056025	3056057	-	4	77	R.GVPEANAKAHR.G	15
PLOG-6829	proteomics_log	3056025	3056102	-	4	49	R.SVAELVIGELLLLLRGVPEANAKAHR.G	30
PLOG-6830	proteomics_log	3056034	3056081	-	4	2	I.GELLLLLRGVPEANAK.A	20
PLOG-6831	proteomics_log	3056034	3056102	-	4	147	R.SVAELVIGELLLLLRGVPEANAK.A	27
PLOG-6832	proteomics_log	3056034	3056141	-	4	26	R.GIPVFNAPFSNTRSVAELVIGELLLLLRGVPEANAK.A	40
PLOG-6833	proteomics_log	3056034	3056144	-	4	3	K.RGIPVFNAPFSNTRSVAELVIGELLLLLRGVPEANAK.A	41
PLOG-6834	proteomics_log	3056058	3056102	-	4	459	R.SVAELVIGELLLLLR.G	19
PLOG-6835	proteomics_log	3056058	3056141	-	4	10	R.GIPVFNAPFSNTRSVAELVIGELLLLLR.G	32
PLOG-6836	proteomics_log	3056067	3056102	-	4	30	R.SVAELVIGELL.L	16
PLOG-6837	proteomics_log	3056070	3056102	-	4	12	R.SVAELVIGELL.L	15
PLOG-6838	proteomics_log	3056103	3056135	-	4	2	I.PVFNAPFSNTR.S	15
PLOG-6839	proteomics_log	3056103	3056141	-	4	147	R.GIPVFNAPFSNTR.S	17
PLOG-6840	proteomics_log	3056103	3056144	-	4	97	K.RGIPVFNAPFSNTR.S	18
PLOG-6841	proteomics_log	3056112	3056141	-	4	2	R.GIPVFNAPFS.N	14
PLOG-6842	proteomics_log	3056208	3056246	-	4	137	R.THLTEDVINAAEK.L	17
PLOG-6843	proteomics_log	3056208	3056252	-	4	83	R.SRTHLTEDVINAAEK.L	19
PLOG-6844	proteomics_log	3056253	3056276	-	4	2	R.DAHFIGLR.S	12
PLOG-6845	proteomics_log	3056253	3056315	-	4	46	K.GALDDEQLKESIRDAHFIGLR.S	25
PLOG-6846	proteomics_log	3056253	3056348	-	4	121	R.AAGYTNIEFHKGALDDEQLKESIRDAHFIGLR.S	36
PLOG-6847	proteomics_log	3056277	3056315	-	4	17	K.GALDDEQLKESIR.D	17
PLOG-6848	proteomics_log	3056277	3056348	-	4	22	R.AAGYTNIEFHKGALDDEQLKESIR.D	28
PLOG-6849	proteomics_log	3056316	3056348	-	4	21	R.AAGYTNIEFHK.G	15

PLOG-6850	proteomics_log	3056349	3056396	-	4	11	K.FLLVEGVHQKALESLR.A	20
PLOG-6851	proteomics_log	3056349	3056429	-	4	33	M.AKVSLEKDKIKFLLVEGVHQKALESLR.A	31
PLOG-6852	proteomics_log	3056367	3056396	-	4	149	K.FLLVEGVHQK.A	14
PLOG-6853	proteomics_log	3056367	3056402	-	4	6	K.IKFLLEGVHQK.A	16
PLOG-6854	proteomics_log	3056367	3056423	-	4	4	K.VSLEKDKIKFLLVEGVHQK.A	23
PLOG-6855	proteomics_log	3056367	3056429	-	4	241	M.AKVSLEKDKIKFLLVEGVHQK.A	25
PLOG-6856	proteomics_log	3056397	3056423	-	4	5	K.VSLEKDKIK.F	13
PLOG-6857	proteomics_log	3056397	3056429	-	4	116	M.AKVSLEKDKIK.F	15
PLOG-6858	proteomics_log	3056403	3056429	-	4	19	M.AKVSLEKDK.I	13
PLOG-6859	proteomics_log	3056691	3056744	-	4	105	R.GADVALIGTPDGVKTIVK.-	22
PLOG-6860	proteomics_log	3056703	3056744	-	4	58	R.GADVALIGTPDGVK.T	18
PLOG-6861	proteomics_log	3056745	3056831	-	4	7	H.GM*EILDPIAM*ENAINAIPGVVTVGLFANR.G	35
PLOG-6862	proteomics_log	3056745	3056876	-	4	78	R.QGVVTDNGNVILDVHGMEILDPIAMENAINAIPGVVTVGLFANR.G	48
PLOG-6863	proteomics_log	3056928	3056984	-	4	3	K.QVDILGKFPLPVEVIPM*AR.S	24
PLOG-6864	proteomics_log	3056928	3056984	-	4	128	K.QVDILGKFPLPVEVIPMAR.S	23
PLOG-6865	proteomics_log	3056928	3057011	-	4	7	K.FICIADASKQVDILGKFPLPVEVIPMAR.S	32
PLOG-6866	proteomics_log	3056985	3057011	-	4	3	K.FICIADASK.Q	13
PLOG-6867	proteomics_log	3057036	3057065	-	4	4	K.GGGAALTREK.I	14
PLOG-6868	proteomics_log	3057066	3057164	-	4	10	K.SLGIHVFDLNEVDSLGIYVDGADEINGHMQMIK.G	37
PLOG-6869	proteomics_log	3057165	3057218	-	4	12	K.GQIEGAVSSSDASTEKLK.S	22
PLOG-6870	proteomics_log	3057171	3057218	-	4	16	K.GQIEGAVSSSDASTEK.L	20
PLOG-6871	proteomics_log	3057219	3057323	-	4	67	K.AVGWAALQYVQPVTIVGVGTGSTA AHFIDALGTMK.G	39
PLOG-6872	proteomics_log	3057324	3057347	-	4	3	I.M*TQDELKK.A	13
PLOG-6873	proteomics_log	3057324	3057347	-	4	60	I.MTQDELKK.A	12
PLOG-6874	proteomics_log	3064686	3064736	-	4	2	A.RVQELENLTISELPPLR.L	21
PLOG-6875	proteomics_log	3065503	3065541	-	5	3	R.YHVSNYQSPM*VR.M	18
PLOG-6876	proteomics_log	3065503	3065541	-	5	60	R.YHVSNYQSPMVR.M	17
PLOG-6877	proteomics_log	3065542	3065568	-	5	5	R.KLGPVYSVR.Y	13
PLOG-6878	proteomics_log	3065566	3065625	-	5	3	K.AAIDNAIHQAQELANGFHRK.L	24
PLOG-6879	proteomics_log	3065566	3065628	-	5	6	R.KAAIDNAIHQAQELANGFHRK.L	25
PLOG-6880	proteomics_log	3065569	3065625	-	5	2	K.AAIDNAIHQAQELANGFHR.K	23
PLOG-6881	proteomics_log	3065569	3065628	-	5	55	R.KAAIDNAIHQAQELANGFHR.K	24
PLOG-6882	proteomics_log	3065629	3065679	-	5	7	R.SVSLGVAQPDAYKDKAR.K	21
PLOG-6883	proteomics_log	3065635	3065679	-	5	3	R.SVSLGVAQPDAYKDK.A	19
PLOG-6884	proteomics_log	3065680	3065742	-	5	38	R.QLDKLNLLDGALKAGLNEIR.S	25
PLOG-6885	proteomics_log	3065680	3065763	-	5	110	R.TVEVTLRQLDKLNLLDGALKAGLNEIR.S	32
PLOG-6886	proteomics_log	3065701	3065742	-	5	17	R.QLDKLNLLDGALK.A	18
PLOG-6887	proteomics_log	3065701	3065763	-	5	26	R.TVEVTLRQLDKLNLLDGALK.A	25
PLOG-6888	proteomics_log	3065773	3065826	-	5	3	R.TQPDYDQDGKSILKGYR.A	22
PLOG-6889	proteomics_log	3065827	3065898	-	5	76	R.VAQYISFLELNQIAKKDISSANLR.T	28
PLOG-6890	proteomics_log	3065851	3065898	-	5	10	R.VAQYISFLELNQIAKK.D	20
PLOG-6891	proteomics_log	3065854	3065898	-	5	36	R.VAQYISFLELNQIAK.K	19
PLOG-6892	proteomics_log	3067116	3067157	-	4	2	R.LNELGASSINFFVR.V	18
PLOG-6893	proteomics_log	3068190	3068222	-	4	307	K.AFQELNAIDVL.-	15
PLOG-6894	proteomics_log	3068190	3068231	-	4	251	R.LEKAFQELNAIDVL.-	18
PLOG-6895	proteomics_log	3068190	3068258	-	4	2	R.AGQTSM*IARLEKAFQELNAIDVL.-	28

PLOG-6896	proteomics_log	3068190	3068258	-	4	42	R.AGQTSMIARLEKAFQELNAIDVL.-	27
PLOG-6897	proteomics_log	3068193	3068231	-	4	2	R.LEKAFQELNAIDV.L	17
PLOG-6898	proteomics_log	3068223	3068258	-	4	52	R.AGQTSMIARLEK.A	16
PLOG-6899	proteomics_log	3068223	3068270	-	4	2	R.VWLRAGQTSMIARLEK.A	20
PLOG-6900	proteomics_log	3068232	3068258	-	4	65	R.AGQTSMIAR.L	13
PLOG-6901	proteomics_log	3068232	3068258	-	4	65	R.AGQTSM*IAR.L	14
PLOG-6902	proteomics_log	3068232	3068270	-	4	2	R.VWLRAGQTSMIAR.L	17
PLOG-6903	proteomics_log	3068286	3068351	-	4	86	K.ANEAYLQGQLGNPKGEDQPNKK.Y	26
PLOG-6904	proteomics_log	3068286	3068411	-	4	2	K.MNIDTDTQWATWEGVLNYYKANEAYLQGQLGNPKGEDQPNKK.Y	46
PLOG-6905	proteomics_log	3068310	3068351	-	4	15	K.ANEAYLQGQLGNPK.G	18
PLOG-6906	proteomics_log	3068310	3068411	-	4	27	K.MNIDTDTQWATWEGVLNYYKANEAYLQGQLGNPK.G	38
PLOG-6907	proteomics_log	3068352	3068411	-	4	6	K.M*NIDTDTQWATWEGVLNYYK.A	25
PLOG-6908	proteomics_log	3068352	3068411	-	4	127	K.MNIDTDTQWATWEGVLNYYK.A	24
PLOG-6909	proteomics_log	3068412	3068438	-	4	2	K.DSVSYGVVK.M	13
PLOG-6910	proteomics_log	3068412	3068480	-	4	2	F.VFHGGSGSTAQEIKDSVSYGVVK.M	27
PLOG-6911	proteomics_log	3068412	3068510	-	4	14	K.HNLPHNSLNFVHGGSGSTAQEIKDSVSYGVVK.M	37
PLOG-6912	proteomics_log	3068412	3068537	-	4	2	R.DSQEYVSKKHNLPHNSLNFVHGGSGSTAQEIKDSVSYGVVK.M	46
PLOG-6913	proteomics_log	3068439	3068510	-	4	6	K.HNLPHNSLNFVHGGSGSTAQEIK.D	28
PLOG-6914	proteomics_log	3068439	3068513	-	4	2	K.KHNLPHNSLNFVHGGSGSTAQEIK.D	29
PLOG-6915	proteomics_log	3068511	3068537	-	4	18	R.DSQEYVSKK.H	13
PLOG-6916	proteomics_log	3068511	3068618	-	4	2	R.FTIAASFGNVHGVYKPGNVVLTPTILRDSQEYVSKK.H	40
PLOG-6917	proteomics_log	3068514	3068537	-	4	25	R.DSQEYVSK.K	12
PLOG-6918	proteomics_log	3068514	3068618	-	4	11	R.FTIAASFGNVHGVYKPGNVVLTPTILRDSQEYVSK.K	39
PLOG-6919	proteomics_log	3068538	3068618	-	4	355	R.FTIAASFGNVHGVYKPGNVVLTPTILR.D	31
PLOG-6920	proteomics_log	3068850	3068924	-	4	3	K.KLLPWIDGLLDAGEKHFAATGKPLF.S	29
PLOG-6921	proteomics_log	3068880	3068921	-	4	78	K.LLPWIDGLLDAGEK.H	18
PLOG-6922	proteomics_log	3068880	3068924	-	4	147	K.KLLPWIDGLLDAGEK.H	19
PLOG-6923	proteomics_log	3068925	3069041	-	4	2	K.SDVPQGAAILGAISSGAHHVHQM AEHYGVPVILHTDHCAK.K	43
PLOG-6924	proteomics_log	3069042	3069104	-	4	36	K.APVIVQFSNGGASFIAGKGVK.S	25
PLOG-6925	proteomics_log	3069042	3069110	-	4	141	K.VKAPVIVQFSNGGASFIAGKGVK.S	27
PLOG-6926	proteomics_log	3069051	3069104	-	4	56	K.APVIVQFSNGGASFIAGK.G	22
PLOG-6927	proteomics_log	3069051	3069110	-	4	449	K.VKAPVIVQFSNGGASFIAGK.G	24
PLOG-6928	proteomics_log	3069111	3069155	-	4	8	C.VGTDSINAVLETAAK.V	19
PLOG-6929	proteomics_log	3069111	3069188	-	4	5	K.ENNFALPAVNCVGTDSINAVLETAAK.V	30
PLOG-6930	proteomics_log	3069111	3069206	-	4	9	K.VFQVAKENNFALPAVNCVGTDSINAVLETAAK.V	36
PLOG-6931	proteomics_log	3069189	3069257	-	4	18	K.IFDFVKPGVITGDDVQKVFQVAK.E	27
PLOG-6932	proteomics_log	3069189	3069263	-	4	244	M.SKIFDFVKPGVITGDDVQKVFQVAK.E	29
PLOG-6933	proteomics_log	3069207	3069257	-	4	17	K.IFDFVKPGVITGDDVQK.V	21
PLOG-6934	proteomics_log	3069207	3069263	-	4	373	M.SKIFDFVKPGVITGDDVQK.V	23
PLOG-6935	proteomics_log	3069484	3069525	-	5	50	K.VLPVAMLEERAKK.-	18
PLOG-6936	proteomics_log	3069484	3069579	-	5	9	K.ISYISTGGGAFLEFVEGKVLPAVAMLEERAKK.-	36
PLOG-6937	proteomics_log	3069493	3069519	-	5	34	L.PAVAMLEER.A	13
PLOG-6938	proteomics_log	3069493	3069525	-	5	4	K.VLPVAM*LEER.A	16
PLOG-6939	proteomics_log	3069493	3069525	-	5	343	K.VLPVAMLEER.A	15
PLOG-6940	proteomics_log	3069493	3069579	-	5	4	K.ISYISTGGGAFLEFVEGKVLPAVAM*LEER.A	34
PLOG-6941	proteomics_log	3069493	3069579	-	5	118	K.ISYISTGGGAFLEFVEGKVLPAVAMLEER.A	33

PLOG-6942	proteomics_log	3069526	3069579	-	5	272	K.ISYISTGGGAFLEFVEGK.V	22
PLOG-6943	proteomics_log	3069580	3069684	-	5	4	K.GTEIVANAIADSEAFSIAGGGDTLAAIDLFGIADK.I	39
PLOG-6944	proteomics_log	3069580	3069687	-	5	63	R.KGTEIVANAIADSEAFSIAGGGDTLAAIDLFGIADK.I	40
PLOG-6945	proteomics_log	3069685	3069723	-	5	3	N.GPVGVFEPNFRK.G	17
PLOG-6946	proteomics_log	3069685	3069738	-	5	210	K.TILWNGPVGVFEPNFRK.G	22
PLOG-6947	proteomics_log	3069688	3069738	-	5	443	K.TILWNGPVGVFEPNFR.K	21
PLOG-6948	proteomics_log	3069694	3069738	-	5	4	K.TILWNGPVGVFEPN.F	19
PLOG-6949	proteomics_log	3069703	3069738	-	5	37	K.TILWNGPVGVFE.F	16
PLOG-6950	proteomics_log	3069739	3069810	-	5	121	K.ADEQILDIGDASAQELAEILKNAK.T	28
PLOG-6951	proteomics_log	3069739	3069828	-	5	293	K.SVNDVKADEQILDIGDASAQELAEILKNAK.T	34
PLOG-6952	proteomics_log	3069739	3069870	-	5	189	R.VATEFSETAPATLKSVDNKADEQILDIGDASAQELAEILKNAK.T	48
PLOG-6953	proteomics_log	3069748	3069810	-	5	122	K.ADEQILDIGDASAQELAEILK.N	25
PLOG-6954	proteomics_log	3069748	3069828	-	5	356	K.SVNDVKADEQILDIGDASAQELAEILK.N	31
PLOG-6955	proteomics_log	3069748	3069870	-	5	106	R.VATEFSETAPATLKSVDNKADEQILDIGDASAQELAEILK.N	45
PLOG-6956	proteomics_log	3069829	3069870	-	5	316	R.VATEFSETAPATLK.S	18
PLOG-6957	proteomics_log	3069829	3069912	-	5	10	R.LLTTCNIPVPSDVRVATEFSETAPATLK.S	32
PLOG-6958	proteomics_log	3069871	3069912	-	5	15	R.LLTTCNIPVPSDVR.V	18
PLOG-6959	proteomics_log	3069871	3069951	-	5	3	K.SLYEADLVDEAKRLLTTCNIPVPSDVR.V	31
PLOG-6960	proteomics_log	3069913	3069951	-	5	267	K.SLYEADLVDEAKR.L	17
PLOG-6961	proteomics_log	3069913	3070026	-	5	63	K.IADQLIVGGGIANTFIAAQGHVDVGKSLYEADLVDEAKR.L	42
PLOG-6962	proteomics_log	3069913	3070053	-	5	5	K.LTVLDSLSKIADQLIVGGGIANTFIAAQGHVDVGKSLYEADLVDEAKR.L	51
PLOG-6963	proteomics_log	3069916	3069951	-	5	149	K.SLYEADLVDEAKR	16
PLOG-6964	proteomics_log	3069916	3070026	-	5	2	K.IADQLIVGGGIANTFIAAQGHVDVGKSLYEADLVDEAKR	41
PLOG-6965	proteomics_log	3069952	3069981	-	5	5	F.IAAQGHVDVGK.S	14
PLOG-6966	proteomics_log	3069952	3070005	-	5	38	V.GGGIANTFIAAQGHVDVGK.S	22
PLOG-6967	proteomics_log	3069952	3070008	-	5	2	I.VGGGIANTFIAAQGHVDVGK.S	23
PLOG-6968	proteomics_log	3069952	3070020	-	5	100	A.DQLIVGGGIANTFIAAQGHVDVGK.S	27
PLOG-6969	proteomics_log	3069952	3070026	-	5	482	K.IADQLIVGGGIANTFIAAQGHVDVGK.S	29
PLOG-6970	proteomics_log	3069952	3070038	-	5	89	D.SLSKIADQLIVGGGIANTFIAAQGHVDVGK.S	33
PLOG-6971	proteomics_log	3069952	3070053	-	5	228	K.LTVLDSLSKIADQLIVGGGIANTFIAAQGHVDVGK.S	38
PLOG-6972	proteomics_log	3069952	3070065	-	5	144	K.VSTKLTVLDSLSKIADQLIVGGGIANTFIAAQGHVDVGK.S	42
PLOG-6973	proteomics_log	3070027	3070053	-	5	106	K.LTVLDSLSK.I	13
PLOG-6974	proteomics_log	3070027	3070065	-	5	139	K.VSTKLTVLDSLSK.I	17
PLOG-6975	proteomics_log	3070027	3070116	-	5	6	K.ALKEPARPM*VAIVGGSKVSTKLTVLDSLSK.I	35
PLOG-6976	proteomics_log	3070027	3070116	-	5	61	K.ALKEPARPMVAIVGGSKVSTKLTVLDSLSK.I	34
PLOG-6977	proteomics_log	3070054	3070116	-	5	15	K.ALKEPARPM*VAIVGGSKVSTK.L	26
PLOG-6978	proteomics_log	3070054	3070116	-	5	83	K.ALKEPARPMVAIVGGSKVSTK.L	25
PLOG-6979	proteomics_log	3070066	3070116	-	5	9	K.ALKEPARPM*VAIVGGSK.V	22
PLOG-6980	proteomics_log	3070066	3070116	-	5	248	K.ALKEPARPMVAIVGGSK.V	21
PLOG-6981	proteomics_log	3070102	3070206	-	5	4	R.AQASTHGIGKFADVACAGPLLAELDALGKALKEP.A	39
PLOG-6982	proteomics_log	3070117	3070158	-	5	22	C.AGPLLAAELDALGK.A	18
PLOG-6983	proteomics_log	3070117	3070176	-	5	24	K.FADVACAGPLLAELDALGK.A	24
PLOG-6984	proteomics_log	3070117	3070206	-	5	18	R.AQASTHGIGKFADVACAGPLLAELDALGK.A	34
PLOG-6985	proteomics_log	3070177	3070206	-	5	146	R.AQASTHGIGK.F	14
PLOG-6986	proteomics_log	3070177	3070260	-	5	4	K.YAALCDVFMDFGTAHRAQASTHGIGK.F	32
PLOG-6987	proteomics_log	3070207	3070260	-	5	14	K.YAALCDVFMDFGTAHR.A	22

PLOG-6988	proteomics_log	3070207	3070263	-	5	6	K.KYAALCDVFMDFGTAHR.A	23
PLOG-6989	proteomics_log	3070207	3070287	-	5	4	K.KDDETLSSKKAALCDVFMDFGTAHR.A	31
PLOG-6990	proteomics_log	3070237	3070305	-	5	14	R.FNKGEKKDDETLSSKKAALCDVF.V	27
PLOG-6991	proteomics_log	3070261	3070287	-	5	29	K.KDDETLSSK.Y	13
PLOG-6992	proteomics_log	3070261	3070305	-	5	160	R.FNKGEKKDDETLSSK.Y	19
PLOG-6993	proteomics_log	3070261	3070374	-	5	2	R.LVKDYLDGVDVAEGELVVLENVRFNKGEKKDDETLSSK.Y	42
PLOG-6994	proteomics_log	3070264	3070287	-	5	17	K.KDDETLSSK.K	12
PLOG-6995	proteomics_log	3070264	3070305	-	5	55	R.FNKGEKKDDETLSSK.K	18
PLOG-6996	proteomics_log	3070288	3070374	-	5	8	R.LVKDYLDGVDVAEGELVVLENVRFNKGEK.K	33
PLOG-6997	proteomics_log	3070306	3070353	-	5	15	D.GVDVAEGELVVLENVR.F	20
PLOG-6998	proteomics_log	3070306	3070365	-	5	63	K.DYLDGVDVAEGELVVLENVR.F	24
PLOG-6999	proteomics_log	3070306	3070374	-	5	265	R.LVKDYLDGVDVAEGELVVLENVR.F	27
PLOG-7000	proteomics_log	3070306	3070377	-	5	2	V.RLVKDYLDGVDVAEGELVVLENVR.F	28
PLOG-7001	proteomics_log	3070306	3070392	-	5	192	K.LSNPVRVLVKDYLDGVDVAEGELVVLENVR.F	33
PLOG-7002	proteomics_log	3070306	3070398	-	5	28	K.DKLSNPVRVLVKDYLDGVDVAEGELVVLENVR.F	35
PLOG-7003	proteomics_log	3070375	3070485	-	5	11	K.VM*VTSHLGRPTEGEYNEEFSLPPVVNYLKDKLSNPVR.L	42
PLOG-7004	proteomics_log	3070375	3070485	-	5	58	K.VMVTSHLGRPTEGEYNEEFSLPPVVNYLKDKLSNPVR.L	41
PLOG-7005	proteomics_log	3070393	3070485	-	5	9	K.VM*VTSHLGRPTEGEYNEEFSLPPVVNYLKDK.L	36
PLOG-7006	proteomics_log	3070393	3070485	-	5	159	K.VMVTSHLGRPTEGEYNEEFSLPPVVNYLKDK.L	35
PLOG-7007	proteomics_log	3070399	3070485	-	5	5	K.VM*VTSHLGRPTEGEYNEEFSLPPVVNYLK.D	34
PLOG-7008	proteomics_log	3070399	3070485	-	5	190	K.VMVTSHLGRPTEGEYNEEFSLPPVVNYLK.D	33
PLOG-7009	proteomics_log	3070486	3070521	-	5	28	L.PTIELALKQGAK.V	16
PLOG-7010	proteomics_log	3070486	3070530	-	5	288	R.ASLPTIELALKQGAK.V	19
PLOG-7011	proteomics_log	3070486	3070536	-	5	412	R.IRASLPTIELALKQGAK.V	21
PLOG-7012	proteomics_log	3070495	3070530	-	5	14	R.ASLPTIELALKQ.G	16
PLOG-7013	proteomics_log	3070498	3070521	-	5	2	L.PTIELALK.Q	12
PLOG-7014	proteomics_log	3070498	3070530	-	5	63	R.ASLPTIELALK.Q	15
PLOG-7015	proteomics_log	3070498	3070536	-	5	140	R.IRASLPTIELALK.Q	17
PLOG-7016	proteomics_log	3070507	3070536	-	5	2	R.IRASLPTIEL.A	14
PLOG-7017	proteomics_log	3070531	3070587	-	5	9	R.ADLNVPVKDGVKVTSDARIR.A	23
PLOG-7018	proteomics_log	3070537	3070572	-	5	5	V.PVKDGVKVTSDAR.I	16
PLOG-7019	proteomics_log	3070537	3070587	-	5	251	R.ADLNVPVKDGVKVTSDAR.I	21
PLOG-7020	proteomics_log	3070537	3070599	-	5	92	R.VFIRADLNVPVKDGVKVTSDAR.I	25
PLOG-7021	proteomics_log	3070537	3070602	-	5	7	K.RVFIRADLNVPVKDGVKVTSDAR.I	26
PLOG-7022	proteomics_log	3070555	3070587	-	5	156	R.ADLNVPVKDGK.V	15
PLOG-7023	proteomics_log	3070588	3070629	-	5	17	K.MTDLDLAGKRVFIR.A	18
PLOG-7024	proteomics_log	3070588	3070641	-	5	53	M.SVIKMTDLDLAGKRVFIR.A	22
PLOG-7025	proteomics_log	3070600	3070629	-	5	22	K.M*TDLDLAGK.R.V	15
PLOG-7026	proteomics_log	3070600	3070629	-	5	115	K.MTDLDLAGK.R.V	14
PLOG-7027	proteomics_log	3070600	3070635	-	5	2	V.IKMTDLDLAGK.R.V	16
PLOG-7028	proteomics_log	3070600	3070641	-	5	19	M.SVIKM*TDLDLAGK.R.V	19
PLOG-7029	proteomics_log	3070600	3070641	-	5	339	M.SVIKMTDLDLAGK.R.V	18
PLOG-7030	proteomics_log	3070603	3070629	-	5	102	K.MTDLDLAGK.R	13
PLOG-7031	proteomics_log	3070603	3070641	-	5	3	M.SVIKM*TDLDLAGK.R	18
PLOG-7032	proteomics_log	3070603	3070641	-	5	24	M.SVIKMTDLDLAGK.R	17
PLOG-7033	proteomics_log	3070697	3070738	-	6	9	R.MLDTTLAMATVAFR.-	18

PLOG-7034	proteomics_log	3071486	3071518	-	6	3	R.DQLFVGDDAIR.V	15
PLOG-7035	proteomics_log	3071567	3071635	-	6	3	R.RAEITTVAINELADAAGMAHLLK.Y	27
PLOG-7036	proteomics_log	3074986	3075048	-	5	2	R.WQLCAALLVLIM*PIITPRNM.F	26
PLOG-7037	proteomics_log	3075667	3075693	-	5	2	E.KAGLAIEVK.H	13
PLOG-7038	proteomics_log	3077669	3077794	-	6	6	K.YVGLNGAIVGMTTFGESAPAELLFEEFGFTVDNVVAKAKELL.-	46
PLOG-7039	proteomics_log	3077684	3077794	-	6	161	K.YVGLNGAIVGMTTFGESAPAELLFEEFGFTVDNVVAK.A	41
PLOG-7040	proteomics_log	3077795	3077833	-	6	10	R.VAVEAGIADYWYK.Y	17
PLOG-7041	proteomics_log	3077795	3077833	-	6	10	R.VAVEAGIADYWYK.Y	17
PLOG-7042	proteomics_log	3077834	3077920	-	6	3	R.VVSM*PSTDAFDKQDAAYRESVLPKAVTAR.V	34
PLOG-7043	proteomics_log	3077834	3077920	-	6	42	R.VVSM*PSTDAFDKQDAAYRESVLPKAVTAR.V	33
PLOG-7044	proteomics_log	3077867	3077920	-	6	5	R.VVSM*PSTDAFDKQDAAYR.E	22
PLOG-7045	proteomics_log	3077921	3077947	-	6	2	K.LTAEGVKAR.V	13
PLOG-7046	proteomics_log	3078026	3078052	-	6	2	E.IARGGYVLK.D	13
PLOG-7047	proteomics_log	3078026	3078052	-	6	2	E.IARGGYVLK.D	13
PLOG-7048	proteomics_log	3078044	3078073	-	6	111	R.TEEQLANIAR.G	14
PLOG-7049	proteomics_log	3078044	3078097	-	6	59	R.QNLAQQERTEEQLANIAR.G	22
PLOG-7050	proteomics_log	3078074	3078097	-	6	7	R.QNLAQQER.T	12
PLOG-7051	proteomics_log	3078098	3078130	-	6	40	R.QDGPTALILSR.Q	15
PLOG-7052	proteomics_log	3078098	3078145	-	6	32	K.YGVERQDGPTALILSR.Q	20
PLOG-7053	proteomics_log	3078209	3078295	-	6	53	R.QVMVYTHDSIGLGEDGPTHQPVEQVASLR.V	33
PLOG-7054	proteomics_log	3078296	3078319	-	6	9	R.MAALMKQR.Q	12
PLOG-7055	proteomics_log	3078296	3078331	-	6	3	R.NAVRMAALMKQR.Q	16
PLOG-7056	proteomics_log	3078302	3078427	-	6	2	R.EFGMTAIANGISLHGGFLPYTSTFLMFVEYARNAVRMAALMK.Q	46
PLOG-7057	proteomics_log	3078332	3078427	-	6	31	R.EFGMTAIANGISLHGGFLPYTSTFLMFVEYAR.N	36
PLOG-7058	proteomics_log	3078428	3078475	-	6	45	K.AINEDAAGNYIHYGVR.E	20
PLOG-7059	proteomics_log	3078476	3078580	-	6	5	K.ASQNAIEAFGPLLPEFLGGSADLAPSNLTLWWSGSK.A	39
PLOG-7060	proteomics_log	3078476	3078583	-	6	175	R.KASQNAIEAFGPLLPEFLGGSADLAPSNLTLWWSGSK.A	40
PLOG-7061	proteomics_log	3078584	3078616	-	6	88	K.LQANPAKIASR.K	15
PLOG-7062	proteomics_log	3078584	3078637	-	6	4	K.AKEFIAKLQANPAKIASR.K	22
PLOG-7063	proteomics_log	3078584	3078673	-	6	2	R.MKGEMPSDFDAKAKEFIAKLQANPAKIASR.K	34
PLOG-7064	proteomics_log	3078584	3078676	-	6	2	R.RMKGEMPSDFDAKAKEFIAKLQANPAKIASR.K	35
PLOG-7065	proteomics_log	3078596	3078616	-	6	17	E.LQANPAK.I	11
PLOG-7066	proteomics_log	3078596	3078616	-	6	17	E.LQANPAK.I	11
PLOG-7067	proteomics_log	3078596	3078637	-	6	10	K.AKEFIAKLQANPAK.I	18
PLOG-7068	proteomics_log	3078617	3078673	-	6	62	R.MKGEMPSDFDAKAKEFIAK.L	23
PLOG-7069	proteomics_log	3078617	3078676	-	6	32	R.RMKGEMPSDFDAKAKEFIAK.L	24
PLOG-7070	proteomics_log	3078632	3078673	-	6	2	R.M*KGEM*PSDFDAKAK.E	20
PLOG-7071	proteomics_log	3078638	3078673	-	6	2	R.M*KGEM*PSDFDAK.A	18
PLOG-7072	proteomics_log	3078638	3078673	-	6	37	R.MKGEMPSDFDAK.A	16
PLOG-7073	proteomics_log	3078638	3078676	-	6	2	R.RM*KGEM*PSDFDAK.A	19
PLOG-7074	proteomics_log	3078638	3078676	-	6	51	R.RMKGEMPSDFDAK.A	17
PLOG-7075	proteomics_log	3078677	3078703	-	6	7	Y.PQEAAEFTR.R	13
PLOG-7076	proteomics_log	3078677	3078709	-	6	112	K.AYPQEAAEFTR.R	15
PLOG-7077	proteomics_log	3078710	3078748	-	6	2	K.ESAWNEKFAAYAK.A	17
PLOG-7078	proteomics_log	3078767	3078817	-	6	85	K.YAPFEIPSEIYAQWDAK.E	21
PLOG-7079	proteomics_log	3078818	3078895	-	6	11	K.AGTHDSHGAPLGDAEIALTREQLGWK.Y	30



PLOG-7080	proteomics_log	3078836	3078895	-	6	43	K.AGTHDSHGAPLGDAEIALTR.E	24
PLOG-7081	proteomics_log	3078836	3078925	-	6	76	K.TIIGFGSPNKAGTHDSHGAPLGDAEIALTR.E	34
PLOG-7082	proteomics_log	3078896	3078925	-	6	5	K.TIIGFGSPNK.A	14
PLOG-7083	proteomics_log	3078980	3079015	-	6	26	R.DIDGHDAASIKR.A	16
PLOG-7084	proteomics_log	3078980	3079045	-	6	15	R.FEAYGWHVIRIDIDGHDAASIKR.A	26
PLOG-7085	proteomics_log	3079016	3079045	-	6	11	R.FEAYGWHVIR.D	14
PLOG-7086	proteomics_log	3079265	3079369	-	6	31	K.TPGHPEVGYTAGVETTTGPLGQGIANAVGMAIAEK.T	39
PLOG-7087	proteomics_log	3079385	3079480	-	6	29	R.FVLSNGHGSMLIYSLHLTGYDLPMEELKNFR.Q	36
PLOG-7088	proteomics_log	3079394	3079480	-	6	41	R.FVLSNGHGSMLIYSLHLTGYDLPMEELK.N	33
PLOG-7089	proteomics_log	3079520	3079588	-	6	26	K.SGHPGAPMGADIAEVLWRDFLK.H	27
PLOG-7090	proteomics_log	3079532	3079588	-	6	28	K.SGHPGAPMGADIAEVLWR.D	23
PLOG-7091	proteomics_log	3079589	3079621	-	6	25	R.ALSM*DAVQKAK.S	16
PLOG-7092	proteomics_log	3079589	3079621	-	6	96	R.ALSMDAVQKAK.S	15
PLOG-7093	proteomics_log	3079595	3079621	-	6	9	R.ALSM*DAVQK.A	14
PLOG-7094	proteomics_log	3079595	3079621	-	6	54	R.ALSMDAVQK.A	13
PLOG-7095	proteomics_log	3079595	3079621	-	6	9	R.ALSM*DAVQK.A	14
PLOG-7096	proteomics_log	3079595	3079621	-	6	54	R.ALSMDAVQK.A	13
PLOG-7097	proteomics_log	3079622	3079645	-	6	2	R.KELANAIK.A	12
PLOG-7098	proteomics_log	3079622	3079654	-	6	172	M.SSRKELANAIK.A	15
PLOG-7099	proteomics_log	3080902	3081039	-	5	6	R.GLKDLNIVGMDVVEVAPAYDQSEITALAAATLAEMLYIQAAKKGE.-	50
PLOG-7100	proteomics_log	3080911	3081039	-	5	22	R.GLKDLNIVGMDVVEVAPAYDQSEITALAAATLAEMLYIQAAK.K	47
PLOG-7101	proteomics_log	3081169	3081198	-	5	22	R.SVDDVIAQVK.Q	14
PLOG-7102	proteomics_log	3081259	3081303	-	5	6	K.EGLIDPNHSVQIGIR.T	19
PLOG-7103	proteomics_log	3081418	3081465	-	5	111	R.MLSFGGDHFVTLPLLR.A	20
PLOG-7104	proteomics_log	3081466	3081507	-	5	7	K.LQAHAEKLLAAGKR.M	18
PLOG-7105	proteomics_log	3081466	3081522	-	5	6	R.EMSEKLAHAEKLLAAGKR.M	23
PLOG-7106	proteomics_log	3081487	3081522	-	5	2	R.EM*SEKLAHAEK.L	17
PLOG-7107	proteomics_log	3081604	3081639	-	5	2	R.QVSTNLAWEHNR.F	16
PLOG-7108	proteomics_log	3081673	3081756	-	5	40	R.LPMNFQPYDSDADWVITGVPFDMATSGR.A	32
PLOG-7109	proteomics_log	3081757	3081816	-	5	94	M.STLGHQYDNSLVSNAFGFLR.L	24
PLOG-7110	proteomics_log	3082374	3082481	-	4	17	K.MYVNFSLFQSMPTAWGIDQLFPVLPLEGLDQVPERR.A	40
PLOG-7111	proteomics_log	3082494	3082529	-	4	13	R.AHRPIIDELQER.M	16
PLOG-7112	proteomics_log	3082746	3082790	-	4	4	R.NEYTVPTAPAEDAPR.A	19
PLOG-7113	proteomics_log	3083160	3083207	-	4	7	K.FGLAATQVLQLVETLR.E	20
PLOG-7114	proteomics_log	3083160	3083213	-	4	4	K.SKFGAATQVLQLVETLR.E	22
PLOG-7115	proteomics_log	3083238	3083267	-	4	4	R.ARLASQSGSK.W	14
PLOG-7116	proteomics_log	3083280	3083336	-	4	7	K.MSEIAIVLDEAERLNVVPR.L	23
PLOG-7117	proteomics_log	3083298	3083336	-	4	2	K.MSEIAIVLDEAER.L	17
PLOG-7118	proteomics_log	3083436	3083534	-	4	22	R.VIESLIHSGEPLGLEAGSKAELMAVLAHAGMTR.S	37
PLOG-7119	proteomics_log	3083436	3083537	-	4	2	R.RVIESLIHSGEPLGLEAGSKAELM*AVLAHAGM*TR.S	40
PLOG-7120	proteomics_log	3083538	3083606	-	4	6	R.ARESYGYNGDYFLVYPIKVNQHR.R	27
PLOG-7121	proteomics_log	3083703	3083726	-	4	67	R.VDLAQLVK.T	12
PLOG-7122	proteomics_log	3083823	3083873	-	4	3	R.SMQEAMSSQEASKMLR.T	21
PLOG-7123	proteomics_log	3083832	3083873	-	4	7	R.SM*QEAM*SSQEASK.M	20
PLOG-7124	proteomics_log	3083832	3083873	-	4	40	R.SMQEAMSSQEASK.M	18
PLOG-7125	proteomics_log	3097707	3097775	-	4	2	R.VLLQLALTQTKDPQIQIIFNQY.-	27

PLOG-7126	proteomics_log	3099022	3099099	-	5	2	K.SGGNPLQNVLGLSLGGLQSSIQTEWK.Q	30
PLOG-7127	proteomics_log	3099025	3099099	-	5	4	K.SGGNPLQNVLGLSLGGLQSSIQTEWK.K	29
PLOG-7128	proteomics_log	3099112	3099186	-	5	10	R.AEGQQLVNQAMGGILQDSINEMGAK.A	29
PLOG-7129	proteomics_log	3099112	3099204	-	5	35	K.AIDQVRAEGQQLVNQAMGGILQDSINEMGAK.A	35
PLOG-7130	proteomics_log	3099205	3099231	-	5	3	R.SDGLTFHYK.A	13
PLOG-7131	proteomics_log	3099247	3099288	-	5	2	R.LTKLDAQLKEQMNR.I	18
PLOG-7132	proteomics_log	3099301	3099348	-	5	11	R.IALDKIIVQEMGESSK.M	20
PLOG-7133	proteomics_log	3099520	3099558	-	5	3	R.DDVIVSPQTVQVK.G	17
PLOG-7134	proteomics_log	3100164	3100199	-	4	15	R.LGHGVWDLMFER.V	16
PLOG-7135	proteomics_log	3100377	3100409	-	4	12	R.IVQVPFAELVK.S	15
PLOG-7136	proteomics_log	3100431	3100466	-	4	18	R.MVQLFFPDPWHK.A	16
PLOG-7137	proteomics_log	3100689	3100778	-	4	36	K.QEHALENYWPVMGVEFSEDMLDFPALFGR.E	34
PLOG-7138	proteomics_log	3100689	3100787	-	4	28	R.LTKGQEHALENYWPVMGVEFSEDMLDFPALFGR.E	37
PLOG-7139	proteomics_log	3114576	3114599	-	4	2	T.EDSLKAAK.E	12
PLOG-7140	proteomics_log	3118111	3118182	-	5	2	K.FDPLSAGGTAFIAAIIISIFILGV.G	28
PLOG-7141	proteomics_log	3119680	3119754	-	5	5	K.AASDLIFLGVKQPNGYTEPLLHAWR.L	29
PLOG-7142	proteomics_log	3119932	3119970	-	5	2	K.VPDIHNVALMEDR.A	17
PLOG-7143	proteomics_log	3120328	3120366	-	5	10	R.NNVLSGLFCGLRG.K	17
PLOG-7144	proteomics_log	3120460	3120492	-	5	7	R.VAFINTGFGLDR.T	15
PLOG-7145	proteomics_log	3120460	3120498	-	5	2	R.NRVAFINTGFGLDR.T	17
PLOG-7146	proteomics_log	3120565	3120603	-	5	17	R.IETMLGMAPNTLK.M	17
PLOG-7147	proteomics_log	3120616	3120651	-	5	2	K.MHGQPQEVAFANK.L	16
PLOG-7148	proteomics_log	3120652	3120681	-	5	4	R.TGSVYIVKPK.M	14
PLOG-7149	proteomics_log	3120700	3120813	-	5	19	R.NVGHLMTIPVIWDSEGNEIPEGILDGVMGTGAIALYDLK.V	42
PLOG-7150	proteomics_log	3120832	3120894	-	5	2	R.KLNDDRHYTAADGSEISLHGR.S	25
PLOG-7151	proteomics_log	3120925	3120963	-	5	12	R.NLLGLMQGTLQEK.M	17
PLOG-7152	proteomics_log	3121717	3121773	-	5	32	R.FVDEEVLPGTGLDAAAFWR.N	23
PLOG-7153	proteomics_log	3121774	3121800	-	5	2	R.LRIDANFKR.F	13
PLOG-7154	proteomics_log	3121852	3121875	-	5	11	K.AAAAVLAK.-	12
PLOG-7155	proteomics_log	3122179	3122241	-	5	7	K.VILSQMASAIIAAGQEEAQK.N	25
PLOG-7156	proteomics_log	3122824	3122880	-	5	2	S.CQLTKQAVVARWTIILM*RR.R	24
PLOG-7157	proteomics_log	3149677	3149763	-	5	17	K.SLSLHLLNEAQNELELSEGSDDNEGIKER.T	33
PLOG-7158	proteomics_log	3149764	3149808	-	5	63	R.SLNQANDIAADFGSK.S	19
PLOG-7159	proteomics_log	3149809	3149844	-	5	7	R.LKREQQLLAEAR.S	16
PLOG-7160	proteomics_log	3153995	3154042	-	6	7	R.QQNAFCETVLNFGINR.F	20
PLOG-7161	proteomics_log	3159675	3159770	-	4	2	G.FFEPSSILVSTLVTLRPTGLLPLVTDSLPMR.L	36
PLOG-7162	proteomics_log	3159675	3159773	-	4	5	R.GFFEPSSILVSTLVTLRPTGLLPLVTDSLPMR.L	37
PLOG-7163	proteomics_log	3160769	3160819	-	6	3	K.IAELDKEVAEREAAGKV.-	21
PLOG-7164	proteomics_log	3161848	3161877	-	5	2	K.IKLRPEELQK.V	14
PLOG-7165	proteomics_log	3162001	3162042	-	5	12	R.MLMFPVSDLPQLSK.G	18
PLOG-7166	proteomics_log	3162043	3162105	-	5	12	V.M*PPVIEDASDM*LLAITQAGR.M	27
PLOG-7167	proteomics_log	3162043	3162138	-	5	4	K.ALITLPENAHVM*PPVIEDASDMLLAITQAGR.M	37
PLOG-7168	proteomics_log	3162043	3162138	-	5	106	K.ALITLPENAHVMPPVIEDASDMLLAITQAGR.M	36
PLOG-7169	proteomics_log	3162043	3162147	-	5	11	R.AGKALITLPENAHVMPPVIEDASDMLLAITQAGR.M	39
PLOG-7170	proteomics_log	3162304	3162342	-	5	7	R.SY AidPITLPSAR.G	17
PLOG-7171	proteomics_log	3162727	3162765	-	5	4	T.ETQAEAILELKL.R.H	17

PLOG-7172	proteomics_log	3163321	3163395	-	5	2	K.TTLDQLLDIVQGPDPYPTAEIITSR.A	29
PLOG-7173	proteomics_log	3163321	3163437	-	5	4	R.EVAQAIAALIDQPKTTLDQLLDIVQGPDPYPTAEIITSR.A	43
PLOG-7174	proteomics_log	3163867	3163908	-	5	2	R.ALPIFGDGLKPVQR.R	18
PLOG-7175	proteomics_log	3166086	3166169	-	4	3	H.GLYCVHCEESIMNKEESDAFM*AQVKAFR.A	33
PLOG-7176	proteomics_log	3167393	3167419	-	6	3	R.WNGVTVTPK.D	13
PLOG-7177	proteomics_log	3167420	3167461	-	6	6	K.DASGTINVDIDHKR.W	18
PLOG-7178	proteomics_log	3167420	3167488	-	6	61	R.ISDDLYVFKDASGTINVDIDHKR.W	27
PLOG-7179	proteomics_log	3167462	3167488	-	6	9	R.ISDDLYVFK.D	13
PLOG-7180	proteomics_log	3167507	3167539	-	6	26	K.SLRDDTWVTLR.G	15
PLOG-7181	proteomics_log	3167540	3167638	-	6	20	A.AEQGGFSGPSATQSQAGGFQGPNGSVTTVESAK.S	37
PLOG-7182	proteomics_log	3172285	3172365	-	5	2	K.DAFILWLNQNVQAAELLAEMAISSAQR.R	31
PLOG-7183	proteomics_log	3173450	3173539	-	6	7	R.QTVIEGGNHAFTGFEDYFNPIVDFLGLHHL.-	34
PLOG-7184	proteomics_log	3173570	3173650	-	6	8	K.VMQIDPLEAPDLIWLLQQTGDEVLDYR.Q	31
PLOG-7185	proteomics_log	3174031	3174060	-	5	2	R.FQPDASEGY.-	14
PLOG-7186	proteomics_log	3175696	3175764	-	5	10	R.GHAAVLLPFPVRDEVVLIEQIR.I	27
PLOG-7187	proteomics_log	3181862	3181906	-	6	5	K.HNMALVTIEDLVAYR.Q	19
PLOG-7188	proteomics_log	3182309	3182407	-	6	16	R.GVMVLDEDEDRENEGDMIFPAETMTVEQMALTIR.H	37
PLOG-7189	proteomics_log	3182408	3182443	-	6	9	R.VENALAALREGR.G	16
PLOG-7190	proteomics_log	3182408	3182488	-	6	133	T.MNQTLSSFGTTPFERVENALAALREGR.G	31
PLOG-7191	proteomics_log	3182417	3182443	-	6	13	R.VENALAALR.E	13
PLOG-7192	proteomics_log	3182417	3182488	-	6	2	T.M*NQTLSSFGTTPFERVENALAALR.E	29
PLOG-7193	proteomics_log	3182417	3182488	-	6	4	T.MNQTLSSFGTTPFERVENALAALR.E	28
PLOG-7194	proteomics_log	3182444	3182488	-	6	2	T.M*NQTLSSFGTTPFER.V	20
PLOG-7195	proteomics_log	3182444	3182488	-	6	83	T.MNQTLSSFGTTPFER.V	19
PLOG-7196	proteomics_log	3193483	3193518	-	5	10	R.LIAGILPDLVK.G	16
PLOG-7197	proteomics_log	3193519	3193587	-	5	2	R.MIVLGALEAVDWWVSFEEDTPQR.L	27
PLOG-7198	proteomics_log	3193588	3193629	-	5	2	R.LKGDSRPVNPQR.M	18
PLOG-7199	proteomics_log	3193630	3193668	-	5	5	R.LIVAVNSDASTKR.L	17
PLOG-7200	proteomics_log	3193630	3193683	-	5	6	R.KLGDRILIVAVNSDASTKR.L	22
PLOG-7201	proteomics_log	3193684	3193752	-	5	7	K.VVMTNGVFDILHAGHVSYLANAR.K	27
PLOG-7202	proteomics_log	3193837	3193884	-	5	46	K.LGTSTVSPIELENAVR.G	20
PLOG-7203	proteomics_log	3194080	3194121	-	5	9	K.LIADYELSALLVTR.S	18
PLOG-7204	proteomics_log	3194161	3194214	-	5	2	R.GATLLTPNLSEFEAVVGK.C	22
PLOG-7205	proteomics_log	3194161	3194220	-	5	33	R.YRGATLLTPNLSEFEAVVGK.C	24
PLOG-7206	proteomics_log	3194239	3194307	-	5	5	A.LASVQQMIQLARKAGVPVLIDPK.G	27
PLOG-7207	proteomics_log	3194272	3194313	-	5	14	K.GALASVQQMIQLAR.K	18
PLOG-7208	proteomics_log	3194272	3194367	-	5	5	R.INQALSSIGALVLSDYAKGALASVQQMIQLAR.K	36
PLOG-7209	proteomics_log	3194314	3194367	-	5	79	R.INQALSSIGALVLSDYAK.G	22
PLOG-7210	proteomics_log	3194536	3194571	-	5	39	R.LVGLTGIDDAAR.A	16
PLOG-7211	proteomics_log	3194572	3194649	-	5	8	K.VNTIEERPGGAANVAMNIASLGANAR.L	30
PLOG-7212	proteomics_log	3194572	3194682	-	5	2	R.ISPEAPVPVVKVNTIEERPGGAANVAMNIASLGANAR.L	41
PLOG-7213	proteomics_log	3194683	3194745	-	5	3	R.AGVMVGDVMLDRYWYGPTSR.I	25
PLOG-7214	proteomics_log	3194746	3194775	-	5	3	G.MKVTLPEFER.A	14
PLOG-7215	proteomics_log	3195336	3195413	-	4	4	E.VDARLRPSGAAGM*LVTSAEAFADYQK.N	31
PLOG-7216	proteomics_log	3197758	3197865	-	5	5	R.DIDSILLLAGYDPPVVAQAWLENWQGLHHAIIATGQR.I	40
PLOG-7217	proteomics_log	3198253	3198333	-	5	10	K.ADVEQGLEAALELALAQQWQYHEELWVR.G	31

PLOG-7218	proteomics_log	3206021	3206128	-	6	4	S.PAGTGSRAIMAMTASGARYRHHSVEGFIVLCLRKR.R.G	40
PLOG-7219	proteomics_log	3207816	3207854	-	4	2	R.AFEDAVVDTLMIK.C	17
PLOG-7220	proteomics_log	3208011	3208052	-	4	11	K.LGLDYPGGPLLSK.M	18
PLOG-7221	proteomics_log	3212998	3213057	-	5	5	R.VSLEKLVEAYRELDQALVVR.G	24
PLOG-7222	proteomics_log	3213776	3213814	-	6	2	R.RFEAEQYDPQVR.A	17
PLOG-7223	proteomics_log	3213836	3213895	-	6	8	R.LAQMQUIPADDYFIWITGEGK.V	24
PLOG-7224	proteomics_log	3214129	3214167	-	5	2	R.CRRNRRAINLRWQV.R	17
PLOG-7225	proteomics_log	3214370	3214411	-	6	95	R.IVLGGEALDGFTSR.G	18
PLOG-7226	proteomics_log	3214442	3214465	-	6	3	R.FRELTVLR.V	12
PLOG-7227	proteomics_log	3214478	3214537	-	6	2	L.ITITKAITMNNTPRYPQVR.N	24
PLOG-7228	proteomics_log	3215310	3215375	-	4	2	M.IFFICASLISLWLRKSSTALK.L	26
PLOG-7229	proteomics_log	3215704	3215778	-	5	4	K.NVTQLIAQISHSTLEQADGLSSLTR.A	29
PLOG-7230	proteomics_log	3215704	3215808	-	5	3	R.TMEDIVAQVKNVTVLQIAQISHSTLEQADGLSSLTR.A	39
PLOG-7231	proteomics_log	3215917	3215946	-	5	46	R.GFAVVAGEVR.N	14
PLOG-7232	proteomics_log	3215917	3215946	-	5	46	R.GFAVVAGEVR.N	14
PLOG-7233	proteomics_log	3215917	3215946	-	5	46	R.GFAVVAGEVR.N	14
PLOG-7234	proteomics_log	3215917	3215946	-	5	46	R.GFAVVAGEVR.N	14
PLOG-7235	proteomics_log	3215965	3216042	-	5	2	G.TITSLINDIAFQTNILALNAAVEAAR.A	30
PLOG-7236	proteomics_log	3215965	3216048	-	5	2	R.IGTITSLINDIAFQTNILALNAAVEAAR.A	32
PLOG-7237	proteomics_log	3219595	3219645	-	5	8	L.RALLVLYSSFSAISRMR.C	22
PLOG-7238	proteomics_log	3231855	3231911	-	4	3	R.TLMDQYGLTLDLPEIGSK.S	23
PLOG-7239	proteomics_log	3237427	3237477	-	5	3	R.DGDWNM*VEVDNQHLDTD.K	22
PLOG-7240	proteomics_log	3239915	3239974	-	6	2	K.AMPQLLEEFIDTIVEFANGK.Q	24
PLOG-7241	proteomics_log	3242713	3242763	-	5	3	K.MTPFMTEFLLDTEFAR.R	21
PLOG-7242	proteomics_log	3243966	3243989	-	4	3	P.RVKSTPGR.F	12
PLOG-7243	proteomics_log	3251571	3251615	-	4	3	R.ERPVLTVQLLDKQPR.L	19
PLOG-7244	proteomics_log	3251785	3251838	-	5	4	S.AGGGVGTAGAGAGGYCYR.A	22
PLOG-7245	proteomics_log	3251817	3251870	-	4	2	K.ANTQLAITEVLAGAWER.L	22
PLOG-7246	proteomics_log	3251958	3252011	-	4	3	R.VLLEAADKLTTDAEALAR.G	22
PLOG-7247	proteomics_log	3251958	3252017	-	4	2	R.GRVLLEAADKLTTDAEALAR.G	24
PLOG-7248	proteomics_log	3252069	3252137	-	4	7	R.VPSALSYTMQKLEEEVDVLFDR.S	27
PLOG-7249	proteomics_log	3252069	3252173	-	4	25	R.GSFAAAADELGRVPSALSYTMQKLEEEVDVLFDR.S	39
PLOG-7250	proteomics_log	3257752	3257778	-	5	16	K.LEIEIAVR.S	13
PLOG-7251	proteomics_log	3257752	3257796	-	5	4	R.LPKDVKLEIEIAVR.S	19
PLOG-7252	proteomics_log	3257779	3257796	-	5	4	R.LPKDVK.L	10
PLOG-7253	proteomics_log	3257779	3257796	-	5	4	R.LPKDVK.L	10
PLOG-7254	proteomics_log	3258467	3258499	-	6	26	K.GAVASLTSVAK.L	15
PLOG-7255	proteomics_log	3258467	3258499	-	6	26	K.GAVASLTSVAK.L	15
PLOG-7256	proteomics_log	3259361	3259387	-	6	28	R.TLVTKNSFR.F	13
PLOG-7257	proteomics_log	3259361	3259387	-	6	28	R.TLVTKNSFR.F	13
PLOG-7258	proteomics_log	3263136	3263165	-	4	19	G.KLDQYIQNRK.T	14
PLOG-7259	proteomics_log	3268692	3268796	-	4	3	V.VHQHGIDAVFSLVTSIGTLDEAFRGAYDNICRASR.N	39
PLOG-7260	proteomics_log	3269610	3269708	-	4	10	R.EIFPDAQYVSVPVADGGEGTVEAM*IAATQGAER.H	38
PLOG-7261	proteomics_log	3276073	3276105	-	5	4	R.GVSTHNEDEAR.L	15
PLOG-7262	proteomics_log	3280474	3280545	-	5	2	R.QLAIM*VVM*LLVIAKPRSCVSAGIS.R	30
PLOG-7263	proteomics_log	3288385	3288432	-	5	3	R.YSCFYRYCPNSLAANR.R	20

PLOG-7264	proteomics_log	3290575	3290613	-	5	7	R.TLALLQAEPLKK.A	17
PLOG-7265	proteomics_log	3290788	3290835	-	5	48	R.LLDSLEDIVAVLGESR.Y	20
PLOG-7266	proteomics_log	3290788	3290865	-	5	29	R.TLIFYESTHRLDSELEDIVAVLGESR.Y	30
PLOG-7267	proteomics_log	3291175	3291267	-	5	6	R.ALEVLQAVDLIAAEDTRHTGLLLQHFGINAR.L	35
PLOG-7268	proteomics_log	3298280	3298345	-	6	47	R.LADDALNGVTGLVEYHEHFNR.-	26
PLOG-7269	proteomics_log	3298280	3298345	-	6	47	R.LADDALNGVTGLVEYHEHFNR.-	26
PLOG-7270	proteomics_log	3298388	3298423	-	6	4	R.FGFELAAHDLR.C	16
PLOG-7271	proteomics_log	3298721	3298780	-	6	15	T.MLIRVEIPIDAPGIDALLRR.S	24
PLOG-7272	proteomics_log	3298721	3298780	-	6	15	T.MLIRVEIPIDAPGIDALLRR.S	24
PLOG-7273	proteomics_log	3298724	3298768	-	6	19	R.VEIPIDAPGIDALLR.R	19
PLOG-7274	proteomics_log	3301593	3301670	-	4	2	R.QIADQYRRGSTGNASHIVVFCQPVAM*.I	31
PLOG-7275	proteomics_log	3302343	3302432	-	4	6	R.M*QPRLVVENLPVDHNLIGVGAQDRLQAM*T.H	36
PLOG-7276	proteomics_log	3304137	3304163	-	4	2	G.GGRGFGGER.R	13
PLOG-7277	proteomics_log	3304167	3304235	-	4	2	R.ILNKPM*NM*QLLGDAQPHTGGERR.G	29
PLOG-7278	proteomics_log	3304170	3304235	-	4	2	R.ILNKPM*NM*QLLGDAQPHTGGERR.R	28
PLOG-7279	proteomics_log	3304170	3304235	-	4	52	R.ILNKPMNMQLLGDAQPHTGGERR.R	26
PLOG-7280	proteomics_log	3304170	3304241	-	4	2	R.TRILNKPM*NM*QLLGDAQPHTGGERR.R	30
PLOG-7281	proteomics_log	3304242	3304277	-	4	2	K.GMPGEVLQHFTR.T	16
PLOG-7282	proteomics_log	3304242	3304313	-	4	2	K.LFASHSTIELPKGMPGEVLQHFTR.T	28
PLOG-7283	proteomics_log	3304242	3304313	-	4	2	K.LFASHSTIELPKGM*PGEVLQHFTR.T	29
PLOG-7284	proteomics_log	3304242	3304331	-	4	4	R.YIGNIKLFASHSTIELPKGM*PGEVLQHFTR.T	35
PLOG-7285	proteomics_log	3304278	3304313	-	4	21	K.LFASHSTIELPK.G	16
PLOG-7286	proteomics_log	3304278	3304331	-	4	11	R.YIGNIKLFASHSTIELPK.G	22
PLOG-7287	proteomics_log	3304332	3304376	-	4	53	R.HIVGAIANEGDISSR.Y	19
PLOG-7288	proteomics_log	3304413	3304439	-	4	4	R.DVGDMQLYR.I	13
PLOG-7289	proteomics_log	3304413	3304439	-	4	4	R.DVGDM*QLYR.I	14
PLOG-7290	proteomics_log	3304593	3304655	-	4	305	K.IQPTAEGEELDLETAAALLK.M	25
PLOG-7291	proteomics_log	3304593	3304670	-	4	7	R.ALLSKIQPTAEGEELDLETAAALLK.M	30
PLOG-7292	proteomics_log	3304593	3304712	-	4	5	K.VQQQLESSDLQYRALLSKIQPTAEGEELDLETAAALLK.M	44
PLOG-7293	proteomics_log	3304671	3304712	-	4	15	K.VQQQLESSDLQYR.A	18
PLOG-7294	proteomics_log	3304737	3304787	-	4	2	K.LTIPEVELPNAELLGKR.R	21
PLOG-7295	proteomics_log	3304737	3304796	-	4	55	R.TMKLTIPEVELPNAELLGKR.R	24
PLOG-7296	proteomics_log	3304740	3304787	-	4	18	K.LTIPEVELPNAELLGK.R	20
PLOG-7297	proteomics_log	3304827	3304850	-	4	7	R.ALLFVENR.E	12
PLOG-7298	proteomics_log	3304887	3304943	-	4	39	R.ISLVVNYDIPMDSSESYVHR.I	23
PLOG-7299	proteomics_log	3304962	3305012	-	4	26	R.LKDGRDLIATDVAAR.G	21
PLOG-7300	proteomics_log	3305082	3305117	-	4	8	K.NATLEVAEALER.N	16
PLOG-7301	proteomics_log	3305082	3305123	-	4	28	R.TKNATLEVAEALER.N	18
PLOG-7302	proteomics_log	3305124	3305168	-	4	25	R.FLEAEDFDAIIFVR.T	19
PLOG-7303	proteomics_log	3305190	3305255	-	4	3	R.IQSSVTTRPDISQSYWTVWGMR.K	26
PLOG-7304	proteomics_log	3305295	3305393	-	4	18	R.MGFIEDVETIMAQIPEGHQTALFSATMPEAIRR.I	37
PLOG-7305	proteomics_log	3305298	3305393	-	4	47	R.MGFIEDVETIMAQIPEGHQTALFSATMPEAIRR.R	36
PLOG-7306	proteomics_log	3305394	3305435	-	4	8	K.LSGLVLDEADEMLR.M	18
PLOG-7307	proteomics_log	3305394	3305456	-	4	6	R.GTLDLSKLSGLVLDEADEMLR.M	25
PLOG-7308	proteomics_log	3305478	3305513	-	4	16	R.QGPQIVVGTGPR.L	16
PLOG-7309	proteomics_log	3305541	3305576	-	4	4	R.GVNVVALYGGQR.Y	16

PLOG-7310	proteomics_log	3305586	3305630	-	4	22	R.ELAVQVAEAMTDFSK.H	19
PLOG-7311	proteomics_log	3305586	3305714	-	4	15	K.TAAFSLPLLQNLDPKAPQILVLAPTR.E	47
PLOG-7312	proteomics_log	3305631	3305714	-	4	33	K.TAAFSLPLLQNLDPKAPQILVLAPTR.E	32
PLOG-7313	proteomics_log	3307058	3307120	-	6	13	K.EATEQSQPAAPAEAPAAEQGE.-	25
PLOG-7314	proteomics_log	3307058	3307132	-	6	91	R.LSIKEATEQSQPAAPAEAPAAEQGE.-	29
PLOG-7315	proteomics_log	3307058	3307138	-	6	82	R.IRLSIKEATEQSQPAAPAEAPAAEQGE.-	31
PLOG-7316	proteomics_log	3307139	3307207	-	6	23	K.VTDYLQMGQEVVVKVLEVDQRGR.I	27
PLOG-7317	proteomics_log	3307139	3307216	-	6	3	R.VEKVTDYLQMGQEVVVKVLEVDQRGR.I	30
PLOG-7318	proteomics_log	3307148	3307207	-	6	27	K.VTDYLQMGQEVVVKVLEVDQR.Q	24
PLOG-7319	proteomics_log	3307166	3307207	-	6	5	K.VTDYLQMGQEVVVK.V	18
PLOG-7320	proteomics_log	3307208	3307255	-	6	2	K.EGLVHISQIADKRVEK.V	20
PLOG-7321	proteomics_log	3307208	3307297	-	6	7	R.IVDFGAFVAIGGGKEGLVHISQIADKRVEK.V	34
PLOG-7322	proteomics_log	3307217	3307255	-	6	2	K.EGLVHISQIADKR.V	17
PLOG-7323	proteomics_log	3307217	3307297	-	6	25	R.IVDFGAFVAIGGGKEGLVHISQIADKR.V	31
PLOG-7324	proteomics_log	3307220	3307297	-	6	3	R.IVDFGAFVAIGGGKEGLVHISQIADK.R	30
PLOG-7325	proteomics_log	3307256	3307297	-	6	25	R.IVDFGAFVAIGGGK.E	18
PLOG-7326	proteomics_log	3307298	3307321	-	6	3	R.VYTGKVTR.I	12
PLOG-7327	proteomics_log	3307298	3307357	-	6	10	R.IEEITAEIEVGRVYTGKVTR.I	24
PLOG-7328	proteomics_log	3307298	3307360	-	6	35	R.RIEEITAEIEVGRVYTGKVTR.I	25
PLOG-7329	proteomics_log	3307322	3307357	-	6	6	R.IEEITAEIEVGR.V	16
PLOG-7330	proteomics_log	3307322	3307360	-	6	17	R.RIEEITAEIEVGR.V	17
PLOG-7331	proteomics_log	3307361	3307402	-	6	5	K.IAATDGEKAKHAIR.R	18
PLOG-7332	proteomics_log	3307373	3307402	-	6	32	K.IAATDGEKAK.H	14
PLOG-7333	proteomics_log	3307403	3307459	-	6	8	R.ALTEETGTTIEIEDDGTVK.I	23
PLOG-7334	proteomics_log	3307460	3307513	-	6	11	K.INPKIKDVIGKGGSVIR.A	22
PLOG-7335	proteomics_log	3307460	3307528	-	6	134	R.IHTIKINPKIKDVIGKGGSVIR.A	27
PLOG-7336	proteomics_log	3307478	3307513	-	6	18	K.INPKIKDVIGK.G	16
PLOG-7337	proteomics_log	3307478	3307528	-	6	40	R.IHTIKINPKIKDVIGK.G	21
PLOG-7338	proteomics_log	3307529	3307555	-	6	61	R.GDISEFAPR.I	13
PLOG-7339	proteomics_log	3307529	3307600	-	6	14	R.LHILGVM*EQAINAPRGDISEFAPR.I	29
PLOG-7340	proteomics_log	3307529	3307600	-	6	359	R.LHILGVM*EQAINAPRGDISEFAPR.I	28
PLOG-7341	proteomics_log	3307529	3307609	-	6	2	K.GARLHILGVM*EQAINAPRGDISEFAPR.I	32
PLOG-7342	proteomics_log	3307529	3307609	-	6	4	K.GARLHILGVM*EQAINAPRGDISEFAPR.I	31
PLOG-7343	proteomics_log	3307556	3307600	-	6	11	R.LHILGVM*EQAINAPR.G	20
PLOG-7344	proteomics_log	3307556	3307600	-	6	352	R.LHILGVM*EQAINAPR.G	19
PLOG-7345	proteomics_log	3307565	3307600	-	6	3	R.LHILGVM*EQAINAPR.A	16
PLOG-7346	proteomics_log	3307601	3307660	-	6	47	K.IEGITKEIMQVALNQAQGAR.L	24
PLOG-7347	proteomics_log	3307601	3307693	-	6	26	R.DGISALQMDIKIEGITKEIMQVALNQAQGAR.L	35
PLOG-7348	proteomics_log	3307610	3307642	-	6	2	K.EIM*QVALNQAQ.G	16
PLOG-7349	proteomics_log	3307610	3307642	-	6	111	K.EIMQVALNQAQ.G	15
PLOG-7350	proteomics_log	3307610	3307660	-	6	268	K.IEGITKEIMQVALNQAQ.G	21
PLOG-7351	proteomics_log	3307610	3307693	-	6	2	R.DGISALQM*DIKIEGITKEIMQVALNQAQ.G	33
PLOG-7352	proteomics_log	3307610	3307693	-	6	245	R.DGISALQMDIKIEGITKEIMQVALNQAQ.G	32
PLOG-7353	proteomics_log	3307610	3307708	-	6	77	K.VAGSRDGISALQMDIKIEGITKEIMQVALNQAQ.G	37
PLOG-7354	proteomics_log	3307661	3307693	-	6	9	R.DGISALQM*DIK.I	16
PLOG-7355	proteomics_log	3307661	3307693	-	6	40	R.DGISALQMDIK.I	15

PLOG-7356	proteomics_log	3307709	3307780	-	6	3	K.EGDNYVVLSDILGDEDHLGDM*DFK.V	29
PLOG-7357	proteomics_log	3307709	3307780	-	6	19	K.EGDNYVVLSDILGDEDHLGDMDFK.V	28
PLOG-7358	proteomics_log	3307709	3307816	-	6	43	K.AAVAGIAMGLVKEGDNYVVLSDILGDEDHLGDMDFK.V	40
PLOG-7359	proteomics_log	3307781	3307816	-	6	13	K.AAVAGIAMGLV.K.E	16
PLOG-7360	proteomics_log	3307913	3307963	-	6	175	R.GVLAVMPDMDKFPYTVR.V	21
PLOG-7361	proteomics_log	3307913	3307966	-	6	3	K.RGVLAVMPDM*DKFPYTVR.V	23
PLOG-7362	proteomics_log	3307913	3307966	-	6	3	K.RGVLAVM*PDM*DKFPYTVR.V	24
PLOG-7363	proteomics_log	3307913	3307966	-	6	241	K.RGVLAVMPDMDKFPYTVR.V	22
PLOG-7364	proteomics_log	3307913	3307975	-	6	6	R.LAKRGVLAVMPDMDKFPYTVR.V	25
PLOG-7365	proteomics_log	3307913	3307975	-	6	6	R.LAKRGVLAVM*PDM*DKFPYTVR.V	27
PLOG-7366	proteomics_log	3308000	3308074	-	6	5	R.TDTFLFHYNFPYSGVETGM*VGSPK.R	30
PLOG-7367	proteomics_log	3308000	3308074	-	6	30	R.TDTFLFHYNFPYSGVETGMVGSPPK.R	29
PLOG-7368	proteomics_log	3308000	3308110	-	6	11	R.DAQVLDELGMERTDTFLFHYNFPYSGVETGMVGSPPK.R	41
PLOG-7369	proteomics_log	3308075	3308110	-	6	8	R.DAQVLDELGM*GER.T	17
PLOG-7370	proteomics_log	3308075	3308110	-	6	117	R.DAQVLDELGMGER.T	16
PLOG-7371	proteomics_log	3308075	3308155	-	6	2	R.GETQALVTATLGTARDAQVLDELGMGER.T	31
PLOG-7372	proteomics_log	3308075	3308182	-	6	6	R.THGSALFTRGETQALVTATLGTARDAQVLDELGMGER.T	40
PLOG-7373	proteomics_log	3308111	3308155	-	6	100	R.GETQALVTATLGTAR.D	19
PLOG-7374	proteomics_log	3308111	3308182	-	6	155	R.THGSALFTRGETQALVTATLGTAR.D	28
PLOG-7375	proteomics_log	3308156	3308182	-	6	18	R.THGSALFTR.G	13
PLOG-7376	proteomics_log	3308201	3308245	-	6	2	R.IDGREKDMIRGLDVR.T	19
PLOG-7377	proteomics_log	3308246	3308272	-	6	2	R.SRVLAGEPR.I	13
PLOG-7378	proteomics_log	3308273	3308368	-	6	230	K.SETIATLLAEDETLDENELGEILHAEIKNVVR.S	36
PLOG-7379	proteomics_log	3308273	3308392	-	6	248	R.YAQVDVIKSETIATLLAEDETLDENELGEILHAEIKNVVR.S	44
PLOG-7380	proteomics_log	3308285	3308368	-	6	224	K.SETIATLLAEDETLDENELGEILHAEIK.N	32
PLOG-7381	proteomics_log	3308285	3308392	-	6	253	R.YAQVDVIKSETIATLLAEDETLDENELGEILHAEIK.N	40
PLOG-7382	proteomics_log	3308369	3308392	-	6	24	R.YAQVDVIK.S	12
PLOG-7383	proteomics_log	3308393	3308413	-	6	2	R.ITDKQER.Y	11
PLOG-7384	proteomics_log	3308393	3308431	-	6	61	R.LSDAYRITDKQER.Y	17
PLOG-7385	proteomics_log	3308432	3308455	-	6	171	R.VAALAEAR.L	12
PLOG-7386	proteomics_log	3308456	3308500	-	6	114	R.WDWQPEPVNEALNAR.V	19
PLOG-7387	proteomics_log	3308669	3308731	-	6	29	R.VGYINDQYVLNPTQDELKESK.L	25
PLOG-7388	proteomics_log	3308732	3308827	-	6	3	N.PQVNPDIVAMIGASAALSLSGIPFNGPIGAAR.V	36
PLOG-7389	proteomics_log	3308912	3308950	-	6	170	R.EGRPSEGETLIAR.L	17
PLOG-7390	proteomics_log	3308912	3308953	-	6	198	R.REGRPSEGETLIAR.L	18
PLOG-7391	proteomics_log	3308954	3308992	-	6	21	R.TYAAGRIPGSFFR.R	17
PLOG-7392	proteomics_log	3308993	3309043	-	6	113	K.AKPGQDFFPLTVNYQER.T	21
PLOG-7393	proteomics_log	3308993	3309046	-	6	31	K.KAKPGQDFFPLTVNYQER.T	22
PLOG-7394	proteomics_log	3309047	3309094	-	6	4	M.VSMDDTAVFVTVVGQK.K	20
PLOG-7395	proteomics_log	3309116	3309166	-	6	17	K.FQYQGHTVTLETGMMAR.Q	21
PLOG-7396	proteomics_log	3309116	3309169	-	6	12	R.KFYQGHTVTLETGM*M*AR.Q	24
PLOG-7397	proteomics_log	3309116	3309169	-	6	177	R.KFYQGHTVTLETGMMAR.Q	22
PLOG-7398	proteomics_log	3309134	3309169	-	6	2	R.KFYQGHTVTLET.T	16
PLOG-7399	proteomics_log	3309455	3309475	-	6	384	R.YTQLIER.L	11
PLOG-7400	proteomics_log	3309455	3309487	-	6	4	K.DVARYTQLIER.L	15
PLOG-7401	proteomics_log	3309455	3309511	-	6	2	K.LLDYLKRKDVARYTQLIER.L	23

PLOG-7402	proteomics_log	3309476	3309511	-	6	7	K.LLDYLKRKDVAR.Y	16
PLOG-7403	proteomics_log	3309476	3309514	-	6	22	R.KLLDYLKRKDVAR.Y	17
PLOG-7404	proteomics_log	3309488	3309514	-	6	4	R.KLLDYLKRK.D	13
PLOG-7405	proteomics_log	3309491	3309514	-	6	50	R.KLLDYLKR.K	12
PLOG-7406	proteomics_log	3309491	3309517	-	6	43	R.RKLLDYLKR.K	13
PLOG-7407	proteomics_log	3309494	3309514	-	6	4	R.KLLDYLK.R	11
PLOG-7408	proteomics_log	3309563	3309655	-	6	9	R.DANDTGSTEVQVALLTAQINHLQGHFAEHKK.D	35
PLOG-7409	proteomics_log	3309563	3309676	-	6	2	K.IVSEFGRDANDTGSTEVQVALLTAQINHLQGHFAEHKK.D	42
PLOG-7410	proteomics_log	3309566	3309655	-	6	12	R.DANDTGSTEVQVALLTAQINHLQGHFAEHK.K	34
PLOG-7411	proteomics_log	3309656	3309676	-	6	31	K.IVSEFGR.D	11
PLOG-7412	proteomics_log	3309656	3309703	-	6	188	M.SLSTEATAKIVSEFGR.D	20
PLOG-7413	proteomics_log	3309677	3309703	-	6	217	M.SLSTEATAK.I	13
PLOG-7414	proteomics_log	3309677	3309709	-	6	2	F.KMSLSTEATAK.I	15
PLOG-7415	proteomics_log	3310680	3310700	-	4	2	K.RIYNANR.A	11
PLOG-7416	proteomics_log	3310802	3310831	-	6	10	R.RVNPDDSKED.-	14
PLOG-7417	proteomics_log	3310802	3310876	-	6	2	R.M*SNLVTSVVKHDEERRVNPDDSKED.-	30
PLOG-7418	proteomics_log	3310802	3310876	-	6	9	R.MSNLVTSVVKHDEERRVNPDDSKED.-	29
PLOG-7419	proteomics_log	3310829	3310876	-	6	2	R.MSNLVTSVVKHDEERR.V	20
PLOG-7420	proteomics_log	3310829	3310876	-	6	2	R.M*SNLVTSVVKHDEERR.V	21
PLOG-7421	proteomics_log	3310832	3310876	-	6	2	R.M*SNLVTSVVKHDEER.R	20
PLOG-7422	proteomics_log	3310832	3310876	-	6	67	R.MSNLVTSVVKHDEER.R	19
PLOG-7423	proteomics_log	3310847	3310876	-	6	3	R.MSNLVTSVVK.H	14
PLOG-7424	proteomics_log	3310877	3310930	-	6	3	R.IVPELTFYDNSLVEGM*R.M	23
PLOG-7425	proteomics_log	3310877	3310930	-	6	81	R.IVPELTFYDNSLVEGMR.M	22
PLOG-7426	proteomics_log	3310877	3310936	-	6	6	R.LRIVPELTFYDNSLVEGMR.M	24
PLOG-7427	proteomics_log	3310961	3311047	-	6	15	K.VYVTFLNDKDEDVAVKAGIKALQEASGFIR.S	33
PLOG-7428	proteomics_log	3310991	3311047	-	6	3	K.VYVTFLNDKDEDVAVKAGIK.A	23
PLOG-7429	proteomics_log	3311003	3311047	-	6	2	K.VYVTFLNDKDEDVAVK.A	19
PLOG-7430	proteomics_log	3311066	3311107	-	6	6	R.LGMMTTVSGVEMSR.D	18
PLOG-7431	proteomics_log	3311126	3311170	-	6	6	R.VAQEMQKEIALILQR.E	19
PLOG-7432	proteomics_log	3311376	3311420	-	4	101	R.TGDVIEVFIEIQR.T	19
PLOG-7433	proteomics_log	3311469	3311495	-	4	77	R.FKDDVNEVR.N	13
PLOG-7434	proteomics_log	3311469	3311498	-	4	2	R.RFKDDVNEVR.N	14
PLOG-7435	proteomics_log	3311496	3311540	-	4	14	R.DNVVIYEGELESRR.F	19
PLOG-7436	proteomics_log	3311496	3311549	-	4	74	R.VLRDNVVIYEGELESRR.F	22
PLOG-7437	proteomics_log	3311496	3311564	-	4	4	R.HNPIRVLRDNVVIYEGELESRR.F	27
PLOG-7438	proteomics_log	3311499	3311540	-	4	2	R.DNVVIYEGELESRR	18
PLOG-7439	proteomics_log	3311634	3311738	-	4	20	R.YYSVIYNLIDEVKAAMSGMLSPELKQQIIGLAEVR.D	39
PLOG-7440	proteomics_log	3311664	3311738	-	4	41	R.YYSVIYNLIDEVKAAMSGMLSPELK.Q	29
PLOG-7441	proteomics_log	3311664	3311771	-	4	3	R.KVIEAESLDRYYSVIYNLIDEVKAAMSGMLSPELK.Q	40
PLOG-7442	proteomics_log	3311700	3311738	-	4	26	R.YYSVIYNLIDEVK.A	17
PLOG-7443	proteomics_log	3311739	3311771	-	4	9	R.KVIEAESLDR.Y	15
PLOG-7444	proteomics_log	3311790	3311879	-	4	36	K.IIGSGVGGITETDATALAAASNAILVGFNVR.A	34
PLOG-7445	proteomics_log	3311880	3311906	-	4	2	K.LSTDEVKVK.I	13
PLOG-7446	proteomics_log	3311907	3312023	-	4	8	K.SKLENMFANMTEGEVHEVNIVLKADVQGSVEAISDLLK.L	43
PLOG-7447	proteomics_log	3311955	3312023	-	4	14	K.SKLENMFANMTEGEVHEVNIVLK.A	27



PLOG-7448	proteomics_log	3312033	3312056	-	4	2	K.FREVKLAR.Q	12
PLOG-7449	proteomics_log	3312084	3312206	-	4	4	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVRDEKKAR.E	45
PLOG-7450	proteomics_log	3312090	3312206	-	4	5	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVRDEKK.A	43
PLOG-7451	proteomics_log	3312093	3312206	-	4	57	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVRDEK.K	42
PLOG-7452	proteomics_log	3312093	3312215	-	4	2	R.AMRNELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVRDEK.K	45
PLOG-7453	proteomics_log	3312093	3312215	-	4	2	R.AM*RNELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVRDEK.K	46
PLOG-7454	proteomics_log	3312102	3312206	-	4	7	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVR.D	39
PLOG-7455	proteomics_log	3312222	3312275	-	4	5	R.EGTLHKGDIVLCGFYGR.V	22
PLOG-7456	proteomics_log	3312276	3312302	-	4	23	R.GPVATVLVR.E	13
PLOG-7457	proteomics_log	3312276	3312308	-	4	3	K.GRGPVATVLVR.E	15
PLOG-7458	proteomics_log	3312276	3312350	-	4	2	K.GM*ASGAVIESFLDKGRGPVATVLVR.E	30
PLOG-7459	proteomics_log	3312276	3312350	-	4	88	K.GMASGAVIESFLDKGRGPVATVLVR.E	29
PLOG-7460	proteomics_log	3312276	3312353	-	4	14	R.KGM*ASGAVIESFLDKGRGPVATVLVR.E	31
PLOG-7461	proteomics_log	3312276	3312353	-	4	117	R.KGMASGAVIESFLDKGRGPVATVLVR.E	30
PLOG-7462	proteomics_log	3312303	3312350	-	4	7	K.GMASGAVIESFLDKGR.G	20
PLOG-7463	proteomics_log	3312303	3312353	-	4	3	R.KGM*ASGAVIESFLDKGR.G	22
PLOG-7464	proteomics_log	3312303	3312353	-	4	37	R.KGMASGAVIESFLDKGR.G	21
PLOG-7465	proteomics_log	3312309	3312353	-	4	6	R.KGMASGAVIESFLDK.G	19
PLOG-7466	proteomics_log	3312351	3312428	-	4	149	K.AGTGIDELLDAILLQAEVLELKAVRK.G	30
PLOG-7467	proteomics_log	3312354	3312401	-	4	2	L.DAILLQAEVLELKAVR.K	20
PLOG-7468	proteomics_log	3312354	3312404	-	4	2	L.LDAILLQAEVLELKAVR.K	21
PLOG-7469	proteomics_log	3312354	3312428	-	4	313	K.AGTGIDELLDAILLQAEVLELKAVR.K	29
PLOG-7470	proteomics_log	3312363	3312428	-	4	539	K.AGTGIDELLDAILLQAEVLELK.A	26
PLOG-7471	proteomics_log	3312540	3312575	-	4	3	K.AAQVPVVAVNK.I	16
PLOG-7472	proteomics_log	3312576	3312665	-	4	27	R.GAQATDIVVLVVAADDGVM*PQTIEAIQHAK.A	35
PLOG-7473	proteomics_log	3312576	3312665	-	4	256	R.GAQATDIVVLVVAADDGVM*PQTIEAIQHAK.A	34
PLOG-7474	proteomics_log	3312576	3312671	-	4	4	R.ARGAQATDIVVLVVAADDGVM*PQTIEAIQHAK.A	37
PLOG-7475	proteomics_log	3312576	3312671	-	4	133	R.ARGAQATDIVVLVVAADDGVM*PQTIEAIQHAK.A	36
PLOG-7476	proteomics_log	3312672	3312791	-	4	3	K.VASGEAGGITQHIGAYHVETENGM*ITFLDTPGHAAFTSM*R.A	46
PLOG-7477	proteomics_log	3312672	3312791	-	4	14	K.VASGEAGGITQHIGAYHVETENGMITFLDTPGHAAFTSMR.A	44
PLOG-7478	proteomics_log	3312672	3312800	-	4	4	R.STKVASGEAGGITQHIGAYHVETENGMITFLDTPGHAAFTSMR.A	47
PLOG-7479	proteomics_log	3312756	3312791	-	4	3	K.VASGEAGGITQH.I	16
PLOG-7480	proteomics_log	3312801	3312824	-	4	33	K.TSLLDYIR.S	12
PLOG-7481	proteomics_log	3312801	3312866	-	4	6	R.APVVTIM*GHVDHGKTSLLDYIR.S	27
PLOG-7482	proteomics_log	3312801	3312866	-	4	216	R.APVVTIMGHVDHGKTSLLDYIR.S	26
PLOG-7483	proteomics_log	3312825	3312866	-	4	33	R.APVVTIMGHVDHGK.T	18
PLOG-7484	proteomics_log	3312867	3312893	-	4	7	R.DTGAAAEPR.A	13
PLOG-7485	proteomics_log	3312867	3312929	-	4	9	R.ENELEEAVMSDRDTGAAAEPR.A	25
PLOG-7486	proteomics_log	3312867	3312932	-	4	4	R.RENELEEAVMSDRDTGAAAEPR.A	26
PLOG-7487	proteomics_log	3312930	3313022	-	4	29	K.LGAMATINQVIDQETAQLVAEEMGHKVIILR.E	35
PLOG-7488	proteomics_log	3312933	3313022	-	4	2	K.LGAM*ATINQVIDQETAQLVAEEMGHKVIILR.R	35
PLOG-7489	proteomics_log	3312933	3313022	-	4	4	K.LGAMATINQVIDQETAQLVAEEM*GHKVIILR.R	35
PLOG-7490	proteomics_log	3312933	3313022	-	4	42	K.LGAMATINQVIDQETAQLVAEEMGHKVIILR.R	34
PLOG-7491	proteomics_log	3312945	3313022	-	4	2	K.LGAMATINQVIDQETAQLVAEEM*GHK.V	31
PLOG-7492	proteomics_log	3312945	3313022	-	4	3	K.LGAM*ATINQVIDQETAQLVAEEMGHK.V	31
PLOG-7493	proteomics_log	3312945	3313022	-	4	2	K.LGAM*ATINQVIDQETAQLVAEEM*GHK.V	32

PLOG-7494	proteomics_log	3312945	3313022	-	4	106	K.LGAMATINQVIDQETAQLVAEEMGHK.V	30
PLOG-7495	proteomics_log	3312945	3313034	-	4	4	K.AMMKLGAMATINQVIDQETAQLVAEEMGHK.V	34
PLOG-7496	proteomics_log	3313023	3313064	-	4	4	K.M*AVKGSQVIKAM*M*K.L	21
PLOG-7497	proteomics_log	3313035	3313064	-	4	2	K.M*AVKGSQVIK.A	15
PLOG-7498	proteomics_log	3313035	3313064	-	4	9	K.MAVKGSQVIK.A	14
PLOG-7499	proteomics_log	3313065	3313112	-	4	7	R.DVVIGETITVGELANK.M	20
PLOG-7500	proteomics_log	3313065	3313163	-	4	2	K.GSSLQQGFQKPAQAVNRDVVIGETITVGELANK.M	37
PLOG-7501	proteomics_log	3313200	3313235	-	4	2	K.HAESKADREEAR.A	16
PLOG-7502	proteomics_log	3313326	3313412	-	4	2	R.M*AEENKWTDNAEPTEDSSDYHVTTTSQHAR.Q	34
PLOG-7503	proteomics_log	3313326	3313412	-	4	4	R.MAEENKWTDNAEPTEDSSDYHVTTTSQHAR.Q	33
PLOG-7504	proteomics_log	3313437	3313460	-	4	10	R.RKLEEEAR.R	12
PLOG-7505	proteomics_log	3313482	3313508	-	4	2	R.EQEAAELKR.K	13
PLOG-7506	proteomics_log	3313482	3313511	-	4	39	R.REQEAAELKR.K	14
PLOG-7507	proteomics_log	3313536	3313586	-	4	2	R.EAAEKDKVSNQDDM*TK.N	22
PLOG-7508	proteomics_log	3313587	3313634	-	4	2	R.EAAEQAKREAAEQAKR.E	20
PLOG-7509	proteomics_log	3313686	3313733	-	4	3	R.LAAEEQAQREAAEQAR.R	20
PLOG-7510	proteomics_log	3313707	3313733	-	4	19	R.LAAEEQAQR.E	13
PLOG-7511	proteomics_log	3313734	3313769	-	4	4	R.TFVKRDPQEAEER.L	16
PLOG-7512	proteomics_log	3313779	3313805	-	4	7	K.SKSVQIEVR.K	13
PLOG-7513	proteomics_log	3313800	3313838	-	4	33	R.STLNIPGTGGKSK.S	17
PLOG-7514	proteomics_log	3313806	3313838	-	4	18	R.STLNIPGTGGK.S	15
PLOG-7515	proteomics_log	3313848	3313880	-	4	27	K.NSGPDKLTLQR.K	15
PLOG-7516	proteomics_log	3313848	3313946	-	4	6	R.KSADDSVSAQEKQTLIDHLNQNKNSGPDKLTLQR.K	37
PLOG-7517	proteomics_log	3313881	3313910	-	4	3	K.QTLIDHLNQN.K	14
PLOG-7518	proteomics_log	3313881	3313943	-	4	8	K.SADDSVSAQEKQTLIDHLNQN.K	25
PLOG-7519	proteomics_log	3313881	3313946	-	4	4	R.KSADDSVSAQEKQTLIDHLNQN.K	26
PLOG-7520	proteomics_log	3313911	3313943	-	4	29	K.SADDSVSAQEK.Q	15
PLOG-7521	proteomics_log	3313911	3313946	-	4	15	R.KSADDSVSAQEK.Q	16
PLOG-7522	proteomics_log	3313944	3313979	-	4	76	R.LVQQFADAGIRK.S	16
PLOG-7523	proteomics_log	3313947	3313979	-	4	61	R.LVQQFADAGIR.K	15
PLOG-7524	proteomics_log	3313980	3314015	-	4	47	K.TLAAERQTSVER.L	16
PLOG-7525	proteomics_log	3313980	3314033	-	4	3	M.TDVTIKTLAAERQTSVER.L	22
PLOG-7526	proteomics_log	3313998	3314033	-	4	27	M.TDVTIKTLAAER.Q	16
PLOG-7527	proteomics_log	3314091	3314117	-	4	9	K.AGALIMAAR.N	13
PLOG-7528	proteomics_log	3314091	3314147	-	4	4	L.ADIEGLTDEKAGALIMAAR.N	23
PLOG-7529	proteomics_log	3314091	3314162	-	4	3	Q.GIDDLADIEGLTDEKAGALIMAAR.N	28
PLOG-7530	proteomics_log	3314091	3314195	-	4	7	R.GVCTLEDLAEQGIDDLADIEGLTDEKAGALIMAAR.N	39
PLOG-7531	proteomics_log	3314127	3314195	-	4	6	R.GVCTLEDLAEQGIDDLADIEGLT.D	27
PLOG-7532	proteomics_log	3314196	3314321	-	4	2	R.AKNALATIAQAQEEESLGDNKPADDLLNLEGVDRDLAFKLAAR.G	46
PLOG-7533	proteomics_log	3314208	3314315	-	4	12	K.NALATIAQAQEEESLGDNKPADDLLNLEGVDRDLAFK.L	40
PLOG-7534	proteomics_log	3314466	3314507	-	4	12	K.HQAEAHAAIDTFTK.Y	18
PLOG-7535	proteomics_log	3314508	3314570	-	4	19	R.LASQLSGWELNVMTVDDLQAK.H	25
PLOG-7536	proteomics_log	3314589	3314663	-	4	11	S.IVVDEDKHTMDIAVEAGNLAQAIGR.N	29
PLOG-7537	proteomics_log	3314739	3314774	-	4	226	R.VQAVSTELGGER.I	16
PLOG-7538	proteomics_log	3314781	3314816	-	4	9	R.IDPVGACVGMRG.A	16
PLOG-7539	proteomics_log	3314781	3314831	-	4	4	K.TNDKRIDPVGACVGMRG.A	21

PLOG-7540	proteomics_log	3314784	3314816	-	4	5	R.IDPVGACVGM.R.G	15
PLOG-7541	proteomics_log	3314817	3314843	-	4	22	K.IAVKTNDKR.I	13
PLOG-7542	proteomics_log	3314817	3314849	-	4	53	R.AKIAVKTNDKR.I	15
PLOG-7543	proteomics_log	3314877	3314918	-	4	135	R.IEVPEIGEEVIEIK.A	18
PLOG-7544	proteomics_log	3314877	3314951	-	4	143	R.SKPEMLIELFRIEVPEIGEEVIEIK.A	29
PLOG-7545	proteomics_log	3314919	3314951	-	4	6	R.SKPEM*LIELFR.I	16
PLOG-7546	proteomics_log	3314919	3314951	-	4	354	R.SKPEMLIELFR.I	15
PLOG-7547	proteomics_log	3314952	3314975	-	4	259	R.GAQLFVTR.S	12
PLOG-7548	proteomics_log	3314976	3315008	-	4	18	R.GVLYSVRPEAR.G	15
PLOG-7549	proteomics_log	3315039	3315107	-	4	33	R.DNISLDLGNNAEAVILREDMLPR.E	27
PLOG-7550	proteomics_log	3315039	3315116	-	4	18	K.VNRDNISLDLGNNAEAVILREDMLPR.E	30
PLOG-7551	proteomics_log	3315039	3315119	-	4	2	K.KVNRDNISLDLGNNAEAVILREDMLPR.E	31
PLOG-7552	proteomics_log	3315039	3315119	-	4	2	K.KVNRDNISLDLGNNAEAVILREDM*LPR.E	32
PLOG-7553	proteomics_log	3315108	3315179	-	4	4	R.AMVVDQFREHEGEIITGVVKKVNR.D	28
PLOG-7554	proteomics_log	3315117	3315179	-	4	80	R.AMVVDQFREHEGEIITGVVKK.V	25
PLOG-7555	proteomics_log	3315120	3315155	-	4	4	R.EHEGEIITGVVK.K	16
PLOG-7556	proteomics_log	3315120	3315179	-	4	4	R.AM*VVDQFREHEGEIITGVVK.K	25
PLOG-7557	proteomics_log	3315120	3315179	-	4	117	R.AMVVDQFREHEGEIITGVVK.K	24
PLOG-7558	proteomics_log	3315180	3315215	-	4	9	K.QVIVQKVREAER.A	16
PLOG-7559	proteomics_log	3315192	3315236	-	4	26	R.ITTQTAKQVIVQKVR.E	19
PLOG-7560	proteomics_log	3315198	3315236	-	4	35	R.ITTQTAKQVIVQK.V	17
PLOG-7561	proteomics_log	3315216	3315305	-	4	44	R.YEDES LN LGDYVEDQIESVTFDRITTQTAK.Q	34
PLOG-7562	proteomics_log	3315237	3315305	-	4	82	R.YEDES LN LGDYVEDQIESVTFDR.I	27
PLOG-7563	proteomics_log	3315306	3315365	-	4	187	R.WLVVDEVTQPTKEITLAAAR.Y	24
PLOG-7564	proteomics_log	3315330	3315365	-	4	5	R.WLVVDEVTQPTK.E	16
PLOG-7565	proteomics_log	3315411	3315434	-	4	2	K.YEQEIDVR.V	12
PLOG-7566	proteomics_log	3315411	3315437	-	4	12	K.KYEQEIDVR.V	13
PLOG-7567	proteomics_log	3315411	3315440	-	4	55	K.KKYEQEIDVR.V	14
PLOG-7568	proteomics_log	3315411	3315482	-	4	109	K.IFEALESALATATKKKYEQEIDVR.V	28
PLOG-7569	proteomics_log	3315411	3315488	-	4	52	R.EKIFEALESALATATKKKYEQEIDVR.V	30
PLOG-7570	proteomics_log	3315411	3315500	-	4	2	K.ALPREKIFEALESALATATKKKYEQEIDVR.V	34
PLOG-7571	proteomics_log	3315438	3315482	-	4	29	K.IFEALESALATATKK.K	19
PLOG-7572	proteomics_log	3315438	3315488	-	4	22	R.EKIFEALESALATATKK.K	21
PLOG-7573	proteomics_log	3315438	3315500	-	4	3	K.ALPREKIFEALESALATATKK.K	25
PLOG-7574	proteomics_log	3315441	3315482	-	4	110	K.IFEALESALATATK.K	18
PLOG-7575	proteomics_log	3315441	3315488	-	4	163	R.EKIFEALESALATATK.K	20
PLOG-7576	proteomics_log	3315441	3315500	-	4	4	K.ALPREKIFEALESALATATK.K	24
PLOG-7577	proteomics_log	3315483	3315548	-	4	2	A.M*NKEILAVVEAVSNEKALPREK.I	27
PLOG-7578	proteomics_log	3315483	3315548	-	4	52	A.MNKEILAVVEAVSNEKALPREK.I	26
PLOG-7579	proteomics_log	3315489	3315530	-	4	2	L.AVVEAVSNEKALPR.E	18
PLOG-7580	proteomics_log	3315489	3315548	-	4	17	A.M*NKEILAVVEAVSNEKALPR.E	25
PLOG-7581	proteomics_log	3315489	3315548	-	4	171	A.MNKEILAVVEAVSNEKALPR.E	24
PLOG-7582	proteomics_log	3315501	3315539	-	4	22	K.EILAVVEAVSNEK.A	17
PLOG-7583	proteomics_log	3315501	3315548	-	4	9	A.M*NKEILAVVEAVSNEK.A	21
PLOG-7584	proteomics_log	3315501	3315548	-	4	289	A.MNKEILAVVEAVSNEK.A	20
PLOG-7585	proteomics_log	3315933	3316025	-	4	83	L.STLEQKLTEMITAPVEALGFELVGIEFIRGR.T	35

PLOG-7586	proteomics_log	3315939	3316007	-	4	37	K.LTEMITAPVEALGFELVGIEFIR.G	27
PLOG-7587	proteomics_log	3315939	3316025	-	4	36	L.STLEQKLTEMITAPVEALGFELVGIEFIR.G	33
PLOG-7588	proteomics_log	3318400	3318456	-	5	6	Y.DNSIHYTDSLLGQVFELLK.D	23
PLOG-7589	proteomics_log	3320758	3320832	-	5	3	R.VMVEGEDEAQVTEFAHRIADAVKAV.-	29
PLOG-7590	proteomics_log	3320782	3320832	-	5	5	R.VM*VEGEDEAQVTEFAHR.I	22
PLOG-7591	proteomics_log	3320782	3320832	-	5	14	R.VMVEGEDEAQVTEFAHR.I	21
PLOG-7592	proteomics_log	3320872	3320961	-	5	2	R.YTAGSGDPLEHESVKAVTAEVEAALGNRGR.V	34
PLOG-7593	proteomics_log	3320878	3320916	-	5	3	K.AVTAEVEAALGNR.G	17
PLOG-7594	proteomics_log	3320878	3320961	-	5	63	R.YTAGSGDPLEHESVKAVTAEVEAALGNR.G	32
PLOG-7595	proteomics_log	3320917	3320961	-	5	4	R.YTAGSGDPLEHESVK.A	19
PLOG-7596	proteomics_log	3320962	3320991	-	5	11	K.MFPQILVNR.Y	14
PLOG-7597	proteomics_log	3321031	3321087	-	5	36	K.TTTGDGIVAGLQVLAAMAR.N	23
PLOG-7598	proteomics_log	3321031	3321129	-	5	190	R.IGAENSGHVILLDKTTTGDGIVAGLQVLAAMAR.N	37
PLOG-7599	proteomics_log	3321139	3321183	-	5	2	R.AKVGDRYVLEKM*QEK.G	20
PLOG-7600	proteomics_log	3321151	3321183	-	5	15	R.AKVGDRYVLEK.M	15
PLOG-7601	proteomics_log	3321184	3321261	-	5	31	R.GGAVGTLMSNMGLELALKQLGIPFAR.A	30
PLOG-7602	proteomics_log	3321184	3321276	-	5	2	R.QGQLRGGAVGTLMSNM*GLELALKQLGIPFAR.A	36
PLOG-7603	proteomics_log	3321184	3321276	-	5	13	R.QGQLRGGAVGTLMSNMGLELALKQLGIPFAR.A	35
PLOG-7604	proteomics_log	3321208	3321261	-	5	20	R.GGAVGTLMSNMGLELALK.Q	22
PLOG-7605	proteomics_log	3321565	3321603	-	5	3	K.ATFPNELSLSELK.I	17
PLOG-7606	proteomics_log	3321826	3321936	-	5	8	R.ISGYMLESALAEGLAAAGLSALFTGPM*PTPAVAYLTR.T	42
PLOG-7607	proteomics_log	3321826	3321936	-	5	212	R.ISGYMLESALAEGLAAAGLSALFTGPMPTPAVAYLTR.T	41
PLOG-7608	proteomics_log	3321937	3321963	-	5	13	R.KIIGKDTR.I	13
PLOG-7609	proteomics_log	3321976	3322008	-	5	9	K.LGWAAGKVLAR.H	15
PLOG-7610	proteomics_log	3321976	3322047	-	5	6	R.VGDAPITPDFVLKLGWAAGKVLAR.H	28
PLOG-7611	proteomics_log	3321988	3322047	-	5	2	R.VGDAPITPDFVLKLGWAAGK.V	24
PLOG-7612	proteomics_log	3322009	3322047	-	5	168	R.VGDAPITPDFVLK.L	17
PLOG-7613	proteomics_log	3322048	3322089	-	5	2	M.SNRKYFGTDGIRGR.V	18
PLOG-7614	proteomics_log	3322048	3322089	-	5	2	M.SNRKYFGTDGIRGR.V	18
PLOG-7615	proteomics_log	3322133	3322168	-	6	5	R.VHDVKETVEAMR.V	16
PLOG-7616	proteomics_log	3322274	3322324	-	6	8	R.LAEFHFNPLPLVGMRSR.K	21
PLOG-7617	proteomics_log	3322358	3322390	-	6	17	K.LLLDPGFGFGK.N	15
PLOG-7618	proteomics_log	3322421	3322444	-	6	2	R.YFIEQIAR.C	12
PLOG-7619	proteomics_log	3322421	3322495	-	6	5	K.TMQEAPKYDDVFAEVNRYFIEQIAR.C	29
PLOG-7620	proteomics_log	3322580	3322609	-	6	2	K.VGAHIINDIR.S	14
PLOG-7621	proteomics_log	3322622	3322702	-	6	3	R.VIPVVEAIAQRFEVWISVDTSKPEVIR.E	31
PLOG-7622	proteomics_log	3322670	3322702	-	6	6	R.VIPVVEAIAQR.F	15
PLOG-7623	proteomics_log	3323026	3323070	-	5	3	R.TPNPGNTM*SEQLGDK.-	20
PLOG-7624	proteomics_log	3323026	3323070	-	5	23	R.TPNPGNTMSEQLGDK.-	19
PLOG-7625	proteomics_log	3323173	3323217	-	5	32	K.YETIDAPQIDDLMAR.R	19
PLOG-7626	proteomics_log	3323173	3323274	-	5	79	R.QLLTDNMDILHAMKDALMKYETIDAPQIDDLMAR.R	38
PLOG-7627	proteomics_log	3323218	3323274	-	5	17	R.QLLTDNMDILHAMKDALMK.Y	23
PLOG-7628	proteomics_log	3323218	3323280	-	5	5	R.ARQLLTDNMDILHAMKDALMK.Y	25
PLOG-7629	proteomics_log	3323293	3323328	-	5	88	R.IIDQEVKALIER.N	16
PLOG-7630	proteomics_log	3323293	3323352	-	5	3	K.HMSDETARIIDQEVKALIER.N	24
PLOG-7631	proteomics_log	3323308	3323328	-	5	2	R.IIDQEVK.A	11

PLOG-7632	proteomics_log	3323329	3323352	-	5	8	K.HMSDETAR.I	12
PLOG-7633	proteomics_log	3323329	3323358	-	5	36	K.AKHMSDETAR.I	14
PLOG-7634	proteomics_log	3323371	3323421	-	5	189	K.LGPLLYAEEEGEVFLGR.S	21
PLOG-7635	proteomics_log	3323422	3323454	-	5	2	R.NM*VTQWGFSEK.L	16
PLOG-7636	proteomics_log	3323422	3323454	-	5	36	R.NMVTQWGFSEK.L	15
PLOG-7637	proteomics_log	3323455	3323538	-	5	139	R.LAEIIYGPEHVSTGASNDIKVATNLR.N	32
PLOG-7638	proteomics_log	3323476	3323538	-	5	7	R.LAEIIYGPEHVSTGASNDIK.V	25
PLOG-7639	proteomics_log	3323539	3323580	-	5	61	R.QKLESQISTLYGGR.L	18
PLOG-7640	proteomics_log	3323539	3323634	-	5	5	R.ALGVTFFLPEGDAISASRQKLESQISTLYGGR.L	36
PLOG-7641	proteomics_log	3323581	3323634	-	5	197	R.ALGVTFFLPEGDAISASR.Q	22
PLOG-7642	proteomics_log	3323581	3323640	-	5	26	R.GRALGVTFFLPEGDAISASR.Q	24
PLOG-7643	proteomics_log	3323641	3323688	-	5	33	R.LVPEHDPVHKVTIIPR.G	20
PLOG-7644	proteomics_log	3323689	3323733	-	5	13	K.ESTAYHEAGHAIIGR.L	19
PLOG-7645	proteomics_log	3323689	3323760	-	5	163	R.SMVMTEAQKESTAYHEAGHAIIGR.L	28
PLOG-7646	proteomics_log	3323689	3323763	-	5	2	R.RSMVMTEAQKESTAYHEAGHAIIGR.L	29
PLOG-7647	proteomics_log	3323689	3323763	-	5	2	R.RSM*VM*TEAQKESTAYHEAGHAIIGR.L	31
PLOG-7648	proteomics_log	3323761	3323823	-	5	12	R.VVSMVEFEKAKDKIMMGAERR.S	25
PLOG-7649	proteomics_log	3323764	3323823	-	5	6	R.VVSMVEFEKAKDKIMMGAER.R	24
PLOG-7650	proteomics_log	3323797	3323823	-	5	2	R.VVSMVEFEK.A	13
PLOG-7651	proteomics_log	3323824	3323904	-	5	9	R.GTPGFSGADLANLVNEAALFAARGNKR.V	31
PLOG-7652	proteomics_log	3323836	3323904	-	5	342	R.GTPGFSGADLANLVNEAALFAAR.G	27
PLOG-7653	proteomics_log	3323905	3323949	-	5	181	R.RVPLAPDIDAIIAR.G	19
PLOG-7654	proteomics_log	3323950	3323982	-	5	8	R.GREQILKVHMR.R	15
PLOG-7655	proteomics_log	3323983	3324012	-	5	4	R.QVVVGLPDVR.G	14
PLOG-7656	proteomics_log	3324145	3324177	-	5	14	R.GAGLGGGHER.E	15
PLOG-7657	proteomics_log	3324232	3324261	-	5	5	R.VRDM*FEQAKK.A	15
PLOG-7658	proteomics_log	3324232	3324261	-	5	9	R.VRDMFEQAKK.A	14
PLOG-7659	proteomics_log	3324235	3324261	-	5	4	R.VRDMFEQAK.K	13
PLOG-7660	proteomics_log	3324349	3324399	-	5	33	K.GVLMVGPPGTGKTLLAK.A	21
PLOG-7661	proteomics_log	3324364	3324399	-	5	6	K.GVLMVGPPGTGK.T	16
PLOG-7662	proteomics_log	3324763	3324795	-	5	3	R.EINVTKKDSNR.Y	15
PLOG-7663	proteomics_log	3324763	3324807	-	5	3	R.INGREINVTKKDSNR.Y	19
PLOG-7664	proteomics_log	3325060	3325098	-	5	5	R.SREYIVATGRKP-	17
PLOG-7665	proteomics_log	3325159	3325194	-	5	2	K.VFQGEFDEYLR.E	16
PLOG-7666	proteomics_log	3325600	3325650	-	5	3	R.WLQEHFSDKYVQQAQKK.G	21
PLOG-7667	proteomics_log	3326354	3326419	-	6	2	R.IVGDDEADFKQNLISVNSPIAR.G	26
PLOG-7668	proteomics_log	3326483	3326533	-	6	9	K.LSNAQVIDVTKMPNNGR.V	21
PLOG-7669	proteomics_log	3326501	3326533	-	6	66	K.LSNAQVIDVTK.M	15
PLOG-7670	proteomics_log	3326582	3326626	-	6	24	R.EHGDLENKAEYHAAR.E	19
PLOG-7671	proteomics_log	3326609	3326674	-	6	25	L.KSVRRPEIIAAIAEAREHGDLK.E	26
PLOG-7672	proteomics_log	3326627	3326662	-	6	56	R.RPEIIAAIAEAR.E	16
PLOG-7673	proteomics_log	3326627	3326671	-	6	30	K.SVRRPEIIAAIAEAR.E	19
PLOG-7674	proteomics_log	3326627	3326710	-	6	5	R.GAEKLREELDFLKSRRPEIIAAIAEAR.E	32
PLOG-7675	proteomics_log	3326663	3326698	-	6	2	K.LREELDFLKSVR.R	16
PLOG-7676	proteomics_log	3326663	3326710	-	6	17	R.GAEKLREELDFLKSVR.R	20
PLOG-7677	proteomics_log	3326663	3326737	-	6	3	Q.MQAIPMTLRGAEKLREELDFLKSVR.R	29

PLOG-7678	proteomics_log	3326672	3326698	-	6	7	K.LREELDFLK.S	13
PLOG-7679	proteomics_log	3326672	3326710	-	6	37	R.GAEKLREELDFLK.S	17
PLOG-7680	proteomics_log	3326672	3326737	-	6	56	Q.MQAIPMTLRGAEKLEELDFLK.S	26
PLOG-7681	proteomics_log	3326711	3326737	-	6	38	Q.MQAIPMTLR.G	13
PLOG-7682	proteomics_log	3328811	3328882	-	6	2	K.AIAEALGWEDKYLLISAASGLGVK.D	28
PLOG-7683	proteomics_log	3328883	3328942	-	6	3	R.WLVFNKIDLLDKVEAEKAK.A	24
PLOG-7684	proteomics_log	3328889	3328942	-	6	3	R.WLVFNKIDLLDKVEAEK.A	22
PLOG-7685	proteomics_log	3328943	3328996	-	6	28	R.IIISELEKYSQDLATKPR.W	22
PLOG-7686	proteomics_log	3328997	3329059	-	6	74	R.VLLHLIDIDPIDGTDPVENAR.I	25
PLOG-7687	proteomics_log	3329087	3329134	-	6	2	I.PGLIEGAAEGAGLGIR.F	20
PLOG-7688	proteomics_log	3329087	3329155	-	6	96	K.SFVVADIPGLIEGAAEGAGLGIR.F	27
PLOG-7689	proteomics_log	3329087	3329170	-	6	4	R.M*DNEKSFVVADIPGLIEGAAEGAGLGIR.F	33
PLOG-7690	proteomics_log	3329087	3329170	-	6	8	R.MDNEKSFVVADIPGLIEGAAEGAGLGIR.F	32
PLOG-7691	proteomics_log	3329171	3329221	-	6	134	K.VADYPFTTLVPSLGVVR.M	21
PLOG-7692	proteomics_log	3329171	3329245	-	6	5	R.AVSAAKPKVADYPFTTLVPSLGVVR.M	29
PLOG-7693	proteomics_log	3329246	3329326	-	6	11	R.ELLLLEMLLADVGMGLMPNAGKSTFIR.A	31
PLOG-7694	proteomics_log	3329261	3329326	-	6	43	R.ELLLLEMLLADVGMGLMPNAGK.S	26
PLOG-7695	proteomics_log	3329360	3329389	-	6	20	R.FKSSVNRTPR.Q	14
PLOG-7696	proteomics_log	3329390	3329419	-	6	5	K.GGWHGLGNTR.F	14
PLOG-7697	proteomics_log	3329447	3329491	-	6	3	R.VIDQGTGETM*GDMTK.H	20
PLOG-7698	proteomics_log	3329447	3329491	-	6	3	R.VIDQGTGETM*GDM*TK.H	21
PLOG-7699	proteomics_log	3329447	3329491	-	6	48	R.VIDQGTGETMGDMTK.H	19
PLOG-7700	proteomics_log	3329492	3329530	-	6	19	R.GKDVTIKVPVGTR.V	17
PLOG-7701	proteomics_log	3330887	3330910	-	6	361	R.KFISIEAE.-	12
PLOG-7702	proteomics_log	3330887	3330916	-	6	11	K.NRKFISIEAE.-	14
PLOG-7703	proteomics_log	3330911	3330943	-	6	33	K.VKFEVKGPKNR.K	15
PLOG-7704	proteomics_log	3330911	3330955	-	6	7	K.ADGKVKFEVKGPKNR.K	19
PLOG-7705	proteomics_log	3330917	3330943	-	6	8	K.VKFEVKGPK.N	13
PLOG-7706	proteomics_log	3330917	3330955	-	6	10	K.ADGKVKFEVKGPK.N	17
PLOG-7707	proteomics_log	3330926	3330955	-	6	5	K.ADGKVKFEVK.G	14
PLOG-7708	proteomics_log	3330956	3330976	-	6	22	R.DHTLFAK.A	11
PLOG-7709	proteomics_log	3330956	3331009	-	6	2	K.FHAGANVGCGRDHTLFAK.A	22
PLOG-7710	proteomics_log	3330977	3331009	-	6	2	K.FHAGANVGCGR.D	15
PLOG-7711	proteomics_log	3330986	3331009	-	6	2	K.FHAGANVG.C	12
PLOG-7712	proteomics_log	3330986	3331018	-	6	2	R.GTKFHAGANVG.C	15
PLOG-7713	proteomics_log	3331019	3331066	-	6	5	R.FGGESVLAGSIIVRQR.G	20
PLOG-7714	proteomics_log	3331019	3331069	-	6	37	K.RFGGESVLAGSIIVRQR.G	21
PLOG-7715	proteomics_log	3331025	3331066	-	6	772	R.FGGESVLAGSIIVR.Q	18
PLOG-7716	proteomics_log	3331025	3331069	-	6	138	K.RFGGESVLAGSIIVR.Q	19
PLOG-7717	proteomics_log	3331067	3331108	-	6	5	R.NGRDSEAKRLGVKR.F	18
PLOG-7718	proteomics_log	3331165	3331203	-	5	86	R.QWFTDVKITGISA.-	17
PLOG-7719	proteomics_log	3331165	3331221	-	5	115	R.KQQGHRQWFTDVKITGISA.-	23
PLOG-7720	proteomics_log	3331183	3331218	-	5	4	K.QQGHRQWFTDVK.I	16
PLOG-7721	proteomics_log	3331183	3331221	-	5	60	R.KQQGHRQWFTDVK.I	17
PLOG-7722	proteomics_log	3331246	3331293	-	5	7	K.AEVVAHGRGEKVKIVK.F	20
PLOG-7723	proteomics_log	3331255	3331293	-	5	159	K.AEVVAHGRGEKVK.I	17

PLOG-7724	proteomics_log	3331261	3331293	-	5	143	K.AEVVAHGRGEK.V	15
PLOG-7725	proteomics_log	3331270	3331293	-	5	7	K.AEVVAHGR.G	12
PLOG-7726	proteomics_log	3331270	3331329	-	5	17	K.IGVPFVDGGVIKAEVVAHGR.G	24
PLOG-7727	proteomics_log	3331294	3331329	-	5	21	K.IGVPFVDGGVIK.A	16
PLOG-7728	proteomics_log	3331330	3331410	-	5	2	R.LEKLDIATGETVEFAEVLMIANGEEVK.I	31
PLOG-7729	proteomics_log	3331330	3331434	-	5	4	R.VSEGQTVRLEKLDIATGETVEFAEVLMIANGEEVK.I	39
PLOG-7730	proteomics_log	3331402	3331434	-	5	79	R.VSEGQTVRLEK.L	15
PLOG-7731	proteomics_log	3331402	3331473	-	5	3	Y.MYAVFQSGGKQHRVSEGQTVRLEK.L	28
PLOG-7732	proteomics_log	3331411	3331434	-	5	70	R.VSEGQTVR.L	12
PLOG-7733	proteomics_log	3331411	3331437	-	5	3	H.RVSEGQTVR.L	13
PLOG-7734	proteomics_log	3331411	3331443	-	5	8	K.QHRVSEGQTVR.L	15
PLOG-7735	proteomics_log	3331411	3331473	-	5	104	Y.MYAVFQSGGKQHRVSEGQTVR.L	25
PLOG-7736	proteomics_log	3331435	3331464	-	5	2	A.VFQSGGKQHR.V	14
PLOG-7737	proteomics_log	3331435	3331467	-	5	6	Y.AVFQSGGKQHR.V	15
PLOG-7738	proteomics_log	3331435	3331470	-	5	4	M.YAVFQSGGKQHR.V	16
PLOG-7739	proteomics_log	3331435	3331473	-	5	20	Y.M*YAVFQSGGKQHR.V	18
PLOG-7740	proteomics_log	3331435	3331473	-	5	258	Y.MYAVFQSGGKQHR.V	17
PLOG-7741	proteomics_log	3331444	3331473	-	5	15	Y.M*YAVFQSGGK.Q	15
PLOG-7742	proteomics_log	3331444	3331473	-	5	206	Y.MYAVFQSGGK.Q	14
PLOG-7743	proteomics_log	3333260	3333295	-	6	7	R.ALGANIERVKGE.-	16
PLOG-7744	proteomics_log	3333404	3333439	-	6	3	K.LSGAQVM*ATDLR.A	17
PLOG-7745	proteomics_log	3333404	3333439	-	6	84	K.LSGAQVMATDLR.A	16
PLOG-7746	proteomics_log	3333524	3333631	-	6	23	R.TAPHPAFPTDM*QAQFTLLNLVAEGTGFITETVFENR.F	41
PLOG-7747	proteomics_log	3333524	3333631	-	6	184	R.TAPHPAFPTDMQAQFTLLNLVAEGTGFITETVFENR.F	40
PLOG-7748	proteomics_log	3333647	3333721	-	6	4	K.LRDAGADIEVGEDWISLDMHGKRPK.A	29
PLOG-7749	proteomics_log	3333656	3333721	-	6	2	K.LRDAGADIEVGEDWISLDMHGK.R	26
PLOG-7750	proteomics_log	3333722	3333760	-	6	16	R.NAQPDTLDAVLAK.L	17
PLOG-7751	proteomics_log	3333779	3333835	-	6	27	R.VLPDRIETGTFVLAAAIR.G	23
PLOG-7752	proteomics_log	3333893	3333955	-	6	2	R.EPEIVDTANFLITLGAKISGQ.G	25
PLOG-7753	proteomics_log	3334208	3334243	-	6	46	R.ASIWALGPLVAR.F	16
PLOG-7754	proteomics_log	3334352	3334378	-	6	3	K.LKDVDTSM*K.L	14
PLOG-7755	proteomics_log	3334352	3334450	-	6	5	K.NAALPILFAALLAEEPVEIQNVPKLKDVDTSMK.L	37
PLOG-7756	proteomics_log	3334373	3334450	-	6	2	K.NAALPILFAALLAEEPVEIQNVPKL.D	30
PLOG-7757	proteomics_log	3334379	3334450	-	6	121	K.NAALPILFAALLAEEPVEIQNVPK.L	28
PLOG-7758	proteomics_log	3334451	3334516	-	6	3	-.MDKFRVQGPTKLQGEVTISGAK.N	26
PLOG-7759	proteomics_log	3334451	3334516	-	6	3	-.M*DKFRVQGPTKLQGEVTISGAK.N	27
PLOG-7760	proteomics_log	3334988	3335020	-	6	5	K.LYNLPADVLP.R-	15
PLOG-7761	proteomics_log	3335081	3335131	-	6	96	R.VDTGGLALLLHLIDLAK.K	21
PLOG-7762	proteomics_log	3335081	3335140	-	6	2	R.VSRVDTGGLALLLHLIDLAK.K	24
PLOG-7763	proteomics_log	3335281	3335319	-	5	3	K.SISQQKITLEEK.-	17
PLOG-7764	proteomics_log	3335284	3335313	-	5	2	I.SQQKITLEEK.K	14
PLOG-7765	proteomics_log	3335665	3335697	-	5	8	Y.AGALVLGQYYK.S	15
PLOG-7766	proteomics_log	3336019	3336069	-	5	2	K.SAM*VLEDLIGQFLYGSK.G	22
PLOG-7767	proteomics_log	3336019	3336069	-	5	28	K.SAMVLEDLIGQFLYGSK.G	21
PLOG-7768	proteomics_log	3336283	3336318	-	5	11	R.SPVSIGGVVGR.V	16
PLOG-7769	proteomics_log	3337533	3337616	-	4	3	R.AIALEPDLIM*FDEPFVQDPITMGVLVK.L	33

PLOG-7770	proteomics_log	3337533	3337616	-	4	3	R.AIALEPDLIM*FDEPFVGDPTM*GVLVK.L	34
PLOG-7771	proteomics_log	3337533	3337616	-	4	54	R.AIALEPDLIMFDEPFVGDPTM*GVLVK.L	32
PLOG-7772	proteomics_log	3337857	3337931	-	4	2	R.LIGGQIAPDHGEILFDGENIPAMSR.S	29
PLOG-7773	proteomics_log	3342125	3342148	-	6	3	N.NDVARIAR.H	12
PLOG-7774	proteomics_log	3348185	3348265	-	6	10	R.GEIRPLAQADAAELDALIVPGGFGAAK.N	31
PLOG-7775	proteomics_log	3348185	3348274	-	6	92	R.ITRGEIRPLAQADAAELDALIVPGGFGAAK.N	34
PLOG-7776	proteomics_log	3348299	3348388	-	6	5	R.SGAQAVCFAPDKQQVDVINHLTGEAMTETR.N	34
PLOG-7777	proteomics_log	3348861	3348917	-	4	3	K.GIVEEGHKIKGAAGSVGLR.H	23
PLOG-7778	proteomics_log	3348975	3349007	-	4	27	K.LITDGLAVFEK.M	15
PLOG-7779	proteomics_log	3349008	3349067	-	4	2	K.SEALLDIPM*LEQYLELVGPK.L	25
PLOG-7780	proteomics_log	3349008	3349067	-	4	3	K.SEALLDIPMLEQYLELVGPK.L	24
PLOG-7781	proteomics_log	3349008	3349088	-	4	3	V.TTEENSKSEALLDIPM*LEQYLELVGPK.L	32
PLOG-7782	proteomics_log	3349008	3349088	-	4	31	V.TTEENSKSEALLDIPMLEQYLELVGPK.L	31
PLOG-7783	proteomics_log	3349920	3350003	-	4	2	K.VQLDNQPVDFTSFLADLENLSALQAQK.G	32
PLOG-7784	proteomics_log	3371515	3371595	-	5	6	M.ATNLRGVMAALLTPFDQQALDKASLR.R	31
PLOG-7785	proteomics_log	3372377	3372424	-	6	3	R.KKLSEMVEEELEQMIR.R	20
PLOG-7786	proteomics_log	3372452	3372502	-	6	3	L.MNAFDSQTEDSSPAIGR.N	21
PLOG-7787	proteomics_log	3374511	3374555	-	4	8	R.QVSVPLAAVLAIYAR.E	19
PLOG-7788	proteomics_log	3374625	3374657	-	4	2	R.DGQIVLNIAPR.A	15
PLOG-7789	proteomics_log	3374819	3374863	-	6	5	R.DSFLASLTEAEREMR.L	19
PLOG-7790	proteomics_log	3374819	3374875	-	6	81	R.VFERDSFLASLTEAEREMR.L	23
PLOG-7791	proteomics_log	3374828	3374863	-	6	14	R.DSFLASLTEAER.E	16
PLOG-7792	proteomics_log	3374900	3374941	-	6	35	R.LPQLGIEFSGPGAK.E	18
PLOG-7793	proteomics_log	3375056	3375127	-	6	3	R.IEKDWYTLMNTIINGSASEADAAR.K	28
PLOG-7794	proteomics_log	3375143	3375223	-	6	2	R.IIMEYLDERFPHPLMPVYPVARGESR.L	31
PLOG-7795	proteomics_log	3375155	3375223	-	6	59	R.IIMEYLDERFPHPLMPVYPVAR.G	27
PLOG-7796	proteomics_log	3375197	3375223	-	6	2	R.IIMEYLDER.F	13
PLOG-7797	proteomics_log	3375365	3375418	-	6	76	R.SVMTLFSGPTDIYSHQVR.I	22
PLOG-7798	proteomics_log	3375365	3375421	-	6	2	K.RSVMTLFSGPTDIYSHQVR.I	23
PLOG-7799	proteomics_log	3375365	3375439	-	6	5	M.AVAANKRSVM*TLFSGPTDIYSHQVR.I	30
PLOG-7800	proteomics_log	3375840	3375860	-	4	2	R.RPQFSKR.-	11
PLOG-7801	proteomics_log	3375864	3375890	-	4	3	R.KKVGLRKAR.R	13
PLOG-7802	proteomics_log	3375873	3375902	-	4	2	R.QVERKKVGLR.K	14
PLOG-7803	proteomics_log	3375912	3375944	-	4	14	R.SELRKAGFVTR.D	15
PLOG-7804	proteomics_log	3375912	3375974	-	4	17	R.ALMEYDESLRSELRKAGFVTR.D	25
PLOG-7805	proteomics_log	3375930	3375974	-	4	2	R.ALMEYDESLRSELRK.A	19
PLOG-7806	proteomics_log	3375933	3375974	-	4	63	R.ALMEYDESLRSELR.K	18
PLOG-7807	proteomics_log	3375945	3375974	-	4	30	R.ALM*EYDESLR.S	15
PLOG-7808	proteomics_log	3375945	3375974	-	4	208	R.ALMEYDESLR.S	14
PLOG-7809	proteomics_log	3375975	3376013	-	4	24	I.SGQAGAIRHGITR.A	17
PLOG-7810	proteomics_log	3375975	3376025	-	4	84	K.GGGISGQAGAIRHGITR.A	21
PLOG-7811	proteomics_log	3375975	3376049	-	4	14	K.LDLYITVKGGGISGQAGAIRHGITR.A	29
PLOG-7812	proteomics_log	3375975	3376094	-	4	7	R.M*VVRQPLELVD*VEKLDLYITVKGGGISGQAGAIRHGITR.A	46
PLOG-7813	proteomics_log	3375975	3376094	-	4	10	R.MVVRQPLELVD*VEKLDLYITVKGGGISGQAGAIRHGITR.A	44
PLOG-7814	proteomics_log	3375990	3376025	-	4	131	K.GGGISGQAGAIR.H	16
PLOG-7815	proteomics_log	3375990	3376046	-	4	14	L.DLYITVKGGGISGQAGAIR.H	23



PLOG-7816	proteomics_log	3375990	3376049	-	4	12	K.LDLYITVKGGGISGQAGAIR.H	24
PLOG-7817	proteomics_log	3375990	3376070	-	4	10	E.LVDM*VEKLDLYITVKGGGISGQAGAIR.H	32
PLOG-7818	proteomics_log	3375990	3376082	-	4	55	R.QPLELVDMEKLDLYITVKGGGISGQAGAIR.H	35
PLOG-7819	proteomics_log	3375990	3376094	-	4	3	R.M*VVRQPLELVDMEKLDLYITVKGGGISGQAGAIR.H	40
PLOG-7820	proteomics_log	3375990	3376094	-	4	3	R.M*VVRQPLELVDMEKLDLYITVKGGGISGQAGAIR.H	41
PLOG-7821	proteomics_log	3375990	3376094	-	4	287	R.MVVRQPLELVDMEKLDLYITVKGGGISGQAGAIR.H	39
PLOG-7822	proteomics_log	3376026	3376049	-	4	88	K.LDLYITVK.G	12
PLOG-7823	proteomics_log	3376026	3376082	-	4	368	R.QPLELVDMEKLDLYITVK.G	23
PLOG-7824	proteomics_log	3376026	3376094	-	4	21	R.MVVRQPLELVDMEKLDLYITVK.G	28
PLOG-7825	proteomics_log	3376026	3376094	-	4	21	R.M*VVRQPLELVDMEKLDLYITVK.G	29
PLOG-7826	proteomics_log	3376026	3376094	-	4	215	R.M*VVRQPLELVDMEKLDLYITVK.G	28
PLOG-7827	proteomics_log	3376026	3376094	-	4	1447	R.MVVRQPLELVDMEKLDLYITVK.G	27
PLOG-7828	proteomics_log	3376026	3376109	-	4	3	G.RETARMVVRQPLELVDMEKLDLYITVK.G	32
PLOG-7829	proteomics_log	3376050	3376082	-	4	2	R.QPLELVDMEK.L	15
PLOG-7830	proteomics_log	3376050	3376094	-	4	4	R.M*VVRQPLELVDMEK.L	21
PLOG-7831	proteomics_log	3376050	3376094	-	4	11	R.MVVRQPLELVDMEK.L	20
PLOG-7832	proteomics_log	3376050	3376094	-	4	15	R.M*VVRQPLELVDMEK.L	20
PLOG-7833	proteomics_log	3376050	3376094	-	4	172	R.MVVRQPLELVDMEK.L	19
PLOG-7834	proteomics_log	3376095	3376130	-	4	75	R.SLEQYFGRETAR.M	16
PLOG-7835	proteomics_log	3376104	3376130	-	4	107	R.SLEQYFGRE.T	13
PLOG-7836	proteomics_log	3376107	3376130	-	4	230	R.SLEQYFGR.E	12
PLOG-7837	proteomics_log	3376131	3376163	-	4	10	K.PGNGKIVINQR.S	15
PLOG-7838	proteomics_log	3376131	3376175	-	4	380	R.VFIKPGNGKIVINQR.S	19
PLOG-7839	proteomics_log	3376131	3376190	-	4	3	K.SSAARVFIKPGNGKIVINQR.S	24
PLOG-7840	proteomics_log	3376149	3376175	-	4	73	R.VFIKPGNGK.I	13
PLOG-7841	proteomics_log	3376197	3376226	-	4	314	M.AENQYYGTGR.R	14
PLOG-7842	proteomics_log	3376248	3376304	-	4	153	K.VYAGNEHNHAAQQPVLDI.-	23
PLOG-7843	proteomics_log	3376248	3376310	-	4	156	K.LKVYAGNEHNHAAQQPVLDI.-	25
PLOG-7844	proteomics_log	3376248	3376313	-	4	101	R.KLKVYAGNEHNHAAQQPVLDI.-	26
PLOG-7845	proteomics_log	3376248	3376325	-	4	2	R.AMFRKLVYAGNEHNHAAQQPVLDI.-	30
PLOG-7846	proteomics_log	3376269	3376304	-	4	49	K.VYAGNEHNHAAQ.Q	16
PLOG-7847	proteomics_log	3376326	3376355	-	4	5	K.GMLPKGPLGR.A	14
PLOG-7848	proteomics_log	3376326	3376376	-	4	5	R.VIEIAVKGM*LPKGPLGR.A	22
PLOG-7849	proteomics_log	3376326	3376376	-	4	277	R.VIEIAVKGMPKGPLGR.A	21
PLOG-7850	proteomics_log	3376326	3376388	-	4	27	R.RPERVIEIAVKGMPKGPLGR.A	25
PLOG-7851	proteomics_log	3376341	3376376	-	4	4	R.VIEIAVKGM*LPK.G	17
PLOG-7852	proteomics_log	3376341	3376376	-	4	164	R.VIEIAVKGM.LPK.G	16
PLOG-7853	proteomics_log	3376356	3376376	-	4	12	R.VIEIAVK.G	11
PLOG-7854	proteomics_log	3376356	3376388	-	4	110	R.RPERVIEIAVK.G	15
PLOG-7855	proteomics_log	3376389	3376418	-	4	2	K.QATFEEM*IAR.R	15
PLOG-7856	proteomics_log	3376389	3376418	-	4	106	K.QATFEEM.IAR.R	14
PLOG-7857	proteomics_log	3376389	3376457	-	4	8	K.VYYHHTGHIGGIKQATFEEM.IAR.R	27
PLOG-7858	proteomics_log	3376389	3376466	-	4	3	R.TDKVYYHHTGHIGGIKQATFEEM.IAR.R	30
PLOG-7859	proteomics_log	3376419	3376457	-	4	3	K.VYYHHTGHIGGIK.Q	17
PLOG-7860	proteomics_log	3376419	3376466	-	4	16	R.TDKVYYHHTGHIGGIK.Q	20
PLOG-7861	proteomics_log	3376467	3376550	-	4	6	K.AEYTPHVDTGDIIVLNADKVAVTGNKR.T	32

PLOG-7862	proteomics_log	3376470	3376550	-	4	9	K.AEYTPHVDTDGYIIVLNADKVAVTGNK.R	31
PLOG-7863	proteomics_log	3376470	3376556	-	4	6	K.HKAEYTPHVDTDGYIIVLNADKVAVTGNK.R	33
PLOG-7864	proteomics_log	3376491	3376550	-	4	9	K.AEYTPHVDTDGYIIVLNADK.V	24
PLOG-7865	proteomics_log	3376491	3376556	-	4	10	K.HKAEYTPHVDTDGYIIVLNADK.V	26
PLOG-7866	proteomics_log	3376491	3376562	-	4	3	R.GKHKAEYTPHVDTDGYIIVLNADK.V	28
PLOG-7867	proteomics_log	3376572	3376592	-	4	2	R.LATELAR.R	11
PLOG-7868	proteomics_log	3376572	3376604	-	4	29	K.TLGRATELAR.R	15
PLOG-7869	proteomics_log	3376572	3376634	-	4	11	R.DWYVVDATGKTLGRATELAR.R	25
PLOG-7870	proteomics_log	3376572	3376673	-	4	3	L.MKTFTAKPETVKRDWYVVDATGKTLGRATELAR.R	38
PLOG-7871	proteomics_log	3376593	3376634	-	4	133	R.DWYVVDATGKTLGR.L	18
PLOG-7872	proteomics_log	3376593	3376637	-	4	21	K.RDWYVVDATGKTLGR.L	19
PLOG-7873	proteomics_log	3376593	3376646	-	4	45	E.TVKRDWYVVDATGKTLGR.L	22
PLOG-7874	proteomics_log	3376593	3376667	-	4	7	K.TFTAKPETVKRDWYVVDATGKTLGR.L	29
PLOG-7875	proteomics_log	3376593	3376673	-	4	6	L.M*KTFTAKPETVKRDWYVVDATGKTLGR.L	32
PLOG-7876	proteomics_log	3376593	3376673	-	4	188	L.MKTFTAKPETVKRDWYVVDATGKTLGR.L	31
PLOG-7877	proteomics_log	3376605	3376634	-	4	57	R.DWYVVDATGK.T	14
PLOG-7878	proteomics_log	3376605	3376637	-	4	24	K.RDWYVVDATGK.T	15
PLOG-7879	proteomics_log	3376605	3376667	-	4	2	K.TFTAKPETVKRDWYVVDATGK.T	25
PLOG-7880	proteomics_log	3376605	3376673	-	4	5	L.M*KTFTAKPETVKRDWYVVDATGK.T	28
PLOG-7881	proteomics_log	3376605	3376673	-	4	206	L.MKTFTAKPETVKRDWYVVDATGK.T	27
PLOG-7882	proteomics_log	3376635	3376667	-	4	96	K.TFTAKPETVKR.D	15
PLOG-7883	proteomics_log	3376635	3376673	-	4	33	L.M*KTFTAKPETVKR.D	18
PLOG-7884	proteomics_log	3376635	3376673	-	4	266	L.MKTFTAKPETVKR.D	17
PLOG-7885	proteomics_log	3376638	3376667	-	4	6	K.TFTAKPETVK.R	14
PLOG-7886	proteomics_log	3376638	3376673	-	4	6	L.M*KTFTAKPETVK.R	17
PLOG-7887	proteomics_log	3376638	3376673	-	4	96	L.MKTFTAKPETVK.R	16
PLOG-7888	proteomics_log	3377876	3377917	-	6	2	I.IYQELINSTPPAPR.T	18
PLOG-7889	proteomics_log	3377927	3377983	-	6	2	K.ALNEGSHQPDDVQKEAVSR.L	23
PLOG-7890	proteomics_log	3377942	3377983	-	6	3	K.ALNEGSHQPDDVQK.E	18
PLOG-7891	proteomics_log	3378570	3378596	-	4	5	R.ASTQQAGCA.F	13
PLOG-7892	proteomics_log	3381355	3381387	-	5	302	K.DIALGEEFVNK.-	15
PLOG-7893	proteomics_log	3381355	3381390	-	5	40	K.KDIALGEEFVNK.-	16
PLOG-7894	proteomics_log	3381355	3381453	-	5	209	K.SIGTLSAFEQNALEGM*LDTLKKDIALGEEFVNK.-	38
PLOG-7895	proteomics_log	3381355	3381453	-	5	454	K.SIGTLSAFEQNALEGMMLDTLKKDIALGEEFVNK.-	37
PLOG-7896	proteomics_log	3381355	3381456	-	5	148	R.KSIGTLSAFEQNALEGM*LDTLKKDIALGEEFVNK.-	39
PLOG-7897	proteomics_log	3381355	3381456	-	5	526	R.KSIGTLSAFEQNALEGMMLDTLKKDIALGEEFVNK.-	38
PLOG-7898	proteomics_log	3381355	3381474	-	5	5	K.NGVEERKSIGTLSAFEQNALEGM*LDTLKKDIALGEEFVNK.-	45
PLOG-7899	proteomics_log	3381355	3381474	-	5	86	K.NGVEERKSIGTLSAFEQNALEGMMLDTLKKDIALGEEFVNK.-	44
PLOG-7900	proteomics_log	3381385	3381453	-	5	2	K.SIGTLSAFEQNALEGM*LDTLKKD.I	28
PLOG-7901	proteomics_log	3381388	3381453	-	5	195	K.SIGTLSAFEQNALEGMMLDTLKK.D	26
PLOG-7902	proteomics_log	3381388	3381456	-	5	26	R.KSIGTLSAFEQNALEGM*LDTLKK.D	28
PLOG-7903	proteomics_log	3381388	3381456	-	5	291	R.KSIGTLSAFEQNALEGMMLDTLKK.D	27
PLOG-7904	proteomics_log	3381388	3381480	-	5	6	L.GKNGVEERKSIGTLSAFEQNALEGMMLDTLKK.D	35
PLOG-7905	proteomics_log	3381388	3381504	-	5	3	R.FFSQPLLLGKNGVEERKSIGTLSAFEQNALEGMMLDTLKK.D	43
PLOG-7906	proteomics_log	3381391	3381453	-	5	83	K.SIGTLSAFEQNALEGMMLTLK.K	25
PLOG-7907	proteomics_log	3381391	3381456	-	5	140	R.KSIGTLSAFEQNALEGMMLTLK.K	26

PLOG-7908	proteomics_log	3381409	3381456	-	5	7	R.KSIGTLSAFEQNALEG.M	20
PLOG-7909	proteomics_log	3381454	3381474	-	5	2	K.NGVEERK.S	11
PLOG-7910	proteomics_log	3381454	3381492	-	5	2	Q.PLLLGKNGVEERK.S	17
PLOG-7911	proteomics_log	3381454	3381504	-	5	65	R.FFSQPLLLGKNGVEERK.S	21
PLOG-7912	proteomics_log	3381457	3381492	-	5	15	Q.PLLLGKNGVEER.K	16
PLOG-7913	proteomics_log	3381457	3381504	-	5	285	R.FFSQPLLLGKNGVEER.K	20
PLOG-7914	proteomics_log	3381475	3381504	-	5	307	R.FFSQPLLLGK.N	14
PLOG-7915	proteomics_log	3381481	3381504	-	5	10	R.FFSQPLLL.G	12
PLOG-7916	proteomics_log	3381484	3381504	-	5	6	R.FFSQPLL.L	11
PLOG-7917	proteomics_log	3381505	3381537	-	5	3	C.AYVEGDGQYAR.F	15
PLOG-7918	proteomics_log	3381571	3381591	-	5	4	R.FGLSLVR.A	11
PLOG-7919	proteomics_log	3381571	3381639	-	5	21	K.AGGGSATLSMGQAAARFGLSLVR.A	27
PLOG-7920	proteomics_log	3381592	3381639	-	5	236	K.AGGGSATLSM*GQAAAR.F	21
PLOG-7921	proteomics_log	3381592	3381639	-	5	395	K.AGGGSATLSMGQAAAR.F	20
PLOG-7922	proteomics_log	3381592	3381675	-	5	4	R.IQNAGTEVVEAKAGGGSATLSM*GQAAAR.F	33
PLOG-7923	proteomics_log	3381592	3381675	-	5	33	R.IQNAGTEVVEAKAGGGSATLSMGQAAAR.F	32
PLOG-7924	proteomics_log	3381592	3381678	-	5	2	K.RIQNAGTEVVEAKAGGGSATLSM*GQAAAR.F	34
PLOG-7925	proteomics_log	3381592	3381678	-	5	66	K.RIQNAGTEVVEAKAGGGSATLSMGQAAAR.F	33
PLOG-7926	proteomics_log	3381598	3381639	-	5	4	K.AGGGSATLSM*GQAA.A	19
PLOG-7927	proteomics_log	3381601	3381639	-	5	4	K.AGGGSATLSM*GQA.A	18
PLOG-7928	proteomics_log	3381604	3381639	-	5	8	K.AGGGSATLSM*GQ.A	17
PLOG-7929	proteomics_log	3381640	3381675	-	5	243	R.IQNAGTEVVEAK.A	16
PLOG-7930	proteomics_log	3381640	3381678	-	5	259	K.RIQNAGTEVVEAK.A	17
PLOG-7931	proteomics_log	3381640	3381723	-	5	2	V.PGVSFTEQEVDLTKRIQNAGTEVVEAK.A	32
PLOG-7932	proteomics_log	3381676	3381723	-	5	42	V.PGVSFTEQEVDLTKR.I	20
PLOG-7933	proteomics_log	3381676	3381726	-	5	7	Q.VPGVSFTEQEVDLTKR.I	21
PLOG-7934	proteomics_log	3381676	3381771	-	5	49	V.IGGHSGVTILPLLSQVPGVSFTEQEVDLTKR.I	36
PLOG-7935	proteomics_log	3381676	3381798	-	5	19	K.QPGEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVDLTKR.I	45
PLOG-7936	proteomics_log	3381676	3381804	-	5	40	K.GKQPGEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVDLTKR.I	47
PLOG-7937	proteomics_log	3381679	3381723	-	5	2	V.PGVSFTEQEVDLTKR.R	19
PLOG-7938	proteomics_log	3381679	3381738	-	5	10	P.LLSQVPGVSFTEQEVDLTKR.R	24
PLOG-7939	proteomics_log	3381679	3381798	-	5	44	K.QPGEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVDLTKR.R	44
PLOG-7940	proteomics_log	3381679	3381804	-	5	72	K.GKQPGEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVDLTKR.R	46
PLOG-7941	proteomics_log	3381799	3381831	-	5	95	R.SNTFVAELKQK.Q	15
PLOG-7942	proteomics_log	3381805	3381831	-	5	88	R.SNTFVAELK.G	13
PLOG-7943	proteomics_log	3381832	3381864	-	5	248	K.LFGVTTLDIIR.S	15
PLOG-7944	proteomics_log	3381832	3381870	-	5	148	K.NKLFVTTLDIIR.S	17
PLOG-7945	proteomics_log	3381832	3381888	-	5	631	K.AGVYDKNKLFVTTLDIIR.S	23
PLOG-7946	proteomics_log	3381832	3381891	-	5	158	K.KAGVYDKNKLFVTTLDIIR.S	24
PLOG-7947	proteomics_log	3381832	3381933	-	5	2	N.PVNTTVAIAAEVLKAGVYDKNKLFVTTLDIIR.S	38
PLOG-7948	proteomics_log	3381844	3381888	-	5	3	K.AGVYDKNKLFVTTL.D	19
PLOG-7949	proteomics_log	3381865	3381888	-	5	58	K.AGVYDKNK.L	12
PLOG-7950	proteomics_log	3381865	3381891	-	5	33	K.KAGVYDKNK.L	13
PLOG-7951	proteomics_log	3381889	3381933	-	5	15	N.PVNTTVAIAAEVLK.A	19
PLOG-7952	proteomics_log	3381889	3381936	-	5	27	T.NPVNTTVAIAAEVLK.A	20
PLOG-7953	proteomics_log	3381889	3381939	-	5	2	I.TNPVNTTVAIAAEVLK.A	21

PLOG-7954	proteomics_log	3381889	3381942	-	5	17	I.ITNPVNTTVAIAAEVLKK.A	22
PLOG-7955	proteomics_log	3381889	3381951	-	5	3	C.IGIITNPVNTTVAIAAEVLKK.A	25
PLOG-7956	proteomics_log	3381889	3381969	-	5	6	K.TCPKACIGIITNPVNTTVAIAAEVLKK.A	31
PLOG-7957	proteomics_log	3381892	3381990	-	5	8	N.LVQQVAKTCPKACIGIITNPVNTTVAIAAEVLK.K	37
PLOG-7958	proteomics_log	3381967	3382047	-	5	11	R.KPGMDRSDLFNVNAGIVKNLVQQVAKT.C	31
PLOG-7959	proteomics_log	3381970	3381993	-	5	194	K.NLVQQVAK.T	12
PLOG-7960	proteomics_log	3381970	3382029	-	5	332	R.SDLFNVNAGIVKNLVQQVAK.T	24
PLOG-7961	proteomics_log	3381970	3382047	-	5	7	R.KPGM*DRSDLFNVNAGIVKNLVQQVAK.T	31
PLOG-7962	proteomics_log	3381970	3382047	-	5	132	R.KPGMDRSDLFNVNAGIVKNLVQQVAK.T	30
PLOG-7963	proteomics_log	3381994	3382029	-	5	223	R.SDLFNVNAGIVK.N	16
PLOG-7964	proteomics_log	3381994	3382041	-	5	2	P.GMDRSDLFNVNAGIVK.N	20
PLOG-7965	proteomics_log	3381994	3382047	-	5	8	R.KPGM*DRSDLFNVNAGIVK.N	23
PLOG-7966	proteomics_log	3381994	3382047	-	5	257	R.KPGMDRSDLFNVNAGIVK.N	22
PLOG-7967	proteomics_log	3382030	3382122	-	5	7	K.GFSGEDATPALEGADVVLISAGVARKPGMDR.S	35
PLOG-7968	proteomics_log	3382030	3382128	-	5	38	K.IKGFSGEDATPALEGADVVLISAGVARKPGMDR.S	37
PLOG-7969	proteomics_log	3382048	3382122	-	5	104	K.GFSGEDATPALEGADVVLISAGVAR.K	29
PLOG-7970	proteomics_log	3382048	3382128	-	5	184	K.IKGFSGEDATPALEGADVVLISAGVAR.K	31
PLOG-7971	proteomics_log	3382048	3382185	-	5	2	I.APVTPGVAVDLSHIPTAVKIKGFSGEDATPALEGADVVLISAGVAR.K	50
PLOG-7972	proteomics_log	3382123	3382227	-	5	83	K.TQLPSGSELSLYDIAPVTPGVAVDLSHIPTAVKIK.G	39
PLOG-7973	proteomics_log	3382129	3382173	-	5	3	T.PGVAVDLSHIPTAVK.I	19
PLOG-7974	proteomics_log	3382129	3382182	-	5	35	A.PVTPGVAVDLSHIPTAVK.I	22
PLOG-7975	proteomics_log	3382129	3382194	-	5	2	L.YDIAPVTPGVAVDLSHIPTAVK.I	26
PLOG-7976	proteomics_log	3382129	3382227	-	5	219	K.TQLPSGSELSLYDIAPVTPGVAVDLSHIPTAVK.I	37
PLOG-7977	proteomics_log	3382162	3382290	-	5	13	R.MKVAVLGAAGGIGQALALLLKTQLPSGSELSLYDIAPVTPGVA.V	47
PLOG-7978	proteomics_log	3382168	3382290	-	5	2	R.MKVAVLGAAGGIGQALALLLKTQLPSGSELSLYDIAPVTPG.V	45
PLOG-7979	proteomics_log	3382192	3382227	-	5	2	K.TQLPSGSELSLY.D	16
PLOG-7980	proteomics_log	3382228	3382263	-	5	22	A.GGIGQALALLLK.T	16
PLOG-7981	proteomics_log	3382228	3382272	-	5	2	L.GAAGGIGQALALLLK.T	19
PLOG-7982	proteomics_log	3382228	3382275	-	5	4	V.LGAAGGIGQALALLLK.T	20
PLOG-7983	proteomics_log	3382228	3382284	-	5	1239	K.VAVLGAAGGIGQALALLLK.T	23
PLOG-7984	proteomics_log	3382228	3382290	-	5	425	R.M*KVAVLGAAGGIGQALALLLK.T	26
PLOG-7985	proteomics_log	3382228	3382290	-	5	1420	R.MKVAVLGAAGGIGQALALLLK.T	25
PLOG-7986	proteomics_log	3382240	3382284	-	5	3	K.VAVLGAAGGIGQALA.L	19
PLOG-7987	proteomics_log	3382243	3382284	-	5	7	K.VAVLGAAGGIGQALA.A	18
PLOG-7988	proteomics_log	3383897	3383956	-	6	2	R.FGALILLFDEAEELHGLR.F	24
PLOG-7989	proteomics_log	3383969	3384052	-	6	4	R.DLDSLWDVLMNDVLPLEIEFVHLGEK.T	32
PLOG-7990	proteomics_log	3389385	3389429	-	4	2	R.FGYEFFLADLDGEVR.A	19
PLOG-7991	proteomics_log	3389499	3389597	-	4	4	R.VQEVNTASLSGVYELILVAATDGTAAADVRPLVR.L	37
PLOG-7992	proteomics_log	3389844	3389891	-	4	2	R.IIKDGSYNIDQGVGVR.A	20
PLOG-7993	proteomics_log	3389958	3389999	-	4	16	K.HQDLFAILGQLAER.R	18
PLOG-7994	proteomics_log	3389958	3390047	-	4	26	M.SLNLVSEQLLAANGLKHQDLFAILGQLAER.R	34
PLOG-7995	proteomics_log	3390000	3390047	-	4	4	M.SLNLVSEQLLAANGLK.H	20
PLOG-7996	proteomics_log	3393119	3393208	-	6	6	R.NFHLHWVMFGAPHNRAARLTLWRWISRFR.R.Q	34
PLOG-7997	proteomics_log	3394351	3394401	-	5	4	K.VQIEPLYNQEQFDVVM*M*.-	23
PLOG-7998	proteomics_log	3394819	3394875	-	5	2	R.NLDDTIFNTNIEATQAIAR.Q	23
PLOG-7999	proteomics_log	3395626	3395673	-	5	2	R.VLPGMQAAFVDIGLDK.A	20

PLOG-8000	proteomics_log	3395773	3395814	-	5	5	M.TAELLVNVTPSETR.V	18
PLOG-8001	proteomics_log	3395773	3395814	-	5	5	M.TAELLVNVTPSETR.V	18
PLOG-8002	proteomics_log	3395834	3395917	-	6	6	R.KINGSYHAVVGLPLVETYELLSNFNALR.E	32
PLOG-8003	proteomics_log	3396260	3396322	-	6	4	R.IVTGIEEQRPQESAQQYVVR.L	25
PLOG-8004	proteomics_log	3397930	3397965	-	5	2	T.DSPYSGGAGGAR.H	16
PLOG-8005	proteomics_log	3398069	3398116	-	6	3	K.ALEM*IDM*HGGDLFSEE.-	22
PLOG-8006	proteomics_log	3398069	3398116	-	6	193	K.ALEMIDMHGGDLFSEE.-	20
PLOG-8007	proteomics_log	3398069	3398128	-	6	37	R.GGGKALEMIDMHGGDLFSEE.-	24
PLOG-8008	proteomics_log	3398126	3398194	-	6	11	R.LLM*EETGIPVVVAEDPLTCVARG.G	28
PLOG-8009	proteomics_log	3398126	3398194	-	6	373	R.LLMEETGIPVVVAEDPLTCVARG.G	27
PLOG-8010	proteomics_log	3398126	3398206	-	6	5	R.NLDRLLM*EETGIPVVVAEDPLTCVARG.G	32
PLOG-8011	proteomics_log	3398126	3398206	-	6	204	R.NLDRLLMEETGIPVVVAEDPLTCVARG.G	31
PLOG-8012	proteomics_log	3398126	3398242	-	6	2	R.GM*VLTGGGALLRNLDRLM*EETGIPVVVAEDPLTCVARG.G	45
PLOG-8013	proteomics_log	3398126	3398242	-	6	17	R.GMVLTTGGGALLRNLDRLMEETGIPVVVAEDPLTCVARG.G	43
PLOG-8014	proteomics_log	3398129	3398194	-	6	2	R.LLMEETGIPVVVAEDPLTCVAR.G	26
PLOG-8015	proteomics_log	3398129	3398206	-	6	8	R.NLDRLLMEETGIPVVVAEDPLTCVAR.G	30
PLOG-8016	proteomics_log	3398129	3398242	-	6	3	R.GMVLTTGGGALLRNLDRLMEETGIPVVVAEDPLTCVAR.G	42
PLOG-8017	proteomics_log	3398141	3398194	-	6	4	R.LLM*EETGIPVVVAEDPLT.C	23
PLOG-8018	proteomics_log	3398207	3398242	-	6	5	R.GM*VLTGGGALLR.N	17
PLOG-8019	proteomics_log	3398207	3398242	-	6	167	R.GMVLTTGGGALLR.N	16
PLOG-8020	proteomics_log	3398240	3398368	-	6	3	R.GFTLNSNEILEALQEPLTGIVSAVM*VALEQCPELASDISERG.M	48
PLOG-8021	proteomics_log	3398240	3398368	-	6	96	R.GFTLNSNEILEALQEPLTGIVSAVMVALEQCPELASDISERG.M	47
PLOG-8022	proteomics_log	3398243	3398368	-	6	5	R.GFTLNSNEILEALQEPLTGIVSAVMVALEQCPELASDISER.G	46
PLOG-8023	proteomics_log	3398369	3398392	-	6	24	R.NLAEGVPR.G	12
PLOG-8024	proteomics_log	3398369	3398398	-	6	71	R.GRNLAEGVPR.G	14
PLOG-8025	proteomics_log	3398393	3398458	-	6	6	R.IKHEIGSAYPGDEVREIEVRGR.N	26
PLOG-8026	proteomics_log	3398399	3398458	-	6	72	R.IKHEIGSAYPGDEVREIEVR.G	24
PLOG-8027	proteomics_log	3398399	3398497	-	6	3	R.NYGLSFIGEATAERIKHEIGSAYPGDEVREIEVR.G	37
PLOG-8028	proteomics_log	3398399	3398500	-	6	2	R.RNYGLSFIGEATAERIKHEIGSAYPGDEVREIEVR.G	38
PLOG-8029	proteomics_log	3398414	3398458	-	6	34	R.IKHEIGSAYPGDEVREIEVR.E	19
PLOG-8030	proteomics_log	3398459	3398497	-	6	106	R.NYGLSFIGEATAER.I	17
PLOG-8031	proteomics_log	3398459	3398500	-	6	47	R.RNYGLSFIGEATAER.I	18
PLOG-8032	proteomics_log	3398459	3398545	-	6	2	R.IGGDRFDEAIINYVRRNYGLSFIGEATAER.I	33
PLOG-8033	proteomics_log	3398498	3398545	-	6	85	R.IGGDRFDEAIINYVRR.N	20
PLOG-8034	proteomics_log	3398501	3398545	-	6	177	R.IGGDRFDEAIINYVR.R	19
PLOG-8035	proteomics_log	3398702	3398737	-	6	180	R.AIRESAQGAGAR.E	16
PLOG-8036	proteomics_log	3398702	3398740	-	6	23	R.RAIRESAQGAGAR.E	17
PLOG-8037	proteomics_log	3398741	3398782	-	6	3	R.VLVCVPVGATQVER.R	18
PLOG-8038	proteomics_log	3398783	3398821	-	6	7	K.QVHSNSFMRPSPR.V	17
PLOG-8039	proteomics_log	3398783	3398842	-	6	17	K.MLQHFIKQVHSNSFMRPSPR.V	24
PLOG-8040	proteomics_log	3398822	3398842	-	6	17	K.MLQHFIK.Q	11
PLOG-8041	proteomics_log	3398843	3398878	-	6	4	K.DGVIADFFVTEK.M	16
PLOG-8042	proteomics_log	3398843	3398914	-	6	9	R.TPGNIAAIRPM*KDGVIAFFVTEK.M	29
PLOG-8043	proteomics_log	3398843	3398914	-	6	129	R.TPGNIAAIRPMKDGVIAFFVTEK.M	28
PLOG-8044	proteomics_log	3398843	3398929	-	6	2	K.QM*LGRTPGNIAAIRPM*KDGVIAFFVTEK.M	35
PLOG-8045	proteomics_log	3398843	3398929	-	6	11	K.QMLGRTPGNIAAIRPMKDGVIAFFVTEK.M	33

PLOG-8046	proteomics_log	3398846	3398878	-	6	2	K.DGVIADFFVTE.K	15
PLOG-8047	proteomics_log	3398915	3398959	-	6	18	K.SVAAVGHDAKQMLGR.T	19
PLOG-8048	proteomics_log	3398930	3398959	-	6	94	K.SVAAVGHDAK.Q	14
PLOG-8049	proteomics_log	3398930	3398974	-	6	41	R.AGSPKSVAAVGHDAK.Q	19
PLOG-8050	proteomics_log	3398984	3399028	-	6	7	K.GQGIVLNEPSVVAIR.Q	19
PLOG-8051	proteomics_log	3399029	3399091	-	6	6	R.GMFSNDLSIDLGTANTLIYVK.G	25
PLOG-8052	proteomics_log	3428069	3428161	-	6	10	R.NADGLGMLVAQAAHAFLLWHGVLPDVEPVIK.Q	35
PLOG-8053	proteomics_log	3428648	3428755	-	6	2	R.VLAPINDFINTLNAFFSAGGKGANVTVPFKEEFAR.A	40
PLOG-8054	proteomics_log	3428693	3428755	-	6	37	R.VLAPINDFINTLNAFFSAGGK.G	25
PLOG-8055	proteomics_log	3429375	3429416	-	4	10	R.DAIAAIDVLENER.V	18
PLOG-8056	proteomics_log	3435103	3435186	-	5	2	C.CEAAIKNTSSPASTM*VEPCGRMGRSWRK.I	33
PLOG-8057	proteomics_log	3436066	3436101	-	5	2	A.KSTTFPRIANSR.N	16
PLOG-8058	proteomics_log	3436297	3436359	-	5	5	F.FRFSLLISLIAIKM*AKATIRK.S	26
PLOG-8059	proteomics_log	3437641	3437667	-	5	27	R.SEKAEAAAE.-	13
PLOG-8060	proteomics_log	3437641	3437712	-	5	5	R.AGDNAPM*AYIELVDRSEKAEAAAE.-	29
PLOG-8061	proteomics_log	3437641	3437712	-	5	219	R.AGDNAPMAYIELVDRSEKAEAAAE.-	28
PLOG-8062	proteomics_log	3437641	3437724	-	5	2	K.CGFRAGDNAPMAYIELVDRSEKAEAAAE.-	32
PLOG-8063	proteomics_log	3437659	3437712	-	5	54	R.AGDNAPMAYIELVDRSEK.A	22
PLOG-8064	proteomics_log	3437668	3437712	-	5	34	R.AGDNAPM*AYIELVDR.S	20
PLOG-8065	proteomics_log	3437668	3437712	-	5	281	R.AGDNAPMAYIELVDR.S	19
PLOG-8066	proteomics_log	3437725	3437751	-	5	5	R.AGGYTRILK.C	13
PLOG-8067	proteomics_log	3437734	3437763	-	5	6	R.FASRAGGYTR.I	14
PLOG-8068	proteomics_log	3437752	3437787	-	5	3	K.LFNELGPRFASR.A	16
PLOG-8069	proteomics_log	3437752	3437808	-	5	6	R.DNEIVAKLFNELGPRFASR.A	23
PLOG-8070	proteomics_log	3437752	3437814	-	5	28	R.TRDNEIVAKLFNELGPRFASR.A	25
PLOG-8071	proteomics_log	3437755	3437814	-	5	9	R.TRDNEIVAKLFNELGPRFASR.R	24
PLOG-8072	proteomics_log	3437761	3437787	-	5	33	K.LFNELGPRF.A	13
PLOG-8073	proteomics_log	3437764	3437787	-	5	320	K.LFNELGPR.F	12
PLOG-8074	proteomics_log	3437764	3437808	-	5	87	R.DNEIVAKLFNELGPR.F	19
PLOG-8075	proteomics_log	3437764	3437814	-	5	432	R.TRDNEIVAKLFNELGPR.F	21
PLOG-8076	proteomics_log	3437764	3437829	-	5	3	R.LAFARTRDNEIVAKLFNELGPR.F	26
PLOG-8077	proteomics_log	3437764	3437838	-	5	3	A.NRRLAFARTRDNEIVAKLFNELGPR.F	29
PLOG-8078	proteomics_log	3437788	3437808	-	5	26	R.DNEIVAK.L	11
PLOG-8079	proteomics_log	3437788	3437814	-	5	89	R.TRDNEIVAK.L	13
PLOG-8080	proteomics_log	3437830	3437883	-	5	14	R.VVEPLITLAKTDSVANRR.L	22
PLOG-8081	proteomics_log	3437830	3437886	-	5	113	R.RVVEPLITLAKTDSVANRR.L	23
PLOG-8082	proteomics_log	3437833	3437883	-	5	75	R.VVEPLITLAKTDSVANRR.R	21
PLOG-8083	proteomics_log	3437833	3437886	-	5	70	R.RVVEPLITLAKTDSVANRR.R	22
PLOG-8084	proteomics_log	3437833	3437895	-	5	3	K.ELRRVVEPLITLAKTDSVANRR.R	25
PLOG-8085	proteomics_log	3437854	3437883	-	5	398	R.VVEPLITLAK.T	14
PLOG-8086	proteomics_log	3437854	3437886	-	5	239	R.RVVEPLITLAK.T	15
PLOG-8087	proteomics_log	3437854	3437895	-	5	4	K.ELRRVVEPLITLAK.T	18
PLOG-8088	proteomics_log	3437884	3437931	-	5	5	R.HEIIKTTLPKAKELRR.V	20
PLOG-8089	proteomics_log	3437884	3437955	-	5	6	R.NMAGSLVRHEIIKTTLPKAKELRR.V	28
PLOG-8090	proteomics_log	3437887	3437931	-	5	103	R.HEIIKTTLPKAKELR.R	19
PLOG-8091	proteomics_log	3437887	3437955	-	5	32	R.NMAGSLVRHEIIKTTLPKAKELR.R	27

PLOG-8092	proteomics_log	3437896	3437931	-	5	164	R.HEIIKTTLPKAK.E	16
PLOG-8093	proteomics_log	3437896	3437955	-	5	135	R.NMAGSLVRHEIIKTTLPKAK.E	24
PLOG-8094	proteomics_log	3437902	3437931	-	5	230	R.HEIIKTTLPK.A	14
PLOG-8095	proteomics_log	3437902	3437955	-	5	6	R.NM*AGSLVRHEIIKTTLPK.A	23
PLOG-8096	proteomics_log	3437902	3437955	-	5	43	R.NMAGSLVRHEIIKTTLPK.A	22
PLOG-8097	proteomics_log	3437917	3437955	-	5	4	R.NM*AGSLVRHEIIK.T	18
PLOG-8098	proteomics_log	3437917	3437955	-	5	57	R.NMAGSLVRHEIIK.T	17
PLOG-8099	proteomics_log	3437932	3437955	-	5	2	R.NM*AGSLVR.H	13
PLOG-8100	proteomics_log	3437932	3437955	-	5	41	R.NMAGSLVR.H	12
PLOG-8101	proteomics_log	3437956	3437985	-	5	20	R.NSSHRQAMFR.N	14
PLOG-8102	proteomics_log	3437971	3437997	-	5	3	R.QLNRNSSHR.Q	13
PLOG-8103	proteomics_log	3438065	3438100	-	6	18	R.LENWPPASIADE.-	16
PLOG-8104	proteomics_log	3438065	3438121	-	6	41	R.GLSLGMRLLENWPPASIADE.-	23
PLOG-8105	proteomics_log	3438122	3438157	-	6	182	K.SLTEIKDVLASR.G	16
PLOG-8106	proteomics_log	3438122	3438160	-	6	11	K.KSLTEIKDVLASR.G	17
PLOG-8107	proteomics_log	3438122	3438199	-	6	26	R.TEVLLKTPNLGKSLTEIKDVLASR.G	30
PLOG-8108	proteomics_log	3438158	3438199	-	6	101	R.TEVLLKTPNLGK.S	18
PLOG-8109	proteomics_log	3438158	3438238	-	6	29	K.AEAIHYIGDLVQRTEVLLKTPNLGK.S	31
PLOG-8110	proteomics_log	3438161	3438199	-	6	5	R.TEVLLKTPNLGK.K	17
PLOG-8111	proteomics_log	3438179	3438238	-	6	6	K.AEAIHYIGDLVQRTEVLLK.T	24
PLOG-8112	proteomics_log	3438200	3438238	-	6	32	K.AEAIHYIGDLVQR.T	17
PLOG-8113	proteomics_log	3438200	3438256	-	6	7	R.SANCLKAEAIHYIGDLVQR.T	23
PLOG-8114	proteomics_log	3438257	3438301	-	6	28	D.PILLRPVDDLELTVR.S	19
PLOG-8115	proteomics_log	3438257	3438322	-	6	6	K.EEKPEFDPILLRPVDDLELTVR.S	26
PLOG-8116	proteomics_log	3438257	3438337	-	6	17	R.QPEVKKEEKPEFDPILLRPVDDLELTVR.S	31
PLOG-8117	proteomics_log	3438257	3438346	-	6	12	R.DVRQPEVKKEEKPEFDPILLRPVDDLELTVR.S	34
PLOG-8118	proteomics_log	3438323	3438394	-	6	51	R.AATILAEQLEAFVDLRDVRQPEVK.E	28
PLOG-8119	proteomics_log	3438323	3438397	-	6	2	R.RAATILAEQLEAFVDLRDVRQPEVK.E	29
PLOG-8120	proteomics_log	3438338	3438394	-	6	152	R.AATILAEQLEAFVDLRDVR.Q	23
PLOG-8121	proteomics_log	3438338	3438397	-	6	11	R.RAATILAEQLEAFVDLRDVR.Q	24
PLOG-8122	proteomics_log	3438347	3438394	-	6	319	R.AATILAEQLEAFVDLR.D	20
PLOG-8123	proteomics_log	3438347	3438397	-	6	64	R.RAATILAEQLEAFVDLR.D	21
PLOG-8124	proteomics_log	3438395	3438466	-	6	4	R.TDLDKLVIEM*ETNGTIDPEEAIRR.A	29
PLOG-8125	proteomics_log	3438395	3438466	-	6	231	R.TDLDKLVIEMETNGTIDPEEAIRR.A	28
PLOG-8126	proteomics_log	3438395	3438478	-	6	107	R.VEQRTDLDKLVIEMETNGTIDPEEAIRR.A	32
PLOG-8127	proteomics_log	3438398	3438466	-	6	2	R.TDLDKLVIEM*ETNGTIDPEEAIR.R	28
PLOG-8128	proteomics_log	3438398	3438466	-	6	109	R.TDLDKLVIEMETNGTIDPEEAIR.R	27
PLOG-8129	proteomics_log	3438398	3438478	-	6	56	R.VEQRTDLDKLVIEMETNGTIDPEEAIR.R	31
PLOG-8130	proteomics_log	3438467	3438505	-	6	12	R.IAYNVEAARVEQR.T	17
PLOG-8131	proteomics_log	3438479	3438505	-	6	141	R.IAYNVEAAR.V	13
PLOG-8132	proteomics_log	3438506	3438541	-	6	15	R.LLVDACYSPPER.I	16
PLOG-8133	proteomics_log	3438542	3438577	-	6	85	R.IHSEEDERPIGR.L	16
PLOG-8134	proteomics_log	3438542	3438601	-	6	39	R.GYVPASTRIHSEEDERPIGR.L	24
PLOG-8135	proteomics_log	3438578	3438607	-	6	129	R.GRGYVPASTR.I	14
PLOG-8136	proteomics_log	3438677	3438739	-	6	123	K.SGIGPVTAADITHDGDVEIVK.P	25
PLOG-8137	proteomics_log	3438740	3438778	-	6	255	R.VQGKDEVILTINK.S	17

PLOG-8138	proteomics_log	3438779	3438820	-	6	3	D.ILEILLNLKGLAVR.V	18
PLOG-8139	proteomics_log	3438779	3438838	-	6	288	K.EGVQEDILEILLNLKGLAVR.V	24
PLOG-8140	proteomics_log	3438794	3438838	-	6	197	K.EGVQEDILEILLNLK.G	19
PLOG-8141	proteomics_log	3438839	3438919	-	6	8	R.RILLSSMPGCAVTEVEIDGVLHEYSTK.E	31
PLOG-8142	proteomics_log	3438917	3438952	-	6	47	R.GFGHTLGNALRR.I	16
PLOG-8143	proteomics_log	3438917	3438976	-	6	15	K.VTLEPLERFGFHTLGNALRR.I	24
PLOG-8144	proteomics_log	3438920	3438952	-	6	135	R.GFGHTLGNALR.R	15
PLOG-8145	proteomics_log	3438953	3438976	-	6	12	K.VTLEPLER.G	12
PLOG-8146	proteomics_log	3438953	3438982	-	6	10	H.AKVTLEPLER.G	14
PLOG-8147	proteomics_log	3438953	3439015	-	6	135	R.LVDIEQVSSTHAKVTLEPLER.G	25
PLOG-8148	proteomics_log	3438977	3439006	-	6	5	D.IEQVSSTHAK.V	14
PLOG-8149	proteomics_log	3438977	3439015	-	6	214	R.LVDIEQVSSTHAK.V	17
PLOG-8150	proteomics_log	3438983	3439015	-	6	68	R.LVDIEQVSSTH.A	15
PLOG-8151	proteomics_log	3439016	3439051	-	6	24	T.M*QGSVTEFLKPR.L	17
PLOG-8152	proteomics_log	3439016	3439051	-	6	237	T.MQGSVTEFLKPR.L	16
PLOG-8153	proteomics_log	3439080	3439133	-	4	559	R.SDLSADINEHLIVELYSK.-	22
PLOG-8154	proteomics_log	3439080	3439145	-	4	3	R.KPERSDLSADINEHLIVELYSK.-	26
PLOG-8155	proteomics_log	3439080	3439148	-	4	66	K.RKPERSDLSADINEHLIVELYSK.-	27
PLOG-8156	proteomics_log	3439080	3439166	-	4	2	K.M*EGTFKRKPERSDLSADINEHLIVELYSK.-	34
PLOG-8157	proteomics_log	3439149	3439202	-	4	2	R.EKPTWLEVDAGKM*EGTFK.R	23
PLOG-8158	proteomics_log	3439149	3439202	-	4	89	R.EKPTWLEVDAGKMEGTFK.R	22
PLOG-8159	proteomics_log	3439149	3439229	-	4	2	K.AALELAEQREKPTWLEVDAGKM*EGTFK.R	32
PLOG-8160	proteomics_log	3439149	3439229	-	4	95	K.AALELAEQREKPTWLEVDAGKMEGTFK.R	31
PLOG-8161	proteomics_log	3439149	3439235	-	4	8	R.VKAALELAEQREKPTWLEVDAGKM*EGTFK.R	34
PLOG-8162	proteomics_log	3439149	3439235	-	4	160	R.VKAALELAEQREKPTWLEVDAGKMEGTFK.R	33
PLOG-8163	proteomics_log	3439167	3439202	-	4	6	R.EKPTWLEVDAGK.M	16
PLOG-8164	proteomics_log	3439167	3439229	-	4	36	K.AALELAEQREKPTWLEVDAGK.M	25
PLOG-8165	proteomics_log	3439167	3439235	-	4	145	R.VKAALELAEQREKPTWLEVDAGK.M	27
PLOG-8166	proteomics_log	3439203	3439229	-	4	158	K.AALELAEQR.E	13
PLOG-8167	proteomics_log	3439203	3439235	-	4	380	R.VKAALELAEQR.E	15
PLOG-8168	proteomics_log	3439236	3439313	-	4	83	R.VVNIASYQVSPNDVVSIREKAKKQSR.V	30
PLOG-8169	proteomics_log	3439245	3439313	-	4	52	R.VVNIASYQVSPNDVVSIREKAKK.Q	27
PLOG-8170	proteomics_log	3439248	3439313	-	4	94	R.VVNIASYQVSPNDVVSIREKAK.K	26
PLOG-8171	proteomics_log	3439248	3439346	-	4	7	L.VSHKAIM*VNGRVVNIASYQVSPNDVVSIREKAK.K	38
PLOG-8172	proteomics_log	3439254	3439313	-	4	425	R.VVNIASYQVSPNDVVSIREK.A	24
PLOG-8173	proteomics_log	3439254	3439334	-	4	42	K.AIMVNGRVVNIASYQVSPNDVVSIREK.A	31
PLOG-8174	proteomics_log	3439254	3439343	-	4	132	V.SHKAIM*VNGRVVNIASYQVSPNDVVSIREK.A	35
PLOG-8175	proteomics_log	3439260	3439313	-	4	398	R.VVNIASYQVSPNDVVSIR.E	22
PLOG-8176	proteomics_log	3439314	3439334	-	4	4	K.AIMVNGR.V	11
PLOG-8177	proteomics_log	3439314	3439352	-	4	21	R.QLVSHKAIM*VNGR.V	18
PLOG-8178	proteomics_log	3439314	3439352	-	4	71	R.QLVSHKAIMVNGR.V	17
PLOG-8179	proteomics_log	3439353	3439385	-	4	22	R.MGFGATRAEAR.Q	15
PLOG-8180	proteomics_log	3439365	3439454	-	4	4	R.LKGNTGENLLALLEGRLDNVVYRM*GFGATR.A	35
PLOG-8181	proteomics_log	3439365	3439454	-	4	10	R.LKGNTGENLLALLEGRLDNVVYRMGFGATR.A	34
PLOG-8182	proteomics_log	3439386	3439403	-	4	2	L.DNVVYR.M	10
PLOG-8183	proteomics_log	3439386	3439406	-	4	10	R.LDNVVYR.M	11



PLOG-8184	proteomics_log	3439386	3439418	-	4	3	L.LEGRLDNVVYR.M	15
PLOG-8185	proteomics_log	3439386	3439448	-	4	73	K.GNTGENLLALLEGRLDNVVYR.M	25
PLOG-8186	proteomics_log	3439386	3439454	-	4	504	R.LKGNTGENLLALLEGRLDNVVYR.M	27
PLOG-8187	proteomics_log	3439386	3439457	-	4	18	A.RLKGNTGENLLALLEGRLDNVVYR.M	28
PLOG-8188	proteomics_log	3439386	3439466	-	4	9	K.EAARLKGNTGENLLALLEGRLDNVVYR.M	31
PLOG-8189	proteomics_log	3439386	3439478	-	4	29	R.NYYKEAARLKGNTGENLLALLEGRLDNVVYR.M	35
PLOG-8190	proteomics_log	3439407	3439448	-	4	138	K.GNTGENLLALLEGR.L	18
PLOG-8191	proteomics_log	3439407	3439454	-	4	483	R.LKGNTGENLLALLEGR.L	20
PLOG-8192	proteomics_log	3439407	3439457	-	4	32	A.RLKGNTGENLLALLEGR.L	21
PLOG-8193	proteomics_log	3439407	3439478	-	4	52	R.NYYKEAARLKGNTGENLLALLEGR.L	28
PLOG-8194	proteomics_log	3439413	3439454	-	4	2	R.LKGNTGENLLALLE.G	18
PLOG-8195	proteomics_log	3439455	3439478	-	4	136	R.NYYKEAAR.L	12
PLOG-8196	proteomics_log	3439455	3439487	-	4	163	R.QFRNYYKEAAR.L	15
PLOG-8197	proteomics_log	3439479	3439511	-	4	22	R.RIYGVLERQFR.N	15
PLOG-8198	proteomics_log	3439488	3439508	-	4	133	R.IYGVLER.Q	11
PLOG-8199	proteomics_log	3439488	3439511	-	4	52	R.RIYGVLER.Q	12
PLOG-8200	proteomics_log	3439509	3439556	-	4	22	R.LSDYGVQLREKQKVR.R	20
PLOG-8201	proteomics_log	3439512	3439553	-	4	2	L.SDYGVQLREKQKVR.R	18
PLOG-8202	proteomics_log	3439512	3439556	-	4	62	R.LSDYGVQLREKQKVR.R	19
PLOG-8203	proteomics_log	3439518	3439556	-	4	93	R.LSDYGVQLREKQK.V	17
PLOG-8204	proteomics_log	3439524	3439556	-	4	113	R.LSDYGVQLREK.Q	15
PLOG-8205	proteomics_log	3439527	3439556	-	4	2	R.LSDYGVQLRE.K	14
PLOG-8206	proteomics_log	3439530	3439553	-	4	2	L.SDYGVQLR.E	12
PLOG-8207	proteomics_log	3439530	3439556	-	4	396	R.LSDYGVQLR.E	13
PLOG-8208	proteomics_log	3439557	3439598	-	4	47	K.IEQAPGQHGARKPR.L	18
PLOG-8209	proteomics_log	3439557	3439619	-	4	7	R.AIDTKCKIEQAPGQHGARKPR.L	25
PLOG-8210	proteomics_log	3439566	3439598	-	4	207	K.IEQAPGQHGAR.K	15
PLOG-8211	proteomics_log	3439566	3439601	-	4	42	C.KIEQAPGQHGAR.K	16
PLOG-8212	proteomics_log	3439566	3439604	-	4	10	K.CKIEQAPGQHGAR.K	17
PLOG-8213	proteomics_log	3439566	3439619	-	4	9	R.AIDTKCKIEQAPGQHGAR.K	22
PLOG-8214	proteomics_log	3439620	3439655	-	4	62	R.EGTDLFLKSGVR.A	16
PLOG-8215	proteomics_log	3439620	3439658	-	4	323	R.REGTDLFLKSGVR.A	17
PLOG-8216	proteomics_log	3439620	3439667	-	4	32	K.LSRREGTDLFLKSGVR.A	20
PLOG-8217	proteomics_log	3439620	3439673	-	4	3	K.LKLSRREGTDLFLKSGVR.A	22
PLOG-8218	proteomics_log	3439632	3439655	-	4	10	R.EGTDLFLK.S	12
PLOG-8219	proteomics_log	3439632	3439658	-	4	110	R.REGTDLFLK.S	13
PLOG-8220	proteomics_log	3439632	3439667	-	4	6	K.LSRREGTDLFLK.S	16
PLOG-8221	proteomics_log	3439656	3439694	-	4	17	M.ARYLGPCLKLSR.R	17
PLOG-8222	proteomics_log	3439659	3439688	-	4	4	R.YLGPCLKLSR.R	14
PLOG-8223	proteomics_log	3439659	3439694	-	4	67	M.ARYLGPCLKLSR.R	16
PLOG-8224	proteomics_log	3439761	3439802	-	4	99	R.ITNITDVTPIPHNG.C	18
PLOG-8225	proteomics_log	3439797	3439826	-	4	16	R.ALNAAGFRIT.N	14
PLOG-8226	proteomics_log	3439803	3439826	-	4	31	R.ALNAAGFR.I	12
PLOG-8227	proteomics_log	3439827	3439859	-	4	4	K.GPGPGRESTIR.A	15
PLOG-8228	proteomics_log	3439827	3439880	-	4	147	K.NLEV MVKGP GPGRESTIR.A	22
PLOG-8229	proteomics_log	3439827	3439895	-	4	3	K.EYGKLNLEV MVKGP GPGRESTIR.A	27

PLOG-8230	proteomics_log	3439842	3439880	-	4	5	K.NLEVM*VKGGPGR.E	18
PLOG-8231	proteomics_log	3439842	3439880	-	4	169	K.NLEVMVKGGPGR.E	17
PLOG-8232	proteomics_log	3439860	3439880	-	4	15	K.NLEVMVK.G	11
PLOG-8233	proteomics_log	3439881	3439910	-	4	2	C.ADAVKEYGIK.N	14
PLOG-8234	proteomics_log	3439881	3439913	-	4	9	R.CADAVKEYGIK.N	15
PLOG-8235	proteomics_log	3439914	3439937	-	4	2	F.AAQVAAER.C	12
PLOG-8236	proteomics_log	3439914	3439943	-	4	31	T.PFAAQVAAER.C	14
PLOG-8237	proteomics_log	3439914	3439949	-	4	97	K.STPFAAQVAAER.C	16
PLOG-8238	proteomics_log	3439914	3439952	-	4	494	R.KSTPFAAQVAAER.C	17
PLOG-8239	proteomics_log	3439953	3440009	-	4	2	R.QGNALGWATAGGSGFRGSR.K	23
PLOG-8240	proteomics_log	3439962	3440009	-	4	171	R.QGNALGWATAGGSGFR.G	20
PLOG-8241	proteomics_log	3440010	3440078	-	4	100	K.QVSDGVAHIHASFNNITIVITDR.Q	27
PLOG-8242	proteomics_log	3440010	3440081	-	4	245	R.KQVSDGVAHIHASFNNITIVITDR.Q	28
PLOG-8243	proteomics_log	3440010	3440087	-	4	103	R.VRKQVSDGVAHIHASFNNITIVITDR.Q	30
PLOG-8244	proteomics_log	3440257	3440280	-	5	98	R.EISMSIKR.L	12
PLOG-8245	proteomics_log	3440257	3440283	-	5	41	R.REISMSIKR.L	13
PLOG-8246	proteomics_log	3440260	3440280	-	5	2	R.EISMSIK.R	11
PLOG-8247	proteomics_log	3440260	3440283	-	5	3	R.REISMSIK.R	12
PLOG-8248	proteomics_log	3440281	3440307	-	5	7	K.FVVEGLRR.E	13
PLOG-8249	proteomics_log	3440281	3440361	-	5	158	K.ISELSEGQIDTLRDEVAKFVVEGLRR.E	31
PLOG-8250	proteomics_log	3440281	3440400	-	5	65	K.AILAAAGIAEDVKISELSEGQIDTLRDEVAKFVVEGLRR.E	44
PLOG-8251	proteomics_log	3440281	3440406	-	5	48	R.SKAILAAAGIAEDVKISELSEGQIDTLRDEVAKFVVEGLRR.E	46
PLOG-8252	proteomics_log	3440284	3440307	-	5	182	K.FVVEGLR.R	12
PLOG-8253	proteomics_log	3440284	3440361	-	5	207	K.ISELSEGQIDTLRDEVAKFVVEGLR.R	30
PLOG-8254	proteomics_log	3440284	3440400	-	5	21	K.AILAAAGIAEDVKISELSEGQIDTLRDEVAKFVVEGLR.R	43
PLOG-8255	proteomics_log	3440284	3440406	-	5	61	R.SKAILAAAGIAEDVKISELSEGQIDTLRDEVAKFVVEGLR.R	45
PLOG-8256	proteomics_log	3440308	3440361	-	5	179	K.ISELSEGQIDTLRDEVAK.F	22
PLOG-8257	proteomics_log	3440308	3440388	-	5	7	A.AAGIAEDVKISELSEGQIDTLRDEVAK.F	31
PLOG-8258	proteomics_log	3440308	3440400	-	5	358	K.AILAAAGIAEDVKISELSEGQIDTLRDEVAK.F	35
PLOG-8259	proteomics_log	3440308	3440406	-	5	358	R.SKAILAAAGIAEDVKISELSEGQIDTLRDEVAK.F	37
PLOG-8260	proteomics_log	3440362	3440400	-	5	119	K.AILAAAGIAEDVK.I	17
PLOG-8261	proteomics_log	3440362	3440406	-	5	242	R.SKAILAAAGIAEDVK.I	19
PLOG-8262	proteomics_log	3440407	3440454	-	5	187	K.HAVIALTSIYGVGKTR.S	20
PLOG-8263	proteomics_log	3440407	3440484	-	5	163	R.IAGINIPDHKHAVIALTSIYGVGKTR.S	30
PLOG-8264	proteomics_log	3440407	3440490	-	5	84	V.ARIAGINIPDHKHAVIALTSIYGVGKTR.S	32
PLOG-8265	proteomics_log	3440413	3440454	-	5	270	K.HAVIALTSIYGVGK.T	18
PLOG-8266	proteomics_log	3440413	3440463	-	5	22	P.DHKHAVIALTSIYGVGK.T	21
PLOG-8267	proteomics_log	3440413	3440484	-	5	191	R.IAGINIPDHKHAVIALTSIYGVGK.T	28
PLOG-8268	proteomics_log	3440413	3440490	-	5	219	V.ARIAGINIPDHKHAVIALTSIYGVGK.T	30
PLOG-8269	proteomics_log	3440455	3440484	-	5	217	R.IAGINIPDHK.H	14
PLOG-8270	proteomics_log	3440455	3440490	-	5	15	V.ARIAGINIPDHK.H	16
PLOG-8271	proteomics_log	3440649	3440684	-	4	7	R.VICSAEPKHKQR.Q	16
PLOG-8272	proteomics_log	3440655	3440684	-	4	2	R.VICSAEPKHK.Q	14
PLOG-8273	proteomics_log	3442130	3442165	-	6	404	R.AAIEAAGGKIEE.-	16
PLOG-8274	proteomics_log	3442130	3442174	-	6	22	K.GARAAIEAAGGKIEE.-	19
PLOG-8275	proteomics_log	3442130	3442183	-	6	6	R.VTKGARAAIEAAGGKIEE.-	22

PLOG-8276	proteomics_log	3442130	3442192	-	6	2	R.GLRVTKGARAAIEAAGGKIEE.-	25
PLOG-8277	proteomics_log	3442139	3442165	-	6	91	R.AAIEAAGGK.I	13
PLOG-8278	proteomics_log	3442166	3442234	-	6	6	K.VILAGEVTPVTVRGLRVTKGAR.A	27
PLOG-8279	proteomics_log	3442175	3442234	-	6	18	K.VILAGEVTPVTVRGLRVTK.G	24
PLOG-8280	proteomics_log	3442184	3442225	-	6	2	L.AGEVTPVTVRGLR.V	18
PLOG-8281	proteomics_log	3442184	3442234	-	6	96	K.VILAGEVTPVTVRGLR.V	21
PLOG-8282	proteomics_log	3442184	3442273	-	6	2	K.AANIIGIQIEFAKVILAGEVTPVTVRGLR.V	34
PLOG-8283	proteomics_log	3442184	3442276	-	6	2	L.KAANIIGIQIEFAKVILAGEVTPVTVRGLR.V	35
PLOG-8284	proteomics_log	3442187	3442234	-	6	2	K.VILAGEVTPVTVRGL.R	20
PLOG-8285	proteomics_log	3442193	3442225	-	6	9	L.AGEVTPVTVR.G	15
PLOG-8286	proteomics_log	3442193	3442234	-	6	574	K.VILAGEVTPVTVR.G	18
PLOG-8287	proteomics_log	3442193	3442273	-	6	4	K.AANIIGIQIEFAKVILAGEVTPVTVR.G	31
PLOG-8288	proteomics_log	3442193	3442291	-	6	2	V.DLNTLKAANIIGIQIEFAKVILAGEVTPVTVR.G	37
PLOG-8289	proteomics_log	3442193	3442309	-	6	29	K.VEGGVVDLNTLKAANIIGIQIEFAKVILAGEVTPVTVR.G	43
PLOG-8290	proteomics_log	3442193	3442327	-	6	2	R.LSDLAKVEGGVVDLNTLKAANIIGIQIEFAKVILAGEVTPVTVR.G	49
PLOG-8291	proteomics_log	3442235	3442273	-	6	502	K.AANIIGIQIEFAK.V	17
PLOG-8292	proteomics_log	3442235	3442309	-	6	556	K.VEGGVVDLNTLKAANIIGIQIEFAK.V	29
PLOG-8293	proteomics_log	3442235	3442327	-	6	186	R.LSDLAKVEGGVVDLNTLKAANIIGIQIEFAK.V	35
PLOG-8294	proteomics_log	3442244	3442273	-	6	8	K.AANIIGIQIE.F	14
PLOG-8295	proteomics_log	3442274	3442309	-	6	146	K.VEGGVVDLNTLK.A	16
PLOG-8296	proteomics_log	3442274	3442324	-	6	4	L.SDLAKVEGGVVDLNTLK.A	21
PLOG-8297	proteomics_log	3442274	3442327	-	6	345	R.LSDLAKVEGGVVDLNTLK.A	22
PLOG-8298	proteomics_log	3442274	3442354	-	6	52	R.KAATAEIRLSDLAKVEGGVVDLNTLK.A	31
PLOG-8299	proteomics_log	3442310	3442351	-	6	3	K.AAITAEIRLSDLAK.V	18
PLOG-8300	proteomics_log	3442310	3442354	-	6	26	R.KAATAEIRLSDLAK.V	19
PLOG-8301	proteomics_log	3442328	3442351	-	6	15	K.AAITAEIR.L	12
PLOG-8302	proteomics_log	3442328	3442354	-	6	277	R.KAATAEIR.L	13
PLOG-8303	proteomics_log	3442355	3442384	-	6	52	R.RLPKFGFTSR.K	14
PLOG-8304	proteomics_log	3442373	3442438	-	6	2	R.SGGGVRRGFEGGQMPYRRLPK.F	26
PLOG-8305	proteomics_log	3442382	3442420	-	6	21	R.RGFEGGQMPYRR.L	17
PLOG-8306	proteomics_log	3442385	3442417	-	6	24	R.GFEGGQM*PLYR.R	16
PLOG-8307	proteomics_log	3442385	3442417	-	6	253	R.GFEGGQMPYR.R	15
PLOG-8308	proteomics_log	3442385	3442420	-	6	2	R.RGFEGGQM*PLYR.R	17
PLOG-8309	proteomics_log	3442385	3442420	-	6	163	R.RGFEGGQMPYR.R	16
PLOG-8310	proteomics_log	3442385	3442438	-	6	116	R.SGGGVRRGFEGGQMPYR.R	22
PLOG-8311	proteomics_log	3442445	3442498	-	6	35	R.GIGSGLGKTGGRGHKGQK.S	22
PLOG-8312	proteomics_log	3442463	3442498	-	6	64	R.GIGSGLGKTGGR.G	16
PLOG-8313	proteomics_log	3442463	3442507	-	6	2	R.LGRGIGSGLGKTGGR.G	19
PLOG-8314	proteomics_log	3442475	3442498	-	6	13	R.GIGSGLGK.T	12
PLOG-8315	proteomics_log	3442475	3442507	-	6	83	R.LGRGIGSGLGK.T	15
PLOG-8316	proteomics_log	3442499	3442561	-	6	7	E.MRLNTLSPAEGSKKAGKRLGR.G	25
PLOG-8317	proteomics_log	3442508	3442561	-	6	2	E.M*RLNTLSPAEGSKKAGKR.L	23
PLOG-8318	proteomics_log	3442508	3442561	-	6	83	E.MRLNTLSPAEGSKKAGKR.L	22
PLOG-8319	proteomics_log	3442511	3442555	-	6	3	R.LNTLSPAEGSKKAGK.R	19
PLOG-8320	proteomics_log	3442511	3442561	-	6	39	E.MRLNTLSPAEGSKKAGK.R	21
PLOG-8321	proteomics_log	3442520	3442555	-	6	4	R.LNTLSPAEGSKK.A	16

PLOG-8322	proteomics_log	3442520	3442561	-	6	6	E.M*RLNTLSPAEGSKK.A	19
PLOG-8323	proteomics_log	3442520	3442561	-	6	190	E.MRLNTLSPAEGSKK.A	18
PLOG-8324	proteomics_log	3442523	3442555	-	6	48	R.LNTLSPAEGSK.K	15
PLOG-8325	proteomics_log	3442523	3442561	-	6	184	E.M*RLNTLSPAEGSK.K	18
PLOG-8326	proteomics_log	3442523	3442561	-	6	247	E.MRLNTLSPAEGSK.K	17
PLOG-8327	proteomics_log	3442568	3442609	-	6	2	R.GM*INAVSFMVKVEE.-	19
PLOG-8328	proteomics_log	3442568	3442609	-	6	2	R.GM*INAVSFM*VKVEE.-	20
PLOG-8329	proteomics_log	3442568	3442609	-	6	217	R.GMINAVSFMVKVEE.-	18
PLOG-8330	proteomics_log	3442568	3442651	-	6	15	R.IGHTVEREDTPAIRGMINAVSFMVKVEE.-	32
PLOG-8331	proteomics_log	3442577	3442609	-	6	20	R.GM*INAVSFM*VK.V	17
PLOG-8332	proteomics_log	3442577	3442609	-	6	42	R.GM*INAVSFMVK.V	16
PLOG-8333	proteomics_log	3442577	3442609	-	6	75	R.GMINAVSFM*VK.V	16
PLOG-8334	proteomics_log	3442577	3442609	-	6	343	R.GMINAVSFMVK.V	15
PLOG-8335	proteomics_log	3442577	3442651	-	6	19	R.IGHTVEREDTPAIRGMINAVSFMVK.V	29
PLOG-8336	proteomics_log	3442577	3442654	-	6	21	R.RIGHTVEREDTPAIRGMINAVSFMVK.V	30
PLOG-8337	proteomics_log	3442610	3442648	-	6	2	I.GHTVEREDTPAIR.G	17
PLOG-8338	proteomics_log	3442610	3442651	-	6	150	R.IGHTVEREDTPAIR.G	18
PLOG-8339	proteomics_log	3442610	3442654	-	6	227	R.RIGHTVEREDTPAIR.G	19
PLOG-8340	proteomics_log	3442616	3442651	-	6	2	R.IGHTVEREDTPA.I	16
PLOG-8341	proteomics_log	3442631	3442654	-	6	22	R.RIGHTVER.E	12
PLOG-8342	proteomics_log	3442652	3442687	-	6	25	K.HKATLLGLLRR.I	16
PLOG-8343	proteomics_log	3442652	3442711	-	6	32	R.SAIGRLPKHKATLLGLLRR.I	24
PLOG-8344	proteomics_log	3442655	3442681	-	6	215	K.ATLLGLGLR.R	13
PLOG-8345	proteomics_log	3442655	3442687	-	6	70	K.HKATLLGLGLR.R	15
PLOG-8346	proteomics_log	3442655	3442711	-	6	45	R.SAIGRLPKHKATLLGLGLR.R	23
PLOG-8347	proteomics_log	3442688	3442711	-	6	4	R.SAIGRLPK.H	12
PLOG-8348	proteomics_log	3442712	3442735	-	6	4	K.TIKITQTR.S	12
PLOG-8349	proteomics_log	3442712	3442738	-	6	4	A.KTIKITQTR.S	13
PLOG-8350	proteomics_log	3442712	3442741	-	6	213	M.AKTIKITQTR.S	14
PLOG-8351	proteomics_log	3442751	3442774	-	6	19	K.SVEEILGK.-	12
PLOG-8352	proteomics_log	3442751	3442780	-	6	141	R.GKSVEEILGK.-	14
PLOG-8353	proteomics_log	3442751	3442783	-	6	125	K.RGKSVEEILGK.-	15
PLOG-8354	proteomics_log	3442751	3442837	-	6	4	R.ATIDGLENM*NSPEMVAAKRGKSVEEILGK.-	34
PLOG-8355	proteomics_log	3442751	3442837	-	6	116	R.ATIDGLENMNSPEMVAAKRGKSVEEILGK.-	33
PLOG-8356	proteomics_log	3442751	3442873	-	6	2	K.AYGSTNPINVV RATIDGLENMNSPEM*VAAKRGKSVEEILGK.-	46
PLOG-8357	proteomics_log	3442775	3442837	-	6	3	R.ATIDGLENM*NSPEMVAAKRGK.S	26
PLOG-8358	proteomics_log	3442775	3442837	-	6	3	R.ATIDGLENM*NSPEM*VAAKRGK.S	27
PLOG-8359	proteomics_log	3442775	3442837	-	6	152	R.ATIDGLENMNSPEMVAAKRGK.S	25
PLOG-8360	proteomics_log	3442775	3442873	-	6	16	K.AYGSTNPINVV RATIDGLENMNSPEMVAAKRGK.S	37
PLOG-8361	proteomics_log	3442781	3442837	-	6	5	R.ATIDGLENMNSPEM*VAAKR.G	24
PLOG-8362	proteomics_log	3442781	3442837	-	6	5	R.ATIDGLENM*NSPEM*VAAKR.G	25
PLOG-8363	proteomics_log	3442781	3442837	-	6	30	R.ATIDGLENM*NSPEMVAAKR.G	24
PLOG-8364	proteomics_log	3442781	3442837	-	6	304	R.ATIDGLENMNSPEMVAAKR.G	23
PLOG-8365	proteomics_log	3442781	3442873	-	6	2	K.AYGSTNPINVV RATIDGLENM*NSPEM*VAAKR.G	37
PLOG-8366	proteomics_log	3442781	3442873	-	6	106	K.AYGSTNPINVV RATIDGLENMNSPEMVAAKR.G	35
PLOG-8367	proteomics_log	3442784	3442807	-	6	2	N.SPEMVAAK.R	12

PLOG-8368	proteomics_log	3442784	3442828	-	6	2	I.DGLENM*NSPEM*VAAK.R	21
PLOG-8369	proteomics_log	3442784	3442831	-	6	5	T.IDGLENMNSPEMVAAK.R	20
PLOG-8370	proteomics_log	3442784	3442837	-	6	36	R.ATIDGLENM*NSPEM*VAAK.R	24
PLOG-8371	proteomics_log	3442784	3442837	-	6	45	R.ATIDGLENMNSPEM*VAAK.R	23
PLOG-8372	proteomics_log	3442784	3442837	-	6	71	R.ATIDGLENM*NSPEMVAAK.R	23
PLOG-8373	proteomics_log	3442784	3442837	-	6	399	R.ATIDGLENMNSPEMVAAK.R	22
PLOG-8374	proteomics_log	3442784	3442873	-	6	2	K.AYGSTNPINVVVRATIDGLENMNSPEM*VAAK.R	35
PLOG-8375	proteomics_log	3442784	3442873	-	6	4	K.AYGSTNPINVVVRATIDGLENM*NSPEMVAAK.R	35
PLOG-8376	proteomics_log	3442784	3442873	-	6	146	K.AYGSTNPINVVVRATIDGLENMNSPEMVAAK.R	34
PLOG-8377	proteomics_log	3442784	3442915	-	6	3	R.AVLEVAGVHNVLAKAYGSTNPINVVVRATIDGLENMNSPEMVAAK.R	48
PLOG-8378	proteomics_log	3442838	3442873	-	6	483	K.AYGSTNPINVVV.R.A	16
PLOG-8379	proteomics_log	3442838	3442915	-	6	109	R.AVLEVAGVHNVLAKAYGSTNPINVVV.R.A	30
PLOG-8380	proteomics_log	3442874	3442900	-	6	2	V.AGVHNVLAK.A	13
PLOG-8381	proteomics_log	3442874	3442903	-	6	4	E.VAGVHNVLAK.A	14
PLOG-8382	proteomics_log	3442874	3442906	-	6	10	L.EVAGVHNVLAK.A	15
PLOG-8383	proteomics_log	3442874	3442909	-	6	37	V.LEVAGVHNVLAK.A	16
PLOG-8384	proteomics_log	3442874	3442915	-	6	646	R.AVLEVAGVHNVLAK.A	18
PLOG-8385	proteomics_log	3442874	3442972	-	6	55	R.VFMQPASEGTGIIAGGAMRAVLEVAGVHNVLAK.A	37
PLOG-8386	proteomics_log	3442916	3442960	-	6	2	Q.PASEGTGIIAGGAMR.A	19
PLOG-8387	proteomics_log	3442916	3442972	-	6	113	R.VFMQPASEGTGIIAGGAM*R.A	24
PLOG-8388	proteomics_log	3442916	3442972	-	6	113	R.VFM*QPASEGTGIIAGGAM*R.A	25
PLOG-8389	proteomics_log	3442916	3442972	-	6	254	R.VFM*QPASEGTGIIAGGAMR.A	24
PLOG-8390	proteomics_log	3442916	3442972	-	6	707	R.VFMQPASEGTGIIAGGAMR.A	23
PLOG-8391	proteomics_log	3442922	3442972	-	6	2	R.VFM*QPASEGTGIIAGGA.M	22
PLOG-8392	proteomics_log	3442922	3442972	-	6	3	R.VFMQPASEGTGIIAGGA.M	21
PLOG-8393	proteomics_log	3442928	3442972	-	6	3	R.VFM*QPASEGTGIIAG.G	20
PLOG-8394	proteomics_log	3442931	3442972	-	6	4	R.VFM*QPASEGTGIIA.G	19
PLOG-8395	proteomics_log	3442973	3443023	-	6	4	L.NNGTLQHPVKGVHTGSR.V	21
PLOG-8396	proteomics_log	3442973	3443044	-	6	225	R.NM*INVALNNGTLQHPVKGVHTGSR.V	29
PLOG-8397	proteomics_log	3442973	3443044	-	6	588	R.NMINVALNNGTLQHPVKGVHTGSR.V	28
PLOG-8398	proteomics_log	3442973	3443047	-	6	142	R.RNMINVALNNGTLQHPVKGVHTGSR.V	29
PLOG-8399	proteomics_log	3442973	3443077	-	6	5	A.AIQKAMEKARRNMINVALNNGTLQHPVKGVHTGSR.V	39
PLOG-8400	proteomics_log	3442994	3443044	-	6	4	R.NM*INVALNNGTLQHPVK.G	22
PLOG-8401	proteomics_log	3442994	3443044	-	6	46	R.NMINVALNNGTLQHPVK.G	21
PLOG-8402	proteomics_log	3442994	3443047	-	6	2	R.RNM*INVALNNGTLQHPVK.G	23
PLOG-8403	proteomics_log	3442994	3443047	-	6	4	R.RNMINVALNNGTLQHPVK.G	22
PLOG-8404	proteomics_log	3443006	3443044	-	6	5	R.NMINVALNNGTLQ.H	17
PLOG-8405	proteomics_log	3443006	3443044	-	6	5	R.NM*INVALNNGTLQ.H	18
PLOG-8406	proteomics_log	3443045	3443089	-	6	2	R.EVPAAIQKAMEKARR.N	19
PLOG-8407	proteomics_log	3443048	3443089	-	6	2	R.EVPAAIQKAMEKAR.R	18
PLOG-8408	proteomics_log	3443048	3443095	-	6	2	K.AREVPAAIQKAMEKAR.R	20
PLOG-8409	proteomics_log	3443054	3443083	-	6	11	V.PAAIQKAMEK.A	14
PLOG-8410	proteomics_log	3443054	3443089	-	6	7	R.EVPAAIQKAM*EK.A	17
PLOG-8411	proteomics_log	3443054	3443089	-	6	69	R.EVPAAIQKAMEK.A	16
PLOG-8412	proteomics_log	3443054	3443095	-	6	3	K.AREVPAAIQKAM*EK.A	19
PLOG-8413	proteomics_log	3443054	3443095	-	6	46	K.AREVPAAIQKAMEK.A	18

PLOG-8414	proteomics_log	3443066	3443089	-	6	179	R.EVPAAIQK.A	12
PLOG-8415	proteomics_log	3443066	3443095	-	6	101	K.AREVPAAIQK.A	14
PLOG-8416	proteomics_log	3443090	3443116	-	6	54	R.VGFGYGKAR.E	13
PLOG-8417	proteomics_log	3443090	3443164	-	6	67	R.IFSFTALTVVGDGNGRNVGFGYGKAR.E	29
PLOG-8418	proteomics_log	3443096	3443116	-	6	50	R.VGFGYGK.A	11
PLOG-8419	proteomics_log	3443096	3443164	-	6	134	R.IFSFTALTVVGDGNGRNVGFGYGK.A	27
PLOG-8420	proteomics_log	3443096	3443173	-	6	49	K.GGRIFSFTALTVVGDGNGRNVGFGYGK.A	30
PLOG-8421	proteomics_log	3443096	3443182	-	6	30	K.TVKGGRIFSFTALTVVGDGNGRNVGFGYGK.A	33
PLOG-8422	proteomics_log	3443096	3443197	-	6	7	V.NRVSKTVKGGRIFSFTALTVVGDGNGRNVGFGYGK.A	38
PLOG-8423	proteomics_log	3443117	3443164	-	6	882	R.IFSFTALTVVGDGNGR.V	20
PLOG-8424	proteomics_log	3443117	3443173	-	6	6	K.GGRIFSFTALTVVGDGNGR.V	23
PLOG-8425	proteomics_log	3443165	3443191	-	6	5	R.VSKTVKGGR.I	13
PLOG-8426	proteomics_log	3443165	3443209	-	6	109	K.LIAVNRVSKTVKGGR.I	19
PLOG-8427	proteomics_log	3443174	3443209	-	6	47	K.LIAVNRVSKTVK.G	16
PLOG-8428	proteomics_log	3443183	3443209	-	6	22	K.LIAVNRVSK.T	13
PLOG-8429	proteomics_log	3443183	3443233	-	6	52	K.QAGELQEKLIAVNRVSK.T	21
PLOG-8430	proteomics_log	3443192	3443233	-	6	10	K.QAGELQEKLIAVNR.V	18
PLOG-8431	proteomics_log	3443210	3443233	-	6	2	K.QAGELQEK.L	12
PLOG-8432	proteomics_log	3443210	3443248	-	6	41	M.AHIEKQAGELQEK.L	17
PLOG-8433	proteomics_log	3443269	3443313	-	5	269	R.VQALADAAREAGLQF.-	19
PLOG-8434	proteomics_log	3443269	3443337	-	5	28	R.SGFQYHGRVQALADAAREAGLQF.-	27
PLOG-8435	proteomics_log	3443272	3443313	-	5	7	R.VQALADAAREAGLQ.F	18
PLOG-8436	proteomics_log	3443284	3443313	-	5	81	R.VQALADAARE.A	14
PLOG-8437	proteomics_log	3443287	3443313	-	5	273	R.VQALADAAR.E	13
PLOG-8438	proteomics_log	3443287	3443337	-	5	69	R.SGFQYHGRVQALADAAR.E	21
PLOG-8439	proteomics_log	3443287	3443364	-	5	2	K.GIKDVSFDRSGFQYHGRVQALADAAR.E	30
PLOG-8440	proteomics_log	3443287	3443376	-	5	3	R.ALEKGIKDVSFDRSGFQYHGRVQALADAAR.E	34
PLOG-8441	proteomics_log	3443314	3443337	-	5	223	R.SGFQYHGR.V	12
PLOG-8442	proteomics_log	3443314	3443364	-	5	31	K.GIKDVSFDRSGFQYHGR.V	21
PLOG-8443	proteomics_log	3443314	3443376	-	5	21	R.ALEKGIKDVSFDRSGFQYHGR.V	25
PLOG-8444	proteomics_log	3443338	3443364	-	5	186	K.GIKDVSFDR.S	13
PLOG-8445	proteomics_log	3443338	3443376	-	5	251	R.ALEKGIKDVSFDR.S	17
PLOG-8446	proteomics_log	3443338	3443391	-	5	77	K.AVAERALEKGIKDVSFDR.S	22
PLOG-8447	proteomics_log	3443338	3443451	-	5	8	K.AIAEQLKYTGNKDAAAAVGKAVAERALEKGIKDVSFDR.S	42
PLOG-8448	proteomics_log	3443365	3443391	-	5	62	K.AVAERALEK.G	13
PLOG-8449	proteomics_log	3443365	3443430	-	5	3	K.YTGNKDAAAAVGKAVAERALEK.G	26
PLOG-8450	proteomics_log	3443365	3443451	-	5	17	K.AIAEQLKYTGNKDAAAAVGKAVAERALEK.G	33
PLOG-8451	proteomics_log	3443377	3443415	-	5	28	K.DAAAAVGKAVAER.A	17
PLOG-8452	proteomics_log	3443377	3443430	-	5	190	K.YTGNKDAAAAVGKAVAER.A	22
PLOG-8453	proteomics_log	3443377	3443451	-	5	207	K.AIAEQLKYTGNKDAAAAVGKAVAER.A	29
PLOG-8454	proteomics_log	3443377	3443490	-	5	7	N.GSEVLVAASTVEKIAIEQLKYTGNKDAAAAVGKAVAER.A	42
PLOG-8455	proteomics_log	3443377	3443520	-	5	23	R.HIYAQVIAPNGSEVLVAASTVEKIAIEQLKYTGNKDAAAAVGKAVAER.A	52
PLOG-8456	proteomics_log	3443392	3443415	-	5	59	K.DAAAAVGK.A	12
PLOG-8457	proteomics_log	3443392	3443430	-	5	224	K.YTGNKDAAAAVGK.A	17
PLOG-8458	proteomics_log	3443392	3443445	-	5	2	I.AEQLKYTGNKDAAAAVGK.A	22
PLOG-8459	proteomics_log	3443392	3443451	-	5	505	K.AIAEQLKYTGNKDAAAAVGK.A	24

PLOG-8460	proteomics_log	3443392	3443505	-	5	3	Q.VIAPNGSEVLVAASTVEKAIAEQLKYTGNDAAAAGVK.A	42
PLOG-8461	proteomics_log	3443392	3443520	-	5	180	R.HIYAQVIAPNGSEVLVAASTVEKAIAEQLKYTGNDAAAAGVK.A	47
PLOG-8462	proteomics_log	3443416	3443451	-	5	30	K.AIAEQLKYTGND	16
PLOG-8463	proteomics_log	3443431	3443520	-	5	264	R.HIYAQVIAPNGSEVLVAASTVEKAIAEQLK.Y	34
PLOG-8464	proteomics_log	3443452	3443496	-	5	7	A.PNGSEVLVAASTVEK.A	19
PLOG-8465	proteomics_log	3443452	3443505	-	5	3	Q.VIAPNGSEVLVAASTVEK.A	22
PLOG-8466	proteomics_log	3443452	3443508	-	5	6	A.QVIAPNGSEVLVAASTVEK.A	23
PLOG-8467	proteomics_log	3443452	3443520	-	5	584	R.HIYAQVIAPNGSEVLVAASTVEK.A	27
PLOG-8468	proteomics_log	3443521	3443544	-	5	9	R.LVVHRTPR.H	12
PLOG-8469	proteomics_log	3443545	3443568	-	5	41	K.LQELGATR.L	12
PLOG-8470	proteomics_log	3443545	3443571	-	5	227	R.KLQELGATR.L	13
PLOG-8471	proteomics_log	3443545	3443574	-	5	77	R.RKLQELGATR.L	14
PLOG-8472	proteomics_log	3443545	3443580	-	5	51	R.ARRKLQELGATR.L	16
PLOG-8473	proteomics_log	3443632	3443673	-	5	106	R.YADEVVRTKEAKKK.-	18
PLOG-8474	proteomics_log	3443638	3443673	-	5	153	R.YADEVVRTKEAK.K	16
PLOG-8475	proteomics_log	3443647	3443673	-	5	94	R.YADEVVRTK.E	13
PLOG-8476	proteomics_log	3443653	3443673	-	5	96	R.YADEVVR.T	11
PLOG-8477	proteomics_log	3443674	3443706	-	5	38	R.RPEPYKGGKGV.R.Y	15
PLOG-8478	proteomics_log	3443674	3443715	-	5	34	R.AYRRPEPYKGGKGV.R.Y	18
PLOG-8479	proteomics_log	3443683	3443706	-	5	29	R.RPEPYKGGK.G	12
PLOG-8480	proteomics_log	3443716	3443748	-	5	55	K.QVIGQVAADLR.A	15
PLOG-8481	proteomics_log	3443716	3443760	-	5	357	K.GADKQVIGQVAADLR.A	19
PLOG-8482	proteomics_log	3443716	3443787	-	5	11	C.PTQTEIVLKGADKQVIGQVAADLR.A	28
PLOG-8483	proteomics_log	3443758	3443865	-	5	17	K.GNVINLSLGFSPVDHQLPAGITAEPTQTEIVLKG.A	40
PLOG-8484	proteomics_log	3443758	3443877	-	5	14	R.AAVKGNVINLSLGFSPVDHQLPAGITAEPTQTEIVLKG.A	44
PLOG-8485	proteomics_log	3443791	3443877	-	5	11	R.AAVKGNVINLSLGFSPVDHQLPAGITAE.C	33
PLOG-8486	proteomics_log	3443866	3443904	-	5	5	K.LQLVGVGYRAAVK.G	17
PLOG-8487	proteomics_log	3443866	3443907	-	5	18	K.KLQLVGVGYRAAVK.G	18
PLOG-8488	proteomics_log	3443866	3443955	-	5	7	R.ALLNSMVIGVTEGFTKKLQLVGVGYRAAVK.G	34
PLOG-8489	proteomics_log	3443878	3443904	-	5	255	K.LQLVGVGYR.A	13
PLOG-8490	proteomics_log	3443878	3443907	-	5	263	K.KLQLVGVGYR.A	14
PLOG-8491	proteomics_log	3443878	3443955	-	5	3	R.ALLNSM*VIGVTEGFTKKLQLVGVGYR.A	31
PLOG-8492	proteomics_log	3443878	3443955	-	5	167	R.ALLNSMVIGVTEGFTKKLQLVGVGYR.A	30
PLOG-8493	proteomics_log	3443905	3443949	-	5	7	L.LNSMVIGVTEGFTKK.L	19
PLOG-8494	proteomics_log	3443905	3443955	-	5	16	R.ALLNSM*VIGVTEGFTKK.L	22
PLOG-8495	proteomics_log	3443905	3443955	-	5	246	R.ALLNSMVIGVTEGFTKK.L	21
PLOG-8496	proteomics_log	3443905	3443982	-	5	15	D.GWAQAGTARALLNSMVIGVTEGFTKK.L	30
PLOG-8497	proteomics_log	3443908	3443943	-	5	2	N.SMVIGVTEGFTK.K	16
PLOG-8498	proteomics_log	3443908	3443955	-	5	369	R.ALLNSM*VIGVTEGFTK.K	21
PLOG-8499	proteomics_log	3443908	3443955	-	5	1043	R.ALLNSMVIGVTEGFTK.K	20
PLOG-8500	proteomics_log	3443908	3443997	-	5	3	R.DGYADGWAQAGTARALLNSMVIGVTEGFTK.K	34
PLOG-8501	proteomics_log	3443956	3443997	-	5	190	R.DGYADGWAQAGTAR.A	18
PLOG-8502	proteomics_log	3443956	3444036	-	5	5	E.VKHADNLTFTGPRDGYADGWAQAGTAR.A	31
PLOG-8503	proteomics_log	3443956	3444057	-	5	18	R.TLNDAVEVKHADNLTFTGPRDGYADGWAQAGTAR.A	38
PLOG-8504	proteomics_log	3443998	3444030	-	5	249	K.HADNLTFTGPR.D	15
PLOG-8505	proteomics_log	3443998	3444057	-	5	451	R.TLNDAVEVKHADNLTFTGPR.D	24

PLOG-8506	proteomics_log	3443998	3444075	-	5	7	K.NGELTRTLNDAVEVKHADNTLTFGPR.D	30
PLOG-8507	proteomics_log	3443998	3444087	-	5	195	T.IKGKNGELTRTLNDAVEVKHADNTLTFGPR.D	34
PLOG-8508	proteomics_log	3444031	3444051	-	5	19	L.NDAVEVK.H	11
PLOG-8509	proteomics_log	3444031	3444057	-	5	269	R.TLNDAVEVK.H	13
PLOG-8510	proteomics_log	3444031	3444075	-	5	3	K.NGELTRTLNDAVEVK.H	19
PLOG-8511	proteomics_log	3444058	3444108	-	5	140	K.INGQVITIKGKNGELTR.T	21
PLOG-8512	proteomics_log	3444058	3444144	-	5	9	K.APVVVPAGVDVKINGQVITIKGKNGELTR.T	33
PLOG-8513	proteomics_log	3444058	3444153	-	5	2	R.VAKAPVVVPAGVDVKINGQVITIKGKNGELTR.T	36
PLOG-8514	proteomics_log	3444058	3444159	-	5	3	M.SRVAKAPVVVPAGVDVKINGQVITIKGKNGELTR.T	38
PLOG-8515	proteomics_log	3444076	3444108	-	5	164	K.INGQVITIKGK.N	15
PLOG-8516	proteomics_log	3444076	3444144	-	5	2	K.APVVVPAGVDVKINGQVITIKGK.N	27
PLOG-8517	proteomics_log	3444076	3444153	-	5	3	R.VAKAPVVVPAGVDVKINGQVITIKGK.N	30
PLOG-8518	proteomics_log	3444076	3444159	-	5	92	M.SRVAKAPVVVPAGVDVKINGQVITIKGK.N	32
PLOG-8519	proteomics_log	3444082	3444108	-	5	59	K.INGQVITIK.G	13
PLOG-8520	proteomics_log	3444082	3444144	-	5	2	K.APVVVPAGVDVKINGQVITIK.G	25
PLOG-8521	proteomics_log	3444082	3444153	-	5	2	R.VAKAPVVVPAGVDVKINGQVITIK.G	28
PLOG-8522	proteomics_log	3444082	3444159	-	5	154	M.SRVAKAPVVVPAGVDVKINGQVITIK.G	30
PLOG-8523	proteomics_log	3444109	3444144	-	5	266	K.APVVVPAGVDVK.I	16
PLOG-8524	proteomics_log	3444109	3444153	-	5	177	R.VAKAPVVVPAGVDVK.I	19
PLOG-8525	proteomics_log	3444109	3444159	-	5	432	M.SRVAKAPVVVPAGVDVK.I	21
PLOG-8526	proteomics_log	3444178	3444216	-	5	5	R.QAGLGGEIICYVA.-	17
PLOG-8527	proteomics_log	3444178	3444225	-	5	5	R.AARQAGLGGEIICYVA.-	20
PLOG-8528	proteomics_log	3444214	3444306	-	5	5	K.RKDELPKVMAGLGIADVSTSKGVM*TDRAARQ.A	36
PLOG-8529	proteomics_log	3444226	3444255	-	5	4	V.STSKGVMTDR.A	14
PLOG-8530	proteomics_log	3444226	3444261	-	5	3	A.VVSTSKGVM*TDR.A	17
PLOG-8531	proteomics_log	3444226	3444261	-	5	9	A.VVSTSKGVMTDR.A	16
PLOG-8532	proteomics_log	3444226	3444273	-	5	7	G.LGIADVSTSKGVMTDR.A	20
PLOG-8533	proteomics_log	3444226	3444282	-	5	2	V.M*AGLGIADVSTSKGVMTDR.A	24
PLOG-8534	proteomics_log	3444226	3444285	-	5	117	K.VMAGLGIADVSTSKGVMTDR.A	24
PLOG-8535	proteomics_log	3444226	3444300	-	5	20	K.DELPKVMAGLGIADVSTSKGVMTDR.A	29
PLOG-8536	proteomics_log	3444226	3444303	-	5	115	R.KDELPKVMAGLGIADVSTSKGVMTDR.A	30
PLOG-8537	proteomics_log	3444226	3444306	-	5	2	K.RKDELPKVMAGLGIADVSTSKGVM*TDR.A	32
PLOG-8538	proteomics_log	3444226	3444306	-	5	2	K.RKDELPKVM*AGLGIADVSTSKGVM*TDR.A	33
PLOG-8539	proteomics_log	3444226	3444306	-	5	136	K.RKDELPKVMAGLGIADVSTSKGVMTDR.A	31
PLOG-8540	proteomics_log	3444226	3444309	-	5	15	Y.KRKDELPKVMAGLGIADVSTSKGVMTDR.A	32
PLOG-8541	proteomics_log	3444226	3444315	-	5	125	R.IYKRKDELPKVMAGLGIADVSTSKGVMTDR.A	34
PLOG-8542	proteomics_log	3444244	3444276	-	5	3	A.GLGIADVSTSK.G	15
PLOG-8543	proteomics_log	3444244	3444285	-	5	11	K.VM*AGLGIADVSTSK.G	19
PLOG-8544	proteomics_log	3444244	3444285	-	5	232	K.VMAGLGIADVSTSK.G	18
PLOG-8545	proteomics_log	3444244	3444300	-	5	2	K.DELPKVMAGLGIADVSTSK.G	23
PLOG-8546	proteomics_log	3444244	3444303	-	5	2	R.KDELPKVM*AGLGIADVSTSK.G	25
PLOG-8547	proteomics_log	3444244	3444303	-	5	36	R.KDELPKVMAGLGIADVSTSK.G	24
PLOG-8548	proteomics_log	3444244	3444306	-	5	3	K.RKDELPKVM*AGLGIADVSTSK.G	26
PLOG-8549	proteomics_log	3444244	3444306	-	5	88	K.RKDELPKVMAGLGIADVSTSK.G	25
PLOG-8550	proteomics_log	3444244	3444315	-	5	2	R.IYKRKDELPKVM*AGLGIADVSTSK.G	29
PLOG-8551	proteomics_log	3444244	3444315	-	5	120	R.IYKRKDELPKVMAGLGIADVSTSK.G	28



PLOG-8552	proteomics_log	3444277	3444315	-	5	3	R.IYKRKDELPKVMA.G	17
PLOG-8553	proteomics_log	3444286	3444306	-	5	2	K.RKDELPK.V	11
PLOG-8554	proteomics_log	3444286	3444315	-	5	7	R.IYKRKDELPK.V	14
PLOG-8555	proteomics_log	3444316	3444360	-	5	7	K.AVVESIQRVSRPGLR.I	19
PLOG-8556	proteomics_log	3444337	3444360	-	5	205	K.AVVESIQR.V	12
PLOG-8557	proteomics_log	3444337	3444375	-	5	113	K.YFQKAVVESIQR.V	17
PLOG-8558	proteomics_log	3444337	3444438	-	5	4	E.GFIEDFKVEGDTKPELELTLKYFQKAVVESIQR.V	38
PLOG-8559	proteomics_log	3444361	3444468	-	5	91	K.VAIANVLKEEGFIEDFKVEGDTKPELELTLKYFQGK.A	40
PLOG-8560	proteomics_log	3444361	3444474	-	5	6	K.LKVAIANVLKEEGFIEDFKVEGDTKPELELTLKYFQGK.A	42
PLOG-8561	proteomics_log	3444376	3444444	-	5	2	K.EEGFIEDFKVEGDTKPELELTLK.Y	27
PLOG-8562	proteomics_log	3444376	3444468	-	5	381	K.VAIANVLKEEGFIEDFKVEGDTKPELELTLK.Y	35
PLOG-8563	proteomics_log	3444376	3444474	-	5	200	K.LKVAIANVLKEEGFIEDFKVEGDTKPELELTLK.Y	37
PLOG-8564	proteomics_log	3444376	3444501	-	5	2	K.AAVTM*PSSKLVAIANVLKEEGFIEDFKVEGDTKPELELTLK.Y	47
PLOG-8565	proteomics_log	3444388	3444417	-	5	3	K.VEGDTKPELE.L	14
PLOG-8566	proteomics_log	3444418	3444468	-	5	20	K.VAIANVLKEEGFIEDFK.V	21
PLOG-8567	proteomics_log	3444445	3444474	-	5	2	K.LKVAIANVLK.E	14
PLOG-8568	proteomics_log	3444469	3444501	-	5	14	K.AAVTMPSSKLV.V	15
PLOG-8569	proteomics_log	3444469	3444522	-	5	16	R.NGQAANKAAVTM*PSSKLV.V	23
PLOG-8570	proteomics_log	3444469	3444522	-	5	75	R.NGQAANKAAVTMPSSKLV.V	22
PLOG-8571	proteomics_log	3444469	3444528	-	5	7	R.IRNGQAANKAAVTM*PSSKLV.V	25
PLOG-8572	proteomics_log	3444469	3444528	-	5	81	R.IRNGQAANKAAVTMPSSKLV.V	24
PLOG-8573	proteomics_log	3444475	3444501	-	5	17	K.AAVTM*PSSK.L	14
PLOG-8574	proteomics_log	3444475	3444501	-	5	38	K.AAVTMPSSK.L	13
PLOG-8575	proteomics_log	3444475	3444522	-	5	28	R.NGQAANKAAVTM*PSSK.L	21
PLOG-8576	proteomics_log	3444475	3444522	-	5	128	R.NGQAANKAAVTMPSSK.L	20
PLOG-8577	proteomics_log	3444475	3444528	-	5	120	R.IRNGQAANKAAVTM*PSSK.L	23
PLOG-8578	proteomics_log	3444475	3444528	-	5	193	R.IRNGQAANKAAVTMPSSK.L	22
PLOG-8579	proteomics_log	3444502	3444528	-	5	5	R.IRNGQAANK.A	13
PLOG-8580	proteomics_log	3444529	3444552	-	5	3	D.PIADMLTR.I	12
PLOG-8581	proteomics_log	3444529	3444564	-	5	49	M.SM*QDPIADM*LTR.I	18
PLOG-8582	proteomics_log	3444529	3444564	-	5	71	M.SMQDPIADM*LTR.I	17
PLOG-8583	proteomics_log	3444529	3444564	-	5	194	M.SM*QDPIADMLTR.I	17
PLOG-8584	proteomics_log	3444529	3444564	-	5	469	M.SMQDPIADMLTR.I	16
PLOG-8585	proteomics_log	3444529	3444567	-	5	11	Q.MSMQDPIADMLTR.I	17
PLOG-8586	proteomics_log	3444604	3444651	-	5	44	R.EAAMRGEIPGLKKASW.-	20
PLOG-8587	proteomics_log	3444604	3444663	-	5	3	R.IKVREAAMRGEIPGLKKASW.-	24
PLOG-8588	proteomics_log	3444613	3444651	-	5	64	R.EAAMRGEIPGLKK.A	17
PLOG-8589	proteomics_log	3444613	3444663	-	5	9	R.IKVREAAMRGEIPGLKK.A	21
PLOG-8590	proteomics_log	3444616	3444639	-	5	6	M.RGEIPGLK.K	12
PLOG-8591	proteomics_log	3444616	3444642	-	5	2	A.MRGEIPGLK.K	13
PLOG-8592	proteomics_log	3444616	3444645	-	5	3	A.AMRGEIPGLK.K	14
PLOG-8593	proteomics_log	3444616	3444651	-	5	23	R.EAAMRGEIPGLK.K	16
PLOG-8594	proteomics_log	3444637	3444663	-	5	13	R.IKVREAAMR.G	13
PLOG-8595	proteomics_log	3444724	3444765	-	5	2	K.LQTLPRDSSPSRQR.N	18
PLOG-8596	proteomics_log	3444730	3444765	-	5	62	K.LQTLPRDSSPSR.Q	16
PLOG-8597	proteomics_log	3444748	3444822	-	5	181	K.AIISDVNASDEDRWNAVLKLQTLPR.D	29

PLOG-8598	proteomics_log	3444748	3444834	-	5	118	R.AELKAIISDVNASDEDRWNAVLKQLTLPR.D	33
PLOG-8599	proteomics_log	3444748	3444837	-	5	24	K.RAELKAIISDVNASDEDRWNAVLKQLTLPR.D	34
PLOG-8600	proteomics_log	3444766	3444822	-	5	251	K.AIISDVNASDEDRWNAVLK.L	23
PLOG-8601	proteomics_log	3444766	3444834	-	5	48	R.AELKAIISDVNASDEDRWNAVLK.L	27
PLOG-8602	proteomics_log	3444766	3444837	-	5	30	K.RAELKAIISDVNASDEDRWNAVLK.L	28
PLOG-8603	proteomics_log	3444766	3444867	-	5	2	R.VALADKYFAKRAELKAIISDVNASDEDRWNAVLK.L	38
PLOG-8604	proteomics_log	3444784	3444822	-	5	17	K.AIISDVNASDEDR.W	17
PLOG-8605	proteomics_log	3444823	3444867	-	5	33	R.VALADKYFAKRAELK.A	19
PLOG-8606	proteomics_log	3444823	3444879	-	5	5	R.EVKRVALADKYFAKRAELK.A	23
PLOG-8607	proteomics_log	3444835	3444864	-	5	6	V.ALADKYFAKR.A	14
PLOG-8608	proteomics_log	3444835	3444867	-	5	160	R.VALADKYFAKR.A	15
PLOG-8609	proteomics_log	3444835	3444870	-	5	112	K.RVALADKYFAKR.A	16
PLOG-8610	proteomics_log	3444835	3444879	-	5	10	R.EVKRVALADKYFAKR.A	19
PLOG-8611	proteomics_log	3444838	3444864	-	5	5	V.ALADKYFAK.R	13
PLOG-8612	proteomics_log	3444838	3444867	-	5	265	R.VALADKYFAK.R	14
PLOG-8613	proteomics_log	3444838	3444870	-	5	173	K.RVALADKYFAK.R	15
PLOG-8614	proteomics_log	3444838	3444879	-	5	17	R.EVKRVALADKYFAK.R	18
PLOG-8615	proteomics_log	3444838	3444885	-	5	2	K.AREVKRVALADKYFAK.R	20
PLOG-8616	proteomics_log	3444868	3444903	-	5	12	M.AKQSMKAREVKR.V	16
PLOG-8617	proteomics_log	3444871	3444903	-	5	26	M.AKQSMKAREVK.R	15
PLOG-8618	proteomics_log	3444924	3444959	-	4	328	R.ALLAAFDFPFRK.-	16
PLOG-8619	proteomics_log	3444924	3444977	-	4	216	K.SDEEGRALLAAFDFPFRK.-	22
PLOG-8620	proteomics_log	3444924	3445010	-	4	134	R.GLDTITTTAKSDEEGRALLAAFDFPFRK.-	33
PLOG-8621	proteomics_log	3444924	3445016	-	4	11	R.VRGLDITITTTAKSDEEGRALLAAFDFPFRK.-	35
PLOG-8622	proteomics_log	3444927	3444959	-	4	50	R.ALLAAFDFPFR.K	15
PLOG-8623	proteomics_log	3444930	3444959	-	4	3	R.ALLAAFDFPF.R	14
PLOG-8624	proteomics_log	3444960	3445010	-	4	281	R.GLDTITTTAKSDEEGR.A	21
PLOG-8625	proteomics_log	3444960	3445016	-	4	29	R.VRGLDITITTTAKSDEEGR.A	23
PLOG-8626	proteomics_log	3444978	3445010	-	4	155	R.GLDTITTTAK.S	15
PLOG-8627	proteomics_log	3444978	3445016	-	4	42	R.VRGLDITITTTAK.S	17
PLOG-8628	proteomics_log	3445011	3445049	-	4	3	I.FPEIDYDKVDRVR.G	17
PLOG-8629	proteomics_log	3445011	3445061	-	4	128	R.EQIIFPEIDYDKVDRVR.G	21
PLOG-8630	proteomics_log	3445011	3445085	-	4	9	R.GNYSMGVREQIIFPEIDYDKVDRVR.G	29
PLOG-8631	proteomics_log	3445011	3445100	-	4	2	K.SFDGRGNYSM*GVREQIIFPEIDYDKVDRVR.G	35
PLOG-8632	proteomics_log	3445017	3445046	-	4	5	F.PEIDYDKVDR.V	14
PLOG-8633	proteomics_log	3445017	3445049	-	4	4	I.FPEIDYDKVDR.V	15
PLOG-8634	proteomics_log	3445017	3445061	-	4	187	R.EQIIFPEIDYDKVDR.V	19
PLOG-8635	proteomics_log	3445017	3445085	-	4	10	R.GNYSMGVREQIIFPEIDYDKVDR.V	27
PLOG-8636	proteomics_log	3445017	3445100	-	4	4	K.SFDGRGNYSM*GVREQIIFPEIDYDKVDR.V	33
PLOG-8637	proteomics_log	3445062	3445085	-	4	26	R.GNYSMGVR.E	12
PLOG-8638	proteomics_log	3445062	3445100	-	4	111	K.SFDGRGNYSMGVR.E	17
PLOG-8639	proteomics_log	3445131	3445154	-	4	103	R.LITIAVPR.I	12
PLOG-8640	proteomics_log	3445131	3445196	-	4	2	K.VTLRGERMWEFFERLITIAVPR.I	26
PLOG-8641	proteomics_log	3445155	3445175	-	4	29	R.M*WEFFER.L	12
PLOG-8642	proteomics_log	3445155	3445175	-	4	96	R.MWEFFER.L	11
PLOG-8643	proteomics_log	3445155	3445196	-	4	5	K.VTLRGERMWEFFER.L	18

PLOG-8644	proteomics_log	3445197	3445226	-	4	6	K.IRQGYPIGCK.V	14
PLOG-8645	proteomics_log	3445221	3445244	-	4	7	K.SVAGFKIR.Q	12
PLOG-8646	proteomics_log	3445221	3445247	-	4	113	R.KSVAGFKIR.Q	13
PLOG-8647	proteomics_log	3445221	3445253	-	4	8	K.ARKSVAGFKIR.Q	15
PLOG-8648	proteomics_log	3445224	3445316	-	4	57	K.LLDNAAADLAAISGQKPLITKARKSVAGFKI.R	35
PLOG-8649	proteomics_log	3445227	3445247	-	4	160	R.KSVAGFK.I	11
PLOG-8650	proteomics_log	3445227	3445253	-	4	5	K.ARKSVAGFK.I	13
PLOG-8651	proteomics_log	3445245	3445316	-	4	10	K.LLDNAAADLAAISGQKPLITKARK.S	28
PLOG-8652	proteomics_log	3445245	3445361	-	4	3	K.ITLNMVGVEAIADKKLLDNAAADLAAISGQKPLITKARK.S	43
PLOG-8653	proteomics_log	3445245	3445361	-	4	3	K.ITLNM*GVGEAIADKKLLDNAAADLAAISGQKPLITKARK.S	44
PLOG-8654	proteomics_log	3445245	3445370	-	4	2	R.VEKITLNMVGVEAIADKKLLDNAAADLAAISGQKPLITKARK.S	46
PLOG-8655	proteomics_log	3445248	3445316	-	4	48	K.LLDNAAADLAAISGQKPLITKAR.K	27
PLOG-8656	proteomics_log	3445248	3445319	-	4	29	K.KLLDNAAADLAAISGQKPLITKAR.K	28
PLOG-8657	proteomics_log	3445248	3445361	-	4	5	K.ITLNM*GVGEAIADKKLLDNAAADLAAISGQKPLITKAR.K	43
PLOG-8658	proteomics_log	3445248	3445361	-	4	35	K.ITLNMVGVEAIADKKLLDNAAADLAAISGQKPLITKAR.K	42
PLOG-8659	proteomics_log	3445248	3445370	-	4	6	R.VEKITLNM*GVGEAIADKKLLDNAAADLAAISGQKPLITKAR.K	46
PLOG-8660	proteomics_log	3445248	3445370	-	4	12	R.VEKITLNMVGVEAIADKKLLDNAAADLAAISGQKPLITKAR.K	45
PLOG-8661	proteomics_log	3445254	3445286	-	4	5	A.AISGQKPLITK.A	15
PLOG-8662	proteomics_log	3445254	3445298	-	4	9	A.ADLAAISGQKPLITK.A	19
PLOG-8663	proteomics_log	3445254	3445310	-	4	22	L.DNAAADLAAISGQKPLITK.A	23
PLOG-8664	proteomics_log	3445254	3445313	-	4	2	L.LDNAAADLAAISGQKPLITK.A	24
PLOG-8665	proteomics_log	3445254	3445316	-	4	478	K.LLDNAAADLAAISGQKPLITK.A	25
PLOG-8666	proteomics_log	3445254	3445319	-	4	127	K.KLLDNAAADLAAISGQKPLITK.A	26
PLOG-8667	proteomics_log	3445254	3445331	-	4	21	A.IADKKLLDNAAADLAAISGQKPLITK.A	30
PLOG-8668	proteomics_log	3445254	3445334	-	4	8	E.AIADKKLLDNAAADLAAISGQKPLITK.A	31
PLOG-8669	proteomics_log	3445254	3445361	-	4	17	K.ITLNM*GVGEAIADKKLLDNAAADLAAISGQKPLITK.A	41
PLOG-8670	proteomics_log	3445254	3445361	-	4	309	K.ITLNMVGVEAIADKKLLDNAAADLAAISGQKPLITK.A	40
PLOG-8671	proteomics_log	3445254	3445370	-	4	27	R.VEKITLNM*GVGEAIADKKLLDNAAADLAAISGQKPLITK.A	44
PLOG-8672	proteomics_log	3445254	3445370	-	4	201	R.VEKITLNMVGVEAIADKKLLDNAAADLAAISGQKPLITK.A	43
PLOG-8673	proteomics_log	3445254	3445379	-	4	42	Q.VPRVEKITLNMVGVEAIADKKLLDNAAADLAAISGQKPLITK.A	46
PLOG-8674	proteomics_log	3445317	3445361	-	4	7	K.ITLNM*GVGEAIADKK.L	20
PLOG-8675	proteomics_log	3445317	3445361	-	4	43	K.ITLNMVGVEAIADKK.L	19
PLOG-8676	proteomics_log	3445317	3445370	-	4	14	R.VEKITLNM*GVGEAIADKK.L	23
PLOG-8677	proteomics_log	3445317	3445370	-	4	108	R.VEKITLNMVGVEAIADKK.L	22
PLOG-8678	proteomics_log	3445320	3445361	-	4	2	K.ITLNM*GVGEAIADK.K	19
PLOG-8679	proteomics_log	3445320	3445361	-	4	87	K.ITLNMVGVEAIADK.K	18
PLOG-8680	proteomics_log	3445320	3445370	-	4	2	R.VEKITLNM*GVGEAIADK.K	22
PLOG-8681	proteomics_log	3445362	3445415	-	4	14	K.LMTEFNYSVMQVPRVEK.I	22
PLOG-8682	proteomics_log	3445362	3445418	-	4	18	K.KLMTEFNYSVMQVPRVEK.I	23
PLOG-8683	proteomics_log	3445371	3445415	-	4	13	K.LMTEFNYSVM*QVPR.V	20
PLOG-8684	proteomics_log	3445371	3445415	-	4	13	K.LM*TEFNYSVM*QVPR.V	21
PLOG-8685	proteomics_log	3445371	3445415	-	4	16	K.LM*TEFNYSVMQVPR.V	20
PLOG-8686	proteomics_log	3445371	3445415	-	4	377	K.LMTEFNYSVMQVPR.V	19
PLOG-8687	proteomics_log	3445371	3445418	-	4	7	K.KLM*TEFNYSVMQVPR.V	21
PLOG-8688	proteomics_log	3445371	3445418	-	4	7	K.KLM*TEFNYSVM*QVPR.V	22
PLOG-8689	proteomics_log	3445371	3445418	-	4	14	K.KLMTEFNYSVM*QVPR.V	21

PLOG-8690	proteomics_log	3445371	3445418	-	4	314	K.KLMTEFNYSVMQVPR.V	20
PLOG-8691	proteomics_log	3445371	3445457	-	4	2	M.AKLHDYKDEVVKKLM*TEFNYSVM*QVPR.V	35
PLOG-8692	proteomics_log	3445371	3445457	-	4	38	M.AKLHDYKDEVVKKLMTEFNYSVMQVPR.V	33
PLOG-8693	proteomics_log	3445380	3445415	-	4	2	K.LMTEFNYSVMQ.V	16
PLOG-8694	proteomics_log	3445380	3445415	-	4	2	K.LM*TEFNYSVMQ.V	17
PLOG-8695	proteomics_log	3445380	3445415	-	4	2	K.LMTEFNYSVM*Q.V	17
PLOG-8696	proteomics_log	3445380	3445415	-	4	2	K.LM*TEFNYSVM*Q.V	18
PLOG-8697	proteomics_log	3445392	3445415	-	4	6	K.LM*TEFNYN.S	13
PLOG-8698	proteomics_log	3445416	3445451	-	4	8	K.LHDYKDEVVKK.L	16
PLOG-8699	proteomics_log	3445416	3445457	-	4	460	M.AKLHDYKDEVVKK.L	18
PLOG-8700	proteomics_log	3445419	3445451	-	4	13	K.LHDYKDEVVKK.K	15
PLOG-8701	proteomics_log	3445419	3445457	-	4	239	M.AKLHDYKDEVVKK.K	17
PLOG-8702	proteomics_log	3445434	3445457	-	4	2	M.AKLHDYK.D	12
PLOG-8703	proteomics_log	3445478	3445507	-	6	339	R.FFKSNSETIK.-	14
PLOG-8704	proteomics_log	3445478	3445513	-	6	86	K.VRFFKSNSETIK.-	16
PLOG-8705	proteomics_log	3445478	3445516	-	6	9	K.KVRFFKSNSETIK.-	17
PLOG-8706	proteomics_log	3445508	3445531	-	6	35	R.FEDGKKVR.F	12
PLOG-8707	proteomics_log	3445508	3445543	-	6	81	R.VGFRFEDGKKVR.F	16
PLOG-8708	proteomics_log	3445517	3445543	-	6	4	R.VGFRFEDGK.K	13
PLOG-8709	proteomics_log	3445544	3445606	-	6	4	K.EAAIQVSNVAIFNAATGKADR.V	25
PLOG-8710	proteomics_log	3445544	3445630	-	6	42	N.QPGGIVEKEAAIQVSNVAIFNAATGKADR.V	33
PLOG-8711	proteomics_log	3445544	3445657	-	6	10	K.HQKVPALNQPGGIVEKEAAIQVSNVAIFNAATGKADR.V	42
PLOG-8712	proteomics_log	3445553	3445606	-	6	50	K.EAAIQVSNVAIFNAATGK.A	22
PLOG-8713	proteomics_log	3445553	3445657	-	6	11	K.HQKVPALNQPGGIVEKEAAIQVSNVAIFNAATGK.A	39
PLOG-8714	proteomics_log	3445553	3445690	-	6	4	K.VIVEGINLVKKHQKVPALNQPGGIVEKEAAIQVSNVAIFNAATGK.A	50
PLOG-8715	proteomics_log	3445607	3445657	-	6	93	K.HQKVPALNQPGGIVEK.E	21
PLOG-8716	proteomics_log	3445607	3445660	-	6	89	K.KHQKVPALNQPGGIVEK.E	22
PLOG-8717	proteomics_log	3445607	3445690	-	6	42	K.VIVEGINLVKKHQKVPALNQPGGIVEK.E	32
PLOG-8718	proteomics_log	3445658	3445690	-	6	105	K.VIVEGINLVKK.H	15
PLOG-8719	proteomics_log	3445658	3445711	-	6	67	K.NVLSSGKVIVEGINLVKK.H	22
PLOG-8720	proteomics_log	3445658	3445717	-	6	125	K.VKNVLSSGKVIVEGINLVKK.H	24
PLOG-8721	proteomics_log	3445658	3445723	-	6	12	R.GKVKNVLSSGKVIVEGINLVKK.H	26
PLOG-8722	proteomics_log	3445661	3445690	-	6	181	K.VIVEGINLVK.K	14
PLOG-8723	proteomics_log	3445661	3445702	-	6	3	L.SSGKVIVEGINLVK.K	18
PLOG-8724	proteomics_log	3445661	3445711	-	6	121	K.NVLSSGKVIVEGINLVK.K	21
PLOG-8725	proteomics_log	3445661	3445717	-	6	238	K.VKNVLSSGKVIVEGINLVK.K	23
PLOG-8726	proteomics_log	3445661	3445723	-	6	60	R.GKVKNVLSSGKVIVEGINLVK.K	25
PLOG-8727	proteomics_log	3445661	3445726	-	6	6	K.RGKVKNVLSSGKVIVEGINLVK.K	26
PLOG-8728	proteomics_log	3445661	3445735	-	6	4	D.KGKRGKVKNVLSSGKVIVEGINLVK.K	29
PLOG-8729	proteomics_log	3445691	3445711	-	6	52	K.NVLSSGK.V	11
PLOG-8730	proteomics_log	3445691	3445717	-	6	112	K.VKNVLSSGK.V	13
PLOG-8731	proteomics_log	3445691	3445723	-	6	145	R.GKVKNVLSSGK.V	15
PLOG-8732	proteomics_log	3445691	3445726	-	6	19	K.RGKVKNVLSSGK.V	16
PLOG-8733	proteomics_log	3445718	3445768	-	6	5	R.DDEVIVLTGKDKGKRGK.V	21
PLOG-8734	proteomics_log	3445718	3445771	-	6	8	R.RDDEVIVLTGKDKGKRGK.V	22
PLOG-8735	proteomics_log	3445718	3445777	-	6	24	K.IRRDDEVIVLTGKDKGKRGK.V	24

PLOG-8736	proteomics_log	3445724	3445768	-	6	8	R.DDEVIVLTGKDKGKR.G	19
PLOG-8737	proteomics_log	3445724	3445771	-	6	110	R.RDDEVIVLTGKDKGKR.G	20
PLOG-8738	proteomics_log	3445724	3445777	-	6	130	K.IRRDDEVIVLTGKDKGKR.G	22
PLOG-8739	proteomics_log	3445724	3445786	-	6	5	M.AAKIRRDDEVIVLTGKDKGKR.G	25
PLOG-8740	proteomics_log	3445727	3445768	-	6	4	R.DDEVIVLTGKDKGK.R	18
PLOG-8741	proteomics_log	3445727	3445771	-	6	20	R.RDDEVIVLTGKDKGK.R	19
PLOG-8742	proteomics_log	3445727	3445777	-	6	52	K.IRRDDEVIVLTGKDKGK.R	21
PLOG-8743	proteomics_log	3445727	3445786	-	6	5	M.AAKIRRDDEVIVLTGKDKGK.R	24
PLOG-8744	proteomics_log	3445733	3445768	-	6	17	R.DDEVIVLTGKDK.G	16
PLOG-8745	proteomics_log	3445733	3445771	-	6	28	R.RDDEVIVLTGKDK.G	17
PLOG-8746	proteomics_log	3445733	3445777	-	6	56	K.IRRDDEVIVLTGKDK.G	19
PLOG-8747	proteomics_log	3445739	3445768	-	6	5	R.DDEVIVLTGK.D	14
PLOG-8748	proteomics_log	3445739	3445771	-	6	67	R.RDDEVIVLTGK.D	15
PLOG-8749	proteomics_log	3445739	3445777	-	6	100	K.IRRDDEVIVLTGK.D	17
PLOG-8750	proteomics_log	3445803	3445829	-	4	90	K.IISLAPEVL.-	13
PLOG-8751	proteomics_log	3445803	3445838	-	4	3	K.FM*KIISLAPEVL.-	17
PLOG-8752	proteomics_log	3445803	3445838	-	4	134	K.FMKIISLAPEVL.-	16
PLOG-8753	proteomics_log	3445803	3445847	-	4	2	R.SEKFMKIISLAPEVL.-	19
PLOG-8754	proteomics_log	3445803	3445856	-	4	24	R.ELRSEKFMKIISLAPEVL.-	22
PLOG-8755	proteomics_log	3445830	3445847	-	4	9	R.SEKFMK.I	10
PLOG-8756	proteomics_log	3445830	3445856	-	4	8	R.ELRSEKFMK.I	13
PLOG-8757	proteomics_log	3445857	3445937	-	4	7	R.FDGNACVLLNNNSEQPIGTRIFGPVTR.E	31
PLOG-8758	proteomics_log	3445878	3445907	-	4	36	N.NNSEQPIGTR.I	14
PLOG-8759	proteomics_log	3445878	3445910	-	4	3	L.NNSEQPIGTR.I	15
PLOG-8760	proteomics_log	3445878	3445919	-	4	84	C.VLLNNNSEQPIGTR.I	18
PLOG-8761	proteomics_log	3445878	3445937	-	4	9	R.FDGNACVLLNNNSEQPIGTR.I	24
PLOG-8762	proteomics_log	3445938	3445961	-	4	33	R.RPDGSVIR.F	12
PLOG-8763	proteomics_log	3445974	3446012	-	4	10	K.KGDVVKAVVVRTK.K	17
PLOG-8764	proteomics_log	3445974	3446018	-	4	3	K.VKKGDVVKAVVVRTK.K	19
PLOG-8765	proteomics_log	3445974	3446024	-	4	14	R.GKVKKGDVVKAVVVRTK.K	21
PLOG-8766	proteomics_log	3445980	3446009	-	4	23	K.GDVLKAVVVR.T	14
PLOG-8767	proteomics_log	3445980	3446012	-	4	184	K.KGDVVKAVVVR.T	15
PLOG-8768	proteomics_log	3445980	3446018	-	4	263	K.VKKGDVVKAVVVR.T	17
PLOG-8769	proteomics_log	3445980	3446024	-	4	203	R.GKVKKGDVVKAVVVR.T	19
PLOG-8770	proteomics_log	3445980	3446039	-	4	4	K.EAIPRGKVKKGDVVKAVVVR.T	24
PLOG-8771	proteomics_log	3445995	3446024	-	4	103	R.GKVKKGDVVK.A	14
PLOG-8772	proteomics_log	3446019	3446051	-	4	6	K.ITIKEAIPRGK.V	15
PLOG-8773	proteomics_log	3446019	3446078	-	4	75	R.YAGVGDIIKITIKEAIPRGK.V	24
PLOG-8774	proteomics_log	3446019	3446081	-	4	18	R.RYAGVGDIIKITIKEAIPRGK.V	25
PLOG-8775	proteomics_log	3446025	3446051	-	4	80	K.ITIKEAIPR.G	13
PLOG-8776	proteomics_log	3446025	3446066	-	4	5	V.GDIIKITIKEAIPR.G	18
PLOG-8777	proteomics_log	3446025	3446072	-	4	4	A.GVGDIIKITIKEAIPR.G	20
PLOG-8778	proteomics_log	3446025	3446078	-	4	455	R.YAGVGDIIKITIKEAIPR.G	22
PLOG-8779	proteomics_log	3446025	3446081	-	4	254	R.RYAGVGDIIKITIKEAIPR.G	23
PLOG-8780	proteomics_log	3446040	3446078	-	4	234	R.YAGVGDIIKITIK.E	17
PLOG-8781	proteomics_log	3446040	3446081	-	4	96	R.RYAGVGDIIKITIK.E	18

PLOG-8782	proteomics_log	3446052	3446078	-	4	218	R.YAGVGDIIK.I	13
PLOG-8783	proteomics_log	3446052	3446081	-	4	13	R.RYAGVGDIIK.I	14
PLOG-8784	proteomics_log	3446118	3446171	-	4	2	K.MIQEQTM*LNVDNSGARR.V	23
PLOG-8785	proteomics_log	3446118	3446171	-	4	92	K.MIQEQTMLNVADNSGARR.V	22
PLOG-8786	proteomics_log	3446121	3446162	-	4	3	Q.EQTM LNVDNSGAR.R	18
PLOG-8787	proteomics_log	3446121	3446165	-	4	5	I.QEQTMLNVADNSGAR.R	19
PLOG-8788	proteomics_log	3446121	3446168	-	4	2	M.IEQQTM*LNVDNSGAR.R	21
PLOG-8789	proteomics_log	3446121	3446168	-	4	7	M.IEQQTM LNVDNSGAR.R	20
PLOG-8790	proteomics_log	3446121	3446171	-	4	18	K.M*IQEQTM*LNVDNSGAR.R	23
PLOG-8791	proteomics_log	3446121	3446171	-	4	26	K.MIQEQTM*LNVDNSGAR.R	22
PLOG-8792	proteomics_log	3446121	3446171	-	4	76	K.M*IQEQTMLNVADNSGAR.R	22
PLOG-8793	proteomics_log	3446121	3446171	-	4	563	K.MIQEQTMLNVADNSGAR.R	21
PLOG-8794	proteomics_log	3446339	3446377	-	6	26	K.SWTLVRVVEKAVL.-	17
PLOG-8795	proteomics_log	3446339	3446383	-	6	6	K.TKSWTLVRVVEKAVL.-	19
PLOG-8796	proteomics_log	3446348	3446377	-	6	33	K.SWTLVRVVEK.A	14
PLOG-8797	proteomics_log	3446348	3446383	-	6	20	K.TKSWTLVRVVEK.A	16
PLOG-8798	proteomics_log	3446360	3446383	-	6	42	K.TKSWTLVR.V	12
PLOG-8799	proteomics_log	3446378	3446404	-	6	2	R.ECRPLSKTK.S	13
PLOG-8800	proteomics_log	3446384	3446461	-	6	8	K.LHVHDENNECGIGDVVEIRECRPLSK.T	30
PLOG-8801	proteomics_log	3446384	3446470	-	6	3	R.TTKLHVHDENNECGIGDVVEIRECRPLSK.T	33
PLOG-8802	proteomics_log	3446405	3446461	-	6	6	K.LHVHDENNECGIGDVVEIR.E	23
PLOG-8803	proteomics_log	3446405	3446470	-	6	2	R.TTKLHVHDENNECGIGDVVEIR.E	26
PLOG-8804	proteomics_log	3446435	3446470	-	6	3	R.TTKLHVHDENNE.C	16
PLOG-8805	proteomics_log	3446471	3446509	-	6	112	R.FVKHPIYGKFIKR.T	17
PLOG-8806	proteomics_log	3446471	3446533	-	6	12	K.SIVVAIERFVKHPIYGKFIKR.T	25
PLOG-8807	proteomics_log	3446474	3446509	-	6	65	R.FVKHPIYGKFIK.R	16
PLOG-8808	proteomics_log	3446474	3446533	-	6	3	K.SIVVAIERFVKHPIYGKFIK.R	24
PLOG-8809	proteomics_log	3446483	3446509	-	6	244	R.FVKHPIYGK.F	13
PLOG-8810	proteomics_log	3446483	3446533	-	6	24	K.SIVVAIERFVKHPIYGK.F	21
PLOG-8811	proteomics_log	3446510	3446533	-	6	331	K.SIVVAIER.F	12
PLOG-8812	proteomics_log	3446510	3446557	-	6	7	R.VVSDKM*EKSIVVAIER.F	21
PLOG-8813	proteomics_log	3446510	3446557	-	6	276	R.VVSDKMEKSIVVAIER.F	20
PLOG-8814	proteomics_log	3446510	3446572	-	6	2	R.TLQGRVVSDKM*EKSIVVAIER.F	26
PLOG-8815	proteomics_log	3446510	3446572	-	6	59	R.TLQGRVVSDKMEKSIVVAIER.F	25
PLOG-8816	proteomics_log	3446510	3446587	-	6	5	M.TDKIRTLQGRVVSDKMEKSIVVAIER.F	30
PLOG-8817	proteomics_log	3446534	3446557	-	6	6	R.VVSDKM*EK.S	13
PLOG-8818	proteomics_log	3446534	3446557	-	6	287	R.VVSDKMEK.S	12
PLOG-8819	proteomics_log	3446534	3446572	-	6	4	R.TLQGRVVSDKM*EK.S	18
PLOG-8820	proteomics_log	3446534	3446572	-	6	127	R.TLQGRVVSDKMEK.S	17
PLOG-8821	proteomics_log	3446543	3446572	-	6	2	R.TLQGRVVSDK.M	14
PLOG-8822	proteomics_log	3446558	3446587	-	6	5	M.TDKIRTLQGR.V	14
PLOG-8823	proteomics_log	3446593	3446619	-	5	163	K.TLLNEKAGA.-	13
PLOG-8824	proteomics_log	3446593	3446625	-	5	325	R.VKTLLEKAGA.-	15
PLOG-8825	proteomics_log	3446593	3446637	-	5	6	R.DVARVKTLLEKAGA.-	19
PLOG-8826	proteomics_log	3446602	3446625	-	5	158	R.VKTLLEK.A	12
PLOG-8827	proteomics_log	3446626	3446694	-	5	49	R.MQAASGQLQQSHLLKQVRRDVAR.V	27

PLOG-8828	proteomics_log	3446638	3446694	-	5	4	R.M*QAASGQLQQSHLLKQVRR.D	24
PLOG-8829	proteomics_log	3446638	3446694	-	5	20	R.MQAASGQLQQSHLLKQVRR.D	23
PLOG-8830	proteomics_log	3446641	3446682	-	5	2	A.SGQLQQSHLLKQVR.R	18
PLOG-8831	proteomics_log	3446641	3446688	-	5	2	Q.AASGQLQQSHLLKQVR.R	20
PLOG-8832	proteomics_log	3446641	3446694	-	5	29	R.M*QAASGQLQQSHLLKQVR.R	23
PLOG-8833	proteomics_log	3446641	3446694	-	5	190	R.MQAASGQLQQSHLLKQVR.R	22
PLOG-8834	proteomics_log	3446650	3446685	-	5	2	A.ASGQLQQSHLLK.Q	16
PLOG-8835	proteomics_log	3446650	3446688	-	5	6	Q.AASGQLQQSHLLK.Q	17
PLOG-8836	proteomics_log	3446650	3446694	-	5	269	R.MQAASGQLQQSHLLK.Q	19
PLOG-8837	proteomics_log	3446650	3446694	-	5	269	R.M*QAASGQLQQSHLLK.Q	20
PLOG-8838	proteomics_log	3446650	3446697	-	5	3	L.RMQAASGQLQQSHLLK.Q	20
PLOG-8839	proteomics_log	3446650	3446754	-	5	6	K.SVEELNTELLNLLREQFNLRMQAASGQLQQSHLLK.Q	39
PLOG-8840	proteomics_log	3446653	3446694	-	5	2	R.MQAASGQLQQSHLL.K	18
PLOG-8841	proteomics_log	3446659	3446694	-	5	2	R.MQAASGQLQQSH.L	16
PLOG-8842	proteomics_log	3446695	3446748	-	5	5	V.EELNTELLNLLREQFNLR.M	22
PLOG-8843	proteomics_log	3446695	3446754	-	5	441	K.SVEELNTELLNLLREQFNLR.M	24
PLOG-8844	proteomics_log	3446695	3446760	-	5	105	R.EKSVEELNTELLNLLREQFNLR.M	26
PLOG-8845	proteomics_log	3446695	3446769	-	5	162	K.ELREKSVEELNTELLNLLREQFNLR.M	29
PLOG-8846	proteomics_log	3446695	3446775	-	5	14	K.AKELREKSVEELNTELLNLLREQFNLR.M	31
PLOG-8847	proteomics_log	3446695	3446781	-	5	88	V.MKAKELREKSVEELNTELLNLLREQFNLR.M	33
PLOG-8848	proteomics_log	3446695	3446781	-	5	88	V.MKAKELREKSVEELNTELLNLLREQFNLR.M	33
PLOG-8849	proteomics_log	3446698	3446754	-	5	5	K.SVEELNTELLNLLREQFNLR.R	23
PLOG-8850	proteomics_log	3446713	3446754	-	5	481	K.SVEELNTELLNLLR.E	18
PLOG-8851	proteomics_log	3446713	3446760	-	5	248	R.EKSVEELNTELLNLLR.E	20
PLOG-8852	proteomics_log	3446713	3446769	-	5	175	K.ELREKSVEELNTELLNLLR.E	23
PLOG-8853	proteomics_log	3446713	3446775	-	5	8	K.AKELREKSVEELNTELLNLLR.E	25
PLOG-8854	proteomics_log	3446713	3446781	-	5	145	V.MKAKELREKSVEELNTELLNLLR.E	27
PLOG-8855	proteomics_log	3446713	3446781	-	5	145	V.MKAKELREKSVEELNTELLNLLR.E	27
PLOG-8856	proteomics_log	3446755	3446781	-	5	3	V.MKAKELREK.S	13
PLOG-8857	proteomics_log	3446755	3446781	-	5	3	V.MKAKELREK.S	13
PLOG-8858	proteomics_log	3446784	3446837	-	4	4	K.LAAAKLPIKTTFFVTKTVM*.-	23
PLOG-8859	proteomics_log	3446784	3446837	-	4	100	K.LAAAKLPIKTTFFVTKTVM.-	22
PLOG-8860	proteomics_log	3446784	3446849	-	4	14	R.EAFKLAAAKLPIKTTFFVTKTVM*.-	27
PLOG-8861	proteomics_log	3446784	3446849	-	4	42	R.EAFKLAAAKLPIKTTFFVTKTVM.-	26
PLOG-8862	proteomics_log	3446793	3446822	-	4	125	K.LPIKTTFFVTK.T	14
PLOG-8863	proteomics_log	3446793	3446837	-	4	375	K.LAAAKLPIKTTFFVTK.T	19
PLOG-8864	proteomics_log	3446793	3446849	-	4	502	R.EAFKLAAAKLPIKTTFFVTK.T	23
PLOG-8865	proteomics_log	3446793	3446891	-	4	5	K.VLYEM*DGVPPEELAREAFKLAAAKLPIKTTFFVTK.T	38
PLOG-8866	proteomics_log	3446793	3446891	-	4	20	K.VLYEMDGVPEELAREAFKLAAAKLPIKTTFFVTK.T	37
PLOG-8867	proteomics_log	3446811	3446837	-	4	25	K.LAAAKLPIK.T	13
PLOG-8868	proteomics_log	3446811	3446849	-	4	34	R.EAFKLAAAKLPIK.T	17
PLOG-8869	proteomics_log	3446811	3446891	-	4	19	K.VLYEMDGVPEELAREAFKLAAAKLPIK.T	31
PLOG-8870	proteomics_log	3446823	3446849	-	4	15	R.EAFKLAAAK.L	13
PLOG-8871	proteomics_log	3446823	3446933	-	4	2	K.GNVEYWVALIQPGKVLVYEMDGVPEELAREAFKLAAAK.L	41
PLOG-8872	proteomics_log	3446838	3446891	-	4	3	K.VLYEMDGVPEELAREAFK.L	22
PLOG-8873	proteomics_log	3446838	3446933	-	4	64	K.GNVEYWVALIQPGKVLVYEMDGVPEELAREAFK.L	36

PLOG-8874	proteomics_log	3446838	3446939	-	4	69	K.GKGNVEYWVALIQPGKVLVEMDGVPEELAREAFK.L	38
PLOG-8875	proteomics_log	3446850	3446891	-	4	24	K.VLYEM*DGVPPEELAR.E	19
PLOG-8876	proteomics_log	3446850	3446891	-	4	254	K.VLYEMDGVPEELAR.E	18
PLOG-8877	proteomics_log	3446850	3446933	-	4	8	K.GNVEYWVALIQPGKVLVEM*DGVPPEELAR.E	33
PLOG-8878	proteomics_log	3446850	3446933	-	4	200	K.GNVEYWVALIQPGKVLVEMDGVPEELAR.E	32
PLOG-8879	proteomics_log	3446850	3446939	-	4	17	K.GKGNVEYWVALIQPGKVLVEM*DGVPPEELAR.E	35
PLOG-8880	proteomics_log	3446850	3446939	-	4	325	K.GKGNVEYWVALIQPGKVLVEMDGVPEELAR.E	34
PLOG-8881	proteomics_log	3446850	3446948	-	4	3	R.M*GKKGKGNVEYWVALIQPGKVLVEMDGVPEELAR.E	38
PLOG-8882	proteomics_log	3446850	3446948	-	4	27	R.MGKKGKGNVEYWVALIQPGKVLVEMDGVPEELAR.E	37
PLOG-8883	proteomics_log	3446892	3446933	-	4	29	K.GNVEYWVALIQPGK.V	18
PLOG-8884	proteomics_log	3446892	3446939	-	4	155	K.GKGNVEYWVALIQPGK.V	20
PLOG-8885	proteomics_log	3446940	3447005	-	4	6	K.IWIRVFPDKPITEKPLAVR*GK.G	27
PLOG-8886	proteomics_log	3446949	3446993	-	4	23	R.VFPDKPITEKPLAVR.M	19
PLOG-8887	proteomics_log	3446949	3447005	-	4	6	K.IWIRVFPDKPITEKPLAVR.M	23
PLOG-8888	proteomics_log	3446949	3447014	-	4	11	R.QGKIWIRVFPDKPITEKPLAVR.M	26
PLOG-8889	proteomics_log	3446994	3447026	-	4	6	R.AVKRQGKIWIR.V	15
PLOG-8890	proteomics_log	3447060	3447137	-	4	3	R.GLAQGTDVSFSGFGLKAVGRGRLTAR.Q	30
PLOG-8891	proteomics_log	3447072	3447137	-	4	2	R.GLAQGTDVSFSGFGLKAVGRGR.L	26
PLOG-8892	proteomics_log	3447072	3447143	-	4	86	R.NRGLAQGTDVSFSGFGLKAVGRGR.L	28
PLOG-8893	proteomics_log	3447078	3447137	-	4	112	R.GLAQGTDVSFSGFGLKAVGR.G	24
PLOG-8894	proteomics_log	3447078	3447143	-	4	278	R.NRGLAQGTDVSFSGFGLKAVGR.G	26
PLOG-8895	proteomics_log	3447090	3447137	-	4	402	R.GLAQGTDVSFSGFGLK.A	20
PLOG-8896	proteomics_log	3447090	3447143	-	4	460	R.NRGLAQGTDVSFSGFGLK.A	22
PLOG-8897	proteomics_log	3447090	3447149	-	4	2	K.GRNRGLAQGTDVSFSGFGLK.A	24
PLOG-8898	proteomics_log	3447093	3447143	-	4	2	R.NRGLAQGTDVSFSGFGLK.K	21
PLOG-8899	proteomics_log	3447099	3447137	-	4	2	R.GLAQGTDVSFSGF.G	17
PLOG-8900	proteomics_log	3447219	3447308	-	4	8	K.VWIFKGEILGGMAAVEQPEKPAAQPKQQR.K	34
PLOG-8901	proteomics_log	3447231	3447293	-	4	15	K.GEILGGMAAVEQPEKPAAQPK.K	25
PLOG-8902	proteomics_log	3447231	3447308	-	4	14	K.VWIFKGEILGGM*AAVEQPEKPAAQPK.K	31
PLOG-8903	proteomics_log	3447231	3447308	-	4	262	K.VWIFKGEILGGMAAVEQPEKPAAQPK.K	30
PLOG-8904	proteomics_log	3447309	3447368	-	4	166	R.ADIDYNTSEAHTTYGVIGVK.V	24
PLOG-8905	proteomics_log	3447309	3447398	-	4	4	R.EGRVPLHTLRADIDYNTSEAHTTYGVIGVK.V	34
PLOG-8906	proteomics_log	3447309	3447413	-	4	3	R.TEWYREGRVPLHTLRADIDYNTSEAHTTYGVIGVK.V	39
PLOG-8907	proteomics_log	3447327	3447368	-	4	3	R.ADIDYNTSEAHTTY.G	18
PLOG-8908	proteomics_log	3447369	3447398	-	4	93	R.EGRVPLHTLR.A	14
PLOG-8909	proteomics_log	3447369	3447413	-	4	15	R.TEWYREGRVPLHTLR.A	19
PLOG-8910	proteomics_log	3447369	3447437	-	4	4	R.LGGAEIARTEWYREGRVPLHTLR.A	27
PLOG-8911	proteomics_log	3447414	3447437	-	4	70	R.LGGAEIAR.T	12
PLOG-8912	proteomics_log	3447414	3447464	-	4	6	K.GIKVEVSGRLGGAEIAR.T	21
PLOG-8913	proteomics_log	3447414	3447476	-	4	2	R.LGAKGIKVEVSGRLGGAEIAR.T	25
PLOG-8914	proteomics_log	3447438	3447464	-	4	287	K.GIKVEVSGR.L	13
PLOG-8915	proteomics_log	3447438	3447476	-	4	347	R.LGAKGIKVEVSGR.L	17
PLOG-8916	proteomics_log	3447438	3447497	-	4	19	R.AVQNAMRLGAKGIKVEVSGR.L	24
PLOG-8917	proteomics_log	3447465	3447497	-	4	14	R.AVQNAM*RLGAK.G	16
PLOG-8918	proteomics_log	3447465	3447497	-	4	35	R.AVQNAMRLGAK.G	15
PLOG-8919	proteomics_log	3447477	3447500	-	4	75	K.RAVQNAMR.L	12



PLOG-8920	proteomics_log	3447477	3447509	-	4	43	R.AMKRAVQNAMR.L	15
PLOG-8921	proteomics_log	3447525	3447584	-	4	9	R.KPELDAKLVDTSITSLERR.V	24
PLOG-8922	proteomics_log	3447525	3447638	-	4	4	K.VVADIAGVPAQINIAEVRKPELDAKLVDTSITSLERR.V	42
PLOG-8923	proteomics_log	3447525	3447641	-	4	9	R.KVVADIAGVPAQINIAEVRKPELDAKLVDTSITSLERR.V	43
PLOG-8924	proteomics_log	3447528	3447563	-	4	434	K.LVADSITSLER.R	16
PLOG-8925	proteomics_log	3447528	3447584	-	4	177	R.KPELDAKLVDTSITSLER.R	23
PLOG-8926	proteomics_log	3447528	3447614	-	4	4	V.PAQINIAEVRKPELDAKLVDTSITSLER.R	33
PLOG-8927	proteomics_log	3447528	3447638	-	4	126	K.VVADIAGVPAQINIAEVRKPELDAKLVDTSITSLER.R	41
PLOG-8928	proteomics_log	3447528	3447641	-	4	52	R.KVVADIAGVPAQINIAEVRKPELDAKLVDTSITSLER.R	42
PLOG-8929	proteomics_log	3447528	3447647	-	4	5	K.LRKVVADIAGVPAQINIAEVRKPELDAKLVDTSITSLER.R	44
PLOG-8930	proteomics_log	3447564	3447584	-	4	42	R.KPELDAK.L	11
PLOG-8931	proteomics_log	3447564	3447614	-	4	2	V.PAQINIAEVRKPELDAK.L	21
PLOG-8932	proteomics_log	3447564	3447638	-	4	59	K.VVADIAGVPAQINIAEVRKPELDAK.L	29
PLOG-8933	proteomics_log	3447564	3447641	-	4	250	R.KVVADIAGVPAQINIAEVRKPELDAK.L	30
PLOG-8934	proteomics_log	3447564	3447647	-	4	26	K.LRKVVADIAGVPAQINIAEVRKPELDAK.L	32
PLOG-8935	proteomics_log	3447564	3447668	-	4	4	K.KGEDVEKLRKVVADIAGVPAQINIAEVRKPELDAK.L	39
PLOG-8936	proteomics_log	3447585	3447638	-	4	199	K.VVADIAGVPAQINIAEVR.K	22
PLOG-8937	proteomics_log	3447585	3447641	-	4	170	R.KVVADIAGVPAQINIAEVR.K	23
PLOG-8938	proteomics_log	3447585	3447647	-	4	9	K.LRKVVADIAGVPAQINIAEVR.K	25
PLOG-8939	proteomics_log	3447639	3447668	-	4	135	K.KGEDVEKLRK.V	14
PLOG-8940	proteomics_log	3447639	3447710	-	4	19	R.VTIHTARPGIVIGKKGEDVEKLRK.V	28
PLOG-8941	proteomics_log	3447642	3447665	-	4	3	K.GEDVEKLR.K	12
PLOG-8942	proteomics_log	3447642	3447668	-	4	50	K.KGEDVEKLR.K	13
PLOG-8943	proteomics_log	3447642	3447710	-	4	192	R.VTIHTARPGIVIGKKGEDVEKLR.K	27
PLOG-8944	proteomics_log	3447648	3447710	-	4	192	R.VTIHTARPGIVIGKKGEDVEK.L	25
PLOG-8945	proteomics_log	3447666	3447710	-	4	6	R.VTIHTARPGIVIGKK.G	19
PLOG-8946	proteomics_log	3447669	3447710	-	4	261	R.VTIHTARPGIVIGK.K	18
PLOG-8947	proteomics_log	3447669	3447719	-	4	16	K.SIRVTIHTARPGIVIGK.K	21
PLOG-8948	proteomics_log	3447711	3447743	-	4	6	R.IVIERPAKSIR.V	15
PLOG-8949	proteomics_log	3447720	3447743	-	4	21	R.IVIERPAK.S	12
PLOG-8950	proteomics_log	3447744	3447770	-	4	6	K.ELAKASVSR.I	13
PLOG-8951	proteomics_log	3447744	3447785	-	4	58	R.QYLTKELAKASVSR.I	18
PLOG-8952	proteomics_log	3447744	3447791	-	4	2	K.VRQYLTKELAKASVSR.I	20
PLOG-8953	proteomics_log	3447759	3447785	-	4	8	R.QYLTKELAK.A	13
PLOG-8954	proteomics_log	3447759	3447791	-	4	54	K.VRQYLTKELAK.A	15
PLOG-8955	proteomics_log	3447759	3447824	-	4	2	K.EFADNLDSDFKVRQYLTKELAK.A	26
PLOG-8956	proteomics_log	3447759	3447872	-	4	5	R.LGIVKPWNSTWFANTKEFADNLDSDFKVRQYLTKELAK.A	42
PLOG-8957	proteomics_log	3447771	3447872	-	4	14	R.LGIVKPWNSTWFANTKEFADNLDSDFKVRQYLTK.E	38
PLOG-8958	proteomics_log	3447786	3447824	-	4	66	K.EFADNLDSDFKVR.Q	17
PLOG-8959	proteomics_log	3447786	3447839	-	4	4	W.FANTKEFADNLDSDFKVR.Q	22
PLOG-8960	proteomics_log	3447786	3447848	-	4	3	N.STWFANTKEFADNLDSDFKVR.Q	25
PLOG-8961	proteomics_log	3447786	3447854	-	4	5	P.WNSTWFANTKEFADNLDSDFKVR.Q	27
PLOG-8962	proteomics_log	3447786	3447872	-	4	324	R.LGIVKPWNSTWFANTKEFADNLDSDFKVR.Q	33
PLOG-8963	proteomics_log	3447792	3447824	-	4	38	K.EFADNLDSDFK.V	15
PLOG-8964	proteomics_log	3447792	3447872	-	4	222	R.LGIVKPWNSTWFANTKEFADNLDSDFK.V	31
PLOG-8965	proteomics_log	3447807	3447872	-	4	64	R.LGIVKPWNSTWFANTKEFADNL.D	26

PLOG-8966	proteomics_log	3447825	3447872	-	4	235	R.LGIVKPWNSTWFANTK.E	20
PLOG-8967	proteomics_log	3447834	3447872	-	4	5	R.LGIVKPWNSTWFA.N	17
PLOG-8968	proteomics_log	3447873	3447902	-	4	147	M.GQKVHPNGIR.L	14
PLOG-8969	proteomics_log	3447926	3447958	-	6	552	R.TSHITVVVSDR.-	15
PLOG-8970	proteomics_log	3447926	3447961	-	6	69	K.RTSHITVVVSDR.-	16
PLOG-8971	proteomics_log	3447926	3447970	-	6	2	R.ILKRTSHITVVVSDR.-	19
PLOG-8972	proteomics_log	3448004	3448033	-	6	4	I.FVDEGPSMKR.I	14
PLOG-8973	proteomics_log	3448004	3448036	-	6	70	K.IFVDEGPSM*KR.I	16
PLOG-8974	proteomics_log	3448004	3448036	-	6	226	K.IFVDEGPSMKR.I	15
PLOG-8975	proteomics_log	3448004	3448108	-	6	31	K.VLESAIANAEHNDGADIDDLKVTKIFVDEGPSMKR.I	39
PLOG-8976	proteomics_log	3448004	3448111	-	6	4	K.KVLESAIANAEHNDGADIDDLKVTKIFVDEGPSM*KR.I	41
PLOG-8977	proteomics_log	3448004	3448129	-	6	3	K.AAVLVKKVLESAIANAEHNDGADIDDLKVTKIFVDEGPSM*KR.I	47
PLOG-8978	proteomics_log	3448007	3448036	-	6	49	K.IFVDEGPSM*K.R	15
PLOG-8979	proteomics_log	3448007	3448036	-	6	170	K.IFVDEGPSMK.R	14
PLOG-8980	proteomics_log	3448007	3448108	-	6	4	K.VLESAIANAEHNDGADIDDLKVTKIFVDEGPSMK.R	38
PLOG-8981	proteomics_log	3448007	3448111	-	6	4	K.KVLESAIANAEHNDGADIDDLKVTKIFVDEGPSMK.R	39
PLOG-8982	proteomics_log	3448013	3448036	-	6	66	K.IFVDEGPS.M	12
PLOG-8983	proteomics_log	3448037	3448093	-	6	21	A.IANAEHNDGADIDDLKVTK.I	23
PLOG-8984	proteomics_log	3448037	3448096	-	6	2	S.AIANAEHNDGADIDDLKVTK.I	24
PLOG-8985	proteomics_log	3448037	3448099	-	6	2	E.SAIANAEHNDGADIDDLKVTK.I	25
PLOG-8986	proteomics_log	3448037	3448105	-	6	15	V.LESAIANAEHNDGADIDDLKVTK.I	27
PLOG-8987	proteomics_log	3448037	3448108	-	6	219	K.VLESAIANAEHNDGADIDDLKVTK.I	28
PLOG-8988	proteomics_log	3448037	3448111	-	6	454	K.KVLESAIANAEHNDGADIDDLKVTK.I	29
PLOG-8989	proteomics_log	3448037	3448129	-	6	177	K.AAVLVKKVLESAIANAEHNDGADIDDLKVTK.I	35
PLOG-8990	proteomics_log	3448037	3448132	-	6	8	K.KAAVLVKKVLESAIANAEHNDGADIDDLKVTK.I	36
PLOG-8991	proteomics_log	3448037	3448138	-	6	2	T.NKKAAVLVKKVLESAIANAEHNDGADIDDLKVTK.I	38
PLOG-8992	proteomics_log	3448046	3448108	-	6	48	K.VLESAIANAEHNDGADIDDLK.V	25
PLOG-8993	proteomics_log	3448046	3448111	-	6	26	K.KVLESAIANAEHNDGADIDDLK.V	26
PLOG-8994	proteomics_log	3448109	3448132	-	6	19	K.KAAVLVKK.V	12
PLOG-8995	proteomics_log	3448109	3448171	-	6	101	K.VSQALDILTYTNKKAAVLVKK.V	25
PLOG-8996	proteomics_log	3448109	3448174	-	6	39	K.KVSQALDILTYTNKKAAVLVKK.V	26
PLOG-8997	proteomics_log	3448109	3448180	-	6	2	R.GKKVSQALDILTYTNKKAAVLVKK.V	28
PLOG-8998	proteomics_log	3448112	3448171	-	6	63	K.VSQALDILTYTNKKAAVLVK.K	24
PLOG-8999	proteomics_log	3448112	3448174	-	6	61	K.KVSQALDILTYTNKKAAVLVK.K	25
PLOG-9000	proteomics_log	3448112	3448180	-	6	24	R.GKKVSQALDILTYTNKKAAVLVK.K	27
PLOG-9001	proteomics_log	3448112	3448201	-	6	4	R.LVADLIRGKKVSQALDILTYTNKKAAVLVK.K	34
PLOG-9002	proteomics_log	3448130	3448171	-	6	316	K.VSQALDILTYTNKK.A	18
PLOG-9003	proteomics_log	3448130	3448174	-	6	338	K.KVSQALDILTYTNKK.A	19
PLOG-9004	proteomics_log	3448130	3448180	-	6	289	R.GKKVSQALDILTYTNKK.A	21
PLOG-9005	proteomics_log	3448130	3448201	-	6	83	R.LVADLIRGKKVSQALDILTYTNKK.A	28
PLOG-9006	proteomics_log	3448133	3448171	-	6	191	K.VSQALDILTYTNK.K	17
PLOG-9007	proteomics_log	3448133	3448174	-	6	148	K.KVSQALDILTYTNK.K	18
PLOG-9008	proteomics_log	3448133	3448180	-	6	182	R.GKKVSQALDILTYTNK.K	20
PLOG-9009	proteomics_log	3448133	3448201	-	6	40	R.LVADLIRGKKVSQALDILTYTNK.K	27
PLOG-9010	proteomics_log	3448142	3448171	-	6	2	K.VSQALDILTY.T	14
PLOG-9011	proteomics_log	3448142	3448174	-	6	2	K.KVSQALDILTY.T	15

PLOG-9012	proteomics_log	3448172	3448201	-	6	6	R.LVADLIRGKK.V	14
PLOG-9013	proteomics_log	3448175	3448201	-	6	81	R.LVADLIRGK.K	13
PLOG-9014	proteomics_log	3448175	3448222	-	6	14	R.SSAQKVRLVADLIRGK.K	20
PLOG-9015	proteomics_log	3448181	3448222	-	6	11	R.SSAQKVRLVADLIR.G	18
PLOG-9016	proteomics_log	3448181	3448225	-	6	2	A.RSSAQKVRLVADLIR.G	19
PLOG-9017	proteomics_log	3448223	3448255	-	6	15	E.METIAKHRHAR.S	15
PLOG-9018	proteomics_log	3448232	3448255	-	6	35	E.M*ETIAKHR.H	13
PLOG-9019	proteomics_log	3448232	3448255	-	6	160	E.METIAKHR.H	12
PLOG-9020	proteomics_log	3448279	3448314	-	5	3	R.TYRGHAADKKAK.K	16
PLOG-9021	proteomics_log	3448288	3448314	-	5	3	R.TYRGHAADK.K	13
PLOG-9022	proteomics_log	3448315	3448338	-	5	32	K.LGEFAPTR.T	12
PLOG-9023	proteomics_log	3448315	3448383	-	5	5	R.QHVPVFVTDEM*VGHKLGEFAPTR.T	28
PLOG-9024	proteomics_log	3448315	3448383	-	5	134	R.QHVPVFVTDEMVGHKLGEFAPTR.T	27
PLOG-9025	proteomics_log	3448339	3448383	-	5	4	R.QHVPVFVTDEM*VGHK.L	20
PLOG-9026	proteomics_log	3448339	3448383	-	5	87	R.QHVPVFVTDEMVGHK.L	19
PLOG-9027	proteomics_log	3448339	3448437	-	5	3	R.STIFPNMIGLTIAVHNGRQHVPVFVTDEMVGHK.L	37
PLOG-9028	proteomics_log	3448384	3448413	-	5	2	I.GLTIAVHNGR.Q	14
PLOG-9029	proteomics_log	3448384	3448425	-	5	23	F.PNMIGLTIAVHNGR.Q	18
PLOG-9030	proteomics_log	3448384	3448428	-	5	9	I.FPNMIGLTIAVHNGR.Q	19
PLOG-9031	proteomics_log	3448384	3448437	-	5	4	R.STIFPNM*IGLTIAVHNGR.Q	23
PLOG-9032	proteomics_log	3448384	3448437	-	5	220	R.STIFPNMIGLTIAVHNGR.Q	22
PLOG-9033	proteomics_log	3448384	3448440	-	5	29	R.RSTIFPNM*IGLTIAVHNGR.Q	24
PLOG-9034	proteomics_log	3448384	3448440	-	5	357	R.RSTIFPNMIGLTIAVHNGR.Q	23
PLOG-9035	proteomics_log	3448393	3448437	-	5	7	R.STIFPNMIGLTIAVH.N	19
PLOG-9036	proteomics_log	3448399	3448437	-	5	4	R.STIFPNMIGLTI.V	17
PLOG-9037	proteomics_log	3448438	3448494	-	5	4	K.VEKAVESGDKKPLRTWSRR.S	23
PLOG-9038	proteomics_log	3448438	3448497	-	5	5	K.KVEKAVESGDKKPLRTWSRR.S	24
PLOG-9039	proteomics_log	3448441	3448485	-	5	4	K.AVESGDKKPLRTWSR.R	19
PLOG-9040	proteomics_log	3448441	3448494	-	5	2	K.VEKAVESGDKKPLRTWSR.R	22
PLOG-9041	proteomics_log	3448441	3448497	-	5	70	K.KVEKAVESGDKKPLRTWSR.R	23
PLOG-9042	proteomics_log	3448453	3448482	-	5	5	A.VESGDKKPLR.T	14
PLOG-9043	proteomics_log	3448453	3448485	-	5	191	K.AVESGDKKPLR.T	15
PLOG-9044	proteomics_log	3448453	3448494	-	5	49	K.VEKAVESGDKKPLR.T	18
PLOG-9045	proteomics_log	3448453	3448497	-	5	168	K.KVEKAVESGDKKPLR.T	19
PLOG-9046	proteomics_log	3448486	3448527	-	5	2	K.GPFDLHLLKKVEK.A	18
PLOG-9047	proteomics_log	3448486	3448530	-	5	42	K.KGPFDLHLLKKVEK.A	19
PLOG-9048	proteomics_log	3448486	3448539	-	5	34	R.SLKKGPFDLHLLKKVEK.A	22
PLOG-9049	proteomics_log	3448486	3448545	-	5	17	M.PRSLKKGPFIDLHLLKKVEK.A	24
PLOG-9050	proteomics_log	3448495	3448530	-	5	96	K.KGPFDLHLLKK.V	16
PLOG-9051	proteomics_log	3448495	3448539	-	5	215	R.SLKKGPFDLHLLKK.V	19
PLOG-9052	proteomics_log	3448495	3448545	-	5	28	M.PRSLKKGPFIDLHLLKK.V	21
PLOG-9053	proteomics_log	3448498	3448527	-	5	112	K.GPFDLHLLK.K	14
PLOG-9054	proteomics_log	3448498	3448530	-	5	408	K.KGPFDLHLLK.K	15
PLOG-9055	proteomics_log	3448498	3448539	-	5	395	R.SLKKGPFDLHLLK.K	18
PLOG-9056	proteomics_log	3448498	3448545	-	5	164	M.PRSLKKGPFIDLHLLK.K	20
PLOG-9057	proteomics_log	3448580	3448600	-	6	8	R.TDKFIVR.R	11

PLOG-9058	proteomics_log	3448580	3448603	-	6	34	K.RTDKFIVR.R	12
PLOG-9059	proteomics_log	3448580	3448612	-	6	296	R.SNKRTDKFIVR.R	15
PLOG-9060	proteomics_log	3448580	3448618	-	6	2	K.TRSNKRTDKFIVR.R	17
PLOG-9061	proteomics_log	3448613	3448672	-	6	7	R.NFGKHPVTPWGVQTKGKKTR.S	24
PLOG-9062	proteomics_log	3448619	3448672	-	6	28	R.NFGKHPVTPWGVQTKGKK.T	22
PLOG-9063	proteomics_log	3448622	3448672	-	6	57	R.NFGKHPVTPWGVQTKGK.K	21
PLOG-9064	proteomics_log	3448628	3448672	-	6	242	R.NFGKHPVTPWGVQTK.G	19
PLOG-9065	proteomics_log	3448628	3448723	-	6	11	R.GTAMNPVDHPHGGGEGRNFGKHPVTPWGVQTK.G	36
PLOG-9066	proteomics_log	3448673	3448708	-	6	12	N.PVDHPHGGGEGR.N	16
PLOG-9067	proteomics_log	3448673	3448711	-	6	4	M.NPVDHPHGGGEGR.N	17
PLOG-9068	proteomics_log	3448673	3448714	-	6	2	A.MNPVDHPHGGGEGR.N	18
PLOG-9069	proteomics_log	3448673	3448717	-	6	3	T.AMNPVDHPHGGGEGR.N	19
PLOG-9070	proteomics_log	3448673	3448723	-	6	197	R.GTAM*NPVDHPHGGGEGR.N	22
PLOG-9071	proteomics_log	3448673	3448723	-	6	287	R.GTAMNPVDHPHGGGEGR.N	21
PLOG-9072	proteomics_log	3448673	3448744	-	6	23	R.GVRPTVRGTAMNPVDHPHGGGEGR.N	28
PLOG-9073	proteomics_log	3448673	3448750	-	6	2	R.WRGVRPTVRGTAMNPVDHPHGGGEGR.N	30
PLOG-9074	proteomics_log	3448751	3448777	-	6	84	R.VLGKAGAAR.W	13
PLOG-9075	proteomics_log	3448751	3448780	-	6	7	L.RVLGKAGAAR.W	14
PLOG-9076	proteomics_log	3448751	3448819	-	6	65	R.ATLGEVGNAEHMLRVLGKAGAAR.W	27
PLOG-9077	proteomics_log	3448766	3448810	-	6	2	L.GEVGNAEHMLRVLGK.A	19
PLOG-9078	proteomics_log	3448766	3448819	-	6	113	R.ATLGEVGNAEHMLRVLGK.A	22
PLOG-9079	proteomics_log	3448766	3448840	-	6	4	R.KVEADCRATLGEVGNAEHMLRVLGK.A	29
PLOG-9080	proteomics_log	3448778	3448810	-	6	3	L.GEVGNAEHMLR.V	15
PLOG-9081	proteomics_log	3448778	3448813	-	6	2	T.LGEVGNAEHM*LR.V	17
PLOG-9082	proteomics_log	3448778	3448813	-	6	10	T.LGEVGNAEHMLR.V	16
PLOG-9083	proteomics_log	3448778	3448819	-	6	220	R.ATLGEVGNAEHM*LR.V	19
PLOG-9084	proteomics_log	3448778	3448819	-	6	348	R.ATLGEVGNAEHMLR.V	18
PLOG-9085	proteomics_log	3448778	3448822	-	6	2	C.RATLGEVGNAEHM*LR.V	20
PLOG-9086	proteomics_log	3448778	3448840	-	6	6	R.KVEADCRATLGEVGNAEHMLR.V	25
PLOG-9087	proteomics_log	3448781	3448819	-	6	6	R.ATLGEVGNAEHML.R	17
PLOG-9088	proteomics_log	3448790	3448819	-	6	3	R.ATLGEVGNAE.H	14
PLOG-9089	proteomics_log	3448856	3448885	-	6	2	R.DGAYVTLRLR.S	14
PLOG-9090	proteomics_log	3448856	3448918	-	6	6	R.SAGTYVQIVARDGAYVTLRLR.S	25
PLOG-9091	proteomics_log	3448862	3448885	-	6	293	R.DGAYVTLR.L	12
PLOG-9092	proteomics_log	3448886	3448918	-	6	506	R.SAGTYVQIVAR.D	15
PLOG-9093	proteomics_log	3448919	3448981	-	6	33	I.PVGSTVHNEMKPGKGGQLAR.S	25
PLOG-9094	proteomics_log	3448919	3448987	-	6	13	R.NIPVGSTVHNEM*KPGKGGQLAR.S	28
PLOG-9095	proteomics_log	3448919	3448987	-	6	231	R.NIPVGSTVHNEMKPGKGGQLAR.S	27
PLOG-9096	proteomics_log	3448919	3449020	-	6	65	A.AIKPGNTLPM*RNIPVGSTVHNEMKPGKGGQLAR.S	39
PLOG-9097	proteomics_log	3448919	3449053	-	6	6	K.AGDQIQSGVDAAIKPGNTLPM*RNIPVGSTVHNEM*KPGKGGQLAR.S	51
PLOG-9098	proteomics_log	3448919	3449062	-	6	4	K.GLKAGDQIQSGVDAAIKPGNTLPM*RNIPVGSTVHNEMKPGKGGQLAR.S	53
PLOG-9099	proteomics_log	3448919	3449062	-	6	4	K.GLKAGDQIQSGVDAAIKPGNTLPMRNIPVGSTVHNEM*KPGKGGQLAR.S	53
PLOG-9100	proteomics_log	3448919	3449062	-	6	4	K.GLKAGDQIQSGVDAAIKPGNTLPMRNIPVGSTVHNEMKPGKGGQLAR.S	52
PLOG-9101	proteomics_log	3448937	3448981	-	6	12	I.PVGSTVHNEMKPGK.G	19
PLOG-9102	proteomics_log	3448937	3448987	-	6	4	R.NIPVGSTVHNEM*KPGK.G	22
PLOG-9103	proteomics_log	3448937	3448987	-	6	53	R.NIPVGSTVHNEMKPGK.G	21

PLOG-9104	proteomics_log	3448988	3449053	-	6	39	K.AGDQIQSGVDAAIKPGNTLPM*R.N	27
PLOG-9105	proteomics_log	3448988	3449053	-	6	344	K.AGDQIQSGVDAAIKPGNTLPMR.N	26
PLOG-9106	proteomics_log	3448988	3449062	-	6	43	K.GLKAGDQIQSGVDAAIKPGNTLPM*R.N	30
PLOG-9107	proteomics_log	3448988	3449062	-	6	367	K.GLKAGDQIQSGVDAAIKPGNTLPMR.N	29
PLOG-9108	proteomics_log	3448988	3449080	-	6	5	R.YILAPKGLKAGDQIQSGVDAAIKPGNTLPM*R.N	36
PLOG-9109	proteomics_log	3448988	3449080	-	6	121	R.YILAPKGLKAGDQIQSGVDAAIKPGNTLPMR.N	35
PLOG-9110	proteomics_log	3448988	3449083	-	6	6	R.RYILAPKGLKAGDQIQSGVDAAIKPGNTLPM*R.N	37
PLOG-9111	proteomics_log	3449063	3449080	-	6	11	R.YILAPK.G	10
PLOG-9112	proteomics_log	3449063	3449125	-	6	45	R.SANIALVLYKDGERRYILAPK.G	25
PLOG-9113	proteomics_log	3449081	3449125	-	6	89	R.SANIALVLYKDGERR.Y	19
PLOG-9114	proteomics_log	3449081	3449146	-	6	61	R.LEYDPNRSANIALVLYKDGERR.Y	26
PLOG-9115	proteomics_log	3449081	3449179	-	6	7	R.NKDGIPAVVERLEYDPNRSANIALVLYKDGERR.Y	37
PLOG-9116	proteomics_log	3449084	3449125	-	6	165	R.SANIALVLYKDGERR.R	18
PLOG-9117	proteomics_log	3449084	3449143	-	6	4	L.EYDPNRSANIALVLYKDGERR.R	24
PLOG-9118	proteomics_log	3449084	3449146	-	6	230	R.LEYDPNRSANIALVLYKDGERR.R	25
PLOG-9119	proteomics_log	3449096	3449125	-	6	84	R.SANIALVLYK.D	14
PLOG-9120	proteomics_log	3449096	3449146	-	6	23	R.LEYDPNRSANIALVLYK.D	21
PLOG-9121	proteomics_log	3449096	3449179	-	6	5	R.NKDGIPAVVERLEYDPNRSANIALVLYK.D	32
PLOG-9122	proteomics_log	3449126	3449179	-	6	7	R.NKDGIPAVVERLEYDPNR.S	22
PLOG-9123	proteomics_log	3449147	3449179	-	6	182	R.NKDGIPAVVER.L	15
PLOG-9124	proteomics_log	3449147	3449182	-	6	4	K.RNKDGIPAVVER.L	16
PLOG-9125	proteomics_log	3449147	3449197	-	6	18	R.IVDFKRNKDGIPAVVER.L	21
PLOG-9126	proteomics_log	3449180	3449230	-	6	4	R.HIGGGHKQAYRIVDFKR.N	21
PLOG-9127	proteomics_log	3449198	3449230	-	6	217	R.HIGGGHKQAYR.I	15
PLOG-9128	proteomics_log	3449270	3449302	-	6	17	K.PFAPLLEKNSK.S	15
PLOG-9129	proteomics_log	3449270	3449308	-	6	118	K.GKPFAPLLEKNSK.S	17
PLOG-9130	proteomics_log	3449270	3449332	-	6	140	K.VVNPELHKGKPFAPLLEKNSK.S	25
PLOG-9131	proteomics_log	3449270	3449344	-	6	52	R.HVVKVVNPELHKGKPFAPLLEKNSK.S	29
PLOG-9132	proteomics_log	3449279	3449308	-	6	43	K.GKPFAPLLEK.N	14
PLOG-9133	proteomics_log	3449279	3449332	-	6	15	K.VVNPELHKGKPFAPLLEK.N	22
PLOG-9134	proteomics_log	3449279	3449344	-	6	112	R.HVVKVVNPELHKGKPFAPLLEK.N	26
PLOG-9135	proteomics_log	3449309	3449326	-	6	3	V.NPELHK.G	10
PLOG-9136	proteomics_log	3449309	3449332	-	6	77	K.VVNPELHK.G	12
PLOG-9137	proteomics_log	3449309	3449344	-	6	227	R.HVVKVVNPELHK.G	16
PLOG-9138	proteomics_log	3449309	3449347	-	6	10	R.RHVVKVVNPELHK.G	17
PLOG-9139	proteomics_log	3449318	3449344	-	6	2	R.HVVKVVNPE.L	13
PLOG-9140	proteomics_log	3449348	3449383	-	6	9	M.AVVCKPTSPGR.R	16
PLOG-9141	proteomics_log	3449348	3449389	-	6	15	N.TMAVVKCKPTSPGR.R	18
PLOG-9142	proteomics_log	3449407	3449442	-	5	115	K.EGQNLDVFGGAE.-	16
PLOG-9143	proteomics_log	3449407	3449460	-	5	432	K.AYVTLKEGQNLDVFGGAE.-	22
PLOG-9144	proteomics_log	3449407	3449463	-	5	6	K.KAYVTLKEGQNLDVFGGAE.-	23
PLOG-9145	proteomics_log	3449407	3449475	-	5	80	R.SDWKKAYVTLKEGQNLDVFGGAE.-	27
PLOG-9146	proteomics_log	3449407	3449478	-	5	86	R.RSDWKKAYVTLKEGQNLDVFGGAE.-	28
PLOG-9147	proteomics_log	3449407	3449487	-	5	7	R.IGRRSDWKKAYVTLKEGQNLDVFGGAE.-	31
PLOG-9148	proteomics_log	3449443	3449475	-	5	2	R.SDWKKAYVTLK.E	15
PLOG-9149	proteomics_log	3449488	3449574	-	5	2	K.AAVQKLFEEVEVVNTLVVKGKVKRHRGQR.I	33

PLOG-9150	proteomics_log	3449500	3449559	-	5	7	K.LFEVEVEVVNTLVVKGKVKR.H	24
PLOG-9151	proteomics_log	3449500	3449574	-	5	98	K.AAVQKLFEVEVEVVNTLVVKGKVKR.H	29
PLOG-9152	proteomics_log	3449500	3449586	-	5	13	K.AEIKAAVQKLFEVEVEVVNTLVVKGKVKR.H	33
PLOG-9153	proteomics_log	3449500	3449598	-	5	3	K.DATKAEIKAAVQKLFEVEVEVVNTLVVKGKVKR.H	37
PLOG-9154	proteomics_log	3449503	3449574	-	5	35	K.AAVQKLFEVEVEVVNTLVVKGKVK.R	28
PLOG-9155	proteomics_log	3449509	3449559	-	5	12	K.LFEVEVEVVNTLVVKGK.V	21
PLOG-9156	proteomics_log	3449509	3449565	-	5	36	V.QKLFEVEVEVVNTLVVKGK.V	23
PLOG-9157	proteomics_log	3449509	3449574	-	5	583	K.AAVQKLFEVEVEVVNTLVVKGK.V	26
PLOG-9158	proteomics_log	3449509	3449586	-	5	155	K.AEIKAAVQKLFEVEVEVVNTLVVKGK.V	30
PLOG-9159	proteomics_log	3449509	3449598	-	5	168	K.DATKAEIKAAVQKLFEVEVEVVNTLVVKGK.V	34
PLOG-9160	proteomics_log	3449509	3449607	-	5	64	K.VAKDATKAEIKAAVQKLFEVEVEVVNTLVVKGK.V	37
PLOG-9161	proteomics_log	3449515	3449559	-	5	1600	K.LFEVEVEVVNTLVVK.G	19
PLOG-9162	proteomics_log	3449515	3449574	-	5	220	K.AAVQKLFEVEVEVVNTLVVK.G	24
PLOG-9163	proteomics_log	3449515	3449586	-	5	150	K.AEIKAAVQKLFEVEVEVVNTLVVK.G	28
PLOG-9164	proteomics_log	3449515	3449598	-	5	183	K.DATKAEIKAAVQKLFEVEVEVVNTLVVK.G	32
PLOG-9165	proteomics_log	3449515	3449607	-	5	184	K.VAKDATKAEIKAAVQKLFEVEVEVVNTLVVK.G	35
PLOG-9166	proteomics_log	3449515	3449628	-	5	17	K.SNTIVLKVAKDATKAEIKAAVQKLFEVEVEVVNTLVVK.G	42
PLOG-9167	proteomics_log	3449560	3449586	-	5	6	K.AEIKAAVQK.L	13
PLOG-9168	proteomics_log	3449560	3449598	-	5	14	K.DATKAEIKAAVQK.L	17
PLOG-9169	proteomics_log	3449560	3449607	-	5	197	K.VAKDATKAEIKAAVQK.L	20
PLOG-9170	proteomics_log	3449560	3449628	-	5	62	K.SNTIVLKVAKDATKAEIKAAVQK.L	27
PLOG-9171	proteomics_log	3449575	3449598	-	5	8	K.DATKAEIK.A	12
PLOG-9172	proteomics_log	3449575	3449604	-	5	3	V.AKDATKAEIK.A	14
PLOG-9173	proteomics_log	3449575	3449607	-	5	60	K.VAKDATKAEIK.A	15
PLOG-9174	proteomics_log	3449575	3449628	-	5	38	K.SNTIVLKVAKDATKAEIK.A	22
PLOG-9175	proteomics_log	3449575	3449649	-	5	4	K.ASTAM*EKSNTIVLKVAKDATKAEIK.A	30
PLOG-9176	proteomics_log	3449575	3449649	-	5	58	K.ASTAMEKSNTIVLKVAKDATKAEIK.A	29
PLOG-9177	proteomics_log	3449587	3449628	-	5	68	K.SNTIVLKVAKDATK.A	18
PLOG-9178	proteomics_log	3449587	3449649	-	5	13	K.ASTAMEKSNTIVLKVAKDATK.A	25
PLOG-9179	proteomics_log	3449599	3449628	-	5	51	K.SNTIVLKVAK.D	14
PLOG-9180	proteomics_log	3449599	3449649	-	5	2	K.ASTAM*EKSNTIVLKVAK.D	22
PLOG-9181	proteomics_log	3449599	3449649	-	5	20	K.ASTAMEKSNTIVLKVAK.D	21
PLOG-9182	proteomics_log	3449599	3449679	-	5	2	K.VLRAPHVSEKASTAMEKSNTIVLKVAK.D	31
PLOG-9183	proteomics_log	3449602	3449679	-	5	111	K.VLRAPHVSEKASTAMEKSNTIVLKVA.K	30
PLOG-9184	proteomics_log	3449608	3449649	-	5	5	K.ASTAM*EKSNTIVLK.V	19
PLOG-9185	proteomics_log	3449608	3449649	-	5	104	K.ASTAMEKSNTIVLK.V	18
PLOG-9186	proteomics_log	3449608	3449670	-	5	15	R.APHVSEKASTAMEKSNTIVLK.V	25
PLOG-9187	proteomics_log	3449608	3449679	-	5	4	K.VLRAPHVSEKASTAM*EKSNTIVLK.V	29
PLOG-9188	proteomics_log	3449608	3449679	-	5	183	K.VLRAPHVSEKASTAMEKSNTIVLK.V	28
PLOG-9189	proteomics_log	3449608	3449688	-	5	54	R.LLKVLRAPHVSEKASTAMEKSNTIVLK.V	31
PLOG-9190	proteomics_log	3449629	3449649	-	5	2	K.ASTAMEK.S	11
PLOG-9191	proteomics_log	3449629	3449670	-	5	8	R.APHVSEKASTAM*EK.S	19
PLOG-9192	proteomics_log	3449629	3449670	-	5	76	R.APHVSEKASTAMEK.S	18
PLOG-9193	proteomics_log	3449629	3449679	-	5	7	K.VLRAPHVSEKASTAM*EK.S	22
PLOG-9194	proteomics_log	3449629	3449679	-	5	301	K.VLRAPHVSEKASTAMEK.S	21
PLOG-9195	proteomics_log	3449629	3449688	-	5	140	R.LLKVLRAPHVSEKASTAMEK.S	24

PLOG-9196	proteomics_log	3449650	3449670	-	5	48	R.APHVSEK.A	11
PLOG-9197	proteomics_log	3449650	3449679	-	5	106	K.VLRAPHVSEK.A	14
PLOG-9198	proteomics_log	3449650	3449688	-	5	89	R.LLKVLRAPHVSEK.A	17
PLOG-9199	proteomics_log	3449706	3449753	-	4	10	K.VVMTADAVKQVEEMLA.-	20
PLOG-9200	proteomics_log	3449706	3449798	-	4	5	R.DATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	36
PLOG-9201	proteomics_log	3449706	3449798	-	4	6	R.DATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	36
PLOG-9202	proteomics_log	3449706	3449798	-	4	71	R.DATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	35
PLOG-9203	proteomics_log	3449706	3449798	-	4	5	R.DATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	37
PLOG-9204	proteomics_log	3449706	3449810	-	4	3	K.VDVRDATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	41
PLOG-9205	proteomics_log	3449706	3449810	-	4	159	K.VDVRDATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	39
PLOG-9206	proteomics_log	3449706	3449822	-	4	17	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	44
PLOG-9207	proteomics_log	3449706	3449822	-	4	28	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	44
PLOG-9208	proteomics_log	3449706	3449822	-	4	17	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	45
PLOG-9209	proteomics_log	3449706	3449822	-	4	255	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	43
PLOG-9210	proteomics_log	3449706	3449753	-	4	10	K.VVMTADAVKQVEEMLA.-	20
PLOG-9211	proteomics_log	3449706	3449798	-	4	5	R.DATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	36
PLOG-9212	proteomics_log	3449706	3449798	-	4	6	R.DATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	36
PLOG-9213	proteomics_log	3449706	3449798	-	4	71	R.DATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	35
PLOG-9214	proteomics_log	3449706	3449798	-	4	5	R.DATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	37
PLOG-9215	proteomics_log	3449706	3449810	-	4	3	K.VDVRDATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	41
PLOG-9216	proteomics_log	3449706	3449810	-	4	159	K.VDVRDATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	39
PLOG-9217	proteomics_log	3449706	3449822	-	4	17	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	44
PLOG-9218	proteomics_log	3449706	3449822	-	4	28	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	44
PLOG-9219	proteomics_log	3449706	3449822	-	4	17	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	45
PLOG-9220	proteomics_log	3449706	3449822	-	4	255	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	43
PLOG-9221	proteomics_log	3449727	3449753	-	4	3	K.VVMTADAVK.Q	13
PLOG-9222	proteomics_log	3449727	3449753	-	4	3	K.VVM*TADAVK.Q	14
PLOG-9223	proteomics_log	3449727	3449762	-	4	2	A.FDKVVMTADAVK.Q	17
PLOG-9224	proteomics_log	3449727	3449762	-	4	44	A.FDKVVMTADAVK.Q	16
PLOG-9225	proteomics_log	3449727	3449798	-	4	9	R.DATGIDPVSLIAFDKVVMTADAVK.Q	29
PLOG-9226	proteomics_log	3449727	3449798	-	4	181	R.DATGIDPVSLIAFDKVVMTADAVK.Q	28
PLOG-9227	proteomics_log	3449727	3449810	-	4	10	K.VDVRDATGIDPVSLIAFDKVVMTADAVK.Q	32
PLOG-9228	proteomics_log	3449727	3449822	-	4	5	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVK.Q	37
PLOG-9229	proteomics_log	3449727	3449822	-	4	169	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVK.Q	36
PLOG-9230	proteomics_log	3449739	3449798	-	4	9	R.DATGIDPVSLIAFDKVVMTA.D	24
PLOG-9231	proteomics_log	3449739	3449798	-	4	9	R.DATGIDPVSLIAFDKVVMTA.D	25
PLOG-9232	proteomics_log	3449742	3449798	-	4	5	R.DATGIDPVSLIAFDKVVMTA	24
PLOG-9233	proteomics_log	3449745	3449798	-	4	6	R.DATGIDPVSLIAFDKVVMT	23
PLOG-9234	proteomics_log	3449748	3449798	-	4	220	R.DATGIDPVSLIAFDKVV.M	21
PLOG-9235	proteomics_log	3449748	3449822	-	4	71	R.NLHKVDVRDATGIDPVSLIAFDKVV.M	29
PLOG-9236	proteomics_log	3449754	3449798	-	4	124	R.DATGIDPVSLIAFDK.V	19
PLOG-9237	proteomics_log	3449754	3449822	-	4	39	R.NLHKVDVRDATGIDPVSLIAFDK.V	27
PLOG-9238	proteomics_log	3449760	3449798	-	4	2	R.DATGIDPVSLIAF.D	17
PLOG-9239	proteomics_log	3449763	3449798	-	4	15	R.DATGIDPVSLIA.F	16
PLOG-9240	proteomics_log	3449763	3449810	-	4	2	K.VDVRDATGIDPVSLIA.F	20
PLOG-9241	proteomics_log	3449763	3449822	-	4	8	R.NLHKVDVRDATGIDPVSLIA.F	24

PLOG-9242	proteomics_log	3449769	3449798	-	4	6	R.DATGIDPVSL.I	14
PLOG-9243	proteomics_log	3449772	3449798	-	4	4	R.DATGIDPVS.L	13
PLOG-9244	proteomics_log	3449799	3449822	-	4	167	R.NLHKVDVR.D	12
PLOG-9245	proteomics_log	3449799	3449828	-	4	34	A.ARNHLHKVDVR.D	14
PLOG-9246	proteomics_log	3449823	3449882	-	4	30	A.LEDVLIITGELDENLFLAAR.N	24
PLOG-9247	proteomics_log	3449823	3449891	-	4	16	K.DM*ALEDVLIITGELDENLFLAAR.N	28
PLOG-9248	proteomics_log	3449823	3449891	-	4	281	K.DMALEDVLIITGELDENLFLAAR.N	27
PLOG-9249	proteomics_log	3449823	3449897	-	4	229	K.LKDM*ALEDVLIITGELDENLFLAAR.N	30
PLOG-9250	proteomics_log	3449823	3449897	-	4	2027	K.LKDMALEDVLIITGELDENLFLAAR.N	29
PLOG-9251	proteomics_log	3449823	3449903	-	4	16	A.QKLKDMALEDVLIITGELDENLFLAAR.N	31
PLOG-9252	proteomics_log	3449823	3449906	-	4	2	L.AQKLKDMALEDVLIITGELDENLFLAAR.N	32
PLOG-9253	proteomics_log	3449823	3449912	-	4	500	K.LLAQKLKDM*ALEDVLIITGELDENLFLAAR.N	35
PLOG-9254	proteomics_log	3449823	3449912	-	4	1078	K.LLAQKLKDMALEDVLIITGELDENLFLAAR.N	34
PLOG-9255	proteomics_log	3449823	3449918	-	4	21	K.TKLLAQKLKDM*ALEDVLIITGELDENLFLAAR.N	37
PLOG-9256	proteomics_log	3449823	3449918	-	4	257	K.TKLLAQKLKDMALEDVLIITGELDENLFLAAR.N	36
PLOG-9257	proteomics_log	3449823	3449939	-	4	115	K.FSVEAPKTKLLAQKLKDMALEDVLIITGELDENLFLAAR.N	43
PLOG-9258	proteomics_log	3449829	3449897	-	4	42	K.LKDMALEDVLIITGELDENLFLA.A	27
PLOG-9259	proteomics_log	3449829	3449912	-	4	12	K.LLAQKLKDM*ALEDVLIITGELDENLFLA.A	33
PLOG-9260	proteomics_log	3449829	3449912	-	4	115	K.LLAQKLKDMALEDVLIITGELDENLFLA.A	32
PLOG-9261	proteomics_log	3449829	3449918	-	4	14	K.TKLLAQKLKDMALEDVLIITGELDENLFLA.A	34
PLOG-9262	proteomics_log	3449829	3449939	-	4	5	K.FSVEAPKTKLLAQKLKDMALEDVLIITGELDENLFLA.A	41
PLOG-9263	proteomics_log	3449832	3449912	-	4	2	K.LLAQKLKDMALEDVLIITGELDENLFLA.A	31
PLOG-9264	proteomics_log	3449835	3449912	-	4	2	K.LLAQKLKDMALEDVLIITGELDENLFLA.A	30
PLOG-9265	proteomics_log	3449892	3449912	-	4	4	K.LLAQKLK.D	11
PLOG-9266	proteomics_log	3449898	3449939	-	4	7	K.FSVEAPKTKLLAQK.L	18
PLOG-9267	proteomics_log	3449898	3449957	-	4	10	R.LIVVEKFSVEAPKTKLLAQK.L	24
PLOG-9268	proteomics_log	3449913	3449939	-	4	52	K.FSVEAPKTK.L	13
PLOG-9269	proteomics_log	3449913	3449951	-	4	2	I.VVEKFSVEAPKTK.L	17
PLOG-9270	proteomics_log	3449913	3449957	-	4	167	R.LIVVEKFSVEAPKTK.L	19
PLOG-9271	proteomics_log	3449913	3449966	-	4	99	R.QDRLIVVEKFSVEAPKTK.L	22
PLOG-9272	proteomics_log	3449913	3449990	-	4	46	K.SILSELVRQDRLIVVEKFSVEAPKTK.L	30
PLOG-9273	proteomics_log	3449919	3449939	-	4	2	K.FSVEAPK.T	11
PLOG-9274	proteomics_log	3449919	3449957	-	4	52	R.LIVVEKFSVEAPK.T	17
PLOG-9275	proteomics_log	3449919	3449966	-	4	2	R.QDRLIVVEKFSVEAPK.T	20
PLOG-9276	proteomics_log	3449919	3449990	-	4	2	K.SILSELVRQDRLIVVEKFSVEAPK.T	28
PLOG-9277	proteomics_log	3449940	3449966	-	4	8	R.QDRLIVVEK.F	13
PLOG-9278	proteomics_log	3449940	3449990	-	4	4	K.SILSELVRQDRLIVVEK.F	21
PLOG-9279	proteomics_log	3449940	3450002	-	4	117	R.GALKSILSELVRQDRLIVVEK.F	25
PLOG-9280	proteomics_log	3449958	3449990	-	4	13	K.SILSELVRQDR.L	15
PLOG-9281	proteomics_log	3449958	3450002	-	4	33	R.GALKSILSELVRQDR.L	19
PLOG-9282	proteomics_log	3449958	3450011	-	4	12	K.MYRGALKSILSELVRQDR.L	22
PLOG-9283	proteomics_log	3449967	3449990	-	4	199	K.SILSELVR.Q	12
PLOG-9284	proteomics_log	3449967	3450002	-	4	208	R.GALKSILSELVR.Q	16
PLOG-9285	proteomics_log	3449967	3450011	-	4	3	K.M*YRGALKSILSELVR.Q	20
PLOG-9286	proteomics_log	3449967	3450011	-	4	35	K.MYRGALKSILSELVR.Q	19
PLOG-9287	proteomics_log	3450003	3450071	-	4	33	R.SGGVTFARPQDHSQVKNKKMYR.G	27



PLOG-9288	proteomics_log	3450012	3450071	-	4	151	R.SGGVTFAARPQDHSQKVNKK.M	24
PLOG-9289	proteomics_log	3450015	3450053	-	4	2	F.AARPQDHSQKVNK.K	17
PLOG-9290	proteomics_log	3450015	3450071	-	4	112	R.SGGVTFAARPQDHSQKVNK.K	23
PLOG-9291	proteomics_log	3450024	3450071	-	4	55	R.SGGVTFAARPQDHSQK.V	20
PLOG-9292	proteomics_log	3450045	3450071	-	4	3	R.SGGVTFAAR.P	13
PLOG-9293	proteomics_log	3450072	3450101	-	4	134	R.SGSIKSPIWR.S	14
PLOG-9294	proteomics_log	3450072	3450107	-	4	57	R.ARSGSIKSPIWR.S	16
PLOG-9295	proteomics_log	3450108	3450161	-	4	8	R.AEVTGSGKKPWRQKGTGR.A	22
PLOG-9296	proteomics_log	3450108	3450167	-	4	4	K.TRAEVTGSGKKPWRQKGTGR.A	24
PLOG-9297	proteomics_log	3450108	3450176	-	4	3	R.AQKTRAEVTGSGKKPWRQKGTGR.A	27
PLOG-9298	proteomics_log	3450120	3450161	-	4	41	R.AEVTGSGKKPWRQK.G	18
PLOG-9299	proteomics_log	3450120	3450167	-	4	2	K.TRAEVTGSGKKPWRQK.G	20
PLOG-9300	proteomics_log	3450126	3450161	-	4	115	R.AEVTGSGKKPWR.Q	16
PLOG-9301	proteomics_log	3450126	3450167	-	4	44	K.TRAEVTGSGKKPWR.Q	18
PLOG-9302	proteomics_log	3450126	3450176	-	4	18	R.AQKTRAEVTGSGKKPWR.Q	21
PLOG-9303	proteomics_log	3450138	3450167	-	4	24	K.TRAEVTGSGK.K	14
PLOG-9304	proteomics_log	3450189	3450245	-	4	291	R.DFNEALVHQVVVYAAAGAR.Q	23
PLOG-9305	proteomics_log	3450189	3450290	-	4	228	K.DAQSALTVSETTFGRDFNEALVHQVVVYAAAGAR.Q	38
PLOG-9306	proteomics_log	3450189	3450308	-	4	74	A.M*ELVLKDAQSALTVSETTFGRDFNEALVHQVVVYAAAGAR.Q	45
PLOG-9307	proteomics_log	3450189	3450308	-	4	543	A.MELVLKDAQSALTVSETTFGRDFNEALVHQVVVYAAAGAR.Q	44
PLOG-9308	proteomics_log	3450246	3450290	-	4	27	K.DAQSALTVSETTFGR.D	19
PLOG-9309	proteomics_log	3450246	3450308	-	4	11	A.M*ELVLKDAQSALTVSETTFGR.D	26
PLOG-9310	proteomics_log	3450246	3450308	-	4	247	A.MELVLKDAQSALTVSETTFGR.D	25
PLOG-9311	proteomics_log	3450322	3450378	-	5	328	K.GAVPGATGSDLIVKPAVKA.-	23
PLOG-9312	proteomics_log	3450322	3450396	-	5	347	R.NLLLKVGAVPGATGSDLIVKPAVKA.-	29
PLOG-9313	proteomics_log	3450322	3450411	-	5	158	R.VDAERNLLLKVGAVPGATGSDLIVKPAVKA.-	34
PLOG-9314	proteomics_log	3450322	3450441	-	5	20	R.VTVQSLDVVRVDAERNLLLKVGAVPGATGSDLIVKPAVKA.-	44
PLOG-9315	proteomics_log	3450325	3450369	-	5	12	V.PGATGSDLIVKPAVK.A	19
PLOG-9316	proteomics_log	3450325	3450378	-	5	57	K.GAVPGATGSDLIVKPAVK.A	22
PLOG-9317	proteomics_log	3450325	3450396	-	5	14	R.NLLLKVGAVPGATGSDLIVKPAVK.A	28
PLOG-9318	proteomics_log	3450379	3450411	-	5	44	R.VDAERNLLLK.G	15
PLOG-9319	proteomics_log	3450379	3450441	-	5	173	R.VTVQSLDVVRVDAERNLLLK.G	25
PLOG-9320	proteomics_log	3450379	3450468	-	5	2	K.MAGQMGNERVTVQSLDVVRVDAERNLLLK.G	34
PLOG-9321	proteomics_log	3450397	3450441	-	5	135	R.VTVQSLDVVRVDAER.N	19
PLOG-9322	proteomics_log	3450397	3450468	-	5	24	K.MAGQMGNERVTVQSLDVVRVDAER.N	28
PLOG-9323	proteomics_log	3450412	3450441	-	5	381	R.VTVQSLDVVR.V	14
PLOG-9324	proteomics_log	3450412	3450468	-	5	3	K.M*AGQM*GNERVTVQSLDVVR.V	25
PLOG-9325	proteomics_log	3450412	3450468	-	5	3	K.MAGQM*GNERVTVQSLDVVR.V	24
PLOG-9326	proteomics_log	3450412	3450468	-	5	114	K.MAGQMGNERVTVQSLDVVR.V	23
PLOG-9327	proteomics_log	3450412	3450471	-	5	50	K.KMAGQMGNERVTVQSLDVVR.V	24
PLOG-9328	proteomics_log	3450442	3450468	-	5	59	K.MAGQM*GNER.V	14
PLOG-9329	proteomics_log	3450442	3450468	-	5	59	K.M*AGQM*GNER.V	15
PLOG-9330	proteomics_log	3450442	3450468	-	5	104	K.M*AGQMGNER.V	14
PLOG-9331	proteomics_log	3450442	3450468	-	5	157	K.MAGQMGNER.V	13
PLOG-9332	proteomics_log	3450442	3450471	-	5	23	K.KMAGQM*GNER.V	15
PLOG-9333	proteomics_log	3450442	3450471	-	5	44	K.KM*AGQMGNER.V	15

PLOG-9334	proteomics_log	3450442	3450471	-	5	149	K.KMAGQMGNER.V	14
PLOG-9335	proteomics_log	3450526	3450558	-	5	2	Q.DATHGNSLSHR.V	15
PLOG-9336	proteomics_log	3450526	3450564	-	5	166	R.TQDATHGNSLSHR.V	17
PLOG-9337	proteomics_log	3450577	3450606	-	5	100	K.GKGFAGTVKR.W	14
PLOG-9338	proteomics_log	3450577	3450630	-	5	74	K.VDVTGTSKGGKGFAGTVKR.W	22
PLOG-9339	proteomics_log	3450577	3450633	-	5	145	K.KVDVTGTSKGGKGFAGTVKR.W	23
PLOG-9340	proteomics_log	3450580	3450606	-	5	25	K.GKGFAGTVK.R	13
PLOG-9341	proteomics_log	3450580	3450633	-	5	25	K.KVDVTGTSKGGKGFAGTVK.R	22
PLOG-9342	proteomics_log	3450601	3450630	-	5	19	K.VDVTGTSKGGK.G	14
PLOG-9343	proteomics_log	3450601	3450633	-	5	124	K.KVDVTGTSKGGK.G	15
PLOG-9344	proteomics_log	3450601	3450699	-	5	3	R.LAEGEFTVGQSSISVELFADVKKVDVTGTSKGGK.G	37
PLOG-9345	proteomics_log	3450607	3450627	-	5	8	V.DVTGTSK.G	11
PLOG-9346	proteomics_log	3450607	3450630	-	5	11	K.VDVTGTSK.G	12
PLOG-9347	proteomics_log	3450607	3450633	-	5	180	K.KVDVTGTSK.G	13
PLOG-9348	proteomics_log	3450607	3450699	-	5	78	R.LAEGEFTVGQSSISVELFADVKKVDVTGTSK.G	35
PLOG-9349	proteomics_log	3450634	3450699	-	5	271	R.LAEGEFTVGQSSISVELFADVK.K	26
PLOG-9350	proteomics_log	3450700	3450738	-	5	60	K.AGVEAGRGLWEFR.L	17
PLOG-9351	proteomics_log	3450718	3450783	-	5	5	K.KANRVTKPEAGHFAKAGVEAGR.G	26
PLOG-9352	proteomics_log	3450739	3450771	-	5	184	R.VTKPEAGHFAK.A	15
PLOG-9353	proteomics_log	3450739	3450780	-	5	85	K.ANRVTKPEAGHFAK.A	18
PLOG-9354	proteomics_log	3450739	3450783	-	5	318	K.KANRVTKPEAGHFAK.A	19
PLOG-9355	proteomics_log	3450739	3450810	-	5	91	R.AIQVTTGAKKANRVTKPEAGHFAK.A	28
PLOG-9356	proteomics_log	3450772	3450810	-	5	138	R.AIQVTTGAKKANR.V	17
PLOG-9357	proteomics_log	3450781	3450810	-	5	6	R.AIQVTTGAKK.A	14
PLOG-9358	proteomics_log	3450784	3450810	-	5	282	R.AIQVTTGAK.K	13
PLOG-9359	proteomics_log	3450784	3450834	-	5	14	K.DLANDGYRAIQVTTGAK.K	21
PLOG-9360	proteomics_log	3450784	3450849	-	5	11	R.VTQVKDLANDGYRAIQVTTGAK.K	26
PLOG-9361	proteomics_log	3450784	3450909	-	5	53	R.IFTEDGVSIPVTVIEVEANRVTVQVKDLANDGYRAIQVTTGAK.K	46
PLOG-9362	proteomics_log	3450811	3450834	-	5	26	K.DLANDGYR.A	12
PLOG-9363	proteomics_log	3450811	3450849	-	5	277	R.VTQVKDLANDGYR.A	17
PLOG-9364	proteomics_log	3450811	3450882	-	5	2	I.PVTVIEVEANRVTVQVKDLANDGYR.A	28
PLOG-9365	proteomics_log	3450811	3450888	-	5	20	V.SIPVTVIEVEANRVTVQVKDLANDGYR.A	30
PLOG-9366	proteomics_log	3450811	3450909	-	5	332	R.IFTEDGVSIPVTVIEVEANRVTVQVKDLANDGYR.A	37
PLOG-9367	proteomics_log	3450835	3450888	-	5	14	V.SIPVTVIEVEANRVTVQVK.D	22
PLOG-9368	proteomics_log	3450835	3450909	-	5	64	R.IFTEDGVSIPVTVIEVEANRVTVQVK.D	29
PLOG-9369	proteomics_log	3450835	3450948	-	5	24	T.MIGLVGKKVGMTRIFTEDGVSIPVTVIEVEANRVTVQVK.D	42
PLOG-9370	proteomics_log	3450850	3450909	-	5	506	R.IFTEDGVSIPVTVIEVEANR.V	24
PLOG-9371	proteomics_log	3450910	3450942	-	5	3	I.GLVGKKVGMTR.I	15
PLOG-9372	proteomics_log	3450910	3450945	-	5	3	M.IGLVGKKVGM*TR.I	17
PLOG-9373	proteomics_log	3450910	3450948	-	5	3	T.M*IGLVGKKVGMTR.I	18
PLOG-9374	proteomics_log	3450910	3450948	-	5	9	T.MIGLVGKKVGM*TR.I	18
PLOG-9375	proteomics_log	3450910	3450948	-	5	136	T.MIGLVGKKVGMTR.I	17
PLOG-9376	proteomics_log	3450925	3450948	-	5	247	T.MIGLVGKK.V	12
PLOG-9377	proteomics_log	3450928	3450948	-	5	138	T.MIGLVGK.K	11
PLOG-9378	proteomics_log	3450984	3451025	-	4	17	R.LDLAAGVDVQISLG.-	18
PLOG-9379	proteomics_log	3450996	3451025	-	4	9	R.LDLAAGVDVQ.I	14

PLOG-9380	proteomics_log	3451026	3451046	-	4	2	K.TVDALM*R.L	12
PLOG-9381	proteomics_log	3451026	3451046	-	4	25	K.TVDALMR.L	11
PLOG-9382	proteomics_log	3451026	3451070	-	4	15	V.DIVEPTEKTVDALMR.L	19
PLOG-9383	proteomics_log	3451026	3451076	-	4	62	R.LVDIVEPTEKTVDALM*R.L	22
PLOG-9384	proteomics_log	3451026	3451076	-	4	650	R.LVDIVEPTEKTVDALMR.L	21
PLOG-9385	proteomics_log	3451026	3451079	-	4	4	L.RLVDIVEPTEKTVDALMR.L	22
PLOG-9386	proteomics_log	3451026	3451082	-	4	4	H.LRLVDIVEPTEKTVDALMR.L	23
PLOG-9387	proteomics_log	3451026	3451088	-	4	4	R.THLRLVDIVEPTEKTVDALM*R.L	26
PLOG-9388	proteomics_log	3451026	3451088	-	4	54	R.THLRLVDIVEPTEKTVDALMR.L	25
PLOG-9389	proteomics_log	3451038	3451076	-	4	3	R.LVDIVEPTEKTV.D.A	17
PLOG-9390	proteomics_log	3451047	3451070	-	4	17	V.DIVEPTEK.T	12
PLOG-9391	proteomics_log	3451047	3451076	-	4	438	R.LVDIVEPTEK.T	14
PLOG-9392	proteomics_log	3451047	3451082	-	4	6	H.LRLVDIVEPTEK.T	16
PLOG-9393	proteomics_log	3451047	3451088	-	4	67	R.THLRLVDIVEPTEK.T	18
PLOG-9394	proteomics_log	3451050	3451076	-	4	2	R.LVDIVEPTE.K	13
PLOG-9395	proteomics_log	3451077	3451106	-	4	17	R.DQYEIRTHLR.L	14
PLOG-9396	proteomics_log	3451077	3451148	-	4	101	R.FTVLISPHVNKDARDQYEIRTHLR.L	28
PLOG-9397	proteomics_log	3451089	3451106	-	4	85	R.DQYEIR.T	10
PLOG-9398	proteomics_log	3451089	3451148	-	4	188	R.FTVLISPHVNKDARDQYEIR.T	24
PLOG-9399	proteomics_log	3451089	3451154	-	4	11	K.ERFTVLISPHVNKDARDQYEIR.T	26
PLOG-9400	proteomics_log	3451107	3451148	-	4	252	R.FTVLISPHVNKDAR.D	18
PLOG-9401	proteomics_log	3451107	3451154	-	4	9	K.ERFTVLISPHVNKDAR.D	20
PLOG-9402	proteomics_log	3451116	3451148	-	4	175	R.FTVLISPHVNK.D	15
PLOG-9403	proteomics_log	3451119	3451148	-	4	4	R.FTVLISPHVN.K	14
PLOG-9404	proteomics_log	3451149	3451181	-	4	4	R.GPIPLPTRKER.F	15
PLOG-9405	proteomics_log	3451149	3451199	-	4	74	R.TGAQVRGPIPLPTRKER.F	21
PLOG-9406	proteomics_log	3451155	3451181	-	4	2	R.GPIPLPTRK.E	13
PLOG-9407	proteomics_log	3451155	3451199	-	4	70	R.TGAQVRGPIPLPTRK.E	19
PLOG-9408	proteomics_log	3451158	3451199	-	4	65	R.TGAQVRGPIPLPTR.K	18
PLOG-9409	proteomics_log	3451158	3451202	-	4	3	K.RTGAQVRGPIPLPTR.K	19
PLOG-9410	proteomics_log	3451158	3451244	-	4	11	R.LIDQATAEIVETAKRTGAQVRGPIPLPTR.K	33
PLOG-9411	proteomics_log	3451182	3451244	-	4	78	R.LIDQATAEIVETAKRTGAQVR.G	25
PLOG-9412	proteomics_log	3451182	3451259	-	4	5	K.AFDHRLIDQATAEIVETAKRTGAQVR.G	30
PLOG-9413	proteomics_log	3451200	3451238	-	4	22	I.DQATAEIVETAKR.T	17
PLOG-9414	proteomics_log	3451200	3451244	-	4	228	R.LIDQATAEIVETAKR.T	19
PLOG-9415	proteomics_log	3451200	3451259	-	4	155	K.AFDHRLIDQATAEIVETAKR.T	24
PLOG-9416	proteomics_log	3451200	3451265	-	4	71	R.LKAFDHRLIDQATAEIVETAKR.T	26
PLOG-9417	proteomics_log	3451200	3451271	-	4	3	R.IRLKAFDHRLIDQATAEIVETAKR.T	28
PLOG-9418	proteomics_log	3451203	3451238	-	4	4	I.DQATAEIVETAK.R	16
PLOG-9419	proteomics_log	3451203	3451241	-	4	15	L.IDQATAEIVETAK.R	17
PLOG-9420	proteomics_log	3451203	3451244	-	4	376	R.LIDQATAEIVETAK.R	18
PLOG-9421	proteomics_log	3451203	3451247	-	4	10	H.RLIDQATAEIVETAK.R	19
PLOG-9422	proteomics_log	3451203	3451259	-	4	48	K.AFDHRLIDQATAEIVETAK.R	23
PLOG-9423	proteomics_log	3451203	3451265	-	4	6	R.LKAFDHRLIDQATAEIVETAK.R	25
PLOG-9424	proteomics_log	3451212	3451244	-	4	8	R.LIDQATAEIVE.T	15
PLOG-9425	proteomics_log	3455415	3455468	-	4	2	-.TSTM*IASTSTCARRMSRR.A	23

PLOG-9426	proteomics_log	3464283	3464318	-	4	3	K.MGLQNYLQAQIR.E	16
PLOG-9427	proteomics_log	3464319	3464396	-	4	59	R.DMMIEILRDEEGHIDWLETDLIQK.M	30
PLOG-9428	proteomics_log	3464397	3464441	-	4	8	R.EAIGYADSVHDYVSR.D	19
PLOG-9429	proteomics_log	3464397	3464450	-	4	5	K.NLREAIGYADSVHDYVSR.D	22
PLOG-9430	proteomics_log	3464397	3464483	-	4	9	R.SDLALELDGAKNLR.AIGYADSVHDYVSR.D	33
PLOG-9431	proteomics_log	3464442	3464483	-	4	2	R.SDLALELDGAKNLR.E	18
PLOG-9432	proteomics_log	3464442	3464564	-	4	3	R.ILFLEGLPNLQDLGKLNIGEDVEEMLRSDLALELDGAKNLR.E	45
PLOG-9433	proteomics_log	3464451	3464483	-	4	4	R.SDLALELDGAK.N	15
PLOG-9434	proteomics_log	3464451	3464564	-	4	9	R.ILFLEGLPNLQDLGKLNIGEDVEEMLRSDLALELDGAK.N	42
PLOG-9435	proteomics_log	3464484	3464519	-	4	8	K.LNIGEDVEEMLR.S	16
PLOG-9436	proteomics_log	3464484	3464564	-	4	5	R.ILFLEGLPNLQDLGKLNIGEDVEEM*LR.S	32
PLOG-9437	proteomics_log	3464484	3464564	-	4	154	R.ILFLEGLPNLQDLGKLNIGEDVEEMLR.S	31
PLOG-9438	proteomics_log	3464520	3464564	-	4	49	R.ILFLEGLPNLQDLGK.L	19
PLOG-9439	proteomics_log	3464565	3464630	-	4	3	R.LNDVEYHESIDEMKHADRYIER.I	26
PLOG-9440	proteomics_log	3464658	3464708	-	4	98	K.LLGNELVAINQYFLHAR.M	21
PLOG-9441	proteomics_log	3464658	3464729	-	4	29	K.VINYLNKLLGNELVAINQYFLHAR.M	28
PLOG-9442	proteomics_log	3464658	3464747	-	4	17	K.MKGDTKVINYLNKLLGNELVAINQYFLHAR.M	34
PLOG-9443	proteomics_log	3468170	3468205	-	6	125	R.TVGAGVVAKVLG.-	16
PLOG-9444	proteomics_log	3468170	3468217	-	6	12	R.EGGRTVGAGVVAKVLG.-	20
PLOG-9445	proteomics_log	3468179	3468202	-	6	18	T.VGAGVVAK.V	12
PLOG-9446	proteomics_log	3468179	3468202	-	6	18	T.VGAGVVAK.V	12
PLOG-9447	proteomics_log	3468179	3468205	-	6	7	R.TVGAGVVAK.V	13
PLOG-9448	proteomics_log	3468179	3468205	-	6	7	R.TVGAGVVAK.V	13
PLOG-9449	proteomics_log	3468179	3468214	-	6	5	E.GGRTVGAGVVAK.V	16
PLOG-9450	proteomics_log	3468179	3468214	-	6	5	E.GGRTVGAGVVAK.V	16
PLOG-9451	proteomics_log	3468179	3468217	-	6	285	R.EGGRTVGAGVVAK.V	17
PLOG-9452	proteomics_log	3468179	3468217	-	6	285	R.EGGRTVGAGVVAK.V	17
PLOG-9453	proteomics_log	3468179	3468229	-	6	30	R.FAIREGGRTVGAGVVAK.V	21
PLOG-9454	proteomics_log	3468179	3468229	-	6	30	R.FAIREGGRTVGAGVVAK.V	21
PLOG-9455	proteomics_log	3468179	3468277	-	6	2	K.MVVTLIHPIAM*DDGLRFAIREGGRTVGAGVVAK.V	38
PLOG-9456	proteomics_log	3468179	3468277	-	6	38	K.MVVTLIHPIAMDDGLRFAIREGGRTVGAGVVAK.V	37
PLOG-9457	proteomics_log	3468179	3468277	-	6	2	K.MVVTLIHPIAM*DDGLRFAIREGGRTVGAGVVAK.V	38
PLOG-9458	proteomics_log	3468179	3468277	-	6	38	K.MVVTLIHPIAMDDGLRFAIREGGRTVGAGVVAK.V	37
PLOG-9459	proteomics_log	3468206	3468277	-	6	4	K.M*VVTLIHPIAM*DDGLRFAIREGGR.T	30
PLOG-9460	proteomics_log	3468206	3468277	-	6	16	K.MVVTLIHPIAM*DDGLRFAIREGGR.T	29
PLOG-9461	proteomics_log	3468206	3468277	-	6	41	K.M*VVTLIHPIAMDDGLRFAIREGGR.T	29
PLOG-9462	proteomics_log	3468206	3468277	-	6	222	K.MVVTLIHPIAMDDGLRFAIREGGR.T	28
PLOG-9463	proteomics_log	3468206	3468277	-	6	4	K.M*VVTLIHPIAM*DDGLRFAIREGGR.T	30
PLOG-9464	proteomics_log	3468206	3468277	-	6	16	K.MVVTLIHPIAM*DDGLRFAIREGGR.T	29
PLOG-9465	proteomics_log	3468206	3468277	-	6	41	K.M*VVTLIHPIAMDDGLRFAIREGGR.T	29
PLOG-9466	proteomics_log	3468206	3468277	-	6	222	K.MVVTLIHPIAMDDGLRFAIREGGR.T	28
PLOG-9467	proteomics_log	3468218	3468256	-	6	14	H.PIAMDDGLRFAIR.E	17
PLOG-9468	proteomics_log	3468218	3468256	-	6	14	H.PIAMDDGLRFAIR.E	17
PLOG-9469	proteomics_log	3468218	3468259	-	6	2	I.HPIAMDDGLRFAIR.E	18
PLOG-9470	proteomics_log	3468218	3468259	-	6	2	I.HPIAMDDGLRFAIR.E	18
PLOG-9471	proteomics_log	3468218	3468271	-	6	20	V.VTLIHPIAMDDGLRFAIR.E	22

PLOG-9472	proteomics_log	3468218	3468271	-	6	20	V.VTLIHPIAMDDGLRFAIR.E	22
PLOG-9473	proteomics_log	3468218	3468277	-	6	9	K.M*VVTLIHPIAM*DDGLRFAIR.E	26
PLOG-9474	proteomics_log	3468218	3468277	-	6	15	K.M*VVTLIHPIAMDDGLRFAIR.E	25
PLOG-9475	proteomics_log	3468218	3468277	-	6	37	K.MVVTLIHPIAM*DDGLRFAIR.E	25
PLOG-9476	proteomics_log	3468218	3468277	-	6	503	K.MVVTLIHPIAMDDGLRFAIR.E	24
PLOG-9477	proteomics_log	3468218	3468277	-	6	9	K.M*VVTLIHPIAM*DDGLRFAIR.E	26
PLOG-9478	proteomics_log	3468218	3468277	-	6	15	K.M*VVTLIHPIAMDDGLRFAIR.E	25
PLOG-9479	proteomics_log	3468218	3468277	-	6	37	K.MVVTLIHPIAM*DDGLRFAIR.E	25
PLOG-9480	proteomics_log	3468218	3468277	-	6	503	K.MVVTLIHPIAMDDGLRFAIR.E	24
PLOG-9481	proteomics_log	3468218	3468349	-	6	9	R.TTDVTGTIELPEGVEMVMPGDNIKMVVTLIHPIAMDDGLRFAIR.E	48
PLOG-9482	proteomics_log	3468218	3468349	-	6	9	R.TTDVTGTIELPEGVEMVMPGDNIKMVVTLIHPIAMDDGLRFAIR.E	48
PLOG-9483	proteomics_log	3468224	3468277	-	6	50	K.MVVTLIHPIAMDDGLRFA.I	22
PLOG-9484	proteomics_log	3468224	3468277	-	6	50	K.MVVTLIHPIAMDDGLRFA.I	22
PLOG-9485	proteomics_log	3468227	3468277	-	6	2	K.M*VVTLIHPIAMDDGLRF.A	22
PLOG-9486	proteomics_log	3468227	3468277	-	6	180	K.MVVTLIHPIAMDDGLRF.A	21
PLOG-9487	proteomics_log	3468227	3468277	-	6	2	K.M*VVTLIHPIAMDDGLRF.A	22
PLOG-9488	proteomics_log	3468227	3468277	-	6	180	K.MVVTLIHPIAMDDGLRF.A	21
PLOG-9489	proteomics_log	3468230	3468259	-	6	7	I.HPIAMDDGLR.F	14
PLOG-9490	proteomics_log	3468230	3468259	-	6	7	I.HPIAMDDGLR.F	14
PLOG-9491	proteomics_log	3468230	3468268	-	6	73	V.TLIHPIAMDDGLR.F	17
PLOG-9492	proteomics_log	3468230	3468268	-	6	73	V.TLIHPIAMDDGLR.F	17
PLOG-9493	proteomics_log	3468230	3468271	-	6	15	V.VTLIHPIAM*DDGLR.F	19
PLOG-9494	proteomics_log	3468230	3468271	-	6	94	V.VTLIHPIAMDDGLR.F	18
PLOG-9495	proteomics_log	3468230	3468271	-	6	15	V.VTLIHPIAM*DDGLR.F	19
PLOG-9496	proteomics_log	3468230	3468271	-	6	94	V.VTLIHPIAMDDGLR.F	18
PLOG-9497	proteomics_log	3468230	3468274	-	6	83	M.VVTLIHPIAMDDGLR.F	19
PLOG-9498	proteomics_log	3468230	3468274	-	6	83	M.VVTLIHPIAMDDGLR.F	19
PLOG-9499	proteomics_log	3468230	3468277	-	6	166	K.M*VVTLIHPIAM*DDGLR.F	22
PLOG-9500	proteomics_log	3468230	3468277	-	6	278	K.MVVTLIHPIAM*DDGLR.F	21
PLOG-9501	proteomics_log	3468230	3468277	-	6	288	K.M*VVTLIHPIAMDDGLR.F	21
PLOG-9502	proteomics_log	3468230	3468277	-	6	828	K.MVVTLIHPIAMDDGLR.F	20
PLOG-9503	proteomics_log	3468230	3468277	-	6	166	K.M*VVTLIHPIAM*DDGLR.F	22
PLOG-9504	proteomics_log	3468230	3468277	-	6	278	K.MVVTLIHPIAM*DDGLR.F	21
PLOG-9505	proteomics_log	3468230	3468277	-	6	288	K.M*VVTLIHPIAMDDGLR.F	21
PLOG-9506	proteomics_log	3468230	3468277	-	6	828	K.MVVTLIHPIAMDDGLR.F	20
PLOG-9507	proteomics_log	3468230	3468349	-	6	56	R.TTDVTGTIELPEGVEMVMPGDNIKMVVTLIHPIAMDDGLR.F	44
PLOG-9508	proteomics_log	3468230	3468349	-	6	56	R.TTDVTGTIELPEGVEMVMPGDNIKMVVTLIHPIAMDDGLR.F	44
PLOG-9509	proteomics_log	3468239	3468277	-	6	5	K.MVVTLIHPIAMDD.G	17
PLOG-9510	proteomics_log	3468239	3468277	-	6	5	K.MVVTLIHPIAMDD.G	17
PLOG-9511	proteomics_log	3468242	3468277	-	6	3	K.M*VVTLIHPIAMD.D	17
PLOG-9512	proteomics_log	3468242	3468277	-	6	8	K.MVVTLIHPIAM*D.D	17
PLOG-9513	proteomics_log	3468242	3468277	-	6	150	K.MVVTLIHPIAMD.D	16
PLOG-9514	proteomics_log	3468242	3468277	-	6	3	K.M*VVTLIHPIAMD.D	17
PLOG-9515	proteomics_log	3468242	3468277	-	6	8	K.MVVTLIHPIAM*D.D	17
PLOG-9516	proteomics_log	3468242	3468277	-	6	150	K.MVVTLIHPIAMD.D	16
PLOG-9517	proteomics_log	3468245	3468277	-	6	3	K.M*VVTLIHPIAM*.D	17

PLOG-9518	proteomics_log	3468245	3468277	-	6	9	K.M*VVTLIHPIAM.D	16
PLOG-9519	proteomics_log	3468245	3468277	-	6	8	K.MVVTLIHPIAM*.D	16
PLOG-9520	proteomics_log	3468245	3468277	-	6	316	K.MVVTLIHPIAM.D	15
PLOG-9521	proteomics_log	3468245	3468277	-	6	3	K.M*VVTLIHPIAM*.D	17
PLOG-9522	proteomics_log	3468245	3468277	-	6	9	K.M*VVTLIHPIAM.D	16
PLOG-9523	proteomics_log	3468245	3468277	-	6	8	K.MVVTLIHPIAM*.D	16
PLOG-9524	proteomics_log	3468245	3468277	-	6	316	K.MVVTLIHPIAM.D	15
PLOG-9525	proteomics_log	3468248	3468277	-	6	3	K.MVVTLIHPIA.M	14
PLOG-9526	proteomics_log	3468248	3468277	-	6	3	K.MVVTLIHPIA.M	14
PLOG-9527	proteomics_log	3468278	3468313	-	6	4	E.GVEM*VM*PGDNIK.M	18
PLOG-9528	proteomics_log	3468278	3468313	-	6	4	E.GVEM*VM*PGDNIK.M	18
PLOG-9529	proteomics_log	3468278	3468319	-	6	34	L.PEGVEMVMPGDNIK.M	18
PLOG-9530	proteomics_log	3468278	3468319	-	6	34	L.PEGVEMVMPGDNIK.M	18
PLOG-9531	proteomics_log	3468278	3468322	-	6	2	E.LPEGVEMVMPGDNIK.M	19
PLOG-9532	proteomics_log	3468278	3468322	-	6	2	E.LPEGVEMVMPGDNIK.M	19
PLOG-9533	proteomics_log	3468278	3468340	-	6	9	D.VTGTELPEGVEMVMPGDNIK.M	25
PLOG-9534	proteomics_log	3468278	3468340	-	6	9	D.VTGTELPEGVEMVMPGDNIK.M	25
PLOG-9535	proteomics_log	3468278	3468343	-	6	10	T.DVTGTIELPEGVEMVM*PGDNIK.M	27
PLOG-9536	proteomics_log	3468278	3468343	-	6	22	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PLOG-9537	proteomics_log	3468278	3468343	-	6	10	T.DVTGTIELPEGVEM*VM*PGDNIK.M	28
PLOG-9538	proteomics_log	3468278	3468343	-	6	10	T.DVTGTIELPEGVEMVM*PGDNIK.M	27
PLOG-9539	proteomics_log	3468278	3468343	-	6	22	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PLOG-9540	proteomics_log	3468278	3468343	-	6	10	T.DVTGTIELPEGVEM*VM*PGDNIK.M	28
PLOG-9541	proteomics_log	3468278	3468349	-	6	70	R.TTDVGTIELPEGVEM*VMPGDNIK.M	29
PLOG-9542	proteomics_log	3468278	3468349	-	6	371	R.TTDVGTIELPEGVEMVM*PGDNIK.M	29
PLOG-9543	proteomics_log	3468278	3468349	-	6	70	R.TTDVGTIELPEGVEM*VM*PGDNIK.M	30
PLOG-9544	proteomics_log	3468278	3468349	-	6	1008	R.TTDVGTIELPEGVEMVMPGDNIK.M	28
PLOG-9545	proteomics_log	3468278	3468349	-	6	70	R.TTDVGTIELPEGVEM*VMPGDNIK.M	29
PLOG-9546	proteomics_log	3468278	3468349	-	6	371	R.TTDVGTIELPEGVEMVM*PGDNIK.M	29
PLOG-9547	proteomics_log	3468278	3468349	-	6	70	R.TTDVGTIELPEGVEM*VM*PGDNIK.M	30
PLOG-9548	proteomics_log	3468278	3468349	-	6	1008	R.TTDVGTIELPEGVEMVMPGDNIK.M	28
PLOG-9549	proteomics_log	3468278	3468358	-	6	2	F.YFRRTDVTGTIELPEGVEMVMPGDNIK.M	31
PLOG-9550	proteomics_log	3468278	3468358	-	6	2	F.YFRRTDVTGTIELPEGVEMVMPGDNIK.M	31
PLOG-9551	proteomics_log	3468278	3468376	-	6	7	K.GYRPQFYFRTTDVTGTIELPEGVEMVMPGDNIK.M	37
PLOG-9552	proteomics_log	3468278	3468376	-	6	7	K.GYRPQFYFRTTDVTGTIELPEGVEMVMPGDNIK.M	37
PLOG-9553	proteomics_log	3468302	3468349	-	6	81	R.TTDVGTIELPEGVEM.V	20
PLOG-9554	proteomics_log	3468302	3468349	-	6	81	R.TTDVGTIELPEGVEM*.V	21
PLOG-9555	proteomics_log	3468302	3468349	-	6	81	R.TTDVGTIELPEGVEM*.V	21
PLOG-9556	proteomics_log	3468302	3468349	-	6	81	R.TTDVGTIELPEGVEM.V	20
PLOG-9557	proteomics_log	3468350	3468376	-	6	147	K.GYRPQFYFR.T	13
PLOG-9558	proteomics_log	3468350	3468376	-	6	147	K.GYRPQFYFR.T	13
PLOG-9559	proteomics_log	3468350	3468394	-	6	11	R.HTPFFKGYRPQFYFR.T	19
PLOG-9560	proteomics_log	3468350	3468394	-	6	11	R.HTPFFKGYRPQFYFR.T	19
PLOG-9561	proteomics_log	3468350	3468439	-	6	23	K.FESEVYILSKDEGGRHTPFFKGYRPQFYFR.T	34
PLOG-9562	proteomics_log	3468350	3468439	-	6	23	K.FESEVYILSKDEGGRHTPFFKGYRPQFYFR.T	34
PLOG-9563	proteomics_log	3468356	3468409	-	6	2	K.DEGGRHTPFFKGYRPQFY.F	22

PLOG-9564	proteomics_log	3468356	3468409	-	6	2	K.DEGGRHTPFFKGYRPQY.F	22
PLOG-9565	proteomics_log	3468362	3468394	-	6	5	R.HTPFFKGYRPQ.F	15
PLOG-9566	proteomics_log	3468362	3468394	-	6	5	R.HTPFFKGYRPQ.F	15
PLOG-9567	proteomics_log	3468362	3468409	-	6	8	K.DEGGRHTPFFKGYRPQ.F	20
PLOG-9568	proteomics_log	3468362	3468409	-	6	8	K.DEGGRHTPFFKGYRPQ.F	20
PLOG-9569	proteomics_log	3468377	3468409	-	6	3	K.DEGGRHTPFFK.G	15
PLOG-9570	proteomics_log	3468377	3468409	-	6	3	K.DEGGRHTPFFK.G	15
PLOG-9571	proteomics_log	3468377	3468439	-	6	75	K.FESEVYILSKDEGGRHTPFFK.G	25
PLOG-9572	proteomics_log	3468377	3468439	-	6	75	K.FESEVYILSKDEGGRHTPFFK.G	25
PLOG-9573	proteomics_log	3468395	3468421	-	6	12	Y.ILSKDEGGR.H	13
PLOG-9574	proteomics_log	3468395	3468421	-	6	12	Y.ILSKDEGGR.H	13
PLOG-9575	proteomics_log	3468395	3468439	-	6	100	K.FESEVYILSKDEGGR.H	19
PLOG-9576	proteomics_log	3468395	3468439	-	6	100	K.FESEVYILSKDEGGR.H	19
PLOG-9577	proteomics_log	3468395	3468451	-	6	44	K.PHTKFESEVYILSKDEGGR.H	23
PLOG-9578	proteomics_log	3468395	3468451	-	6	44	K.PHTKFESEVYILSKDEGGR.H	23
PLOG-9579	proteomics_log	3468395	3468484	-	6	61	R.GQVLAKPGTIKPHTKFESEVYILSKDEGGR.H	34
PLOG-9580	proteomics_log	3468395	3468484	-	6	61	R.GQVLAKPGTIKPHTKFESEVYILSKDEGGR.H	34
PLOG-9581	proteomics_log	3468395	3468499	-	6	4	R.EEIERGQVLAKPGTIKPHTKFESEVYILSKDEGGR.H	39
PLOG-9582	proteomics_log	3468395	3468499	-	6	4	R.EEIERGQVLAKPGTIKPHTKFESEVYILSKDEGGR.H	39
PLOG-9583	proteomics_log	3468410	3468439	-	6	203	K.FESEVYILSK.D	14
PLOG-9584	proteomics_log	3468410	3468439	-	6	203	K.FESEVYILSK.D	14
PLOG-9585	proteomics_log	3468410	3468466	-	6	3	K.PGTIKPHTKFESEVYILSK.D	23
PLOG-9586	proteomics_log	3468410	3468466	-	6	3	K.PGTIKPHTKFESEVYILSK.D	23
PLOG-9587	proteomics_log	3468410	3468484	-	6	289	R.GQVLAKPGTIKPHTKFESEVYILSK.D	29
PLOG-9588	proteomics_log	3468410	3468484	-	6	289	R.GQVLAKPGTIKPHTKFESEVYILSK.D	29
PLOG-9589	proteomics_log	3468410	3468499	-	6	9	R.EEIERGQVLAKPGTIKPHTKFESEVYILSK.D	34
PLOG-9590	proteomics_log	3468410	3468499	-	6	9	R.EEIERGQVLAKPGTIKPHTKFESEVYILSK.D	34
PLOG-9591	proteomics_log	3468422	3468484	-	6	58	R.GQVLAKPGTIKPHTKFESEVY.I	25
PLOG-9592	proteomics_log	3468422	3468484	-	6	58	R.GQVLAKPGTIKPHTKFESEVY.I	25
PLOG-9593	proteomics_log	3468440	3468466	-	6	5	K.PGTIKPHTK.F	13
PLOG-9594	proteomics_log	3468440	3468466	-	6	5	K.PGTIKPHTK.F	13
PLOG-9595	proteomics_log	3468440	3468484	-	6	135	R.GQVLAKPGTIKPHTK.F	19
PLOG-9596	proteomics_log	3468440	3468484	-	6	135	R.GQVLAKPGTIKPHTK.F	19
PLOG-9597	proteomics_log	3468440	3468499	-	6	22	R.EEIERGQVLAKPGTIKPHTK.F	24
PLOG-9598	proteomics_log	3468440	3468499	-	6	22	R.EEIERGQVLAKPGTIKPHTK.F	24
PLOG-9599	proteomics_log	3468440	3468511	-	6	10	R.GIKREEIERGQVLAKPGTIKPHTK.F	28
PLOG-9600	proteomics_log	3468440	3468511	-	6	10	R.GIKREEIERGQVLAKPGTIKPHTK.F	28
PLOG-9601	proteomics_log	3468485	3468502	-	6	2	K.REEIER.G	10
PLOG-9602	proteomics_log	3468485	3468502	-	6	2	K.REEIER.G	10
PLOG-9603	proteomics_log	3468485	3468502	-	6	2	K.REEIER.G	10
PLOG-9604	proteomics_log	3468485	3468511	-	6	119	R.GIKREEIER.G	13
PLOG-9605	proteomics_log	3468485	3468511	-	6	119	R.GIKREEIER.G	13
PLOG-9606	proteomics_log	3468485	3468541	-	6	88	R.AGENVGVLLRGIKREEIER.G	23
PLOG-9607	proteomics_log	3468485	3468541	-	6	88	R.AGENVGVLLRGIKREEIER.G	23
PLOG-9608	proteomics_log	3468485	3468559	-	6	34	K.LLDEGRAGENVGVLLRGIKREEIER.G	29
PLOG-9609	proteomics_log	3468485	3468559	-	6	34	K.LLDEGRAGENVGVLLRGIKREEIER.G	29

PLOG-9610	proteomics_log	3468485	3468562	-	6	15	R.KLLDEGRAGENVGVLLRGIKREEIER.G	30
PLOG-9611	proteomics_log	3468485	3468562	-	6	15	R.KLLDEGRAGENVGVLLRGIKREEIER.G	30
PLOG-9612	proteomics_log	3468500	3468541	-	6	3	R.AGENVGVLLRGIKR.E	18
PLOG-9613	proteomics_log	3468500	3468541	-	6	3	R.AGENVGVLLRGIKR.E	18
PLOG-9614	proteomics_log	3468500	3468559	-	6	29	K.LLDEGRAGENVGVLLRGIKR.E	24
PLOG-9615	proteomics_log	3468500	3468559	-	6	29	K.LLDEGRAGENVGVLLRGIKR.E	24
PLOG-9616	proteomics_log	3468500	3468562	-	6	9	R.KLLDEGRAGENVGVLLRGIKR.E	25
PLOG-9617	proteomics_log	3468500	3468562	-	6	9	R.KLLDEGRAGENVGVLLRGIKR.E	25
PLOG-9618	proteomics_log	3468503	3468541	-	6	30	R.AGENVGVLLRGIK.R	17
PLOG-9619	proteomics_log	3468503	3468541	-	6	30	R.AGENVGVLLRGIK.R	17
PLOG-9620	proteomics_log	3468503	3468559	-	6	71	K.LLDEGRAGENVGVLLRGIK.R	23
PLOG-9621	proteomics_log	3468503	3468559	-	6	71	K.LLDEGRAGENVGVLLRGIK.R	23
PLOG-9622	proteomics_log	3468503	3468562	-	6	47	R.KLLDEGRAGENVGVLLRGIK.R	24
PLOG-9623	proteomics_log	3468503	3468562	-	6	47	R.KLLDEGRAGENVGVLLRGIK.R	24
PLOG-9624	proteomics_log	3468512	3468541	-	6	229	R.AGENVGVLLR.G	14
PLOG-9625	proteomics_log	3468512	3468541	-	6	229	R.AGENVGVLLR.G	14
PLOG-9626	proteomics_log	3468512	3468553	-	6	24	L.DEGRAGENVGVLLR.G	18
PLOG-9627	proteomics_log	3468512	3468553	-	6	24	L.DEGRAGENVGVLLR.G	18
PLOG-9628	proteomics_log	3468512	3468556	-	6	8	L.LDEGRAGENVGVLLR.G	19
PLOG-9629	proteomics_log	3468512	3468556	-	6	8	L.LDEGRAGENVGVLLR.G	19
PLOG-9630	proteomics_log	3468512	3468559	-	6	463	K.LLDEGRAGENVGVLLR.G	20
PLOG-9631	proteomics_log	3468512	3468559	-	6	463	K.LLDEGRAGENVGVLLR.G	20
PLOG-9632	proteomics_log	3468512	3468562	-	6	432	R.KLLDEGRAGENVGVLLR.G	21
PLOG-9633	proteomics_log	3468512	3468562	-	6	432	R.KLLDEGRAGENVGVLLR.G	21
PLOG-9634	proteomics_log	3468542	3468562	-	6	120	R.KLLDEGR.A	11
PLOG-9635	proteomics_log	3468542	3468562	-	6	120	R.KLLDEGR.A	11
PLOG-9636	proteomics_log	3468560	3468592	-	6	10	K.STCTGVEMFRK.L	15
PLOG-9637	proteomics_log	3468560	3468592	-	6	10	K.STCTGVEMFRK.L	15
PLOG-9638	proteomics_log	3468560	3468637	-	6	10	K.VGEEVEIVGIKETQKSTCTGVEMFRK.L	30
PLOG-9639	proteomics_log	3468560	3468637	-	6	10	K.VGEEVEIVGIKETQKSTCTGVEMFRK.L	30
PLOG-9640	proteomics_log	3468560	3468649	-	6	11	R.GIIKVGEEVEIVGIKETQKSTCTGVEMFRK.L	34
PLOG-9641	proteomics_log	3468560	3468649	-	6	11	R.GIIKVGEEVEIVGIKETQKSTCTGVEMFRK.L	34
PLOG-9642	proteomics_log	3468563	3468592	-	6	3	K.STCTGVEMFR.K	14
PLOG-9643	proteomics_log	3468563	3468592	-	6	3	K.STCTGVEMFR.K	14
PLOG-9644	proteomics_log	3468563	3468637	-	6	8	K.VGEEVEIVGIKETQKSTCTGVEMFR.K	29
PLOG-9645	proteomics_log	3468563	3468637	-	6	8	K.VGEEVEIVGIKETQKSTCTGVEMFR.K	29
PLOG-9646	proteomics_log	3468563	3468649	-	6	14	R.GIIKVGEEVEIVGIKETQKSTCTGVEMFR.K	33
PLOG-9647	proteomics_log	3468563	3468649	-	6	14	R.GIIKVGEEVEIVGIKETQKSTCTGVEMFR.K	33
PLOG-9648	proteomics_log	3468587	3468649	-	6	86	R.GIIKVGEEVEIVGIKETQKST.C	25
PLOG-9649	proteomics_log	3468587	3468649	-	6	86	R.GIIKVGEEVEIVGIKETQKST.C	25
PLOG-9650	proteomics_log	3468593	3468634	-	6	6	V.GEEVEIVGIKETQK.S	18
PLOG-9651	proteomics_log	3468593	3468634	-	6	6	V.GEEVEIVGIKETQK.S	18
PLOG-9652	proteomics_log	3468593	3468637	-	6	336	K.VGEEVEIVGIKETQK.S	19
PLOG-9653	proteomics_log	3468593	3468637	-	6	336	K.VGEEVEIVGIKETQK.S	19
PLOG-9654	proteomics_log	3468593	3468649	-	6	924	R.GIIKVGEEVEIVGIKETQK.S	23
PLOG-9655	proteomics_log	3468593	3468649	-	6	924	R.GIIKVGEEVEIVGIKETQK.S	23



PLOG-9656	proteomics_log	3468593	3468658	-	6	164	R.VERGIKVGEEVEIVGIKETQK.S	26
PLOG-9657	proteomics_log	3468593	3468658	-	6	164	R.VERGIKVGEEVEIVGIKETQK.S	26
PLOG-9658	proteomics_log	3468593	3468679	-	6	65	R.GTVVTGRVERGIKVGEEVEIVGIKETQK.S	33
PLOG-9659	proteomics_log	3468593	3468679	-	6	65	R.GTVVTGRVERGIKVGEEVEIVGIKETQK.S	33
PLOG-9660	proteomics_log	3468605	3468637	-	6	36	K.VGEEVEIVGIK.E	15
PLOG-9661	proteomics_log	3468605	3468637	-	6	36	K.VGEEVEIVGIK.E	15
PLOG-9662	proteomics_log	3468605	3468649	-	6	91	R.GIIKVGEEVEIVGIK.E	19
PLOG-9663	proteomics_log	3468605	3468649	-	6	91	R.GIIKVGEEVEIVGIK.E	19
PLOG-9664	proteomics_log	3468650	3468679	-	6	17	R.GTVVTGRVER.G	14
PLOG-9665	proteomics_log	3468650	3468679	-	6	17	R.GTVVTGRVER.G	14
PLOG-9666	proteomics_log	3468650	3468712	-	6	2	L.PIEDVFSISGRGTVVTGRVER.G	25
PLOG-9667	proteomics_log	3468650	3468712	-	6	2	L.PIEDVFSISGRGTVVTGRVER.G	25
PLOG-9668	proteomics_log	3468650	3468736	-	6	99	R.AIDKPFLPIEDVFSISGRGTVVTGRVER.G	33
PLOG-9669	proteomics_log	3468650	3468736	-	6	99	R.AIDKPFLPIEDVFSISGRGTVVTGRVER.G	33
PLOG-9670	proteomics_log	3468659	3468694	-	6	4	F.SISGRGTVVTGR.V	16
PLOG-9671	proteomics_log	3468659	3468694	-	6	4	F.SISGRGTVVTGR.V	16
PLOG-9672	proteomics_log	3468659	3468736	-	6	56	R.AIDKPFLPIEDVFSISGRGTVVTGR.V	30
PLOG-9673	proteomics_log	3468659	3468736	-	6	56	R.AIDKPFLPIEDVFSISGRGTVVTGR.V	30
PLOG-9674	proteomics_log	3468659	3468787	-	6	126	K.ILELAGFLDSYIPEPERAIDKPFLPIEDVFSISGRGTVVTGR.V	47
PLOG-9675	proteomics_log	3468659	3468787	-	6	126	K.ILELAGFLDSYIPEPERAIDKPFLPIEDVFSISGRGTVVTGR.V	47
PLOG-9676	proteomics_log	3468680	3468712	-	6	56	L.PIEDVFSISGR.G	15
PLOG-9677	proteomics_log	3468680	3468712	-	6	56	L.PIEDVFSISGR.G	15
PLOG-9678	proteomics_log	3468680	3468718	-	6	24	F.LLPIEDVFSISGR.G	17
PLOG-9679	proteomics_log	3468680	3468718	-	6	24	F.LLPIEDVFSISGR.G	17
PLOG-9680	proteomics_log	3468680	3468727	-	6	3	D.KPFLPIEDVFSISGR.G	20
PLOG-9681	proteomics_log	3468680	3468727	-	6	3	D.KPFLPIEDVFSISGR.G	20
PLOG-9682	proteomics_log	3468680	3468736	-	6	962	R.AIDKPFLPIEDVFSISGR.G	23
PLOG-9683	proteomics_log	3468680	3468736	-	6	962	R.AIDKPFLPIEDVFSISGR.G	23
PLOG-9684	proteomics_log	3468680	3468748	-	6	53	P.EPERAIDKPFLPIEDVFSISGR.G	27
PLOG-9685	proteomics_log	3468680	3468748	-	6	53	P.EPERAIDKPFLPIEDVFSISGR.G	27
PLOG-9686	proteomics_log	3468680	3468751	-	6	8	I.PEPERAIDKPFLPIEDVFSISGR.G	28
PLOG-9687	proteomics_log	3468680	3468751	-	6	8	I.PEPERAIDKPFLPIEDVFSISGR.G	28
PLOG-9688	proteomics_log	3468680	3468763	-	6	4	L.DSYIPEPERAIDKPFLPIEDVFSISGR.G	32
PLOG-9689	proteomics_log	3468680	3468763	-	6	4	L.DSYIPEPERAIDKPFLPIEDVFSISGR.G	32
PLOG-9690	proteomics_log	3468680	3468766	-	6	4	F.LDSYIPEPERAIDKPFLPIEDVFSISGR.G	33
PLOG-9691	proteomics_log	3468680	3468766	-	6	4	F.LDSYIPEPERAIDKPFLPIEDVFSISGR.G	33
PLOG-9692	proteomics_log	3468680	3468769	-	6	8	G.FLDSYIPEPERAIDKPFLPIEDVFSISGR.G	34
PLOG-9693	proteomics_log	3468680	3468769	-	6	8	G.FLDSYIPEPERAIDKPFLPIEDVFSISGR.G	34
PLOG-9694	proteomics_log	3468680	3468772	-	6	5	A.GFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	35
PLOG-9695	proteomics_log	3468680	3468772	-	6	5	A.GFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	35
PLOG-9696	proteomics_log	3468680	3468775	-	6	2	L.AGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	36
PLOG-9697	proteomics_log	3468680	3468775	-	6	2	L.AGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	36
PLOG-9698	proteomics_log	3468680	3468778	-	6	29	E.LAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	37
PLOG-9699	proteomics_log	3468680	3468778	-	6	29	E.LAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	37
PLOG-9700	proteomics_log	3468680	3468784	-	6	99	I.LELAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	39
PLOG-9701	proteomics_log	3468680	3468784	-	6	99	I.LELAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	39

PLOG-9702	proteomics_log	3468680	3468787	-	6	683	K.ILELAGFLDSYIPEPERAIDKPFLLPIEDVFSISGR.G	40
PLOG-9703	proteomics_log	3468680	3468787	-	6	683	K.ILELAGFLDSYIPEPERAIDKPFLLPIEDVFSISGR.G	40
PLOG-9704	proteomics_log	3468683	3468736	-	6	2	R.AIDKPFLLPIEDVFSISG.R	22
PLOG-9705	proteomics_log	3468683	3468736	-	6	2	R.AIDKPFLLPIEDVFSISG.R	22
PLOG-9706	proteomics_log	3468689	3468736	-	6	3	R.AIDKPFLLPIEDVFSI.S	20
PLOG-9707	proteomics_log	3468689	3468736	-	6	3	R.AIDKPFLLPIEDVFSI.S	20
PLOG-9708	proteomics_log	3468695	3468736	-	6	46	R.AIDKPFLLPIEDVF.S	18
PLOG-9709	proteomics_log	3468695	3468736	-	6	46	R.AIDKPFLLPIEDVF.S	18
PLOG-9710	proteomics_log	3468695	3468787	-	6	27	K.ILELAGFLDSYIPEPERAIDKPFLLPIEDVF.S	35
PLOG-9711	proteomics_log	3468695	3468787	-	6	27	K.ILELAGFLDSYIPEPERAIDKPFLLPIEDVF.S	35
PLOG-9712	proteomics_log	3468737	3468778	-	6	2	E.LAGFLDSYIPEPER.A	18
PLOG-9713	proteomics_log	3468737	3468778	-	6	2	E.LAGFLDSYIPEPER.A	18
PLOG-9714	proteomics_log	3468737	3468787	-	6	906	K.ILELAGFLDSYIPEPER.A	21
PLOG-9715	proteomics_log	3468737	3468787	-	6	906	K.ILELAGFLDSYIPEPER.A	21
PLOG-9716	proteomics_log	3468737	3468820	-	6	184	K.ALEGDAEWEAKILELAGFLDSYIPEPER.A	32
PLOG-9717	proteomics_log	3468737	3468820	-	6	184	K.ALEGDAEWEAKILELAGFLDSYIPEPER.A	32
PLOG-9718	proteomics_log	3468737	3468835	-	6	318	R.GSALKALEGDAEWEAKILELAGFLDSYIPEPER.A	37
PLOG-9719	proteomics_log	3468737	3468835	-	6	318	R.GSALKALEGDAEWEAKILELAGFLDSYIPEPER.A	37
PLOG-9720	proteomics_log	3468788	3468820	-	6	291	K.ALEGDAEWEAK.I	15
PLOG-9721	proteomics_log	3468788	3468820	-	6	291	K.ALEGDAEWEAK.I	15
PLOG-9722	proteomics_log	3468788	3468835	-	6	483	R.GSALKALEGDAEWEAK.I	20
PLOG-9723	proteomics_log	3468788	3468835	-	6	483	R.GSALKALEGDAEWEAK.I	20
PLOG-9724	proteomics_log	3468821	3468886	-	6	28	R.ELLSQYDFPGDDTPIVRGSALK.A	26
PLOG-9725	proteomics_log	3468821	3468886	-	6	28	R.ELLSQYDFPGDDTPIVRGSALK.A	26
PLOG-9726	proteomics_log	3468821	3468940	-	6	4	K.CDMVDDEELLELVEMEVRELLSQYDFPGDDTPIVRGSALK.A	44
PLOG-9727	proteomics_log	3468821	3468940	-	6	4	K.CDMVDDEELLELVEMEVRELLSQYDFPGDDTPIVRGSALK.A	44
PLOG-9728	proteomics_log	3468836	3468883	-	6	2	E.LLSQYDFPGDDTPIVR.G	20
PLOG-9729	proteomics_log	3468836	3468883	-	6	2	E.LLSQYDFPGDDTPIVR.G	20
PLOG-9730	proteomics_log	3468836	3468886	-	6	411	R.ELLSQYDFPGDDTPIVR.G	21
PLOG-9731	proteomics_log	3468836	3468886	-	6	411	R.ELLSQYDFPGDDTPIVR.G	21
PLOG-9732	proteomics_log	3468836	3468907	-	6	98	E.LVEMEVRELLSQYDFPGDDTPIVR.G	28
PLOG-9733	proteomics_log	3468836	3468907	-	6	98	E.LVEMEVRELLSQYDFPGDDTPIVR.G	28
PLOG-9734	proteomics_log	3468836	3468910	-	6	3	L.ELVEMEVRELLSQYDFPGDDTPIVR.G	29
PLOG-9735	proteomics_log	3468836	3468910	-	6	3	L.ELVEMEVRELLSQYDFPGDDTPIVR.G	29
PLOG-9736	proteomics_log	3468836	3468937	-	6	2	C.DM*VDDEELLELVEM*EVRELLSQYDFPGDDTPIVR.G	40
PLOG-9737	proteomics_log	3468836	3468937	-	6	7	C.DMVDDEELLELVEMEVRELLSQYDFPGDDTPIVR.G	38
PLOG-9738	proteomics_log	3468836	3468937	-	6	2	C.DM*VDDEELLELVEM*EVRELLSQYDFPGDDTPIVR.G	40
PLOG-9739	proteomics_log	3468836	3468937	-	6	7	C.DMVDDEELLELVEMEVRELLSQYDFPGDDTPIVR.G	38
PLOG-9740	proteomics_log	3468836	3468940	-	6	3	K.CDMVDDEELLELVEMEVRELLSQYDFPGDDTPIVR.G	39
PLOG-9741	proteomics_log	3468836	3468940	-	6	3	K.CDMVDDEELLELVEMEVRELLSQYDFPGDDTPIVR.G	39
PLOG-9742	proteomics_log	3468887	3468937	-	6	3	C.DMVDDEELLELVEM*EVR.E	22
PLOG-9743	proteomics_log	3468887	3468937	-	6	3	C.DM*VDDEELLELVEM*EVR.E	23
PLOG-9744	proteomics_log	3468887	3468937	-	6	3	C.DMVDDEELLELVEM*EVR.E	22
PLOG-9745	proteomics_log	3468887	3468937	-	6	3	C.DM*VDDEELLELVEM*EVR.E	23
PLOG-9746	proteomics_log	3468887	3468979	-	6	7	R.QVGVPIIVFLNKCDMVDDEELLELVEMEVR.E	35
PLOG-9747	proteomics_log	3468887	3468979	-	6	7	R.QVGVPIIVFLNKCDMVDDEELLELVEMEVR.E	35

PLOG-9748	proteomics_log	3468941	3468979	-	6	191	R.QVGVPIIVFLNK.C	17
PLOG-9749	proteomics_log	3468941	3468979	-	6	191	R.QVGVPIIVFLNK.C	17
PLOG-9750	proteomics_log	3468941	3469000	-	6	31	R.EHILLGRQVGVPIIVFLNK.C	24
PLOG-9751	proteomics_log	3468941	3469000	-	6	31	R.EHILLGRQVGVPIIVFLNK.C	24
PLOG-9752	proteomics_log	3468980	3469000	-	6	212	R.EHILLGR.Q	11
PLOG-9753	proteomics_log	3468980	3469000	-	6	212	R.EHILLGR.Q	11
PLOG-9754	proteomics_log	3468980	3469081	-	6	3	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTREHILLGR.Q	41
PLOG-9755	proteomics_log	3468980	3469081	-	6	45	K.NMITGAAQMDGAILVVAATDGMPQTREHILLGR.Q	38
PLOG-9756	proteomics_log	3468980	3469081	-	6	3	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTREHILLGR.Q	41
PLOG-9757	proteomics_log	3468980	3469081	-	6	45	K.NMITGAAQMDGAILVVAATDGMPQTREHILLGR.Q	38
PLOG-9758	proteomics_log	3469001	3469033	-	6	2	V.AATDGPM*PQTR.E	16
PLOG-9759	proteomics_log	3469001	3469033	-	6	2	V.AATDGPM*PQTR.E	16
PLOG-9760	proteomics_log	3469001	3469036	-	6	2	V.VAATDGPM*PQTR.E	17
PLOG-9761	proteomics_log	3469001	3469036	-	6	2	V.VAATDGPM*PQTR.E	17
PLOG-9762	proteomics_log	3469001	3469039	-	6	3	L.VVAATDGPM*PQTR.E	18
PLOG-9763	proteomics_log	3469001	3469039	-	6	8	L.VVAATDGMPQTR.E	17
PLOG-9764	proteomics_log	3469001	3469039	-	6	3	L.VVAATDGPM*PQTR.E	18
PLOG-9765	proteomics_log	3469001	3469039	-	6	8	L.VVAATDGMPQTR.E	17
PLOG-9766	proteomics_log	3469001	3469081	-	6	2	K.NM*ITGAAQMDGAILVVAATDGPM*PQTR.E	33
PLOG-9767	proteomics_log	3469001	3469081	-	6	3	K.NM*ITGAAQMDGAILVVAATDGMPQTR.E	32
PLOG-9768	proteomics_log	3469001	3469081	-	6	3	K.NM*ITGAAQM*DGAILVVAATDGMPQTR.E	33
PLOG-9769	proteomics_log	3469001	3469081	-	6	8	K.NMITGAAQMDGAILVVAATDGPM*PQTR.E	32
PLOG-9770	proteomics_log	3469001	3469081	-	6	10	K.NMITGAAQM*DGAILVVAATDGMPQTR.E	32
PLOG-9771	proteomics_log	3469001	3469081	-	6	2	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTR.E	34
PLOG-9772	proteomics_log	3469001	3469081	-	6	1593	K.NMITGAAQMDGAILVVAATDGMPQTR.E	31
PLOG-9773	proteomics_log	3469001	3469081	-	6	2	K.NM*ITGAAQMDGAILVVAATDGPM*PQTR.E	33
PLOG-9774	proteomics_log	3469001	3469081	-	6	3	K.NM*ITGAAQMDGAILVVAATDGMPQTR.E	32
PLOG-9775	proteomics_log	3469001	3469081	-	6	3	K.NM*ITGAAQM*DGAILVVAATDGMPQTR.E	33
PLOG-9776	proteomics_log	3469001	3469081	-	6	8	K.NMITGAAQMDGAILVVAATDGPM*PQTR.E	32
PLOG-9777	proteomics_log	3469001	3469081	-	6	10	K.NMITGAAQM*DGAILVVAATDGMPQTR.E	32
PLOG-9778	proteomics_log	3469001	3469081	-	6	2	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTR.E	34
PLOG-9779	proteomics_log	3469001	3469081	-	6	1593	K.NMITGAAQMDGAILVVAATDGMPQTR.E	31
PLOG-9780	proteomics_log	3469052	3469081	-	6	2	K.NM*ITGAAQM*D.G	16
PLOG-9781	proteomics_log	3469052	3469081	-	6	2	K.NM*ITGAAQM*D.G	16
PLOG-9782	proteomics_log	3469082	3469126	-	6	15	R.HYAHVDCPGHADYVK.N	19
PLOG-9783	proteomics_log	3469082	3469126	-	6	15	R.HYAHVDCPGHADYVK.N	19
PLOG-9784	proteomics_log	3469082	3469174	-	6	10	R.GITINTSHVEYDTPTRHYAHVDCPGHADYVK.N	35
PLOG-9785	proteomics_log	3469082	3469174	-	6	10	R.GITINTSHVEYDTPTRHYAHVDCPGHADYVK.N	35
PLOG-9786	proteomics_log	3469109	3469174	-	6	59	R.GITINTSHVEYDTPTRHYAHVD.C	26
PLOG-9787	proteomics_log	3469109	3469174	-	6	59	R.GITINTSHVEYDTPTRHYAHVD.C	26
PLOG-9788	proteomics_log	3469124	3469174	-	6	4	R.GITINTSHVEYDTPTRH.Y	21
PLOG-9789	proteomics_log	3469124	3469174	-	6	4	R.GITINTSHVEYDTPTRH.Y	21
PLOG-9790	proteomics_log	3469127	3469168	-	6	39	I.TINTSHVEYDTPTR.H	18
PLOG-9791	proteomics_log	3469127	3469168	-	6	39	I.TINTSHVEYDTPTR.H	18
PLOG-9792	proteomics_log	3469127	3469174	-	6	452	R.GITINTSHVEYDTPTR.H	20
PLOG-9793	proteomics_log	3469127	3469174	-	6	452	R.GITINTSHVEYDTPTR.H	20

PLOG-9794	proteomics_log	3469127	3469180	-	6	250	K.ARGITINTSHVEYDTPTR.H	22
PLOG-9795	proteomics_log	3469127	3469180	-	6	250	K.ARGITINTSHVEYDTPTR.H	22
PLOG-9796	proteomics_log	3469175	3469204	-	6	22	Q.IDNAPEEKAR.G	14
PLOG-9797	proteomics_log	3469175	3469204	-	6	22	Q.IDNAPEEKAR.G	14
PLOG-9798	proteomics_log	3469175	3469210	-	6	24	F.DQIDNAPEEKAR.G	16
PLOG-9799	proteomics_log	3469175	3469210	-	6	24	F.DQIDNAPEEKAR.G	16
PLOG-9800	proteomics_log	3469175	3469213	-	6	2	A.FDQIDNAPEEKAR.G	17
PLOG-9801	proteomics_log	3469175	3469213	-	6	2	A.FDQIDNAPEEKAR.G	17
PLOG-9802	proteomics_log	3469175	3469216	-	6	455	R.AFDQIDNAPEEKAR.G	18
PLOG-9803	proteomics_log	3469175	3469216	-	6	455	R.AFDQIDNAPEEKAR.G	18
PLOG-9804	proteomics_log	3469175	3469237	-	6	42	K.TYGGAAARAFDQIDNAPEEKAR.G	25
PLOG-9805	proteomics_log	3469175	3469237	-	6	42	K.TYGGAAARAFDQIDNAPEEKAR.G	25
PLOG-9806	proteomics_log	3469175	3469240	-	6	3	A.KTYGGAARAFDQIDNAPEEKAR.G	26
PLOG-9807	proteomics_log	3469175	3469240	-	6	3	A.KTYGGAARAFDQIDNAPEEKAR.G	26
PLOG-9808	proteomics_log	3469181	3469213	-	6	7	A.FDQIDNAPEEK.A	15
PLOG-9809	proteomics_log	3469181	3469213	-	6	7	A.FDQIDNAPEEK.A	15
PLOG-9810	proteomics_log	3469181	3469216	-	6	625	R.AFDQIDNAPEEK.A	16
PLOG-9811	proteomics_log	3469181	3469216	-	6	625	R.AFDQIDNAPEEK.A	16
PLOG-9812	proteomics_log	3469181	3469237	-	6	6	K.TYGGAAARAFDQIDNAPEEK.A	23
PLOG-9813	proteomics_log	3469181	3469237	-	6	6	K.TYGGAAARAFDQIDNAPEEK.A	23
PLOG-9814	proteomics_log	3469187	3469216	-	6	17	R.AFDQIDNAPE.E	14
PLOG-9815	proteomics_log	3469187	3469216	-	6	17	R.AFDQIDNAPE.E	14
PLOG-9816	proteomics_log	3469217	3469273	-	6	3	T.TLTAAITTVLAKTYGGAAR.A	23
PLOG-9817	proteomics_log	3469217	3469273	-	6	3	T.TLTAAITTVLAKTYGGAAR.A	23
PLOG-9818	proteomics_log	3469217	3469276	-	6	247	K.TTLTAAITTVLAKTYGGAAR.A	24
PLOG-9819	proteomics_log	3469217	3469276	-	6	247	K.TTLTAAITTVLAKTYGGAAR.A	24
PLOG-9820	proteomics_log	3469217	3469321	-	6	25	K.PHVNVGTIGHVDHGKTTLTAAITTVLAKTYGGAAR.A	39
PLOG-9821	proteomics_log	3469217	3469321	-	6	25	K.PHVNVGTIGHVDHGKTTLTAAITTVLAKTYGGAAR.A	39
PLOG-9822	proteomics_log	3469217	3469327	-	6	49	R.TKPHVNVGTIGHVDHGKTTLTAAITTVLAKTYGGAAR.A	41
PLOG-9823	proteomics_log	3469217	3469327	-	6	49	R.TKPHVNVGTIGHVDHGKTTLTAAITTVLAKTYGGAAR.A	41
PLOG-9824	proteomics_log	3469238	3469276	-	6	713	K.TTLTAAITTVLAK.T	17
PLOG-9825	proteomics_log	3469238	3469276	-	6	713	K.TTLTAAITTVLAK.T	17
PLOG-9826	proteomics_log	3469238	3469297	-	6	12	I.GHVDHGKTTLTAAITTVLAK.T	24
PLOG-9827	proteomics_log	3469238	3469297	-	6	12	I.GHVDHGKTTLTAAITTVLAK.T	24
PLOG-9828	proteomics_log	3469238	3469306	-	6	2	V.GTIGHVDHGKTTLTAAITTVLAK.T	27
PLOG-9829	proteomics_log	3469238	3469306	-	6	2	V.GTIGHVDHGKTTLTAAITTVLAK.T	27
PLOG-9830	proteomics_log	3469238	3469327	-	6	526	R.TKPHVNVGTIGHVDHGKTTLTAAITTVLAK.T	34
PLOG-9831	proteomics_log	3469238	3469327	-	6	526	R.TKPHVNVGTIGHVDHGKTTLTAAITTVLAK.T	34
PLOG-9832	proteomics_log	3469238	3469336	-	6	8	K.FERTKPHVNVGTIGHVDHGKTTLTAAITTVLAK.T	37
PLOG-9833	proteomics_log	3469238	3469336	-	6	8	K.FERTKPHVNVGTIGHVDHGKTTLTAAITTVLAK.T	37
PLOG-9834	proteomics_log	3469265	3469327	-	6	3	R.TKPHVNVGTIGHVDHGKTTLT.A	25
PLOG-9835	proteomics_log	3469265	3469327	-	6	3	R.TKPHVNVGTIGHVDHGKTTLT.A	25
PLOG-9836	proteomics_log	3469277	3469321	-	6	2	K.PHVNVGTIGHVDHGK.T	19
PLOG-9837	proteomics_log	3469277	3469321	-	6	2	K.PHVNVGTIGHVDHGK.T	19
PLOG-9838	proteomics_log	3469277	3469327	-	6	225	R.TKPHVNVGTIGHVDHGK.T	21
PLOG-9839	proteomics_log	3469277	3469327	-	6	225	R.TKPHVNVGTIGHVDHGK.T	21

PLOG-9840	proteomics_log	3469283	3469327	-	6	8	R.TKPHVNVGTIGHVDH.G	19
PLOG-9841	proteomics_log	3469283	3469327	-	6	8	R.TKPHVNVGTIGHVDH.G	19
PLOG-9842	proteomics_log	3469425	3469505	-	4	87	R.ASYTMEFLKYDEAPSNVAQAVIEARGK.-	31
PLOG-9843	proteomics_log	3469425	3469511	-	4	3	K.GRASYTMEFLKYDEAPSNVAQAVIEARGK.-	33
PLOG-9844	proteomics_log	3469431	3469478	-	4	254	K.YDEAPSNVAQAVIEAR.G	20
PLOG-9845	proteomics_log	3469431	3469505	-	4	70	R.ASYTM*EFLKYDEAPSNVAQAVIEAR.G	30
PLOG-9846	proteomics_log	3469431	3469505	-	4	582	R.ASYTMEFLKYDEAPSNVAQAVIEAR.G	29
PLOG-9847	proteomics_log	3469431	3469511	-	4	7	K.GRASYTMEFLKYDEAPSNVAQAVIEAR.G	32
PLOG-9848	proteomics_log	3469431	3469511	-	4	153	K.GRASYTMEFLKYDEAPSNVAQAVIEAR.G	31
PLOG-9849	proteomics_log	3469431	3469523	-	4	56	R.SLTKGRASYTMEFLKYDEAPSNVAQAVIEAR.G	35
PLOG-9850	proteomics_log	3469479	3469505	-	4	3	R.ASYTM*EFLK.Y	14
PLOG-9851	proteomics_log	3469479	3469505	-	4	76	R.ASYTMEFLK.Y	13
PLOG-9852	proteomics_log	3469524	3469577	-	4	16	K.IHAEVPLSEM*FGYATQLR.S	23
PLOG-9853	proteomics_log	3469524	3469577	-	4	496	K.IHAEVPLSEMFGYATQLR.S	22
PLOG-9854	proteomics_log	3469524	3469607	-	4	114	K.GQESEVTGVKIHAEVPLSEMFGYATQLR.S	32
PLOG-9855	proteomics_log	3469524	3469619	-	4	2	R.GMLKGQESEVTGVKIHAEVPLSEM*FGYATQLR.S	37
PLOG-9856	proteomics_log	3469524	3469619	-	4	2	R.GM*LKGQESEVTGVKIHAEVPLSEM*FGYATQLR.S	38
PLOG-9857	proteomics_log	3469524	3469619	-	4	10	R.GM*LKGQESEVTGVKIHAEVPLSEMFGYATQLR.S	37
PLOG-9858	proteomics_log	3469524	3469619	-	4	224	R.GMLKGQESEVTGVKIHAEVPLSEMFGYATQLR.S	36
PLOG-9859	proteomics_log	3469524	3469622	-	4	4	R.RGM*LKGQESEVTGVKIHAEVPLSEMFGYATQLR.S	38
PLOG-9860	proteomics_log	3469524	3469622	-	4	4	R.RGM*LKGQESEVTGVKIHAEVPLSEM*FGYATQLR.S	39
PLOG-9861	proteomics_log	3469524	3469622	-	4	13	R.RGMLKGQESEVTGVKIHAEVPLSEMFGYATQLR.S	37
PLOG-9862	proteomics_log	3469524	3469625	-	4	7	R.RGMLKGQESEVTGVKIHAEVPLSEMFGYATQLR.S	38
PLOG-9863	proteomics_log	3469578	3469607	-	4	39	K.GQESEVTGVK.I	14
PLOG-9864	proteomics_log	3469578	3469619	-	4	14	R.GM*LKGQESEVTGVK.I	19
PLOG-9865	proteomics_log	3469578	3469619	-	4	237	R.GMLKGQESEVTGVK.I	18
PLOG-9866	proteomics_log	3469578	3469622	-	4	4	R.RGM*LKGQESEVTGVK.I	20
PLOG-9867	proteomics_log	3469578	3469622	-	4	41	R.RGMLKGQESEVTGVK.I	19
PLOG-9868	proteomics_log	3469578	3469625	-	4	41	R.RGMLKGQESEVTGVK.I	20
PLOG-9869	proteomics_log	3469623	3469682	-	4	2	K.VEVETPEENTGDVIGDLSRR.R	24
PLOG-9870	proteomics_log	3469623	3469715	-	4	18	K.AKPVLLEPIMKVEVETPEENTGDVIGDLSRR.R	35
PLOG-9871	proteomics_log	3469626	3469682	-	4	295	K.VEVETPEENTGDVIGDLSR.R	23
PLOG-9872	proteomics_log	3469626	3469685	-	4	245	M.KVEVETPEENTGDVIGDLSR.R	24
PLOG-9873	proteomics_log	3469626	3469688	-	4	6	I.M*KVEVETPEENTGDVIGDLSR.R	26
PLOG-9874	proteomics_log	3469626	3469715	-	4	26	K.AKPVLLEPIM*KVEVETPEENTGDVIGDLSR.R	35
PLOG-9875	proteomics_log	3469626	3469715	-	4	343	K.AKPVLLEPIMKVEVETPEENTGDVIGDLSR.R	34
PLOG-9876	proteomics_log	3469626	3469718	-	4	4	K.KAKPVLLEPIM*KVEVETPEENTGDVIGDLSR.R	36
PLOG-9877	proteomics_log	3469626	3469718	-	4	69	K.KAKPVLLEPIMKVEVETPEENTGDVIGDLSR.R	35
PLOG-9878	proteomics_log	3469626	3469754	-	4	2	K.LAASIAFKEGFKKAKPVLLEPIMKVEVETPEENTGDVIGDLSR.R	47
PLOG-9879	proteomics_log	3469683	3469715	-	4	6	K.AKPVLLEPIM*K.V	16
PLOG-9880	proteomics_log	3469683	3469715	-	4	16	K.AKPVLLEPIMK.V	15
PLOG-9881	proteomics_log	3469683	3469718	-	4	6	K.KAKPVLLEPIM*K.V	17
PLOG-9882	proteomics_log	3469683	3469718	-	4	46	K.KAKPVLLEPIMK.V	16
PLOG-9883	proteomics_log	3469716	3469754	-	4	99	K.LAASIAFKEGFKK.A	17
PLOG-9884	proteomics_log	3469716	3469805	-	4	113	R.LHFGSYHDVDSSELAFKLAASIAFKEGFKK.A	34
PLOG-9885	proteomics_log	3469719	3469754	-	4	7	K.LAASIAFKEGFK.K	16

PLOG-9886	proteomics_log	3469719	3469805	-	4	44	R.LHFGSYHDVDSSELAFKLAASIAFKEGFK.K	33
PLOG-9887	proteomics_log	3469731	3469754	-	4	11	K.LAASIAFK.E	12
PLOG-9888	proteomics_log	3469731	3469805	-	4	19	R.LHFGSYHDVDSSELAFKLAASIAFK.E	29
PLOG-9889	proteomics_log	3469755	3469784	-	4	2	H.DVDSSELAFK.L	14
PLOG-9890	proteomics_log	3469755	3469805	-	4	279	R.LHFGSYHDVDSSELAFK.L	21
PLOG-9891	proteomics_log	3469806	3469850	-	4	6	K.AGPLAGYPVDM*GIR.L	20
PLOG-9892	proteomics_log	3469806	3469850	-	4	306	K.AGPLAGYPVDMGIR.L	19
PLOG-9893	proteomics_log	3469806	3469871	-	4	3	K.GIQEQLKAGPLAGYPVDMGIR.L	26
PLOG-9894	proteomics_log	3469806	3469907	-	4	5	G.VIPGEYIPAVDKGIQEQLKAGPLAGYPVDMGIR.L	38
PLOG-9895	proteomics_log	3469806	3469913	-	4	14	K.GGVIPGEYIPAVDKGIQEQLKAGPLAGYPVDMGIR.L	40
PLOG-9896	proteomics_log	3469806	3469940	-	4	3	K.GYEFINDIKGGVIPGEYIPAVDKGIQEQLKAGPLAGYPVDM*GIR.L	50
PLOG-9897	proteomics_log	3469806	3469940	-	4	7	K.GYEFINDIKGGVIPGEYIPAVDKGIQEQLKAGPLAGYPVDMGIR.L	49
PLOG-9898	proteomics_log	3469851	3469940	-	4	171	K.GYEFINDIKGGVIPGEYIPAVDKGIQEQLK.A	34
PLOG-9899	proteomics_log	3469872	3469913	-	4	3	K.GGVIPGEYIPAVDK.G	18
PLOG-9900	proteomics_log	3469872	3469940	-	4	4	K.GYEFINDIKGGVIPGEYIPAVDK.G	27
PLOG-9901	proteomics_log	3469914	3469940	-	4	60	K.GYEFINDIK.G	13
PLOG-9902	proteomics_log	3469941	3470000	-	4	50	R.GQYGHVVIDMYPLEPGSNPK.G	24
PLOG-9903	proteomics_log	3469941	3470015	-	4	2	K.QSGGRQYGHVVIDM*YPLEPGSNPK.G	30
PLOG-9904	proteomics_log	3469941	3470015	-	4	112	K.QSGGRQYGHVVIDMYPLEPGSNPK.G	29
PLOG-9905	proteomics_log	3470001	3470051	-	4	4	R.QKVTDVEGKHAKQSGGR.G	21
PLOG-9906	proteomics_log	3470016	3470045	-	4	142	K.VTDVEGKHAK.Q	14
PLOG-9907	proteomics_log	3470016	3470051	-	4	38	R.QKVTDVEGKHAK.Q	16
PLOG-9908	proteomics_log	3470016	3470063	-	4	2	R.ETIRQKVTDVEGKHAK.Q	20
PLOG-9909	proteomics_log	3470025	3470045	-	4	4	K.VTDVEGK.H	11
PLOG-9910	proteomics_log	3470025	3470051	-	4	4	R.QKVTDVEGK.H	13
PLOG-9911	proteomics_log	3470025	3470063	-	4	2	R.ETIRQKVTDVEGK.H	17
PLOG-9912	proteomics_log	3470025	3470111	-	4	5	R.EFNVEANVGKPVAYRETIRQKVTDVEGK.H	33
PLOG-9913	proteomics_log	3470046	3470111	-	4	3	R.EFNVEANVGKPVAYRETIRQK.V	26
PLOG-9914	proteomics_log	3470052	3470111	-	4	33	R.EFNVEANVGKPVAYRETIR.Q	24
PLOG-9915	proteomics_log	3470052	3470114	-	4	8	K.REFNVEANVGKPVAYRETIR.Q	25
PLOG-9916	proteomics_log	3470052	3470120	-	4	32	R.MKREFNVEANVGKPVAYRETIR.Q	27
PLOG-9917	proteomics_log	3470064	3470111	-	4	96	R.EFNVEANVGKPVAYR.E	20
PLOG-9918	proteomics_log	3470064	3470114	-	4	7	K.REFNVEANVGKPVAYR.E	21
PLOG-9919	proteomics_log	3470064	3470120	-	4	14	R.MKREFNVEANVGKPVAYR.E	23
PLOG-9920	proteomics_log	3470121	3470198	-	4	3	R.VWTDEESNQTIAGMGELHLDIIVDR.M	30
PLOG-9921	proteomics_log	3470121	3470225	-	4	14	R.LAKEDPSFRVWTDEESNQTIAGMGELHLDIIVDR.M	39
PLOG-9922	proteomics_log	3470199	3470225	-	4	2	R.LAKEDPSFR.V	13
PLOG-9923	proteomics_log	3470226	3470246	-	4	2	K.MGLALGR.L	11
PLOG-9924	proteomics_log	3470226	3470261	-	4	3	K.ADQEKM*GLALGR.L	17
PLOG-9925	proteomics_log	3470226	3470261	-	4	65	K.ADQEKMGLALGR.L	16
PLOG-9926	proteomics_log	3470226	3470267	-	4	9	K.TKADQEKM*GLALGR.L	19
PLOG-9927	proteomics_log	3470226	3470267	-	4	322	K.TKADQEKMGLALGR.L	18
PLOG-9928	proteomics_log	3470226	3470312	-	4	2	R.M*EFPEPVISIAVEPKTKADQEKM*GLALGR.L	35
PLOG-9929	proteomics_log	3470226	3470312	-	4	61	R.MEFPEPVISIAVEPKTKADQEKMGLALGR.L	33
PLOG-9930	proteomics_log	3470247	3470312	-	4	4	R.MEFPEPVISIAVEPKTKADQEK.M	26
PLOG-9931	proteomics_log	3470268	3470312	-	4	126	R.M*EFPEPVISIAVEPK.T	20

PLOG-9932	proteomics_log	3470268	3470312	-	4	546	R.MEFPEPVISIAVEPK.T	19
PLOG-9933	proteomics_log	3470313	3470339	-	4	3	D.PDAPIILER.M	13
PLOG-9934	proteomics_log	3470313	3470342	-	4	3	C.DPDAPIILER.M	14
PLOG-9935	proteomics_log	3470313	3470402	-	4	15	R.AGDIAAAIGLKDVTGDTLCDPDAPIILER.M	34
PLOG-9936	proteomics_log	3470370	3470402	-	4	47	R.AGDIAAAIGLK.D	15
PLOG-9937	proteomics_log	3470403	3470423	-	4	40	R.EEIKEVR.A	11
PLOG-9938	proteomics_log	3470403	3470426	-	4	6	K.REEIKEVR.A	12
PLOG-9939	proteomics_log	3470403	3470450	-	4	147	R.IVQMHANKREEIKEVR.A	20
PLOG-9940	proteomics_log	3470424	3470450	-	4	7	R.IVQM*HANKR.E	14
PLOG-9941	proteomics_log	3470424	3470450	-	4	117	R.IVQMHANKR.E	13
PLOG-9942	proteomics_log	3470424	3470459	-	4	3	R.FGRIVQMHANKR.E	16
PLOG-9943	proteomics_log	3470427	3470450	-	4	2	R.IVQM*HANK.R	13
PLOG-9944	proteomics_log	3470427	3470450	-	4	13	R.IVQMHANK.R	12
PLOG-9945	proteomics_log	3470451	3470525	-	4	2	R.VYSGVVNSGDTVLSVKAARERFGR.I	29
PLOG-9946	proteomics_log	3470460	3470525	-	4	4	R.VYSGVVNSGDTVLSVKAARER.F	26
PLOG-9947	proteomics_log	3470460	3470567	-	4	2	K.IATDPFVGNLTFRRVYSGVVNSGDTVLSVKAARER.F	40
PLOG-9948	proteomics_log	3470466	3470525	-	4	182	R.VYSGVVNSGDTVLSVKAAR.E	24
PLOG-9949	proteomics_log	3470466	3470567	-	4	25	K.IATDPFVGNLTFRRVYSGVVNSGDTVLSVKAAR.E	38
PLOG-9950	proteomics_log	3470475	3470525	-	4	186	R.VYSGVVNSGDTVLSVK.A	21
PLOG-9951	proteomics_log	3470475	3470567	-	4	119	K.IATDPFVGNLTFRRVYSGVVNSGDTVLSVK.A	35
PLOG-9952	proteomics_log	3470484	3470525	-	4	7	R.VYSGVVNSGDTVLS.S	18
PLOG-9953	proteomics_log	3470526	3470555	-	4	9	D.PFVGNLTFRR.V	14
PLOG-9954	proteomics_log	3470526	3470567	-	4	486	K.IATDPFVGNLTFRR.V	18
PLOG-9955	proteomics_log	3470526	3470609	-	4	80	R.HASDDEPFSALAFKIATDPFVGNLTFRR.V	32
PLOG-9956	proteomics_log	3470529	3470567	-	4	7	K.IATDPFVGNLTF.R	17
PLOG-9957	proteomics_log	3470532	3470567	-	4	3	K.IATDPFVGNLTF.F	16
PLOG-9958	proteomics_log	3470535	3470567	-	4	4	K.IATDPFVGNLTF.F	15
PLOG-9959	proteomics_log	3470568	3470609	-	4	312	R.HASDDEPFSALAFK.I	18
PLOG-9960	proteomics_log	3470607	3470723	-	4	8	K.NKGVQAMLDVIDYLPSPVDVPAINGILDDGKDTPAERH.A	43
PLOG-9961	proteomics_log	3470610	3470678	-	4	10	L.PSPVDVPAINGILDDGKDTPAER.H	27
PLOG-9962	proteomics_log	3470610	3470717	-	4	4	K.GVQAM*LDAVIDYLPSPVDVPAINGILDDGKDTPAER.H	41
PLOG-9963	proteomics_log	3470610	3470717	-	4	161	K.GVQAMLDVIDYLPSPVDVPAINGILDDGKDTPAER.H	40
PLOG-9964	proteomics_log	3470610	3470723	-	4	3	K.NKGVQAM*LDAVIDYLPSPVDVPAINGILDDGKDTPAER.H	43
PLOG-9965	proteomics_log	3470610	3470723	-	4	98	K.NKGVQAMLDVIDYLPSPVDVPAINGILDDGKDTPAER.H	42
PLOG-9966	proteomics_log	3470715	3470771	-	4	2	R.VLNNEIILVTCGSFAFNKG.V	23
PLOG-9967	proteomics_log	3470772	3470828	-	4	7	K.YLGGEELTEAEIKGALRQ.R.V	23
PLOG-9968	proteomics_log	3470778	3470828	-	4	80	K.YLGGEELTEAEIKGALR.Q	21
PLOG-9969	proteomics_log	3470790	3470828	-	4	54	K.YLGGEELTEAEIK.G	17
PLOG-9970	proteomics_log	3470970	3471053	-	4	25	R.LGANPVPLQLAIGAEHFTGVVDLVKM*K.A	33
PLOG-9971	proteomics_log	3470970	3471053	-	4	124	R.LGANPVPLQLAIGAEHFTGVVDLVKMK.A	32
PLOG-9972	proteomics_log	3470976	3471035	-	4	2	V.PLQLAIGAEHFTGVVDLVK.M	24
PLOG-9973	proteomics_log	3470976	3471053	-	4	1556	R.LGANPVPLQLAIGAEHFTGVVDLVK.M	30
PLOG-9974	proteomics_log	3470976	3471059	-	4	166	K.TRLGANPVPLQLAIGAEHFTGVVDLVK.M	32
PLOG-9975	proteomics_log	3471054	3471077	-	4	71	K.VVNQIKTR.L	12
PLOG-9976	proteomics_log	3471054	3471080	-	4	4	L.KVVNQIKTR.L	13
PLOG-9977	proteomics_log	3471054	3471098	-	4	17	R.M*GANFLKVVNQIKTR.L	20

PLOG-9978	proteomics_log	3471054	3471098	-	4	288	R.MGANFLKVVNQIKTR.L	19
PLOG-9979	proteomics_log	3471054	3471107	-	4	4	K.M*DRM*GANFLKVVNQIKTR.L	24
PLOG-9980	proteomics_log	3471054	3471125	-	4	14	R.IAFVNKMDRMGANFLKVVNQIKTR.L	28
PLOG-9981	proteomics_log	3471060	3471098	-	4	8	R.M*GANFLKVVNQIK.T	18
PLOG-9982	proteomics_log	3471060	3471098	-	4	58	R.MGANFLKVVNQIK.T	17
PLOG-9983	proteomics_log	3471060	3471125	-	4	5	R.IAFVNKMDRMGANFLKVVNQIK.T	26
PLOG-9984	proteomics_log	3471069	3471098	-	4	3	R.MGANFLKVVN.Q	14
PLOG-9985	proteomics_log	3471099	3471125	-	4	59	R.IAFVNKM*DR.M	14
PLOG-9986	proteomics_log	3471099	3471125	-	4	150	R.IAFVNKMDR.M	13
PLOG-9987	proteomics_log	3471153	3471224	-	4	10	R.VLDGAVMVYCAVGGVQPQSETVWR.Q	28
PLOG-9988	proteomics_log	3471234	3471287	-	4	70	R.INIIDTPGHVDFTIEVER.S	22
PLOG-9989	proteomics_log	3471234	3471305	-	4	130	K.QYEPHRINIIDTPGHVDFTIEVER.S	28
PLOG-9990	proteomics_log	3471306	3471359	-	4	10	R.GITITSAATTAFWSGM*AK.Q	23
PLOG-9991	proteomics_log	3471306	3471359	-	4	301	R.GITITSAATTAFWSGMAK.Q	22
PLOG-9992	proteomics_log	3471306	3471419	-	4	12	K.IGEVHDGAATMDWMEQEGERGITITSAATTAFWSGMAK.Q	42
PLOG-9993	proteomics_log	3471360	3471395	-	4	2	A.ATMDWMEQEGER.G	16
PLOG-9994	proteomics_log	3471360	3471419	-	4	2	K.IGEVHDGAATM*DWM*EQEGER.G	26
PLOG-9995	proteomics_log	3471360	3471419	-	4	2	K.IGEVHDGAATM*DWMEQEGER.G	25
PLOG-9996	proteomics_log	3471360	3471419	-	4	3	K.IGEVHDGAATMDWM*EQEGER.G	25
PLOG-9997	proteomics_log	3471360	3471419	-	4	120	K.IGEVHDGAATMDWMEQEGER.G	24
PLOG-9998	proteomics_log	3471360	3471449	-	4	3	R.ILFYTGvNHKIGEVDGAATM*DWMEQEGER.G	35
PLOG-9999	proteomics_log	3471360	3471449	-	4	3	R.ILFYTGvNHKIGEVDGAATM*DWM*EQEGER.G	36
PLOG-10000	proteomics_log	3471360	3471449	-	4	120	R.ILFYTGvNHKIGEVDGAATMDWMEQEGER.G	34
PLOG-10001	proteomics_log	3471384	3471419	-	4	2	K.IGEVHDGAATM*D.W	17
PLOG-10002	proteomics_log	3471420	3471449	-	4	170	R.ILFYTGvNHK.I	14
PLOG-10003	proteomics_log	3471450	3471503	-	4	190	R.NIGISAHIDAGKTTTTTER.I	22
PLOG-10004	proteomics_log	3471450	3471509	-	4	254	R.YRNIGISAHIDAGKTTTTTER.I	24
PLOG-10005	proteomics_log	3471468	3471503	-	4	41	R.NIGISAHIDAGK.T	16
PLOG-10006	proteomics_log	3471468	3471509	-	4	11	R.YRNIGISAHIDAGK.T	18
PLOG-10007	proteomics_log	3471510	3471533	-	4	2	M.ARTTPIAR.Y	12
PLOG-10008	proteomics_log	3471567	3471623	-	4	278	R.SFSHQAGASSKQPALGYLN.-	23
PLOG-10009	proteomics_log	3471567	3471638	-	4	25	R.WLSLRSFSHQAGASSKQPALGYLN.-	28
PLOG-10010	proteomics_log	3471576	3471623	-	4	2	R.SFSHQAGASSKQPALG.Y	20
PLOG-10011	proteomics_log	3471582	3471623	-	4	6	R.SFSHQAGASSKQPA.L	18
PLOG-10012	proteomics_log	3471591	3471617	-	4	2	F.SHQAGASSK.Q	13
PLOG-10013	proteomics_log	3471591	3471620	-	4	8	S.FSHQAGASSK.Q	14
PLOG-10014	proteomics_log	3471591	3471623	-	4	384	R.SFSHQAGASSK.Q	15
PLOG-10015	proteomics_log	3471624	3471674	-	4	2	R.MAEANKAFAHYRWLSLR.S	21
PLOG-10016	proteomics_log	3471639	3471671	-	4	16	M.AEANKAFAHYR.W	15
PLOG-10017	proteomics_log	3471639	3471674	-	4	173	R.M*AEANKAFAHYR.W	17
PLOG-10018	proteomics_log	3471639	3471674	-	4	464	R.MAEANKAFAHYR.W	16
PLOG-10019	proteomics_log	3471639	3471689	-	4	7	R.EDVHRMAEANKAFAHYR.W	21
PLOG-10020	proteomics_log	3471648	3471674	-	4	7	R.MAEANKAFA.H	13
PLOG-10021	proteomics_log	3471651	3471674	-	4	13	R.MAEANKAF.A	12
PLOG-10022	proteomics_log	3471675	3471710	-	4	4	K.GTAVKKREDVHR.M	16
PLOG-10023	proteomics_log	3471675	3471746	-	4	236	R.LANELSDAAENKGTAVKKREDVHR.M	28



PLOG-10024	proteomics_log	3471690	3471746	-	4	182	R.LANELSDAAENKGTAVKKR.E	23
PLOG-10025	proteomics_log	3471693	3471746	-	4	62	R.LANELSDAAENKGTAVKK.R	22
PLOG-10026	proteomics_log	3471696	3471734	-	4	2	E.LSDAAENKGTAVK.K	17
PLOG-10027	proteomics_log	3471696	3471746	-	4	241	R.LANELSDAAENKGTAVK.K	21
PLOG-10028	proteomics_log	3471696	3471761	-	4	21	K.SMALRLANELSDAAENKGTAVK.K	26
PLOG-10029	proteomics_log	3471696	3471770	-	4	4	R.GDKSMALRLANELSDAAENKGTAVK.K	29
PLOG-10030	proteomics_log	3471711	3471746	-	4	87	R.LANELSDAAENK.G	16
PLOG-10031	proteomics_log	3471747	3471773	-	4	45	K.RGDKSMALR.L	13
PLOG-10032	proteomics_log	3471747	3471776	-	4	14	R.KRGDKSMALR.L	14
PLOG-10033	proteomics_log	3471774	3471797	-	4	35	R.WIVEAARK.R	12
PLOG-10034	proteomics_log	3471777	3471815	-	4	3	R.NALAMRWIVEAAR.K	17
PLOG-10035	proteomics_log	3471816	3471866	-	4	157	R.VGGSTYQVPVEVRPVR.R	21
PLOG-10036	proteomics_log	3471816	3471869	-	4	9	R.RVGGSTYQVPVEVRPVR.R	22
PLOG-10037	proteomics_log	3471819	3471866	-	4	17	R.VGGSTYQVPVEVRPVR.R	20
PLOG-10038	proteomics_log	3471819	3471869	-	4	50	R.RVGGSTYQVPVEVRPVR.R	21
PLOG-10039	proteomics_log	3471867	3471935	-	4	3	K.SELEAFEVALENVRPTVEVKSRR.V	27
PLOG-10040	proteomics_log	3471867	3471944	-	4	40	R.SGKSELEAFEVALENVRPTVEVKSRR.V	30
PLOG-10041	proteomics_log	3471870	3471935	-	4	64	K.SELEAFEVALENVRPTVEVKS.R	26
PLOG-10042	proteomics_log	3471870	3471944	-	4	81	R.SGKSELEAFEVALENVRPTVEVKS.R	29
PLOG-10043	proteomics_log	3471876	3471923	-	4	2	E.AFEVALENVRPTVEVK.S	20
PLOG-10044	proteomics_log	3471876	3471935	-	4	477	K.SELEAFEVALENVRPTVEVK.S	24
PLOG-10045	proteomics_log	3471876	3471944	-	4	634	R.SGKSELEAFEVALENVRPTVEVK.S	27
PLOG-10046	proteomics_log	3471876	3471995	-	4	53	K.STAESIVYSALETLAQRSGKSELEAFEVALENVRPTVEVK.S	44
PLOG-10047	proteomics_log	3471876	3471998	-	4	31	K.KSTAESIVYSALETLAQRSGKSELEAFEVALENVRPTVEVK.S	45
PLOG-10048	proteomics_log	3471936	3471998	-	4	6	K.KSTAESIVYSALETLAQRSGK.S	25
PLOG-10049	proteomics_log	3471936	3472028	-	4	15	K.FVNILMVDGKKSTAESIVYSALETLAQRSGK.S	35
PLOG-10050	proteomics_log	3471945	3471971	-	4	6	Y.SALETLAQR.S	13
PLOG-10051	proteomics_log	3471945	3471995	-	4	742	K.STAESIVYSALETLAQR.S	21
PLOG-10052	proteomics_log	3471945	3471998	-	4	464	K.KSTAESIVYSALETLAQR.S	22
PLOG-10053	proteomics_log	3471945	3472004	-	4	2	D.GKKSTAESIVYSALETLAQR.S	24
PLOG-10054	proteomics_log	3471945	3472007	-	4	2	V.DGKKSTAESIVYSALETLAQR.S	25
PLOG-10055	proteomics_log	3471945	3472025	-	4	19	F.VNILM*VDGKKSTAESIVYSALETLAQR.S	32
PLOG-10056	proteomics_log	3471945	3472028	-	4	270	K.FVNILM*VDGKKSTAESIVYSALETLAQR.S	33
PLOG-10057	proteomics_log	3471945	3472028	-	4	455	K.FVNILMVDGKKSTAESIVYSALETLAQR.S	32
PLOG-10058	proteomics_log	3471945	3472052	-	4	26	K.FGSELLAKFVNILMVDGKKSTAESIVYSALETLAQR.S	40
PLOG-10059	proteomics_log	3471945	3472070	-	4	2	K.ILPDPKFGSELLAKFVNILMVDGKKSTAESIVYSALETLAQR.S	46
PLOG-10060	proteomics_log	3471960	3471995	-	4	9	K.STAESIVYSALE.T	16
PLOG-10061	proteomics_log	3471996	3472028	-	4	24	K.FVNILM*VDGKK.S	16
PLOG-10062	proteomics_log	3471996	3472028	-	4	363	K.FVNILMVDGKK.S	15
PLOG-10063	proteomics_log	3471996	3472052	-	4	52	K.FGSELLAKFVNILMVDGKK.S	23
PLOG-10064	proteomics_log	3471996	3472070	-	4	5	K.ILPDPKFGSELLAKFVNILMVDGKK.S	29
PLOG-10065	proteomics_log	3471996	3472073	-	4	46	R.KILPDPKFGSELLAKFVNILMVDGKK.S	30
PLOG-10066	proteomics_log	3471999	3472028	-	4	36	K.FVNILM*VDGK.K	15
PLOG-10067	proteomics_log	3471999	3472028	-	4	378	K.FVNILMVDGK.K	14
PLOG-10068	proteomics_log	3471999	3472052	-	4	24	K.FGSELLAKFVNILMVDGK.K	22
PLOG-10069	proteomics_log	3471999	3472070	-	4	11	K.ILPDPKFGSELLAKFVNILMVDGK.K	28

PLOG-10070	proteomics_log	3471999	3472073	-	4	40	R.KILPDPKFGSELLAKFVNILMVDGK.K	29
PLOG-10071	proteomics_log	3471999	3472088	-	4	2	R.VIGQRKILPDPKFGSELLAKFVNILMVDGK.K	34
PLOG-10072	proteomics_log	3472005	3472028	-	4	5	K.FVNILM*VD.G	13
PLOG-10073	proteomics_log	3472029	3472052	-	4	45	K.FGSELLAK.F	12
PLOG-10074	proteomics_log	3472029	3472058	-	4	8	D.PKFGSELLAK.F	14
PLOG-10075	proteomics_log	3472029	3472070	-	4	82	K.ILPDPKFGSELLAK.F	18
PLOG-10076	proteomics_log	3472029	3472073	-	4	228	R.KILPDPKFGSELLAK.F	19
PLOG-10077	proteomics_log	3472029	3472088	-	4	14	R.VIGQRKILPDPKFGSELLAK.F	24
PLOG-10078	proteomics_log	3472203	3472232	-	4	57	R.SKYGVKRPKA.-	14
PLOG-10079	proteomics_log	3472215	3472232	-	4	4	R.SKYGVK.R	10
PLOG-10080	proteomics_log	3472233	3472292	-	4	3	R.YHTVRGALDCSGVKDRKQAR.S	24
PLOG-10081	proteomics_log	3472242	3472277	-	4	9	R.GALDCSGVKDRK.Q	16
PLOG-10082	proteomics_log	3472242	3472292	-	4	3	R.YHTVRGALDCSGVKDRK.Q	21
PLOG-10083	proteomics_log	3472245	3472277	-	4	5	R.GALDCSGVKDR.K	15
PLOG-10084	proteomics_log	3472245	3472292	-	4	2	R.YHTVRGALDCSGVKDR.K	20
PLOG-10085	proteomics_log	3472293	3472325	-	4	7	R.GGRVKDLPGVR.Y	15
PLOG-10086	proteomics_log	3472317	3472406	-	4	81	R.LTNGFEVTSYIGGEGHNLQEHSVILIRGGR.V	34
PLOG-10087	proteomics_log	3472317	3472412	-	4	2	R.VRLTNGFEVTSYIGGEGHNLQEHSVILIRGGR.V	36
PLOG-10088	proteomics_log	3472326	3472373	-	4	2	I.GGEGHNLQEHSVILIR.G	20
PLOG-10089	proteomics_log	3472326	3472406	-	4	393	R.LTNGFEVTSYIGGEGHNLQEHSVILIR.G	31
PLOG-10090	proteomics_log	3472326	3472412	-	4	224	R.VRLTNGFEVTSYIGGEGHNLQEHSVILIR.G	33
PLOG-10091	proteomics_log	3472422	3472466	-	4	66	R.VYTTTPKKPNSALR.K	19
PLOG-10092	proteomics_log	3472425	3472445	-	4	10	K.KPNSALR.K	11
PLOG-10093	proteomics_log	3472425	3472463	-	4	3	V.YTTTPKKPNSALR.K	17
PLOG-10094	proteomics_log	3472425	3472466	-	4	92	R.VYTTTPKKPNSALR.K	18
PLOG-10095	proteomics_log	3472425	3472481	-	4	2	R.GVCTRVYTTTPKKPNSALR.K	23
PLOG-10096	proteomics_log	3472437	3472466	-	4	28	R.VYTTTPKKPN.S	14
PLOG-10097	proteomics_log	3472446	3472466	-	4	5	R.VYTTTPK.K	11
PLOG-10098	proteomics_log	3472479	3472520	-	4	53	K.SNVPALACPQKRG.V	18
PLOG-10099	proteomics_log	3472479	3472529	-	4	2	K.VAKSNVPALACPQKRG.V	21
PLOG-10100	proteomics_log	3472479	3472532	-	4	254	R.KVAKSNVPALACPQKRG.V	22
PLOG-10101	proteomics_log	3472479	3472538	-	4	17	R.ARKVAKSNVPALACPQKRG.V	24
PLOG-10102	proteomics_log	3472482	3472520	-	4	7	K.SNVPALACPQKR.G	17
PLOG-10103	proteomics_log	3472482	3472532	-	4	16	R.KVAKSNVPALACPQKR.G	21
PLOG-10104	proteomics_log	3472548	3472571	-	4	131	M.ATVNQLVR.K	12
PLOG-10105	proteomics_log	3472931	3472966	-	6	2	R.SPWLTDFAALLR.L	16
PLOG-10106	proteomics_log	3473743	3473769	-	5	5	K.SGDFQGQDK.-	13
PLOG-10107	proteomics_log	3473803	3473862	-	5	2	K.GIFDIKDAINQVADRLNISK.H	24
PLOG-10108	proteomics_log	3474169	3474210	-	5	2	R.MLHDMTGDSSVSK.C	18
PLOG-10109	proteomics_log	3474169	3474210	-	5	2	R.MLHDM*TGADSSVSK.C	19
PLOG-10110	proteomics_log	3474247	3474273	-	5	4	R.IANGEHTGR.K	13
PLOG-10111	proteomics_log	3474373	3474453	-	5	17	R.SLLTNETSELDDLQRPFDQTFDILK.S	31
PLOG-10112	proteomics_log	3474632	3474682	-	6	33	K.ADAKPEADAKAADSAKK.-	21
PLOG-10113	proteomics_log	3474761	3474799	-	6	20	K.IKLVIPPELAYGK.A	17
PLOG-10114	proteomics_log	3474800	3474880	-	6	2	R.GEPLSFRLDGVIPGWTEGLKNIKKGGK.I	31
PLOG-10115	proteomics_log	3474809	3474880	-	6	2	R.GEPLSFRLDGVIPGWTEGLKNIKK.G	28

PLOG-10116	proteomics_log	3474812	3474880	-	6	21	R.GEPLSFRLDGVIPGWTEGLKNIK.K	27
PLOG-10117	proteomics_log	3474821	3474859	-	6	5	R.LDGVIPGWTEGLK.N	17
PLOG-10118	proteomics_log	3474821	3474880	-	6	7	R.GEPLSFRLDGVIPGWTEGLK.N	24
PLOG-10119	proteomics_log	3474881	3474925	-	6	4	K.GTLIDGKEFDNSYTR.G	19
PLOG-10120	proteomics_log	3474926	3475015	-	6	3	K.TSSTGLVYQVVEAGKGEAPKDSDTVVVNYK.G	34
PLOG-10121	proteomics_log	3475040	3475093	-	6	3	K.M*EKDAADNEAKGKEYREK.F	23
PLOG-10122	proteomics_log	3475040	3475093	-	6	90	K.MEKDAADNEAKGKEYREK.F	22
PLOG-10123	proteomics_log	3475046	3475093	-	6	16	K.MEKDAADNEAKGKEYR.E	20
PLOG-10124	proteomics_log	3475061	3475093	-	6	2	K.M*EKDAADNEAK.G	16
PLOG-10125	proteomics_log	3475061	3475093	-	6	28	K.MEKDAADNEAK.G	15
PLOG-10126	proteomics_log	3475118	3475165	-	6	330	K.LSDQEIEQTLQAFEAR.V	20
PLOG-10127	proteomics_log	3475118	3475171	-	6	15	K.SKLSDDQEIEQTLQAFEAR.V	22
PLOG-10128	proteomics_log	3475118	3475222	-	6	2	K.LDKDQLIAGVQDAFADKSKLSDDQEIEQTLQAFEAR.V	39
PLOG-10129	proteomics_log	3475118	3475234	-	6	10	K.LGIKLDKDKQLIAGVQDAFADKSKLSDDQEIEQTLQAFEAR.V	43
PLOG-10130	proteomics_log	3475166	3475222	-	6	7	K.LDKDQLIAGVQDAFADKSK.L	23
PLOG-10131	proteomics_log	3475166	3475234	-	6	67	K.LGIKLDKDKQLIAGVQDAFADKSK.L	27
PLOG-10132	proteomics_log	3475166	3475267	-	6	3	R.YM*ENSLKEQEKLGIKLDKDKQLIAGVQDAFADKSK.L	39
PLOG-10133	proteomics_log	3475172	3475222	-	6	3	K.LDKDQLIAGVQDAFADK.S	21
PLOG-10134	proteomics_log	3475172	3475234	-	6	48	K.LGIKLDKDKQLIAGVQDAFADK.S	25
PLOG-10135	proteomics_log	3475235	3475267	-	6	4	R.YM*ENSLKEQEK.L	16
PLOG-10136	proteomics_log	3475235	3475267	-	6	58	R.YMENSLEKEQEK.L	15
PLOG-10137	proteomics_log	3475268	3475300	-	6	112	K.SAYALGASLGR.Y	15
PLOG-10138	proteomics_log	3475268	3475327	-	6	103	K.AAFKNDDQKSAYALGASLGR.Y	24
PLOG-10139	proteomics_log	3475268	3475366	-	6	7	A.AEAAKPATAADSKAAAFKNDDQKSAYALGASLGR.Y	37
PLOG-10140	proteomics_log	3475301	3475327	-	6	10	K.AAFKNDDQK.S	13
PLOG-10141	proteomics_log	3475301	3475366	-	6	87	A.AEAAKPATAADSKAAAFKNDDQK.S	26
PLOG-10142	proteomics_log	3475316	3475366	-	6	9	A.AEAAKPATAADSKAAAFK.N	21
PLOG-10143	proteomics_log	3475328	3475351	-	6	2	K.PATAADSK.A	12
PLOG-10144	proteomics_log	3475328	3475366	-	6	141	A.AEAAKPATAADSK.A	17
PLOG-10145	proteomics_log	3475949	3476053	-	6	31	R.TITTTITTTTVAAM*ATITVMNTVAKAAVAVKAT.A	40
PLOG-10146	proteomics_log	3476100	3476126	-	4	150	K.FNVEVVAIR.E	13
PLOG-10147	proteomics_log	3476127	3476234	-	4	8	R.FLAETDQGPVPEITAVEDDHVVVDGNHM*LAGQNLK.F	41
PLOG-10148	proteomics_log	3476127	3476234	-	4	95	R.FLAETDQGPVPEITAVEDDHVVVDGNHMLAGQNLK.F	40
PLOG-10149	proteomics_log	3476235	3476276	-	4	6	K.DVFMGVDELQVGM*R.F	19
PLOG-10150	proteomics_log	3476235	3476276	-	4	6	K.DVFM*GVDELQVGM*R.F	20
PLOG-10151	proteomics_log	3476235	3476276	-	4	106	K.DVFMGVDELQVGM.R.F	18
PLOG-10152	proteomics_log	3476235	3476285	-	4	2	R.VPKDVFM*GVDELQVGM*R.F	23
PLOG-10153	proteomics_log	3476235	3476285	-	4	5	R.VPKDVFMGVDELQVGM*R.F	22
PLOG-10154	proteomics_log	3476235	3476285	-	4	193	R.VPKDVFMGVDELQVGM.R.F	21
PLOG-10155	proteomics_log	3476472	3476504	-	4	220	K.DLVVSLAYQVR.T	15
PLOG-10156	proteomics_log	3476472	3476519	-	4	36	I.M*KVAKDLVVSLAYQVR.T	21
PLOG-10157	proteomics_log	3476472	3476519	-	4	375	I.MKVAKDLVVSLAYQVR.T	20
PLOG-10158	proteomics_log	3483532	3483558	-	5	16	R.DLKDAVAR.A	13
PLOG-10159	proteomics_log	3483559	3483600	-	5	5	R.LFTHINLHFIVTGR.D	18
PLOG-10160	proteomics_log	3486985	3487017	-	5	35	R.FAHAVAKVVG.A.-	15
PLOG-10161	proteomics_log	3486985	3487071	-	5	36	R.FAPSLVEDADIDEGMQRFHAKVVG.A.-	33

PLOG-10162	proteomics_log	3487018	3487071	-	5	11	R.FAPSLVVEDADIDEGM*QR.F	23
PLOG-10163	proteomics_log	3487018	3487071	-	5	255	R.FAPSLVVEDADIDEGMQR.F	22
PLOG-10164	proteomics_log	3487072	3487137	-	5	4	R.DFLYAGAEAGVM*VLNAGPDVM*R.F	28
PLOG-10165	proteomics_log	3487144	3487194	-	5	2	R.GM*GLLIGAELKPQYKGR.A	22
PLOG-10166	proteomics_log	3487144	3487194	-	5	39	R.GMGLLIGAELKPQYKGR.A	21
PLOG-10167	proteomics_log	3487150	3487194	-	5	36	R.GMGLLIGAELKPQYK.G	19
PLOG-10168	proteomics_log	3487195	3487230	-	5	9	K.IDQQYDVFSDIR.G	16
PLOG-10169	proteomics_log	3487195	3487251	-	5	75	R.FVDHLQKIDQQYDVFSDIR.G	23
PLOG-10170	proteomics_log	3487438	3487500	-	5	2	R.TGDLFAYM*HYGVTPDILTSK.A	26
PLOG-10171	proteomics_log	3487438	3487500	-	5	102	R.TGDLFAYMHYGVTPDILTSK.A	25
PLOG-10172	proteomics_log	3487663	3487734	-	5	39	K.YSDGFGPKPADIIHVPFNDLHAVK.A	28
PLOG-10173	proteomics_log	3487735	3487770	-	5	12	R.SLFTVSVGGQPK.Y	16
PLOG-10174	proteomics_log	3487771	3487803	-	5	12	K.IIAFHNAFHGR.S	15
PLOG-10175	proteomics_log	3487843	3487929	-	5	4	R.KLIEATFAERVVFMNSGTEANETAFKLAR.H	33
PLOG-10176	proteomics_log	3487852	3487899	-	5	7	R.VVFMNSGTEANETAFK.L	20
PLOG-10177	proteomics_log	3487900	3487926	-	5	3	K.LIEATFAER.V	13
PLOG-10178	proteomics_log	3487900	3487929	-	5	25	R.KLIEATFAER.V	14
PLOG-10179	proteomics_log	3487939	3487998	-	5	21	K.TQGETLWHISNVFTNEPALR.L	24
PLOG-10180	proteomics_log	3488098	3488172	-	5	61	R.ATFDEVILPIYAPAEFIPVKGQGSR.I	29
PLOG-10181	proteomics_log	3488113	3488172	-	5	3	R.ATFDEVILPIYAPAEFIPV.K	24
PLOG-10182	proteomics_log	3488173	3488199	-	5	146	M.AIEQTAITR.A	13
PLOG-10183	proteomics_log	3489252	3489293	-	4	2	R.QLYQDIFDWAGQLR.E	18
PLOG-10184	proteomics_log	3489508	3489567	-	5	17	R.RLEGVEMPLVTLTAAEALAR.L	24
PLOG-10185	proteomics_log	3489759	3489857	-	4	13	K.GMDVADKISQVPTHDVGPYQNVPSKPVVILSAK.V	37
PLOG-10186	proteomics_log	3489858	3489971	-	4	2	R.TADKDSATSQFFINVADNAFLDHGQRDFGYAVFGKVVK.G	42
PLOG-10187	proteomics_log	3489867	3489893	-	4	14	R.DFGYAVFGK.V	13
PLOG-10188	proteomics_log	3489867	3489971	-	4	12	R.TADKDSATSQFFINVADNAFLDHGQRDFGYAVFGK.V	39
PLOG-10189	proteomics_log	3489888	3489971	-	4	2	R.TADKDSATSQFFINVADNAFLDHGQRDF.G	32
PLOG-10190	proteomics_log	3489894	3489971	-	4	87	R.TADKDSATSQFFINVADNAFLDHGQR.D	30
PLOG-10191	proteomics_log	3489972	3490001	-	4	3	R.NTRGTIAMAR.T	14
PLOG-10192	proteomics_log	3490002	3490046	-	4	7	K.KPNPPIKNEADNGLR.N	19
PLOG-10193	proteomics_log	3490047	3490103	-	4	9	R.VIPGFMIQGGGFTEQMQQK.K	23
PLOG-10194	proteomics_log	3490104	3490175	-	4	2	K.APVSVQNFVDYVNSGFYNNTTFHR.V	28
PLOG-10195	proteomics_log	3495159	3495209	-	4	2	A.PITKGRTDGSSKLPVK.I	21
PLOG-10196	proteomics_log	3504279	3504299	-	4	3	R.NASDNIR.N	11
PLOG-10197	proteomics_log	3510659	3510703	-	6	47	R.TLKAVYEAIQFVAKP.-	19
PLOG-10198	proteomics_log	3510704	3510778	-	6	8	R.FRND E AFLQQVM*KDGA EKASAHASR.T	30
PLOG-10199	proteomics_log	3510704	3510778	-	6	56	R.FRND E AFLQQVMKDGA EKASAHASR.T	29
PLOG-10200	proteomics_log	3510725	3510778	-	6	3	R.FRND E AFLQQVM*KDGA EK.A	23
PLOG-10201	proteomics_log	3510725	3510778	-	6	77	R.FRND E AFLQQVMKDGA EK.A	22
PLOG-10202	proteomics_log	3510731	3510778	-	6	4	R.FRND E AFLQQVMKDGA.E	20
PLOG-10203	proteomics_log	3510740	3510778	-	6	15	R.FRND E AFLQQVMK.D	17
PLOG-10204	proteomics_log	3510788	3510838	-	6	5	K.GEVADAVSGMLTELQER.Y	21
PLOG-10205	proteomics_log	3510788	3510856	-	6	78	K.MYGHLKGEVADAVSGMLTELQER.Y	27
PLOG-10206	proteomics_log	3510857	3510940	-	6	228	K.AGVS NLLDILSAVTGQSIPELEKQFEGK.M	32
PLOG-10207	proteomics_log	3510857	3510958	-	6	10	R.YDVQNKAGVSNLLDILSAVTGQSIPELEKQFEGK.M	38

PLOG-10208	proteomics_log	3510857	3510994	-	6	2	R.AVTDSDEPPVVR.YDVQNKAGVSNLLDILSAVTGQSIPELEKQFEGK.M	50
PLOG-10209	proteomics_log	3510872	3510940	-	6	107	K.AGVSNLLDILSAVTGQSIPELEK.Q	27
PLOG-10210	proteomics_log	3510872	3510958	-	6	4	R.YDVQNKAGVSNLLDILSAVTGQSIPELEK.Q	33
PLOG-10211	proteomics_log	3510959	3510994	-	6	62	R.AVTDSDEPPVVR.Y	16
PLOG-10212	proteomics_log	3510959	3510997	-	6	2	K.RAVTDSDEPPVVR.Y	17
PLOG-10213	proteomics_log	3511004	3511066	-	6	5	K.SDDNRNNVIGLLEDPKSVVKK.I	25
PLOG-10214	proteomics_log	3511007	3511066	-	6	21	K.SDDNRNNVIGLLEDPKSVVKK.K	24
PLOG-10215	proteomics_log	3511076	3511105	-	6	45	R.VMSLLEPTKK.M	14
PLOG-10216	proteomics_log	3511079	3511105	-	6	4	R.VMSLLEPTK.K	13
PLOG-10217	proteomics_log	3511106	3511171	-	6	4	R.FNALYGEIFKVPEPFIPKSGAR.V	26
PLOG-10218	proteomics_log	3511106	3511186	-	6	7	R.DIAQRFNALYGEIFKVPEPFIPKSGAR.V	31
PLOG-10219	proteomics_log	3511118	3511171	-	6	107	R.FNALYGEIFKVPEPFIPK.S	22
PLOG-10220	proteomics_log	3511118	3511186	-	6	7	R.DIAQRFNALYGEIFKVPEPFIPK.S	27
PLOG-10221	proteomics_log	3511187	3511279	-	6	2	D.YPVLM*AADILLYQTNLVPVGEDQKQHLELSR.D	36
PLOG-10222	proteomics_log	3511187	3511312	-	6	7	R.YAENINAGLFDYPVLM*AADILLYQTNLVPVGEDQKQHLELSR.D	47
PLOG-10223	proteomics_log	3511187	3511312	-	6	34	R.YAENINAGLFDYPVLM AADILLYQTNLVPVGEDQKQHLELSR.D	46
PLOG-10224	proteomics_log	3511313	3511342	-	6	30	R.MTQFKDKSAR.Y	14
PLOG-10225	proteomics_log	3511583	3511657	-	6	22	M.TKPIVFSGAQPSGELTIGNYMGALR.Q	29
PLOG-10226	proteomics_log	3511583	3511657	-	6	22	M.TKPIVFSGAQPSGELTIGNYMGALR.Q	29
PLOG-10227	proteomics_log	3511830	3511874	-	4	5	R.MGIAPQQMLFVGDSR.N	19
PLOG-10228	proteomics_log	3511875	3511955	-	4	4	K.YFSVVIGDDVQNKKPHDPDLLVAER.M	31
PLOG-10229	proteomics_log	3511956	3512033	-	4	112	K.GLPLGLVTNKPTPFVAPLLEALDIK.Y	30
PLOG-10230	proteomics_log	3512034	3512111	-	4	3	R.YYGEVAEEGTFLFPHVADTLGALQAK.G	30
PLOG-10231	proteomics_log	3512034	3512123	-	4	3	K.LFDRIYGEVAEEGTFLFPHVADTLGALQAK.G	34
PLOG-10232	proteomics_log	3512034	3512126	-	4	23	R.KLFDRIYGEVAEEGTFLFPHVADTLGALQAK.G	35
PLOG-10233	proteomics_log	3512232	3512276	-	4	62	R.VITWIGNGADVLMER.A	19
PLOG-10234	proteomics_log	3512277	3512387	-	4	6	R.GVAFDLDTLVDSAPGLAAAVDMALYALELPVAGEER.V	41
PLOG-10235	proteomics_log	3512407	3512433	-	5	2	R.SELAKVSHE.-	13
PLOG-10236	proteomics_log	3512407	3512433	-	5	2	R.SELAKVSHE.-	13
PLOG-10237	proteomics_log	3512563	3512589	-	5	10	R.IDESGFDIR.L	13
PLOG-10238	proteomics_log	3512611	3512745	-	5	7	K.AGLVFNPATPLSYLDYVMDKLDVILLMSVNPFGGGQSFIPQTLDK.L	49
PLOG-10239	proteomics_log	3512686	3512745	-	5	6	K.AGLVFNPATPLSYLDYVMDK.L	24
PLOG-10240	proteomics_log	3512854	3512919	-	5	2	K.SLRNYGITAPIDVHLM*VKPVDR.I	27
PLOG-10241	proteomics_log	3512854	3512919	-	5	12	K.SLRNYGITAPIDVHLM*VKPVDR.I	26
PLOG-10242	proteomics_log	3512920	3513009	-	5	84	K.ALAAGADVHFVDMNDHYPNLTIGPMVLK.S	34
PLOG-10243	proteomics_log	3512920	3513030	-	5	13	R.LGEDTAKALAAGADVHFVDMNDHYPNLTIGPMVLK.S	41
PLOG-10244	proteomics_log	3513031	3513069	-	5	3	Y.LIAPSILSADFAR.L	17
PLOG-10245	proteomics_log	3513031	3513075	-	5	9	K.QYLIAPSILSADFAR.L	19
PLOG-10246	proteomics_log	3513031	3513081	-	5	7	R.M*KQYLIAPSILSADFAR.L	22
PLOG-10247	proteomics_log	3513031	3513081	-	5	330	R.MKQYLIAPSILSADFAR.L	21
PLOG-10248	proteomics_log	3514189	3514230	-	5	5	K.KENLNKVVYETTR.N	18
PLOG-10249	proteomics_log	3514333	3514407	-	5	7	K.ETATTAPVQTASPAQTATPAAGAK.T	29
PLOG-10250	proteomics_log	3514477	3514530	-	5	2	K.KPQATVKTEPKVAQTPK.R	22
PLOG-10251	proteomics_log	3515157	3515216	-	4	2	R.RSILMILNMLTLTIAVRLVR.K	24
PLOG-10252	proteomics_log	3515275	3515328	-	5	29	-.MDEFKPEDELKPDPSDRR.T	22
PLOG-10253	proteomics_log	3515477	3515515	-	6	4	R.LILPLAIGKSEVR.S	17

PLOG-10254	proteomics_log	3515612	3515677	-	6	2	R.TSERLGQFSSAETQRITLLKR.A	26
PLOG-10255	proteomics_log	3515633	3515665	-	6	4	R.LGQFSSAETQR.I	15
PLOG-10256	proteomics_log	3515678	3515788	-	6	3	R.ALLNLGHTFGHAIEAEMGYGNWLHGEAVAAGMVMAAR.T	41
PLOG-10257	proteomics_log	3515882	3515947	-	6	3	K.YGIILDGAFFNWLEENLDALLR.L	26
PLOG-10258	proteomics_log	3516056	3516082	-	6	2	K.TAVNHPLGK.N	13
PLOG-10259	proteomics_log	3516083	3516139	-	6	24	R.FIQVPTLLSQVDSSVGGK.T	23
PLOG-10260	proteomics_log	3516083	3516166	-	6	2	A.AASYQRGVRFIQVPTLLSQVDSSVGGK.T	32
PLOG-10261	proteomics_log	3516568	3516606	-	5	105	K.VVANQIIHMLESN.-	17
PLOG-10262	proteomics_log	3516568	3516627	-	5	3	R.TDDQSAKVVANQIIHMLESN.-	24
PLOG-10263	proteomics_log	3516628	3516696	-	5	5	R.EVLEALANERNPLYEEIADVTIR.T	27
PLOG-10264	proteomics_log	3516748	3516795	-	5	161	R.GVVVYLETTIEKQLAR.T	20
PLOG-10265	proteomics_log	3516760	3516795	-	5	23	R.GVVVYLETTIEK.Q	16
PLOG-10266	proteomics_log	3516829	3516867	-	5	39	K.QGIVLATGGGSVK.S	17
PLOG-10267	proteomics_log	3516868	3516891	-	5	9	K.VINELTEK.Q	12
PLOG-10268	proteomics_log	3516961	3517020	-	5	60	R.QLAQQLNMEFYDSDQEIEKR.T	24
PLOG-10269	proteomics_log	3516961	3517035	-	5	29	K.STIGRQLAQQLNMEFYDSDQEIEKR.T	29
PLOG-10270	proteomics_log	3517021	3517071	-	5	11	R.NIFLVGPMGAGKSTIGR.Q	21
PLOG-10271	proteomics_log	3517036	3517071	-	5	2	R.NIFLVGPM*GAGK.S	17
PLOG-10272	proteomics_log	3517036	3517071	-	5	89	R.NIFLVGPMGAGK.S	16
PLOG-10273	proteomics_log	3517036	3517074	-	5	3	K.RNIFLVGPMGAGK.S	17
PLOG-10274	proteomics_log	3523641	3523667	-	4	4	R.NVSALFLVR.E	13
PLOG-10275	proteomics_log	3523980	3524030	-	4	5	R.EAVMIVPIVDDHLILIR.E	21
PLOG-10276	proteomics_log	3524010	3524060	-	4	2	R.VYERMPTNREAVMIVP.I	21
PLOG-10277	proteomics_log	3524118	3524168	-	4	5	M.SKSLQKPTILNVETVAR.S	21
PLOG-10278	proteomics_log	3533890	3533946	-	5	28	R.YIQTVWGLGYVFPDGSKA.-	23
PLOG-10279	proteomics_log	3533890	3533976	-	5	3	R.MVEEDPAHPRYIQTVWGLGYVFPDGSKA.-	33
PLOG-10280	proteomics_log	3533890	3533946	-	5	28	R.YIQTVWGLGYVFPDGSKA.-	23
PLOG-10281	proteomics_log	3533890	3533976	-	5	3	R.MVEEDPAHPRYIQTVWGLGYVFPDGSKA.-	33
PLOG-10282	proteomics_log	3533947	3533976	-	5	4	R.M*VEEDPAHPR.Y	15
PLOG-10283	proteomics_log	3533947	3533976	-	5	61	R.MVEEDPAHPR.Y	14
PLOG-10284	proteomics_log	3533947	3533979	-	5	2	R.RMVEEDPAHPR.Y	15
PLOG-10285	proteomics_log	3533986	3534009	-	5	10	R.SIDVQISR.L	12
PLOG-10286	proteomics_log	3534010	3534036	-	5	19	R.GREYSAMER.S	13
PLOG-10287	proteomics_log	3534097	3534156	-	5	3	R.EMFREDEPM*PLTSGEFAVLK.A	25
PLOG-10288	proteomics_log	3534097	3534156	-	5	17	R.EMFREDEPMPLTSGEFAVLK.A	24
PLOG-10289	proteomics_log	3534481	3534510	-	5	4	R.SVANAEQM*DR.L	15
PLOG-10290	proteomics_log	3534481	3534510	-	5	9	R.SVANAEQM*DR.L	14
PLOG-10291	proteomics_log	3534511	3534540	-	5	18	R.YLTEQGFQVR.S	14
PLOG-10292	proteomics_log	3534562	3534588	-	5	2	K.ILVVDDDM*R.L	14
PLOG-10293	proteomics_log	3542315	3542377	-	6	2	K.TVLALPMPEVDVINGGLEILK.T	25
PLOG-10294	proteomics_log	3548123	3548146	-	6	15	R.SIRDYQAR.I	12
PLOG-10295	proteomics_log	3550352	3550396	-	6	12	R.QWWLAVSEALAEMLR.A	19
PLOG-10296	proteomics_log	3552911	3552934	-	6	2	T.EAVAVADK.T	12
PLOG-10297	proteomics_log	3558137	3558187	-	6	2	R.DGGIIGIATLDFISQFR.L	21
PLOG-10298	proteomics_log	3558278	3558379	-	6	7	R.KVAEQIPNGSTLFIDIGTTPEAVAHALLNHSNLR.I	38
PLOG-10299	proteomics_log	3558476	3558514	-	6	10	R.DLNELAEQNLILR.H	17

PLOG-10300	proteomics_log	3558584	3558610	-	6	3	R.HNGIIELVK.Q	13
PLOG-10301	proteomics_log	3559553	3559630	-	6	6	K.GAAQYLLQQGYDVVYSIDGGFEAWQR.Q	30
PLOG-10302	proteomics_log	3564276	3564311	-	4	2	C.TGRTGSDGVKSR.R	16
PLOG-10303	proteomics_log	3565157	3565222	-	6	2	R.QLQIAMGLKVDDKVPLFAVVS.R.L	26
PLOG-10304	proteomics_log	3565265	3565303	-	6	2	K.IWSPETDLLASR.Y	17
PLOG-10305	proteomics_log	3565265	3565336	-	6	5	R.LSGVLNGVDEKIWSPETDLLASR.Y	28
PLOG-10306	proteomics_log	3565352	3565405	-	6	6	R.EITEPQFAYGMEGLLQQR.H	22
PLOG-10307	proteomics_log	3565943	3566011	-	6	19	K.TGGLADVIGALPAAQIADGV.DAR.V	27
PLOG-10308	proteomics_log	3566095	3566124	-	5	10	R.SEEGIVLVTR.E	14
PLOG-10309	proteomics_log	3566866	3566898	-	5	11	R.MLIDHVEKGAR.C	15
PLOG-10310	proteomics_log	3567031	3567093	-	5	2	R.GWSFFNEEMNEFVDLLPAQQR.M	25
PLOG-10311	proteomics_log	3567094	3567147	-	5	2	R.MGVITQYQSHTLVQHIQR.G	22
PLOG-10312	proteomics_log	3567232	3567255	-	5	3	R.LKDLTNKR.A	12
PLOG-10313	proteomics_log	3567250	3567315	-	5	8	L.ARQLPLKSVALILAGGRGTRLK.D	26
PLOG-10314	proteomics_log	3567265	3567309	-	5	3	R.QLPLKSVALILAGGR.G	19
PLOG-10315	proteomics_log	3567310	3567348	-	5	5	M.VSLEKNDHLM.LAR.Q	17
PLOG-10316	proteomics_log	3571439	3571522	-	6	2	M.SDRIDRDVINALIAGHFADPF.SVLGMHK.T	32
PLOG-10317	proteomics_log	3571819	3571893	-	5	5	N.MGPEFLSAFTVGDQLLWGAAEPLRR.M	29
PLOG-10318	proteomics_log	3571819	3571899	-	5	18	K.LNM*GPEFLSAFTVGDQLLWGAAEPLRR.M	32
PLOG-10319	proteomics_log	3571819	3571899	-	5	173	K.LNMGPEFLSAFTVGDQLLWGAAEPLRR.M	31
PLOG-10320	proteomics_log	3571819	3571902	-	5	66	R.KLNM*GPEFLSAFTVGDQLLWGAAEPLRR.M	33
PLOG-10321	proteomics_log	3571819	3571902	-	5	367	R.KLNMGPFLSAFTVGDQLLWGAAEPLRR.M	32
PLOG-10322	proteomics_log	3571819	3571908	-	5	13	R.LRKLNM*GPEFLSAFTVGDQLLWGAAEPLRR.M	35
PLOG-10323	proteomics_log	3571819	3571908	-	5	97	R.LRKLNMGPFLSAFTVGDQLLWGAAEPLRR.M	34
PLOG-10324	proteomics_log	3571822	3571899	-	5	7	K.LNMGPEFLSAFTVGDQLLWGAAEPLR.R	30
PLOG-10325	proteomics_log	3571822	3571908	-	5	5	R.LRKLNMGPFLSAFTVGDQLLWGAAEPLR.R	33
PLOG-10326	proteomics_log	3571846	3571902	-	5	2	R.KLNMGPFLSAFTVGDQLL.W	23
PLOG-10327	proteomics_log	3571870	3571902	-	5	2	R.KLNMGPFLSA.F	15
PLOG-10328	proteomics_log	3571870	3571908	-	5	2	R.LRKLNMGPFLSA.F	17
PLOG-10329	proteomics_log	3571903	3571959	-	5	4	R.ELTPAAVTGTLTPVGR.LR.K	23
PLOG-10330	proteomics_log	3571903	3571992	-	5	2	K.VVPNDREITMRELTPAAVTGTLTPVGR.LR.K	34
PLOG-10331	proteomics_log	3571909	3571950	-	5	2	T.PAAVTGTLTPVGR.L	18
PLOG-10332	proteomics_log	3571909	3571959	-	5	305	R.ELTPAAVTGTLTPVGR.L	21
PLOG-10333	proteomics_log	3571909	3571992	-	5	157	K.VVPNDREITMRELTPAAVTGTLTPVGR.L	32
PLOG-10334	proteomics_log	3571993	3572037	-	5	11	I.PTVEELLA.AHNPWAK.V	19
PLOG-10335	proteomics_log	3571993	3572049	-	5	92	K.DVSIPTVEELLA.AHNPWAK.V	23
PLOG-10336	proteomics_log	3571993	3572052	-	5	58	K.KDVSIPTVEELLA.AHNPWAK.V	24
PLOG-10337	proteomics_log	3571993	3572058	-	5	183	K.LKKDVSIPTVEELLA.AHNPWAK.V	26
PLOG-10338	proteomics_log	3572017	3572049	-	5	2	K.DVSIPTVEELL.A	15
PLOG-10339	proteomics_log	3572101	3572148	-	5	17	K.ILNTSSVIPVDGLCVR.V	20
PLOG-10340	proteomics_log	3572101	3572181	-	5	7	R.EEWKQGAETNKILNTSSVIPVDGLCVR.V	31
PLOG-10341	proteomics_log	3572182	3572274	-	5	151	R.SGELPVDNFGVPLAGSLIPWIDKQLDNGQSR.E	35
PLOG-10342	proteomics_log	3572206	3572274	-	5	122	R.SGELPVDNFGVPLAGSLIPWIDK.Q	27
PLOG-10343	proteomics_log	3572275	3572295	-	5	12	R.KVTTLTR.S	11
PLOG-10344	proteomics_log	3572275	3572358	-	5	8	H.LYGHVADELATPSSAILDIERKVTTLTR.S	32
PLOG-10345	proteomics_log	3572293	3572358	-	5	16	H.LYGHVADELATPSSAILDIERK.V	26

PLOG-10346	proteomics_log	3572293	3572382	-	5	2	R.ELLTQMGHLYGHVADELATPSSAILDIERK.V	34
PLOG-10347	proteomics_log	3572296	3572346	-	5	3	H.VADELATPSSAILDIER.K	21
PLOG-10348	proteomics_log	3572296	3572358	-	5	40	H.LYGHVADELATPSSAILDIER.K	25
PLOG-10349	proteomics_log	3572296	3572382	-	5	80	R.ELLTQMGHLYGHVADELATPSSAILDIER.K	33
PLOG-10350	proteomics_log	3572296	3572391	-	5	5	R.HM*RELLTQM*GHLYGHVADELATPSSAILDIER.K	38
PLOG-10351	proteomics_log	3572296	3572391	-	5	99	R.HMRELLTQMGHLYGHVADELATPSSAILDIER.K	36
PLOG-10352	proteomics_log	3572359	3572391	-	5	6	R.HMRELLTQMGH.L	15
PLOG-10353	proteomics_log	3572518	3572589	-	5	3	K.DDAIIIILDPVNQDVITDGLNNGIR.T	28
PLOG-10354	proteomics_log	3572518	3572595	-	5	4	R.M*KDDAIIIILDPVNQDVITDGLNNGIR.T	31
PLOG-10355	proteomics_log	3572518	3572595	-	5	137	R.MKDDAIIIILDPVNQDVITDGLNNGIR.T	30
PLOG-10356	proteomics_log	3572596	3572643	-	5	54	R.ESGWQGYWIDAASSLR.M	20
PLOG-10357	proteomics_log	3572596	3572649	-	5	45	K.LRESGWQGYWIDAASSLR.M	22
PLOG-10358	proteomics_log	3572710	3572826	-	5	28	R.DFDAIRPVFFSTSQLGQAAPSFGGTTGLQDAFDLEALK.A	43
PLOG-10359	proteomics_log	3572842	3572871	-	5	2	R.GM*VGSVLM*QR.M	16
PLOG-10360	proteomics_log	3572842	3572871	-	5	5	R.GMVGSVLM*QR.M	15
PLOG-10361	proteomics_log	3572842	3572871	-	5	174	R.GMVGSVLMQR.M	14
PLOG-10362	proteomics_log	3572842	3572901	-	5	2	L.M*KNVGFIGWRGMVGSVLMQR.M	25
PLOG-10363	proteomics_log	3572842	3572901	-	5	2	L.M*KNVGFIGWRGM*VGSVLM*QR.M	27
PLOG-10364	proteomics_log	3572842	3572901	-	5	3	L.MKNVGFIGWRGMVGSVLMQR.M	24
PLOG-10365	proteomics_log	3572872	3572901	-	5	3	L.M*KNVGFIGWR.G	15
PLOG-10366	proteomics_log	3572872	3572901	-	5	108	L.MKNVGFIGWR.G	14
PLOG-10367	proteomics_log	3575757	3575798	-	4	2	K.M*LDLGFTLSPGGSI.-	19
PLOG-10368	proteomics_log	3576501	3576557	-	4	23	R.AIGVLLPSLTNQVFAEVL.R	23
PLOG-10369	proteomics_log	3576558	3576632	-	4	2	K.IAAALDELGYIPNRAPDILSNATSR.A	29
PLOG-10370	proteomics_log	3577794	3577835	-	4	47	R.GFEQASPSTVTLAK.-	18
PLOG-10371	proteomics_log	3577794	3577928	-	4	2	R.VYDALYQTITHGAPNYVKESEVLTNLEILERGFEQASPSTVTLAK.-	49
PLOG-10372	proteomics_log	3577836	3577928	-	4	67	R.VYDALYQTITHGAPNYVKESEVLTNLEILER.G	35
PLOG-10373	proteomics_log	3578169	3578225	-	4	3	R.NKANPDDTFEAQLFYGDLK.A	23
PLOG-10374	proteomics_log	3578454	3578489	-	4	2	K.SKGLTVTPYQNR.R	16
PLOG-10375	proteomics_log	3578490	3578576	-	4	8	R.ALEAGKNVLVEKPFTPTLAQAKELFALAK.S	33
PLOG-10376	proteomics_log	3578490	3578579	-	4	2	K.RALEAGKNVLVEKPFTPTLAQAKELFALAK.S	34
PLOG-10377	proteomics_log	3578511	3578576	-	4	16	R.ALEAGKNVLVEKPFTPTLAQAK.E	26
PLOG-10378	proteomics_log	3580395	3580460	-	4	6	M.FPLYTPPAASSLP IALLFNVLK.R	26
PLOG-10379	proteomics_log	3583266	3583307	-	4	2	R.FHHQWLPDELVEK.G	18
PLOG-10380	proteomics_log	3583308	3583388	-	4	22	R.IITTVLQM*VVNSIDYGLNVAEATNAPR.F	32
PLOG-10381	proteomics_log	3583308	3583388	-	4	122	R.IITTVLQM*VVNSIDYGLNVAEATNAPR.F	31
PLOG-10382	proteomics_log	3583434	3583523	-	4	2	P.NVYGLVGGDANAVGPNKRPLSSMSPTIVVK.D	34
PLOG-10383	proteomics_log	3583677	3583733	-	4	2	K.AKPSSEIRPGKLAPYESNQ.T	23
PLOG-10384	proteomics_log	3583677	3583763	-	4	5	K.SIADQIDINKAKPSSEIRPGKLAPYESNQ.T	33
PLOG-10385	proteomics_log	3583734	3583763	-	4	6	K.SIADQIDINK.A	14
PLOG-10386	proteomics_log	3583776	3583835	-	4	6	R.SEYLGDPDFVKVPWQALTNK.A	24
PLOG-10387	proteomics_log	3584022	3584075	-	4	4	K.NGGLITKEDLAAYKAVER.T	22
PLOG-10388	proteomics_log	3584076	3584159	-	4	11	K.SLEMIAENGPDEFYKGTIAEQIAQEMQK.N	32
PLOG-10389	proteomics_log	3584160	3584228	-	4	22	K.AIFWKEGEPLKKGDTLVQANLAK.S	27
PLOG-10390	proteomics_log	3584229	3584312	-	4	24	R.DGFIVNDALADDLKTYGSEVLPHENSK.A	32
PLOG-10391	proteomics_log	3584271	3584312	-	4	2	R.DGFIVNDALADDLK.T	18



PLOG-10392	proteomics_log	3584343	3584435	-	4	5	K.SLTSHLASGTPGTVAGFSLALDKYGT MPLNK.V	35
PLOG-10393	proteomics_log	3584439	3584477	-	4	5	R.DM*FLDDQGNPDSK.K	18
PLOG-10394	proteomics_log	3584439	3584477	-	4	6	R.DMFLDDQGNPDSK.K	17
PLOG-10395	proteomics_log	3584505	3584540	-	4	4	R.SKNGNTTAIDFR.E	16
PLOG-10396	proteomics_log	3584712	3584768	-	4	8	A.PPAPPVSYGVEEDVFHPVR.A	23
PLOG-10397	proteomics_log	3589077	3589157	-	4	3	R.VIVDEELESVWTGKKT PQQALDTAVER.G	31
PLOG-10398	proteomics_log	3589191	3589226	-	4	2	R.QMLNKPPLPFTK.G	16
PLOG-10399	proteomics_log	3589227	3589274	-	4	2	R.EQGFYEKNPGADTATR.Q	20
PLOG-10400	proteomics_log	3589320	3589370	-	4	8	K.FLDFLAKPENAAEWHQK.T	21
PLOG-10401	proteomics_log	3590052	3590117	-	4	2	R.TGNAPAILQVYEVGTATMMASK.A	26
PLOG-10402	proteomics_log	3590208	3590279	-	4	2	A.VTTIPFWSMEGELGKEVDSLQR.F	28
PLOG-10403	proteomics_log	3590768	3590854	-	6	3	K.LADRGYVLENGHVLSDTGDALLANEAVR.S	33
PLOG-10404	proteomics_log	3590909	3590989	-	6	16	R.LLLLDEPSLGLAPIIIQQIFDTIEQLR.E	31
PLOG-10405	proteomics_log	3591011	3591058	-	6	22	R.AGTMMSGGEQQMLAIGR.A	20
PLOG-10406	proteomics_log	3591011	3591070	-	6	3	R.RIQRAGTM*SGGEQQM*LAIGR.A	26
PLOG-10407	proteomics_log	3591083	3591112	-	6	11	R.IKWVYELFPR.L	14
PLOG-10408	proteomics_log	3591194	3591223	-	6	6	R.EAVAIVPEGR.R	14
PLOG-10409	proteomics_log	3591233	3591277	-	6	11	R.IVFDDKIDTDWQTAK.I	19
PLOG-10410	proteomics_log	3591329	3591409	-	6	3	K.IQALHEVSLHINQGEIVTLIGANGAGK.T	31
PLOG-10411	proteomics_log	3591483	3591560	-	4	5	R.IYVVNQGTPLANGTPEQIRNNDVIR.A	30
PLOG-10412	proteomics_log	3591750	3591782	-	4	17	R.QASNLAYGDQR.R	15
PLOG-10413	proteomics_log	3591783	3591809	-	4	10	R.IGLLEHANR.Q	13
PLOG-10414	proteomics_log	3591900	3591959	-	4	8	R.LFREMTVIENLLVAQHQQLK.T	24
PLOG-10415	proteomics_log	3592098	3592187	-	4	11	R.FGGLLAVNNVNLELYPQEIVSLIGPNGAGK.T	34
PLOG-10416	proteomics_log	3592188	3592226	-	4	11	M.SQPLLSVNGLM MR.F	17
PLOG-10417	proteomics_log	3592188	3592226	-	4	11	M.SQPLLSVNGLM MR.F	17
PLOG-10418	proteomics_log	3594477	3594533	-	4	6	K.GDFGVFQWHADGSSTA AK.-	23
PLOG-10419	proteomics_log	3594546	3594593	-	4	2	K.ANGANTVIGPLNWDEK.G	20
PLOG-10420	proteomics_log	3594594	3594635	-	4	165	R.TGSDEPLALVKDLK.A	18
PLOG-10421	proteomics_log	3594603	3594635	-	4	137	R.TGSDEPLALVK.D	15
PLOG-10422	proteomics_log	3594636	3594671	-	4	3	Y.AAVQSLATALER.T	16
PLOG-10423	proteomics_log	3594636	3594716	-	4	46	K.ADKKDPSPGYVWITYAAVQSLATALER.T	31
PLOG-10424	proteomics_log	3594636	3594764	-	4	9	K.RYDQDPANQGI VDALKADKKDPSGPYVWITYAAVQSLATALER.T	47
PLOG-10425	proteomics_log	3594705	3594764	-	4	3	K.RYDQDPANQGI VDALKADKK.D	24
PLOG-10426	proteomics_log	3594765	3594857	-	4	2	K.TQFM*GPEGVGNASLSNIAGDAAEGMLVTM*PK.R	37
PLOG-10427	proteomics_log	3594765	3594857	-	4	2	K.TQFMGPEGVGNASLSNIAGDAAEGM*LVTMPK.R	36
PLOG-10428	proteomics_log	3594765	3594857	-	4	3	K.TQFM*GPEGVGNASLSNIAGDAAEGMLVTMPK.R	36
PLOG-10429	proteomics_log	3594765	3594857	-	4	2	K.TQFM*GPEGVGNASLSNIAGDAAEGM*LVTM*PK.R	38
PLOG-10430	proteomics_log	3594765	3594857	-	4	62	K.TQFMGPEGVGNASLSNIAGDAAEGMLVTMPK.R	35
PLOG-10431	proteomics_log	3594765	3594872	-	4	2	R.SVGLKTQFM*GPEGVGNASLSNIAGDAAEGMLVTM*PK.R	42
PLOG-10432	proteomics_log	3594765	3594872	-	4	3	R.SVGLKTQFMGPEGVGNASLSNIAGDAAEGM*LVTMPK.R	41
PLOG-10433	proteomics_log	3594765	3594872	-	4	3	R.SVGLKTQFM*GPEGVGNASLSNIAGDAAEGMLVTMPK.R	41
PLOG-10434	proteomics_log	3594765	3594872	-	4	4	R.SVGLKTQFMGPEGVGNASLSNIAGDAAEGMLVTM*PK.R	41
PLOG-10435	proteomics_log	3594765	3594872	-	4	298	R.SVGLKTQFMGPEGVGNASLSNIAGDAAEGMLVTMPK.R	40
PLOG-10436	proteomics_log	3594882	3594941	-	4	17	K.ENIDFVYGGYYP EMGQMLR.Q	24
PLOG-10437	proteomics_log	3594882	3594944	-	4	4	K.KENIDFVYGGYYP EMGQMLR.Q	25

PLOG-10438	proteomics_log	3594882	3594950	-	4	7	R.LKKENIDFVYYGGYYPEN*GQMLR.Q	28
PLOG-10439	proteomics_log	3594882	3594950	-	4	14	R.LKKENIDFVYYGGYYPEN*LR.Q	28
PLOG-10440	proteomics_log	3594882	3594950	-	4	7	R.LKKENIDFVYYGGYYPEN*GQM*LR.Q	29
PLOG-10441	proteomics_log	3594882	3594950	-	4	349	R.LKKENIDFVYYGGYYPEN*GQMLR.Q	27
PLOG-10442	proteomics_log	3594951	3594974	-	4	2	K.DFSALIAR.L	12
PLOG-10443	proteomics_log	3594951	3595025	-	4	360	K.AANANVFFDGITAGEKDFSALIAR.L	29
PLOG-10444	proteomics_log	3594951	3595046	-	4	409	R.SVQDGLKAANANVFFDGITAGEKDFSALIAR.L	36
PLOG-10445	proteomics_log	3595047	3595094	-	4	340	R.IAIIHDKQQYGEGLAR.S	20
PLOG-10446	proteomics_log	3595047	3595124	-	4	4	K.YILETVKPQRIAIIHDKQQYGEGLAR.S	30
PLOG-10447	proteomics_log	3595047	3595166	-	4	4	R.TAGLDSSQGPTAAKYILETVKPQRIAIIHDKQQYGEGLAR.S	44
PLOG-10448	proteomics_log	3595074	3595094	-	4	2	R.IAIIHDK.Q	11
PLOG-10449	proteomics_log	3595095	3595124	-	4	31	K.YILETVKPQR.I	14
PLOG-10450	proteomics_log	3595095	3595166	-	4	113	R.TAGLDSSQGPTAAKYILETVKPQR.I	28
PLOG-10451	proteomics_log	3595125	3595166	-	4	162	R.TAGLDSSQGPTAAK.Y	18
PLOG-10452	proteomics_log	3595302	3595346	-	4	59	K.QAVAVANKIVNDGIK.Y	19
PLOG-10453	proteomics_log	3595323	3595346	-	4	42	K.QAVAVANK.I	12
PLOG-10454	proteomics_log	3595323	3595346	-	4	42	K.QAVAVANK.I	12
PLOG-10455	proteomics_log	3595407	3595433	-	4	4	R.QAIKDINAK.G	13
PLOG-10456	proteomics_log	3595434	3595502	-	4	2	K.VAVVVGAMSGPIAQWGDMEFNGAR.Q	27
PLOG-10457	proteomics_log	3595434	3595514	-	4	185	A.DDIKVAVVVGAMSGPIAQWGDMEFNGAR.Q	31
PLOG-10458	proteomics_log	3596581	3596637	-	5	85	K.GFEFGVFDWHANGTATDAK.-	23
PLOG-10459	proteomics_log	3596581	3596649	-	5	77	K.GDLKGFVFDWHANGTATDAK.-	27
PLOG-10460	proteomics_log	3596581	3596697	-	5	27	K.ANSVDVTVMGPLTWDEKGDLDKGFVFDWHANGTATDAK.-	43
PLOG-10461	proteomics_log	3596581	3596706	-	5	4	K.YLKANSVDVTVMGPLTWDEKGDLDKGFVFDWHANGTATDAK.-	46
PLOG-10462	proteomics_log	3596638	3596697	-	5	5	K.ANSVDVTVMGPLTWDEKGDLDK.G	24
PLOG-10463	proteomics_log	3596638	3596706	-	5	9	K.YLKANSVDVTVMGPLTWDEKGDLDK.G	27
PLOG-10464	proteomics_log	3596650	3596697	-	5	4	K.ANSVDVTVM*GPLTWDEK.G	21
PLOG-10465	proteomics_log	3596650	3596697	-	5	59	K.ANSVDVTVMGPLTWDEK.G	20
PLOG-10466	proteomics_log	3596650	3596706	-	5	2	K.YLKANSVDVTVM*GPLTWDEK.G	24
PLOG-10467	proteomics_log	3596650	3596706	-	5	4	K.YLKANSVDVTVMGPLTWDEK.G	23
PLOG-10468	proteomics_log	3596698	3596808	-	5	144	K.KQDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAKYLK.A	41
PLOG-10469	proteomics_log	3596707	3596748	-	5	3	Q.AGLNQSDDPAEIAK.Y	18
PLOG-10470	proteomics_log	3596707	3596769	-	5	22	Y.AALQSLQAGLNQSDDPAEIAK.Y	25
PLOG-10471	proteomics_log	3596707	3596805	-	5	38	K.QDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	37
PLOG-10472	proteomics_log	3596707	3596808	-	5	412	K.KQDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	38
PLOG-10473	proteomics_log	3596707	3596814	-	5	118	K.AKKQDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	40
PLOG-10474	proteomics_log	3596770	3596808	-	5	6	K.KQDPSGAFVWTTY.A	17
PLOG-10475	proteomics_log	3596806	3596862	-	5	2	K.NYDQVPANKPIVDAIKAKK.Q	23
PLOG-10476	proteomics_log	3596809	3596862	-	5	194	K.NYDQVPANKPIVDAIKAK.K	22
PLOG-10477	proteomics_log	3596809	3596928	-	5	3	V.ANVLSLSNIAGESAEGLLVTKPKNYDQVPANKPIVDAIKAK.K	44
PLOG-10478	proteomics_log	3596815	3596862	-	5	174	K.NYDQVPANKPIVDAIK.A	20
PLOG-10479	proteomics_log	3596815	3596955	-	5	2	K.TQFMGPEGVANVLSLSNIAGESAEGLLVTKPKNYDQVPANKPIVDAIK.A	51
PLOG-10480	proteomics_log	3596863	3596946	-	5	4	F.MGPEGVANVLSLSNIAGESAEGLLVTKPK.N	32
PLOG-10481	proteomics_log	3596863	3596955	-	5	24	K.TQFM*GPEGVANVLSLSNIAGESAEGLLVTKPK.N	36
PLOG-10482	proteomics_log	3596863	3596955	-	5	80	K.TQFMGPEGVANVLSLSNIAGESAEGLLVTKPK.N	35
PLOG-10483	proteomics_log	3596863	3596970	-	5	34	R.AAGLKTQFM*GPEGVANVLSLSNIAGESAEGLLVTKPK.N	41

PLOG-10484	proteomics_log	3596863	3596970	-	5	301	R.AAGLKTQFMGPEGVANVLSNIAGESAEGLLVTKPK.N	40
PLOG-10485	proteomics_log	3596971	3597048	-	5	8	R.LKKENIDFVYGGYHPEM*GQILRQAR.A	31
PLOG-10486	proteomics_log	3596971	3597048	-	5	57	R.LKKENIDFVYGGYHPEMGQILRQAR.A	30
PLOG-10487	proteomics_log	3596980	3597015	-	5	2	Y.GGYHPEM*GQILR.Q	17
PLOG-10488	proteomics_log	3596980	3597015	-	5	4	Y.GGYHPEMGQILR.Q	16
PLOG-10489	proteomics_log	3596980	3597021	-	5	2	V.YYGGYHPEMGQILR.Q	18
PLOG-10490	proteomics_log	3596980	3597039	-	5	69	K.ENIDFVYGGYHPEMGQILR.Q	24
PLOG-10491	proteomics_log	3596980	3597042	-	5	3	K.KENIDFVYGGYHPEM*GQILR.Q	26
PLOG-10492	proteomics_log	3596980	3597042	-	5	227	K.KENIDFVYGGYHPEMGQILR.Q	25
PLOG-10493	proteomics_log	3596980	3597048	-	5	231	R.LKKENIDFVYGGYHPEM*GQILR.Q	28
PLOG-10494	proteomics_log	3596980	3597048	-	5	574	R.LKKENIDFVYGGYHPEMGQILR.Q	27
PLOG-10495	proteomics_log	3597004	3597048	-	5	5	R.LKKENIDFVYGGYH.P	19
PLOG-10496	proteomics_log	3597049	3597072	-	5	5	K.DFSTLVAR.L	12
PLOG-10497	proteomics_log	3597049	3597087	-	5	3	I.TAGEKDFSTLVAR.L	17
PLOG-10498	proteomics_log	3597049	3597099	-	5	2	F.FDGITAGEKDFSTLVAR.L	21
PLOG-10499	proteomics_log	3597049	3597120	-	5	455	K.GNANVFFDGITAGEKDFSTLVAR.L	28
PLOG-10500	proteomics_log	3597049	3597123	-	5	283	K.KGNANVFFDGITAGEKDFSTLVAR.L	29
PLOG-10501	proteomics_log	3597049	3597144	-	5	478	R.AVQDGLKKGANVFFDGITAGEKDFSTLVAR.L	36
PLOG-10502	proteomics_log	3597052	3597144	-	5	2	R.AVQDGLKKGANVFFDGITAGEKDFSTLVA.R	35
PLOG-10503	proteomics_log	3597073	3597120	-	5	8	K.GNANVFFDGITAGEK.D	20
PLOG-10504	proteomics_log	3597073	3597123	-	5	9	K.KGNANVFFDGITAGEK.D	21
PLOG-10505	proteomics_log	3597073	3597144	-	5	7	R.AVQDGLKKGANVFFDGITAGEK.D	28
PLOG-10506	proteomics_log	3597145	3597189	-	5	8	I.AIVHDKQYGEGLAR.A	19
PLOG-10507	proteomics_log	3597145	3597192	-	5	545	R.IAIVHDKQYGEGLAR.A	20
PLOG-10508	proteomics_log	3597145	3597201	-	5	5	K.PQRIAIVHDKQYGEGLAR.A	23
PLOG-10509	proteomics_log	3597145	3597207	-	5	203	K.VKPQRIAIVHDKQYGEGLAR.A	25
PLOG-10510	proteomics_log	3597145	3597222	-	5	2	K.YILEKVKPQRIAIVHDKQYGEGLAR.A	30
PLOG-10511	proteomics_log	3597145	3597264	-	5	5	R.TTGLDSDQGPTAAKYILEKVKPQRIAIVHDKQYGEGLAR.A	44
PLOG-10512	proteomics_log	3597193	3597219	-	5	2	Y.ILEKVKPQR.I	13
PLOG-10513	proteomics_log	3597193	3597222	-	5	95	K.YILEKVKPQR.I	14
PLOG-10514	proteomics_log	3597193	3597264	-	5	64	R.TTGLDSDQGPTAAKYILEKVKPQR.I	28
PLOG-10515	proteomics_log	3597208	3597264	-	5	218	R.TTGLDSDQGPTAAKYILEK.V	23
PLOG-10516	proteomics_log	3597208	3597285	-	5	5	R.GYQLILRTTGLDSDQGPTAAKYILEK.V	30
PLOG-10517	proteomics_log	3597208	3597288	-	5	8	A.RGYQLILRTTGLDSDQGPTAAKYILEK.V	31
PLOG-10518	proteomics_log	3597220	3597264	-	5	8	R.TTGLDSDQGPTAAKY.I	19
PLOG-10519	proteomics_log	3597223	3597264	-	5	401	R.TTGLDSDQGPTAAK.Y	18
PLOG-10520	proteomics_log	3597265	3597285	-	5	204	R.GYQLILR.T	11
PLOG-10521	proteomics_log	3597286	3597375	-	5	2	S.SSTQPASDIYEDEGILM*ITPAATAPELTAR.G	35
PLOG-10522	proteomics_log	3597286	3597378	-	5	2	C.SSTQPASDIYEDEGILM*ITPAATAPELTAR.G	36
PLOG-10523	proteomics_log	3597286	3597399	-	5	7	K.YVIGHLCSSTQPASDIYEDEGILMITPAATAPELTAR.G	42
PLOG-10524	proteomics_log	3597382	3597444	-	5	14	K.QAVAVANKVVNDGIKYVIGHL.C	25
PLOG-10525	proteomics_log	3597400	3597444	-	5	256	K.QAVAVANKVVNDGIK.Y	19
PLOG-10526	proteomics_log	3597421	3597444	-	5	42	K.QAVAVANK.I	12
PLOG-10527	proteomics_log	3597421	3597444	-	5	42	K.QAVAVANK.I	12
PLOG-10528	proteomics_log	3597469	3597504	-	5	102	K.GGIKGNKLQIVK.Y	16
PLOG-10529	proteomics_log	3597505	3597600	-	5	13	K.VAVVGAM*SGPVAQYGDQEFTGAEQAVADINAK.G	37

PLOG-10530	proteomics_log	3597505	3597600	-	5	32	K.VAVVGAMSGPVAQYGDQEFTGAEQAVADINAK.G	36
PLOG-10531	proteomics_log	3597505	3597612	-	5	5	A.EDIKVAVVGAM*SGPVAQYGDQEFTGAEQAVADINAK.G	41
PLOG-10532	proteomics_log	3597505	3597612	-	5	81	A.EDIKVAVVGAMSGPVAQYGDQEFTGAEQAVADINAK.G	40
PLOG-10533	proteomics_log	3597622	3597696	-	5	13	R.M*GILRM*NIK GKALLAGCIALAFSNM*.A	32
PLOG-10534	proteomics_log	3600165	3600236	-	4	8	R.LFEFNVRVGVTVLMATHDINLISR.R	28
PLOG-10535	proteomics_log	3600237	3600320	-	4	48	R.AVVNKPALLADEPTGNLDDALSEGILR.L	32
PLOG-10536	proteomics_log	3600776	3600838	-	6	82	R.IEDLRPFKADDFIEALFARED.-	25
PLOG-10537	proteomics_log	3600782	3600838	-	6	11	R.IEDLRPFKADDFIEALFAR.E	23
PLOG-10538	proteomics_log	3600926	3600970	-	6	2	K.LFHEAVGLTGITLTK.L	19
PLOG-10539	proteomics_log	3600971	3601051	-	6	4	K.KLDVEAPHEVMLTIDASTGQNAVSQAK.L	31
PLOG-10540	proteomics_log	3601070	3601096	-	6	3	K.SHLM*EELKK.I	14
PLOG-10541	proteomics_log	3601109	3601144	-	6	3	R.NIDVLIADTAGR.L	16
PLOG-10542	proteomics_log	3601145	3601228	-	6	4	R.NNIPVIAQHTGADSASVIFDAIQAAKAR.N	32
PLOG-10543	proteomics_log	3601151	3601228	-	6	39	R.NNIPVIAQHTGADSASVIFDAIQAAK.A	30
PLOG-10544	proteomics_log	3601268	3601300	-	6	3	K.SVMLAAGDTFR.A	15
PLOG-10545	proteomics_log	3601385	3601480	-	6	2	R.DAEALYGLLKEEMGEILAKVDEPLNVEGKAPF.V	36
PLOG-10546	proteomics_log	3601394	3601480	-	6	26	R.DAEALYGLLKEEMGEILAKVDEPLNVEGK.A	33
PLOG-10547	proteomics_log	3601424	3601480	-	6	30	R.DAEALYGLLKEEMGEILAK.V	23
PLOG-10548	proteomics_log	3601424	3601492	-	6	5	R.KQLRDAEALYGLLKEEMGEILAK.V	27
PLOG-10549	proteomics_log	3601493	3601528	-	6	22	R.KIITNLTEGASR.K	16
PLOG-10550	proteomics_log	3601526	3601603	-	6	2	K.KIDDDLFEELQELLIADVGVETTRK.I	30
PLOG-10551	proteomics_log	3601526	3601609	-	6	2	R.GKKIDDDLFEELQELLIADVGVETTRK.I	32
PLOG-10552	proteomics_log	3601529	3601600	-	6	2	K.IDDDLFEELQELLIADVGVETTRK.K	28
PLOG-10553	proteomics_log	3601529	3601609	-	6	8	R.GKKIDDDLFEELQELLIADVGVETTRK.K	31
PLOG-10554	proteomics_log	3601610	3601651	-	6	34	K.TKENLGSGFISLFR.G	18
PLOG-10555	proteomics_log	3601610	3601663	-	6	15	R.SLLKTKENLGSGFISLFR.G	22
PLOG-10556	proteomics_log	3604386	3604421	-	4	3	S.RLQSQVLSEIQR.A	16
PLOG-10557	proteomics_log	3610202	3610228	-	6	2	R.KGNISCNLK.S	13
PLOG-10558	proteomics_log	3618884	3618910	-	6	2	P.RGAPPSSAR.S	13
PLOG-10559	proteomics_log	3618884	3618910	-	6	2	P.RGAPPSSAR.S	13
PLOG-10560	proteomics_log	3619840	3619890	-	5	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-10561	proteomics_log	3619840	3619890	-	5	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-10562	proteomics_log	3619840	3619890	-	5	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-10563	proteomics_log	3627561	3627611	-	4	2	R.VNEELPWPDDL VVRLPQ.-	21
PLOG-10564	proteomics_log	3627561	3627611	-	4	2	R.VNEELPWPDDL VVRLPQ.-	21
PLOG-10565	proteomics_log	3627708	3627737	-	4	7	K.TVETSDERLK.L	14
PLOG-10566	proteomics_log	3627738	3627818	-	4	9	R.LILDAAPDLRIPATISFVASVAQFTPK.T	31
PLOG-10567	proteomics_log	3627819	3627911	-	4	20	R.VLNMVDLSDVYMTFFLPTEQAGTLKLGGEAR.L	35
PLOG-10568	proteomics_log	3627837	3627911	-	4	42	R.VLNMVDLSDVYMTFFLPTEQAGTLK.L	29
PLOG-10569	proteomics_log	3627912	3627950	-	4	8	R.VAEPGEVLAAGGR.V	17
PLOG-10570	proteomics_log	3627972	3628013	-	4	2	R.IAADIDDSELKAPR.D	18
PLOG-10571	proteomics_log	3627972	3628016	-	4	3	R.RIAAADIDDSELKAPR.D	19
PLOG-10572	proteomics_log	3628017	3628043	-	4	30	R.VEAAQATER.R	13
PLOG-10573	proteomics_log	3628044	3628070	-	4	3	R.TNIIQAQTR.V	13
PLOG-10574	proteomics_log	3628071	3628133	-	4	4	R.AALESAKAQVSASKAAIEAAR.T	25
PLOG-10575	proteomics_log	3628092	3628133	-	4	8	R.AALESAKAQVSASK.A	18

PLOG-10576	proteomics_log	3628134	3628190	-	4	9	R.GAISAQQLDDDRAAAESAR.A	23
PLOG-10577	proteomics_log	3628251	3628277	-	4	18	R.AAQLSVNQR.Q	13
PLOG-10578	proteomics_log	3628293	3628364	-	4	8	R.LEAIAQIKEAQSAAAAQALLEQR.Q	28
PLOG-10579	proteomics_log	3628293	3628382	-	4	32	R.VLQEQRLEAIAQIKEAQSAAAAQALLEQR.Q	34
PLOG-10580	proteomics_log	3628416	3628469	-	4	2	S.KIAGRIDTILVKEGKFVR.E	22
PLOG-10581	proteomics_log	3640532	3640591	-	6	3	R.VFQSLVGPDLADGLLEPAR.L	24
PLOG-10582	proteomics_log	3641021	3641089	-	6	6	R.WGLEHDEDNLMALVLTPEHLELR.K	27
PLOG-10583	proteomics_log	3641166	3641222	-	4	2	R.FRGREPQLDAMLEHYGIKG.-	23
PLOG-10584	proteomics_log	3641166	3641222	-	4	2	R.FRGREPQLDAM*LEHYGIKG.-	24
PLOG-10585	proteomics_log	3641259	3641297	-	4	24	R.ETGQSFLDNILSR.G	17
PLOG-10586	proteomics_log	3641268	3641324	-	4	2	R.FEEEGIFNRETGQSFLDNI.L	23
PLOG-10587	proteomics_log	3641526	3641555	-	4	2	R.QLEFGLFDFR.L	14
PLOG-10588	proteomics_log	3641556	3641585	-	4	3	K.NYQAALFILR.Q	14
PLOG-10589	proteomics_log	3642186	3642242	-	4	7	K.AEFGVDELQPWDIAYYSEK.Q	23
PLOG-10590	proteomics_log	3642255	3642293	-	4	2	R.ARPQGEKELAQLR.A	17
PLOG-10591	proteomics_log	3642294	3642347	-	4	25	K.MAENPQQVLDFLDLAKR.A	22
PLOG-10592	proteomics_log	3642297	3642347	-	4	6	K.M*AENPQQVLDFLDLAK.R	22
PLOG-10593	proteomics_log	3642297	3642347	-	4	36	K.MAENPQQVLDFLDLAK.R	21
PLOG-10594	proteomics_log	3642363	3642434	-	4	2	K.VM*EEILALRHELAQLLGFENYAFK.S	29
PLOG-10595	proteomics_log	3642363	3642434	-	4	35	K.VMEEILALRHELAQLLGFENYAFK.S	28
PLOG-10596	proteomics_log	3642609	3642668	-	4	4	K.LVTDEAELAGM*PESALAAAK.A	25
PLOG-10597	proteomics_log	3642669	3642731	-	4	3	R.LSELGNQYSNNVLDATMGWTK.L	25
PLOG-10598	proteomics_log	3642732	3642752	-	4	2	R.YGEIATR.L	11
PLOG-10599	proteomics_log	3642762	3642821	-	4	9	K.AVDNALRDFELSGIGLPKEK.Q	24
PLOG-10600	proteomics_log	3642975	3643010	-	4	8	R.IFSPVSHLNSVK.N	16
PLOG-10601	proteomics_log	3643122	3643157	-	4	25	K.ILPEHVPAVTK.A	16
PLOG-10602	proteomics_log	3643158	3643202	-	4	134	M.TNPLLPFELPPFSK.I	19
PLOG-10603	proteomics_log	3643158	3643205	-	4	3	R.MTNPLLPFELPPFSK.I	20
PLOG-10604	proteomics_log	3653992	3654036	-	5	25	K.NLYTFKNQASNDLPN.-	19
PLOG-10605	proteomics_log	3653992	3654051	-	5	2	K.KNPQKNLYTFKNQASNDLPN.-	24
PLOG-10606	proteomics_log	3654019	3654051	-	5	6	K.KNPQKNLYTFK.N	15
PLOG-10607	proteomics_log	3654070	3654120	-	5	11	K.GGDTVTLNETDLTQIPK.V	21
PLOG-10608	proteomics_log	3654070	3654171	-	5	5	K.AM*TPVAWWM*LHEETVYKGGDTVTLNETDLTQIPK.V	40
PLOG-10609	proteomics_log	3654070	3654171	-	5	61	K.AMTPVAWWMMLHEETVYKGGDTVTLNETDLTQIPK.V	38
PLOG-10610	proteomics_log	3654121	3654171	-	5	32	K.AMTPVAWWMMLHEETVYK.G	21
PLOG-10611	proteomics_log	3654172	3654213	-	5	2	A.KDMTCQEFIDLNP.K.A	18
PLOG-10612	proteomics_log	3654172	3654228	-	5	18	A.ANESAKDMTCQEFIDLNP.K.A	23
PLOG-10613	proteomics_log	3654434	3654463	-	6	7	K.GEWDKIKKDM.-	14
PLOG-10614	proteomics_log	3654440	3654463	-	6	2	K.GEWDKIKK.D	12
PLOG-10615	proteomics_log	3654440	3654469	-	6	4	K.VKGEWDKIKK.D	14
PLOG-10616	proteomics_log	3657873	3657899	-	4	3	H.RLREIDINR.V	13
PLOG-10617	proteomics_log	3663042	3663146	-	4	2	R.NYYGMTPTHEYQERSAQRLSNRDSAASIVAQGNFYG.T	39
PLOG-10618	proteomics_log	3664212	3664244	-	4	4	K.LQGIAQQNSFK.H	15
PLOG-10619	proteomics_log	3664212	3664244	-	4	4	K.LQGIAQQNSFK.H	15
PLOG-10620	proteomics_log	3664212	3664265	-	4	4	K.YLSDHPKLQGIAQQNSFK.H	22
PLOG-10621	proteomics_log	3664212	3664265	-	4	4	K.YLSDHPKLQGIAQQNSFK.H	22

PLOG-10622	proteomics_log	3664266	3664322	-	4	13	R.GFEMDFAELLEDYKASLK.Y	23
PLOG-10623	proteomics_log	3664266	3664322	-	4	13	R.GFEMDFAELLEDYKASLK.Y	23
PLOG-10624	proteomics_log	3664266	3664325	-	4	12	R.RGFEMDFAELLEDYKASLK.Y	24
PLOG-10625	proteomics_log	3664266	3664325	-	4	12	R.RGFEMDFAELLEDYKASLK.Y	24
PLOG-10626	proteomics_log	3664278	3664322	-	4	3	R.GFEMDFAELLEDYK.A	19
PLOG-10627	proteomics_log	3664278	3664322	-	4	3	R.GFEMDFAELLEDYK.A	19
PLOG-10628	proteomics_log	3664527	3664580	-	4	8	K.VQNASYQVAAYLADEIAK.L	22
PLOG-10629	proteomics_log	3664527	3664580	-	4	8	K.VQNASYQVAAYLADEIAK.L	22
PLOG-10630	proteomics_log	3665070	3665090	-	4	7	R.YWDVELR.E	11
PLOG-10631	proteomics_log	3665070	3665090	-	4	7	R.YWDVELR.E	11
PLOG-10632	proteomics_log	3665307	3665381	-	4	27	K.LMDLSINKNWDKKEEYPQSAIDL.R.C	29
PLOG-10633	proteomics_log	3665307	3665381	-	4	27	K.LMDLSINKNWDKKEEYPQSAIDL.R.C	29
PLOG-10634	proteomics_log	3665433	3665489	-	4	8	R.DDVAFAQIINDELYLDGNAR.Q	23
PLOG-10635	proteomics_log	3665433	3665489	-	4	8	R.DDVAFAQIINDELYLDGNAR.Q	23
PLOG-10636	proteomics_log	3665433	3665513	-	4	6	K.RFPLHEM*RDDVAFAQIINDELYLDGNAR.Q	32
PLOG-10637	proteomics_log	3665433	3665513	-	4	16	K.RFPLHEMRDDVAFAQIINDELYLDGNAR.Q	31
PLOG-10638	proteomics_log	3665433	3665513	-	4	6	K.RFPLHEM*RDDVAFAQIINDELYLDGNAR.Q	32
PLOG-10639	proteomics_log	3665433	3665513	-	4	16	K.RFPLHEMRDDVAFAQIINDELYLDGNAR.Q	31
PLOG-10640	proteomics_log	3668314	3668352	-	5	2	V.EIAARTAYTIFFK.Q	17
PLOG-10641	proteomics_log	3675048	3675107	-	4	3	R.RIEHGSSLPLISDLSTHIIK.N	24
PLOG-10642	proteomics_log	3676032	3676070	-	4	2	R.VEATLAPLALLTK.T	17
PLOG-10643	proteomics_log	3679670	3679714	-	6	2	R.IALTQSGGLDAAQAR.S	19
PLOG-10644	proteomics_log	3679715	3679783	-	6	9	R.LLVNTGSLAESTQSGYSHAIPR.I	27
PLOG-10645	proteomics_log	3682583	3682666	-	6	2	A.NGVQEPWHAITLGQQVLTIMSERLPIER.I	32
PLOG-10646	proteomics_log	3700301	3700369	-	6	5	R.GLM*LDPDVVIADEPVSALDVSVR.A	28
PLOG-10647	proteomics_log	3700301	3700369	-	6	8	R.GLMLDPDVVIADEPVSALDVSVR.A	27
PLOG-10648	proteomics_log	3700391	3700450	-	6	25	K.VGLKTEHYDRYPHMFSGGQR.Q	24
PLOG-10649	proteomics_log	3700490	3700540	-	6	5	K.VGQILEEPLLINTSLK.E	21
PLOG-10650	proteomics_log	3700547	3700591	-	6	2	K.IQIVFQNPYGS LNPR.K	19
PLOG-10651	proteomics_log	3700694	3700750	-	6	3	R.GKTLAVVGESGCGKSTLGR.L	23
PLOG-10652	proteomics_log	3700751	3700783	-	6	17	K.ALDGVSFNLER.G	15
PLOG-10653	proteomics_log	3700784	3700813	-	6	2	K.GMFAPERLVK.A	14
PLOG-10654	proteomics_log	3700939	3700977	-	5	3	R.AEEPALNMLADGR.Q	17
PLOG-10655	proteomics_log	3701203	3701265	-	5	2	K.ENMALVLITHDLALVAEAAHK.I	25
PLOG-10656	proteomics_log	3701209	3701265	-	5	2	K.ENMALVLITHDLALVAEAA.H	23
PLOG-10657	proteomics_log	3701266	3701352	-	5	3	K.LLIADEPTTALDVTIQAQIIELLLQLQK.E	33
PLOG-10658	proteomics_log	3701686	3701733	-	5	2	K.SVSSLAIMGLIDYPGR.V	20
PLOG-10659	proteomics_log	3701797	3701868	-	5	3	M.ALLNVDKLSVHFGDESAPFRAVDR.I	28
PLOG-10660	proteomics_log	3701809	3701868	-	5	24	M.ALLNVDKLSVHFGDESAPFR.A	24
PLOG-10661	proteomics_log	3704124	3704150	-	4	3	K.HHFENVISIE.-	13
PLOG-10662	proteomics_log	3704124	3704177	-	4	273	K.GYVVDPLGKHHFENVISIE.-	22
PLOG-10663	proteomics_log	3704124	3704186	-	4	3	K.EVKGYVVDPLGKHHFENVISIE.-	25
PLOG-10664	proteomics_log	3704139	3704177	-	4	3	K.GYVVDPLGKHHFE.N	17
PLOG-10665	proteomics_log	3704151	3704177	-	4	5	K.GYVVDPLGK.H	13
PLOG-10666	proteomics_log	3704178	3704264	-	4	3	K.QAQVVM*HDQAPALIAHSTVFEPVRKEVK.G	34
PLOG-10667	proteomics_log	3704178	3704264	-	4	22	K.QAQVVMHDQAPALIAHSTVFEPVRKEVK.G	33

PLOG-10668	proteomics_log	3704178	3704279	-	4	3	R.VELYKQAQVVM*HDQAPALIAHSTVFEPVRKEVK.G	39
PLOG-10669	proteomics_log	3704178	3704279	-	4	4	R.VELYKQAQVVMHDQAPALIAHSTVFEPVRKEVK.G	38
PLOG-10670	proteomics_log	3704187	3704264	-	4	3	K.QAQVVM*HDQAPALIAHSTVFEPVRK.E	31
PLOG-10671	proteomics_log	3704187	3704264	-	4	78	K.QAQVVMHDQAPALIAHSTVFEPVRK.E	30
PLOG-10672	proteomics_log	3704187	3704279	-	4	4	R.VELYKQAQVVM*HDQAPALIAHSTVFEPVRK.E	36
PLOG-10673	proteomics_log	3704187	3704279	-	4	8	R.VELYKQAQVVMHDQAPALIAHSTVFEPVRK.E	35
PLOG-10674	proteomics_log	3704190	3704264	-	4	13	K.QAQVVMHDQAPALIAHSTVFEPVR.K	29
PLOG-10675	proteomics_log	3704265	3704303	-	4	45	R.ATDDHNKRVELYK.Q	17
PLOG-10676	proteomics_log	3704304	3704345	-	4	2	K.WCYKPFEDLIQPAR.A	18
PLOG-10677	proteomics_log	3704469	3704504	-	4	178	K.IVITYEWGEYLKR.A	16
PLOG-10678	proteomics_log	3704472	3704504	-	4	159	K.IVITYEWGEYLK.R	15
PLOG-10679	proteomics_log	3704505	3704555	-	4	13	R.MAEMIQADWAKVGVQAK.I	21
PLOG-10680	proteomics_log	3704505	3704558	-	4	63	R.RMAEMIQADWAKVGVQAK.I	22
PLOG-10681	proteomics_log	3704523	3704555	-	4	135	R.MAEMIQADWAK.V	15
PLOG-10682	proteomics_log	3704523	3704558	-	4	2	R.RMAEM*IQADWAK.V	17
PLOG-10683	proteomics_log	3704523	3704558	-	4	220	R.RMAEMIQADWAK.V	16
PLOG-10684	proteomics_log	3704559	3704582	-	4	28	Q.RPYNPNAR.R	12
PLOG-10685	proteomics_log	3704559	3704618	-	4	4	K.GFSIDLWAM*PVQRPYNPNAR.R	25
PLOG-10686	proteomics_log	3704559	3704618	-	4	49	K.GFSIDLWAMPVQRPYNPNAR.R	24
PLOG-10687	proteomics_log	3704559	3704636	-	4	15	K.EAGLEKGFSDLWAMPVQRPYNPNAR.R	30
PLOG-10688	proteomics_log	3704559	3704648	-	4	136	K.ALLKEAGLEKGFSDLWAMPVQRPYNPNAR.R	34
PLOG-10689	proteomics_log	3704583	3704618	-	4	3	K.GFSIDLWAMPVQ.R	16
PLOG-10690	proteomics_log	3704619	3704648	-	4	209	K.ALLKEAGLEK.G	14
PLOG-10691	proteomics_log	3704619	3704654	-	4	5	K.AKALLKEAGLEK.G	16
PLOG-10692	proteomics_log	3704649	3704723	-	4	27	K.NLIPPTMWGYNDDVQDYTYDPEKAK.A	29
PLOG-10693	proteomics_log	3704655	3704723	-	4	2	K.NLIPPTM*WGYNDDVQDYTYDPEK.A	28
PLOG-10694	proteomics_log	3704655	3704723	-	4	7	K.NLIPPTMWGYNDDVQDYTYDPEK.A	27
PLOG-10695	proteomics_log	3704724	3704756	-	4	275	K.AVYQGAGVSAK.N	15
PLOG-10696	proteomics_log	3704724	3704771	-	4	3	K.DAIKAVYQGAGVSAK.N	20
PLOG-10697	proteomics_log	3704724	3704774	-	4	96	N.KDAIKAVYQGAGVSAK.N	21
PLOG-10698	proteomics_log	3704724	3704798	-	4	225	R.QALTYAVNKDAIKAVYQGAGVSAK.N	29
PLOG-10699	proteomics_log	3704724	3704804	-	4	3	K.VRQALTYAVNKDAIKAVYQGAGVSAK.N	31
PLOG-10700	proteomics_log	3704757	3704783	-	4	4	Y.AVNKDAIK.A	13
PLOG-10701	proteomics_log	3704757	3704798	-	4	269	R.QALTYAVNKDAIK.A	18
PLOG-10702	proteomics_log	3704757	3704804	-	4	22	K.VRQALTYAVNKDAIK.A	20
PLOG-10703	proteomics_log	3704799	3704825	-	4	50	K.KPLDDVKVR.Q	13
PLOG-10704	proteomics_log	3704799	3704837	-	4	3	Y.NVQKKPLDDVKVR.Q	17
PLOG-10705	proteomics_log	3704799	3704888	-	4	5	K.SINLMEM*PGLNVGYLSYINVQKKPLDDVKVR.Q	35
PLOG-10706	proteomics_log	3704799	3704888	-	4	7	K.SINLM*EMPGLNVGYLSYINVQKKPLDDVKVR.Q	35
PLOG-10707	proteomics_log	3704799	3704888	-	4	5	K.SINLM*EM*PGLNVGYLSYINVQKKPLDDVKVR.Q	36
PLOG-10708	proteomics_log	3704799	3704888	-	4	238	K.SINLMEMPGLNVGYLSYINVQKKPLDDVKVR.Q	34
PLOG-10709	proteomics_log	3704799	3704903	-	4	2	R.MKQDKSINLMEMPGLNVGYLSYINVQKKPLDDVKVR.Q	39
PLOG-10710	proteomics_log	3704799	3704903	-	4	2	R.M*KQDKSINLMEMPGLNVGYLSYINVQKKPLDDVKVR.Q	40
PLOG-10711	proteomics_log	3704799	3704903	-	4	2	R.M*KQDKSINLM*EM*PGLNVGYLSYINVQKKPLDDVKVR.Q	42
PLOG-10712	proteomics_log	3704805	3704825	-	4	17	K.KPLDDVK.V	11
PLOG-10713	proteomics_log	3704805	3704888	-	4	2	K.SINLMEM*PGLNVGYLSYINVQKKPLDDVK.V	33

PLOG-10714	proteomics_log	3704805	3704888	-	4	171	K.SINLMEMPGLNVGYLSYINVQKPLDDVK.V	32
PLOG-10715	proteomics_log	3704826	3704888	-	4	2	K.SINLMEM*PGLNVGYLSYINVQK.K	26
PLOG-10716	proteomics_log	3704826	3704888	-	4	3	K.SINLM*EMPGLNVGYLSYINVQK.K	26
PLOG-10717	proteomics_log	3704826	3704888	-	4	278	K.SINLMEMPGLNVGYLSYINVQK.K	25
PLOG-10718	proteomics_log	3704826	3704903	-	4	62	R.MKQDKSINLMEMPGLNVGYLSYINVQK.K	30
PLOG-10719	proteomics_log	3704826	3704918	-	4	3	P.ADIARM*KQDKSINLM*EMPGLNVGYLSYINVQK.K	37
PLOG-10720	proteomics_log	3704838	3704888	-	4	2	K.SINLM*EM*PGLNVGYLSY.N	23
PLOG-10721	proteomics_log	3704838	3704888	-	4	3	K.SINLMEMPGLNVGYLSY.N	21
PLOG-10722	proteomics_log	3704904	3704948	-	4	3	N.ECQVMPYPNPADIAR.M	19
PLOG-10723	proteomics_log	3704904	3704951	-	4	12	K.NECQVMPYPNPADIAR.M	20
PLOG-10724	proteomics_log	3704904	3704960	-	4	7	K.LQKNECQVMPYPNPADIAR.M	23
PLOG-10725	proteomics_log	3704904	3704969	-	4	11	R.YAKLQKNECQVMPYPNPADIAR.M	26
PLOG-10726	proteomics_log	3704961	3705047	-	4	11	K.AFDGYWGTKPQIDTLVFSITPDASVRYAK.L	33
PLOG-10727	proteomics_log	3704961	3705053	-	4	2	R.YKAFDGYWGTKPQIDTLVFSITPDASVRYAK.L	35
PLOG-10728	proteomics_log	3704970	3705047	-	4	188	K.AFDGYWGTKPQIDTLVFSITPDASVR.Y	30
PLOG-10729	proteomics_log	3704970	3705053	-	4	319	R.YKAFDGYWGTKPQIDTLVFSITPDASVR.Y	32
PLOG-10730	proteomics_log	3704970	3705059	-	4	122	R.IRYKAFDGYWGTKPQIDTLVFSITPDASVR.Y	34
PLOG-10731	proteomics_log	3704997	3705053	-	4	2	R.YKAFDGYWGTKPQIDTLVFSITPDASVR.Y	23
PLOG-10732	proteomics_log	3705060	3705140	-	4	249	K.AGTPEKLDLNPIGTGPFQLQQYQKDSR.I	31
PLOG-10733	proteomics_log	3705069	3705122	-	4	9	K.LDLNPIGTGPFQLQQYQK.D	22
PLOG-10734	proteomics_log	3705069	3705140	-	4	136	K.AGTPEKLDLNPIGTGPFQLQQYQK.D	28
PLOG-10735	proteomics_log	3705138	3705260	-	4	4	K.KVDDNTVQFVLRPEAPFLADLAMDFASILSKEYADAM*M*K.A.G	47
PLOG-10736	proteomics_log	3705141	3705164	-	4	11	K.EYADAMMK.A	12
PLOG-10737	proteomics_log	3705141	3705233	-	4	2	F.VLTRPEAPFLADLAMDFASILSKEYADAM*M*K.A	37
PLOG-10738	proteomics_log	3705141	3705233	-	4	3	F.VLTRPEAPFLADLAM*DFASILSKEYADAMMK.A	36
PLOG-10739	proteomics_log	3705141	3705233	-	4	2	F.VLTRPEAPFLADLAM*DFASILSKEYADAM*M*K.A	38
PLOG-10740	proteomics_log	3705141	3705233	-	4	151	F.VLTRPEAPFLADLAMDFASILSKEYADAMMK.A	35
PLOG-10741	proteomics_log	3705141	3705257	-	4	3	K.VDDNTVQFVLRPEAPFLADLAM*DFASILSKEYADAM*M*K.A	46
PLOG-10742	proteomics_log	3705141	3705257	-	4	58	K.VDDNTVQFVLRPEAPFLADLAMDFASILSKEYADAMMK.A	43
PLOG-10743	proteomics_log	3705141	3705260	-	4	2	K.KVDDNTVQFVLRPEAPFLADLAMDFASILSKEYADAM*M*K.A	45
PLOG-10744	proteomics_log	3705141	3705260	-	4	5	K.KVDDNTVQFVLRPEAPFLADLAMDFASILSKEYADAM*M*K.A	45
PLOG-10745	proteomics_log	3705141	3705260	-	4	6	K.KVDDNTVQFVLRPEAPFLADLAM*DFASILSKEYADAMMK.A	45
PLOG-10746	proteomics_log	3705141	3705260	-	4	2	K.VDDNTVQFVLRPEAPFLADLAMDFASILSKEYADAM*M*K.A	46
PLOG-10747	proteomics_log	3705141	3705260	-	4	2	K.KVDDNTVQFVLRPEAPFLADLAM*DFASILSKEYADAM*M*K.A	47
PLOG-10748	proteomics_log	3705141	3705260	-	4	219	K.KVDDNTVQFVLRPEAPFLADLAMDFASILSKEYADAMMK.A	44
PLOG-10749	proteomics_log	3705165	3705233	-	4	16	F.VLTRPEAPFLADLAM*DFASILSK.E	28
PLOG-10750	proteomics_log	3705165	3705233	-	4	95	F.VLTRPEAPFLADLAMDFASILSK.E	27
PLOG-10751	proteomics_log	3705165	3705257	-	4	13	K.VDDNTVQFVLRPEAPFLADLAM*DFASILSK.E	36
PLOG-10752	proteomics_log	3705165	3705257	-	4	127	K.VDDNTVQFVLRPEAPFLADLAMDFASILSK.E	35
PLOG-10753	proteomics_log	3705165	3705260	-	4	70	K.KVDDNTVQFVLRPEAPFLADLAM*DFASILSK.E	37
PLOG-10754	proteomics_log	3705165	3705260	-	4	251	K.KVDDNTVQFVLRPEAPFLADLAMDFASILSK.E	36
PLOG-10755	proteomics_log	3705165	3705284	-	4	2	L.PELISEVKKVDDNTVQFVLRPEAPFLADLAMDFASILSK.E	44
PLOG-10756	proteomics_log	3705234	3705326	-	4	4	K.VSGGSYEFEGMGLPELISEVKKVDDNTVQF.V	35
PLOG-10757	proteomics_log	3705258	3705326	-	4	8	K.VSGGSYEFEGMGLPELISEVKK.V	27
PLOG-10758	proteomics_log	3705258	3705350	-	4	2	K.NAQNPYHKVSGGSYEFEGMGLPELISEVKK.V	35
PLOG-10759	proteomics_log	3705261	3705326	-	4	5	K.VSGGSYEFEGM*GLPELISEVKK.K	27



PLOG-10760	proteomics_log	3705261	3705326	-	4	204	K.VSGGSYEFEGMGLPELISEVK.K	26
PLOG-10761	proteomics_log	3705261	3705350	-	4	4	K.NAQNPYHKVSGGSYEFEGM*GLPELISEVK.K	35
PLOG-10762	proteomics_log	3705261	3705350	-	4	38	K.NAQNPYHKVSGGSYEFEGMGLPELISEVK.K	34
PLOG-10763	proteomics_log	3705261	3705356	-	4	4	R.QKNAQNPYHKVSGGSYEFEGM*GLPELISEVK.K	37
PLOG-10764	proteomics_log	3705327	3705350	-	4	21	K.NAQNPYHK.V	12
PLOG-10765	proteomics_log	3705351	3705395	-	4	66	R.ELNADDVVFSFDRQK.N	19
PLOG-10766	proteomics_log	3705351	3705428	-	4	7	K.WHDNKEFKPTRELNADDVVFSFDRQK.N	30
PLOG-10767	proteomics_log	3705357	3705395	-	4	182	R.ELNADDVVFSFDR.Q	17
PLOG-10768	proteomics_log	3705357	3705428	-	4	37	K.WHDNKEFKPTRELNADDVVFSFDR.Q	28
PLOG-10769	proteomics_log	3705396	3705428	-	4	53	K.WHDNKEFKPTR.E	15
PLOG-10770	proteomics_log	3705396	3705437	-	4	14	K.GVKWHDNKEFKPTR.E	18
PLOG-10771	proteomics_log	3705396	3705440	-	4	7	R.KGVKWHDNKEFKPTR.E	19
PLOG-10772	proteomics_log	3705438	3705485	-	4	3	K.WEVEDGKTYTFHLRK.G	20
PLOG-10773	proteomics_log	3705438	3705524	-	4	40	K.IGTTEVIPGLAEKWEVEDGKTYTFHLRK.G	33
PLOG-10774	proteomics_log	3705441	3705485	-	4	8	K.WEVEDGKTYTFHLR.K	19
PLOG-10775	proteomics_log	3705441	3705524	-	4	155	K.IGTTEVIPGLAEKWEVEDGKTYTFHLR.K	32
PLOG-10776	proteomics_log	3705462	3705524	-	4	12	K.IGTTEVIPGLAEKWEVEDGK.T	25
PLOG-10777	proteomics_log	3705486	3705524	-	4	167	K.IGTTEVIPGLAEK.W	17
PLOG-10778	proteomics_log	3705486	3705539	-	4	13	R.LVEFKIGTTEVIPGLAEK.W	22
PLOG-10779	proteomics_log	3705525	3705644	-	4	9	A.KTLVYCSEGSPEGFNPQLFTSGTTYDASSVPLYNRLVEFK.I	44
PLOG-10780	proteomics_log	3705540	3705644	-	4	10	A.KTLVYCSEGSPEGFNPQLFTSGTTYDASSVPLYNR.L	39
PLOG-10781	proteomics_log	3705540	3705647	-	4	2	Q.AKTLVYCSEGSPEGFNPQLFTSGTTYDASSVPLYNR.L	40
PLOG-10782	proteomics_log	3710747	3710764	-	6	2	N.VFKVAK.G	10
PLOG-10783	proteomics_log	3716360	3716431	-	6	6	K.LIAPLPAQHQAQFNQAWTTAVTATQ.-	28
PLOG-10784	proteomics_log	3716603	3716680	-	6	7	K.LQADAAHSALKQSDDLKPVFDQAFTK.V	30
PLOG-10785	proteomics_log	3716648	3716680	-	6	3	K.LQADAAHSALK.Q	15
PLOG-10786	proteomics_log	3720378	3720425	-	4	3	R.INRLTMLEKLRELFLR.V	20
PLOG-10787	proteomics_log	3720399	3720425	-	4	2	R.INRLTMLEK.L	13
PLOG-10788	proteomics_log	3720426	3720521	-	4	98	R.YQDALVELAELREPVDAFFDKVMVMVDDKELR.I	36
PLOG-10789	proteomics_log	3720459	3720521	-	4	5	R.YQDALVELAELREPVDAFFDK.V	25
PLOG-10790	proteomics_log	3720555	3720620	-	4	7	R.VNASTLKEPEEIKLAMQVVVLR.D	26
PLOG-10791	proteomics_log	3720666	3720707	-	4	177	R.TLDAALAAANR.V	18
PLOG-10792	proteomics_log	3720708	3720731	-	4	43	R.MKAVSHFR.T	12
PLOG-10793	proteomics_log	3720732	3720764	-	4	5	R.RPTRPADFDAR.M	15
PLOG-10794	proteomics_log	3720765	3720827	-	4	2	R.FRAWYQDEGYTVDTIQAVLAR.R	25
PLOG-10795	proteomics_log	3720828	3720878	-	4	27	K.LTNANVVDDVIDFMLGR.F	21
PLOG-10796	proteomics_log	3720828	3720893	-	4	75	R.LYGDKLTNANVVDDVIDFMLGR.F	26
PLOG-10797	proteomics_log	3720828	3720938	-	4	19	K.NLNLDLQTLTTEEAVRLYGDKLTNANVVDDVIDFMLGR.F	41
PLOG-10798	proteomics_log	3720828	3720953	-	4	3	R.IIVEKNLNLDLQTLTTEEAVR.L	46
PLOG-10799	proteomics_log	3720894	3720938	-	4	24	K.NLNLDLQTLTTEEAVR.L	19
PLOG-10800	proteomics_log	3720894	3720953	-	4	6	R.IIVEKNLNLDLQTLTTEEAVR.L	24
PLOG-10801	proteomics_log	3721002	3721109	-	4	12	R.FAGDDLPSNPVACALAIADKMDTLGIFGIGQHPKG.D	40
PLOG-10802	proteomics_log	3721110	3721166	-	4	4	R.HDGEAEDVAVALNEQYQPR.F	23
PLOG-10803	proteomics_log	3721239	3721319	-	4	15	R.IQALAGWIAEQIGADVNHATRAGLLSK.C	31
PLOG-10804	proteomics_log	3721257	3721304	-	4	10	A.GWIAEQIGADVNHATR.A	20
PLOG-10805	proteomics_log	3721257	3721319	-	4	139	R.IQALAGWIAEQIGADVNHATR.A	25

PLOG-10806	proteomics_log	3721257	3721328	-	4	21	K.TDRIQALAGWIAEQIGADVNHATR.A	28
PLOG-10807	proteomics_log	3721257	3721334	-	4	42	R.DKTDRIQALAGWIAEQIGADVNHATR.A	30
PLOG-10808	proteomics_log	3721320	3721376	-	4	2	R.LQTVLFQQQLGTLRDKTDR.I	23
PLOG-10809	proteomics_log	3721335	3721376	-	4	79	R.LQTVLFQQQLGTLR.D	18
PLOG-10810	proteomics_log	3721377	3721397	-	4	2	R.LEDNLPR.L	11
PLOG-10811	proteomics_log	3721377	3721400	-	4	111	K.RLEDNLPR.L	12
PLOG-10812	proteomics_log	3721377	3721442	-	4	2	R.LADAEFFFNTRDKRLEDNLPR.L	26
PLOG-10813	proteomics_log	3721404	3721442	-	4	4	R.LADAEFFFNTRDK.K	17
PLOG-10814	proteomics_log	3721407	3721442	-	4	50	R.LADAEFFFNTRDK.K	16
PLOG-10815	proteomics_log	3721458	3721532	-	4	18	K.LLPNFIFVANIESKDPQQIISGNEK.V	29
PLOG-10816	proteomics_log	3721575	3721616	-	4	40	K.FLAVPAEALVYTMK.G	18
PLOG-10817	proteomics_log	3721617	3721712	-	4	97	K.IGGNADLSESLLEEVAASLVEWPVVLTAKFEEK.F	36
PLOG-10818	proteomics_log	3721617	3721715	-	4	196	R.KIGGNADLSESLLEEVAASLVEWPVVLTAKFEEK.F	37
PLOG-10819	proteomics_log	3721629	3721691	-	4	3	L.SESLLEEVAASLVEWPVVLTAK.F	25
PLOG-10820	proteomics_log	3721629	3721712	-	4	97	K.IGGNADLSESLLEEVAASLVEWPVVLTAK.F	32
PLOG-10821	proteomics_log	3721629	3721715	-	4	166	R.KIGGNADLSESLLEEVAASLVEWPVVLTAK.F	33
PLOG-10822	proteomics_log	3721713	3721745	-	4	7	K.IKADAEAAARK.I	15
PLOG-10823	proteomics_log	3721716	3721745	-	4	56	K.IKADAEAAAR.K	14
PLOG-10824	proteomics_log	3721716	3721751	-	4	7	K.AKIKADAEAAAR.K	16
PLOG-10825	proteomics_log	3721716	3721754	-	4	3	R.KAKIKADAEAAAR.K	17
PLOG-10826	proteomics_log	3721746	3721784	-	4	9	R.GKVIADYEERKAK.I	17
PLOG-10827	proteomics_log	3721752	3721784	-	4	2	R.GKVIADYEERK.A	15
PLOG-10828	proteomics_log	3721755	3721784	-	4	43	R.GKVIADYEER.K	14
PLOG-10829	proteomics_log	3721785	3721850	-	4	3	R.FM*GEPEFTIDNADQYPEILRER.G	27
PLOG-10830	proteomics_log	3721785	3721850	-	4	5	R.FMGEPEFTIDNADQYPEILRER.G	26
PLOG-10831	proteomics_log	3721791	3721850	-	4	7	R.FM*GEPEFTIDNADQYPEILR.E	25
PLOG-10832	proteomics_log	3721791	3721850	-	4	69	R.FMGEPEFTIDNADQYPEILR.E	24
PLOG-10833	proteomics_log	3721869	3721907	-	4	5	K.VIPATILGIQSDR.V	17
PLOG-10834	proteomics_log	3721869	3721922	-	4	8	L.LLGDKVIPATILGIQSDR.V	22
PLOG-10835	proteomics_log	3721869	3721973	-	4	96	R.WGASDVHFVRPVHTVTLTLLGDKVIPATILGIQSDR.V	39
PLOG-10836	proteomics_log	3721908	3721973	-	4	36	R.WGASDVHFVRPVHTVTLTLLGDK.V	26
PLOG-10837	proteomics_log	3721983	3722036	-	4	4	E.ALLPNMVATSLAKLPIPK.L	22
PLOG-10838	proteomics_log	3721983	3722063	-	4	5	R.AHVKGESTEALLPNM*VATSLAKLPIPK.L	32
PLOG-10839	proteomics_log	3721983	3722063	-	4	171	R.AHVKGESTEALLPNMVATSLAKLPIPK.L	31
PLOG-10840	proteomics_log	3721998	3722063	-	4	2	R.AHVKGESTEALLPNM*VATSLAK.L	27
PLOG-10841	proteomics_log	3721998	3722063	-	4	27	R.AHVKGESTEALLPNMVATSLAK.L	26
PLOG-10842	proteomics_log	3722064	3722099	-	4	33	R.LTTDKGEWLLYR.A	16
PLOG-10843	proteomics_log	3722133	3722201	-	4	4	R.GPAIAQAFDAEGKPSKAAEGWAR.G	27
PLOG-10844	proteomics_log	3722133	3722204	-	4	7	K.RGPAIAQAFDAEGKPSKAAEGWAR.G	28
PLOG-10845	proteomics_log	3722154	3722201	-	4	5	R.GPAIAQAFDAEGKPSK.A	20
PLOG-10846	proteomics_log	3722154	3722204	-	4	6	K.RGPAIAQAFDAEGKPSK.A	21
PLOG-10847	proteomics_log	3722202	3722249	-	4	2	K.VANLAEAQPDREIEKR.G	20
PLOG-10848	proteomics_log	3722205	3722249	-	4	44	K.VANLAEAQPDREIEK.R	19
PLOG-10849	proteomics_log	3722205	3722264	-	4	33	R.RLALKVANLAEAQPDREIEK.R	24
PLOG-10850	proteomics_log	3722262	3722357	-	4	3	R.SLAESFAANFTAELDNAGLAHGTVQWFAAPRR.L	36
PLOG-10851	proteomics_log	3722265	3722357	-	4	186	R.SLAESFAANFTAELDNAGLAHGTVQWFAAPR.R	35

PLOG-10852	proteomics_log	3722358	3722417	-	4	76	M.SEKTLVEIGTEELPPKALR.S	24
PLOG-10853	proteomics_log	3722469	3722498	-	4	17	K.AVAEAYASR.E	14
PLOG-10854	proteomics_log	3722469	3722516	-	4	3	R.IRTLTKAVAEAYASR.E	20
PLOG-10855	proteomics_log	3722535	3722558	-	4	12	R.KAISVTER.Q	12
PLOG-10856	proteomics_log	3722556	3722600	-	4	3	R.ILKAAHSFNLLDARK.A	19
PLOG-10857	proteomics_log	3722559	3722591	-	4	2	K.AAHSFNLLDAR.K	15
PLOG-10858	proteomics_log	3722559	3722600	-	4	12	R.ILKAAHSFNLLDAR.K	18
PLOG-10859	proteomics_log	3722766	3722834	-	4	8	R.LAMYIQGVDSVYDLVWSDGPLGK.T	27
PLOG-10860	proteomics_log	3723153	3723200	-	4	3	R.ELGPEPMAAAYVQPSR.R	20
PLOG-10861	proteomics_log	3723276	3723320	-	4	34	R.TFQGLILTLQDYWAR.Q	19
PLOG-10862	proteomics_log	3726486	3726527	-	4	5	S.VM*LSAASCLDWAAK.L	19
PLOG-10863	proteomics_log	3753275	3753325	-	6	11	R.VFQEEIFGPVLAVTTFK.T	21
PLOG-10864	proteomics_log	3753434	3753529	-	6	7	R.SGNPLDSVTQMGAQVSHGQLETILNYIDIGKK.E	36
PLOG-10865	proteomics_log	3756493	3756543	-	5	10	R.MALPMEDEALVLLIEK.M	21
PLOG-10866	proteomics_log	3756631	3756723	-	5	2	R.QLNGEGMRELLQPPGYIQAGYSLLNAPVAAR.W	35
PLOG-10867	proteomics_log	3756724	3756759	-	5	4	R.GAVNLADFAWAR.Q	16
PLOG-10868	proteomics_log	3756760	3756801	-	5	3	R.AQSDADALSVHLER.G	18
PLOG-10869	proteomics_log	3756802	3756843	-	5	2	K.RKPEYLQWLASLAR.A	18
PLOG-10870	proteomics_log	3756898	3756996	-	5	6	R.VSLLLEDNLAELVFDTPWLADNDRLVLRDISAR.N	37
PLOG-10871	proteomics_log	3756913	3756996	-	5	57	R.VSLLLEDNLAELVFDTPWLADNDRLVLR.D	32
PLOG-10872	proteomics_log	3756925	3756996	-	5	4	R.VSLLLEDNLAELVFDTPWLADNDR.L	28
PLOG-10873	proteomics_log	3757177	3757227	-	5	10	R.ALHAQNQPTETANAGQR.I	21
PLOG-10874	proteomics_log	3758256	3758306	-	4	2	R.ALRADKMTLAALEATLR.L	21
PLOG-10875	proteomics_log	3759652	3759705	-	5	15	R.KIEALADGIMDAGLVSVR.E	22
PLOG-10876	proteomics_log	3759913	3759939	-	5	7	R.KLSILLEK.G	13
PLOG-10877	proteomics_log	3759940	3759978	-	5	4	G.MKLVGSYTSPPFVR.K	17
PLOG-10878	proteomics_log	3761875	3761901	-	5	2	P.RGAPPSSAR.S	13
PLOG-10879	proteomics_log	3761875	3761901	-	5	2	P.RGAPPSSAR.S	13
PLOG-10880	proteomics_log	3762831	3762881	-	4	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-10881	proteomics_log	3762831	3762881	-	4	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-10882	proteomics_log	3762831	3762881	-	4	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-10883	proteomics_log	3770747	3770860	-	6	2	R.IFAGSTKIDASGMSWTTMKLTPAASILDRASTIGPMP.R	42
PLOG-10884	proteomics_log	3775704	3775799	-	4	2	R.AETETDDQHLQTLVRGYRKNRRANDVKLPGFH.R	36
PLOG-10885	proteomics_log	3777444	3777524	-	4	3	E.NERPLVRRYPGLHLALLQSKAESFLCR.Q	31
PLOG-10886	proteomics_log	3779860	3779928	-	5	3	K.IGAGSVVLQVPPHTTAAGVPAR.I	27
PLOG-10887	proteomics_log	3779938	3779964	-	5	4	K.ILGNIEVGR.G	13
PLOG-10888	proteomics_log	3780025	3780129	-	5	2	R.GIMLDHATGIVVGETAVIENDVSILQSVTLGGTGK.S	39
PLOG-10889	proteomics_log	3781100	3781150	-	6	2	R.VYSNPDFIGVQLGGAVK.N	21
PLOG-10890	proteomics_log	3781406	3781453	-	6	2	R.NILVVVPSHVFGEVLR.Q	20
PLOG-10891	proteomics_log	3781687	3781791	-	5	16	R.GTFPQLNLAPVNFDAFM*NYLQQQAGEGTEEHQDA.-	40
PLOG-10892	proteomics_log	3781687	3781791	-	5	238	R.GTFPQLNLAPVNFDAFMNYLQQQAGEGTEEHQDA.-	39
PLOG-10893	proteomics_log	3781969	3782028	-	5	95	K.LDLDTASSQLADDVYEVVLR.V	24
PLOG-10894	proteomics_log	3782029	3782094	-	5	9	K.DISFEAPNAPHVFQKDWQPEVK.L	26
PLOG-10895	proteomics_log	3782029	3782106	-	5	15	R.IYTKDISFEAPNAPHVFQKDWQPEVK.L	30
PLOG-10896	proteomics_log	3782050	3782094	-	5	17	K.DISFEAPNAPHVFQK.D	19
PLOG-10897	proteomics_log	3782050	3782106	-	5	25	R.IYTKDISFEAPNAPHVFQK.D	23

PLOG-10898	proteomics_log	3782238	3782315	-	4	5	R.TTVPQIFIDAQHIGGCCDDLYALDARG.G	30
PLOG-10899	proteomics_log	3782238	3782324	-	4	10	R.SGRRTTVPQIFIDAQHIGGCCDDLYALDARG.G	33
PLOG-10900	proteomics_log	3782241	3782267	-	4	3	C.DDLYALDAR.G	13
PLOG-10901	proteomics_log	3782241	3782315	-	4	9	R.TTVPQIFIDAQHIGGCCDDLYALDAR.G	29
PLOG-10902	proteomics_log	3782241	3782324	-	4	9	R.SGRRTTVPQIFIDAQHIGGCCDDLYALDAR.G	32
PLOG-10903	proteomics_log	3782325	3782390	-	4	2	K.GVSFQELPIDGNAAKREEM*IKR.S	27
PLOG-10904	proteomics_log	3782325	3782390	-	4	3	K.GVSFQELPIDGNAAKREEMIKR.S	26
PLOG-10905	proteomics_log	3782325	3782408	-	4	6	K.ALLSSKGVSFQELPIDGNAAKREEM*IKR.S	33
PLOG-10906	proteomics_log	3782325	3782408	-	4	8	K.ALLSSKGVSFQELPIDGNAAKREEMIKR.S	32
PLOG-10907	proteomics_log	3782346	3782390	-	4	13	K.GVSFQELPIDGNAAK.R	19
PLOG-10908	proteomics_log	3782415	3782462	-	4	8	M.ANVEIYTKETCPYCHR.A	20
PLOG-10909	proteomics_log	3782439	3782462	-	4	8	M.ANVEIYTK.E	12
PLOG-10910	proteomics_log	3782610	3782690	-	4	3	K.AGFAQVFLKEGVAGWAGENLPLVRGK.-	31
PLOG-10911	proteomics_log	3782616	3782660	-	4	5	K.EGVAGWAGENLPLVR.G	19
PLOG-10912	proteomics_log	3782616	3782690	-	4	9	K.AGFAQVFLKEGVAGWAGENLPLVR.G	29
PLOG-10913	proteomics_log	3782661	3782690	-	4	13	K.AGFAQVFLK.E	14
PLOG-10914	proteomics_log	3783860	3783928	-	6	2	R.PGTRPAPESAGHKLFLRDPNGYR.G	27
PLOG-10915	proteomics_log	3787373	3787426	-	6	2	H.RQGNKLNLYQRHYIKITR.L	22
PLOG-10916	proteomics_log	3789804	3789842	-	4	2	K.ALGGASGGYTAAR.K	17
PLOG-10917	proteomics_log	3789906	3789953	-	4	3	V.M*VDDSHAVGFVGENGR.G	21
PLOG-10918	proteomics_log	3802882	3802941	-	5	2	K.DDIIIINDSVVNKGINKQIL.K	24
PLOG-10919	proteomics_log	3806991	3807023	-	4	3	S.RALATTSGILR.L	15
PLOG-10920	proteomics_log	3809276	3809308	-	6	48	R.QHVIYKEAKIK.-	15
PLOG-10921	proteomics_log	3809282	3809308	-	6	48	R.QHVIYKEAK.I	13
PLOG-10922	proteomics_log	3809282	3809329	-	6	3	K.KFDPVVRQHVIYKEAK.I	20
PLOG-10923	proteomics_log	3809291	3809308	-	6	3	R.QHVIYK.E	10
PLOG-10924	proteomics_log	3809309	3809329	-	6	4	K.KFDPVVR.Q	11
PLOG-10925	proteomics_log	3809309	3809356	-	6	112	R.TKPEKLELKKFDPVVR.Q	20
PLOG-10926	proteomics_log	3809309	3809359	-	6	3	K.RTKPEKLELKKFDPVVR.Q	21
PLOG-10927	proteomics_log	3809327	3809356	-	6	8	R.TKPEKLELKK.F	14
PLOG-10928	proteomics_log	3809330	3809356	-	6	6	R.TKPEKLELKK.K	13
PLOG-10929	proteomics_log	3809330	3809359	-	6	15	K.RTKPEKLELKK.K	14
PLOG-10930	proteomics_log	3809357	3809410	-	6	21	K.LVSSAGTGHFYTTTKNKR.T	22
PLOG-10931	proteomics_log	3809357	3809416	-	6	97	K.IKLVSSAGTGHFYTTTKNKR.T	24
PLOG-10932	proteomics_log	3809366	3809410	-	6	219	K.LVSSAGTGHFYTTTK.N	19
PLOG-10933	proteomics_log	3809366	3809416	-	6	349	K.IKLVSSAGTGHFYTTTK.N	21
PLOG-10934	proteomics_log	3809366	3809422	-	6	38	R.EKIKLVSSAGTGHFYTTTK.N	23
PLOG-10935	proteomics_log	3809464	3809511	-	5	4	K.GIDTVLAELRARGEKY.-	20
PLOG-10936	proteomics_log	3809464	3809526	-	5	22	R.VIDKKGIDTVLAELRARGEKY.-	25
PLOG-10937	proteomics_log	3809476	3809511	-	5	150	K.GIDTVLAELRAR.G	16
PLOG-10938	proteomics_log	3809476	3809526	-	5	146	R.VIDKKGIDTVLAELRAR.G	21
PLOG-10939	proteomics_log	3809476	3809535	-	5	19	K.GMRVIDKKGIDTVLAELRAR.G	24
PLOG-10940	proteomics_log	3809482	3809511	-	5	377	K.GIDTVLAELR.A	14
PLOG-10941	proteomics_log	3809482	3809514	-	5	32	K.KGIDTVLAELR.A	15
PLOG-10942	proteomics_log	3809482	3809517	-	5	36	D.KKGIDTVLAELR.A	16
PLOG-10943	proteomics_log	3809482	3809526	-	5	443	R.VIDKKGIDTVLAELR.A	19

PLOG-10944	proteomics_log	3809482	3809535	-	5	3	K.GM*RVIDKKGIDTVLAE LR.A	23
PLOG-10945	proteomics_log	3809482	3809535	-	5	45	K.GMRVIDKKGIDTVLAE LR.A	22
PLOG-10946	proteomics_log	3809536	3809562	-	5	100	R.FVTLRVSAK.G	13
PLOG-10947	proteomics_log	3809548	3809613	-	5	8	R.FLPNLHSHRFVVESEKRFVTLR.V	26
PLOG-10948	proteomics_log	3809548	3809616	-	5	2	R.RFLPNLHSHRFVVESEKRFVTLR.V	27
PLOG-10949	proteomics_log	3809563	3809586	-	5	103	R.FWVESEKR.F	12
PLOG-10950	proteomics_log	3809563	3809613	-	5	27	R.FLPNLHSHRFVVESEKR.F	21
PLOG-10951	proteomics_log	3809566	3809616	-	5	6	R.RFLPNLHSHRFVVESEK.R	21
PLOG-10952	proteomics_log	3809587	3809607	-	5	4	L.PNLHSHR.F	11
PLOG-10953	proteomics_log	3809587	3809613	-	5	66	R.FLPNLHSHR.F	13
PLOG-10954	proteomics_log	3809587	3809616	-	5	127	R.RFLPNLHSHR.F	14
PLOG-10955	proteomics_log	3809587	3809619	-	5	4	K.RRFLPNLHSHR.F	15
PLOG-10956	proteomics_log	3809614	3809643	-	5	96	R.SHALNATKRR.F	14
PLOG-10957	proteomics_log	3809617	3809643	-	5	58	R.SHALNATKR.R	13
PLOG-10958	proteomics_log	3809617	3809667	-	5	3	K.RPVTGNRSHALNATKR.R	21
PLOG-10959	proteomics_log	3809620	3809643	-	5	121	R.SHALNATK.R	12
PLOG-10960	proteomics_log	3809644	3809667	-	5	4	K.RPVTGNNR.S	12
PLOG-10961	proteomics_log	3809644	3809679	-	5	7	Q.VTGKRPVTGNNR.S	16
PLOG-10962	proteomics_log	3809644	3809682	-	5	5	C.QVTGKRPVTGNNR.S	17
PLOG-10963	proteomics_log	3809644	3809694	-	5	3	M.SRVCQVTGKRPVTGNNR.S	21
PLOG-10964	proteomics_log	3813177	3813260	-	4	3	K.VISIITLKDLIAYLEEKPEMAEHLAAVK.A	32
PLOG-10965	proteomics_log	3813363	3813434	-	4	3	R.VM*LVDDVITAGTAIRESM*EIIQAN.G	30
PLOG-10966	proteomics_log	3813985	3814035	-	5	2	E.DSAAETDMNVVM*TEDGR.I	22
PLOG-10967	proteomics_log	3814519	3814554	-	5	2	R.SNNQVRPVTLTR.N	16
PLOG-10968	proteomics_log	3821620	3821730	-	5	2	K.RLRQRVRLAVNACAHAGM*TDIGMHCISEVDGRCTGRQ.L	42
PLOG-10969	proteomics_log	3835882	3835956	-	5	3	H.ADTTENTKEDGIKNLQFQLNRRSRR.H	29
PLOG-10970	proteomics_log	3837201	3837242	-	4	2	K.AAETIFNGGAVPGW.-	18
PLOG-10971	proteomics_log	3837243	3837311	-	4	7	R.EDNKNAENVKEFLQSYQSPEVAK.A	27
PLOG-10972	proteomics_log	3837447	3837488	-	4	5	R.HLQIM*ELEGAQLPR.V	19
PLOG-10973	proteomics_log	3837447	3837488	-	4	109	R.HLQIMELEGAQLPR.V	18
PLOG-10974	proteomics_log	3837447	3837530	-	4	22	K.GLLPTALDITDNPRHLQIMELEGAQLPR.V	32
PLOG-10975	proteomics_log	3837489	3837530	-	4	13	K.GLLPTALDITDNPR.H	18
PLOG-10976	proteomics_log	3837489	3837554	-	4	7	K.LITLKEGKGLLPTALDITDNPR.H	26
PLOG-10977	proteomics_log	3837531	3837554	-	4	2	K.LITLKEGK.G	12
PLOG-10978	proteomics_log	3837531	3837581	-	4	7	R.ALLLLQKEKLITLKEGK.G	21
PLOG-10979	proteomics_log	3837555	3837581	-	4	41	R.ALLLLQKEK.L	13
PLOG-10980	proteomics_log	3837582	3837629	-	4	4	K.EGATVAIPNDPTNLGR.A	20
PLOG-10981	proteomics_log	3837582	3837647	-	4	4	K.TVAQIKEGATVAIPNDPTNLGR.A	26
PLOG-10982	proteomics_log	3837582	3837656	-	4	2	K.KIKTVAQIKEGATVAIPNDPTNLGR.A	29
PLOG-10983	proteomics_log	3837657	3837707	-	4	23	K.LVAVGNTFVFPAGYSK.K	21
PLOG-10984	proteomics_log	3848639	3848707	-	6	2	R.SGFAQLLGLPDLQVVAEFGSGR.E	27
PLOG-10985	proteomics_log	3848708	3848749	-	6	7	T.MITVALIDDHLIVR.S	18
PLOG-10986	proteomics_log	3848711	3848752	-	6	2	K.TMITVALIDDHLIVR	18
PLOG-10987	proteomics_log	3848828	3848875	-	6	29	R.NQSDPTMFNKIAVFFQ.-	20
PLOG-10988	proteomics_log	3848846	3848875	-	6	4	R.NQSDPTM*FNK.I	15
PLOG-10989	proteomics_log	3848846	3848875	-	6	15	R.NQSDPTMFNK.I	14

PLOG-10990	proteomics_log	3848876	3848932	-	6	20	R.LEQMISQIDKLEDVVKVQR.N	23
PLOG-10991	proteomics_log	3848885	3848932	-	6	10	R.LEQMISQIDKLEDVVK.V	20
PLOG-10992	proteomics_log	3848885	3848968	-	6	4	K.SHIWLLVNDQRLQEQMISQIDKLEDVVK.V	32
PLOG-10993	proteomics_log	3849068	3849115	-	6	87	A.MQNTTHDNVILELTVR.N	20
PLOG-10994	proteomics_log	3849122	3849190	-	6	2	R.IDAEKVYPM*VPPGAANTEMVGE.-	28
PLOG-10995	proteomics_log	3849122	3849190	-	6	2	R.IDAEKVYPM*VPPGAANTEM*VGE.-	29
PLOG-10996	proteomics_log	3849497	3849583	-	6	8	R.QWLTSGLGTMGFGLPAAIGAALANPDRK.V	33
PLOG-10997	proteomics_log	3849743	3849778	-	6	10	R.AEWHQLVADLQR.E	16
PLOG-10998	proteomics_log	3849779	3849862	-	6	9	K.IKQPHVAIQADVDDVLAQLIPLVEAQPR.A	32
PLOG-10999	proteomics_log	3849779	3849877	-	6	3	R.AELGKIKQPHVAIQADVDDVLAQLIPLVEAQPR.A	37
PLOG-11000	proteomics_log	3849953	3850006	-	6	67	R.STNYILQEADLLIVLGR.F	22
PLOG-11001	proteomics_log	3850007	3850051	-	6	3	K.AHPLSLGM*LGM*HGVR.S	21
PLOG-11002	proteomics_log	3850007	3850051	-	6	18	K.AHPLSLGMLGMHGVR.S	19
PLOG-11003	proteomics_log	3850052	3850102	-	6	77	K.AQLPTTMTLMALGMLPK.A	21
PLOG-11004	proteomics_log	3850052	3850123	-	6	6	R.VRELAEKAQLPTTMTLMALGMLPK.A	28
PLOG-11005	proteomics_log	3850124	3850171	-	6	9	K.RPVLYLGGGVINAPAR.V	20
PLOG-11006	proteomics_log	3850124	3850237	-	6	2	K.AAAPAFSEESIRDAAAMINAARKRPVLYLGGGVINAPAR.V	42
PLOG-11007	proteomics_log	3850172	3850237	-	6	4	K.AAAPAFSEESIRDAAAMINAARK.R	26
PLOG-11008	proteomics_log	3850238	3850339	-	6	37	R.IAQSGRPGPVWIDIPKDVQTAVFEIETQPAMA EK.A	38
PLOG-11009	proteomics_log	3850340	3850381	-	6	47	R.HIEELPQVMSDAFR.I	18
PLOG-11010	proteomics_log	3850592	3850633	-	6	6	R.HEQGAGFIAQGM*AR.T	19
PLOG-11011	proteomics_log	3850592	3850633	-	6	45	R.HEQGAGFIAQGMAR.T	18
PLOG-11012	proteomics_log	3850649	3850720	-	6	24	K.IVTGIPGGSILPVYDALSQSTQIR.H	28
PLOG-11013	proteomics_log	3850649	3850771	-	6	2	R.FTGAEFIVHFLEQQGIKIVTGIPGGSILPVYDALSQSTQIR.H	45
PLOG-11014	proteomics_log	3850721	3850771	-	6	94	R.FTGAEFIVHFLEQQGIK.I	21
PLOG-11015	proteomics_log	3850721	3850774	-	6	3	K.RFTGAEFIVHFLEQQGIK.I	22
PLOG-11016	proteomics_log	3850721	3850777	-	6	7	R.KRFTGAEFIVHFLEQQGIK.I	23
PLOG-11017	proteomics_log	3857231	3857272	-	6	2	K.MLDPLVLVLPGLIA.F	18
PLOG-11018	proteomics_log	3857510	3857587	-	6	3	R.AMAVADSINGIGLVIGGLMVPVFGLI.A	30
PLOG-11019	proteomics_log	3865077	3865121	-	4	27	R.GANLVNGLLYIDLER.V	19
PLOG-11020	proteomics_log	3865122	3865154	-	4	38	R.KFQLAENIHVR.G	15
PLOG-11021	proteomics_log	3865167	3865196	-	4	11	R.TYLYQGIAER.N	14
PLOG-11022	proteomics_log	3865413	3865445	-	4	29	I.MRNFDLSPLYR.S	15
PLOG-11023	proteomics_log	3868165	3868215	-	5	11	F.TNQKGVVLTADKILPAR.G	21
PLOG-11024	proteomics_log	3871900	3871956	-	5	4	R.KTLPM*PSQLALS SVLIRPP.Y	24
PLOG-11025	proteomics_log	3874166	3874216	-	6	2	K.SNLEDGVAFAIEKYVLN.-	21
PLOG-11026	proteomics_log	3874178	3874216	-	6	6	K.SNLEDGVAFAIEK.Y	17
PLOG-11027	proteomics_log	3874394	3874429	-	6	8	K.SAPYFLEILDKR.V	16
PLOG-11028	proteomics_log	3874397	3874429	-	6	2	K.SAPYFLEILDK.R	15
PLOG-11029	proteomics_log	3874469	3874516	-	6	56	K.VMMIDEPAILDQAIAR.I	20
PLOG-11030	proteomics_log	3874694	3874747	-	6	2	K.AADGSTVAQTALS YDDYR.F	22
PLOG-11031	proteomics_log	3874699	3874788	-	5	3	R.ATTALLITARWYRRPLMVAPWRKLLSAMTT.I	34
PLOG-11032	proteomics_log	3874877	3874972	-	6	16	M.AIKLIAIDMDGTLLLPDHTISPAVKNAIAAAR.A	36
PLOG-11033	proteomics_log	3874898	3874963	-	6	10	K.LIAIDMDGTLLLPDHTISPAVK.N	26
PLOG-11034	proteomics_log	3874898	3874972	-	6	7	M.AIKLIAIDMDGTLLLPDHTISPAVK.N	29
PLOG-11035	proteomics_log	3875749	3875778	-	5	100	R.RAFIEENALK.A	14

PLOG-11036	proteomics_log	3875779	3875838	-	5	11	K.DAIAADQLFTTLMGDAVEPR.R	24
PLOG-11037	proteomics_log	3875779	3875838	-	5	11	K.DAIAADQLFTTLM*GDAVEPR.R	25
PLOG-11038	proteomics_log	3875779	3875850	-	5	40	R.VTVKDAIAADQLFTTLMGDAVEPR.R	28
PLOG-11039	proteomics_log	3875779	3875859	-	5	47	R.MLRVTVKDAIAADQLFTTLMGDAVEPR.R	31
PLOG-11040	proteomics_log	3875779	3875862	-	5	6	R.RMLRVTVKDAIAADQLFTTLMGDAVEPR.R	32
PLOG-11041	proteomics_log	3875860	3875928	-	5	3	R.YKGLGEMNPEQLWETTMDPESRR.M	27
PLOG-11042	proteomics_log	3875863	3875928	-	5	2	R.YKGLGEMNPEQLWETTMDPESR.R	26
PLOG-11043	proteomics_log	3875950	3876006	-	5	123	R.RQPVASFEQALDWLVKESR.R	23
PLOG-11044	proteomics_log	3875959	3876006	-	5	12	R.RQPVASFEQALDWLVK.E	20
PLOG-11045	proteomics_log	3876016	3876048	-	5	26	R.GLLEEDAFIER.G	15
PLOG-11046	proteomics_log	3876076	3876141	-	5	2	R.THGVDTDYPLDHEFITGGEYRR.I	26
PLOG-11047	proteomics_log	3876076	3876147	-	5	4	R.VRTHGVDTDYPLDHEFITGGEYRR.I	28
PLOG-11048	proteomics_log	3876148	3876198	-	5	2	K.FDVHTNAEQNLFEPIVR.V	21
PLOG-11049	proteomics_log	3876259	3876321	-	5	3	K.ELIYQPTLTEADLSDEQTVTR.W	25
PLOG-11050	proteomics_log	3876259	3876333	-	5	19	K.AMLKELIYQPTLTEADLSDEQTVTR.W	29
PLOG-11051	proteomics_log	3876367	3876396	-	5	7	K.LVSEYNATQK.M	14
PLOG-11052	proteomics_log	3876529	3876570	-	5	3	R.GHVYIAQPPLYKVK.K	18
PLOG-11053	proteomics_log	3877003	3877035	-	5	10	K.IVVGKIIDAAR.A	15
PLOG-11054	proteomics_log	3877021	3877104	-	5	9	K.SAVEQQMNELLAEYLLNPTDAKIVVGK.I	32
PLOG-11055	proteomics_log	3877036	3877104	-	5	34	K.SAVEQQMNELLAEYLLNPTDAK.I	27
PLOG-11056	proteomics_log	3877105	3877149	-	5	5	K.FSSQTKDKLVSSEVK.S	19
PLOG-11057	proteomics_log	3877231	3877269	-	5	2	R.TLNAYMDKEGYSK.K	17
PLOG-11058	proteomics_log	3877285	3877314	-	5	2	R.DGGTHLAGFR.A	14
PLOG-11059	proteomics_log	3877531	3877566	-	5	5	R.ELSFLNSGVSIR.L	16
PLOG-11060	proteomics_log	3877531	3877572	-	5	4	R.LRELSFLNSGVSIR.L	18
PLOG-11061	proteomics_log	3877576	3877638	-	5	2	R.FWPSLETFTNVTEFEYEILAK.R	25
PLOG-11062	proteomics_log	3877834	3877914	-	5	19	R.GIPTGIHP EEGVSAAEVIMTVLHAGGK.F	31
PLOG-11063	proteomics_log	3878101	3878139	-	5	11	M.SNSYDSSSIKVLK.G	17
PLOG-11064	proteomics_log	3879472	3879498	-	5	2	R.LYVSENQLK.I	13
PLOG-11065	proteomics_log	3879640	3879672	-	5	2	R.AHVGDFIFTSK.L	15
PLOG-11066	proteomics_log	3879730	3879753	-	5	2	R.KGVIELMR.M	12
PLOG-11067	proteomics_log	3879841	3879888	-	5	3	R.YYLNGLFETEGEELR.T	20
PLOG-11068	proteomics_log	3879934	3880029	-	5	2	R.FSLSTLPAADFPNLDDWQSEVEFTLPQATMKR.L	36
PLOG-11069	proteomics_log	3879937	3880029	-	5	2	R.FSLSTLPAADFPNLDDWQSEVEFTLPQATMK.R	35
PLOG-11070	proteomics_log	3880057	3880104	-	5	3	R.GLPEGAEIAVQLEGER.M	20
PLOG-11071	proteomics_log	3880102	3880176	-	5	2	R.VALVQPHEPGATTVPARKFFDICRG.L	29
PLOG-11072	proteomics_log	3880126	3880176	-	5	5	R.VALVQPHEPGATTVPAR.K	21
PLOG-11073	proteomics_log	3880364	3880426	-	6	6	R.KIEQLREESHDIKEDFSNLIR.T	25
PLOG-11074	proteomics_log	3880610	3880696	-	6	2	R.AITIDFVREALRDLLALQEKLVTIDNIQK.T	33
PLOG-11075	proteomics_log	3881018	3881071	-	6	2	R.SVDALLIDDIQFFANKER.S	22
PLOG-11076	proteomics_log	3881318	3881365	-	6	2	R.SNVNVKHTFDNFVEGK.S	20
PLOG-11077	proteomics_log	3887949	3888023	-	4	3	A.RGMVKRSSSAGHGSCLPVFGSRPNR.K	29
PLOG-11078	proteomics_log	3889080	3889139	-	4	23	T.AKLENTSRQNSIMPCCLVPR.N	24
PLOG-11079	proteomics_log	3894582	3894629	-	4	2	M.SHQHTTQTSGQGM*LER.V	21
PLOG-11080	proteomics_log	3904048	3904071	-	5	2	V.AGVTQLMR.E	12
PLOG-11081	proteomics_log	3906120	3906188	-	4	5	R.AEGEILLDGDNILTNSQDIALLR.A	27

PLOG-11082	proteomics_log	3906803	3906880	-	6	7	K.WKM*ISAITLKASVSGIM*TGILLAIAR.I	32
PLOG-11083	proteomics_log	3908266	3908349	-	5	8	K.LAALIVLLMLGGIIVSLIISSWPSIQKF.G	32
PLOG-11084	proteomics_log	3908559	3908615	-	4	12	K.QANDLDYASLPDSVVEQVR.A	23
PLOG-11085	proteomics_log	3908787	3908849	-	4	21	K.LISADGKPVSPTEENFANAAG.G	25
PLOG-11086	proteomics_log	3908874	3908915	-	4	3	R.LPGAIGYVEYAYAK.Q	18
PLOG-11087	proteomics_log	3909420	3909473	-	4	75	A.EASLTGAGATFPAPVYAK.W	22
PLOG-11088	proteomics_log	3910360	3910425	-	5	3	R.LKGLDASIEHDIVHGLQALPSR.I	26
PLOG-11089	proteomics_log	3910600	3910698	-	5	12	F.RYRKSAVRRNSLMITLSQSGETADTLAQLRLSK.E	37
PLOG-11090	proteomics_log	3910879	3910941	-	5	3	R.HYM*QKEIYEQPNAIKNTLTGR.I	26
PLOG-11091	proteomics_log	3910879	3910941	-	5	3	R.HYM*QKEIYEQPNAIKNTLTGR.I	25
PLOG-11092	proteomics_log	3910999	3911037	-	5	2	R.SVNIFDKTGAEVK.R	17
PLOG-11093	proteomics_log	3910999	3911040	-	5	2	R.RSVNIFDKTGAEVK.R	18
PLOG-11094	proteomics_log	3911038	3911085	-	5	35	R.RFIFLEEGDIAEITRR.S	20
PLOG-11095	proteomics_log	3911041	3911082	-	5	10	R.FIFLEEGDIAEITR.R	18
PLOG-11096	proteomics_log	3911083	3911169	-	5	42	R.SGSPLVIGLGMGENFIASDQLALLPVTRR.F	33
PLOG-11097	proteomics_log	3911086	3911169	-	5	3	R.SGSPLVIGLGMGENFIASDQLALLPVTR.R	32
PLOG-11098	proteomics_log	3911170	3911229	-	5	58	R.GAYGTVIMDSRHPDTLLAAR.S	24
PLOG-11099	proteomics_log	3911248	3911346	-	5	3	R.GYTFVSETDTEVIAHLVNWELKQGGTLREAVLR.A	37
PLOG-11100	proteomics_log	3911263	3911346	-	5	32	R.GYTFVSETDTEVIAHLVNWELKQGGTLR.E	32
PLOG-11101	proteomics_log	3911281	3911346	-	5	2	R.GYTFVSETDTEVIAHLVNWELK.Q	26
PLOG-11102	proteomics_log	3911470	3911538	-	5	9	K.VQMLAQAAEEHPLHGTTGIAHTR.W	27
PLOG-11103	proteomics_log	3911470	3911538	-	5	9	K.VQM*LAQAAEEHPLHGTTGIAHTR.W	28
PLOG-11104	proteomics_log	3911470	3911547	-	5	3	R.LGKVQM*LAQAAEEHPLHGTTGIAHTR.W	31
PLOG-11105	proteomics_log	3911470	3911547	-	5	4	R.LGKVQMLAQAAEEHPLHGTTGIAHTR.W	30
PLOG-11106	proteomics_log	3911557	3911610	-	5	6	R.GYDSAGLAVVDAEGHMTR.L	22
PLOG-11107	proteomics_log	3911557	3911622	-	5	4	R.LEYRGYDSAGLAVVDAEGHMTR.L	26
PLOG-11108	proteomics_log	3911623	3911658	-	5	5	R.DVAEILLEGLRR.L	16
PLOG-11109	proteomics_log	3911626	3911658	-	5	58	R.DVAEILLEGLR.R	15
PLOG-11110	proteomics_log	3911904	3911936	-	4	20	R.NVGENALAIR.V	15
PLOG-11111	proteomics_log	3911937	3912041	-	4	2	K.TIIGDDVFGSDTQLVAPVTVGKGATIAAGTTVTR.N	39
PLOG-11112	proteomics_log	3911973	3912041	-	4	8	K.TIIGDDVFGSDTQLVAPVTVGK.G	27
PLOG-11113	proteomics_log	3912162	3912230	-	4	3	R.LRPGAELLEGAHVGNFVEMKKAR.L	27
PLOG-11114	proteomics_log	3912168	3912230	-	4	2	R.LRPGAELLEGAHVGNFVEMKK.A	25
PLOG-11115	proteomics_log	3912168	3912230	-	4	2	R.LRPGAELLEGAHVGNFVEM*KK.A	26
PLOG-11116	proteomics_log	3912171	3912230	-	4	3	R.LRPGAELLEGAHVGNFVEM*K.K	25
PLOG-11117	proteomics_log	3912171	3912230	-	4	103	R.LRPGAELLEGAHVGNFVEMK.K	24
PLOG-11118	proteomics_log	3912486	3912512	-	4	11	R.VYQSEQAEK.L	13
PLOG-11119	proteomics_log	3912537	3912566	-	4	11	R.LSEVEGVNNR.L	14
PLOG-11120	proteomics_log	3912801	3912827	-	4	2	K.LDDPTGYGR.I	13
PLOG-11121	proteomics_log	3912801	3912875	-	4	6	R.LRDAKPQGGIGLLTVKLLDPTGYGR.I	29
PLOG-11122	proteomics_log	3912828	3912875	-	4	4	R.LRDAKPQGGIGLLTVK.L	20
PLOG-11123	proteomics_log	3913035	3913124	-	4	4	K.AMVQHVIDAANELGAAHVHLVYGHGGDLLK.Q	34
PLOG-11124	proteomics_log	3913170	3913223	-	4	30	R.MLNNAMSVVILAAGKTR.M	22
PLOG-11125	proteomics_log	3913179	3913223	-	4	5	R.MLNNAMSVVILAAGK.G	19
PLOG-11126	proteomics_log	3913579	3913623	-	5	2	K.AIAQLRVIELTKKAM.-	19
PLOG-11127	proteomics_log	3913588	3913623	-	5	2	K.AIAQLRVIELTK.K	16



PLOG-11128	proteomics_log	3913606	3913695	-	5	5	R.KAEHHISSSHGDVDYAQASAELAKIAQLR.V	34
PLOG-11129	proteomics_log	3913624	3913692	-	5	16	K.AEEHHISSSHGDVDYAQASAELAK.A	27
PLOG-11130	proteomics_log	3913624	3913695	-	5	30	R.KAEHHISSSHGDVDYAQASAELAK.A	28
PLOG-11131	proteomics_log	3913624	3913698	-	5	11	K.RKAEHHISSSHGDVDYAQASAELAK.A	29
PLOG-11132	proteomics_log	3913714	3913737	-	5	3	R.GQDLDEAR.A	12
PLOG-11133	proteomics_log	3913840	3913926	-	5	16	K.IQVTGSEGELGIYPGHAPLLTAIKPGM*IR.I	34
PLOG-11134	proteomics_log	3913840	3913926	-	5	233	K.IQVTGSEGELGIYPGHAPLLTAIKPGMIR.I	33
PLOG-11135	proteomics_log	3913927	3913971	-	5	7	D.VVSAEQQMFSGLVEK.I	19
PLOG-11136	proteomics_log	3913927	3913992	-	5	8	M.AM*TYHLDVVSAEQQM*FSGLVEK.I	28
PLOG-11137	proteomics_log	3913927	3913992	-	5	14	M.AM*TYHLDVVSAEQQMFSGLVEK.I	27
PLOG-11138	proteomics_log	3913927	3913992	-	5	247	M.AMTYHLDVVSAEQQMFSGLVEK.I	26
PLOG-11139	proteomics_log	3914019	3914111	-	4	4	K.GIM*EGEYDHLPEQAFYMGVGSIEEAVEKAKKL.-	36
PLOG-11140	proteomics_log	3914019	3914111	-	4	77	K.GIMEGEYDHLPEQAFYMGVGSIEEAVEKAKKL.-	35
PLOG-11141	proteomics_log	3914019	3914120	-	4	45	R.GFKGIMEGEYDHLPEQAFYMGVGSIEEAVEKAKKL.-	38
PLOG-11142	proteomics_log	3914025	3914111	-	4	16	K.GIM*EGEYDHLPEQAFYMGVGSIEEAVEKAK.K	34
PLOG-11143	proteomics_log	3914025	3914111	-	4	204	K.GIMEGEYDHLPEQAFYMGVGSIEEAVEKAK.K	33
PLOG-11144	proteomics_log	3914025	3914120	-	4	5	R.GFKGIM*EGEYDHLPEQAFYMGVGSIEEAVEKAK.K	37
PLOG-11145	proteomics_log	3914025	3914120	-	4	210	R.GFKGIMEGEYDHLPEQAFYMGVGSIEEAVEKAK.K	36
PLOG-11146	proteomics_log	3914031	3914111	-	4	2	K.GIMEGEYDHLPEQAFYM*VGSIEEAVEK.A	32
PLOG-11147	proteomics_log	3914031	3914111	-	4	2	K.GIM*EGEYDHLPEQAFYM*VGSIEEAVEK.A	33
PLOG-11148	proteomics_log	3914031	3914111	-	4	36	K.GIM*EGEYDHLPEQAFYMGVGSIEEAVEK.A	32
PLOG-11149	proteomics_log	3914031	3914111	-	4	212	K.GIMEGEYDHLPEQAFYMGVGSIEEAVEK.A	31
PLOG-11150	proteomics_log	3914031	3914120	-	4	13	R.GFKGIM*EGEYDHLPEQAFYMGVGSIEEAVEK.A	35
PLOG-11151	proteomics_log	3914031	3914120	-	4	236	R.GFKGIMEGEYDHLPEQAFYMGVGSIEEAVEK.A	34
PLOG-11152	proteomics_log	3914031	3914120	-	4	13	R.GFKGIM*EGEYDHLPEQAFYM*VGSIEEAVEK.A	36
PLOG-11153	proteomics_log	3914031	3914150	-	4	7	G.KYVSLKDTIRGFKGIMEGEYDHLPEQAFYMGVGSIEEAVEK.A	44
PLOG-11154	proteomics_log	3914112	3914201	-	4	95	R.FLSQPPFFVAEVFTGSPGKYVSLKDTIRGFK.G	34
PLOG-11155	proteomics_log	3914121	3914147	-	4	4	K.YVSLKDTIR.G	13
PLOG-11156	proteomics_log	3914121	3914201	-	4	167	R.FLSQPPFFVAEVFTGSPGKYVSLKDTIR.G	31
PLOG-11157	proteomics_log	3914148	3914201	-	4	272	R.FLSQPPFFVAEVFTGSPGK.Y	22
PLOG-11158	proteomics_log	3914148	3914225	-	4	45	V.ARARKIQRFLSQPPFFVAEVFTGSPGK.Y	30
PLOG-11159	proteomics_log	3914214	3914297	-	4	57	R.YQELKDIIAILGMDELSEEDKLVVARAR.K	32
PLOG-11160	proteomics_log	3914220	3914273	-	4	6	I.AILGM*DELSEEDKLVVAR.A	23
PLOG-11161	proteomics_log	3914220	3914273	-	4	8	I.AILGMDELSEEDKLVVAR.A	22
PLOG-11162	proteomics_log	3914220	3914282	-	4	3	K.DIIAILGMDELSEEDKLVVAR.A	25
PLOG-11163	proteomics_log	3914220	3914288	-	4	2	E.LKDIIAILGM*DELSEEDKLVVAR.A	28
PLOG-11164	proteomics_log	3914220	3914297	-	4	87	R.YQELKDIIAILGM*DELSEEDKLVVAR.A	31
PLOG-11165	proteomics_log	3914220	3914297	-	4	509	R.YQELKDIIAILGMDELSEEDKLVVAR.A	30
PLOG-11166	proteomics_log	3914220	3914321	-	4	16	R.GVQSILQRYQELKDIIAILGM*DELSEEDKLVVAR.A	39
PLOG-11167	proteomics_log	3914220	3914321	-	4	150	R.GVQSILQRYQELKDIIAILGMDELSEEDKLVVAR.A	38
PLOG-11168	proteomics_log	3914298	3914321	-	4	46	R.GVQSILQR.Y	12
PLOG-11169	proteomics_log	3914322	3914369	-	4	127	R.QLDPLVVGQEHYDTAR.G	20
PLOG-11170	proteomics_log	3914322	3914426	-	4	6	R.QIASLGIYPAVDPLDSTSRQLDPLVVGQEHYDTAR.G	39
PLOG-11171	proteomics_log	3914370	3914402	-	4	2	Y.PAVDPLDSTSR.Q	15
PLOG-11172	proteomics_log	3914370	3914423	-	4	3	Q.IASLGIYPAVDPLDSTSR.Q	22
PLOG-11173	proteomics_log	3914370	3914426	-	4	459	R.QIASLGIYPAVDPLDSTSR.Q	23

PLOG-11174	proteomics_log	3914427	3914537	-	4	99	K.TGSITSVQAVYVPADDLTDSPATTF AHL DATV VLSR.Q	41
PLOG-11175	proteomics_log	3914427	3914552	-	4	2	R.ITSTKTGSITSVQAVYVPADDLTDSPATTF AHL DATV VLSR.Q	46
PLOG-11176	proteomics_log	3914553	3914615	-	4	2	R.MPSAVGYQPTLAEEM*GVLQER.I	26
PLOG-11177	proteomics_log	3914553	3914615	-	4	2	R.M*PSAVGYQPTLAEEM*GVLQER.I	27
PLOG-11178	proteomics_log	3914553	3914615	-	4	6	R.M*PSAVGYQPTLAEEMGVLQER.I	26
PLOG-11179	proteomics_log	3914553	3914615	-	4	247	R.MPSAVGYQPTLAEEMGVLQER.I	25
PLOG-11180	proteomics_log	3914553	3914657	-	4	2	R.YTLAGTEVSALLGRM*PSAVGYQPTLAEEMGVLQER.I	40
PLOG-11181	proteomics_log	3914553	3914657	-	4	138	R.YTLAGTEVSALLGRMPSAVGYQPTLAEEMGVLQER.I	39
PLOG-11182	proteomics_log	3914616	3914657	-	4	211	R.YTLAGTEVSALLGR.M	18
PLOG-11183	proteomics_log	3914616	3914708	-	4	23	K.FRDEGRDVLLFVDNIYRYTLAGTEVSALLGR.M	35
PLOG-11184	proteomics_log	3914616	3914741	-	4	15	R.VALTGLTMAEKFRDEGRDVLLFVDNIYRYTLAGTEVSALLGR.M	46
PLOG-11185	proteomics_log	3914658	3914690	-	4	32	R.DVLLFVDNIYR.Y	15
PLOG-11186	proteomics_log	3914658	3914708	-	4	373	K.FRDEGRDVLLFVDNIYR.Y	21
PLOG-11187	proteomics_log	3914658	3914741	-	4	19	R.VALTGLTM*AEKFRDEGRDVLLFVDNIYR.Y	33
PLOG-11188	proteomics_log	3914658	3914741	-	4	123	R.VALTGLTMAEKFRDEGRDVLLFVDNIYR.Y	32
PLOG-11189	proteomics_log	3914709	3914741	-	4	14	R.VALTGLTM*AEK.F	16
PLOG-11190	proteomics_log	3914709	3914741	-	4	136	R.VALTGLTMAEK.F	15
PLOG-11191	proteomics_log	3914709	3914747	-	4	17	R.LRVALTGLTMAEK.F	17
PLOG-11192	proteomics_log	3914718	3914741	-	4	4	R.VALTGLTM*.A	13
PLOG-11193	proteomics_log	3914742	3914843	-	4	7	R.EGNDFYHEMTDSNVIDKVS LVYGMNEPPGNRLR.V	38
PLOG-11194	proteomics_log	3914742	3914849	-	4	4	R.TREGNDFYHEM*TDSNVIDKVS LVYGMNEPPGNRLR.V	41
PLOG-11195	proteomics_log	3914742	3914849	-	4	5	R.TREGNDFYHEMTDSNVIDKVS LVYGMNEPPGNRLR.V	40
PLOG-11196	proteomics_log	3914748	3914843	-	4	23	R.EGNDFYHEMTDSNVIDKVS LVYGMNEPPGNR.L	36
PLOG-11197	proteomics_log	3914748	3914849	-	4	12	R.TREGNDFYHEMTDSNVIDKVS LVYGMNEPPGNR.L	38
PLOG-11198	proteomics_log	3914850	3914903	-	4	360	R.NIAIEHSGYSVFAGVGER.T	22
PLOG-11199	proteomics_log	3914850	3914930	-	4	6	K.TVNMELIRNIAIEHSGYSVFAGVGER.T	31
PLOG-11200	proteomics_log	3914904	3914930	-	4	2	K.TVNM*M*ELIR.N	15
PLOG-11201	proteomics_log	3914904	3914930	-	4	4	K.TVNM*MELIR.N	14
PLOG-11202	proteomics_log	3914904	3914930	-	4	220	K.TVNMELIR.N	13
PLOG-11203	proteomics_log	3914904	3914963	-	4	254	K.VGLFGGAGVGKTVNMELIR.N	24
PLOG-11204	proteomics_log	3914904	3914972	-	4	6	K.GGKVGLFGGAGVGKTVNM*M*ELIR.N	29
PLOG-11205	proteomics_log	3914904	3914972	-	4	172	K.GGKVGLFGGAGVGKTVNMELIR.N	27
PLOG-11206	proteomics_log	3914931	3914963	-	4	189	K.VGLFGGAGVGK.T	15
PLOG-11207	proteomics_log	3914931	3914972	-	4	147	K.GGKVGLFGGAGVGK.T	18
PLOG-11208	proteomics_log	3914964	3915062	-	4	6	R.AAPSYEELSNSQELLETTG I KVIDLMCPFAKGK.V	37
PLOG-11209	proteomics_log	3914970	3915002	-	4	12	K.VIDL M CPFAK.G	15
PLOG-11210	proteomics_log	3914970	3915062	-	4	54	R.AAPSYEELSNSQELLETTG I KVIDLM*CPFAK.G	36
PLOG-11211	proteomics_log	3914970	3915062	-	4	399	R.AAPSYEELSNSQELLETTG I KVIDLMCPFAK.G	35
PLOG-11212	proteomics_log	3914973	3915002	-	4	2	K.VIDL M CPFAK.G	14
PLOG-11213	proteomics_log	3914973	3915062	-	4	14	R.AAPSYEELSNSQELLETTG I KVIDLMCPFAK.G	34
PLOG-11214	proteomics_log	3915003	3915062	-	4	180	R.AAPSYEELSNSQELLETTG I K.V	24
PLOG-11215	proteomics_log	3915063	3915137	-	4	2	R.IM*NVLGEPVDMKGEIGEEERWAIHR.A	30
PLOG-11216	proteomics_log	3915063	3915137	-	4	2	R.IM*NVLGEPVDM*KGEIGEEERWAIHR.A	31
PLOG-11217	proteomics_log	3915063	3915137	-	4	6	R.IMNVLGEPVDM*KGEIGEEERWAIHR.A	30
PLOG-11218	proteomics_log	3915063	3915137	-	4	155	R.IMNVLGEPVDMKGEIGEEERWAIHR.A	29
PLOG-11219	proteomics_log	3915078	3915137	-	4	6	R.IM*NVLGEPVDMKGEIGEEER.W	25

PLOG-11220	proteomics_log	3915078	3915137	-	4	6	R.IM*NVLGEPVDM*KGEIGEEER.W	26
PLOG-11221	proteomics_log	3915078	3915137	-	4	14	R.IMNVLGEPVDM*KGEIGEEER.W	25
PLOG-11222	proteomics_log	3915078	3915137	-	4	319	R.IMNVLGEPVDMKGEIGEEER.W	24
PLOG-11223	proteomics_log	3915078	3915170	-	4	53	I.EVPVGKATLGRIM*NVLGEPVDMKGEIGEEER.W	36
PLOG-11224	proteomics_log	3915102	3915137	-	4	55	R.IMNVLGEPVDMK.G	16
PLOG-11225	proteomics_log	3915138	3915188	-	4	24	K.DLEHPIEVPVGKATLGR.I	21
PLOG-11226	proteomics_log	3915138	3915203	-	4	246	R.GLDVKDLEHPIEVPVGKATLGR.I	26
PLOG-11227	proteomics_log	3915138	3915206	-	4	55	R.RGLDVKDLEHPIEVPVGKATLGR.I	27
PLOG-11228	proteomics_log	3915138	3915239	-	4	6	R.TIAMGSSDGLRRGLDVKDLEHPIEVPVGKATLGR.I	38
PLOG-11229	proteomics_log	3915138	3915239	-	4	6	R.TIAM*GSSDGLRRGLDVKDLEHPIEVPVGKATLGR.I	39
PLOG-11230	proteomics_log	3915153	3915188	-	4	57	K.DLEHPIEVPVGK.A	16
PLOG-11231	proteomics_log	3915153	3915203	-	4	467	R.GLDVKDLEHPIEVPVGK.A	21
PLOG-11232	proteomics_log	3915153	3915206	-	4	43	R.RGLDVKDLEHPIEVPVGK.A	22
PLOG-11233	proteomics_log	3915153	3915239	-	4	5	R.TIAM*GSSDGLRRGLDVKDLEHPIEVPVGK.A	34
PLOG-11234	proteomics_log	3915153	3915239	-	4	84	R.TIAMGSSDGLRRGLDVKDLEHPIEVPVGK.A	33
PLOG-11235	proteomics_log	3915207	3915239	-	4	32	R.TIAMGSSDGLR.R	15
PLOG-11236	proteomics_log	3915240	3915284	-	4	756	R.LVLEVQQQLGGGIVR.T	19
PLOG-11237	proteomics_log	3915240	3915296	-	4	4	N.GNERLVLEVQQQLGGGIVR.T	23
PLOG-11238	proteomics_log	3915240	3915323	-	4	120	R.VYDALEVQNGNERLVLEVQQQLGGGIVR.T	32
PLOG-11239	proteomics_log	3915285	3915323	-	4	301	R.VYDALEVQNGNER.L	17
PLOG-11240	proteomics_log	3915285	3915395	-	4	50	M.ATGKIVQVIGAVVDVEFPQDAVPRVYDALEVQNGNER.L	41
PLOG-11241	proteomics_log	3915324	3915383	-	4	248	K.IVQVIGAVVDVEFPQDAVPR.V	24
PLOG-11242	proteomics_log	3915324	3915395	-	4	314	M.ATGKIVQVIGAVVDVEFPQDAVPR.V	28
PLOG-11243	proteomics_log	3915428	3915481	-	6	153	R.QASITQELTEIVSGAAAV.-	22
PLOG-11244	proteomics_log	3915428	3915487	-	6	5	K.ARQASITQELTEIVSGAAAV.-	24
PLOG-11245	proteomics_log	3915482	3915544	-	6	102	K.AATDNGGSLIKELQLVYNKAR.Q	25
PLOG-11246	proteomics_log	3915482	3915559	-	6	58	R.MVAMKAATDNGGSLIKELQLVYNKAR.Q	30
PLOG-11247	proteomics_log	3915488	3915544	-	6	151	K.AATDNGGSLIKELQLVYNK.A	23
PLOG-11248	proteomics_log	3915488	3915559	-	6	60	R.MVAMKAATDNGGSLIKELQLVYNK.A	28
PLOG-11249	proteomics_log	3915497	3915544	-	6	44	K.AATDNGGSLIKELQLV.Y	20
PLOG-11250	proteomics_log	3915560	3915622	-	6	99	R.YVESQVYQGVVENLASEQAAR.M	25
PLOG-11251	proteomics_log	3915560	3915625	-	6	64	R.RYVESQVYQGVVENLASEQAAR.M	26
PLOG-11252	proteomics_log	3915560	3915649	-	6	4	K.ALLDTLLRRYVESQVYQGVVENLASEQAAR.M	34
PLOG-11253	proteomics_log	3915623	3915649	-	6	17	K.ALLDTLLRR.Y	13
PLOG-11254	proteomics_log	3915623	3915682	-	6	6	K.SWDYLYEPDPKALLDTLLRR.Y	24
PLOG-11255	proteomics_log	3915626	3915649	-	6	40	K.ALLDTLLR.R	12
PLOG-11256	proteomics_log	3915626	3915682	-	6	3	K.SWDYLYEPDPKALLDTLLR.R	23
PLOG-11257	proteomics_log	3915650	3915682	-	6	20	K.SWDYLYEPDPK.A	15
PLOG-11258	proteomics_log	3915683	3915766	-	6	10	K.FINTMSQVPTISQLLPLPASDDDDLKHK.S	32
PLOG-11259	proteomics_log	3915767	3915826	-	6	4	K.VMLQAYDEGRDLKLYIVSNK.F	24
PLOG-11260	proteomics_log	3915827	3915925	-	6	12	K.GVSFFNSVGGNVVAQVTGMGDNPSSLSELIGPVK.V	37
PLOG-11261	proteomics_log	3916034	3916063	-	6	5	R.VGYLVVSTDR.G	14
PLOG-11262	proteomics_log	3916136	3916174	-	6	20	R.MAASRPYAETMRK.V	17
PLOG-11263	proteomics_log	3916139	3916174	-	6	177	R.MAASRPYAETMRK	16
PLOG-11264	proteomics_log	3916196	3916222	-	6	10	K.AM*EMVAASK.M	14
PLOG-11265	proteomics_log	3916196	3916222	-	6	13	K.AMEM*VAASK.M	14

PLOG-11266	proteomics_log	3916196	3916222	-	6	10	K.AM*EM*VAASK.M	15
PLOG-11267	proteomics_log	3916196	3916222	-	6	199	K.AMEMVAASK.M	13
PLOG-11268	proteomics_log	3916196	3916258	-	6	23	K.IASVQNTQKITKAMEMVAASK.M	25
PLOG-11269	proteomics_log	3916196	3916264	-	6	16	R.SKIASVQNTQKITKAMEMVAASK.M	27
PLOG-11270	proteomics_log	3916223	3916258	-	6	139	K.IASVQNTQKITK.A	16
PLOG-11271	proteomics_log	3916223	3916264	-	6	199	R.SKIASVQNTQKITK.A	18
PLOG-11272	proteomics_log	3916223	3916285	-	6	7	M.AGAKEIRSKIASVQNTQKITK.A	25
PLOG-11273	proteomics_log	3916232	3916255	-	6	2	I.ASVQNTQK.I	12
PLOG-11274	proteomics_log	3916232	3916258	-	6	24	K.IASVQNTQK.I	13
PLOG-11275	proteomics_log	3916232	3916264	-	6	113	R.SKIASVQNTQK.I	15
PLOG-11276	proteomics_log	3916259	3916285	-	6	13	M.AGAKEIRSK.I	13
PLOG-11277	proteomics_log	3916342	3916377	-	5	64	K.GILDSFKATQSW.-	16
PLOG-11278	proteomics_log	3916342	3916383	-	5	57	K.LKGILDSFKATQSW.-	18
PLOG-11279	proteomics_log	3916357	3916383	-	5	21	K.LKGILDSFK.A	13
PLOG-11280	proteomics_log	3916378	3916491	-	5	2	K.IGSFEAALLAYVDRDHAPLM*QEINQTGGYNDEIEGK.LK.G	43
PLOG-11281	proteomics_log	3916378	3916491	-	5	6	K.IGSFEAALLAYVDRDHAPLMQEINQTGGYNDEIEGK.LK.G	42
PLOG-11282	proteomics_log	3916384	3916491	-	5	4	K.IGSFEAALLAYVDRDHAPLM*QEINQTGGYNDEIEGK.L	41
PLOG-11283	proteomics_log	3916384	3916491	-	5	55	K.IGSFEAALLAYVDRDHAPLMQEINQTGGYNDEIEGK.L	40
PLOG-11284	proteomics_log	3916450	3916491	-	5	12	K.IGSFEAALLAYVDR.D	18
PLOG-11285	proteomics_log	3916492	3916521	-	5	90	R.GYLADVLSK.I	14
PLOG-11286	proteomics_log	3916522	3916560	-	5	2	S.VAQQLVFAAER.G	17
PLOG-11287	proteomics_log	3916522	3916578	-	5	8	K.QYAPM*SVAQQSLVFAAER.G	24
PLOG-11288	proteomics_log	3916522	3916578	-	5	270	K.QYAPMSVAQQSLVFAAER.G	23
PLOG-11289	proteomics_log	3916522	3916584	-	5	3	K.QKQYAPM*SVAQQSLVFAAER.G	26
PLOG-11290	proteomics_log	3916522	3916584	-	5	40	K.QKQYAPMSVAQQSLVFAAER.G	25
PLOG-11291	proteomics_log	3916579	3916602	-	5	11	K.VTELLKQK.Q	12
PLOG-11292	proteomics_log	3916579	3916626	-	5	93	R.KQLDHGQKVTELLKQK.Q	20
PLOG-11293	proteomics_log	3916579	3916698	-	5	6	R.TALAQYRELAAFSQFASDLDDATRQQLDHGQKVTELLKQK.Q	44
PLOG-11294	proteomics_log	3916585	3916623	-	5	11	K.QLDHGQKVTELLK.Q	17
PLOG-11295	proteomics_log	3916585	3916626	-	5	17	R.KQLDHGQKVTELLK.Q	18
PLOG-11296	proteomics_log	3916585	3916677	-	5	15	R.ELAAFSQFASDLDDATRQQLDHGQKVTELLK.Q	35
PLOG-11297	proteomics_log	3916585	3916698	-	5	14	R.TALAQYRELAAFSQFASDLDDATRQQLDHGQKVTELLK.Q	42
PLOG-11298	proteomics_log	3916603	3916626	-	5	2	R.KQLDHGQK.V	12
PLOG-11299	proteomics_log	3916603	3916677	-	5	5	R.ELAAFSQFASDLDDATRQQLDHGQK.V	29
PLOG-11300	proteomics_log	3916603	3916698	-	5	5	R.TALAQYRELAAFSQFASDLDDATRQQLDHGQK.V	36
PLOG-11301	proteomics_log	3916624	3916677	-	5	50	R.ELAAFSQFASDLDDATRQK.Q	22
PLOG-11302	proteomics_log	3916624	3916698	-	5	151	R.TALAQYRELAAFSQFASDLDDATRQK.Q	29
PLOG-11303	proteomics_log	3916624	3916716	-	5	2	K.LSGGIRTALAQYRELAAFSQFASDLDDATRQK.Q	35
PLOG-11304	proteomics_log	3916627	3916677	-	5	184	R.ELAAFSQFASDLDDATR.K	21
PLOG-11305	proteomics_log	3916627	3916698	-	5	175	R.TALAQYRELAAFSQFASDLDDATR.K	28
PLOG-11306	proteomics_log	3916627	3916716	-	5	26	K.LSGGIRTALAQYRELAAFSQFASDLDDATR.K	34
PLOG-11307	proteomics_log	3916627	3916719	-	5	9	K.KLSGGIRTALAQYRELAAFSQFASDLDDATR.K	35
PLOG-11308	proteomics_log	3916678	3916698	-	5	6	R.TALAQYR.E	11
PLOG-11309	proteomics_log	3916699	3916728	-	5	9	K.IMKKLSGGIR.T	14
PLOG-11310	proteomics_log	3916699	3916752	-	5	4	R.VGGAAQTKIMKKLSGGIR.T	22
PLOG-11311	proteomics_log	3916717	3916752	-	5	8	R.VGGAAQTKIM*KK.L	17

PLOG-11312	proteomics_log	3916717	3916752	-	5	89	R.VGGAAQTKIMKK.L	16
PLOG-11313	proteomics_log	3916720	3916752	-	5	4	R.VGGAAQTKIM*K.K	16
PLOG-11314	proteomics_log	3916720	3916752	-	5	20	R.VGGAAQTKIMK.K	15
PLOG-11315	proteomics_log	3916753	3916842	-	5	2	I.SITDGQIFLETNLFNAGIRPAVNPGISVSR.V	34
PLOG-11316	proteomics_log	3916753	3916857	-	5	2	V.PTNVISITDGQIFLETNLFNAGIRPAVNPGISVSR.V	39
PLOG-11317	proteomics_log	3916921	3916971	-	5	99	R.VNAEYVEAFTKGEVKGK.T	21
PLOG-11318	proteomics_log	3916921	3916980	-	5	114	R.AARVNAEYVEAFTKGEVKGK.T	24
PLOG-11319	proteomics_log	3916927	3916971	-	5	96	R.VNAEYVEAFTKGEVK.G	19
PLOG-11320	proteomics_log	3916927	3916980	-	5	43	R.AARVNAEYVEAFTKGEVK.G	22
PLOG-11321	proteomics_log	3916939	3916971	-	5	57	R.VNAEYVEAFTK.G	15
PLOG-11322	proteomics_log	3916993	3917031	-	5	12	R.EAFP GDVFYLHSR.L	17
PLOG-11323	proteomics_log	3916993	3917046	-	5	28	R.RPPGREAFP GDVFYLHSR.L	22
PLOG-11324	proteomics_log	3916993	3917067	-	5	2	R.QISLLLRPPGREAFP GDVFYLHSR.L	29
PLOG-11325	proteomics_log	3917047	3917130	-	5	16	R.DRGEDALIIYDDL SKQAVAYRQISLLLR.R	32
PLOG-11326	proteomics_log	3917068	3917130	-	5	104	R.DRGEDALIIYDDL SKQAVAYR.Q	25
PLOG-11327	proteomics_log	3917086	3917124	-	5	8	R.GEDALIIYDDL SK.Q	17
PLOG-11328	proteomics_log	3917086	3917130	-	5	64	R.DRGEDALIIYDDL SK.Q	19
PLOG-11329	proteomics_log	3917248	3917277	-	5	3	K.ASTISNVVRK.L	14
PLOG-11330	proteomics_log	3917251	3917277	-	5	40	K.ASTISNVVR.K	13
PLOG-11331	proteomics_log	3917251	3917319	-	5	2	R.DSGIKCIYVAIGQKASTISNVVR.K	27
PLOG-11332	proteomics_log	3917305	3917388	-	5	6	R.ELIIGDRQTGKTALAI DAIIINQR.DSGIK.C	32
PLOG-11333	proteomics_log	3917320	3917355	-	5	230	K.TALAI DAIIINQR.D	16
PLOG-11334	proteomics_log	3917320	3917367	-	5	65	R.QTGKTALAI DAIIINQR.D	20
PLOG-11335	proteomics_log	3917320	3917388	-	5	119	R.ELIIGDRQTGKTALAI DAIIINQR.D	27
PLOG-11336	proteomics_log	3917320	3917397	-	5	6	R.GQRELIIGDRQTGKTALAI DAIIINQR.D	30
PLOG-11337	proteomics_log	3917356	3917388	-	5	135	R.ELIIGDRQTGK.T	15
PLOG-11338	proteomics_log	3917356	3917397	-	5	3	R.GQRELIIGDRQTGK.T	18
PLOG-11339	proteomics_log	3917368	3917397	-	5	31	R.GQRELIIGDR.Q	14
PLOG-11340	proteomics_log	3917389	3917463	-	5	2	R.QSVDQPVQTYGKAVDSMIPIGRQR.E	29
PLOG-11341	proteomics_log	3917398	3917427	-	5	11	K.AVDSM*PIGR.G	15
PLOG-11342	proteomics_log	3917398	3917427	-	5	159	K.AVDSMIPIGR.G	14
PLOG-11343	proteomics_log	3917398	3917463	-	5	2	R.QSVDQPVQTYGKAVDSM*PIGR.G	27
PLOG-11344	proteomics_log	3917398	3917463	-	5	119	R.QSVDQPVQTYGKAVDSMIPIGR.G	26
PLOG-11345	proteomics_log	3917428	3917463	-	5	113	R.QSVDQPVQTYGK.A	16
PLOG-11346	proteomics_log	3917428	3917562	-	5	3	R.VVNTLGAPIDGKGPLDHDGFS AVEAIAPGVIERQSVDQPVQTYGK.A	49
PLOG-11347	proteomics_log	3917464	3917526	-	5	48	K.GPLDHDGFS AVEAIAPGVIER.Q	25
PLOG-11348	proteomics_log	3917464	3917532	-	5	30	D.GKGPLDHDGFS AVEAIAPGVIER.Q	27
PLOG-11349	proteomics_log	3917464	3917562	-	5	326	R.VVNTLGAPIDGKGPLDHDGFS AVEAIAPGVIER.Q	37
PLOG-11350	proteomics_log	3917464	3917577	-	5	150	R.GLLGRVVNTLGAPIDGKGPLDHDGFS AVEAIAPGVIER.Q	42
PLOG-11351	proteomics_log	3917527	3917562	-	5	37	R.VVNTLGAPIDGK.G	16
PLOG-11352	proteomics_log	3917578	3917601	-	5	42	R.ILEV PVGR.G	12
PLOG-11353	proteomics_log	3917614	3917676	-	5	82	R.DSVGAVVMGPYADLAEGMKVK.C	25
PLOG-11354	proteomics_log	3917614	3917703	-	5	154	R.YAIALNLERDSVGAVVMGPYADLAEGMKVK.C	34
PLOG-11355	proteomics_log	3917620	3917676	-	5	4	R.DSVGAVVM*GPYADLAEGMK.V	24
PLOG-11356	proteomics_log	3917620	3917676	-	5	4	R.DSVGAVVM*GPYADLAEGM*K.V	25
PLOG-11357	proteomics_log	3917620	3917676	-	5	52	R.DSVGAVVMGPYADLAEGMK.V	23

PLOG-11358	proteomics_log	3917620	3917703	-	5	16	R.YAIALNLERDSVGAVVMGPYADLAEGMK.V	32
PLOG-11359	proteomics_log	3917677	3917703	-	5	167	R.YAIALNLER.D	13
PLOG-11360	proteomics_log	3917677	3917760	-	5	7	R.IHGLADCMQGEMISLPGNRYAIALNLER.D	32
PLOG-11361	proteomics_log	3917761	3917835	-	5	345	R.IAQFNVVSEAHNEGTVSVSDGVIR.I	29
PLOG-11362	proteomics_log	3917836	3917874	-	5	2	Q.LNSTEISELIKQR.I	17
PLOG-11363	proteomics_log	3917836	3917880	-	5	65	S.M*QLNSTEISELIKQR.I	20
PLOG-11364	proteomics_log	3917836	3917880	-	5	256	S.MQLNSTEISELIKQR.I	19
PLOG-11365	proteomics_log	3917842	3917880	-	5	97	S.M*QLNSTEISELIK.Q	18
PLOG-11366	proteomics_log	3917842	3917880	-	5	162	S.MQLNSTEISELIK.Q	17
PLOG-11367	proteomics_log	3917932	3917964	-	5	31	R.AGDM*VIDGSVR.G	16
PLOG-11368	proteomics_log	3917932	3917964	-	5	32	R.AGDMVIDGSVR.G	15
PLOG-11369	proteomics_log	3917965	3917991	-	5	26	K.SVMAGVIIR.A	13
PLOG-11370	proteomics_log	3917965	3918000	-	5	59	K.IDKSVMAGVIIR.A	16
PLOG-11371	proteomics_log	3918019	3918120	-	5	2	V.SEATAEVDVISAAALSEQQLAKISAAM*EKRLSRK.V	39
PLOG-11372	proteomics_log	3918022	3918126	-	5	2	R.AVSEATAEVDVISAAALSEQQLAKISAAMEKRLSR.K	39
PLOG-11373	proteomics_log	3918031	3918054	-	5	45	K.ISAAMEKR.L	12
PLOG-11374	proteomics_log	3918031	3918126	-	5	102	R.AVSEATAEVDVISAAALSEQQLAKISAAMEKR.L	36
PLOG-11375	proteomics_log	3918034	3918054	-	5	9	K.ISAAMEK.R	11
PLOG-11376	proteomics_log	3918034	3918126	-	5	112	R.AVSEATAEVDVISAAALSEQQLAKISAAMEK.R	35
PLOG-11377	proteomics_log	3918055	3918126	-	5	208	R.AVSEATAEVDVISAAALSEQQLAK.I	28
PLOG-11378	proteomics_log	3918127	3918159	-	5	5	L.PDVLEQFIHLR.A	15
PLOG-11379	proteomics_log	3918127	3918162	-	5	3	A.LPDVLEQFIHLR.A	16
PLOG-11380	proteomics_log	3918127	3918165	-	5	3	N.ALPDVLEQFIHLR.A	17
PLOG-11381	proteomics_log	3918127	3918171	-	5	247	R.LNALPDVLEQFIHLR.A	19
PLOG-11382	proteomics_log	3918127	3918192	-	5	67	R.VM*AENGRNLNALPDVLEQFIHLR.A	27
PLOG-11383	proteomics_log	3918127	3918192	-	5	280	R.VMAENGRNLNALPDVLEQFIHLR.A	26
PLOG-11384	proteomics_log	3918307	3918345	-	5	19	R.WQDMLAFAAEVTK.N	17
PLOG-11385	proteomics_log	3918346	3918387	-	5	163	K.AAFDFAVEHQSVR.W	18
PLOG-11386	proteomics_log	3918388	3918423	-	5	177	M.SEFITVARPYAK.A	16
PLOG-11387	proteomics_log	3918444	3918497	-	4	238	R.SVDEAANSDIVDKLVAEL.-	22
PLOG-11388	proteomics_log	3918444	3918509	-	4	5	K.IIERSVDEAANSDIVDKLVAEL.-	26
PLOG-11389	proteomics_log	3918444	3918545	-	4	81	K.QVAILAVAGAEKIIERSVDEAANSDIVDKLVAEL.-	38
PLOG-11390	proteomics_log	3918444	3918548	-	4	40	R.KQVAILAVAGAEKIIERSVDEAANSDIVDKLVAEL.-	39
PLOG-11391	proteomics_log	3918459	3918497	-	4	37	R.SVDEAANSDIVDK.L	17
PLOG-11392	proteomics_log	3918498	3918545	-	4	92	K.QVAILAVAGAEKIIER.S	20
PLOG-11393	proteomics_log	3918498	3918548	-	4	112	R.KQVAILAVAGAEKIIER.S	21
PLOG-11394	proteomics_log	3918498	3918560	-	4	55	R.EELRKQVAILAVAGAEKIIER.S	25
PLOG-11395	proteomics_log	3918498	3918566	-	4	88	R.AREELRKQVAILAVAGAEKIIER.S	27
PLOG-11396	proteomics_log	3918510	3918545	-	4	88	K.QVAILAVAGAEK.I	16
PLOG-11397	proteomics_log	3918510	3918548	-	4	41	R.KQVAILAVAGAEK.I	17
PLOG-11398	proteomics_log	3918510	3918560	-	4	17	R.EELRKQVAILAVAGAEK.I	21
PLOG-11399	proteomics_log	3918510	3918566	-	4	7	R.AREELRKQVAILAVAGAEK.I	23
PLOG-11400	proteomics_log	3918567	3918611	-	4	2	K.IVAQAQAEIEAERKR.A	19
PLOG-11401	proteomics_log	3918567	3918617	-	4	2	R.TKIVAQAQAEIEAERKR.A	21
PLOG-11402	proteomics_log	3918567	3918662	-	4	7	R.SQILDEAKAEAEQERTKIVAQAQAEIEAERKR.A	36
PLOG-11403	proteomics_log	3918573	3918611	-	4	5	K.IVAQAQAEIEAER.K	17

PLOG-11404	proteomics_log	3918573	3918617	-	4	5	R.TKIVAQAQAEIEAER.K	19
PLOG-11405	proteomics_log	3918573	3918662	-	4	3	R.SQILDEAKAEAEQERTKIVAQAQAEIEAER.K	34
PLOG-11406	proteomics_log	3918612	3918662	-	4	97	R.SQILDEAKAEAEQERTK.I	21
PLOG-11407	proteomics_log	3918612	3918665	-	4	99	R.RSQILDEAKAEAEQERTK.I	22
PLOG-11408	proteomics_log	3918618	3918662	-	4	137	R.SQILDEAKAEAEQER.T	19
PLOG-11409	proteomics_log	3918618	3918665	-	4	15	R.RSQILDEAKAEAEQER.T	20
PLOG-11410	proteomics_log	3918663	3918704	-	4	24	K.AEAQVIIIEQANKRR.S	18
PLOG-11411	proteomics_log	3918663	3918710	-	4	6	K.AKAEAQVIIIEQANKRR.S	20
PLOG-11412	proteomics_log	3918666	3918704	-	4	27	K.AEAQVIIIEQANKR.R	17
PLOG-11413	proteomics_log	3918666	3918710	-	4	39	K.AKAEAQVIIIEQANKR.R	19
PLOG-11414	proteomics_log	3918666	3918737	-	4	11	K.ASATDQLKKAKAEAQVIIIEQANKR.R	28
PLOG-11415	proteomics_log	3918669	3918704	-	4	17	K.AEAQVIIIEQANK.R	16
PLOG-11416	proteomics_log	3918669	3918710	-	4	7	K.AKAEAQVIIIEQANK.R	18
PLOG-11417	proteomics_log	3918705	3918737	-	4	95	K.ASATDQLKKAK.A	15
PLOG-11418	proteomics_log	3918705	3918764	-	4	2	R.AHKDLDLAKASATDQLKKAK.A	24
PLOG-11419	proteomics_log	3918711	3918731	-	4	2	S.ATDQLKK.A	11
PLOG-11420	proteomics_log	3918711	3918737	-	4	38	K.ASATDQLKK.A	13
PLOG-11421	proteomics_log	3918711	3918764	-	4	19	R.AHKDLDLAKASATDQLKK.A	22
PLOG-11422	proteomics_log	3918714	3918749	-	4	2	L.DLAKASATDQLK.K	16
PLOG-11423	proteomics_log	3918714	3918764	-	4	2	R.AHKDLDLAKASATDQLK.K	21
PLOG-11424	proteomics_log	3918738	3918764	-	4	55	R.AHKDLDLAK.A	13
PLOG-11425	proteomics_log	3918765	3918803	-	4	3	R.QKEIADGLASAER.A	17
PLOG-11426	proteomics_log	3920003	3920071	-	6	2	M.ASENM*TPQDYIGHHLNQLDLR.T	28
PLOG-11427	proteomics_log	3920003	3920071	-	6	15	M.ASENMTPQDYIGHHLNQLDLR.T	27
PLOG-11428	proteomics_log	3921287	3921334	-	6	2	R.VEEFPSEPPFDGVISR.A	20
PLOG-11429	proteomics_log	3922016	3922090	-	6	2	K.LTTLTPFAPALTDEQAQVEIQVK.Y	29
PLOG-11430	proteomics_log	3922142	3922219	-	6	3	R.LKSTWVTPSAEAAAENVNAHLTAPLSR.E	30
PLOG-11431	proteomics_log	3922442	3922477	-	6	2	R.LSADKEGWAPAR.S	16
PLOG-11432	proteomics_log	3922604	3922651	-	6	2	K.IVRPGYAIEYDFDPR.D	20
PLOG-11433	proteomics_log	3923171	3923209	-	6	2	K.AVVLTVGTFLDGK.I	17
PLOG-11434	proteomics_log	3923216	3923329	-	6	2	R.TALENQPNLMIFQQAVEDLIVENDRVVAVTQMGLKFR.A	42
PLOG-11435	proteomics_log	3923222	3923329	-	6	6	R.TALENQPNLM*IFQQAVEDLIVENDRVVAVTQM*GLK.F	42
PLOG-11436	proteomics_log	3923222	3923329	-	6	75	R.TALENQPNLMIFQQAVEDLIVENDRVVAVTQMGLK.F	40
PLOG-11437	proteomics_log	3923378	3923410	-	6	6	R.ILNASKGPAVR.A	15
PLOG-11438	proteomics_log	3923411	3923440	-	6	28	K.AIDQAGIQFR.I	14
PLOG-11439	proteomics_log	3924038	3924112	-	6	32	K.INILDHDIPEDPAEEWLGSWVNLK.-	29
PLOG-11440	proteomics_log	3926135	3926155	-	6	6	R.DALANSS.W	11
PLOG-11441	proteomics_log	3928715	3928762	-	6	2	K.AGPAILNTLLTAINER.Q	20
PLOG-11442	proteomics_log	3939159	3939197	-	4	3	R.TAVREAVKTLTAK.G	17
PLOG-11443	proteomics_log	3939198	3939275	-	4	3	R.ILKGEYEPGTILPGEIELGEQFGVSR.T	30
PLOG-11444	proteomics_log	3939315	3939347	-	4	2	M.PLSAQQLAAQK.N	15
PLOG-11445	proteomics_log	3957729	3957788	-	4	11	K.LALDLLEQIKNGADFGKLAK.K	24
PLOG-11446	proteomics_log	3957729	3957809	-	4	3	H.ILVKEEKLALDLLEQIKNGADFGKLAK.K	31
PLOG-11447	proteomics_log	3957738	3957788	-	4	22	K.LALDLLEQIKNGADFGK.L	21
PLOG-11448	proteomics_log	3957738	3957809	-	4	5	H.ILVKEEKLALDLLEQIKNGADFGK.L	28
PLOG-11449	proteomics_log	3957738	3957833	-	4	4	M.AKTAALHILVKEEKLALDLLEQIKNGADFGK.L	36

PLOG-11450	proteomics_log	3957759	3957788	-	4	13	K.LALDLLEQIK.N	14
PLOG-11451	proteomics_log	3962700	3962768	-	4	5	R.LRILDEFTRGDLILDIVATDVAAR.G	27
PLOG-11452	proteomics_log	3962769	3962807	-	4	11	R.VGLLTGDVAQKKR.L	17
PLOG-11453	proteomics_log	3962775	3962807	-	4	3	R.VGLLTGDVAQK.K	15
PLOG-11454	proteomics_log	3962850	3962918	-	4	7	R.LLQTLIEEWPDRAIIFANTKHR.C	27
PLOG-11455	proteomics_log	3962856	3962918	-	4	3	R.LLQTLIEEWPDRAIIFANTK.H	25
PLOG-11456	proteomics_log	3962880	3962918	-	4	4	R.LLQTLIEEWPDR.A	17
PLOG-11457	proteomics_log	3963114	3963203	-	4	4	K.QNHINLGAIQVVVLDEADRMVDLGFIKDIR.W	34
PLOG-11458	proteomics_log	3963414	3963476	-	4	17	K.TMAFLTSTFHLLSHPAIADR.K	25
PLOG-11459	proteomics_log	3963477	3963512	-	4	63	R.DVAGQAQTGTGK.T	16
PLOG-11460	proteomics_log	3963573	3963596	-	4	2	K.VVEALEKK.G	12
PLOG-11461	proteomics_log	3963624	3963650	-	4	30	M.SKTHLTEQK.F	13
PLOG-11462	proteomics_log	3967509	3967559	-	4	2	S.GAVSAISFTLSLTARVK.S	21
PLOG-11463	proteomics_log	3968885	3968965	-	6	2	L.GIDQNDIFHMPQNAIDRFSDVVRVEMHR.I	31
PLOG-11464	proteomics_log	3973361	3973408	-	6	2	K.GVARHDHFIARLDIEQ.Q	20
PLOG-11465	proteomics_log	3975935	3976000	-	6	2	R.FGKKAQIAAGGKYTADSLRQA.T	26
PLOG-11466	proteomics_log	3976126	3976152	-	5	12	R.KAAICSLR.S	13
PLOG-11467	proteomics_log	3980935	3980985	-	5	2	C.SMVAPCLKSSFNTLRK.S	21
PLOG-11468	proteomics_log	3984712	3984750	-	5	5	R.DGLMLTLQNNPPQ.-	17
PLOG-11469	proteomics_log	3984712	3984750	-	5	5	R.DGLM*LTQNNPPQ.-	18
PLOG-11470	proteomics_log	3984886	3984939	-	5	3	K.NVGDRPLLWSTLQSLMK.H	22
PLOG-11471	proteomics_log	3984961	3984993	-	5	4	R.LKTNPEQLEK.V	15
PLOG-11472	proteomics_log	3985234	3985260	-	5	20	K.AHVGDEEHR.A	13
PLOG-11473	proteomics_log	3985261	3985308	-	5	35	R.TGAWSSLLDIIPSMK.A	20
PLOG-11474	proteomics_log	3985309	3985332	-	5	2	R.LAEQAYIR.T	12
PLOG-11475	proteomics_log	3985429	3985476	-	5	15	R.AAELAGNDTIPVEITR.V	20
PLOG-11476	proteomics_log	3985911	3986003	-	4	12	R.NLLAQPAAGTTEAKPAPAPQADTPAAAPQGE.-	35
PLOG-11477	proteomics_log	3986025	3986114	-	4	2	K.AFLDEVQLSQQNISM*DLPETLQSQAMLEK.L	35
PLOG-11478	proteomics_log	3986025	3986114	-	4	2	K.AFLDEVQLSQQNISM*DLPETLQSQAM*LEK.L	35
PLOG-11479	proteomics_log	3986025	3986114	-	4	7	K.AFLDEVQLSQQNISM*DLPETLQSQAMLEK.L	34
PLOG-11480	proteomics_log	3986025	3986114	-	4	2	K.AFLDEVQLSQQNISM*DLPETLQSQAM*LEK.L	36
PLOG-11481	proteomics_log	3986115	3986147	-	4	4	R.AYYDTDDATK.A	15
PLOG-11482	proteomics_log	3986148	3986231	-	4	2	R.LLVAAQAVPRHQEETRYRQALENVSTWVR.A	32
PLOG-11483	proteomics_log	3986202	3986231	-	4	68	R.LLVAAQAVPR.H	14
PLOG-11484	proteomics_log	3986250	3986300	-	4	5	R.DDTAVPLLAPNQDIYLR.E	21
PLOG-11485	proteomics_log	3986307	3986345	-	4	36	K.SWQNFMDNFITIR.R	17
PLOG-11486	proteomics_log	3986439	3986474	-	4	15	K.LNQLSNQVDNLR.L	16
PLOG-11487	proteomics_log	3986439	3986543	-	4	3	R.AITDDIASLSAVSQVDYDGIILKLNQLSNQVDNLR.L	39
PLOG-11488	proteomics_log	3986547	3986600	-	4	3	K.SADASLADMNDPSLITVR.R	22
PLOG-11489	proteomics_log	3986547	3986600	-	4	3	K.SADASLADM*NDPSLITVR.R	23
PLOG-11490	proteomics_log	3986601	3986648	-	4	5	R.KLWSDQDVTTAAALLK.S	20
PLOG-11491	proteomics_log	3986661	3986696	-	4	2	K.TWLLAQADFLVK.L	16
PLOG-11492	proteomics_log	3987003	3987044	-	4	3	R.EAVDTTSQPVATEK.K	18
PLOG-11493	proteomics_log	3987851	3987889	-	6	4	R.EILAEVYNGDAPA.-	17
PLOG-11494	proteomics_log	3987851	3987889	-	6	4	R.EILAEVYNGDAPA.-	17
PLOG-11495	proteomics_log	3987890	3987958	-	6	17	R.GAPQDAEQMGISLAEELLNNGAR.E	27



PLOG-11496	proteomics_log	3987890	3987961	-	6	9	R.RGAPQDAEQMGISLAEELLNNGAR.E	28
PLOG-11497	proteomics_log	3988262	3988324	-	6	2	R.LSKLDNGEYDAILAVAGLKR.L	25
PLOG-11498	proteomics_log	3988325	3988351	-	6	3	R.SLRGNVGT.R.L	13
PLOG-11499	proteomics_log	3988568	3988612	-	6	20	K.GLFVKELEVALLNR.A	19
PLOG-11500	proteomics_log	3988568	3988624	-	6	2	K.VGGKGLFVKELEVALLNR.A	23
PLOG-11501	proteomics_log	3991765	3991836	-	5	3	R.SGETFWDLLEQAATQQAGETVSFR.-	28
PLOG-11502	proteomics_log	3992059	3992082	-	5	2	T.M*NDSEFHR.L	13
PLOG-11503	proteomics_log	3994501	3994527	-	5	15	A.RLAAPSPLR.R	13
PLOG-11504	proteomics_log	3994628	3994705	-	6	2	Y.SEGIIDINIQQPIHIVDQVFRQMTR.R	30
PLOG-11505	proteomics_log	3995799	3995873	-	4	3	G.SKRLSQVCIRSPFGLIQQACIPLR.I	29
PLOG-11506	proteomics_log	4002643	4002717	-	5	79	M.SAVLTAEQALKLVGEMFVYHMPFNR.A	29
PLOG-11507	proteomics_log	4008382	4008456	-	5	2	K.NQITIQIVNARTIGGNHVRLNLQII.A	29
PLOG-11508	proteomics_log	4008732	4008764	-	4	3	R.QVKVEKLT.LTR.S	15
PLOG-11509	proteomics_log	4010147	4010230	-	6	2	R.HFLQPAGVSPSLKSVDNLLLLIQMVAAR.M	32
PLOG-11510	proteomics_log	4013545	4013643	-	5	3	K.QPVDIATDLNAPILGLYGGQDNSIPQESVETM*R.Q	38
PLOG-11511	proteomics_log	4013701	4013739	-	5	6	R.ITWLYAAHNPQLK.A	17
PLOG-11512	proteomics_log	4013794	4013850	-	5	4	K.VPDSQVLADLDHVASWASR.N	23
PLOG-11513	proteomics_log	4013851	4013910	-	5	20	R.EGDPNDFADIPTLLSGLVAK.V	24
PLOG-11514	proteomics_log	4013851	4013958	-	5	2	R.LALEGLAIAPELYFREGDPNDFADIPTLLSGLVAK.V	40
PLOG-11515	proteomics_log	4013974	4014042	-	5	25	K.QSDGPLPVVIVVQEIFGVHEHIR.D	27
PLOG-11516	proteomics_log	4025710	4025742	-	5	3	R.ISTTLNLMLER.K	15
PLOG-11517	proteomics_log	4026328	4026369	-	5	4	K.AAGMMGLTAEMLAR.M	18
PLOG-11518	proteomics_log	4026763	4026795	-	5	3	T.MEQVVIVDAIR.T	15
PLOG-11519	proteomics_log	4027200	4027298	-	4	2	R.KITAMPSTRCLMPTALVRRRTASVSGVIKKTAKV.S	37
PLOG-11520	proteomics_log	4027450	4027491	-	5	2	R.VLFPYFAGFSQLLR.D	18
PLOG-11521	proteomics_log	4028095	4028133	-	5	2	R.ALVGIFLNDQYVK.G	17
PLOG-11522	proteomics_log	4028389	4028427	-	5	2	K.AEKLVEGAKAVLR.Q	17
PLOG-11523	proteomics_log	4028419	4028496	-	5	2	I.IAAGKDVGADQALKIGLVDGVVKAEK.L	30
PLOG-11524	proteomics_log	4044242	4044313	-	6	2	R.SWADIVVLCVLFKRKHIP*NKYFLK.Q	29
PLOG-11525	proteomics_log	4045502	4045531	-	6	2	Q.RQEIDDQFWR.H	14
PLOG-11526	proteomics_log	4048351	4048431	-	5	4	R.HPLKDLDDQMIEWAVDSNIAVLVLLTK.A	31
PLOG-11527	proteomics_log	4048432	4048470	-	5	2	R.QSLQGLVVLMDIR.H	17
PLOG-11528	proteomics_log	4048564	4048605	-	5	13	R.TQLINLFEVADGKR.L	18
PLOG-11529	proteomics_log	4048564	4048617	-	5	7	K.TPGRTQLINLFEVADGKR.L	22
PLOG-11530	proteomics_log	4048564	4048626	-	5	68	R.TSKTPGRTQLINLFEVADGKR.L	25
PLOG-11531	proteomics_log	4048567	4048605	-	5	3	R.TQLINLFEVADGK.R	17
PLOG-11532	proteomics_log	4048627	4048686	-	5	6	R.SNAGKSSALNTLTNQKSLAR.T	24
PLOG-11533	proteomics_log	4048639	4048671	-	5	75	K.SSALNTLTNQK.S	15
PLOG-11534	proteomics_log	4048639	4048686	-	5	8	R.SNAGKSSALNTLTNQK.S	20
PLOG-11535	proteomics_log	4048687	4048731	-	5	4	R.HLPSDTGIEVAFAGR.S	19
PLOG-11536	proteomics_log	4048732	4048785	-	5	2	L.TNLNYQQTHFVM*SAPDIR.H	23
PLOG-11537	proteomics_log	4048732	4048785	-	5	13	L.TNLNYQQTHFVMSAPDIR.H	22
PLOG-11538	proteomics_log	4052252	4052302	-	6	3	L.GVEAKLLHPETEALTR.L	21
PLOG-11539	proteomics_log	4052660	4052740	-	6	2	R.AKAPFIALNMAAIPKDLIESELFGEK.G	31
PLOG-11540	proteomics_log	4054651	4054692	-	5	6	R.M*TPHPVEFELYYSV.-	19
PLOG-11541	proteomics_log	4054651	4054692	-	5	203	R.MTPHPVEFELYYSV.-	18

PLOG-11542	proteomics_log	4054717	4054767	-	5	57	K.AGGVFTDEAIDAYIALR.R	21
PLOG-11543	proteomics_log	4054768	4054839	-	5	28	K.EIPQVAGSLEEALNELDLDFREFLK.A	28
PLOG-11544	proteomics_log	4054900	4054977	-	5	5	R.FDPAAANPYLCFAALLMAGLDGIKNK.I	30
PLOG-11545	proteomics_log	4054993	4055037	-	5	140	R.SASIRIPVVSSPKAR.R	19
PLOG-11546	proteomics_log	4054993	4055043	-	5	3	R.NRSASIRIPVVSSPKAR.R	21
PLOG-11547	proteomics_log	4054999	4055022	-	5	2	R.IPVVSSPK.A	12
PLOG-11548	proteomics_log	4054999	4055037	-	5	141	R.SASIRIPVVSSPK.A	17
PLOG-11549	proteomics_log	4054999	4055043	-	5	5	R.NRSASIRIPVVSSPK.A	19
PLOG-11550	proteomics_log	4055044	4055085	-	5	10	V.PGYEAPVMLAYSAR.N	18
PLOG-11551	proteomics_log	4055044	4055091	-	5	10	R.LVPGYEAPVM*LAYSAR.N	21
PLOG-11552	proteomics_log	4055044	4055091	-	5	99	R.LVPGYEAPVMLAYSAR.N	20
PLOG-11553	proteomics_log	4055044	4055094	-	5	5	K.RLVPGYEAPVMLAYSAR.N	21
PLOG-11554	proteomics_log	4055053	4055091	-	5	2	R.LVPGYEAPVM*LAY.S	18
PLOG-11555	proteomics_log	4055059	4055091	-	5	2	R.LVPGYEAPVM*L.A	16
PLOG-11556	proteomics_log	4055092	4055136	-	5	266	K.AINALANPTTNSYKR.L	19
PLOG-11557	proteomics_log	4055092	4055145	-	5	2	K.HAKAINALANPTTNSYKR.L	22
PLOG-11558	proteomics_log	4055095	4055136	-	5	16	K.AINALANPTTNSYK.R	18
PLOG-11559	proteomics_log	4055104	4055136	-	5	6	K.AINALANPTTN.S	15
PLOG-11560	proteomics_log	4055137	4055226	-	5	138	K.NGVNLFAGDKYAGLSEQALYYIGGVIKHAK.A	34
PLOG-11561	proteomics_log	4055146	4055226	-	5	157	K.NGVNLFAGDKYAGLSEQALYYIGGVIK.H	31
PLOG-11562	proteomics_log	4055167	4055226	-	5	8	K.NGVNLFAGDKYAGLSEQALY.Y	24
PLOG-11563	proteomics_log	4055302	4055337	-	5	21	K.YVVHNVHRFGK.T	16
PLOG-11564	proteomics_log	4055302	4055364	-	5	4	K.KADEIQIYKYVVHNVHRFGK.T	25
PLOG-11565	proteomics_log	4055311	4055337	-	5	86	K.YVVHNVHR.F	13
PLOG-11566	proteomics_log	4055311	4055361	-	5	7	K.ADEIQIYKYVVHNVHR.F	21
PLOG-11567	proteomics_log	4055311	4055364	-	5	94	K.KADEIQIYKYVVHNVHR.F	22
PLOG-11568	proteomics_log	4055338	4055364	-	5	18	K.KADEIQIYK.Y	13
PLOG-11569	proteomics_log	4055479	4055526	-	5	56	K.GGYFPVPPVDSAQDIR.S	20
PLOG-11570	proteomics_log	4055527	4055637	-	5	3	R.FGSSISGSHVAIDDIEGAWNSSTQYEGGNKGHRPAVK.G	41
PLOG-11571	proteomics_log	4055638	4055679	-	5	53	L.FGPEPEFFLFDDIR.F	18
PLOG-11572	proteomics_log	4055638	4055706	-	5	336	R.STGIADTVLFGPEPEFFLFDDIR.F	27
PLOG-11573	proteomics_log	4055638	4055724	-	5	3	R.AEDYLRSTGIADTVLFGPEPEFFLFDDIR.F	33
PLOG-11574	proteomics_log	4055656	4055706	-	5	5	R.STGIADTVLFGPEPEFF.L	21
PLOG-11575	proteomics_log	4055707	4055727	-	5	68	K.RAEDYLR.S	11
PLOG-11576	proteomics_log	4055707	4055739	-	5	20	R.SIAKRAEDYLR.S	15
PLOG-11577	proteomics_log	4055791	4055880	-	5	4	K.GINESDM*VLM*PDASTAVIDPFFADSTLIIR.C	36
PLOG-11578	proteomics_log	4055791	4055880	-	5	6	K.GINESDMVLM*PDASTAVIDPFFADSTLIIR.C	35
PLOG-11579	proteomics_log	4055791	4055880	-	5	77	K.GINESDMVLM*PDASTAVIDPFFADSTLIIR.C	34
PLOG-11580	proteomics_log	4055791	4055913	-	5	7	K.MFDGSSIGGWKGINESDMVLM*PDASTAVIDPFFADSTLIIR.C	45
PLOG-11581	proteomics_log	4055914	4055979	-	5	7	K.GKEQHVTIPAHQVNAEFFEEGK.M	26
PLOG-11582	proteomics_log	4055914	4055994	-	5	7	R.FTDTKGKEQHVTIPAHQVNAEFFEEGK.M	31
PLOG-11583	proteomics_log	4055995	4056054	-	5	20	M.SAEHVLTMLNEHEVKFVDLR.F	25
PLOG-11584	proteomics_log	4055995	4056054	-	5	143	M.SAEHVLTMLNEHEVKFVDLR.F	24
PLOG-11585	proteomics_log	4056010	4056054	-	5	10	M.SAEHVLTMLNEHEVK.F	20
PLOG-11586	proteomics_log	4056010	4056054	-	5	156	M.SAEHVLTMLNEHEVK.F	19
PLOG-11587	proteomics_log	4058517	4058603	-	4	3	V.IRLMPSSSPSSLSEGSFPPGVVMPSFNHR.S	33

PLOG-11588	proteomics_log	4066451	4066489	-	6	90	K.KLDTMRNAGVKVN.G	17
PLOG-11589	proteomics_log	4073975	4073995	-	6	2	F.AHPQILR.Q	11
PLOG-11590	proteomics_log	4078325	4078363	-	6	4	R.SSINPFLFPGEGE.-	17
PLOG-11591	proteomics_log	4078388	4078435	-	6	5	K.IEAVADDLASLVLDAR.M	20
PLOG-11592	proteomics_log	4078388	4078462	-	6	21	K.ILYQEKDPKIEAVADDLASLVLDAR.M	29
PLOG-11593	proteomics_log	4078859	4078936	-	6	4	K.LLMALIAELKPEMSGPALAVIENLEK.A	30
PLOG-11594	proteomics_log	4079012	4079086	-	6	94	R.FAALIAHAQEVVLYDHPLEMDLTAR.I	29
PLOG-11595	proteomics_log	4080750	4080779	-	4	2	M.AYQSQDIIRR.S	14
PLOG-11596	proteomics_log	4081695	4081715	-	4	3	T.GAVIVKK.G	11
PLOG-11597	proteomics_log	4081698	4081742	-	4	2	A.LADITDPATGAVIVK.K	19
PLOG-11598	proteomics_log	4098066	4098167	-	4	20	V.LISTEGGRM*TLLGLVVALIGVGIVTRAGQLKERK.M	39
PLOG-11599	proteomics_log	4098174	4098263	-	4	3	R.YLGMMSMGIGIAIGITLVGTLMTPHINGNF.D	34
PLOG-11600	proteomics_log	4100261	4100347	-	6	4	V.LPSAKAKNGISVCTALLKNSRNSGSRFPR.A	33
PLOG-11601	proteomics_log	4103160	4103258	-	4	50	R.QEASFDGQTLELTGTEFTLLYLLAQHLGQVVS.R.E	37
PLOG-11602	proteomics_log	4103364	4103435	-	4	3	R.VLGLELGADDYLPKPFNDRELVAR.I	28
PLOG-11603	proteomics_log	4103364	4103453	-	4	2	R.GSELDRLVGLLELGADDYLPKPFNDRELVAR.I	34
PLOG-11604	proteomics_log	4103454	4103501	-	4	2	K.ALQRQTHQTPVIM*LTAR.G	21
PLOG-11605	proteomics_log	4103640	4103684	-	4	2	K.ILLVDDDRELTSLK.E	19
PLOG-11606	proteomics_log	4108331	4108366	-	6	2	K.M*VLRTPGAGVDR.Q	17
PLOG-11607	proteomics_log	4108766	4108816	-	6	12	K.ADAFAVIVKAAEAAKQA.-	21
PLOG-11608	proteomics_log	4108772	4108816	-	6	19	K.ADAFAVIVKAAEAAK.Q	19
PLOG-11609	proteomics_log	4108790	4108816	-	6	63	K.ADAFAVIVK.A	13
PLOG-11610	proteomics_log	4108877	4108966	-	6	8	K.FIRDHIAKVDANIAEQVIIQYGGSVNASNA.A	34
PLOG-11611	proteomics_log	4108958	4109002	-	6	6	K.SATPAQAQAVHKFIR.D	19
PLOG-11612	proteomics_log	4108967	4108993	-	6	3	T.PAQAQAVHK.F	13
PLOG-11613	proteomics_log	4108967	4108996	-	6	3	A.TPAQAQAVHK.F	14
PLOG-11614	proteomics_log	4108967	4109002	-	6	233	K.SATPAQAQAVHK.F	16
PLOG-11615	proteomics_log	4108967	4109074	-	6	2	K.TQGAAAFEGAVIAYEPVWAIAGTGKSATPAQAQAVHK.F	40
PLOG-11616	proteomics_log	4109003	4109074	-	6	174	K.TQGAAAFEGAVIAYEPVWAIAGTGK.S	28
PLOG-11617	proteomics_log	4109003	4109095	-	6	6	R.QIDAVLKTQGAAAFEGAVIAYEPVWAIAGTGK.S	35
PLOG-11618	proteomics_log	4109075	4109095	-	6	12	R.QIDAVLK.T	11
PLOG-11619	proteomics_log	4109096	4109194	-	6	8	K.FAVLKEQGLTPVLCIGETEAEAGKTEEVCAR.Q	37
PLOG-11620	proteomics_log	4109096	4109197	-	6	5	K.KFAVLKEQGLTPVLCIGETEAEAGKTEEVCAR.Q	38
PLOG-11621	proteomics_log	4109195	4109233	-	6	291	R.TYHKESDELIAKK.F	17
PLOG-11622	proteomics_log	4109195	4109236	-	6	30	R.RTYHKESDELIAKK.F	18
PLOG-11623	proteomics_log	4109198	4109233	-	6	142	R.TYHKESDELIAK.K	16
PLOG-11624	proteomics_log	4109198	4109236	-	6	17	R.RTYHKESDELIAK.K	17
PLOG-11625	proteomics_log	4109237	4109278	-	6	46	K.DIGAQYIIIGHSER.R	18
PLOG-11626	proteomics_log	4109279	4109374	-	6	3	R.EAEGSHIMLGAQNVLDNLGSAFTGETSAAMLK.D	36
PLOG-11627	proteomics_log	4109375	4109446	-	6	9	K.ELAGVAGCAVAIAPPEMYIDMAKR.E	28
PLOG-11628	proteomics_log	4109375	4109449	-	6	2	R.KELAGVAGCAVAIAPPEMYIDMAKR.E	29
PLOG-11629	proteomics_log	4109375	4109482	-	6	5	R.HMVHELVSNLKELAGVAGCAVAIAPPEMYIDMAKR.E	40
PLOG-11630	proteomics_log	4109447	4109482	-	6	15	R.HM*VHELVSNLK.E	17
PLOG-11631	proteomics_log	4109447	4109482	-	6	249	R.HMVHELVSNLK.E	16
PLOG-11632	proteomics_log	4109450	4109482	-	6	8	R.HM*VHELVSNLK.K	16
PLOG-11633	proteomics_log	4109450	4109482	-	6	63	R.HMVHELVSNLK.K	15

PLOG-11634	proteomics_log	4109483	4109530	-	6	88	K.MRHPLVMGNWKLNGSR.H	20
PLOG-11635	proteomics_log	4109492	4109530	-	6	6	K.MRHPLVMGNWKL.N.G	17
PLOG-11636	proteomics_log	4109498	4109530	-	6	178	K.MRHPLVMGNWK.L	15
PLOG-11637	proteomics_log	4112382	4112462	-	4	5	K.VQNWTDALFSLTVHAPVLPFTAGQFTK.L	31
PLOG-11638	proteomics_log	4112676	4112714	-	4	3	R.KGNIATTETLLIR.G	17
PLOG-11639	proteomics_log	4113063	4113104	-	4	4	R.HDAVIAEMQQLGVR.V	18
PLOG-11640	proteomics_log	4113105	4113170	-	4	6	R.NVAAALGKPLSELTVTILAKPR.H	26
PLOG-11641	proteomics_log	4113171	4113212	-	4	3	K.GTIDLNLPLADNLR.N	18
PLOG-11642	proteomics_log	4113480	4113524	-	4	2	R.GDKNTADGAAVNAM*R.I	20
PLOG-11643	proteomics_log	4113740	4113766	-	6	6	R.AM*AWEEHDE.-	14
PLOG-11644	proteomics_log	4113740	4113766	-	6	32	R.AMAWEEHDE.-	13
PLOG-11645	proteomics_log	4113740	4113769	-	6	5	K.RAMAWEEHDE.-	14
PLOG-11646	proteomics_log	4113806	4113838	-	6	48	R.EFRPGIETTER.N	15
PLOG-11647	proteomics_log	4113806	4113853	-	6	2	K.AVIEREFRPGIETTER.N	20
PLOG-11648	proteomics_log	4113839	4113934	-	6	70	R.EVTALGAAYLAGLAVGFQNLDELQEKAVIER.E	36
PLOG-11649	proteomics_log	4113854	4113934	-	6	490	R.EVTALGAAYLAGLAVGFQNLDELQEK.A	31
PLOG-11650	proteomics_log	4113854	4113955	-	6	14	R.VERPEVREVTALGAAYLAGLAVGFQNLDELQEK.A	38
PLOG-11651	proteomics_log	4113878	4113934	-	6	66	R.EVTALGAAYLAGLAVGFQ.N	23
PLOG-11652	proteomics_log	4113935	4114021	-	6	17	R.VDGGAVANNFLMQFQSDILGTRVERPEVR.E	33
PLOG-11653	proteomics_log	4113956	4114021	-	6	14	R.VDGGAVANNFLM*QFQSDILGTR.V	27
PLOG-11654	proteomics_log	4113956	4114021	-	6	78	R.VDGGAVANNFLMQFQSDILGTR.V	26
PLOG-11655	proteomics_log	4113956	4114036	-	6	25	R.LHALRVDGGAVANNFLMQFQSDILGTR.V	31
PLOG-11656	proteomics_log	4114022	4114108	-	6	3	R.ATLESIAYQTRDVLEAMQADSGIRLHALR.V	33
PLOG-11657	proteomics_log	4114037	4114075	-	6	11	R.DVLEAM*QADSGIR.L	18
PLOG-11658	proteomics_log	4114037	4114075	-	6	59	R.DVLEAMQADSGIR.L	17
PLOG-11659	proteomics_log	4114037	4114108	-	6	41	R.ATLESIAYQTRDVLEAMQADSGIR.L	28
PLOG-11660	proteomics_log	4114037	4114135	-	6	3	R.GVNANHIIRATLESIAYQTRDVLEAMQADSGIR.L	37
PLOG-11661	proteomics_log	4114076	4114108	-	6	59	R.ATLESIAYQTR.D	15
PLOG-11662	proteomics_log	4114076	4114135	-	6	9	R.GVNANHIIRATLESIAYQTR.D	24
PLOG-11663	proteomics_log	4114076	4114159	-	6	2	R.GAIFGLTRGVNANHIIRATLESIAYQTR.D	32
PLOG-11664	proteomics_log	4114109	4114135	-	6	17	R.GVNANHIIR.A	13
PLOG-11665	proteomics_log	4114109	4114159	-	6	2	R.GAIFGLTRGVNANHIIR.A	21
PLOG-11666	proteomics_log	4114136	4114159	-	6	12	R.GAIFGLTR.G	12
PLOG-11667	proteomics_log	4114160	4114237	-	6	48	K.VQNTNGVYVPAFTGLGAPYWDPYAR.G	30
PLOG-11668	proteomics_log	4114238	4114279	-	6	32	K.LINDAYDSEYFATK.V	18
PLOG-11669	proteomics_log	4114547	4114585	-	6	27	R.SSEVYGQTNIGGK.G	17
PLOG-11670	proteomics_log	4114547	4114588	-	6	20	R.RSSEVYGQTNIGGK.G	18
PLOG-11671	proteomics_log	4114586	4114678	-	6	8	R.TMLFNIHTLDWDDKMLEVLDIPREMLPEVRR.S	35
PLOG-11672	proteomics_log	4114589	4114636	-	6	14	K.MLEVLDIPREMLPEVR.R	20
PLOG-11673	proteomics_log	4114589	4114678	-	6	3	R.TM*LFNIHTLDWDDKM*LEVLDIPREM*LPEVR.R	37
PLOG-11674	proteomics_log	4114589	4114678	-	6	104	R.TMLFNIHTLDWDDKMLEVLDIPREMLPEVR.R	34
PLOG-11675	proteomics_log	4114610	4114636	-	6	12	K.MLEVLDIPR.E	13
PLOG-11676	proteomics_log	4114610	4114678	-	6	75	R.TMLFNIHTLDWDDKMLEVLDIPR.E	27
PLOG-11677	proteomics_log	4114637	4114678	-	6	14	R.TMLFNIHTLDWDDK.M	18
PLOG-11678	proteomics_log	4114679	4114711	-	6	40	R.VHVTDYTNASR.T	15
PLOG-11679	proteomics_log	4114679	4114726	-	6	3	K.MTQGRVHVTDYTNASR.T	20

PLOG-11680	proteomics_log	4114679	4114726	-	6	3	K.M*TQGRVHVTDYTNASR.T	21
PLOG-11681	proteomics_log	4114712	4114774	-	6	8	R.RGELLFGTVDTWLIWKMTQGR.V	25
PLOG-11682	proteomics_log	4114712	4114780	-	6	4	R.ARRGELLFGTVDTWLIWKMTQGR.V	27
PLOG-11683	proteomics_log	4114727	4114771	-	6	32	R.GELLFGTVDTWLIWK.M	19
PLOG-11684	proteomics_log	4114727	4114774	-	6	45	R.RGELLFGTVDTWLIWK.M	20
PLOG-11685	proteomics_log	4114727	4114780	-	6	9	R.ARRGELLFGTVDTWLIWK.M	22
PLOG-11686	proteomics_log	4114787	4114816	-	6	24	K.WILDHVEGSR.E	14
PLOG-11687	proteomics_log	4114787	4114822	-	6	29	K.VKWILDHVEGSR.E	16
PLOG-11688	proteomics_log	4114817	4114867	-	6	2	R.SNTGLVIDPYFSGTKVK.W	21
PLOG-11689	proteomics_log	4114823	4114867	-	6	6	R.SNTGLVIDPYFSGTK.V	19
PLOG-11690	proteomics_log	4114868	4114891	-	6	22	R.DGLEDYIR.S	12
PLOG-11691	proteomics_log	4114994	4115044	-	6	11	K.ADISSDQIAAIGITNQR.E	21
PLOG-11692	proteomics_log	4115045	4115143	-	6	21	R.EFEQIYPKPGWVEHDPMEIWATQSSTLVEVLAK.A	37
PLOG-11693	proteomics_log	4115144	4115191	-	6	16	R.AVVMMDHDANIISVSQR.E	20
PLOG-11694	proteomics_log	4115192	4115227	-	6	3	Y.IVALDQGTSSR.A	16
PLOG-11695	proteomics_log	4115192	4115230	-	6	103	K.YIVALDQGTSSR.A	17
PLOG-11696	proteomics_log	4115192	4115233	-	6	58	K.KYIVALDQGTSSR.A	18
PLOG-11697	proteomics_log	4115192	4115242	-	6	61	M.TEKKYIVALDQGTSSR.A	21
PLOG-11698	proteomics_log	4115231	4115263	-	6	3	M.TTGQLNMTEKK.Y	15
PLOG-11699	proteomics_log	4116964	4117062	-	5	2	R.QVDDLEELDIGIQAM*AAIPVGAAGEGIGESDVR.V	38
PLOG-11700	proteomics_log	4116964	4117062	-	5	3	R.QVDDLEELDIGIQAMAAIPVGAAGEGIGESDVR.V	37
PLOG-11701	proteomics_log	4117063	4117113	-	5	4	R.LAVQNEWEGLVIYGAVR.Q	21
PLOG-11702	proteomics_log	4117114	4117140	-	5	6	R.ALVDAELAR.L	13
PLOG-11703	proteomics_log	4117114	4117143	-	5	9	R.RALVDAELAR.L	14
PLOG-11704	proteomics_log	4117144	4117176	-	5	9	R.VLVVDGGGSVR.R	15
PLOG-11705	proteomics_log	4117234	4117266	-	5	17	R.ASFGGQIITVK.C	15
PLOG-11706	proteomics_log	4117267	4117353	-	5	5	P.MKYDTSELCDIYQEDVNVVEPLFSNFGGR.A	33
PLOG-11707	proteomics_log	4118442	4118489	-	4	2	K.HLDALVADEDLSRFIL.-	20
PLOG-11708	proteomics_log	4118442	4118567	-	4	3	R.LMEEISYDASDLSGQNITIDADYVSKHLDALVADEDLSRFIL.-	46
PLOG-11709	proteomics_log	4118451	4118489	-	4	36	K.HLDALVADEDLSR.F	17
PLOG-11710	proteomics_log	4118451	4118567	-	4	3	R.LMEEISYDASDLSGQNITIDADYVSKHLDALVADEDLSR.F	43
PLOG-11711	proteomics_log	4118568	4118591	-	4	71	R.RLHTVLER.L	12
PLOG-11712	proteomics_log	4118592	4118645	-	4	9	R.IAEAAWQVNESTENIGAR.R	22
PLOG-11713	proteomics_log	4118646	4118702	-	4	6	K.ALMATEGVNIEFTDSGIKR.I	23
PLOG-11714	proteomics_log	4118703	4118744	-	4	166	R.ILTEPNASITVQYK.A	18
PLOG-11715	proteomics_log	4118745	4118783	-	4	2	R.VELQALTTSDFER.I	17
PLOG-11716	proteomics_log	4118796	4118876	-	4	3	K.TDHILFIASGAFQIAKPSDLIPELQGR.L	31
PLOG-11717	proteomics_log	4118934	4118981	-	4	14	K.RGESSGPDVSREGVQR.D	20
PLOG-11718	proteomics_log	4118949	4118981	-	4	83	K.RGESSGPDVSR.E	15
PLOG-11719	proteomics_log	4118991	4119074	-	4	3	K.LVNPEELKQDAIDAVEQHGIVFIDEIDK.I	32
PLOG-11720	proteomics_log	4119075	4119101	-	4	2	K.LLIEEEAAK.L	13
PLOG-11721	proteomics_log	4119102	4119128	-	4	22	R.KLKIKDAMK.L	13
PLOG-11722	proteomics_log	4119303	4119380	-	4	27	R.ILDVLIPPAKNNWGQTEQQQEPSAAR.Q	30
PLOG-11723	proteomics_log	4119381	4119410	-	4	36	R.YRAEELAEER.I	14
PLOG-11724	proteomics_log	4119405	4119434	-	4	3	R.VQAIEKNRYR.A	14
PLOG-11725	proteomics_log	4119411	4119434	-	4	13	R.VQAIEKNR.Y	12

PLOG-11726	proteomics_log	4119435	4119515	-	4	6	K.FTEVGYVGKEVDSIIRDLTDAAVKMVR.V	31
PLOG-11727	proteomics_log	4119435	4119554	-	4	4	K.LANAPFIKVEATKFTEVGYVGKEVDSIIRDLTDAAVKMVR.V	44
PLOG-11728	proteomics_log	4119444	4119467	-	4	5	R.DLTDAAVK.M	12
PLOG-11729	proteomics_log	4119444	4119506	-	4	2	E.VGYVGKEVDSIIRDLTDAAVK.M	25
PLOG-11730	proteomics_log	4119444	4119509	-	4	38	T.EVGYVGKEVDSIIRDLTDAAVK.M	26
PLOG-11731	proteomics_log	4119444	4119515	-	4	86	K.FTEVGYVGKEVDSIIRDLTDAAVK.M	28
PLOG-11732	proteomics_log	4119444	4119530	-	4	41	K.VEATKFTEVGYVGKEVDSIIRDLTDAAVK.M	33
PLOG-11733	proteomics_log	4119444	4119554	-	4	88	K.LANAPFIKVEATKFTEVGYVGKEVDSIIRDLTDAAVK.M	41
PLOG-11734	proteomics_log	4119468	4119515	-	4	2	K.FTEVGYVGKEVDSIIR.D	20
PLOG-11735	proteomics_log	4119468	4119554	-	4	7	K.LANAPFIKVEATKFTEVGYVGKEVDSIIR.D	33
PLOG-11736	proteomics_log	4119516	4119554	-	4	3	K.LANAPFIKVEATK.F	17
PLOG-11737	proteomics_log	4119567	4119617	-	4	115	K.NILMIGPTGVGKTEIAR.R	21
PLOG-11738	proteomics_log	4119582	4119617	-	4	2	K.NILMIGPTGVGK.T	16
PLOG-11739	proteomics_log	4119618	4119659	-	4	5	R.MQLNEELRHEVTPK.N	18
PLOG-11740	proteomics_log	4119675	4119698	-	4	5	K.RSVAIALR.N	12
PLOG-11741	proteomics_log	4119696	4119749	-	4	71	R.EIVSELDKHIIGQDNAKR.S	22
PLOG-11742	proteomics_log	4119699	4119749	-	4	12	R.EIVSELDKHIIGQDNAK.R	21
PLOG-11743	proteomics_log	4119858	4119905	-	4	4	R.ALLENTELSAREIAEK.A	20
PLOG-11744	proteomics_log	4119873	4119905	-	4	115	R.ALLENTELSAR.E	15
PLOG-11745	proteomics_log	4119906	4120040	-	4	7	R.KLEALLAVADETASLIITGNGDVVQPENDLIAIGSSGGPYAQAAR.A	49
PLOG-11746	proteomics_log	4120014	4120049	-	4	60	R.MLRKLEALLAVA.D	16
PLOG-11747	proteomics_log	4120089	4120118	-	4	2	K.LEM*HQGHLVK.A	15
PLOG-11748	proteomics_log	4120089	4120121	-	4	42	R.KLEMHQGHLVK.A	15
PLOG-11749	proteomics_log	4120122	4120178	-	4	9	I.AGFAGGTADAFTLFELFER.K	23
PLOG-11750	proteomics_log	4120122	4120184	-	4	2	K.VIAGFAGGTADAFTLFELFER.K	25
PLOG-11751	proteomics_log	4120122	4120199	-	4	17	R.LYNDKVIAGFAGGTADAFTLFELFER.K	30
PLOG-11752	proteomics_log	4120122	4120202	-	4	171	R.RLYNDKVIAGFAGGTADAFTLFELFER.K	31
PLOG-11753	proteomics_log	4120212	4120283	-	4	5	R.NGHVVIAGDGQATLGNTVMKGNVK.K	28
PLOG-11754	proteomics_log	4120568	4120594	-	6	4	R.GAEQAETVR.A	13
PLOG-11755	proteomics_log	4120622	4120669	-	6	59	R.AADAPKPTAEKKDERR.W	20
PLOG-11756	proteomics_log	4120775	4120810	-	6	135	R.TSQAAPVQAQPR.Q	16
PLOG-11757	proteomics_log	4120816	4120842	-	5	2	V.RLNKAGSSR.R	13
PLOG-11758	proteomics_log	4120862	4120891	-	6	25	R.QAQQLAEQQR.L	14
PLOG-11759	proteomics_log	4121036	4121062	-	6	5	T.EPSAGGEVK.T	13
PLOG-11760	proteomics_log	4123619	4123693	-	6	2	R.AGNARPAIQHVLDLKGQKVQAGLAP.A	29
PLOG-11761	proteomics_log	4126104	4126175	-	4	2	R.SDEIPEAAKEIMREMGINPETWEY.-	28
PLOG-11762	proteomics_log	4126137	4126175	-	4	2	R.SDEIPEAAKEIMR.E	17
PLOG-11763	proteomics_log	4126185	4126268	-	4	2	R.HATNSELLCEAFLHAFTGQPLPDDADLR.K	32
PLOG-11764	proteomics_log	4126269	4126289	-	4	15	R.RQVNNLR.H	11
PLOG-11765	proteomics_log	4126314	4126346	-	4	17	K.ITVSIPLKVLK.I	15
PLOG-11766	proteomics_log	4126314	4126349	-	4	42	K.KITVSIPLKVLK.I	16
PLOG-11767	proteomics_log	4126314	4126364	-	4	5	K.SEQVKKITVSIPLKVLK.I	21
PLOG-11768	proteomics_log	4126365	4126415	-	4	5	M.AEWSGEYISPYAEHGKK.S	21
PLOG-11769	proteomics_log	4132961	4133005	-	6	6	G.SKRSVRSVTSIVGLR.F	19
PLOG-11770	proteomics_log	4136519	4136569	-	6	27	R.LLAAGIGDALATWFEAR.A	21
PLOG-11771	proteomics_log	4137354	4137428	-	4	2	K.EGITTLGTAVYSAAQGLLAALAGAK.Y	29

PLOG-11772	proteomics_log	4138439	4138492	-	6	2	R.HYNSLNPFAFLRALDYAVQ.A	22
PLOG-11773	proteomics_log	4140634	4140675	-	5	4	F.AIQHDGNRQQTAR.Y	18
PLOG-11774	proteomics_log	4143666	4143716	-	4	3	L.FRLALRSWLLIPTAIR.Q	21
PLOG-11775	proteomics_log	4146558	4146611	-	4	8	K.NALIDYDTLPYGDQVGNQ.-	22
PLOG-11776	proteomics_log	4146672	4146746	-	4	7	K.YSLAELIHTWSDLAGLSYDGYDPTR.S	29
PLOG-11777	proteomics_log	4148473	4148568	-	5	4	R.QAEKEGQEPDPRVEQALMVTIAGIAAGMRNTG.-	36
PLOG-11778	proteomics_log	4148482	4148532	-	5	122	R.VEQALMVTIAGIAAGMR.N	21
PLOG-11779	proteomics_log	4148482	4148568	-	5	7	R.QAEKEGQEPDPRVEQALMVTIAGIAAGMR.N	33
PLOG-11780	proteomics_log	4148575	4148625	-	5	105	R.NIYTDPLNVLQAEELLHR.S	21
PLOG-11781	proteomics_log	4148593	4148625	-	5	5	R.NIYTDPLNVLQ.A	15
PLOG-11782	proteomics_log	4148626	4148700	-	5	10	K.VVLAIANDSLHLMADLPWIAESIQLR.N	29
PLOG-11783	proteomics_log	4148626	4148724	-	5	89	R.NLQEEDIKVVLAIANDSLHLMADLPWIAESIQLR.N	37
PLOG-11784	proteomics_log	4148734	4148766	-	5	4	R.LVDKALWPLGK.E	15
PLOG-11785	proteomics_log	4148755	4148832	-	5	2	R.LGMLEMVFAKADLWLAEYYDQRLVDK.A	30
PLOG-11786	proteomics_log	4148767	4148802	-	5	6	K.ADLWLAEYYDQR.L	16
PLOG-11787	proteomics_log	4148767	4148832	-	5	3	R.LGMLEMVFAKADLWLAEYYDQR.L	26
PLOG-11788	proteomics_log	4148803	4148832	-	5	38	R.LGMLEMVFAK.A	14
PLOG-11789	proteomics_log	4148902	4148946	-	5	38	R.LMLPAWLGAGTALQK.V	19
PLOG-11790	proteomics_log	4148902	4148982	-	5	7	R.AIPWIFAWTQNRMLPAWLGAGTALQK.V	31
PLOG-11791	proteomics_log	4148947	4148982	-	5	31	R.AIPWIFAWTQNR.L	16
PLOG-11792	proteomics_log	4148983	4149012	-	5	3	R.RPTGGVESLR.A	14
PLOG-11793	proteomics_log	4149073	4149114	-	5	2	R.GYVRENKDFVPYFR.S	18
PLOG-11794	proteomics_log	4149307	4149360	-	5	3	R.GGAPAHAALLSQPPGSLK.G	22
PLOG-11795	proteomics_log	4149379	4149411	-	5	7	K.AGIELTLFHGR.G	15
PLOG-11796	proteomics_log	4149538	4149606	-	5	2	F.ETLDDLNNANDVM*TQLLNIDWYR.G	28
PLOG-11797	proteomics_log	4149538	4149648	-	5	50	K.EAGIGFAMPVAPLFETLDDLNNANDVMTQLLNIDWYR.G	41
PLOG-11798	proteomics_log	4149649	4149687	-	5	26	K.TPSDVLAVHLLK.E	17
PLOG-11799	proteomics_log	4149889	4149918	-	5	2	R.HTEALGELTR.Y	14
PLOG-11800	proteomics_log	4150123	4150155	-	5	6	R.LMATQAWLEAR.L	15
PLOG-11801	proteomics_log	4150171	4150299	-	5	2	K.ATDLFLKDIQVLVSELSMVEATPELLALVGEEGAAEPYRYLMK.N	47
PLOG-11802	proteomics_log	4150183	4150278	-	5	4	K.DIQVLVSELSMVEATPELLALVGEEGAAEPYR.Y	36
PLOG-11803	proteomics_log	4150183	4150299	-	5	26	K.ATDLFLKDIQVLVSELSMVEATPELLALVGEEGAAEPYR.Y	43
PLOG-11804	proteomics_log	4150183	4150305	-	5	32	R.WKATDLFLKDIQVLVSELSMVEATPELLALVGEEGAAEPYR.Y	45
PLOG-11805	proteomics_log	4150390	4150455	-	5	16	R.ELNEQLEENLGYKLPVEFVPR.F	26
PLOG-11806	proteomics_log	4150456	4150512	-	5	3	K.WGFAVVENSLWQGVPNYLR.E	23
PLOG-11807	proteomics_log	4150513	4150542	-	5	5	K.LRPSPVDEAK.W	14
PLOG-11808	proteomics_log	4150750	4150791	-	5	6	K.LKNQPELSEDTIKK.A	18
PLOG-11809	proteomics_log	4150750	4150794	-	5	4	R.KLKNQPELSEDTIKK.A	19
PLOG-11810	proteomics_log	4150804	4150839	-	5	73	K.GEAASNPEVIAR.T	16
PLOG-11811	proteomics_log	4150804	4150902	-	5	43	R.AFSQFLNLANTAQYHSISPKGEAASNPEVIAR.T	37
PLOG-11812	proteomics_log	4150840	4150902	-	5	71	R.AFSQFLNLANTAQYHSISPK.G	25
PLOG-11813	proteomics_log	4150903	4150962	-	5	7	R.QELLTTLQNLNDELPPVAR.A	24
PLOG-11814	proteomics_log	4150903	4150983	-	5	102	R.AGNDANRQELLTTLQNLNDELPPVAR.A	31
PLOG-11815	proteomics_log	4150903	4150992	-	5	20	K.SSRAGNDANRQELLTTLQNLNDELPPVAR.A	34
PLOG-11816	proteomics_log	4150993	4151019	-	5	5	R.VETIRKLSK.S	13
PLOG-11817	proteomics_log	4150993	4151070	-	5	16	K.VLGETIKDALGEHILERVETIRKLSK.S	30

PLOG-11818	proteomics_log	4151002	4151070	-	5	5	K.VLGETIKDALGEHILERVETIRK.L	27
PLOG-11819	proteomics_log	4151005	4151070	-	5	133	K.VLGETIKDALGEHILERVETIR.K	26
PLOG-11820	proteomics_log	4151005	4151094	-	5	7	R.SNVSMGLGKVLGETIKDALGEHILERVETIR.K	34
PLOG-11821	proteomics_log	4151020	4151070	-	5	288	K.VLGETIKDALGEHILER.V	21
PLOG-11822	proteomics_log	4151020	4151094	-	5	5	R.SNVSM*LGKVLGETIKDALGEHILER.V	30
PLOG-11823	proteomics_log	4151020	4151094	-	5	18	R.SNVSMGLGKVLGETIKDALGEHILER.V	29
PLOG-11824	proteomics_log	4151020	4151121	-	5	4	N.MNEQYSALRSNVSMGLGKVLGETIKDALGEHILER.V	38
PLOG-11825	proteomics_log	4151020	4151121	-	5	4	N.M*NEQYSALRSNVSM*LGKVLGETIKDALGEHILER.V	40
PLOG-11826	proteomics_log	4151071	4151094	-	5	7	R.SNVSMGLGK.V	12
PLOG-11827	proteomics_log	4151071	4151121	-	5	25	N.MNEQYSALRSNVSMGLGK.V	21
PLOG-11828	proteomics_log	4151095	4151121	-	5	9	N.M*NEQYSALR.S	14
PLOG-11829	proteomics_log	4151095	4151121	-	5	73	N.MNEQYSALR.S	13
PLOG-11830	proteomics_log	4152193	4152267	-	5	7	R.GVNAIELMHDAIGHILQLRDNLKER.Y	29
PLOG-11831	proteomics_log	4152199	4152267	-	5	5	R.GVNAIELMHDAIGHILQLRDNLK.E	27
PLOG-11832	proteomics_log	4152211	4152267	-	5	40	R.GVNAIELMHDAIGHILQLR.D	23
PLOG-11833	proteomics_log	4152268	4152306	-	5	56	R.IQGQSGHSSDPAR.G	17
PLOG-11834	proteomics_log	4152415	4152477	-	5	9	K.LKKPLYILATADEETSMAGAR.Y	25
PLOG-11835	proteomics_log	4152478	4152528	-	5	75	K.GFFAFILDALRDVDVTK.L	21
PLOG-11836	proteomics_log	4152601	4152693	-	5	9	R.NKFNMLASIGQGAGLLLAGHTDTPFDDGR.W	35
PLOG-11837	proteomics_log	4152694	4152738	-	5	2	K.DLGFNVEVQPVPGTR.N	19
PLOG-11838	proteomics_log	4152694	4152831	-	5	25	R.ALIATPSISATEEALDQSNADLITLLADWFKDLGFNVEVQPVPGTR.N	50
PLOG-11839	proteomics_log	4152739	4152831	-	5	41	R.ALIATPSISATEEALDQSNADLITLLADWFK.D	35
PLOG-11840	proteomics_log	4152832	4152870	-	5	2	T.MKNKLPPFIEIYR.A	17
PLOG-11841	proteomics_log	4152832	4152870	-	5	2	T.M*KNKLPPFIEIYR.A	18
PLOG-11842	proteomics_log	4157416	4157448	-	5	2	R.VAALNGLNRLF.-	15
PLOG-11843	proteomics_log	4157416	4157448	-	5	2	R.VAALNGLNRLF.-	15
PLOG-11844	proteomics_log	4157623	4157658	-	5	2	R.AQIVGMNVGTLK.I	16
PLOG-11845	proteomics_log	4158517	4158573	-	5	10	R.SSFADILNHADNVINQQTR.M	23
PLOG-11846	proteomics_log	4158517	4158582	-	5	12	R.LLRSSFADILNHADNVINQQTR.M	26
PLOG-11847	proteomics_log	4158583	4158627	-	5	4	R.IIEFNQNPLYSDHSR.L	19
PLOG-11848	proteomics_log	4158733	4158810	-	5	2	M.PHSYDYDAIVIGSGPGGEGAAMGLVK.Q	30
PLOG-11849	proteomics_log	4160262	4160300	-	4	2	K.NLETLSQTHKVER.L	17
PLOG-11850	proteomics_log	4160745	4160813	-	4	2	K.IELDQDYIDERLPVAGKEMIYRQ.V	27
PLOG-11851	proteomics_log	4161006	4161080	-	4	2	R.IRVDSFPAASELINQLMTAMIAGVR.N	29
PLOG-11852	proteomics_log	4172111	4172140	-	6	47	K.SANHAVEEVR.L	14
PLOG-11853	proteomics_log	4172633	4172692	-	6	6	R.RVELITTDGFLHPNQVLKER.G	24
PLOG-11854	proteomics_log	4189712	4189774	-	6	3	R.DDM*M*ALLSPAASGYLEQLAQR.A	27
PLOG-11855	proteomics_log	4189891	4189944	-	5	26	R.SYFAHATSPLTGFEASA.-	22
PLOG-11856	proteomics_log	4189891	4189944	-	5	26	R.SYFAHATSPLTGFEASA.-	22
PLOG-11857	proteomics_log	4189966	4189995	-	5	112	R.LAVEAGLLAR.Q	14
PLOG-11858	proteomics_log	4190167	4190244	-	5	4	K.RLEEVGCAAVMPLGAPIGSNQGLETR.A	30
PLOG-11859	proteomics_log	4190317	4190349	-	5	3	R.WLLPDPPIETLK.A	15
PLOG-11860	proteomics_log	4190326	4190349	-	5	3	R.WLLPDPPIE.T	12
PLOG-11861	proteomics_log	4190350	4190400	-	5	12	R.EALGTNWLKLEIHPDAR.W	21
PLOG-11862	proteomics_log	4190401	4190439	-	5	77	K.TAEAAIFAAHLAR.E	17
PLOG-11863	proteomics_log	4190401	4190526	-	5	5	R.VDLRQHNDAILLEPLIAAGVTLNPNTSGAKTAEAAIFAAHLAR.E	46



PLOG-11864	proteomics_log	4190440	4190514	-	5	4	R.QHNDAILIPLIAAGVTLNPNTSGAK.T	29
PLOG-11865	proteomics_log	4190440	4190526	-	5	17	R.VDLRQHNDAILIPLIAAGVTLNPNTSGAK.T	33
PLOG-11866	proteomics_log	4190527	4190565	-	5	42	R.ASGSQLVTLAMKR.V	17
PLOG-11867	proteomics_log	4190530	4190565	-	5	16	R.ASGSQLVTLAMK.R	16
PLOG-11868	proteomics_log	4190566	4190601	-	5	17	K.FASSQLMVEAIR.A	16
PLOG-11869	proteomics_log	4190566	4190649	-	5	24	R.IADKTFDSLFTGTGKFASSQLMVEAIR.A	32
PLOG-11870	proteomics_log	4190602	4190649	-	5	27	R.IADKTFDSLFTGTGK.F	20
PLOG-11871	proteomics_log	4190940	4190978	-	4	20	K.LLSGIETPAGELR.L	17
PLOG-11872	proteomics_log	4190940	4191044	-	4	3	R.TAGVVGPVVGVM*GTLQALEAIKLLSGIETPAGELR.L	40
PLOG-11873	proteomics_log	4190940	4191044	-	4	70	R.TAGVVGPVVGVMGTLQALEAIKLLSGIETPAGELR.L	39
PLOG-11874	proteomics_log	4190979	4191044	-	4	57	R.TAGVVGPVVGVMGTLQALEAIK.L	26
PLOG-11875	proteomics_log	4191246	4191281	-	4	32	R.LTGEALKDAVAR.A	16
PLOG-11876	proteomics_log	4191282	4191329	-	4	63	R.LTQLNPDIQLTALQQR.L	20
PLOG-11877	proteomics_log	4191351	4191389	-	4	3	R.QILFTTEDIDRPK.S	17
PLOG-11878	proteomics_log	4191525	4191554	-	4	2	L.DDIALDGQQK.L	14
PLOG-11879	proteomics_log	4191525	4191566	-	4	24	R.QILLDDIALDGQQK.L	18
PLOG-11880	proteomics_log	4191595	4191639	-	5	101	R.LATAQLLEIAGVGDE.-	19
PLOG-11881	proteomics_log	4191595	4191639	-	5	101	R.LATAQLLEIAGVGDE.-	19
PLOG-11882	proteomics_log	4191640	4191714	-	5	14	R.APAVIATGVGSIIVVSAITQAADWR.L	29
PLOG-11883	proteomics_log	4191640	4191762	-	5	2	R.LADYPTVAIGGISLARAPAVIATGVGSIIVVSAITQAADWR.L	45
PLOG-11884	proteomics_log	4191715	4191762	-	5	129	R.LADYPTVAIGGISLAR.A	20
PLOG-11885	proteomics_log	4191775	4191816	-	5	102	K.QMPSAPQGLEQLAR.H	18
PLOG-11886	proteomics_log	4191916	4192008	-	5	2	R.LAIKHQAYGVHLGQEDLQATDLNAIRAAGLR.L	35
PLOG-11887	proteomics_log	4191931	4191996	-	5	13	K.HQAYGVHLGQEDLQATDLNAIR.A	26
PLOG-11888	proteomics_log	4191931	4192008	-	5	31	R.LAIKHQAYGVHLGQEDLQATDLNAIR.A	30
PLOG-11889	proteomics_log	4192009	4192032	-	5	34	R.LFINDYWR.L	12
PLOG-11890	proteomics_log	4192045	4192110	-	5	3	R.IKDRRDEEVEADVVAIALGRR.Y	26
PLOG-11891	proteomics_log	4192048	4192110	-	5	12	R.IKDRRDEEVEADVVAIALGR.R	25
PLOG-11892	proteomics_log	4192147	4192191	-	5	31	R.SGLYPVVDSVQWIER.L	19
PLOG-11893	proteomics_log	4192147	4192227	-	5	7	V.MYQPDFPPVPFRSGLYPVVDSVQWIER.L	31
PLOG-11894	proteomics_log	4192147	4192227	-	5	7	V.MYQPDFPPVPFRSGLYPVVDSVQWIER.L	31
PLOG-11895	proteomics_log	4192192	4192227	-	5	2	V.MYQPDFPPVPFR.S	16
PLOG-11896	proteomics_log	4192192	4192227	-	5	2	V.MYQPDFPPVPFR.S	16
PLOG-11897	proteomics_log	4192389	4192433	-	4	9	R.AYHDETLPQESGKVA.H	19
PLOG-11898	proteomics_log	4192395	4192433	-	4	8	R.AYHDETLPQESGK.V	17
PLOG-11899	proteomics_log	4192434	4192478	-	4	20	R.WEDQFNLALDPFTAR.A	19
PLOG-11900	proteomics_log	4192497	4192538	-	4	5	K.GHPGAQIRDNAM*SK.A	19
PLOG-11901	proteomics_log	4192497	4192538	-	4	91	K.GHPGAQIRDNAMSK.A	18
PLOG-11902	proteomics_log	4192539	4192568	-	4	16	K.IAAHAADLAK.G	14
PLOG-11903	proteomics_log	4192791	4192859	-	4	2	K.IAWEYDVQVMIEGPGHVPQMIR.R	27
PLOG-11904	proteomics_log	4193106	4193216	-	4	29	K.VNGIAEDLTWEAFRTLLEQAEQGVDFYFTIHAGVLLR.Y	41
PLOG-11905	proteomics_log	4193217	4193267	-	4	4	R.NSPVPIGTVPYIYQALEK.V	21
PLOG-11906	proteomics_log	4193301	4193339	-	4	5	R.WGADTVMDLSTGR.Y	17
PLOG-11907	proteomics_log	4193340	4193417	-	4	19	K.VNANIGNSAVTSSIEEEVEKLVWSTR.W	30
PLOG-11908	proteomics_log	4193340	4193432	-	4	4	R.NFLVKVNANIGNSAVTSSIEEEVEKLVWSTR.W	35
PLOG-11909	proteomics_log	4193433	4193489	-	4	19	R.AIIPANINHPSEPMIIGR.N	23

PLOG-11910	proteomics_log	4193490	4193576	-	4	2	R.HQHPGMSFGAHLPENITAEFVRDEVAAGR.A	33
PLOG-11911	proteomics_log	4193490	4193576	-	4	2	R.HQHPGM*SFGAHLPENITAEFVRDEVAAGR.A	34
PLOG-11912	proteomics_log	4193511	4193576	-	4	4	R.HQHPGM*SFGAHLPENITAEFVR.D	27
PLOG-11913	proteomics_log	4193619	4193660	-	4	10	R.QGIITPEMEFIAIR.E	18
PLOG-11914	proteomics_log	4193661	4193684	-	4	57	R.VTQLHYAR.Q	12
PLOG-11915	proteomics_log	4193661	4193687	-	4	9	R.RVTQLHYAR.Q	13
PLOG-11916	proteomics_log	4193706	4193729	-	4	4	R.FSGVLTPK.R	12
PLOG-11917	proteomics_log	4193706	4193759	-	4	57	R.LADDGLDELRFSGVLTPK.R	22
PLOG-11918	proteomics_log	4193730	4193759	-	4	114	R.LADDGLDEL.R.F	14
PLOG-11919	proteomics_log	4193784	4193810	-	4	10	R.GDTEELTVR.S	13
PLOG-11920	proteomics_log	4193811	4193837	-	4	3	K.LRQPWIDAR.G	13
PLOG-11921	proteomics_log	4193838	4193942	-	4	4	K.EQPQYEENEAIIPVYDTSGPYGDPIAINVQQGLAK.L	39
PLOG-11922	proteomics_log	4193994	4194026	-	4	20	R.IYITGTHPGVR.V	15
PLOG-11923	proteomics_log	4193994	4194029	-	4	7	K.RIYITGTHPGVR.V	16
PLOG-11924	proteomics_log	4194027	4194080	-	4	49	R.AQHFDITLEGTAFPNSKR.I	22
PLOG-11925	proteomics_log	4194027	4194086	-	4	19	R.ARAQHFDITLEGTAFPNSKR.I	24
PLOG-11926	proteomics_log	4194030	4194080	-	4	50	R.AQHFDITLEGTAFPNSK.R	21
PLOG-11927	proteomics_log	4194373	4194420	-	5	67	R.FVLEDKILLVLDAAAR.V	20
PLOG-11928	proteomics_log	4194568	4194606	-	5	2	R.ILHKLENGQLAR.A	17
PLOG-11929	proteomics_log	4196826	4196912	-	4	11	R.LRRSDPVDLYRVDPRGSQKKPVRFEVERVM.T	33
PLOG-11930	proteomics_log	4199243	4199338	-	6	3	A.WATAAAVVAVIWWATGKSERFLVGLPATEIR.V	36
PLOG-11931	proteomics_log	4199243	4199338	-	6	3	A.WATAAAVVAVIWWATGKSERFLVGLPATEIR.V	36
PLOG-11932	proteomics_log	4202806	4202844	-	5	43	K.LADDEQVVTNGGR.V	17
PLOG-11933	proteomics_log	4202845	4202916	-	5	36	R.TGDVIHGLPLEEVAGGKVFHAGTK.L	28
PLOG-11934	proteomics_log	4202866	4202916	-	5	2	R.TGDVIHGLPLEEVAGGK.V	21
PLOG-11935	proteomics_log	4203049	4203084	-	5	3	R.FGDPETQPIM*LR.M	17
PLOG-11936	proteomics_log	4203049	4203084	-	5	135	R.FGDPETQPIMLR.M	16
PLOG-11937	proteomics_log	4203217	4203303	-	5	4	R.VGDKDTGPNTGGM*GAYSPAPVVTDDVHQR.T	34
PLOG-11938	proteomics_log	4203217	4203303	-	5	14	R.VGDKDTGPNTGGMGAYSPAPVVTDDVHQR.T	33
PLOG-11939	proteomics_log	4203304	4203405	-	5	3	R.IVIEEFLDGEEASFIVMVDGEHVLPMATSQDHKR.V	38
PLOG-11940	proteomics_log	4203406	4203495	-	5	50	K.GVIVAMTLEEAEAAVHDMLAGNAFGDAGHR.I	34
PLOG-11941	proteomics_log	4203406	4203504	-	5	5	A.AGKGVIVAMTLEEAEAAVHDMLAGNAFGDAGHR.I	37
PLOG-11942	proteomics_log	4203406	4203519	-	5	10	K.ADGLAAGKGVIVAMTLEEAEAAVHDMLAGNAFGDAGHR.I	42
PLOG-11943	proteomics_log	4203406	4203540	-	5	3	K.GAPIVIKADGLAAGKGVIVAMTLEEAEAAVHDMLAGNAFGDAGHR.I	49
PLOG-11944	proteomics_log	4203541	4203612	-	5	17	R.HKIPTAEYQNFTEVEPALAYLR.E	28
PLOG-11945	proteomics_log	4203547	4203612	-	5	53	R.HKIPTAEYQNFTEVEPALAYLR.E	26
PLOG-11946	proteomics_log	4203613	4203639	-	5	28	K.AFTKDFLAR.H	13
PLOG-11947	proteomics_log	4203613	4203684	-	5	3	K.IFGPTAGAAQLEGSKAFTKDFLAR.H	28
PLOG-11948	proteomics_log	4203613	4203699	-	5	59	R.AAGLKIFGPTAGAAQLEGSKAFTKDFLAR.H	33
PLOG-11949	proteomics_log	4203640	4203684	-	5	51	K.IFGPTAGAAQLEGSK.A	19
PLOG-11950	proteomics_log	4203640	4203699	-	5	8	R.AAGLKIFGPTAGAAQLEGSK.A	24
PLOG-11951	proteomics_log	4203721	4203762	-	5	21	K.IDLTVIGPEAPLVK.G	18
PLOG-11952	proteomics_log	4203763	4203900	-	5	10	K.AAQSPLVETVVFAPGNAGTALEPALQNVIGVTDIPALLDFAQNEK.I	50
PLOG-11953	proteomics_log	4203922	4203954	-	5	2	-.MKVLVINGGGR.E	15
PLOG-11954	proteomics_log	4203922	4203954	-	5	2	-.M*KVLVINGGGR.E	16
PLOG-11955	proteomics_log	4204149	4204175	-	4	16	K.AADEGLEVK.G	13

PLOG-11956	proteomics_log	4204149	4204190	-	4	139	K.IAGIKAADEGLEVK.G	18
PLOG-11957	proteomics_log	4204206	4204247	-	4	2	K.NNM*TIGIGAGQMSR.V	19
PLOG-11958	proteomics_log	4204206	4204247	-	4	2	K.NNM*TIGIGAGQM*SR.V	20
PLOG-11959	proteomics_log	4204206	4204247	-	4	124	K.NNMTIGIGAGQMSR.V	18
PLOG-11960	proteomics_log	4204248	4204271	-	4	5	K.SNAIVYAK.N	12
PLOG-11961	proteomics_log	4204248	4204280	-	4	60	K.FVKSNAIVYAK.N	15
PLOG-11962	proteomics_log	4204311	4204337	-	4	5	K.RQPSEQELR.D	13
PLOG-11963	proteomics_log	4204311	4204349	-	4	3	R.VVTKRQPSEQELR.D	17
PLOG-11964	proteomics_log	4204338	4204412	-	4	2	R.VNGLLVQDRDLGMVGAEEELRVVTK.R	29
PLOG-11965	proteomics_log	4204350	4204382	-	4	6	R.DLGM*VGAEELR.V	16
PLOG-11966	proteomics_log	4204350	4204382	-	4	25	R.DLGMVGAEEELR.V	15
PLOG-11967	proteomics_log	4204350	4204412	-	4	7	R.VNGLLVQDRDLGMVGAEEELR.V	25
PLOG-11968	proteomics_log	4204383	4204412	-	4	8	R.VNGLLVQDR.D	14
PLOG-11969	proteomics_log	4204383	4204415	-	4	4	K.RVNGLLVQDR.D	15
PLOG-11970	proteomics_log	4204467	4204493	-	4	16	K.ITAAKQNV.R	13
PLOG-11971	proteomics_log	4204467	4204544	-	4	112	R.QFVEVIIAPSASEEALKITAAKQNV.R	30
PLOG-11972	proteomics_log	4204479	4204544	-	4	40	R.QFVEVIIAPSASEEALKITAAK.Q	26
PLOG-11973	proteomics_log	4204494	4204544	-	4	2	R.QFVEVIIAPSASEEALK.I	21
PLOG-11974	proteomics_log	4204545	4204583	-	4	78	R.ELDAETAQAIISR.Q	17
PLOG-11975	proteomics_log	4204545	4204628	-	4	10	K.TDPTSAFGGIIAFNREDAETAQAIISR.Q	32
PLOG-11976	proteomics_log	4204545	4204637	-	4	196	R.AYKTDPTSAFGGIIAFNREDAETAQAIISR.Q	35
PLOG-11977	proteomics_log	4204584	4204628	-	4	5	K.TDPTSAFGGIIAFNR.E	19
PLOG-11978	proteomics_log	4204584	4204637	-	4	69	R.AYKTDPTSAFGGIIAFNR.E	22
PLOG-11979	proteomics_log	4204695	4204781	-	4	6	K.ALSYNNIADTDAALECVKEFAEPACVIVK.H	33
PLOG-11980	proteomics_log	4204782	4204820	-	4	13	K.EASVATATQVQGK.A	17
PLOG-11981	proteomics_log	4204782	4204874	-	4	67	R.YGENSHQQAIFYIEENVKEASVATATQVQGK.A	35
PLOG-11982	proteomics_log	4204875	4204913	-	4	4	R.TLNLNFIKKLDMR.Y	17
PLOG-11983	proteomics_log	4204887	4204913	-	4	50	R.TLNLNFIKK.L	13
PLOG-11984	proteomics_log	4204890	4204913	-	4	18	R.TLNLNFIK.K	12
PLOG-11985	proteomics_log	4204938	4205021	-	4	36	K.AFEHTAAYDSMIANYFGSMVPAYHGESK.E	32
PLOG-11986	proteomics_log	4204938	4205039	-	4	2	R.FDLAIKAFEHTAAYDSMIANYFGSMVPAYHGESK.E	38
PLOG-11987	proteomics_log	4205040	4205108	-	4	2	K.SSDYDAIIEKEMDDNEGLTLATR.F	27
PLOG-11988	proteomics_log	4205109	4205138	-	4	4	K.NHKDVIVVK.S	14
PLOG-11989	proteomics_log	4205109	4205150	-	4	207	R.SAAKNHKDVIVVK.S	18
PLOG-11990	proteomics_log	4205151	4205213	-	4	4	R.EGCSLEDAVENIDIGGPTMVR.S	25
PLOG-11991	proteomics_log	4205214	4205306	-	4	2	R.GQDDAIM*EEHQIQPIDM*VVVNLYPFAQTVAR.E	37
PLOG-11992	proteomics_log	4205214	4205306	-	4	2	R.GQDDAIM*EEHQIQPIDM*VVVNLYPFAQTVAR.E	36
PLOG-11993	proteomics_log	4205214	4205306	-	4	62	R.GQDDAIM*EEHQIQPIDM*VVVNLYPFAQTVAR.E	35
PLOG-11994	proteomics_log	4205214	4205309	-	4	3	R.RGQDDAIM*EEHQIQPIDM*VVVNLYPFAQTVAR.E	38
PLOG-11995	proteomics_log	4205214	4205309	-	4	13	R.RGQDDAIM*EEHQIQPIDM*VVVNLYPFAQTVAR.E	37
PLOG-11996	proteomics_log	4205214	4205309	-	4	249	R.RGQDDAIM*EEHQIQPIDM*VVVNLYPFAQTVAR.E	36
PLOG-11997	proteomics_log	4205310	4205333	-	4	9	K.VHGGILGR.R	12
PLOG-11998	proteomics_log	4205310	4205348	-	4	9	K.TLHPKVHGGILGR.R	17
PLOG-11999	proteomics_log	4205325	4205414	-	4	51	K.GLPVTEVSDYTGFPPEMMDGRVKTLHPKVHG.G	34
PLOG-12000	proteomics_log	4205349	4205414	-	4	2	K.GLPVTEVSDYTGFPPEMMDGRVK.T	26
PLOG-12001	proteomics_log	4205349	4205429	-	4	7	R.LLAEKGLPVTEVSDYTGFPPEMMDGRVK.T	31

PLOG-12002	proteomics_log	4205355	4205402	-	4	2	V.TEVS DYTGFPEMMDGR.V	20
PLOG-12003	proteomics_log	4205355	4205414	-	4	8	K.GLPVTEVS DYTGFPEM*M*DGR.V	26
PLOG-12004	proteomics_log	4205355	4205414	-	4	182	K.GLPVTEVS DYTGFPEMMDGR.V	24
PLOG-12005	proteomics_log	4205355	4205429	-	4	46	R.LLAEKGLPVTEVS DYTGFPEMMDGR.V	29
PLOG-12006	proteomics_log	4205355	4205447	-	4	4	S.TGGTARLLAEKGLPVTEVS DYTGFPEMMDGR.V	35
PLOG-12007	proteomics_log	4205430	4205465	-	4	237	R.GVELLSTGGTAR.L	16
PLOG-12008	proteomics_log	4205430	4205528	-	4	38	R.ALLSVSDKAGIVEFAQALSARGVELLSTGGTAR.L	37
PLOG-12009	proteomics_log	4205466	4205504	-	4	99	K.AGIVEFAQALSAR.G	17
PLOG-12010	proteomics_log	4205466	4205528	-	4	354	R.ALLSVSDKAGIVEFAQALSAR.G	25
PLOG-12011	proteomics_log	4205466	4205531	-	4	2	R.RALLSVSDKAGIVEFAQALSAR.G	26
PLOG-12012	proteomics_log	4205466	4205552	-	4	12	M.QRRPVRRALLSVSDKAGIVEFAQALSAR.G	33
PLOG-12013	proteomics_log	4205475	4205504	-	4	2	K.AGIVEFAQAL.S	14
PLOG-12014	proteomics_log	4223371	4223421	-	5	7	M.FGSKMISSGGKPTSSVR.I	21
PLOG-12015	proteomics_log	4227566	4227643	-	6	2	R.IRELLVVAPELTIIGLPEGNWITV/SK.G	30
PLOG-12016	proteomics_log	4227653	4227772	-	6	2	R.TTNDMPIVDPQGF DALNFLPLQINPHFTNALPEGHKGETR.E	44
PLOG-12017	proteomics_log	4227830	4227865	-	6	4	R.GLLAPITDVVKR.G	16
PLOG-12018	proteomics_log	4228073	4228165	-	6	16	V.MELLLLNSSTLPGKAWLEHALPLIAEQLQGR.R	35
PLOG-12019	proteomics_log	4230009	4230044	-	4	2	K.EVFGVLEPFNIR.M	16
PLOG-12020	proteomics_log	4230063	4230119	-	4	27	R.VEVEEGLALVALIGNDLSK.A	23
PLOG-12021	proteomics_log	4230255	4230290	-	4	28	R.GFLAEVFGILAR.H	16
PLOG-12022	proteomics_log	4230381	4230494	-	4	2	F.GAKVLHPATLLPAVRSDIPVFGSSKDP RAGGTLVCNK.T	42
PLOG-12023	proteomics_log	4230450	4230485	-	4	21	K.VLHPATLLPAVR.S	16
PLOG-12024	proteomics_log	4230450	4230539	-	4	2	R.IDEIAFAEAAEMATFGAKVLHPATLLPAVR.S	34
PLOG-12025	proteomics_log	4230486	4230539	-	4	5	R.IDEIAFAEAAEM*ATFGAK.V	23
PLOG-12026	proteomics_log	4230486	4230539	-	4	43	R.IDEIAFAEAAEMATFGAK.V	22
PLOG-12027	proteomics_log	4230486	4230542	-	4	17	K.RIDEIAFAEAAEMATFGAK.V	23
PLOG-12028	proteomics_log	4230486	4230560	-	4	18	R.VVSAKRIDEIAFAEAAEMATFGAK.V	29
PLOG-12029	proteomics_log	4230561	4230608	-	4	20	R.VDIWTDVPGIYTTDPR.V	20
PLOG-12030	proteomics_log	4230561	4230662	-	4	10	R.GGSDYTAALLAEALHASRVDIWT DVPGIYTTDPR.V	38
PLOG-12031	proteomics_log	4230609	4230662	-	4	23	R.GGSDYTAALLAEALHASR.V	22
PLOG-12032	proteomics_log	4230609	4230680	-	4	16	R.TTTLGRGGSDYTAALLAEALHASR.V	28
PLOG-12033	proteomics_log	4230624	4230686	-	4	4	K.GRTTTLGRGGSDYTAALLAEA.L	25
PLOG-12034	proteomics_log	4230681	4230737	-	4	13	R.LNEGLVITQGFIGSENKGR.T	23
PLOG-12035	proteomics_log	4230681	4230794	-	4	9	R.AEPDIAALAEALQLLPRLNEGLVITQGFIGSENKGR.T	42
PLOG-12036	proteomics_log	4230681	4230815	-	4	3	R.TNDRFGRAEPDIAALAEALQLLPRLNEGLVITQGFIGSENKGR.T	49
PLOG-12037	proteomics_log	4230687	4230737	-	4	4	R.LNEGLVITQGFIGSENK.G	21
PLOG-12038	proteomics_log	4230738	4230794	-	4	17	R.AEPDIAALAEALQLLPR.L	23
PLOG-12039	proteomics_log	4230738	4230815	-	4	30	R.TNDRFGRAEPDIAALAEALQLLPR.L	30
PLOG-12040	proteomics_log	4230987	4231004	-	4	2	K.REEIER.G	10
PLOG-12041	proteomics_log	4230987	4231004	-	4	2	K.REEIER.G	10
PLOG-12042	proteomics_log	4230987	4231004	-	4	2	K.REEIER.G	10
PLOG-12043	proteomics_log	4231053	4231154	-	4	18	R.LVVLSASAGITNLLVALAEGLEPGERFEKLD AIR.N	38
PLOG-12044	proteomics_log	4231068	4231154	-	4	7	R.LVVLSASAGITNLLVALAEGLEPGERFEK.L	33
PLOG-12045	proteomics_log	4231077	4231154	-	4	12	R.LVVLSASAGITNLLVALAEGLEPGER.F	30
PLOG-12046	proteomics_log	4231155	4231190	-	4	11	R.SADIVLSDANVR.L	16
PLOG-12047	proteomics_log	4231191	4231232	-	4	2	K.FGGTSVADFDAM*NR.S	19

PLOG-12048	proteomics_log	4231191	4231232	-	4	46	K.FGGTSVADFDAMNR.S	18
PLOG-12049	proteomics_log	4231233	4231253	-	4	2	M.SEIVVSK.F	11
PLOG-12050	proteomics_log	4239183	4239263	-	4	32	K.FGRKPLQIIGALGM*AIGM*FSLGTAFYT.Q	33
PLOG-12051	proteomics_log	4243264	4243302	-	5	29	R.QTVDEALKDAQTR.I	17
PLOG-12052	proteomics_log	4243264	4243332	-	5	33	R.TAVINAASGRQTVDEALKDAQTR.I	27
PLOG-12053	proteomics_log	4243303	4243332	-	5	49	R.TAVINAASGR.Q	14
PLOG-12054	proteomics_log	4243333	4243386	-	5	31	K.GEIMPNIPQMSAFWYAVR.T	22
PLOG-12055	proteomics_log	4243333	4243416	-	5	76	R.IAATMENAQKGEIMPNIPQMSAFWYAVR.T	32
PLOG-12056	proteomics_log	4243387	4243416	-	5	3	R.IAATM*ENAQK.G	15
PLOG-12057	proteomics_log	4243387	4243416	-	5	11	R.IAATMENAQK.G	14
PLOG-12058	proteomics_log	4243534	4243611	-	5	2	K.GQPSKPFVGVLSAGINAASPNKELAK.E	30
PLOG-12059	proteomics_log	4243759	4243797	-	5	14	K.AGLTFLVDLIK.NK.H	17
PLOG-12060	proteomics_log	4243759	4243821	-	5	2	V.GVDNAGAKAGLTLFLVDLIK.NK.H	25
PLOG-12061	proteomics_log	4243765	4243797	-	5	32	K.AGLTFLVDLIK.N	15
PLOG-12062	proteomics_log	4243855	4243932	-	5	15	K.SALMFNLQEPYFTWPLIAADGGYAFK.Y	30
PLOG-12063	proteomics_log	4244008	4244058	-	5	15	K.LIAYPIAVEALSLIYNK.D	21
PLOG-12064	proteomics_log	4244071	4244166	-	5	18	R.FGGYAQSGLLAEITPDKAFQDKLYPFTWDAVR.Y	36
PLOG-12065	proteomics_log	4252315	4252362	-	5	3	R.YAITFWLLSANPSINR.G	20
PLOG-12066	proteomics_log	4252597	4252659	-	5	5	R.NNIAHMLVLPSLMAAIVTQHR.H	25
PLOG-12067	proteomics_log	4252945	4253028	-	5	3	R.ESIDPIEAVRPAWLTPTVNNIAADLMVR.I	32
PLOG-12068	proteomics_log	4253179	4253256	-	5	10	R.GGTRPITLPIYIGYEHVMEVGTYAK.E	30
PLOG-12069	proteomics_log	4253695	4253760	-	5	2	K.AQQNAIALMEEIAANFSYEMIR.L	26
PLOG-12070	proteomics_log	4253914	4253964	-	5	3	R.MADEHGTDKTIQKLAR.V	21
PLOG-12071	proteomics_log	4254427	4254459	-	5	2	K.LLNLPLSILVK.S	15
PLOG-12072	proteomics_log	4255708	4255752	-	5	2	R.DMLQPVAVANNPNRQ.P	19
PLOG-12073	proteomics_log	4257871	4257927	-	5	4	R.LMSLQDGAISAYDLLDLLR.E	23
PLOG-12074	proteomics_log	4261304	4261327	-	6	3	R.AHEILES.R.A	12
PLOG-12075	proteomics_log	4261376	4261435	-	6	8	R.EELTEASNELFSLIASGVIK.V	24
PLOG-12076	proteomics_log	4261436	4261486	-	6	3	K.GSLYVTRPSLQGYITTR.E	21
PLOG-12077	proteomics_log	4261856	4261939	-	6	9	K.AAILPAISFEQAAASFLKGLTVYYLLR.K	32
PLOG-12078	proteomics_log	4261883	4261939	-	6	11	K.AAILPAISFEQAAASFLK.G	23
PLOG-12079	proteomics_log	4262042	4262110	-	6	5	R.SGLYPPPSLPSGLGTEAAGIVSK.V	27
PLOG-12080	proteomics_log	4262111	4262146	-	6	24	K.AIGINFIDTYIR.S	16
PLOG-12081	proteomics_log	4262147	4262227	-	6	3	K.HGGPEVLQAVEFTPADPAENEIQVENK.A	31
PLOG-12082	proteomics_log	4262147	4262251	-	6	2	M.ATRIEFHKHGGPEVLQAVEFTPADPAENEIQVENK.A	39
PLOG-12083	proteomics_log	4268456	4268515	-	6	2	I.VCSLIVMLIISVVGNGAEEK.T	24
PLOG-12084	proteomics_log	4269471	4269545	-	4	13	K.TIHEVLDMTIEEAREFFDAVPALAR.K	29
PLOG-12085	proteomics_log	4269723	4269809	-	4	2	R.TPRSNPATYTGVTVPVRELFAGVPESRAR.G	33
PLOG-12086	proteomics_log	4269729	4269800	-	4	2	R.SNPATYTGVTVPVRELFAGVPESR.A	28
PLOG-12087	proteomics_log	4269915	4269956	-	4	3	K.STLINDTLFPIAQR.Q	18
PLOG-12088	proteomics_log	4271631	4271708	-	4	2	R.QFLSLMEKPDVDHIEGLSPAISIEQK.S	30
PLOG-12089	proteomics_log	4271826	4271864	-	4	2	R.THNLKNINLVIPR.D	17
PLOG-12090	proteomics_log	4272538	4272600	-	5	2	R.AAAELIATLRLRLTPTALRL.T	25
PLOG-12091	proteomics_log	4273851	4273871	-	4	3	R.FTLIIGR.C	11
PLOG-12092	proteomics_log	4281279	4281317	-	4	2	R.SQTGFGVEQGRAH.-	17
PLOG-12093	proteomics_log	4281285	4281317	-	4	9	R.SQTGFGVEQGR.A	15

PLOG-12094	proteomics_log	4283439	4283543	-	4	7	K.IAAGDTSNLGDTSTLADPGVVEKLLEEKQAIAMPS.-	39
PLOG-12095	proteomics_log	4283460	4283546	-	4	6	R.KIAAGDTSNLGDTSTLADPGVVEKLLEEK.Q	33
PLOG-12096	proteomics_log	4283475	4283513	-	4	2	G.DTSTLADPGVVEK.L	17
PLOG-12097	proteomics_log	4283475	4283537	-	4	3	A.AGDTSNLGDTSTLADPGVVEK.L	25
PLOG-12098	proteomics_log	4283475	4283543	-	4	7	K.IAAGDTSNLGDTSTLADPGVVEK.L	27
PLOG-12099	proteomics_log	4283475	4283546	-	4	11	R.KIAAGDTSNLGDTSTLADPGVVEK.L	28
PLOG-12100	proteomics_log	4283502	4283543	-	4	2	K.IAAGDTSNLGDTST.L	18
PLOG-12101	proteomics_log	4283577	4283642	-	4	10	R.KEIGPLATPDVLHWTDSLPKTR.S	26
PLOG-12102	proteomics_log	4283577	4283654	-	4	2	R.NWVRKEIGPLATPDVLHWTDSLPKTR.S	30
PLOG-12103	proteomics_log	4283583	4283639	-	4	2	K.EIGPLATPDVLHWTDSLPK.T	23
PLOG-12104	proteomics_log	4283583	4283642	-	4	32	R.KEIGPLATPDVLHWTDSLPK.T	24
PLOG-12105	proteomics_log	4283655	4283771	-	4	2	K.IAEAAVVGIPHNIKQAIYAVTLNHGEEPSPELYAEVR.N	43
PLOG-12106	proteomics_log	4283715	4283771	-	4	2	K.IAEAAVVGIPHNIKQAIY.A	23
PLOG-12107	proteomics_log	4283730	4283771	-	4	5	K.IAEAAVVGIPHNIK.G	18
PLOG-12108	proteomics_log	4283772	4283816	-	4	45	R.LGTAEIESALVAHPK.I	19
PLOG-12109	proteomics_log	4283772	4283849	-	4	2	R.VDDVLNVSGHRLGTAEIESALVAHPK.I	30
PLOG-12110	proteomics_log	4283817	4283849	-	4	22	R.VDDVLNVSGHR.L	15
PLOG-12111	proteomics_log	4283850	4283885	-	4	7	R.RDEDGYWITGR.V	16
PLOG-12112	proteomics_log	4283916	4283945	-	4	8	R.FEQTYFSTFK.N	14
PLOG-12113	proteomics_log	4284195	4284251	-	4	32	R.ILGSVGEPINPEAWEWYWK.K	23
PLOG-12114	proteomics_log	4284264	4284308	-	4	2	R.ALM*AEGDKAIEGTDR.S	20
PLOG-12115	proteomics_log	4284264	4284308	-	4	13	R.ALMAEGDKAIEGTDR.S	19
PLOG-12116	proteomics_log	4284309	4284371	-	4	3	R.MAQVVDKHKQVNILYTAPTAR.A	25
PLOG-12117	proteomics_log	4284729	4284794	-	4	26	K.NVDDALKNPNVTSVEHVVLKR.T	26
PLOG-12118	proteomics_log	4284729	4284812	-	4	10	R.SIPLKKNVDDALKNPNVTSVEHVVLKR.T	32
PLOG-12119	proteomics_log	4284813	4284851	-	4	2	R.LVITSDEGVRAGR.S	17
PLOG-12120	proteomics_log	4284822	4284851	-	4	3	R.LVITSDEGVR.A	14
PLOG-12121	proteomics_log	4284852	4284872	-	4	3	R.IIDSNSR.L	11
PLOG-12122	proteomics_log	4284873	4284932	-	4	94	R.IGAVHSVIFGGFSPEAVAGR.I	24
PLOG-12123	proteomics_log	4284888	4284932	-	4	4	R.IGAVHSVIFGGFSPE.A	19
PLOG-12124	proteomics_log	4285005	4285037	-	4	6	R.FANTLLELGIK.K	15
PLOG-12125	proteomics_log	4285119	4285142	-	4	4	R.HLQENGDR.T	12
PLOG-12126	proteomics_log	4285347	4285391	-	4	30	M.SQIHKHTIPANIADR.C	19
PLOG-12127	proteomics_log	4294969	4295037	-	5	3	A.QYFLADSWFSSGDLSKAEYWAQK.A	27
PLOG-12128	proteomics_log	4301218	4301304	-	5	2	T.FEGKVDSIGYGVLPDDGGLVLGGLPKVSR.S	33
PLOG-12129	proteomics_log	4302857	4302913	-	6	28	K.NISLNFNMSNGDNLNLTN.D	23
PLOG-12130	proteomics_log	4306704	4306829	-	4	2	K.FHILVVFIIISGVCAGLAGVVSTARLGAAEPLAGMGFETYAIA.S	46
PLOG-12131	proteomics_log	4307591	4307668	-	6	2	K.AEYKVM*RQLADDGKVILM*VSELPE.I	32
PLOG-12132	proteomics_log	4309298	4309336	-	6	3	K.VLVVGTGDIPEAR.K	17
PLOG-12133	proteomics_log	4309760	4309813	-	6	2	K.GIAFAPLSSVNLVMPVAR.A	22
PLOG-12134	proteomics_log	4323339	4323383	-	4	3	K.VTDKFGVPMINVVK.Q	19
PLOG-12135	proteomics_log	4324476	4324508	-	4	3	R.LVEGDHNIDCK.I	15
PLOG-12136	proteomics_log	4329960	4329998	-	4	4	A.PGGYVSPANRQR.G	17
PLOG-12137	proteomics_log	4336840	4336938	-	5	2	K.SASLLREWVKMVNWKKPVFRRRWSLPGLVATAL.Y	37
PLOG-12138	proteomics_log	4337897	4337947	-	6	8	S.LLDHTGAFGESEKYAAR.V	21
PLOG-12139	proteomics_log	4344204	4344269	-	4	26	R.VDLNRPMEILAQLSQYPVSTR.L	26

PLOG-12140	proteomics_log	4344204	4344269	-	4	26	R.VDLNRPMEILAQLSQYPVSTR.L	26
PLOG-12141	proteomics_log	4344750	4344794	-	4	102	K.GGGSANKTYLYQETK.A	19
PLOG-12142	proteomics_log	4344750	4344794	-	4	102	K.GGGSANKTYLYQETK.A	19
PLOG-12143	proteomics_log	4344915	4344950	-	4	45	R.GVYNTYIEDNLR.Y	16
PLOG-12144	proteomics_log	4344915	4344950	-	4	45	R.GVYNTYIEDNLR.Y	16
PLOG-12145	proteomics_log	4346519	4346593	-	6	8	V.VAASATLQASGGLDVMLQIAEKLLR.R	29
PLOG-12146	proteomics_log	4351424	4351477	-	6	3	R.EIGNGFSELNDAEDQAER.F	22
PLOG-12147	proteomics_log	4351478	4351534	-	6	29	R.RNDVNPEITDRFEFFIGGR.E	23
PLOG-12148	proteomics_log	4351478	4351534	-	6	29	R.RNDVNPEITDRFEFFIGGR.E	23
PLOG-12149	proteomics_log	4351844	4351930	-	6	3	R.HNPEFTMMELYMAYADYHDLIELTESLFR.T	33
PLOG-12150	proteomics_log	4351979	4352005	-	6	11	K.RLVVGGFER.V	13
PLOG-12151	proteomics_log	4351979	4352005	-	6	11	K.RLVVGGFER.V	13
PLOG-12152	proteomics_log	4352003	4352029	-	6	6	R.IAPELYLKR.L	13
PLOG-12153	proteomics_log	4352003	4352029	-	6	6	R.IAPELYLKR.L	13
PLOG-12154	proteomics_log	4352030	4352077	-	6	5	R.PFITHHNALDLDMYLR.I	20
PLOG-12155	proteomics_log	4352030	4352077	-	6	5	R.PFITHHNALDLDMYLR.I	20
PLOG-12156	proteomics_log	4352459	4352494	-	6	91	K.ASFVTLQDVGGR.I	16
PLOG-12157	proteomics_log	4352459	4352494	-	6	91	K.ASFVTLQDVGGR.I	16
PLOG-12158	proteomics_log	4355375	4355434	-	6	2	H.YGIVASTETAAM*M*KGNAGK.R	26
PLOG-12159	proteomics_log	4360813	4360842	-	5	25	R.SQADVDTAHR.L	14
PLOG-12160	proteomics_log	4360894	4360965	-	5	4	K.SAAYDFTHELLTTLEVDDPAMVAK.Q	28
PLOG-12161	proteomics_log	4361212	4361295	-	5	2	K.LLELQGIANTTLEMVAERVDYPLDELRR.F	32
PLOG-12162	proteomics_log	4363597	4363716	-	5	2	A.LNVSPLTAVASFAAVSGLFILPTYPTLVAAVQM*DDTGTR.I	45
PLOG-12163	proteomics_log	4364938	4365015	-	5	8	R.GLLTEAELDDIFSVQNLMPAYKAKR.Y	30
PLOG-12164	proteomics_log	4364941	4365015	-	5	4	R.GLLTEAELDDIFSVQNLMPAYKAK.R	29
PLOG-12165	proteomics_log	4364947	4365015	-	5	2	R.GLLTEAELDDIFSVQNLMPAYK.A	28
PLOG-12166	proteomics_log	4364947	4365015	-	5	22	R.GLLTEAELDDIFSVQNLMPAYK.A	27
PLOG-12167	proteomics_log	4366141	4366185	-	5	3	K.KAAAM*ANKELQTIPK.S	20
PLOG-12168	proteomics_log	4366204	4366263	-	5	27	R.AIENFYISNNKISDIPEFVR.G	24
PLOG-12169	proteomics_log	4366264	4366305	-	5	12	R.EVPADAYYGVHTLR.A	18
PLOG-12170	proteomics_log	4366306	4366347	-	5	11	M.SNNIRIEEDLLGTR.E	18
PLOG-12171	proteomics_log	4377809	4377889	-	6	6	K.HVDPAAAIQQGVESKDFLIATLKPR.-	31
PLOG-12172	proteomics_log	4378115	4378162	-	6	2	R.TADQGTNIQTPAQM*AK.Y	21
PLOG-12173	proteomics_log	4378115	4378162	-	6	8	R.TADQGTNIQTPAQMAK.Y	20
PLOG-12174	proteomics_log	4378163	4378237	-	6	89	R.DLVVDMTHFIESLEAIKPYIIGNSR.T	29
PLOG-12175	proteomics_log	4378376	4378501	-	6	2	R.YNPEVDTAPHSAFYVPHYDATTSLLDALGYIKDNLAPDLSYR.W	46
PLOG-12176	proteomics_log	4378536	4378604	-	4	2	R.VYGGEDAADKAEAANKKEKANG.-	27
PLOG-12177	proteomics_log	4378536	4378604	-	4	2	R.VYGGEDAADKAEAANKKEKANG.-	27
PLOG-12178	proteomics_log	4378545	4378604	-	4	2	R.VYGGEDAADKAEAANKKEK.A	24
PLOG-12179	proteomics_log	4378884	4378916	-	4	10	K.TIDKLAELQER.F	15
PLOG-12180	proteomics_log	4379100	4379126	-	4	6	R.LAGEQATER.A	13
PLOG-12181	proteomics_log	4379127	4379168	-	4	3	R.LGSNSLAELVVFGR.L	18
PLOG-12182	proteomics_log	4379949	4380047	-	4	6	E.LWGPCWSRRPDGSVNVRRFGGM*KIERTWFAADK.T	38
PLOG-12183	proteomics_log	4379997	4380023	-	4	3	R.RPDGSVNV.R	13
PLOG-12184	proteomics_log	4380246	4380284	-	4	36	R.AAIAAAQANPNAK.I	17
PLOG-12185	proteomics_log	4387405	4387452	-	5	33	T.PAHLWLTTKTRSNPSK.E	20

PLOG-12186	proteomics_log	4387418	4387549	-	6	2	K.IGQPLAVSTETFTVTPDAEPAPLPAEEIEAEHDASPLVDDKKDQV.-	48
PLOG-12187	proteomics_log	4387550	4387591	-	6	7	K.VNLVEQLESLSVTK.I	18
PLOG-12188	proteomics_log	4387841	4387918	-	6	4	R.EMIYVPGDLFSVNHLTAQNPVNLFR.N	30
PLOG-12189	proteomics_log	4387997	4388059	-	6	5	K.GHNYSLEALLAGNYLMADLFR.N	25
PLOG-12190	proteomics_log	4388771	4388872	-	6	6	K.SSLLNALLGLQKEILTNDISDNSGLGQHTTTAAR.L	38
PLOG-12191	proteomics_log	4388837	4388872	-	6	2	K.SSLLNALLGLQK.E	16
PLOG-12192	proteomics_log	4388909	4388974	-	6	2	R.VLMVSSHTQDGLKPLEEALTGR.I	26
PLOG-12193	proteomics_log	4389224	4389250	-	6	3	K.GIVEAVHER.T	13
PLOG-12194	proteomics_log	4389344	4389391	-	6	2	R.FGM*HADVESADGDVHR.C	21
PLOG-12195	proteomics_log	4389344	4389391	-	6	4	R.FGMHADVESADGDVHR.C	20
PLOG-12196	proteomics_log	4394397	4394453	-	4	4	K.DDSVIAAILPLHRFGFTVF.G	23
PLOG-12197	proteomics_log	4394946	4394969	-	4	4	H.FTVGATVR.E	12
PLOG-12198	proteomics_log	4408788	4408871	-	4	2	R.RAISSATSLINDGLTFLNASSARASRL.A	32
PLOG-12199	proteomics_log	4415295	4415393	-	4	2	P.DPIMLAVHLTVGWRAVIPSAPIAPPTARR.S	37
PLOG-12200	proteomics_log	4420683	4420790	-	4	2	T.DTTARDKDVNRNTLEQRQIFQRQASGDGDFEAHIGK.T	40
PLOG-12201	proteomics_log	4428528	4428575	-	4	2	T.SSIPTKAKTAIWNPAK.K	20
PLOG-12202	proteomics_log	4431190	4431252	-	5	2	K.LIGHPTTTLAESVSHLFVNN.-	25
PLOG-12203	proteomics_log	4431415	4431507	-	5	8	R.VISEAGHEGKVYELAGDSAWTLTQLAAELTK.Q	35
PLOG-12204	proteomics_log	4431478	4431507	-	5	3	R.VISEAGHEGK.V	14
PLOG-12205	proteomics_log	4431508	4431534	-	5	3	R.ADYAAAAAR.V	13
PLOG-12206	proteomics_log	4431808	4431843	-	5	4	K.LLLISSEVQGQR.A	16
PLOG-12207	proteomics_log	4431985	4432047	-	5	5	P.MIAITGATGQLGHYVIESLMK.T	25
PLOG-12208	proteomics_log	4432648	4432698	-	5	14	K.VATDDIGFATYQVDLSK.-	21
PLOG-12209	proteomics_log	4432846	4432884	-	5	2	R.SVLAAWIADESKR.A	17
PLOG-12210	proteomics_log	4432954	4433028	-	5	13	R.IKNLTFNGKPIDPNAMFLVATNNYR.A	29
PLOG-12211	proteomics_log	4433245	4433292	-	5	6	R.NAADLYLPNTLIVVK.A	20
PLOG-12212	proteomics_log	4433437	4433514	-	5	3	K.SADNM*YSYLALVQDDPTVQVVNNAQK.A	31
PLOG-12213	proteomics_log	4433542	4433580	-	5	2	K.LVETLKADHDATR.Q	17
PLOG-12214	proteomics_log	4434151	4434186	-	5	13	K.FPYVNAVVIDAR.T	16
PLOG-12215	proteomics_log	4434187	4434282	-	5	36	K.ALNTLDYTVGTLGNHEFNGLDYLNALAGAK.F	36
PLOG-12216	proteomics_log	4434283	4434318	-	5	2	K.GLKAGDIHPVYK.A	16
PLOG-12217	proteomics_log	4434319	4434387	-	5	2	K.NSVLVDNGDLIQGSPLADYM*SAK.G	28
PLOG-12218	proteomics_log	4436842	4436919	-	5	2	K.LYPWSQFIVDSNGVALGAWQLDEESS.A	30
PLOG-12219	proteomics_log	4438657	4438689	-	5	3	V.VEAGALAGVLR.K	15
PLOG-12220	proteomics_log	4439747	4439791	-	6	14	R.SAIYPLTPEQDAAAR.A	19
PLOG-12221	proteomics_log	4439822	4439905	-	6	2	R.IVYDPSVISYEQLLQVFWENHDPAQGM.R.Q	32
PLOG-12222	proteomics_log	4439948	4440025	-	6	3	R.LFWQLPGVYSTAAGYTGGYTPNPTYR.E	30
PLOG-12223	proteomics_log	4440143	4440178	-	6	5	K.HLVSPADALPGR.N	16
PLOG-12224	proteomics_log	4440512	4440580	-	6	2	R.ARKRRSVGTSSLSIVESCARTFF.S	27
PLOG-12225	proteomics_log	4444555	4444581	-	5	4	R.RM*VQPNSAR.L	14
PLOG-12226	proteomics_log	4447160	4447186	-	6	145	K.AEIVASFER.A	13
PLOG-12227	proteomics_log	4447160	4447219	-	6	131	K.VEGWENAEAAKAEIVASFER.A	24
PLOG-12228	proteomics_log	4447160	4447228	-	6	23	K.WVKVEGWENAEAAKAEIVASFER.A	27
PLOG-12229	proteomics_log	4447160	4447234	-	6	152	K.GKWVKVEGWENAEAAKAEIVASFER.A	29
PLOG-12230	proteomics_log	4447184	4447234	-	6	5	K.GKWVKVEGWENAEAAKAEIVASFER.A	21
PLOG-12231	proteomics_log	4447187	4447219	-	6	7	K.VEGWENAEAAKAEIVASFER.A	15



PLOG-12232	proteomics_log	4447220	4447279	-	6	24	K.AQIAHFFEYHKDLEKGWVK.V	24
PLOG-12233	proteomics_log	4447229	4447279	-	6	10	K.AQIAHFFEYHKDLEKWK.W	21
PLOG-12234	proteomics_log	4447235	4447279	-	6	199	K.AQIAHFFEYHKDLEK.G	19
PLOG-12235	proteomics_log	4447235	4447336	-	6	12	K.LSKEYDHIKDVNDLPELLKAQIAHFFEYHKDLEK.G	38
PLOG-12236	proteomics_log	4447247	4447279	-	6	7	K.AQIAHFFEYHK.D	15
PLOG-12237	proteomics_log	4447280	4447309	-	6	2	K.DVNDLPELLK.A	14
PLOG-12238	proteomics_log	4447280	4447327	-	6	37	K.EYDHIDKDVNDLPELLK.A	20
PLOG-12239	proteomics_log	4447280	4447336	-	6	176	K.LSKEYDHIDKDVNDLPELLK.A	23
PLOG-12240	proteomics_log	4447280	4447360	-	6	3	K.LVAVPHSKLSKEYDHIDKDVNDLPELLK.A	31
PLOG-12241	proteomics_log	4447280	4447390	-	6	3	K.M*TDEAGEDAKLVAVPHSKLSKEYDHIDKDVNDLPELLK.A	42
PLOG-12242	proteomics_log	4447328	4447360	-	6	4	K.LVAVPHSKLSK.E	15
PLOG-12243	proteomics_log	4447328	4447390	-	6	2	K.MTDEAGEDAKLVAVPHSKLSK.E	25
PLOG-12244	proteomics_log	4447337	4447360	-	6	9	K.LVAVPHSK.L	12
PLOG-12245	proteomics_log	4447337	4447390	-	6	9	K.M*TDEAGEDAKLVAVPHSK.L	23
PLOG-12246	proteomics_log	4447337	4447390	-	6	341	K.MTDEAGEDAKLVAVPHSK.L	22
PLOG-12247	proteomics_log	4447361	4447390	-	6	11	K.M*TDEAGEDAK.L	15
PLOG-12248	proteomics_log	4447361	4447390	-	6	128	K.MTDEAGEDAK.L	14
PLOG-12249	proteomics_log	4447415	4447471	-	6	2	D.PVDVLVPTPYLQPGSVIR.C	23
PLOG-12250	proteomics_log	4447415	4447507	-	6	21	Y.GYINHTLSLDGDPVDVLVPTPYLQPGSVIR.C	35
PLOG-12251	proteomics_log	4447415	4447543	-	6	5	R.FMSTAMFYPCNYGYINHTLSLDGDPVDVLVPTPYLQPGSVIR.C	47
PLOG-12252	proteomics_log	4447544	4447609	-	6	3	I.PANADPIKYEIDKESGALFVDR.F	26
PLOG-12253	proteomics_log	4447544	4447645	-	6	77	K.DLPEDIYVVEIIPANADPIKYEIDKESGALFVDR.F	38
PLOG-12254	proteomics_log	4447544	4447672	-	6	307	M.SLLNVPAGKDLPEDIYVVEIIPANADPIKYEIDKESGALFVDR.F	47
PLOG-12255	proteomics_log	4447571	4447672	-	6	3	M.SLLNVPAGKDLPEDIYVVEIIPANADPIKYEIDK.E	38
PLOG-12256	proteomics_log	4447646	4447672	-	6	4	M.SLLNVPAGK.D	13
PLOG-12257	proteomics_log	4452661	4452705	-	5	64	R.SFFVGNDDHMMVEDVER.F	19
PLOG-12258	proteomics_log	4452661	4452708	-	5	23	R.RSFFVGNDDHMMVEDVER.F	20
PLOG-12259	proteomics_log	4452673	4452705	-	5	5	R.SFFVGNDDHMMVE.D	15
PLOG-12260	proteomics_log	4452709	4452744	-	5	62	R.ILDIIPETLHQR.R	16
PLOG-12261	proteomics_log	4452715	4452744	-	5	31	R.ILDIIPETLH.Q	14
PLOG-12262	proteomics_log	4452820	4452885	-	5	30	R.NLLKGGIYLYPSTASHPDGKLR.L	26
PLOG-12263	proteomics_log	4452826	4452885	-	5	2	R.NLLKGGIYLYPSTASHPDGK.L	24
PLOG-12264	proteomics_log	4452886	4452918	-	5	15	R.YIGSLVADFHR.N	15
PLOG-12265	proteomics_log	4453441	4453506	-	5	2	K.AGLVDILGASGAENVQGEVQQK.L	26
PLOG-12266	proteomics_log	4453531	4453599	-	5	11	K.QHEFSHATGELTALLSAIKLGAK.I	27
PLOG-12267	proteomics_log	4453531	4453632	-	5	2	F.M*KTLGEFIVEKQHEFSHATGELTALLSAIKLGAK.I	39
PLOG-12268	proteomics_log	4453531	4453632	-	5	30	F.MKTLGEFIVEKQHEFSHATGELTALLSAIKLGAK.I	38
PLOG-12269	proteomics_log	4453543	4453599	-	5	6	K.QHEFSHATGELTALLSAIK.L	23
PLOG-12270	proteomics_log	4453543	4453626	-	5	13	K.TLGEFIVEKQHEFSHATGELTALLSAIK.L	32
PLOG-12271	proteomics_log	4453543	4453632	-	5	51	F.MKTLGEFIVEKQHEFSHATGELTALLSAIK.L	34
PLOG-12272	proteomics_log	4453600	4453632	-	5	15	F.MKTLGEFIVEK.Q	15
PLOG-12273	proteomics_log	4455697	4455765	-	5	44	R.LGAEIVDLGKNALDKIPLDADR.A	27
PLOG-12274	proteomics_log	4459175	4459276	-	6	2	R.LNADDDVSEIFKNRASISLGYIGIHETINALFG.G	38
PLOG-12275	proteomics_log	4468553	4468582	-	6	32	K.IEIEAIAVRR.-	14
PLOG-12276	proteomics_log	4468553	4468621	-	6	7	R.SCVEVARLPKDVKIEIEAIAVRR.-	27
PLOG-12277	proteomics_log	4468556	4468582	-	6	18	K.IEIEAIAVRR.R	13

PLOG-12278	proteomics_log	4468556	4468600	-	6	3	R.LPKDVKIEIEIAVR.R	19
PLOG-12279	proteomics_log	4468583	4468600	-	6	4	R.LPKDVK.L	10
PLOG-12280	proteomics_log	4468583	4468600	-	6	4	R.LPKDVK.L	10
PLOG-12281	proteomics_log	4468583	4468621	-	6	7	R.SCVEVARLPKDVK.I	17
PLOG-12282	proteomics_log	4468622	4468693	-	6	3	L.NDFATVNATYEAFFTEHNATFFPAR.S	28
PLOG-12283	proteomics_log	4468622	4468699	-	6	64	K.DLNDFATVNATYEAFFTEHNATFFPAR.S	30
PLOG-12284	proteomics_log	4468622	4468705	-	6	3	F.VKDLNDFATVNATYEAFFTEHNATFFPAR.S	32
PLOG-12285	proteomics_log	4468622	4468717	-	6	359	K.TTVFVKDLNDFATVNATYEAFFTEHNATFFPAR.S	36
PLOG-12286	proteomics_log	4468700	4468762	-	6	2	K.AIVEAAGLKVGDIVKTTVFK.D	25
PLOG-12287	proteomics_log	4468700	4468783	-	6	5	R.QSLDNVKAIVEAAGLKVGDIVKTTVFK.D	32
PLOG-12288	proteomics_log	4468718	4468762	-	6	160	K.AIVEAAGLKVGDIVK.T	19
PLOG-12289	proteomics_log	4468718	4468783	-	6	11	R.QSLDNVKAIVEAAGLKVGDIVK.T	26
PLOG-12290	proteomics_log	4468718	4468822	-	6	7	K.TGEVPADVAAQARQSLDNVKAIVEAAGLKVGDIVK.T	39
PLOG-12291	proteomics_log	4468736	4468762	-	6	94	K.AIVEAAGLK.V	13
PLOG-12292	proteomics_log	4468736	4468783	-	6	9	R.QSLDNVKAIVEAAGLK.V	20
PLOG-12293	proteomics_log	4468784	4468810	-	6	16	V.PADVAAQAR.Q	13
PLOG-12294	proteomics_log	4468784	4468822	-	6	200	K.TGEVPADVAAQAR.Q	17
PLOG-12295	proteomics_log	4468823	4468894	-	6	23	I.GPYVQGVLDLGNM*IITSGQIPVNP.K.T	29
PLOG-12296	proteomics_log	4468823	4468927	-	6	13	K.TIATENAPAAIGPYVQGVLDLGNMIITSGQIPVNP.K.T	39
PLOG-12297	proteomics_log	4468823	4468933	-	6	5	M.SKTIATENAPAAIGPYVQGVLDLGNM*IITSGQIPVNP.K.T	42
PLOG-12298	proteomics_log	4468823	4468933	-	6	291	M.SKTIATENAPAAIGPYVQGVLDLGNMIITSGQIPVNP.K.T	41
PLOG-12299	proteomics_log	4469060	4469086	-	6	12	R.KRANDIALK.C	13
PLOG-12300	proteomics_log	4469189	4469215	-	6	76	R.IDNYEVVGK.S	13
PLOG-12301	proteomics_log	4469189	4469278	-	6	24	T.FLSEDQVDQLALYAPQATVNRIDNYEVVGK.S	34
PLOG-12302	proteomics_log	4469189	4469290	-	6	80	K.IENTFLESDQVDQLALYAPQATVNRIDNYEVVGK.S	38
PLOG-12303	proteomics_log	4469189	4469302	-	6	30	K.DLIKIENTFLESDQVDQLALYAPQATVNRIDNYEVVGK.S	42
PLOG-12304	proteomics_log	4469216	4469278	-	6	13	T.FLSEDQVDQLALYAPQATVNR.I	25
PLOG-12305	proteomics_log	4469216	4469290	-	6	38	K.IENTFLESDQVDQLALYAPQATVNR.I	29
PLOG-12306	proteomics_log	4469216	4469302	-	6	43	K.DLIKIENTFLESDQVDQLALYAPQATVNR.I	33
PLOG-12307	proteomics_log	4469216	4469305	-	6	6	R.KDLKIENTFLESDQVDQLALYAPQATVNR.I	34
PLOG-12308	proteomics_log	4469216	4469347	-	6	5	R.ITIGLNLPSEGEMGRKDLK.I	48
PLOG-12309	proteomics_log	4469291	4469347	-	6	10	R.ITIGLNLPSEGEMGRKDLK.I	23
PLOG-12310	proteomics_log	4469291	4469368	-	6	2	K.LTETDQRITIGLNLPSEGEMGRKDLK.I	30
PLOG-12311	proteomics_log	4469303	4469347	-	6	3	R.ITIGLNLPSEGEM*GRK.D	20
PLOG-12312	proteomics_log	4469303	4469347	-	6	70	R.ITIGLNLPSEGEMGRK.D	19
PLOG-12313	proteomics_log	4469303	4469368	-	6	4	K.LTETDQRITIGLNLPSEGEMGRK.D	26
PLOG-12314	proteomics_log	4469303	4469386	-	6	14	K.LLSLFKLTETDQRITIGLNLPSEGEMGRK.D	32
PLOG-12315	proteomics_log	4469306	4469347	-	6	13	R.ITIGLNLPSEGEM*GR.K	19
PLOG-12316	proteomics_log	4469306	4469347	-	6	121	R.ITIGLNLPSEGEMGR.K	18
PLOG-12317	proteomics_log	4469306	4469386	-	6	3	K.LLSLFKLTETDQRITIGLNLPSEGEMGR.K	31
PLOG-12318	proteomics_log	4469348	4469380	-	6	3	L.SLFKLTETDQR.I	15
PLOG-12319	proteomics_log	4469348	4469386	-	6	102	K.LLSLFKLTETDQR.I	17
PLOG-12320	proteomics_log	4469348	4469428	-	6	50	R.GTVIDHIPAQIGFKLLSLFKLTETDQR.I	31
PLOG-12321	proteomics_log	4469369	4469407	-	6	5	I.PAQIGFKLLSLFK.L	17
PLOG-12322	proteomics_log	4469369	4469428	-	6	85	R.GTVIDHIPAQIGFKLLSLFK.L	24
PLOG-12323	proteomics_log	4469369	4469431	-	6	2	K.RGTVIDHIPAQIGFKLLSLFK.L	25

PLOG-12324	proteomics_log	4469387	4469428	-	6	245	R.GTVIDHIPAQIGFK.L	18
PLOG-12325	proteomics_log	4469387	4469431	-	6	39	K.RGTVIDHIPAQIGFK.L	19
PLOG-12326	proteomics_log	4469387	4469452	-	6	2	K.LQVEAIKRGTVIDHIPAQIGFK.L	26
PLOG-12327	proteomics_log	4469387	4469467	-	6	57	M.THDNKLQVEAIKRGTVIDHIPAQIGFK.L	31
PLOG-12328	proteomics_log	4469387	4469470	-	6	28	E.MTHDNKLQVEAIKRGTVIDHIPAQIGFK.L	32
PLOG-12329	proteomics_log	4469429	4469452	-	6	5	K.LQVEAIKR.G	12
PLOG-12330	proteomics_log	4469429	4469467	-	6	169	M.THDNKLQVEAIKR.G	17
PLOG-12331	proteomics_log	4469429	4469470	-	6	12	E.M*THDNKLQVEAIKR.G	19
PLOG-12332	proteomics_log	4469429	4469470	-	6	76	E.MTHDNKLQVEAIKR.G	18
PLOG-12333	proteomics_log	4469432	4469467	-	6	22	M.THDNKLQVEAIK.R	16
PLOG-12334	proteomics_log	4469432	4469470	-	6	10	E.MTHDNKLQVEAIK.R	17
PLOG-12335	proteomics_log	4469486	4469527	-	6	126	R.QALLALVLRDLV.L-	18
PLOG-12336	proteomics_log	4469489	4469527	-	6	5	R.QALLALVLRDLV.L	17
PLOG-12337	proteomics_log	4469498	4469527	-	6	261	R.QALLALVLR.D	14
PLOG-12338	proteomics_log	4469528	4469563	-	6	3	W.YFQQAGNGIFAR.Q	16
PLOG-12339	proteomics_log	4469528	4469578	-	6	2	K.TPHAWYFQQAGNGIFAR.Q	21
PLOG-12340	proteomics_log	4469528	4469608	-	6	296	R.VDEIATDVKTPHAWYFQQAGNGIFAR.Q	31
PLOG-12341	proteomics_log	4469528	4469629	-	6	51	K.VLHPLPRVDEIATDVKTPHAWYFQQAGNGIFAR.Q	38
PLOG-12342	proteomics_log	4469528	4469641	-	6	3	K.ANM*KVLHPLPRVDEIATDVKTPHAWYFQQAGNGIFAR.Q	43
PLOG-12343	proteomics_log	4469609	4469641	-	6	3	K.ANM*KVLHPLPR.V	16
PLOG-12344	proteomics_log	4469609	4469641	-	6	35	K.ANMKVLHPLPR.V	15
PLOG-12345	proteomics_log	4469609	4469665	-	6	32	R.ASDLHNAKANMKVLHPLPR.V	23
PLOG-12346	proteomics_log	4469630	4469665	-	6	34	R.ASDLHNAKANM*K.V	17
PLOG-12347	proteomics_log	4469630	4469665	-	6	115	R.ASDLHNAKANM.V	16
PLOG-12348	proteomics_log	4469642	4469665	-	6	19	R.ASDLHNAK.A	12
PLOG-12349	proteomics_log	4469666	4469713	-	6	18	R.LDPSEYANVKAQFVLR.A	20
PLOG-12350	proteomics_log	4469666	4469728	-	6	27	R.VQKERLDPSEYANVKAQFVLR.A	25
PLOG-12351	proteomics_log	4469684	4469713	-	6	25	R.LDPSEYANVK.A	14
PLOG-12352	proteomics_log	4469684	4469719	-	6	9	K.ERLDPSEYANVK.A	16
PLOG-12353	proteomics_log	4469684	4469728	-	6	7	R.VQKERLDPSEYANVK.A	19
PLOG-12354	proteomics_log	4469714	4469764	-	6	4	E.VMAEVDILYMTRVQKER.L	21
PLOG-12355	proteomics_log	4469729	4469800	-	6	2	K.GIAWSLHSSIEEVMMAEVDILYM*TR.V	29
PLOG-12356	proteomics_log	4469729	4469800	-	6	35	K.GIAWSLHSSIEEVMMAEVDILYMTR.V	28
PLOG-12357	proteomics_log	4469774	4469866	-	6	2	R.FYFIAPDALAMPQYILDM*LDEKGIAWSLHSS.I	36
PLOG-12358	proteomics_log	4469801	4469866	-	6	10	R.FYFIAPDALAM*PQYILDMLDEK.G	27
PLOG-12359	proteomics_log	4469801	4469866	-	6	32	R.FYFIAPDALAMPQYILDM*LDEK.G	27
PLOG-12360	proteomics_log	4469801	4469866	-	6	104	R.FYFIAPDALAMPQYILDMLDEK.G	26
PLOG-12361	proteomics_log	4469801	4469881	-	6	2	K.FDGNRFYFIAPDALAM*PQYILDMLDEK.G	32
PLOG-12362	proteomics_log	4469801	4469881	-	6	2	K.FDGNRFYFIAPDALAMPQYILDM*LDEK.G	32
PLOG-12363	proteomics_log	4469801	4469881	-	6	19	K.FDGNRFYFIAPDALAMPQYILDMLDEK.G	31
PLOG-12364	proteomics_log	4469882	4469914	-	6	141	R.TVHSLTQALAK.F	15
PLOG-12365	proteomics_log	4469915	4469962	-	6	18	R.LDNLHVAMVGDLYGR.T	20
PLOG-12366	proteomics_log	4469924	4469962	-	6	52	R.LDNLHVAMVGDLYGR.Y	17
PLOG-12367	proteomics_log	4469963	4470076	-	6	79	R.LATEFSGNVPLNAGDGSNQHPTQTLDFLTIQETQGR.L	42
PLOG-12368	proteomics_log	4470077	4470163	-	6	38	K.GETLADTISVISTYVDAIVM*RHPQEGAAR.L	34
PLOG-12369	proteomics_log	4470077	4470163	-	6	110	K.GETLADTISVISTYVDAIVMRHPQEGAAR.L	33

PLOG-12370	proteomics_log	4470077	4470166	-	6	57	K.KGETLADTISVISTYVDAIVM*RHPQEGAAR.L	35
PLOG-12371	proteomics_log	4470077	4470166	-	6	217	K.KGETLADTISVISTYVDAIVMRHPQEGAAR.L	34
PLOG-12372	proteomics_log	4470077	4470220	-	6	23	R.LGASVVGFSANTSLSGKKGETLADTISVISTYVDAIVM*RHPQEGAAR.L	53
PLOG-12373	proteomics_log	4470077	4470220	-	6	33	R.LGASVVGFSANTSLSGKKGETLADTISVISTYVDAIVMRHPQEGAAR.L	52
PLOG-12374	proteomics_log	4470101	4470163	-	6	64	K.GETLADTISVISTYVDAIVM*R.H	26
PLOG-12375	proteomics_log	4470101	4470163	-	6	101	K.GETLADTISVISTYVDAIVMR.H	25
PLOG-12376	proteomics_log	4470101	4470166	-	6	65	K.KGETLADTISVISTYVDAIVM*R.H	27
PLOG-12377	proteomics_log	4470101	4470166	-	6	79	K.KGETLADTISVISTYVDAIVMR.H	26
PLOG-12378	proteomics_log	4470101	4470220	-	6	13	R.LGASVVGFSANTSLSGKKGETLADTISVISTYVDAIVM*R.H	45
PLOG-12379	proteomics_log	4470101	4470220	-	6	66	R.LGASVVGFSANTSLSGKKGETLADTISVISTYVDAIVMR.H	44
PLOG-12380	proteomics_log	4470164	4470220	-	6	23	R.LGASVVGFSANTSLSGKK.G	23
PLOG-12381	proteomics_log	4470167	4470220	-	6	40	R.LGASVVGFSANTSLSGK.K	22
PLOG-12382	proteomics_log	4470167	4470223	-	6	8	H.RLGASVVGFSANTSLSGK.K	23
PLOG-12383	proteomics_log	4470167	4470247	-	6	18	R.LSFETSMHRLGASVVGFSANTSLSGK.K	31
PLOG-12384	proteomics_log	4470221	4470247	-	6	3	R.LSFETSM*HR.L	14
PLOG-12385	proteomics_log	4470221	4470247	-	6	67	R.LSFETSMHR.L	13
PLOG-12386	proteomics_log	4470221	4470253	-	6	2	R.TRLSFETSM*HR.L	16
PLOG-12387	proteomics_log	4470221	4470253	-	6	238	R.TRLSFETSMHR.L	15
PLOG-12388	proteomics_log	4470254	4470289	-	6	5	K.VIASCFEASTR.T	16
PLOG-12389	proteomics_log	4470254	4470328	-	6	3	K.LKANPPELLKHKVIASCFEASTR.T	29
PLOG-12390	proteomics_log	4470290	4470322	-	6	10	K.ANPPELLKHK.V	15
PLOG-12391	proteomics_log	4470290	4470328	-	6	84	K.LKANPPELLKHK.V	17
PLOG-12392	proteomics_log	4470296	4470328	-	6	9	K.LKANPPELLK.H	15
PLOG-12393	proteomics_log	4470296	4470364	-	6	2	R.DDLNLVLATAAKLKANPPELLK.H	27
PLOG-12394	proteomics_log	4470296	4470394	-	6	5	K.HIISINDLSRDDLNVLATAAKLKANPPELLK.H	37
PLOG-12395	proteomics_log	4470296	4470415	-	6	3	M.ANPLYQKHIISINDLSRDDLNVLATAAKLKANPPELLK.H	44
PLOG-12396	proteomics_log	4470323	4470364	-	6	5	R.DDLNLVLATAAKL.A	18
PLOG-12397	proteomics_log	4470323	4470394	-	6	104	K.HIISINDLSRDDLNVLATAAKL.A	28
PLOG-12398	proteomics_log	4470323	4470415	-	6	21	M.ANPLYQKHIISINDLSRDDLNVLATAAKL.A	35
PLOG-12399	proteomics_log	4470329	4470364	-	6	160	R.DDLNLVLATAAK.L	16
PLOG-12400	proteomics_log	4470329	4470394	-	6	57	K.HIISINDLSRDDLNVLATAAK.L	26
PLOG-12401	proteomics_log	4470329	4470415	-	6	153	M.ANPLYQKHIISINDLSRDDLNVLATAAK.L	33
PLOG-12402	proteomics_log	4470365	4470394	-	6	115	K.HIISINDLSR.D	14
PLOG-12403	proteomics_log	4470365	4470415	-	6	17	M.ANPLYQKHIISINDLSR.D	21
PLOG-12404	proteomics_log	4470395	4470415	-	6	7	M.ANPLYQK.H	11
PLOG-12405	proteomics_log	4475333	4475359	-	6	5	K.AVMVATLSK.-	13
PLOG-12406	proteomics_log	4475333	4475374	-	6	3	R.M*HTIKAVM*VATLSK.-	20
PLOG-12407	proteomics_log	4475333	4475374	-	6	14	R.MHTIKAVMVATLSK.-	18
PLOG-12408	proteomics_log	4475525	4475557	-	6	2	K.M*M*QLTGNPEVK.F	17
PLOG-12409	proteomics_log	4475525	4475557	-	6	13	K.MMQLTGNPEVK.F	15
PLOG-12410	proteomics_log	4475558	4475593	-	6	15	R.IALLREYQVNSK.M	16
PLOG-12411	proteomics_log	4475672	4475725	-	6	11	R.ALAQQNGGNITLTEDVAK.G	22
PLOG-12412	proteomics_log	4475780	4475836	-	6	4	R.NNM*GNSM*LEAAALTGLDLR.L	25
PLOG-12413	proteomics_log	4475780	4475836	-	6	6	R.NNM*GNSMLEAAALTGLDLR.L	24
PLOG-12414	proteomics_log	4475780	4475836	-	6	214	R.NNMGNSMLEAAALTGLDLR.L	23
PLOG-12415	proteomics_log	4475780	4475836	-	6	4	R.NNM*GNSM*LEAAALTGLDLR.L	25

PLOG-12416	proteomics_log	4475780	4475836	-	6	6	R.NNM*GNSMLEAAAALTGLDLR.L	24
PLOG-12417	proteomics_log	4475780	4475836	-	6	214	R.NNMGNSMLEAAAALTGLDLR.L	23
PLOG-12418	proteomics_log	4475837	4475878	-	6	26	K.AFNEMTLVYAGDAR.N	18
PLOG-12419	proteomics_log	4475837	4475878	-	6	26	K.AFNEMTLVYAGDAR.N	18
PLOG-12420	proteomics_log	4476014	4476037	-	6	12	R.MYDGIQYR.G	12
PLOG-12421	proteomics_log	4476014	4476037	-	6	12	R.MYDGIQYR.G	12
PLOG-12422	proteomics_log	4476050	4476115	-	6	74	R.VTYLGPSPGSQIGHKESIKDTAR.V	26
PLOG-12423	proteomics_log	4476050	4476115	-	6	74	R.VTYLGPSPGSQIGHKESIKDTAR.V	26
PLOG-12424	proteomics_log	4476074	4476115	-	6	3	R.VTYLGPSPGSQIGHK.E	18
PLOG-12425	proteomics_log	4476074	4476115	-	6	3	R.VTYLGPSPGSQIGHK.E	18
PLOG-12426	proteomics_log	4476161	4476196	-	6	115	K.NIALIFEKIDSTR.T	16
PLOG-12427	proteomics_log	4476161	4476196	-	6	115	K.NIALIFEKIDSTR.T	16
PLOG-12428	proteomics_log	4476161	4476229	-	6	2	K.SGKEEAKLTGKNIALIFEKIDSTR.T	27
PLOG-12429	proteomics_log	4476197	4476229	-	6	12	K.SGKEEAKLTGK.N	15
PLOG-12430	proteomics_log	4476248	4476301	-	6	314	K.LLDFTPaelNSLLQLAAK.L	22
PLOG-12431	proteomics_log	4476260	4476301	-	6	3	K.LLDFTPaelNSLLQL.L	18
PLOG-12432	proteomics_log	4476302	4476331	-	6	3	M.SGFYHKHFLK.L	14
PLOG-12433	proteomics_log	4477489	4477521	-	5	4	R.LTLQDNPAIAR.V	15
PLOG-12434	proteomics_log	4477489	4477524	-	5	4	R.RLTLQDNPAIAR.V	16
PLOG-12435	proteomics_log	4479008	4479040	-	6	18	K.LIEQQAVIAAL.-	15
PLOG-12436	proteomics_log	4479047	4479076	-	6	3	R.EKLEGYAEAK.A	14
PLOG-12437	proteomics_log	4479077	4479106	-	6	10	R.APEAVIAKER.E	14
PLOG-12438	proteomics_log	4479083	4479106	-	6	2	R.APEAVIAK.E	12
PLOG-12439	proteomics_log	4479107	4479145	-	6	5	R.IENKLANEGFVAR.A	17
PLOG-12440	proteomics_log	4479107	4479187	-	6	3	R.LAKEVAKIEGEISRIENKLANEGFVAR.A	31
PLOG-12441	proteomics_log	4479134	4479187	-	6	6	R.LAKEVAKIEGEISRIENK.L	22
PLOG-12442	proteomics_log	4479188	4479256	-	6	121	K.IIDGAELLIPMAGLINKEDELAR.L	27
PLOG-12443	proteomics_log	4479188	4479313	-	6	7	R.LESITVLPADDDKGPVSVTKIIDGAELLIPMAGLINKEDELAR.L	46
PLOG-12444	proteomics_log	4479257	4479313	-	6	24	R.LESITVLPADDDKGPVSVTK.I	23
PLOG-12445	proteomics_log	4479314	4479337	-	6	7	R.GFLQTLAR.L	12
PLOG-12446	proteomics_log	4479314	4479355	-	6	4	R.RVNENRGFLQTLAR.L	18
PLOG-12447	proteomics_log	4479380	4479427	-	6	6	R.AEMNIAPGKPLELLLR.G	20
PLOG-12448	proteomics_log	4480076	4480117	-	6	10	R.TGNMMQPQLADKIR.K	18
PLOG-12449	proteomics_log	4480118	4480189	-	6	2	K.SKGNVIDPLDM*VDGISLPELLEKR.T	29
PLOG-12450	proteomics_log	4480118	4480189	-	6	160	K.SKGNVIDPLDMVDGISLPELLEKR.T	28
PLOG-12451	proteomics_log	4480121	4480183	-	6	6	K.GNVIDPLDMVDGISLPELLEK.R	25
PLOG-12452	proteomics_log	4480121	4480189	-	6	3	K.SKGNVIDPLDM*VDGISLPELLEK.R	28
PLOG-12453	proteomics_log	4480121	4480189	-	6	52	K.SKGNVIDPLDMVDGISLPELLEK.R	27
PLOG-12454	proteomics_log	4480754	4480837	-	6	22	R.KAVVAVDALGLLEEIKPHDLTVPYGDR.G	32
PLOG-12455	proteomics_log	4480859	4480936	-	6	2	R.ESAQVFDTKGNESDVYSSEIPAEFQK.L	30
PLOG-12456	proteomics_log	4480910	4480984	-	6	2	R.HALPMINILTFDGDIRESAQVFDTK.G	29
PLOG-12457	proteomics_log	4480937	4480984	-	6	96	R.HALPMINILTFDGDIRESAQVFDTK.G	20
PLOG-12458	proteomics_log	4480985	4481029	-	6	3	K.ITPAHDFNDYEVGKR.H	19
PLOG-12459	proteomics_log	4481048	4481089	-	6	2	R.RIPIVGDEHADMEK.G	18
PLOG-12460	proteomics_log	4481090	4481116	-	6	3	K.YVILPLVNR.R	13
PLOG-12461	proteomics_log	4481138	4481233	-	6	2	K.TADGKDYLVVATTRPETLLGDTGVAVNPEDPR.Y	36

PLOG-12462	proteomics_log	4481279	4481320	-	6	5	R.TAISDLEVENRESK.G	18
PLOG-12463	proteomics_log	4481288	4481320	-	6	12	R.TAISDLEVENR.E	15
PLOG-12464	proteomics_log	4481321	4481347	-	6	11	R.LVNWDPKLR.T	13
PLOG-12465	proteomics_log	4481348	4481383	-	6	2	R.LYKEDLIYRGKR.L	16
PLOG-12466	proteomics_log	4481351	4481383	-	6	10	R.LYKEDLIYRGK.R	15
PLOG-12467	proteomics_log	4481357	4481383	-	6	36	R.LYKEDLIYR.G	13
PLOG-12468	proteomics_log	4481384	4481434	-	6	2	R.FTM*DEGLSNAVKEVFVR.L	22
PLOG-12469	proteomics_log	4481384	4481434	-	6	64	R.FTMDEGLSNAVKEVFVR.L	21
PLOG-12470	proteomics_log	4481384	4481455	-	6	8	S.VDWERERFTMDEGLSNAVKEVFVR.L	28
PLOG-12471	proteomics_log	4481399	4481434	-	6	5	R.FTMDEGLSNAVK.E	16
PLOG-12472	proteomics_log	4481480	4481506	-	6	2	K.AESGGTITR.Q	13
PLOG-12473	proteomics_log	4481480	4481554	-	6	4	R.HDYGREAFIDKIWEWKAESGGTITR.Q	29
PLOG-12474	proteomics_log	4481507	4481539	-	6	11	R.EAFIDKIWEWK.A	15
PLOG-12475	proteomics_log	4481555	4481581	-	6	3	K.IAAEEGKTR.H	13
PLOG-12476	proteomics_log	4481555	4481584	-	6	63	R.KIAAEEGKTR.H	14
PLOG-12477	proteomics_log	4481582	4481659	-	6	2	R.MQGKNTLWQVGDHAGIATQMVVERK.I	30
PLOG-12478	proteomics_log	4481585	4481647	-	6	5	K.NTLWQVGDHAGIATQMVVER.K	25
PLOG-12479	proteomics_log	4481585	4481659	-	6	2	R.M*QGKNTLWQVGDHAGIATQMVVER.K	30
PLOG-12480	proteomics_log	4481585	4481659	-	6	61	R.MQGKNTLWQVGDHAGIATQMVVER.K	29
PLOG-12481	proteomics_log	4481920	4482003	-	5	45	R.TSFADFATAFTEVVDVFPYEDSLKQLAR.E	32
PLOG-12482	proteomics_log	4482487	4482537	-	5	28	K.GATGRPVALLAQFLLNR.A	21
PLOG-12483	proteomics_log	4482487	4482543	-	5	4	K.AKGATGRPVALLAQFLLNR.A	23
PLOG-12484	proteomics_log	4482487	4482552	-	5	2	R.SGKAKGATGRPVALLAQFLLNR.A	26
PLOG-12485	proteomics_log	4482907	4482984	-	5	3	R.AYRPGDVLTTMSGQTVEVLNTDAEGR.L	30
PLOG-12486	proteomics_log	4483297	4483326	-	5	3	K.NVITRVIGEQ.Q	14
PLOG-12487	proteomics_log	4483312	4483350	-	5	15	R.QLADSYSKNVITR.V	17
PLOG-12488	proteomics_log	4483411	4483458	-	5	3	R.AIQHGLAIAAGIKA.K	20
PLOG-12489	proteomics_log	4483420	4483458	-	5	10	R.AIQHGLAIAAGIK.A	17
PLOG-12490	proteomics_log	4483759	4483827	-	5	3	R.GELEGKPGQTLHHVNPVLSER.I	27
PLOG-12491	proteomics_log	4483759	4483830	-	5	20	R.RGELEGKPGQTLHHVNPVLSER.I	28
PLOG-12492	proteomics_log	4483828	4483896	-	5	4	R.RLSPIAEQLDKISDGYISALLR.G	27
PLOG-12493	proteomics_log	4483831	4483893	-	5	28	R.RLSPIAEQLDKISDGYISALLR.R	25
PLOG-12494	proteomics_log	4483831	4483896	-	5	116	R.RLSPIAEQLDKISDGYISALLR.R	26
PLOG-12495	proteomics_log	4483852	4483896	-	5	2	R.RLSPIAEQLDKISDG.Y	19
PLOG-12496	proteomics_log	4486980	4487033	-	4	3	K.AIQELGTGEALISFLDAK.G	22
PLOG-12497	proteomics_log	4486980	4487060	-	4	2	R.ANPAPDTEKAIQELGTGEALISFLDAK.G	31
PLOG-12498	proteomics_log	4487223	4487306	-	4	8	K.LVFFFDEAHLLFNDAPQVLLDKIEQVIR.L	32
PLOG-12499	proteomics_log	4487307	4487387	-	4	4	K.LYAASLLWMLSELYEQLPEAGDLEKPK.L	31
PLOG-12500	proteomics_log	4487670	4487720	-	4	4	R.LLNLNDVQSGVLNIIIFR.I	21
PLOG-12501	proteomics_log	4487721	4487759	-	4	5	R.ATVSDLGPLLLAR.L	17
PLOG-12502	proteomics_log	4487961	4488014	-	4	4	R.HGLITGATGTGKTVTLQK.L	22
PLOG-12503	proteomics_log	4487979	4488014	-	4	2	R.HGLITGATGTGK.T	16
PLOG-12504	proteomics_log	4488015	4488059	-	4	16	R.TPDTELFLLPGMANR.H	19
PLOG-12505	proteomics_log	4489070	4489129	-	6	4	I.ATLAGVTKM*TVSRYIRSPKK.V	25
PLOG-12506	proteomics_log	4504560	4504598	-	4	4	V.NYDAIWGTNTQRK.K	17
PLOG-12507	proteomics_log	4509574	4509639	-	5	2	R.RLLPVSALTGALLLVVADLLAR.I	26

PLOG-12508	proteomics_log	4517505	4517534	-	4	3	R.ILGISLAQLR.Q	14
PLOG-12509	proteomics_log	4517655	4517702	-	4	14	K.AFFVVGNALDENPLIR.V	20
PLOG-12510	proteomics_log	4537281	4537349	-	4	2	K.VIPGIPFM*IIKRKMPHSMMLR.L	28
PLOG-12511	proteomics_log	4541107	4541148	-	5	11	V.LIFM*LLSFQKTISK.S	19
PLOG-12512	proteomics_log	4556593	4556712	-	5	2	R.VTLSSDGNQSPPFFDDEGNLTHIGVAGFETLLETVQVLVK.D	44
PLOG-12513	proteomics_log	4556713	4556742	-	5	16	R.AVQAGIPLAR.V	14
PLOG-12514	proteomics_log	4556743	4556811	-	5	8	R.KGGTIDITSSIDEPVAPAEGIAR.A	27
PLOG-12515	proteomics_log	4556812	4556850	-	5	12	R.NVPLFEQALEFAR.K	17
PLOG-12516	proteomics_log	4556992	4557042	-	5	5	R.SAAPDVYHLANMAAESR.V	21
PLOG-12517	proteomics_log	4557064	4557123	-	5	59	R.TITGSVEKDVAIIDRVIGVK.C	24
PLOG-12518	proteomics_log	4557193	4557276	-	5	11	R.LTEAGVTSVVGLLGTDSISRHPESLLAK.T	32
PLOG-12519	proteomics_log	4557481	4557549	-	5	7	T.MIDYTAAGFTLLQGAHLYAPEDR.G	27
PLOG-12520	proteomics_log	4558266	4558346	-	4	2	P.LLGIPGICSLALIANLQNTDAAAGMTK.E	31
PLOG-12521	proteomics_log	4559136	4559231	-	4	3	K.GNSDLRSRMPNLRADAPTITGITKTLFIAGGN.H	36
PLOG-12522	proteomics_log	4563373	4563405	-	5	2	R.FGHEISEDALR.D	15
PLOG-12523	proteomics_log	4563820	4563870	-	5	10	M.SLVTDLPAIFDQFSEAR.Q	21
PLOG-12524	proteomics_log	4578238	4578270	-	5	2	R.VNNLTQSILAK.A	15
PLOG-12525	proteomics_log	4578271	4578336	-	5	4	R.RVEQLFAYADTIEKQVNNALAR.V	26
PLOG-12526	proteomics_log	4578562	4578627	-	5	6	G.DLLFTRYNGSLEFVGVCGLLKK.L	26
PLOG-12527	proteomics_log	4579521	4579556	-	4	2	R.ELGASDEADLQR.Q	16
PLOG-12528	proteomics_log	4579557	4579664	-	4	3	K.DKDSIDADSLPEPDVLAEEAMGELVQALSELDALMR.E	40
PLOG-12529	proteomics_log	4579863	4579901	-	4	6	R.TPFTDHLQPFER.V	17
PLOG-12530	proteomics_log	4580295	4580336	-	4	2	R.LGNTLGSDDGENLPK.A	18
PLOG-12531	proteomics_log	4580568	4580600	-	4	3	K.TIIHLLKPQPR.E	15
PLOG-12532	proteomics_log	4580856	4580921	-	4	2	L.PEGYRWDDLKSRIGQEQLQFYR.K	26
PLOG-12533	proteomics_log	4580958	4581017	-	4	9	R.DGGVSYQNYVNELASLLFLK.M	24
PLOG-12534	proteomics_log	4581734	4581799	-	6	7	K.SLYGDYDTPQDFLEAFDSLVR.S	26
PLOG-12535	proteomics_log	4586373	4586426	-	4	3	R.ILLTKTDVAGEAEKLER.L	22
PLOG-12536	proteomics_log	4586610	4586681	-	4	23	R.SNELEDALLDLLDNLKGNIQFDR.L	28
PLOG-12537	proteomics_log	4586838	4586888	-	4	2	S.M*NPIAVTLTGLGAGK.T	22
PLOG-12538	proteomics_log	4586838	4586888	-	4	10	S.MNPIAVTLTGLGAGK.T	21
PLOG-12539	proteomics_log	4593185	4593232	-	6	3	R.DFHSLLSAADNIFFD.Q	20
PLOG-12540	proteomics_log	4597835	4597903	-	6	8	K.LGLNSEEKEDTNYLDGIQGLLK.T	27
PLOG-12541	proteomics_log	4598288	4598317	-	6	3	L.WVIFNWDSYR.S	14
PLOG-12542	proteomics_log	4598366	4598425	-	6	7	R.SSSKRPTGM*LTNSNM*EEM*TK.L	27
PLOG-12543	proteomics_log	4598558	4598614	-	6	10	K.SVLIITVADIMSAMKDTFR.N	23
PLOG-12544	proteomics_log	4599364	4599393	-	5	3	R.LAELLALEEK.L	14
PLOG-12545	proteomics_log	4603033	4603083	-	5	5	L.LGEATVESLRHALFFEK.T	21
PLOG-12546	proteomics_log	4604824	4604850	-	5	6	R.HLNSGGELR.I	13
PLOG-12547	proteomics_log	4605133	4605189	-	5	2	R.DGLDVGSQLLLSTLTPHTK.G	23
PLOG-12548	proteomics_log	4605379	4605465	-	5	2	K.NKPEAQFLM*NLLSLLPVGTDIFVVGENR.S	34
PLOG-12549	proteomics_log	4605379	4605465	-	5	48	K.NKPEAQFLMNLNLLSLLPVGTDIFVVGENR.S	33
PLOG-12550	proteomics_log	4605595	4605657	-	5	5	R.ILFAGDLQDDLPARLTAASR.A	25
PLOG-12551	proteomics_log	4605616	4605657	-	5	11	R.ILFAGDLQDDLPAR.L	18
PLOG-12552	proteomics_log	4605658	4605684	-	5	10	R.HSDDFEQSR.I	13
PLOG-12553	proteomics_log	4605685	4605720	-	5	6	M.SAFTPASEVLLR.H	16

PLOG-12554	proteomics_log	4607805	4607864	-	4	2	S.LFIKVRIGVSRRRVTSISLR.V	24
PLOG-12555	proteomics_log	4609815	4609883	-	4	3	M.TGRDDIVRQQFGFDFTGGGGVTR.V	27
PLOG-12556	proteomics_log	4615053	4615085	-	4	6	M.PTSHENALQQR.C	15
PLOG-12557	proteomics_log	4618544	4618591	-	6	3	F.QTRGITGDVATVAPGR.V	20
PLOG-12558	proteomics_log	4621250	4621306	-	6	9	R.AQVFTDSLNPAPLEALAGR.L	23
PLOG-12559	proteomics_log	4621427	4621495	-	6	5	R.VEAEIISPNKTPDLNFAETFAR.Q	27
PLOG-12560	proteomics_log	4624564	4624653	-	5	2	T.EQSIQCSSTFGPASEPSLVTCPTMTIATPR.V	34
PLOG-12561	proteomics_log	4626905	4626937	-	6	14	R.TLGADALEPKR.I	15
PLOG-12562	proteomics_log	4626908	4626937	-	6	8	R.TLGADALEPKR.R	14
PLOG-12563	proteomics_log	4626938	4627027	-	6	4	R.IATHILDYQDEGKVEFFEGNFTEYEEYKKR.T	34
PLOG-12564	proteomics_log	4627103	4627174	-	6	7	K.LLQVGGNM*LLLDEPTNDLDIETLR.A	29
PLOG-12565	proteomics_log	4627103	4627174	-	6	85	K.LLQVGGNMLLLDEPTNDLDIETLR.A	28
PLOG-12566	proteomics_log	4627190	4627225	-	6	2	K.RVGELSGGERGR.L	16
PLOG-12567	proteomics_log	4627196	4627222	-	6	11	R.VGELSGGER.G	13
PLOG-12568	proteomics_log	4627196	4627225	-	6	7	K.RVGELSGGER.G	14
PLOG-12569	proteomics_log	4627223	4627255	-	6	3	R.FNFKGVDQGKR.V	15
PLOG-12570	proteomics_log	4627223	4627270	-	6	6	R.AYVGRFNFKGVDQGKR.V	20
PLOG-12571	proteomics_log	4627271	4627297	-	6	23	K.IGNTEMPSR.A	13
PLOG-12572	proteomics_log	4627271	4627297	-	6	23	K.IGNTEM*PSR.A	14
PLOG-12573	proteomics_log	4627271	4627339	-	6	2	K.TVWEEVSGGLDIMKIGNTEMPSR.A	27
PLOG-12574	proteomics_log	4627298	4627339	-	6	33	K.TVWEEVSGGLDIMK.I	18
PLOG-12575	proteomics_log	4627298	4627384	-	6	7	K.LASVDQFRDSMDNSKTVWEEVSGGLDIMK.I	33
PLOG-12576	proteomics_log	4627340	4627384	-	6	2	K.LASVDQFRDSM*DNSK.T	20
PLOG-12577	proteomics_log	4627340	4627384	-	6	12	K.LASVDQFRDSMDNSK.T	19
PLOG-12578	proteomics_log	4627385	4627444	-	6	2	R.M*ISGQEQPDSGTITLGETVK.L	25
PLOG-12579	proteomics_log	4627385	4627444	-	6	12	R.MISGQEQPDSGTITLGETVK.L	24
PLOG-12580	proteomics_log	4627445	4627501	-	6	8	K.GAIVGIIGPNGAGKSTLFR.M	23
PLOG-12581	proteomics_log	4627445	4627537	-	6	52	R.LLIDDLFSFIPKGAIVGIIGPNGAGKSTLFR.M	35
PLOG-12582	proteomics_log	4627445	4627552	-	6	4	K.SYGDRLLIDDLFSFIPKGAIVGIIGPNGAGKSTLFR.M	40
PLOG-12583	proteomics_log	4627445	4627555	-	6	2	R.KSYGDRLLIDDLFSFIPKGAIVGIIGPNGAGKSTLFR.M	41
PLOG-12584	proteomics_log	4627460	4627501	-	6	50	K.GAIVGIIGPNGAGK.S	18
PLOG-12585	proteomics_log	4627460	4627537	-	6	2	R.LLIDDLFSFIPKGAIVGIIGPNGAGK.S	30
PLOG-12586	proteomics_log	4627460	4627552	-	6	18	K.SYGDRLLIDDLFSFIPKGAIVGIIGPNGAGK.S	35
PLOG-12587	proteomics_log	4627460	4627555	-	6	3	R.KSYGDRLLIDDLFSFIPKGAIVGIIGPNGAGK.S	36
PLOG-12588	proteomics_log	4627502	4627537	-	6	113	R.LLIDDLFSFIPK.G	16
PLOG-12589	proteomics_log	4627502	4627552	-	6	9	K.SYGDRLLIDDLFSFIPK.G	21
PLOG-12590	proteomics_log	4627502	4627555	-	6	4	R.KSYGDRLLIDDLFSFIPK.G	22
PLOG-12591	proteomics_log	4627553	4627591	-	6	195	R.LGDKVLEVSNLR.S	17
PLOG-12592	proteomics_log	4627556	4627591	-	6	99	R.LGDKVLEVSNLR.K	16
PLOG-12593	proteomics_log	4627592	4627630	-	6	24	R.NETNELFIPPGPR.L	17
PLOG-12594	proteomics_log	4627592	4627633	-	6	2	K.RNETNELFIPPGPR.L	18
PLOG-12595	proteomics_log	4627592	4627666	-	6	7	R.FEELNSTEYQKRNETNELFIPPGPR.L	29
PLOG-12596	proteomics_log	4627631	4627666	-	6	24	R.FEELNSTEYQKR.N	16
PLOG-12597	proteomics_log	4627631	4627675	-	6	42	R.LARFEELNSTEYQKR.N	19
PLOG-12598	proteomics_log	4627634	4627666	-	6	15	R.FEELNSTEYQK.R	15
PLOG-12599	proteomics_log	4627715	4627744	-	6	19	K.SIEKELEWVR.Q	14



PLOG-12600	proteomics_log	4627715	4627750	-	6	4	R.RKSIEKELEWVR.Q	16
PLOG-12601	proteomics_log	4627751	4627783	-	6	149	R.LAQEASQEAAAR.R	15
PLOG-12602	proteomics_log	4627793	4627888	-	6	21	R.YFLDNVAGWILELDRGEGIPWEGNYSSWLEQK.D	36
PLOG-12603	proteomics_log	4627844	4627888	-	6	3	R.YFLDNVAGWILELDR.G	19
PLOG-12604	proteomics_log	4627844	4627936	-	6	3	R.FLHDFEGTVVAITHDRYFLDNVAGWILELDR.G	35
PLOG-12605	proteomics_log	4627889	4627936	-	6	24	R.FLHDFEGTVVAITHDR.Y	20
PLOG-12606	proteomics_log	4627937	4628020	-	6	3	R.LLLEKPDMLLLDEPTNHLDAESVAWLER.F	33
PLOG-12607	proteomics_log	4627937	4628020	-	6	100	R.LLLEKPDMLLLDEPTNHLDAESVAWLER.F	32
PLOG-12608	proteomics_log	4628042	4628068	-	6	16	K.IANLSGGER.R	13
PLOG-12609	proteomics_log	4628042	4628107	-	6	4	R.AADALRLPDWDAKIANLSGGER.R	26
PLOG-12610	proteomics_log	4628069	4628107	-	6	48	R.AADALRLPDWDAK.I	17
PLOG-12611	proteomics_log	4628108	4628164	-	6	2	R.LEEIIQAHDGHNLNVLQLER.A	23
PLOG-12612	proteomics_log	4628237	4628284	-	6	19	R.ESIEEAVSEVVNALKR.L	20
PLOG-12613	proteomics_log	4628237	4628335	-	6	34	K.IGYLPQEPQLNPEHTVRESIEEAVSEVVNALKR.L	37
PLOG-12614	proteomics_log	4628240	4628284	-	6	39	R.ESIEEAVSEVVNALK.R	19
PLOG-12615	proteomics_log	4628240	4628335	-	6	106	K.IGYLPQEPQLNPEHTVRESIEEAVSEVVNALK.R	36
PLOG-12616	proteomics_log	4628336	4628395	-	6	2	R.IM*AGIDKDIEGEARPPDIK.I	25
PLOG-12617	proteomics_log	4628336	4628395	-	6	12	R.IMAGIDKDIEGEARPPDIK.I	24
PLOG-12618	proteomics_log	4628375	4628452	-	6	3	P.GAKIGVLGLNGAGKSTLLRIMAGIDK.D	30
PLOG-12619	proteomics_log	4628396	4628443	-	6	75	K.IGVLGLNGAGKSTLLR.I	20
PLOG-12620	proteomics_log	4628411	4628443	-	6	115	K.IGVLGLNGAGK.S	15
PLOG-12621	proteomics_log	4628444	4628476	-	6	129	K.NISLSFFPGAK.I	15
PLOG-12622	proteomics_log	4628516	4628542	-	6	44	V.AQFVYTMHR.V	13
PLOG-12623	proteomics_log	4633091	4633132	-	6	3	R.LTARPILDIALQYR.F	18
PLOG-12624	proteomics_log	4633244	4633303	-	6	2	L.LIWLEGHLDQPLSLDNVAAK.A	24
PLOG-12625	proteomics_log	4633244	4633333	-	6	84	F.MDQAGIIRDLLIWLEGHLDQPLSLDNVAAK.A	34
PLOG-12626	proteomics_log	4637637	4637699	-	4	29	K.HFESTPDTPEIIATIHGEGYR.F	25
PLOG-12627	proteomics_log	4637637	4637702	-	4	15	R.KHFESTPDTPEIIATIHGEGYR.F	26
PLOG-12628	proteomics_log	4637754	4637783	-	4	2	R.AELLKKM*TGR.E	15
PLOG-12629	proteomics_log	4637754	4637783	-	4	9	R.AELLKKMTGR.E	14
PLOG-12630	proteomics_log	4637784	4637828	-	4	9	R.AMLHFCENPGKIQSR.A	19
PLOG-12631	proteomics_log	4637841	4637882	-	4	224	R.SLIGPDGEQYKLP.R.S	18
PLOG-12632	proteomics_log	4637883	4637915	-	4	10	K.FNGWELDINSR.S	15
PLOG-12633	proteomics_log	4637883	4637933	-	4	35	R.SVESYKFNGWELDINSR.S	21
PLOG-12634	proteomics_log	4637883	4637936	-	4	40	R.RSVESYKFNGWELDINSR.S	22
PLOG-12635	proteomics_log	4637934	4637969	-	4	28	R.TMNLGTVSEERR.S	16
PLOG-12636	proteomics_log	4637937	4637969	-	4	2	R.TM*NLGTVSEER.R	16
PLOG-12637	proteomics_log	4637937	4637969	-	4	120	R.TMNLGTVSEER.R	15
PLOG-12638	proteomics_log	4638006	4638062	-	4	2	K.ILGLEIGADDYITKPFNPR.E	23
PLOG-12639	proteomics_log	4638006	4638080	-	4	30	R.DNEVDKILGLEIGADDYITKPFNPR.E	29
PLOG-12640	proteomics_log	4638006	4638119	-	4	2	R.EQANVALMFLTGRDNEVDKILGLEIGADDYITKPFNPR.E	42
PLOG-12641	proteomics_log	4638081	4638119	-	4	7	R.EQANVALMFLTGR.D	17
PLOG-12642	proteomics_log	4638282	4638329	-	4	8	N.M*QTPHILIVEDELVTR.N	21
PLOG-12643	proteomics_log	4638282	4638329	-	4	97	N.MQTPHILIVEDELVTR.N	20
PHEAT+1	proteomics_heat	352	384	+	1	5	K.FGGTSVANAER.F	15
PHEAT+2	proteomics_heat	394	423	+	1	3	R.VADILESNAR.Q	14

PHEAT+3	proteomics_heat	424	462	+	1	5	R.QGQVATVLSAPAK.I	17
PHEAT+4	proteomics_heat	463	495	+	1	22	K.ITNHLVAMIEK.T	15
PHEAT+5	proteomics_heat	496	543	+	1	9	K.TISGQDALPNISDAER.I	20
PHEAT+6	proteomics_heat	544	609	+	1	29	R.IFAELLTGLAAAQPGFPLAQLK.T	26
PHEAT+7	proteomics_heat	610	642	+	1	5	K.TFVDQEFAQIK.H	15
PHEAT+8	proteomics_heat	643	711	+	1	7	K.HVLHGISLLGQCPDSINAALICR.G	27
PHEAT+9	proteomics_heat	643	693	+	1	3	K.HVLHGISLLGQCPDSIN.A	21
PHEAT+10	proteomics_heat	721	759	+	1	3	K.MSIAMAGVLEAR.G	17
PHEAT+11	proteomics_heat	760	795	+	1	23	R.GHNVTVIDPVEK.L	16
PHEAT+12	proteomics_heat	796	852	+	1	37	K.LLAVGHYLESTVDIAESTR.R	23
PHEAT+13	proteomics_heat	796	855	+	1	2	K.LLAVGHYLESTVDIAESTRR.I	24
PHEAT+14	proteomics_heat	871	948	+	1	9	R.IPADHMVLMAGFTAGNEKGELVVLR.N	30
PHEAT+15	proteomics_heat	871	924	+	1	16	R.IPADHMVLMAGFTAGNEK.G	22
PHEAT+16	proteomics_heat	949	993	+	1	4	R.NGSDYSAAVLAACL.R.A	19
PHEAT+17	proteomics_heat	994	1050	+	1	6	R.ADCCEIWTVDVGVYTC DPR.Q	23
PHEAT+18	proteomics_heat	1078	1125	+	1	31	K.SMSYQEAMELSYFGAK.V	20
PHEAT+19	proteomics_heat	1141	1185	+	1	5	R.TITPIAQFQIPCLIK.N	19
PHEAT+20	proteomics_heat	1186	1233	+	1	8	K.NTGNPQAPGTLIGASR.D	20
PHEAT+21	proteomics_heat	1186	1257	+	1	5	K.NTGNPQAPGTLIGASRDEDEL PVK.G	28
PHEAT+22	proteomics_heat	1234	1257	+	1	4	R.DEDEL PVK.G	12
PHEAT+23	proteomics_heat	1258	1314	+	1	14	K.GISLNNMAMFVSGPGMK.G	23
PHEAT+24	proteomics_heat	1453	1485	+	1	3	R.AMQEEFYLELK.E	15
PHEAT+25	proteomics_heat	1486	1521	+	1	6	K.EGLLEPLAVTER.L	16
PHEAT+26	proteomics_heat	1522	1557	+	1	4	R.LAIISVVGDGMR.T	16
PHEAT+27	proteomics_heat	1648	1695	+	1	6	R.SISVVVNNDDATTGVR.V	20
PHEAT+28	proteomics_heat	1858	1944	+	1	4	K.ALLTNVHGLNLENWQEELAQAKEPFLGR.L	33
PHEAT+29	proteomics_heat	1858	1923	+	1	18	K.ALLTNVHGLNLENWQEELAQAK.E	26
PHEAT+30	proteomics_heat	1963	2043	+	1	41	K.EYHLLNPVIVDCTSSQAVADQYADFLR.E	31
PHEAT+31	proteomics_heat	2044	2076	+	1	4	R.EGFHV VTPNKK.A	15
PHEAT+32	proteomics_heat	2044	2073	+	1	5	R.EGFHV VTPNK.K	14
PHEAT+33	proteomics_heat	2074	2115	+	1	3	K.KANTSSMDYYHQLR.Y	18
PHEAT+34	proteomics_heat	2077	2115	+	1	11	K.ANTSSMDYYHQLR.Y	17
PHEAT+35	proteomics_heat	2137	2229	+	1	2	R.RKFLYDTNVGAGLPVIENLQNLNAGDELMK.F	35
PHEAT+36	proteomics_heat	2140	2229	+	1	16	R.KFLYDTNVGAGLPVIENLQNLNAGDELMK.F	34
PHEAT+37	proteomics_heat	2143	2229	+	1	68	K.FLYDTNVGAGLPVIENLQNLNAGDELMK.F	33
PHEAT+38	proteomics_heat	2230	2274	+	1	29	K.FSGILSGSLSYIFGK.L	19
PHEAT+39	proteomics_heat	2275	2319	+	1	14	K.LDEGMSFSEATTLAR.E	19
PHEAT+40	proteomics_heat	2320	2349	+	1	3	R.EMGYTEPDPR.D	14
PHEAT+41	proteomics_heat	2350	2379	+	1	20	R.DDLSGMDVAR.K	14
PHEAT+42	proteomics_heat	2569	2604	+	1	10	R.YVGNIDEDGVCR.V	16
PHEAT+43	proteomics_heat	2611	2646	+	1	8	K.IAEVDGNDPLFK.V	16
PHEAT+44	proteomics_heat	2611	2634	+	1	5	K.IAEVDGND.P	12
PHEAT+45	proteomics_heat	2647	2715	+	1	10	K.VKNGENALAFYSHYYQPLPLVLR.G	27
PHEAT+46	proteomics_heat	2647	2688	+	1	2	K.VKNGENALAFYSHY.Y	18
PHEAT+47	proteomics_heat	2653	2715	+	1	31	K.NGENALAFYSHYYQPLPLVLR.G	25
PHEAT+48	proteomics_heat	2674	2715	+	1	8	A.FYSHYYQPLPLVLR.G	18

PHEAT+49	proteomics_heat	2680	2715	+	1	7	Y.SHYYQPLPLVLR.G	16
PHEAT+50	proteomics_heat	2716	2772	+	1	21	R.GYGAGNDVTAAGVFADLLR.T	23
PHEAT+51	proteomics_heat	2954	2983	+	2	2	R.FADKLPSEPR.E	14
PHEAT+52	proteomics_heat	2984	3013	+	2	3	R.ENIVYQCWER.F	14
PHEAT+53	proteomics_heat	3014	3034	+	2	3	R.FCQELGK.Q	11
PHEAT+54	proteomics_heat	3035	3064	+	2	2	K.QIPVAMTLEK.N	14
PHEAT+55	proteomics_heat	3065	3166	+	2	7	K.NMPIGSGLGSSACSVVAALMAMNEHCGKPLNDR.L	38
PHEAT+56	proteomics_heat	3416	3445	+	2	2	R.HLAGFIHACY.S	14
PHEAT+57	proteomics_heat	3473	3505	+	2	4	K.LMKDVIAEPIR.E	15
PHEAT+58	proteomics_heat	3482	3505	+	2	2	K.DVIAEPIR.E	12
PHEAT+59	proteomics_heat	3539	3634	+	2	6	R.QAVAEIGAVASGISGSGPTLFALCDKPETAQR.V	36
PHEAT+60	proteomics_heat	3602	3634	+	2	5	F.ALCDKPETAQR.V	15
PHEAT+61	proteomics_heat	3656	3697	+	2	10	K.NYLQNQEGFVHICR.L	18
PHEAT+62	proteomics_heat	3740	3808	+	2	16	K.LYNLKDHNQVVSFAQAVTQGLGK.N	27
PHEAT+63	proteomics_heat	3755	3808	+	2	14	K.DHNEQVVSFAQAVTQGLGK.N	22
PHEAT+64	proteomics_heat	3809	3877	+	2	62	K.NQGLFFPHDLPEFSLTEIDMLK.L	27
PHEAT+65	proteomics_heat	3905	3958	+	2	29	K.ILSAFIGDEIPQEILEER.V	22
PHEAT+66	proteomics_heat	3965	4054	+	2	4	R.AAFAPAPVANVESDVGCLLFHGPTLAFK.D	34
PHEAT+67	proteomics_heat	4070	4189	+	2	13	R.FMAQMLTHIAGDKPVTILTATSGDTGAAVAHAFYGLPNVK.V	44
PHEAT+68	proteomics_heat	4094	4189	+	2	4	H.IAGDKPVTILTATSGDTGAAVAHAFYGLPNVK.V	36
PHEAT+69	proteomics_heat	4136	4189	+	2	12	S.GDTGAAVAHAFYGLPNVK.V	22
PHEAT+70	proteomics_heat	4238	4315	+	2	33	K.LFCTLGGNIETVAIDGDFDACQALVK.Q	30
PHEAT+71	proteomics_heat	4316	4387	+	2	8	K.QAFDDEELKVALGLNSANSINISR.L	28
PHEAT+72	proteomics_heat	4343	4387	+	2	3	K.VALGLNSANSINISR.L	19
PHEAT+73	proteomics_heat	4388	4447	+	2	5	R.LLAQICYFEAVAQLPQETR.N	24
PHEAT+74	proteomics_heat	4448	4513	+	2	12	R.NQLVSVPSGNFGDLTAGLLAK.S	26
PHEAT+75	proteomics_heat	4469	4513	+	2	2	V.PSGNFGDLTAGLLAK.S	19
PHEAT+76	proteomics_heat	4535	4576	+	2	6	K.RFIAATNVNDTVPR.F	18
PHEAT+77	proteomics_heat	4538	4576	+	2	9	R.FIAATNVNDTVPR.F	17
PHEAT+78	proteomics_heat	4577	4606	+	2	12	R.FLHDGQWSPK.A	14
PHEAT+79	proteomics_heat	4607	4666	+	2	7	K.ATQATLSNAMDVSPNNWPR.V	24
PHEAT+80	proteomics_heat	4706	4756	+	2	20	K.ELGYAAVDETTQQTMR.E	21
PHEAT+81	proteomics_heat	4730	4756	+	2	2	D.DETTQQTMR.E	13
PHEAT+82	proteomics_heat	4757	4810	+	2	6	R.ELKELGYTSEPHAAYR.A	22
PHEAT+83	proteomics_heat	4766	4810	+	2	9	K.ELGYTSEPHAAYR.A	19
PHEAT+84	proteomics_heat	4811	4876	+	2	17	R.ALKLDLNPGEYGLFLGTAHPAK.F	26
PHEAT+85	proteomics_heat	4820	4876	+	2	14	R.DQLNPGEYGLFLGTAHPAK.F	23
PHEAT+86	proteomics_heat	4877	4927	+	2	232	K.FKESVEAILGETLDLPK.E	21
PHEAT+87	proteomics_heat	4883	4927	+	2	2	K.ESVEAILGETLDLPK.E	19
PHEAT+88	proteomics_heat	4943	4999	+	2	12	R.ADLPLLSHNLPAFALRK.L	23
PHEAT+89	proteomics_heat	4943	4996	+	2	10	R.ADLPLLSHNLPAFALR.K	22
PHEAT+90	proteomics_heat	8241	8264	+	3	7	M.TDKLTSR.Q	12
PHEAT+91	proteomics_heat	8265	8312	+	3	20	R.QYTTVVADTGDIAAMK.L	20
PHEAT+92	proteomics_heat	8310	8384	+	3	3	M.KLYQPQDATTNPSLILNAAQIPEYR.K	29
PHEAT+93	proteomics_heat	8313	8384	+	3	17	K.LYQPQDATTNPSLILNAAQIPEYR.K	28
PHEAT+94	proteomics_heat	8385	8417	+	3	9	R.KLIDDAVAWAK.Q	15

PHEAT+95	proteomics_heat	8388	8417	+	3	6	K.LIDDAVAWAK.Q	14
PHEAT+96	proteomics_heat	8436	8498	+	3	116	R.AQQIVDATDKLAVNIGLEILK.L	25
PHEAT+97	proteomics_heat	8436	8465	+	3	7	R.AQQIVDATDK.L	14
PHEAT+98	proteomics_heat	8514	8537	+	3	2	R.ISTEVDAR.L	12
PHEAT+99	proteomics_heat	8538	8570	+	3	7	R.LSYDTEASIAK.A	15
PHEAT+100	proteomics_heat	8589	8621	+	3	11	K.LYNDAGISNDR.I	15
PHEAT+101	proteomics_heat	8634	8660	+	3	2	K.LASTWQGIR.A	13
PHEAT+102	proteomics_heat	8682	8732	+	3	179	K.EGINCNLTLLFSFAQAR.A	21
PHEAT+103	proteomics_heat	8682	8732	+	3	179	K.EGINCNLTLLFSFAQAR.A	21
PHEAT+104	proteomics_heat	8733	8780	+	3	47	R.ACAEAGVFLISPFVGR.I	20
PHEAT+105	proteomics_heat	8733	8780	+	3	47	R.ACAEAGVFLISPFVGR.I	20
PHEAT+106	proteomics_heat	8817	8879	+	3	35	K.EYAPAEDPGVSVSEIYQYYK.E	25
PHEAT+107	proteomics_heat	8880	8921	+	3	44	K.EHGYETVVMGASFR.N	18
PHEAT+108	proteomics_heat	8922	8960	+	3	6	R.NIGEILELAGCDR.L	17
PHEAT+109	proteomics_heat	8988	9020	+	3	10	K.ELAESEGAIER.K	15
PHEAT+110	proteomics_heat	8988	9023	+	3	2	K.ELAESEGAIERK.L	16
PHEAT+111	proteomics_heat	9021	9047	+	3	14	R.KLSYTGVEK.A	13
PHEAT+112	proteomics_heat	9063	9119	+	3	12	R.ITESEFLWQHNDPMAVDK.L	23
PHEAT+113	proteomics_heat	9063	9137	+	3	3	R.ITESEFLWQHNDPMAVDKLAEGIR.K	29
PHEAT+114	proteomics_heat	9138	9170	+	3	4	R.KFAIDQEKLEK.M	15
PHEAT+115	proteomics_heat	9141	9170	+	3	6	K.FAIDQEKLEK.M	14
PHEAT+116	proteomics_heat	9375	9440	+	3	2	K.GIPALEEWLTSALTTPFELETR.L	26
PHEAT+117	proteomics_heat	9441	9545	+	3	2	R.LIPDEQAIIEQTLCELVDEM SCHLVLTGGTGPAR.R	39
PHEAT+118	proteomics_heat	9549	9587	+	3	11	R.DVTPDATLAVADR.E	17
PHEAT+119	proteomics_heat	9618	9659	+	3	2	R.QISLHFVPTAILSR.Q	18
PHEAT+120	proteomics_heat	9678	9716	+	3	2	R.KQALILNLPQPK.S	17
PHEAT+121	proteomics_heat	12166	12237	+	1	2	M.GKIIIGIDLGTTNSCVAIMDGTTPR.V	28
PHEAT+122	proteomics_heat	12172	12237	+	1	30	K.IIGIDLGTTNSCVAIMDGTTPR.V	26
PHEAT+123	proteomics_heat	12235	12264	+	1	3	P.RVLENAEGDR.T	14
PHEAT+124	proteomics_heat	12238	12264	+	1	12	R.VLENAEGDR.T	13
PHEAT+125	proteomics_heat	12262	12327	+	1	2	D.RTTPSIIAYTQDGETLVGQPAK.R	26
PHEAT+126	proteomics_heat	12265	12330	+	1	7	R.TTPSIIAYTQDGETLVGQPAKR.Q	26
PHEAT+127	proteomics_heat	12265	12327	+	1	8	R.TTPSIIAYTQDGETLVGQPAK.R	25
PHEAT+128	proteomics_heat	12289	12330	+	1	3	Y.TQDGETLVGQPAKR.Q	18
PHEAT+129	proteomics_heat	12307	12375	+	1	3	T.LVGQPAKRQAVTNPQNTLFAIKR.L	27
PHEAT+130	proteomics_heat	12328	12372	+	1	4	K.RQAVTNPQNTLFAIK.R	19
PHEAT+131	proteomics_heat	12331	12372	+	1	5	R.QAVTNPQNTLFAIK.R	18
PHEAT+132	proteomics_heat	12331	12375	+	1	11	R.QAVTNPQNTLFAIKR.L	19
PHEAT+133	proteomics_heat	12388	12414	+	1	13	R.RFQDEEVQR.D	13
PHEAT+134	proteomics_heat	12391	12414	+	1	4	R.FQDEEVQR.D	12
PHEAT+135	proteomics_heat	12415	12438	+	1	5	R.DVSIMPFK.I	12
PHEAT+136	proteomics_heat	12439	12480	+	1	28	K.IIAADNGDAWVEVK.G	18
PHEAT+137	proteomics_heat	12487	12525	+	1	2	Q.KMAPPQISA EVLK.K	17
PHEAT+138	proteomics_heat	12490	12525	+	1	2	K.MAPPQISA EVLK.K	16
PHEAT+139	proteomics_heat	12535	12615	+	1	10	K.KTAEDYLGEPVTEAVITVPAYFNDAQR.Q	31
PHEAT+140	proteomics_heat	12538	12615	+	1	16	K.TAEDYLGEPVTEAVITVPAYFNDAQR.Q	30

PHEAT+141	proteomics_heat	12538	12618	+	1	2	K.TAEDYLGEVPTEAVITVPAYFNDAQRQ.A	31
PHEAT+142	proteomics_heat	12661	12726	+	1	2	K.RIINEPTAAALAYGLDKGTGNR.T	26
PHEAT+143	proteomics_heat	12661	12711	+	1	12	K.RIINEPTAAALAYGLDK.G	21
PHEAT+144	proteomics_heat	12664	12711	+	1	17	R.IINEPTAAALAYGLDK.G	20
PHEAT+145	proteomics_heat	12805	12867	+	1	17	K.TFEVLATNGDTHLGGEDFDSR.L	25
PHEAT+146	proteomics_heat	12868	12900	+	1	20	R.LINYLVVEEFK.D	15
PHEAT+147	proteomics_heat	12868	12897	+	1	2	R.LINYLVVEEFK.K	14
PHEAT+148	proteomics_heat	12898	12921	+	1	2	K.KDQGIDLR.N	12
PHEAT+149	proteomics_heat	12922	12945	+	1	5	R.NDPLAMQR.L	12
PHEAT+150	proteomics_heat	12967	13044	+	1	20	K.AKIELSSAQQTVDNLPYITADATGPK.H	30
PHEAT+151	proteomics_heat	12973	13044	+	1	27	K.IELSSAQQTVDNLPYITADATGPK.H	28
PHEAT+152	proteomics_heat	13006	13044	+	1	2	V.NLPYITADATGPK.H	17
PHEAT+153	proteomics_heat	13069	13107	+	1	33	R.AKLESLVEDLVNR.S	17
PHEAT+154	proteomics_heat	13108	13197	+	1	13	R.SIEPLKVALQDAGLSVSDIDDVILVGGQTR.M	34
PHEAT+155	proteomics_heat	13126	13197	+	1	49	K.VALQDAGLSVSDIDDVILVGGQTR.M	28
PHEAT+156	proteomics_heat	13198	13215	+	1	2	R.MPMVQK.K	10
PHEAT+157	proteomics_heat	13216	13239	+	1	4	K.KVAEFFGK.E	12
PHEAT+158	proteomics_heat	13219	13248	+	1	7	K.VAEFFGKEPR.K	14
PHEAT+159	proteomics_heat	13249	13323	+	1	42	R.KDVNPDEAVAIGA AVQGGVLTGDVK.D	29
PHEAT+160	proteomics_heat	13252	13323	+	1	5	K.DVNPDEAVAIGA AVQGGVLTGDVK.D	28
PHEAT+161	proteomics_heat	13324	13404	+	1	149	K.DVLLLDVTPLSLGIETMGGVMTTLIAK.N	31
PHEAT+162	proteomics_heat	13426	13497	+	1	710	K.HSQVFSTAEDNQS AVTIHVLQGER.K	28
PHEAT+163	proteomics_heat	13426	13479	+	1	9	K.HSQVFSTAEDNQS AVTIH.V	22
PHEAT+164	proteomics_heat	13519	13563	+	1	12	K.SLGQFNLDGINPAPR.G	19
PHEAT+165	proteomics_heat	13564	13629	+	1	94	R.GMPQIEVTFDIDADGILHVS AK.D	26
PHEAT+166	proteomics_heat	13669	13704	+	1	9	K.ASSGLNEDEIQK.M	16
PHEAT+167	proteomics_heat	13714	13770	+	1	9	R.DAEANAEADR KFEELVQTR.N	23
PHEAT+168	proteomics_heat	13714	13743	+	1	11	R.DAEANAEADR.K	14
PHEAT+169	proteomics_heat	13744	13770	+	1	6	R.KFEELVQTR.N	13
PHEAT+170	proteomics_heat	13747	13770	+	1	2	K.FEELVQTR.N	12
PHEAT+171	proteomics_heat	13771	13803	+	1	5	R.NQGDHLLHSTR.K	15
PHEAT+172	proteomics_heat	13804	13848	+	1	3	R.KQVEEAGDKLPADDK.T	19
PHEAT+173	proteomics_heat	13804	13923	+	1	13	R.KQVEEAGDKLPADDKTAIESALTALETALKGEDKAAIEAK.M	44
PHEAT+174	proteomics_heat	13804	13905	+	1	19	R.KQVEEAGDKLPADDKTAIESALTALETALKGEDK.A	38
PHEAT+175	proteomics_heat	13804	13893	+	1	12	R.KQVEEAGDKLPADDKTAIESALTALETALK.G	34
PHEAT+176	proteomics_heat	13807	13905	+	1	2	K.QVEEAGDKLPADDKTAIESALTALETALKGEDK.A	37
PHEAT+177	proteomics_heat	13807	13923	+	1	2	K.QVEEAGDKLPADDKTAIESALTALETALKGEDKAAIEAK.M	43
PHEAT+178	proteomics_heat	13807	13893	+	1	2	K.QVEEAGDKLPADDKTAIESALTALETALK.G	33
PHEAT+179	proteomics_heat	13831	13905	+	1	2	K.LPADDKTAIESALTALETALKGEDK.A	29
PHEAT+180	proteomics_heat	13837	13905	+	1	14	P.ADDKTAIESALTALETALKGEDK.A	27
PHEAT+181	proteomics_heat	13849	13923	+	1	5	K.TAIESALTALETALKGEDKAAIEAK.M	29
PHEAT+182	proteomics_heat	13849	13905	+	1	4	K.TAIESALTALETALKGEDK.A	23
PHEAT+183	proteomics_heat	13855	13905	+	1	2	A.IESALTALETALKGEDK.A	21
PHEAT+184	proteomics_heat	13924	13953	+	1	9	K.MQELAQVSQK.L	14
PHEAT+185	proteomics_heat	13954	14028	+	1	5	K.LMEIAQQQHAQQQTAGADASANNAK.D	29
PHEAT+186	proteomics_heat	13954	14067	+	1	4	K.LMEIAQQQHAQQQTAGADASANNAKDDDVVDAEFEEVK.D	42

PHEAT+187	proteomics_heat	14029	14076	+	1	5	K.DDDVDAEFEEVKDKK.-	20
PHEAT+188	proteomics_heat	14029	14067	+	1	9	K.DDDVDAEFEEVK.D	17
PHEAT+189	proteomics_heat	14171	14209	+	2	7	M.AKQDYEILGVSK.T	17
PHEAT+190	proteomics_heat	14321	14356	+	2	3	K.EAYEVLTD SQK.R.A	16
PHEAT+191	proteomics_heat	14321	14353	+	2	2	K.EAYEVLTD SQK.R	15
PHEAT+192	proteomics_heat	14579	14686	+	2	3	R.IPTLEECDVCHGSGAKPGTQPQTCTCHGSGQVQMR.Q	40
PHEAT+193	proteomics_heat	14687	14734	+	2	5	R.QGFFAVQQTCPHCQGR.G	20
PHEAT+194	proteomics_heat	14699	14734	+	2	2	F.AVQQTCPHCQGR.G	16
PHEAT+195	proteomics_heat	14735	14764	+	2	5	R.GTLIKDPCNK.C	14
PHEAT+196	proteomics_heat	14813	14842	+	2	7	K.IPAGVDTGDR.I	14
PHEAT+197	proteomics_heat	14849	14920	+	2	4	R.LAGEGEAGEHGAPAGDLYVQVQVK.Q	28
PHEAT+198	proteomics_heat	14942	15031	+	2	13	R.EGNNLYCEVPINFAMAALGGEIEVPTLDGR.V	34
PHEAT+199	proteomics_heat	15038	15070	+	2	8	K.LKVPGETQTGK.L	15
PHEAT+200	proteomics_heat	15110	15139	+	2	4	R.GGAQGDLLCR.V	14
PHEAT+201	proteomics_heat	15140	15175	+	2	3	R.VVETPVGLNER.Q	16
PHEAT+202	proteomics_heat	15176	15244	+	2	4	R.QKQLLQELQESFGGPTGEHNSPR.S	27
PHEAT+203	proteomics_heat	15182	15244	+	2	7	K.QLLQELQESFGGPTGEHNSPR.S	25
PHEAT+204	proteomics_heat	15445	15522	+	1	3	P.MNYSHDNWSAILAHIGKPEELDTSAR.N	30
PHEAT+205	proteomics_heat	15445	15522	+	1	3	P.MNYSHDNWSAILAHIGKPEELDTSAR.N	30
PHEAT+206	proteomics_heat	15445	15522	+	1	3	P.MNYSHDNWSAILAHIGKPEELDTSAR.N	30
PHEAT+207	proteomics_heat	21422	21496	+	2	4	R.GIHNSQAPQEGCVLTIGNFDGVHR.G	29
PHEAT+208	proteomics_heat	21701	21748	+	2	2	R.FAALTAQNFISDLLVK.H	20
PHEAT+209	proteomics_heat	21917	21988	+	2	3	R.QALADDNLALAESLLGHPFAISGR.V	28
PHEAT+210	proteomics_heat	21989	22015	+	2	3	R.VVHGDELGR.T	13
PHEAT+211	proteomics_heat	22406	22444	+	2	3	K.STLNLPETGFPMR.G	17
PHEAT+212	proteomics_heat	22484	22516	+	2	4	R.WTDDDLYGIIR.A	15
PHEAT+213	proteomics_heat	22538	22606	+	2	10	K.TFILHDGPPYANGSIHIGHSVNK.I	27
PHEAT+214	proteomics_heat	22538	22594	+	2	2	K.TFILHDGPPYANGSIHIGH.S	23
PHEAT+215	proteomics_heat	22631	22705	+	2	3	K.SKGLSGYDSPYVPGWDCHGLPIELK.V	29
PHEAT+216	proteomics_heat	22637	22705	+	2	3	K.GLSGYDSPYVPGWDCHGLPIELK.V	27
PHEAT+217	proteomics_heat	22706	22738	+	2	5	K.VEQEYKPKGEK.F	15
PHEAT+218	proteomics_heat	22766	22804	+	2	3	K.CREYAATQVDGQR.K	17
PHEAT+219	proteomics_heat	22772	22804	+	2	9	R.EYAATQVDGQR.K	15
PHEAT+220	proteomics_heat	22820	22870	+	2	6	R.LGVLDGWSHPYLTMDFK.T	21
PHEAT+221	proteomics_heat	23006	23059	+	2	7	K.TSPSIDVAFQAVDQDALK.A	22
PHEAT+222	proteomics_heat	23066	23143	+	2	8	K.FAVSNVNGPISLVIWTTTPWTL PANR.A	30
PHEAT+223	proteomics_heat	23144	23215	+	2	43	R.AISIAPDFDYALVQIDGQAVILAK.D	28
PHEAT+224	proteomics_heat	23216	23242	+	2	3	K.DLVESVMQR.I	13
PHEAT+225	proteomics_heat	23243	23281	+	2	5	R.IGVTDYTIILGTVK.G	17
PHEAT+226	proteomics_heat	23435	23524	+	2	10	K.YGLETANPVGPDGTYLPGTYP TLDGVNVFK.A	34
PHEAT+227	proteomics_heat	23525	23560	+	2	5	K.ANDIVVALLQEK.G	16
PHEAT+228	proteomics_heat	23561	23584	+	2	3	K.GALLHVEK.M	12
PHEAT+229	proteomics_heat	23639	23674	+	2	4	R.ATPQWFVSM DQK.G	16
PHEAT+230	proteomics_heat	23708	23743	+	2	4	K.GVQWIPDWGQAR.I	16
PHEAT+231	proteomics_heat	23744	23788	+	2	5	R.IESMVANRPDWCISR.Q	19
PHEAT+232	proteomics_heat	23795	23830	+	2	3	R.TWGVPM S L F V H K . D	16

PHEAT+233	proteomics_heat	23855	23884	+	2	3	R.TLELMEEVAK.R	14
PHEAT+234	proteomics_heat	23885	23932	+	2	18	K.RVEVDGIQAWWDLDAK.E	20
PHEAT+235	proteomics_heat	23888	23932	+	2	3	R.VEVDGIQAWWDLDAK.E	19
PHEAT+236	proteomics_heat	23933	23968	+	2	4	K.EILGDEADQYVK.V	16
PHEAT+237	proteomics_heat	24152	24193	+	2	6	R.QVLTHGFTVDGQGR.K	18
PHEAT+238	proteomics_heat	24206	24247	+	2	4	K.SIGNTVSPQDVMNK.L	18
PHEAT+239	proteomics_heat	24371	24448	+	2	6	R.FLLANLNGFDPAKDMVKPEEMVVLDR.W	30
PHEAT+240	proteomics_heat	24410	24448	+	2	2	K.DMVKPEEMVVLDR.W	17
PHEAT+241	proteomics_heat	24470	24493	+	2	3	K.AAQEDILK.A	12
PHEAT+242	proteomics_heat	24494	24532	+	2	9	K.AYEAYDFHEVVQR.L	17
PHEAT+243	proteomics_heat	24542	24586	+	2	3	R.FCSVEMGSFYLDIIK.D	19
PHEAT+244	proteomics_heat	24629	24673	+	2	16	R.SCQTALYHIAEALVR.W	19
PHEAT+245	proteomics_heat	24632	24673	+	2	4	S.CQTALYHIAEALVR.W	18
PHEAT+246	proteomics_heat	24674	24736	+	2	23	R.WMAPILSFTADEVWGYLPGER.E	25
PHEAT+247	proteomics_heat	24884	24943	+	2	14	K.VGGSLEAAVTLYAEPELSAK.L	24
PHEAT+248	proteomics_heat	24944	24970	+	2	3	K.LTALGDEL.R.F	13
PHEAT+249	proteomics_heat	24971	25051	+	2	18	R.FVLLTSGATVADYNDAPADAQQSEVLK.G	31
PHEAT+250	proteomics_heat	25016	25051	+	2	2	D.APADAQQSEVLK.G	16
PHEAT+251	proteomics_heat	25100	25129	+	2	4	R.CWHYTQDVGK.V	14
PHEAT+252	proteomics_heat	25130	25159	+	2	10	K.VAEHAEICGR.C	14
PHEAT+253	proteomics_heat	25160	25195	+	2	2	R.CVSNVAGDGEKR.K	16
PHEAT+254	proteomics_heat	25880	25912	+	2	3	K.LDDGTTAESTR.N	15
PHEAT+255	proteomics_heat	25940	25993	+	2	4	R.LGDASLSEGLEQHLLGLK.V	22
PHEAT+256	proteomics_heat	26006	26077	+	2	4	K.TTFSLEPDAAFGVPSPLIQYFSR.R	28
PHEAT+257	proteomics_heat	26328	26384	+	3	6	R.AISIVENALAIYGAPIYVR.H	23
PHEAT+258	proteomics_heat	26538	26579	+	3	3	R.DLTVFDATCPLVTK.V	18
PHEAT+259	proteomics_heat	26853	26885	+	3	3	R.KDDICYATTNR.Q	15
PHEAT+260	proteomics_heat	27120	27164	+	3	2	R.LQQLGGGEAIPLEGR.E	19
PHEAT+261	proteomics_heat	27434	27508	+	2	3	R.NALQLLHFWNAEIPLAQGAAPLVR.A	29
PHEAT+262	proteomics_heat	27632	27724	+	2	2	R.APEPVTLVAIGPLTNIALLSQCPECKPYIR.R	35
PHEAT+263	proteomics_heat	28374	28394	+	3	3	A.MHDANIR.V	11
PHEAT+264	proteomics_heat	28431	28490	+	3	58	R.QLIQAALALEGVQLGAALER.E	24
PHEAT+265	proteomics_heat	28491	28544	+	3	11	R.EGSSLLGSDAGELAGAGK.T	22
PHEAT+266	proteomics_heat	28494	28583	+	3	4	E.GSSLLGSDAGELAGAGKTGVTVQSSLDVAVK.D	34
PHEAT+267	proteomics_heat	28545	28652	+	3	3	K.TGVTVQSSLDVAVKDDFDVFIDFTRPEGLNHLAF.C	40
PHEAT+268	proteomics_heat	28545	28646	+	3	3	K.TGVTVQSSLDVAVKDDFDVFIDFTRPEGLNHLAF.C	38
PHEAT+269	proteomics_heat	28665	28706	+	3	4	K.GMVIGTTGFDEAGK.Q	18
PHEAT+270	proteomics_heat	28809	28856	+	3	14	K.VMGDYTDIEIEAHR.H	20
PHEAT+271	proteomics_heat	28857	28934	+	3	5	R.HKVDAPSGTALAMGEAIAHALDKDLK.D	30
PHEAT+272	proteomics_heat	28857	28925	+	3	5	R.HKVDAPSGTALAMGEAIAHALDK.D	27
PHEAT+273	proteomics_heat	28935	28955	+	3	4	K.DCAVYSR.E	11
PHEAT+274	proteomics_heat	28956	29009	+	3	3	R.EGHTGERVPGTIGFATVR.A	22
PHEAT+275	proteomics_heat	28977	29009	+	3	5	R.VPGTIGFATVR.A	15
PHEAT+276	proteomics_heat	29010	29063	+	3	15	R.AGDIVGEHTAMFADIGER.L	22
PHEAT+277	proteomics_heat	29094	29120	+	3	4	R.MTFANGAVR.S	13
PHEAT+278	proteomics_heat	29660	29704	+	2	29	K.SALLVLEDGTQFHGR.A	19

PHEAT+279	proteomics_heat	29801	29899	+	2	2	R.QIVTLTYPHIGNVGTNDADDEESSQVHAQGLVIR.D	37
PHEAT+280	proteomics_heat	29900	29929	+	2	2	R.DLPLIASNFR.N	14
PHEAT+281	proteomics_heat	29930	29962	+	2	2	R.NTEDLSSYLKR.H	15
PHEAT+282	proteomics_heat	29963	29998	+	2	21	R.HNIVAIADIDTR.K	16
PHEAT+283	proteomics_heat	29963	30001	+	2	3	R.HNIVAIADIDTRK.L	17
PHEAT+284	proteomics_heat	30020	30088	+	2	3	R.EKGAQNGCIIAGDNPDAALALEK.A	27
PHEAT+285	proteomics_heat	30026	30088	+	2	9	K.GAQNGCIIAGDNPDAALALEK.A	25
PHEAT+286	proteomics_heat	30047	30088	+	2	2	I.IAGDNPDAALALEK.A	18
PHEAT+287	proteomics_heat	30095	30130	+	2	2	R.AFPGLNGMDLAK.E	16
PHEAT+288	proteomics_heat	30206	30259	+	2	5	K.KEDELPFHVVAYDFGAKR.N	22
PHEAT+289	proteomics_heat	30206	30256	+	2	12	K.KEDELPFHVVAYDFGAK.R	21
PHEAT+290	proteomics_heat	30296	30340	+	2	5	R.LTIVPAQTS AEDVLK.M	19
PHEAT+291	proteomics_heat	30341	30421	+	2	8	K.MNPDGIFLSNGPGDPAPCDYAITAIQK.F	31
PHEAT+292	proteomics_heat	30383	30421	+	2	2	D.PAPCDYAITAIQK.F	17
PHEAT+293	proteomics_heat	30386	30496	+	2	23	P.APCDYAITAIQK.FLETDIPVFGICLGHQLLALASGAK.T	41
PHEAT+294	proteomics_heat	30422	30496	+	2	66	K.FLETDIPVFGICLGHQLLALASGAK.T	29
PHEAT+295	proteomics_heat	30440	30496	+	2	2	I.PVFGICLGHQLLALASGAK.T	23
PHEAT+296	proteomics_heat	30557	30628	+	2	23	K.NVVMITAQNHGFVAVDEATLPANLR.V	28
PHEAT+297	proteomics_heat	30641	30676	+	2	4	K.SLFDGTLQGIHR.T	16
PHEAT+298	proteomics_heat	30677	30784	+	2	7	R.TDKPAFSFQGHPEASPGPHDAAPLFDHFIELIEQYR.K	40
PHEAT+299	proteomics_heat	30677	30787	+	2	5	R.TDKPAFSFQGHPEASPGPHDAAPLFDHFIELIEQYR.K	41
PHEAT+300	proteomics_heat	30841	30921	+	1	10	K.SILILGAGPIVIGQACEFDYSGAQACK.A	31
PHEAT+301	proteomics_heat	30922	30945	+	1	3	K.ALREEGYR.V	12
PHEAT+302	proteomics_heat	30946	31041	+	1	5	R.VILVNSNPATIMTDPEMADATYIEPIHWEVVR.K	36
PHEAT+303	proteomics_heat	31057	31128	+	1	14	K.ERPDAVLPTMGGQTALNCALELER.Q	28
PHEAT+304	proteomics_heat	31057	31131	+	1	2	K.ERPDAVLPTMGGQTALNCALELERQ.G	29
PHEAT+305	proteomics_heat	31129	31206	+	1	2	R.QGVLEEFVMTMIGATADAIDKAEDRR.R	30
PHEAT+306	proteomics_heat	31129	31203	+	1	45	R.QGVLEEFVMTMIGATADAIDKAEDR.R	29
PHEAT+307	proteomics_heat	31207	31227	+	1	2	R.RFDVAMK.K	11
PHEAT+308	proteomics_heat	31252	31323	+	1	7	R.SGIAHTMEEALAVAADVGFPCIIIR.P	28
PHEAT+309	proteomics_heat	31252	31371	+	1	3	R.SGIAHTMEEALAVAADVGFPCIIIRPSFTMGGSGGGIAYNR.E	44
PHEAT+310	proteomics_heat	31366	31398	+	1	2	Y.NREEFEEICAR.G	15
PHEAT+311	proteomics_heat	31423	31458	+	1	4	K.ELLIDESLIGWK.E	16
PHEAT+312	proteomics_heat	31459	31482	+	1	2	K.EYEMEVVR.D	12
PHEAT+313	proteomics_heat	31483	31512	+	1	2	R.DKNDNCIIVC.S	14
PHEAT+314	proteomics_heat	31612	31635	+	1	3	R.NASMAVLR.E	12
PHEAT+315	proteomics_heat	31636	31689	+	1	11	R.EIGVETGGSNVQFAVNP.K	22
PHEAT+316	proteomics_heat	31699	31725	+	1	5	R.LVIVEMNPR.V	13
PHEAT+317	proteomics_heat	31792	31845	+	1	33	K.LAVGYTLDELMDITGGR.T	22
PHEAT+318	proteomics_heat	31846	31890	+	1	6	R.TPASFEPSIDYVVT.K.I	19
PHEAT+319	proteomics_heat	31954	31983	+	1	3	K.SVGEVMAIGR.T	14
PHEAT+320	proteomics_heat	32017	32052	+	1	3	R.GLEV GATGFDPK.V	16
PHEAT+321	proteomics_heat	32053	32085	+	1	7	K.VSLDDPEALTK.I	15
PHEAT+322	proteomics_heat	32122	32148	+	1	3	R.IWYIADAFR.A	13
PHEAT+323	proteomics_heat	32149	32196	+	1	6	R.AGLSVDGVFNLTNIDR.W	20
PHEAT+324	proteomics_heat	32197	32229	+	1	3	R.WFLVQIEELVR.L	15



PHEAT+325	proteomics_heat	32242	32286	+	1	7	K.VAEVGITGLNADFLR.Q	19
PHEAT+326	proteomics_heat	32362	32397	+	1	5	K.LRDQYDLHPVYK.R	16
PHEAT+327	proteomics_heat	32368	32397	+	1	3	R.DQYDLHPVYK.R	14
PHEAT+328	proteomics_heat	32398	32493	+	1	2	K.RVDTCAAEFATDTAYMYSTYEEEECEANPSTDR.E	36
PHEAT+329	proteomics_heat	32401	32493	+	1	3	R.VDTCAAEFATDTAYMYSTYEEEECEANPSTDR.E	35
PHEAT+330	proteomics_heat	32500	32529	+	1	3	K.IMVLGGGPNR.I	14
PHEAT+331	proteomics_heat	32587	32661	+	1	21	R.EDGYETIMVNCNPETVSTDYDTSR.L	29
PHEAT+332	proteomics_heat	32611	32661	+	1	7	M.VNCNPETVSTDYDTSR.L	21
PHEAT+333	proteomics_heat	32662	32709	+	1	96	R.LYFEPVTLEDVLEIVR.I	20
PHEAT+334	proteomics_heat	32725	32763	+	1	8	K.GVIVQYGGQTPLK.L	17
PHEAT+335	proteomics_heat	32773	32829	+	1	9	R.ALEAAGVPVIGTSPDAIDR.A	23
PHEAT+336	proteomics_heat	32851	32928	+	1	3	F.QHAVERLKLKQPANATVTAIEMAVEK.A	30
PHEAT+337	proteomics_heat	32875	32928	+	1	28	K.LKQPANATVTAIEMAVEK.A	22
PHEAT+338	proteomics_heat	32881	32928	+	1	2	K.QPANATVTAIEMAVEK.A	20
PHEAT+339	proteomics_heat	32929	32985	+	1	3	K.AKEIGYPLVVRPSYVLGGR.A	23
PHEAT+340	proteomics_heat	32935	32985	+	1	3	K.EIGYPLVVRPSYVLGGR.A	21
PHEAT+341	proteomics_heat	32962	32985	+	1	2	R.PSYVLGGR.A	12
PHEAT+342	proteomics_heat	32986	33024	+	1	4	R.AMEIVYDEADLRR.Y	17
PHEAT+343	proteomics_heat	33286	33315	+	1	3	R.GLMNVQFAVK.N	14
PHEAT+344	proteomics_heat	33316	33351	+	1	8	K.NNEVYLIEVNP.R.A	16
PHEAT+345	proteomics_heat	33433	33459	+	1	3	K.SLAEQGVTK.E	13
PHEAT+346	proteomics_heat	33490	33552	+	1	11	K.EVVLFPNFKPGVDPLLGPENR.S	25
PHEAT+347	proteomics_heat	33508	33552	+	1	3	F.NKFPGVDPLLGPENR.S	19
PHEAT+348	proteomics_heat	33514	33552	+	1	2	K.FPGVDPLLGPENR.S	17
PHEAT+349	proteomics_heat	33583	33606	+	1	2	R.TFAEFAK.A	12
PHEAT+350	proteomics_heat	33607	33639	+	1	4	K.AQLGSNSTMKK.H	15
PHEAT+351	proteomics_heat	33607	33636	+	1	4	K.AQLGSNSTMK.K	14
PHEAT+352	proteomics_heat	33715	33783	+	1	9	K.QGFELDATHGTAIVLGEAGINPR.L	27
PHEAT+353	proteomics_heat	33829	33876	+	1	9	R.IKNGEYTYIINTTSGR.R	20
PHEAT+354	proteomics_heat	33835	33876	+	1	6	K.NGEYTYIINTTSGR.R	18
PHEAT+355	proteomics_heat	33928	33999	+	1	16	K.VHYDTTLNGGFATAMALNADATEK.V	28
PHEAT+356	proteomics_heat	34000	34035	+	1	9	K.VISVQEMHAQIK.-	16
PHEAT+357	proteomics_heat	49859	49918	+	2	3	R.VIGMENAMPWNLPADLAWFK.R	24
PHEAT+358	proteomics_heat	49922	49954	+	2	4	R.NTLNKPVIMGR.H	15
PHEAT+359	proteomics_heat	58117	58158	+	1	2	K.QKAQETQQAYELIK.Q	18
PHEAT+360	proteomics_heat	70573	70638	+	1	4	R.EFVCRPGDILLFPPGEIHYYGR.H	26
PHEAT+361	proteomics_heat	81757	81831	+	1	3	R.LAHNLQPSQAAVVARGYQWLRRLHR.N	29
PHEAT+362	proteomics_heat	83023	83061	+	1	124	V.RNVDDGGGTGINRR.F	17
PHEAT+363	proteomics_heat	85690	85776	+	1	14	K.QVFGYPGGAVLDIYDALHTVGGIDHVLVR.H	33
PHEAT+364	proteomics_heat	85777	85818	+	1	3	R.HEQAAVHMADGLAR.A	18
PHEAT+365	proteomics_heat	86029	86061	+	1	3	K.QTEDIPQVLKK.A	15
PHEAT+366	proteomics_heat	86062	86118	+	1	4	K.AFWLAASGRPGPVVVDLPK.D	23
PHEAT+367	proteomics_heat	86119	86178	+	1	2	K.DILNPANKLPYVWPESVSMR.S	24
PHEAT+368	proteomics_heat	86119	86142	+	1	2	K.DILNPANK.L	12
PHEAT+369	proteomics_heat	86143	86178	+	1	3	K.LPYVWPESVSMR.S	16
PHEAT+370	proteomics_heat	86179	86208	+	1	3	R.SYNPTTTGHK.G	14

PHEAT+371	proteomics_heat	86251	86298	+	1	2	K.KPVVVVGGGAITAGCH.Q	20
PHEAT+372	proteomics_heat	86311	86385	+	1	9	K.ETVEALNLPVVCSLMGLGAFPATHR.Q	29
PHEAT+373	proteomics_heat	86509	86565	+	1	2	K.YCPNATVLHIDIDPTSISK.T	23
PHEAT+374	proteomics_heat	86566	86604	+	1	2	K.TVTADIPIVG DAR.Q	17
PHEAT+375	proteomics_heat	86605	86673	+	1	2	R.QVLEQMLELLSQESAHPLEIR.D	27
PHEAT+376	proteomics_heat	86743	86778	+	1	6	K.IKPQAVIETLWR.L	16
PHEAT+377	proteomics_heat	86779	86826	+	1	2	R.LTKGDAYVTS DVGQHQ.M	20
PHEAT+378	proteomics_heat	86788	86865	+	1	5	K.GDAYVTS DVGQHQMF AALYYPFDKPR.R	30
PHEAT+379	proteomics_heat	86869	86931	+	1	9	R.WINSGGLGTMGFGLPAALGVK.M	25
PHEAT+380	proteomics_heat	87076	87105	+	1	2	K.QWQDMIYSGR.H	14
PHEAT+381	proteomics_heat	87106	87147	+	1	13	R.HSQSYMQLPDFVR.L	18
PHEAT+382	proteomics_heat	87148	87210	+	1	3	R.LAEAYGHVGIQISHPHELESK.L	25
PHEAT+383	proteomics_heat	87211	87237	+	1	2	K.LSEALEQVR.N	13
PHEAT+384	proteomics_heat	87307	87339	+	1	2	R.GGGMDEMWLSK.T	15
PHEAT+385	proteomics_heat	87366	87410	+	3	2	R.ILSVLLENESGALSR.V	19
PHEAT+386	proteomics_heat	87435	87491	+	3	4	R.GYNIESLTVAPTDDPTLSR.M	23
PHEAT+387	proteomics_heat	87522	87542	+	3	2	K.VLEQIEK.Q	11
PHEAT+388	proteomics_heat	87573	87608	+	3	8	R.VSELGQGAHVER.E	16
PHEAT+389	proteomics_heat	87627	87662	+	3	2	K.IQASGYGRDEVK.R	16
PHEAT+390	proteomics_heat	87684	87746	+	3	4	R.GQIIDVTPSLYTVQLAGTSGK.L	25
PHEAT+391	proteomics_heat	88214	88261	+	2	2	R.SIGLVIPDLENTSYTR.I	20
PHEAT+392	proteomics_heat	88487	88552	+	2	2	R.EHFTSVVGADQDDAEMLAEELR.K	26
PHEAT+393	proteomics_heat	88553	88618	+	2	2	R.KFPAETVLYLGALPELSVSFLR.E	26
PHEAT+394	proteomics_heat	88658	88693	+	2	2	R.EVHFLYANSYER.E	16
PHEAT+395	proteomics_heat	88808	88903	+	2	5	R.DGKLPSDLAIATFGDNELLDFLQCPVLAQAQR.H	36
PHEAT+396	proteomics_heat	88817	88903	+	2	4	K.LPSDLAIATFGDNELLDFLQCPVLAQAQR.H	33
PHEAT+397	proteomics_heat	89859	89906	+	3	3	R.LLLGHASECQMDGAGR.L	20
PHEAT+398	proteomics_heat	90024	90071	+	3	3	K.EDIDAEQLATGDL SER.L	20
PHEAT+399	proteomics_heat	90112	90195	+	1	5	K.HTTVLLDEAVNGLNIRPDGIYIDGTFGR.G	32
PHEAT+400	proteomics_heat	90244	90288	+	1	4	R.LLAIDRDPQAI AVAK.T	19
PHEAT+401	proteomics_heat	90307	90360	+	1	4	R.FSIIHGPF SALGEYVAER.D	22
PHEAT+402	proteomics_heat	90376	90435	+	1	3	K.IDGILLDLGVSSPQLDDAER.G	24
PHEAT+403	proteomics_heat	90490	90552	+	1	4	R.GQSAAEWLQTAE EADIAWVLK.T	25
PHEAT+404	proteomics_heat	90631	90681	+	1	4	R.TKELAEVVAAATPVKDK.F	21
PHEAT+405	proteomics_heat	90721	90765	+	1	2	R.IWVNSELEEIEQALK.S	19
PHEAT+406	proteomics_heat	90799	90834	+	1	2	R.LSII SFHSLEDR.I	16
PHEAT+407	proteomics_heat	90868	90915	+	1	3	R.GPQVPAGLPMTEEQLK.K	20
PHEAT+408	proteomics_heat	90952	90990	+	1	2	K.LMPGEEVAENPR.A	17
PHEAT+409	proteomics_heat	91278	91319	+	3	2	R.NLILEENALGDHSR.V	18
PHEAT+410	proteomics_heat	91344	91394	+	3	3	K.LMQMHVDP SQENIVVQK.-	21
PHEAT+411	proteomics_heat	93187	93225	+	1	2	R.DLLAPWVPDAPSR.A	17
PHEAT+412	proteomics_heat	93264	93341	+	3	4	C.GGRSLCSCSRSSGGRASIYPAGDSAR.C	30
PHEAT+413	proteomics_heat	93313	93396	+	1	2	R.RYIPQAI AQGVAAIIAEAKDEATDGEIR.E	32
PHEAT+414	proteomics_heat	93316	93369	+	1	6	R.YIPQAI AQGVAAIIAEAK.D	22
PHEAT+415	proteomics_heat	93316	93396	+	1	3	R.YIPQAI AQGVAAIIAEAKDEATDGEIR.E	31
PHEAT+416	proteomics_heat	93397	93444	+	1	6	R.EMHGVPVIYLSQLNER.L	20

PHEAT+417	proteomics_heat	93466	93495	+	1	4	R.FYHEPSDNL.R.L	14
PHEAT+418	proteomics_heat	93793	93840	+	1	4	R.DHLDYHGDMEHYEA.AK.W	20
PHEAT+419	proteomics_heat	93991	94032	+	1	4	K.ATEVNYHDSGATIR.F	18
PHEAT+420	proteomics_heat	94384	94416	+	1	3	A.DVAVVTDDNPR.T	15
PHEAT+421	proteomics_heat	94432	94482	+	1	2	R.AIINDILAGMLDAGHAK.V	21
PHEAT+422	proteomics_heat	94564	94599	+	1	4	K.GHEDYQIVGNQR.L	16
PHEAT+423	proteomics_heat	94824	94892	+	3	7	K.AGGAGALLVSRPLDIDLPLQ.LIVK.D	27
PHEAT+424	proteomics_heat	94953	94982	+	3	3	R.VVALTGSSGK.T	14
PHEAT+425	proteomics_heat	95490	95561	+	3	9	R.HNIANALAAAALSMSV.GATLDAIK.A	28
PHEAT+426	proteomics_heat	95712	95789	+	3	2	R.VLVVGDMAELGAESEACHVQVGEAAK.A	30
PHEAT+427	proteomics_heat	95826	95879	+	3	3	K.QSHAISTASGVGEHFADK.T	22
PHEAT+428	proteomics_heat	97201	97245	+	1	3	R.MTPPGLDKLP.EAVER.H	19
PHEAT+429	proteomics_heat	97708	97752	+	1	4	K.VCVVNADDALTMPIR.G	19
PHEAT+430	proteomics_heat	97768	97836	+	1	2	R.CVSFGVNMGDYHLNHQQGETWLR.V	27
PHEAT+431	proteomics_heat	97876	97947	+	1	6	K.LSGQHNYTNALALADAAGLPR.A	28
PHEAT+432	proteomics_heat	97996	98028	+	1	4	R.FEVVLEHNGVR.W	15
PHEAT+433	proteomics_heat	98047	98133	+	1	3	K.ATNVGSTEALNGLHVDGTLHLLGGDGK.S	33
PHEAT+434	proteomics_heat	98203	98274	+	1	2	R.DGAQLAALRPEVAEQ.TETMEQAMR.L	28
PHEAT+435	proteomics_heat	98290	98349	+	1	5	R.VQPGDMVLLSPACASLDQFK.N	24
PHEAT+436	proteomics_heat	99222	99263	+	3	2	R.GELWGGQLGNSVQK.L	18
PHEAT+437	proteomics_heat	99665	99727	+	2	2	R.LMVMAGGTGGHVFPGLAVAHH.L	25
PHEAT+438	proteomics_heat	100073	100132	+	2	2	K.VMQAFPAGFPNAEVVGNPVR.T	24
PHEAT+439	proteomics_heat	100265	100303	+	2	2	K.LGDSVTIWHQSGK.G	17
PHEAT+440	proteomics_heat	100304	100360	+	2	5	K.GSQQSVEQAYAEAGQPQHK.V	23
PHEAT+441	proteomics_heat	100424	100495	+	2	3	R.SGALTVSEIAAAGLPALFVPFQHK.D	28
PHEAT+442	proteomics_heat	101398	101442	+	1	3	K.QTFINFLHNLPHYGR.A	19
PHEAT+443	proteomics_heat	101542	101592	+	1	2	R.VEDYQQIGPQGHFTLLR.Q	21
PHEAT+444	proteomics_heat	101638	101712	+	1	7	R.HNALNAAA.AVAVATEEGIDDEAILR.A	29
PHEAT+445	proteomics_heat	101743	101790	+	1	6	R.RFDLGFPLEPVNGK.S	20
PHEAT+446	proteomics_heat	101791	101856	+	1	5	K.SGTAMLVDDYGHHPTEVDATIK.A	26
PHEAT+447	proteomics_heat	102202	102237	+	1	5	K.LKPQTPEEEQHD.-	16
PHEAT+448	proteomics_heat	102236	102280	+	2	3	M.TDKIAVLLGGTSAER.E	19
PHEAT+449	proteomics_heat	102428	102523	+	2	5	R.GGEDGTLQGMLELMGLPYTGSVGMASALSMDK.L	36
PHEAT+450	proteomics_heat	102536	102589	+	2	5	K.LLWQGAGLPVAPWVALTR.A	22
PHEAT+451	proteomics_heat	102620	102673	+	2	7	K.QLAEISALGLPVIVKPSR.E	22
PHEAT+452	proteomics_heat	102701	102736	+	2	2	K.VVAENALQDALR.L	16
PHEAT+453	proteomics_heat	102737	102775	+	2	4	R.LAFQHDEEV.LIEK.W	17
PHEAT+454	proteomics_heat	102776	102838	+	2	2	K.WLSGPEFTVAILGEEILPSIR.I	25
PHEAT+455	proteomics_heat	102878	102961	+	2	4	K.YLSDETQYFCPAGLEASQEANLQALVLK.A	32
PHEAT+456	proteomics_heat	103097	103132	+	2	2	R.QAGMSFSQLVVR.I	16
PHEAT+457	proteomics_heat	103380	103460	+	3	2	R.QSILALGEPGTFMTQDVNIIQTQIEQR.L	31
PHEAT+458	proteomics_heat	104039	104113	+	2	2	K.VAALVGEVLPDGMVNIIGV.GSCPSR.G	29
PHEAT+459	proteomics_heat	104114	104158	+	2	2	R.GMDKGGVNDLESVVK.C	19
PHEAT+460	proteomics_heat	104240	104332	+	2	3	K.HISCQNEIGMVPISSEEEVTQEDVENVVHTAK.S	35
PHEAT+461	proteomics_heat	104360	104440	+	2	3	R.VLHVIPQEY.AIDYQEGIKNPVGLSGVR.M	31
PHEAT+462	proteomics_heat	104453	104488	+	2	2	K.VHLITCHNDMAK.N	16

PHEAT+463	proteomics_heat	104672	104755	+	2	7	K.VIPYAGNVVTSDIAYAFGTPPSDAEAIK.V	32
PHEAT+464	proteomics_heat	104882	104935	+	2	10	R.YTELLNLVNEEILQLQEK.L	22
PHEAT+465	proteomics_heat	104957	105031	+	2	3	K.HHLAAGIVLTGGAAQIEGLAACQ.R.V	29
PHEAT+466	proteomics_heat	105053	105142	+	2	8	R.IGAPLNITGLTDYAQEPYYSTAVGLLHYGK.E	34
PHEAT+467	proteomics_heat	105143	105181	+	2	6	K.ESHLNGEAEVEKR.V	17
PHEAT+468	proteomics_heat	105305	105346	+	2	2	T.MFEPMELTNDAVIK.V	18
PHEAT+469	proteomics_heat	105347	105397	+	2	8	K.VIGVGGGGNAVEHVMV.R.E	21
PHEAT+470	proteomics_heat	105398	105457	+	2	7	R.ERIEGVEFFAVNTDAQALRK.T	24
PHEAT+471	proteomics_heat	105404	105457	+	2	5	R.IEGVEFFAVNTDAQALRK.T	22
PHEAT+472	proteomics_heat	105404	105454	+	2	2	R.IEGVEFFAVNTDAQALR.K	21
PHEAT+473	proteomics_heat	105455	105502	+	2	5	R.KTAVGQTTIQIGSGITK.G	20
PHEAT+474	proteomics_heat	105458	105502	+	2	5	K.TAVGQTTIQIGSGITK.G	19
PHEAT+475	proteomics_heat	105503	105538	+	2	5	K.GLGAGANPEVGR.N	16
PHEAT+476	proteomics_heat	105572	105667	+	2	7	R.AALEGADMVFIAGMGGGTGTGAAPVVAEVAK.D	36
PHEAT+477	proteomics_heat	105668	105724	+	2	29	K.DLGILTVAVVTKPFNFEGK.K	23
PHEAT+478	proteomics_heat	105731	105769	+	2	4	R.MAFAEQGITELSK.H	17
PHEAT+479	proteomics_heat	105770	105805	+	2	7	K.HVDSLITIPNDK.L	16
PHEAT+480	proteomics_heat	105827	105874	+	2	11	R.GISLLDAFGAANDVLK.G	20
PHEAT+481	proteomics_heat	105875	105946	+	2	11	K.GAVQGIAELITRPLMNVDFADVR.T	28
PHEAT+482	proteomics_heat	105947	106009	+	2	4	R.TVMSEMGYAMMGSGVASGEDR.A	25
PHEAT+483	proteomics_heat	106010	106078	+	2	2	R.AEEAAEMAISPLLEDIDLSGAR.G	27
PHEAT+484	proteomics_heat	106079	106117	+	2	10	R.GVLVNITAGFDLR.L	17
PHEAT+485	proteomics_heat	106118	106153	+	2	6	R.LDEFETVGNTIR.A	16
PHEAT+486	proteomics_heat	106154	106225	+	2	10	R.AFASDNATVVIGTSLDPDMNDEL.R.V	28
PHEAT+487	proteomics_heat	106202	106225	+	2	3	D.PDMNDEL.R.V	12
PHEAT+488	proteomics_heat	106226	106291	+	2	9	R.VTVVATGIGMDKRPEITLVTNK.Q	26
PHEAT+489	proteomics_heat	106262	106291	+	2	6	K.RPEITLVTNK.Q	14
PHEAT+490	proteomics_heat	106292	106318	+	2	3	K.QVQQPVMDR.Y	13
PHEAT+491	proteomics_heat	106319	106372	+	2	3	R.YQQHGMAPLTQEQQPVAK.V	22
PHEAT+492	proteomics_heat	106343	106372	+	2	5	P.LTQEQQPVAK.V	14
PHEAT+493	proteomics_heat	106370	106441	+	2	2	A.KVVNDNAPQTAKEPDYLDIPAFLR.K	28
PHEAT+494	proteomics_heat	106370	106405	+	2	5	A.KVVNDNAPQTAK.E	16
PHEAT+495	proteomics_heat	106373	106441	+	2	4	K.VVNDNAPQTAKEPDYLDIPAFLR.K	27
PHEAT+496	proteomics_heat	106373	106405	+	2	6	K.VVNDNAPQTAK.E	15
PHEAT+497	proteomics_heat	106677	106721	+	3	2	R.RTDLNPPVDFPADAK.S	19
PHEAT+498	proteomics_heat	107145	107168	+	3	2	R.DIEYLQSR.G	12
PHEAT+499	proteomics_heat	108345	108389	+	3	6	R.KVVNIINAMEPEMEK.L	19
PHEAT+500	proteomics_heat	108345	108416	+	3	2	R.KVVNIINAMEPEMEKLSDEELKGGK.T	28
PHEAT+501	proteomics_heat	108438	108494	+	3	3	R.LEKGEVLENIPEAFAVV.R.E	23
PHEAT+502	proteomics_heat	108447	108494	+	3	4	K.GEVLENIPEAFAVV.R.E	20
PHEAT+503	proteomics_heat	108525	108569	+	3	8	R.HFDVQLLGGMVLNER.C	19
PHEAT+504	proteomics_heat	108603	108650	+	3	3	K.TLTATLPAYLNALTGK.G	20
PHEAT+505	proteomics_heat	108651	108692	+	3	11	K.GVHVVTVNDYLAQR.D	18
PHEAT+506	proteomics_heat	108843	108872	+	3	4	R.DNMAFSPEER.V	14
PHEAT+507	proteomics_heat	108882	108938	+	3	7	R.KLHYALVDEVDSILIDEAR.T	23
PHEAT+508	proteomics_heat	108885	108938	+	3	14	K.LHYALVDEVDSILIDEAR.T	22

PHEAT+509	proteomics_heat	108939	108989	+	3	3	R.TPLIISGPAEDSSEMYK.R	21
PHEAT+510	proteomics_heat	108939	108992	+	3	4	R.TPLIISGPAEDSSEMYKR.V	22
PHEAT+511	proteomics_heat	109143	109223	+	3	5	K.EGIMDEGESLYSPANIMLMHHVTAALR.A	31
PHEAT+512	proteomics_heat	109245	109265	+	3	2	R.DVDYIVK.D	11
PHEAT+513	proteomics_heat	109266	109304	+	3	2	K.DGEVIIVDEHTGR.T	17
PHEAT+514	proteomics_heat	109323	109358	+	3	5	R.WSDGLHQAVEAK.E	16
PHEAT+515	proteomics_heat	109359	109424	+	3	2	K.EGVQIQNENQTLASITFQNYFR.L	26
PHEAT+516	proteomics_heat	109437	109496	+	3	3	K.LAGMTGTADTEAFEFSSYK.L	24
PHEAT+517	proteomics_heat	109539	109580	+	3	3	R.KDLPDLVYMTEAEK.I	18
PHEAT+518	proteomics_heat	109542	109580	+	3	3	K.DLPDLVYMTEAEK.I	17
PHEAT+519	proteomics_heat	109581	109613	+	3	5	K.IQAIIEDIKER.T	15
PHEAT+520	proteomics_heat	109725	109805	+	3	20	K.FHANEAAIVAQAGYPAAVTIATNMAGR.G	31
PHEAT+521	proteomics_heat	109806	109886	+	3	31	R.GTDIVLGGSWQAEVAALENPTAEQIEK.I	31
PHEAT+522	proteomics_heat	109911	109961	+	3	17	R.HDAVLEAGGLHIIGTER.H	21
PHEAT+523	proteomics_heat	110103	110135	+	3	2	R.KLGMKPGEAIE.H	15
PHEAT+524	proteomics_heat	110106	110153	+	3	4	K.LGMKPGEAIEHPWVTK.A	20
PHEAT+525	proteomics_heat	110205	110249	+	3	2	R.KQLEYYDDVANDQRR.A	19
PHEAT+526	proteomics_heat	110208	110246	+	3	3	K.QLLEYDDVANDQR.R	17
PHEAT+527	proteomics_heat	110268	110318	+	3	4	R.NELLDVSDVSETINSIR.E	21
PHEAT+528	proteomics_heat	110268	110333	+	3	24	R.NELLDVSDVSETINSIREDVFK.A	26
PHEAT+529	proteomics_heat	110334	110405	+	3	3	K.ATIDAYIPPQSLEEMWDIPGLQER.L	28
PHEAT+530	proteomics_heat	110406	110486	+	3	7	R.LKNDFDLPLIAEWLDKEPELHEETLR.E	31
PHEAT+531	proteomics_heat	110493	110525	+	3	2	R.ILAQSIEVYQR.K	15
PHEAT+532	proteomics_heat	110526	110558	+	3	6	R.KEEVVGAEEMMR.H	15
PHEAT+533	proteomics_heat	110571	110606	+	3	4	K.GVMLQTLDSLWK.E	16
PHEAT+534	proteomics_heat	110607	110636	+	3	6	K.EHLAAMDYLR.Q	14
PHEAT+535	proteomics_heat	110829	110909	+	3	8	R.LAQMQQLSHQDDDSAAAAALAAQTGER.K	31
PHEAT+536	proteomics_heat	113516	113542	+	2	6	K.SRSDVELER.Q	13
PHEAT+537	proteomics_heat	113675	113734	+	2	32	K.HYSVEEWQAFINSSADV LK.H	24
PHEAT+538	proteomics_heat	113735	113779	+	2	10	K.HVMVSTGTSDADFEK.T	19
PHEAT+539	proteomics_heat	113735	113785	+	2	2	K.HVMVSTGTSDADFEKTK.Q	21
PHEAT+540	proteomics_heat	113786	113875	+	2	8	K.QILD LNPALNFVCIDVANGYSEHFVQFVAK.A	34
PHEAT+541	proteomics_heat	113900	113974	+	2	4	K.TICAGNVVTGEMCEELILSGADIVK.V	29
PHEAT+542	proteomics_heat	113975	114010	+	2	3	K.VGIGPGSVCTTR.V	16
PHEAT+543	proteomics_heat	114017	114133	+	2	5	K.TGVGYPQLSAVIECADA AHGLGGMIVSDGGCTTPGDVAK.A	43
PHEAT+544	proteomics_heat	114098	114205	+	2	5	S.DGGCTTPGDVAKAFGGGAD FVMLGGMLAGHEESGGR.I	40
PHEAT+545	proteomics_heat	114134	114205	+	2	12	K.AFGGGAD FVMLGGMLAGHEESGGR.I	28
PHEAT+546	proteomics_heat	114203	114229	+	2	2	G.RIVEENGEK.F	13
PHEAT+547	proteomics_heat	114230	114271	+	2	8	K.FMLFYGMSSSESAMK.R	18
PHEAT+548	proteomics_heat	114275	114301	+	2	4	R.HVGGVAEYR.A	13
PHEAT+549	proteomics_heat	114326	114361	+	2	4	K.LPLRGPVENTAR.D	16
PHEAT+550	proteomics_heat	114383	114412	+	2	9	R.SACTYVGASR.L	14
PHEAT+551	proteomics_heat	119087	119146	+	2	2	E.GTDTLAYTDAQYQQLAAVTR.A	24
PHEAT+552	proteomics_heat	122122	122190	+	1	9	K.LSDVIEQQLEFLILEGTLRPGEK.L	27
PHEAT+553	proteomics_heat	122293	122403	+	1	2	R.QGGGTFVQSSLWQSFSDPLVELLS DHPESQYDLLETR.H	41
PHEAT+554	proteomics_heat	122404	122445	+	1	2	R.HALEGIAAYYAALR.S	18

PHEAT+555	proteomics_heat	122704	122745	+	1	4	R.IFEAIMAGKPEAR.E	18
PHEAT+556	proteomics_heat	122761	122796	+	1	2	R.HLAFIEEILLDR.S	16
PHEAT+557	proteomics_heat	123020	123061	+	2	15	M.SERFPNDVDPIETR.D	18
PHEAT+558	proteomics_heat	123029	123061	+	2	4	R.FPNDVDPIETR.D	15
PHEAT+559	proteomics_heat	123062	123112	+	2	16	R.DWLQAIESVIREEGVER.A	21
PHEAT+560	proteomics_heat	123062	123094	+	2	26	R.DWLQAIESVIR.E	15
PHEAT+561	proteomics_heat	123113	123151	+	2	19	R.AQYLIDQLLAEAR.K	17
PHEAT+562	proteomics_heat	123152	123256	+	2	5	R.KGGVNVAAGTGISNYINTIPVEEQPEYPGNLELER.R	39
PHEAT+563	proteomics_heat	123152	123202	+	2	2	R.KGGVNVAAGTGISNYIN.T	21
PHEAT+564	proteomics_heat	123155	123256	+	2	2	K.GGVNVAAGTGISNYINTIPVEEQPEYPGNLELER.R	38
PHEAT+565	proteomics_heat	123278	123304	+	2	5	R.WNAIMTVLR.A	13
PHEAT+566	proteomics_heat	123314	123397	+	2	3	K.KDLELGGHMASFQSSATIYDVCFNHFFR.A	32
PHEAT+567	proteomics_heat	123317	123337	+	2	2	K.DLELGGH.M	11
PHEAT+568	proteomics_heat	123317	123352	+	2	2	K.DLELGGHMASFQ.S	16
PHEAT+569	proteomics_heat	123317	123397	+	2	12	K.DLELGGHMASFQSSATIYDVCFNHFFR.A	31
PHEAT+570	proteomics_heat	123326	123397	+	2	4	E.LGGHMASFQSSATIYDVCFNHFFR.A	28
PHEAT+571	proteomics_heat	123353	123397	+	2	10	Q.SSATIYDVCFNHFFR.A	19
PHEAT+572	proteomics_heat	123398	123469	+	2	16	R.ARNEQDGGDLVYFQGHISPGVYAR.A	28
PHEAT+573	proteomics_heat	123398	123445	+	2	2	R.ARNEQDGGDLVYFQGH.I	20
PHEAT+574	proteomics_heat	123404	123469	+	2	10	R.NEQDGGDLVYFQGHISPGVYAR.A	26
PHEAT+575	proteomics_heat	123404	123445	+	2	2	R.NEQDGGDLVYFQGH.I	18
PHEAT+576	proteomics_heat	123488	123562	+	2	9	R.LTQEQLDNFRQEVHGNGLSSYPHPK.L	29
PHEAT+577	proteomics_heat	123488	123517	+	2	7	R.LTQEQLDNFR.Q	14
PHEAT+578	proteomics_heat	123518	123562	+	2	3	R.QEVHGNGLSSYPHPK.L	19
PHEAT+579	proteomics_heat	123563	123637	+	2	19	K.LMPEFWQFPTVSMGLGPIGAIYQAK.F	29
PHEAT+580	proteomics_heat	123584	123637	+	2	2	Q.FPTVSMGLGPIGAIYQAK.F	22
PHEAT+581	proteomics_heat	123683	123736	+	2	8	K.QTVYAFLGDGEMDEPESK.G	22
PHEAT+582	proteomics_heat	123707	123736	+	2	2	G.DGEMDEPESK.G	14
PHEAT+583	proteomics_heat	123737	123760	+	2	3	K.GAITIATR.E	12
PHEAT+584	proteomics_heat	123761	123808	+	2	40	R.EKLDNLVVFVINCNLQR.L	20
PHEAT+585	proteomics_heat	123767	123808	+	2	5	K.LDNLVVFVINCNLQR.L	18
PHEAT+586	proteomics_heat	123809	123838	+	2	6	R.LDGPVTGNGK.I	14
PHEAT+587	proteomics_heat	123839	123892	+	2	176	K.IINELEGIFEGAGWNVIK.V	22
PHEAT+588	proteomics_heat	123947	123997	+	2	19	K.LIQLMNETVDGDYQTFK.S	21
PHEAT+589	proteomics_heat	124022	124039	+	2	4	R.EHFFGK.Y	10
PHEAT+590	proteomics_heat	124022	124102	+	2	4	R.EHFFGKYPETAALVADWTDEQIWALNR.G	31
PHEAT+591	proteomics_heat	124040	124102	+	2	20	K.YPETAALVADWTDEQIWALNR.G	25
PHEAT+592	proteomics_heat	124160	124186	+	2	2	K.GKATVILAH.T	13
PHEAT+593	proteomics_heat	124166	124195	+	2	11	K.ATVILAHTIK.G	14
PHEAT+594	proteomics_heat	124196	124228	+	2	7	K.GYGMGDAAEGK.N	15
PHEAT+595	proteomics_heat	124250	124273	+	2	2	K.KMNMDGVR.H	12
PHEAT+596	proteomics_heat	124283	124333	+	2	3	R.DRFNVPVSDADIEKLPY.I	21
PHEAT+597	proteomics_heat	124283	124384	+	2	3	R.DRFNVPVSDADIEKLPYITFPEGSEEHTYLHAQR.Q	38
PHEAT+598	proteomics_heat	124283	124324	+	2	2	R.DRFNVPVSDADIEK.L	18
PHEAT+599	proteomics_heat	124289	124384	+	2	4	R.FNVPVSDADIEKLPYITFPEGSEEHTYLHAQR.Q	36
PHEAT+600	proteomics_heat	124325	124384	+	2	5	K.LPYITFPEGSEEHTYLHAQR.Q	24

PHEAT+601	proteomics_heat	124334	124384	+	2	4	Y.ITFPEGSEEHTYLHAQR.Q	21
PHEAT+602	proteomics_heat	124343	124384	+	2	4	F.PEGSEEHTYLHAQR.Q	18
PHEAT+603	proteomics_heat	124391	124414	+	2	2	K.LHGYLPSR.Q	12
PHEAT+604	proteomics_heat	124415	124489	+	2	8	R.QPNFTEKLELPSLQDFGALLEEQSK.E	29
PHEAT+605	proteomics_heat	124436	124489	+	2	24	K.LELPSLQDFGALLEEQSK.E	22
PHEAT+606	proteomics_heat	124436	124519	+	2	48	K.LELPSLQDFGALLEEQSKEISTTIAFVR.A	32
PHEAT+607	proteomics_heat	124490	124519	+	2	4	K.EISTTIAFVR.A	14
PHEAT+608	proteomics_heat	124562	124591	+	2	2	R.LVPIIADEAR.T	14
PHEAT+609	proteomics_heat	124592	124618	+	2	4	R.TFGMEGLFR.Q	13
PHEAT+610	proteomics_heat	124619	124669	+	2	8	R.QIGIYSPNGQQYTPQDR.E	21
PHEAT+611	proteomics_heat	124670	124690	+	2	3	R.EQVAYYK.E	11
PHEAT+612	proteomics_heat	124670	124702	+	2	5	R.EQVAYYKEDK.G	15
PHEAT+613	proteomics_heat	124838	124879	+	2	9	R.IGDLCWAAGDQQAR.G	18
PHEAT+614	proteomics_heat	124880	124909	+	2	2	R.GFLIGGTSGR.T	14
PHEAT+615	proteomics_heat	124910	124969	+	2	4	R.TTLNGEGLQHEDGHSIQSL.T	24
PHEAT+616	proteomics_heat	124982	125047	+	2	5	N.CISYDPAYAYEVAVIMHDGLER.M	26
PHEAT+617	proteomics_heat	125063	125149	+	2	12	K.QENVYYYYITTLNENYHMPAMPEGAEEGIR.K	33
PHEAT+618	proteomics_heat	125063	125152	+	2	14	K.QENVYYYYITTLNENYHMPAMPEGAEEGIRK.G	34
PHEAT+619	proteomics_heat	125153	125188	+	2	10	K.GIYKLETIEGSK.G	16
PHEAT+620	proteomics_heat	125189	125227	+	2	9	K.GKVQLLGGSGSILR.H	17
PHEAT+621	proteomics_heat	125195	125227	+	2	11	K.VQLLGGSGSILR.H	15
PHEAT+622	proteomics_heat	125261	125317	+	2	50	K.DYGVGSDVYSVTSFTELAR.D	23
PHEAT+623	proteomics_heat	125339	125371	+	2	11	R.WNMLHPLETFR.V	15
PHEAT+624	proteomics_heat	125339	125362	+	2	2	R.WNMLHPLE.T	12
PHEAT+625	proteomics_heat	125372	125434	+	2	16	R.VPYIAQVMNDAPAVASTDYMK.L	25
PHEAT+626	proteomics_heat	125381	125434	+	2	2	Y.IAQVMNDAPAVASTDYMK.L	22
PHEAT+627	proteomics_heat	125435	125455	+	2	2	K.LFAEQVR.T	11
PHEAT+628	proteomics_heat	125483	125509	+	2	2	R.VLGTDFGFR.S	13
PHEAT+629	proteomics_heat	125612	125638	+	2	3	K.KVVADAIK.F	13
PHEAT+630	proteomics_heat	125639	125671	+	2	14	K.FNIDADKVNPR.L	15
PHEAT+631	proteomics_heat	125698	125763	+	1	20	M.AIEIKVPDIGADEVEITEILVK.V	26
PHEAT+632	proteomics_heat	125713	125763	+	1	68	K.VPDIGADEVEITEILVK.V	21
PHEAT+633	proteomics_heat	125887	125970	+	1	12	K.TQTGALIMIFDSADGAADAAPAQAEKK.E	32
PHEAT+634	proteomics_heat	125887	125967	+	1	6	K.TQTGALIMIFDSADGAADAAPAQAEKK.K	31
PHEAT+635	proteomics_heat	125920	125967	+	1	2	D.SADGAADAAPAQAEKK.K	20
PHEAT+636	proteomics_heat	125929	125967	+	1	3	D.GAADAAPAQAEKK.K	17
PHEAT+637	proteomics_heat	125968	126012	+	1	8	K.KEAAPAAAPAAAAK.D	19
PHEAT+638	proteomics_heat	125971	126012	+	1	5	K.EAAPAAAPAAAAK.D	18
PHEAT+639	proteomics_heat	126013	126072	+	1	46	K.DVNVPDIGSDEVEITEILVK.V	24
PHEAT+640	proteomics_heat	126022	126072	+	1	2	N.VPDIGSDEVEITEILVK.V	21
PHEAT+641	proteomics_heat	126268	126315	+	1	12	K.QEAAPAAAPAPAAGVK.E	20
PHEAT+642	proteomics_heat	126280	126315	+	1	2	A.PAAAPAPAAGVK.E	16
PHEAT+643	proteomics_heat	126316	126375	+	1	11	K.EVNVPDIGGDEVEITEVMVK.V	24
PHEAT+644	proteomics_heat	126472	126504	+	1	2	K.ELKVNVDKVK.T	15
PHEAT+645	proteomics_heat	126481	126504	+	1	3	K.VNVGDKVK.T	12
PHEAT+646	proteomics_heat	126505	126600	+	1	20	K.TGSLIMIFEVEGAAPAAAPAKQEAAPAPAAK.A	36

PHEAT+647	proteomics_heat	126505	126567	+	1	31	K.TGSLIMIFEVEGAAPAAAPAK.Q	25
PHEAT+648	proteomics_heat	126568	126600	+	1	6	K.QEAAAAPAAK.A	15
PHEAT+649	proteomics_heat	126601	126633	+	1	10	K.AEAPAAAPAAK.A	15
PHEAT+650	proteomics_heat	126613	126696	+	1	4	P.AAAPAAKAEGKSEFAENDAYVHATPLIR.R	32
PHEAT+651	proteomics_heat	126634	126696	+	1	3	K.AEGKSEFAENDAYVHATPLIR.R	25
PHEAT+652	proteomics_heat	126646	126696	+	1	17	K.SEFAENDAYVHATPLIR.R	21
PHEAT+653	proteomics_heat	126709	126732	+	1	2	R.EFGVNLAK.V	12
PHEAT+654	proteomics_heat	126760	126792	+	1	17	R.ILREDVQAYVK.E	15
PHEAT+655	proteomics_heat	126760	126810	+	1	2	R.ILREDVQAYVKEAIKRA.E	21
PHEAT+656	proteomics_heat	126805	126867	+	1	11	K.RAEAAPAATGGGIPGMLPWP.K.V	25
PHEAT+657	proteomics_heat	126805	126894	+	1	2	K.RAEAAPAATGGGIPGMLPWP.K.VDFSKEI.E	34
PHEAT+658	proteomics_heat	126808	126867	+	1	9	R.AEAPAAATGGGIPGMLPWP.K.V	24
PHEAT+659	proteomics_heat	126883	126915	+	1	5	K.FGEIEEVELGR.I	15
PHEAT+660	proteomics_heat	126925	126948	+	1	2	K.ISGANLSR.N	12
PHEAT+661	proteomics_heat	126949	126987	+	1	2	R.NWVMIPHVTHFDK.T	17
PHEAT+662	proteomics_heat	126949	127017	+	1	15	R.NWVMIPHVTHFDKTDITELEAFR.K	27
PHEAT+663	proteomics_heat	126949	127020	+	1	4	R.NWVMIPHVTHFDKTDITELEAFR.K.Q	28
PHEAT+664	proteomics_heat	126970	127020	+	1	2	H.VTHFDKTDITELEAFR.Q	21
PHEAT+665	proteomics_heat	126970	127017	+	1	3	H.VTHFDKTDITELEAFR.K	20
PHEAT+666	proteomics_heat	127090	127122	+	1	7	K.AVAAAELQMPR.F	15
PHEAT+667	proteomics_heat	127123	127155	+	1	7	R.FNSSLSEGDQR.L	15
PHEAT+668	proteomics_heat	127168	127230	+	1	7	K.KYINIGVAVDTPNGLVVPVK.D	25
PHEAT+669	proteomics_heat	127171	127230	+	1	22	K.YINIGVAVDTPNGLVVPVK.D	24
PHEAT+670	proteomics_heat	127243	127266	+	1	4	K.KGIIELSR.E	12
PHEAT+671	proteomics_heat	127267	127287	+	1	3	R.ELMTISK.K	11
PHEAT+672	proteomics_heat	127306	127425	+	1	30	K.LTAGEMQGGCFTISSIGGLGTHFAPIVNAPEVAILGVSK.S	44
PHEAT+673	proteomics_heat	127426	127455	+	1	2	K.SAMEPVWNGK.E	14
PHEAT+674	proteomics_heat	127426	127470	+	1	4	K.SAMEPVWNGKEFVPR.L	19
PHEAT+675	proteomics_heat	127471	127506	+	1	5	R.LMLPISLSFDHR.V	16
PHEAT+676	proteomics_heat	127507	127533	+	1	5	R.VIDGADGAR.F	13
PHEAT+677	proteomics_heat	127531	127572	+	1	11	A.RFITIINNTLSDIR.R	18
PHEAT+678	proteomics_heat	127534	127572	+	1	4	R.FITIINNTLSDIR.R	17
PHEAT+679	proteomics_heat	127534	127575	+	1	2	R.FITIINNTLSDIRR.L	18
PHEAT+680	proteomics_heat	127930	127983	+	1	24	K.TQVVVLGAGPAGYSAAFR.C	22
PHEAT+681	proteomics_heat	127984	128022	+	1	6	R.CADLGLETVIVER.Y	17
PHEAT+682	proteomics_heat	128023	128073	+	1	18	R.YNTLGGVCLNVGCIPSK.A	21
PHEAT+683	proteomics_heat	128113	128151	+	1	13	K.ALAEHGIVFGPEK.T	17
PHEAT+684	proteomics_heat	128152	128172	+	1	2	K.TDIDKIR.T	11
PHEAT+685	proteomics_heat	128182	128229	+	1	7	K.EKVINQLTGGLAGMAK.G	20
PHEAT+686	proteomics_heat	128188	128229	+	1	10	K.VINQLTGGLAGMAK.G	18
PHEAT+687	proteomics_heat	128266	128310	+	1	20	K.FTGANTLEVEGENGK.T	19
PHEAT+688	proteomics_heat	128311	128394	+	1	34	K.TVINFDNAIIAAGSRPIQLPFIPHEDPR.I	32
PHEAT+689	proteomics_heat	128311	128355	+	1	2	K.TVINFDNAIIAAGSR.P	19
PHEAT+690	proteomics_heat	128395	128427	+	1	8	R.IWDSTDALELK.E	15
PHEAT+691	proteomics_heat	128395	128442	+	1	2	R.IWDSTDALELKEVPER.L	20
PHEAT+692	proteomics_heat	128443	128496	+	1	26	R.LLVMGGGIIGLEMGTVYH.A	22



PHEAT+693	proteomics_heat	128497	128571	+	1	31	H.ALGSQIDVVMFDQVIPAADKDIVK.V	29
PHEAT+694	proteomics_heat	128596	128622	+	1	14	K.KFNLMLETK.V	13
PHEAT+695	proteomics_heat	128623	128676	+	1	12	K.VTAVEAKEDGIYVTMEGK.K	22
PHEAT+696	proteomics_heat	128644	128676	+	1	9	K.EDGIYVTMEGK.K	15
PHEAT+697	proteomics_heat	128677	128730	+	1	6	K.KAPAEQRYDAVLVAIGR.V	22
PHEAT+698	proteomics_heat	128680	128730	+	1	2	K.APAEQRYDAVLVAIGR.V	21
PHEAT+699	proteomics_heat	128701	128730	+	1	3	R.YDAVLVAIGR.V	14
PHEAT+700	proteomics_heat	128818	128880	+	1	33	R.TNVPHIFAIGDIVGQPMLAHK.G	25
PHEAT+701	proteomics_heat	128818	128874	+	1	2	R.TNVPHIFAIGDIVGQPMLA.H	23
PHEAT+702	proteomics_heat	128833	128880	+	1	2	H.IFAIGDIVGQPMLAHK.G	20
PHEAT+703	proteomics_heat	128881	128925	+	1	10	K.GVHEGHVAAEVIAGK.K	19
PHEAT+704	proteomics_heat	128881	128910	+	1	2	K.GVHEGHVAAE.V	14
PHEAT+705	proteomics_heat	128920	129006	+	1	5	A.GKKHYFDPKVIPSIAYTEPEVAWVGLTEK.E	33
PHEAT+706	proteomics_heat	128947	129006	+	1	12	K.VIPSIAYTEPEVAWVGLTEK.E	24
PHEAT+707	proteomics_heat	128953	129006	+	1	3	I.PSIAYTEPEVAWVGLTEK.E	22
PHEAT+708	proteomics_heat	129016	129069	+	1	5	K.EKGISYETATFPWAASGR.A	22
PHEAT+709	proteomics_heat	129022	129069	+	1	11	K.GISYETATFPWAASGR.A	20
PHEAT+710	proteomics_heat	129070	129105	+	1	17	R.AIASDCADGMTK.L	16
PHEAT+711	proteomics_heat	131651	131719	+	2	16	R.AAEGIAPKPLDANQMAALVELLK.N	27
PHEAT+712	proteomics_heat	131675	131719	+	2	4	K.PLDANQMAALVELLK.N	19
PHEAT+713	proteomics_heat	131693	131770	+	2	6	Q.MAALVELLKNPPAGEEEFLDLLLTNR.V	30
PHEAT+714	proteomics_heat	131720	131770	+	2	24	K.NPPAGEEEFLDLLLTNR.V	21
PHEAT+715	proteomics_heat	131720	131806	+	2	5	K.NPPAGEEEFLDLLLTNRVPPGVDEAAYVK.A	33
PHEAT+716	proteomics_heat	131771	131806	+	2	2	R.VPPGVDEAAYVK.A	16
PHEAT+717	proteomics_heat	131807	131833	+	2	3	K.AGFLAAIAK.G	13
PHEAT+718	proteomics_heat	131846	131869	+	2	9	K.SPLLTPEK.A	12
PHEAT+719	proteomics_heat	131870	131944	+	2	37	K.AIELLGTMQGGYNIHPLIDALDDAK.L	29
PHEAT+720	proteomics_heat	131966	132019	+	2	41	K.ALSHTLLMFDNFYDVEEK.A	22
PHEAT+721	proteomics_heat	132047	132109	+	2	7	K.QVMQSWADA EWFLNRPALAEK.L	25
PHEAT+722	proteomics_heat	132233	132277	+	2	12	R.EGIEPDQPGVVGPIK.Q	19
PHEAT+723	proteomics_heat	132278	132301	+	2	2	K.QIEALQK.G	12
PHEAT+724	proteomics_heat	132299	132352	+	2	5	Q.KGFPLAYVGDVVGTGSSR.K	22
PHEAT+725	proteomics_heat	132302	132352	+	2	13	K.GFPLAYVGDVVGTGSSR.K	21
PHEAT+726	proteomics_heat	132302	132355	+	2	2	K.GFPLAYVGDVVGTGSSRK.S	22
PHEAT+727	proteomics_heat	132353	132418	+	2	3	R.KSATNSVLWFMGDDIPHPNKR.G	26
PHEAT+728	proteomics_heat	132353	132415	+	2	6	R.KSATNSVLWFMGDDIPHPNK.R	25
PHEAT+729	proteomics_heat	132356	132418	+	2	20	K.SATNSVLWFMGDDIPHPNKR.G	25
PHEAT+730	proteomics_heat	132419	132445	+	2	5	R.GGGLCLGGK.I	13
PHEAT+731	proteomics_heat	132446	132553	+	2	3	K.IAPIFFNTMEDAGALPIEVDVSNLNMGDVIDVYPYK.G	40
PHEAT+732	proteomics_heat	132446	132565	+	2	13	K.IAPIFFNTMEDAGALPIEVDVSNLNMGDVIDVYPYKGEVR.N	44
PHEAT+733	proteomics_heat	132491	132565	+	2	3	L.PIEVDVSNLNMGDVIDVYPYKGEVR.N	29
PHEAT+734	proteomics_heat	132503	132565	+	2	2	V.DVSNLNMGDVIDVYPYKGEVR.N	25
PHEAT+735	proteomics_heat	132566	132607	+	2	40	R.NHETGELLATFELK.T	18
PHEAT+736	proteomics_heat	132608	132634	+	2	4	K.TDVLIDEVR.A	13
PHEAT+737	proteomics_heat	132689	132724	+	2	7	R.EALGLPHSDVFR.Q	16
PHEAT+738	proteomics_heat	132803	132835	+	2	9	K.GIRPGAYCEPK.M	15

PHEAT+739	proteomics_heat	132836	132880	+	2	6	K.MTSVGSQDTTGPMT.R.D	19
PHEAT+740	proteomics_heat	132947	133015	+	2	3	H.TAAYPKVDVNTHTLPDFIMNR.G	27
PHEAT+741	proteomics_heat	132965	133015	+	2	3	K.PVDVNTHTLPDFIMNR.G	21
PHEAT+742	proteomics_heat	133016	133069	+	2	11	R.GGVSLRPGDGVVHSLWLN.R.M	22
PHEAT+743	proteomics_heat	133016	133057	+	2	2	R.GGVSLRPGDGVVH.S.W	18
PHEAT+744	proteomics_heat	133016	133054	+	2	2	R.GGVSLRPGDGVVH.S	17
PHEAT+745	proteomics_heat	133070	133117	+	2	7	R.MLLPDTVGTGGDSHTR.F	20
PHEAT+746	proteomics_heat	133070	133165	+	2	3	R.MLLPDTVGTGGDSHTRFPIGISFPAGSGLVAF.A	36
PHEAT+747	proteomics_heat	133118	133219	+	2	26	R.FPIGISFPAGSGLVAFAAATGV MPLDMPESVLR.F	38
PHEAT+748	proteomics_heat	133166	133219	+	2	5	F.AAATGV MPLDMPESVLR.F	22
PHEAT+749	proteomics_heat	133256	133291	+	2	6	R.DLVHAIPLYAIK.Q	16
PHEAT+750	proteomics_heat	133346	133420	+	2	74	R.ILEIEGLPDLKVEQAFELTDASAER.S	29
PHEAT+751	proteomics_heat	133346	133378	+	2	4	R.ILEIEGLPDLK.V	15
PHEAT+752	proteomics_heat	133379	133420	+	2	8	K.VEQAFELTDASAER.S	18
PHEAT+753	proteomics_heat	133445	133498	+	2	52	K.LNKEPIIEYLN.SNIVLLK.W	22
PHEAT+754	proteomics_heat	133445	133477	+	2	3	K.LNKEPIIEYLN.S	15
PHEAT+755	proteomics_heat	133499	133531	+	2	2	K.WMIAEGYD.RR.T	15
PHEAT+756	proteomics_heat	133499	133528	+	2	2	K.WMIAEGYD.R	14
PHEAT+757	proteomics_heat	133718	133768	+	2	29	K.IDEVFIGSCMTNIGHFR.A	21
PHEAT+758	proteomics_heat	133781	133816	+	2	2	K.LLDAHKGQLPTR.L	16
PHEAT+759	proteomics_heat	133841	133891	+	2	27	R.MDAAQLTEEGYYSVFGK.S	21
PHEAT+760	proteomics_heat	133904	133948	+	2	6	R.IEIPGC.SLCMGNQAR.V	19
PHEAT+761	proteomics_heat	133949	133987	+	2	5	R.VADGATVVSTSTR.N	17
PHEAT+762	proteomics_heat	133976	134071	+	2	14	S.TSTRNFPNRLGTGANVFLASAELA.AVAALIGK.L	36
PHEAT+763	proteomics_heat	134003	134071	+	2	929	R.LGTGANVFLASAELA.AVAALIGK.L	27
PHEAT+764	proteomics_heat	134003	134119	+	2	11	R.LGTGANVFLASAELA.AVAALIGK.LPTPEEYQTYVAQVDK.T	43
PHEAT+765	proteomics_heat	134072	134140	+	2	2	K.LPTPEEYQTYVAQVDK.TAVDTYR.Y	27
PHEAT+766	proteomics_heat	134072	134119	+	2	8	K.LPTPEEYQTYVAQVDK.T	20
PHEAT+767	proteomics_heat	134141	134179	+	2	12	R.YLNFNQLSQYTEK.A	17
PHEAT+768	proteomics_heat	137167	137217	+	1	7	A.AERPTLPIPDLTTDAR.N	21
PHEAT+769	proteomics_heat	137224	137268	+	1	4	R.IQLTIGAGQSTFGGK.T	19
PHEAT+770	proteomics_heat	137518	137604	+	1	2	H.GKTGRQVAMGLAGLVVIEDDEILKMLPK.Q	33
PHEAT+771	proteomics_heat	137533	137589	+	1	2	R.QVAMGLAGLVVIEDDEILK.L	23
PHEAT+772	proteomics_heat	137605	137649	+	1	2	K.QWGIDDVPVIVQDKK.F	19
PHEAT+773	proteomics_heat	137605	137646	+	1	2	K.QWGIDDVPVIVQDK.K	18
PHEAT+774	proteomics_heat	137809	137889	+	1	9	R.SLNFATSDNRPLYVIASDGGLLPEPVK.V	31
PHEAT+775	proteomics_heat	137890	137922	+	1	2	K.VSELPVLMGER.F	15
PHEAT+776	proteomics_heat	138037	138129	+	1	8	R.IQP.IAISASGALPDTLSSLPALPSLEGLTVR.K	35
PHEAT+777	proteomics_heat	138133	138192	+	1	4	K.LQLSMDPMLDMMGMQMLMEK.Y	24
PHEAT+778	proteomics_heat	138286	138309	+	1	2	K.FDFHHANK.I	12
PHEAT+779	proteomics_heat	138310	138360	+	1	3	K.INGQAFDMNKPMFAAAK.G	21
PHEAT+780	proteomics_heat	138376	138420	+	1	2	R.WVISGVGDMMLHPFH.I	19
PHEAT+781	proteomics_heat	138442	138480	+	1	2	R.ILENGKPPAAHR.A	17
PHEAT+782	proteomics_heat	138505	138537	+	1	4	K.VEGNVSEVLVK.F	15
PHEAT+783	proteomics_heat	138538	138558	+	1	2	K.FNHDAPK.E	11
PHEAT+784	proteomics_heat	141431	141475	+	2	2	D.MKHTVEVMIPEAEIK.A	19

PHEAT+785	proteomics_heat	141437	141475	+	2	7	K.HTVEVMIPEAEIK.A	17
PHEAT+786	proteomics_heat	141515	141559	+	2	10	R.YKDSGSDMVLVGLLR.G	19
PHEAT+787	proteomics_heat	141593	141664	+	2	2	R.EVQVSHEVDFMTASSYGSGMSTTR.D	28
PHEAT+788	proteomics_heat	141683	141703	+	2	2	K.DLDEDIR.G	11
PHEAT+789	proteomics_heat	141704	141760	+	2	21	R.GKDVLIVEDIIDSGNTLSK.V	23
PHEAT+790	proteomics_heat	141710	141760	+	2	5	K.DVLIVEDIIDSGNTLSK.V	21
PHEAT+791	proteomics_heat	142782	142814	+	3	2	M.TIALELQQLKK.T	15
PHEAT+792	proteomics_heat	143391	143441	+	3	2	R.NIGIIQHGELVENTSMK.A	21
PHEAT+793	proteomics_heat	143457	143495	+	3	2	K.LKSETFILDLPK.S	17
PHEAT+794	proteomics_heat	143571	143636	+	3	5	R.EQGINSVFTQLSEGGIQVLSMR.N	26
PHEAT+795	proteomics_heat	143643	143687	+	3	3	K.ANRLEELFVSLVNEK.Q	19
PHEAT+796	proteomics_heat	159839	159856	+	2	2	R.DVAIAR.E	10
PHEAT+797	proteomics_heat	162108	162203	+	3	5	V.SSLPVAAVLPELLTALDCAPQVLLSAPTGAGK.S	36
PHEAT+798	proteomics_heat	164811	164873	+	3	3	R.YEDDDDDYDDYDDYEDEEPMR.K	25
PHEAT+799	proteomics_heat	165384	165434	+	3	5	R.SGFPDLLVDTLLATEDR.H	21
PHEAT+800	proteomics_heat	165588	165629	+	3	2	R.KANEAYMALIMDAR.Y	18
PHEAT+801	proteomics_heat	165864	165941	+	3	3	R.LLQQQQIIDQELYDMLSARPLGVQPR.G	30
PHEAT+802	proteomics_heat	166125	166166	+	3	2	R.KLSDLETAIVVDR.F	18
PHEAT+803	proteomics_heat	166530	166631	+	3	23	K.DQLHPVPAMLLGALNLTPIEVAQAFQTIASGGNR.A	38
PHEAT+804	proteomics_heat	166710	166769	+	3	3	R.AVPAQAAYLTLWTMQVVQR.G	24
PHEAT+805	proteomics_heat	167598	167675	+	3	7	K.EDTITVTAAPAPQESAWGPAATIAAR.Q	30
PHEAT+806	proteomics_heat	167676	167717	+	3	3	R.QSATGKTDTPIQK.V	18
PHEAT+807	proteomics_heat	167718	167774	+	3	7	K.VPQISVVTAEEMALHQPK.S	23
PHEAT+808	proteomics_heat	167784	167825	+	3	3	K.EALSYPGVSVGTR.G	18
PHEAT+809	proteomics_heat	167826	167861	+	3	4	R.GASNTYDHLIR.G	16
PHEAT+810	proteomics_heat	167862	167912	+	3	4	R.GFAAEGQSQNNYLNLGLK.L	21
PHEAT+811	proteomics_heat	167913	167966	+	3	3	K.LQGNFYNDVIDPYMLER.A	22
PHEAT+812	proteomics_heat	168009	168044	+	3	3	K.SSPGLLNMVSK.R	16
PHEAT+813	proteomics_heat	168045	168083	+	3	4	K.RPTTEPLKEVQFK.A	17
PHEAT+814	proteomics_heat	168084	168161	+	3	16	K.AGTDSLFLQTFDFSDSLDDDGVSYSR.L	30
PHEAT+815	proteomics_heat	168219	168260	+	3	3	R.YAIAPAFTWRPDDK.T	18
PHEAT+816	proteomics_heat	168273	168329	+	3	2	T.FLSYFQNEPETGYGWLPK.E	23
PHEAT+817	proteomics_heat	168363	168395	+	3	4	K.RLPTDFNEGAK.N	15
PHEAT+818	proteomics_heat	168423	168473	+	3	3	K.MVGYSFDHEFNDFTVR.Q	21
PHEAT+819	proteomics_heat	168501	168563	+	3	2	K.TSQNSVYGYGVCSDPANAYSK.Q	25
PHEAT+820	proteomics_heat	168564	168611	+	3	2	K.QCAALAPADKGHYLAR.K	20
PHEAT+821	proteomics_heat	168564	168593	+	3	2	K.QCAALAPADK.G	14
PHEAT+822	proteomics_heat	168612	168674	+	3	8	R.KYVVDEKLQNFVDTQLQSK.F	25
PHEAT+823	proteomics_heat	168615	168674	+	3	2	K.YVVDEKLQNFVDTQLQSK.F	24
PHEAT+824	proteomics_heat	168675	168728	+	3	6	K.FATGIDIDHTLLTGVDVFM.R	22
PHEAT+825	proteomics_heat	168735	168854	+	3	2	R.NDINAWFGYDDSVPLLNLYNPVNTDFDFNAKDPANSGPYR.I	44
PHEAT+826	proteomics_heat	168735	168827	+	3	2	R.NDINAWFGYDDSVPLLNLYNPVNTDFDFNAK.D	35
PHEAT+827	proteomics_heat	168939	168971	+	3	3	R.YDWADQESLNR.V	15
PHEAT+828	proteomics_heat	169020	169106	+	3	3	R.GGVNYLFDNGVTPYFSYSEFEPSSQVGK.D	33
PHEAT+829	proteomics_heat	169107	169133	+	3	3	K.DGNIFAPSK.G	13
PHEAT+830	proteomics_heat	169161	169217	+	3	2	K.YVPEDRPIVVGTGAVYNLTK.T	23

PHEAT+831	proteomics_heat	169218	169280	+	3	2	K.TNNLMADPEGSFFSVEGGEIR.A	25
PHEAT+832	proteomics_heat	169416	169493	+	3	5	K.HMASLWADYTFDFGPLSGLTLGTGGR.Y	30
PHEAT+833	proteomics_heat	169587	169640	+	3	8	R.VGMAGSNVALHVNNLFDR.E	22
PHEAT+834	proteomics_heat	169778	169822	+	2	2	V.MQEYTNHSDTTFALR.N	19
PHEAT+835	proteomics_heat	170980	171063	+	1	2	R.KSLTEMADLLNLQSAETHLAQYEDFIR.S	32
PHEAT+836	proteomics_heat	176613	176663	+	3	7	M.SDDVALPLEFTDAAANK.V	21
PHEAT+837	proteomics_heat	176670	176705	+	3	5	K.SLIADEDNPNLK.L	16
PHEAT+838	proteomics_heat	176802	176891	+	3	36	K.QGVGLVDPMSLQYLVGGSVDYTEGLEGR.F	34
PHEAT+839	proteomics_heat	176892	176918	+	3	4	R.FIVTNPNAK.S	13
PHEAT+840	proteomics_heat	180962	181024	+	2	2	A.AETSSATTAQQMPSLAPMLEK.V	25
PHEAT+841	proteomics_heat	181025	181084	+	2	16	K.VMPSVVSINVEGSTTVNTPR.M	24
PHEAT+842	proteomics_heat	181211	181303	+	2	4	K.FMALGSGVIIDADKGYVVTNNHVVDNATVIK.V	35
PHEAT+843	proteomics_heat	181253	181303	+	2	5	K.GYVVTNNHVVDNATVIK.V	21
PHEAT+844	proteomics_heat	181361	181396	+	2	2	R.SDIALIQIQNPK.N	16
PHEAT+845	proteomics_heat	181415	181438	+	2	2	K.MADSDALR.V	12
PHEAT+846	proteomics_heat	181439	181522	+	2	28	R.VGDYTVAINPFGLETVTSGIVSALGR.S	32
PHEAT+847	proteomics_heat	181706	181744	+	2	9	K.NLTSQMVEYGQVK.R	17
PHEAT+848	proteomics_heat	181706	181747	+	2	2	K.NLTSQMVEYGQVKR.G	18
PHEAT+849	proteomics_heat	181745	181795	+	2	9	K.RGELGIMGTELNSELAK.A	21
PHEAT+850	proteomics_heat	181748	181795	+	2	2	R.GELGIMGTELNSELAK.A	20
PHEAT+851	proteomics_heat	181820	181864	+	2	5	R.GAFVSQVLPNSSAAK.A	19
PHEAT+852	proteomics_heat	181877	181936	+	2	8	K.AGDVITSLNGKPISSFAALR.A	24
PHEAT+853	proteomics_heat	181937	181969	+	2	4	R.AQVGTMPVGSK.L	15
PHEAT+854	proteomics_heat	182099	182134	+	2	3	K.GKDQGVVNNVK.T	16
PHEAT+855	proteomics_heat	182105	182134	+	2	2	K.DQGVVNNVK.T	14
PHEAT+856	proteomics_heat	182168	182209	+	2	5	K.KGDVIIGANQQAVK.N	18
PHEAT+857	proteomics_heat	182231	182275	+	2	3	K.VLDSKPSVLALNIQR.G	19
PHEAT+858	proteomics_heat	189985	190008	+	1	7	K.VHIINLEK.T	12
PHEAT+859	proteomics_heat	190009	190050	+	1	28	K.TVPMFNEALAELENK.I	18
PHEAT+860	proteomics_heat	190072	190092	+	1	4	K.ILFVGTK.R	11
PHEAT+861	proteomics_heat	190093	190158	+	1	2	K.RAASEAVKDAALSCDQFFVNHR.W	26
PHEAT+862	proteomics_heat	190096	190158	+	1	22	R.AASEAVKDAALSCDQFFVNHR.W	25
PHEAT+863	proteomics_heat	190117	190158	+	1	16	K.DAALSCDQFFVNHR.W	18
PHEAT+864	proteomics_heat	190117	190155	+	1	2	K.DAALSCDQFFVNH.R	17
PHEAT+865	proteomics_heat	190159	190188	+	1	16	R.WLGGMLTNWK.T	14
PHEAT+866	proteomics_heat	190210	190257	+	1	4	K.RLKDLETQSQDGTDFK.L	20
PHEAT+867	proteomics_heat	190213	190257	+	1	21	R.LKDLETQSQDGTDFK.L	19
PHEAT+868	proteomics_heat	190213	190266	+	1	16	R.LKDLETQSQDGTDFKLT.K	22
PHEAT+869	proteomics_heat	190213	190269	+	1	6	R.LKDLETQSQDGTDFKLT.K.K	23
PHEAT+870	proteomics_heat	190219	190266	+	1	4	K.DLETQSQDGTDFKLT.K	20
PHEAT+871	proteomics_heat	190219	190257	+	1	34	K.DLETQSQDGTDFK.L	17
PHEAT+872	proteomics_heat	190222	190257	+	1	2	D.LETQSQDGTDFK.L	16
PHEAT+873	proteomics_heat	190285	190329	+	1	4	R.TREKLENSLGGIK.D	19
PHEAT+874	proteomics_heat	190291	190329	+	1	7	R.ELEKLENSLGGIK.D	17
PHEAT+875	proteomics_heat	190303	190395	+	1	9	K.LENSLGGIKDMGGLPDALFVIDADHEHIAIK.E	35
PHEAT+876	proteomics_heat	190303	190329	+	1	4	K.LENSLGGIK.D	13

PHEAT+877	proteomics_heat	190330	190395	+	1	50	K.DMGGLPDALFVIDADHEHIAIK.E	26
PHEAT+878	proteomics_heat	190396	190497	+	1	192	K.EANNLGIPVFAIVDTNSDPDGVDFVIPGNDDAIR.A	38
PHEAT+879	proteomics_heat	190396	190449	+	1	8	K.EANNLGIPVFAIVDTNSD.P	22
PHEAT+880	proteomics_heat	190396	190455	+	1	4	K.EANNLGIPVFAIVDTNSDPD.G	24
PHEAT+881	proteomics_heat	190426	190497	+	1	3	F.AIVDTNSDPDGVDFVIPGNDDAIR.A	28
PHEAT+882	proteomics_heat	190438	190497	+	1	2	D.TNSDPDGVDFVIPGNDDAIR.A	24
PHEAT+883	proteomics_heat	190450	190497	+	1	12	D.PDGVDFVIPGNDDAIR.A	20
PHEAT+884	proteomics_heat	190456	190497	+	1	4	D.GVDFVIPGNDDAIR.A	18
PHEAT+885	proteomics_heat	190498	190539	+	1	19	R.AVTLYLGAVAATVR.E	18
PHEAT+886	proteomics_heat	190549	190596	+	1	4	R.SQDLASQAEESFVEAE.-	20
PHEAT+887	proteomics_heat	190896	190928	+	3	3	R.ERTGAGMMDCK.K	15
PHEAT+888	proteomics_heat	190902	190928	+	3	9	R.TGAGMMDCK.K	13
PHEAT+889	proteomics_heat	190902	190931	+	3	10	R.TGAGMMDCKK.A	14
PHEAT+890	proteomics_heat	190929	190985	+	3	2	K.KALTEANGDIELAIENMRK.S	23
PHEAT+891	proteomics_heat	190929	190982	+	3	16	K.KALTEANGDIELAIENMR.K	22
PHEAT+892	proteomics_heat	190932	190985	+	3	3	K.ALTEANGDIELAIENMRK.S	22
PHEAT+893	proteomics_heat	190932	190982	+	3	122	K.ALTEANGDIELAIENMR.K	21
PHEAT+894	proteomics_heat	191010	191045	+	3	24	K.KAGNVAADGVIK.T	16
PHEAT+895	proteomics_heat	191013	191045	+	3	5	K.AGNVAADGVIK.T	15
PHEAT+896	proteomics_heat	191052	191111	+	3	10	K.IDGNYGIILEVNCQTDFAVAK.D	24
PHEAT+897	proteomics_heat	191112	191168	+	3	6	K.DAGFQAFADKVLDAAVAGK.I	23
PHEAT+898	proteomics_heat	191112	191141	+	3	21	K.DAGFQAFADK.V	14
PHEAT+899	proteomics_heat	191142	191168	+	3	10	K.VLDAAVAGK.I	13
PHEAT+900	proteomics_heat	191169	191192	+	3	10	K.ITDVEVLK.A	12
PHEAT+901	proteomics_heat	191256	191309	+	3	3	R.RVAALEGDVLGSYQHGAR.I	22
PHEAT+902	proteomics_heat	191259	191309	+	3	30	R.VAALEGDVLGSYQHGAR.I	21
PHEAT+903	proteomics_heat	191334	191357	+	3	4	K.GADEELVK.H	12
PHEAT+904	proteomics_heat	191358	191435	+	3	41	K.HIAMHVAASKPEFIKPEDVSAEVVEK.E	30
PHEAT+905	proteomics_heat	191373	191435	+	3	3	H.VAASKPEFIKPEDVSAEVVEK.E	25
PHEAT+906	proteomics_heat	191436	191483	+	3	44	K.EYQVQLDIAMQSGPK.E	20
PHEAT+907	proteomics_heat	191520	191576	+	3	4	K.KFTGEVSLTGQPFVMEPSK.T	23
PHEAT+908	proteomics_heat	191523	191576	+	3	43	K.FTGEVSLTGQPFVMEPSK.T	22
PHEAT+909	proteomics_heat	191598	191630	+	3	31	K.EHNAEVTGFIR.F	15
PHEAT+910	proteomics_heat	191631	191699	+	3	143	R.FEVGEGIEKVETDFAAEVAAMSK.Q	27
PHEAT+911	proteomics_heat	191631	191657	+	3	5	R.FEVGEGIEK.V	13
PHEAT+912	proteomics_heat	191658	191699	+	3	13	K.VETDFAAEVAAMSK.Q	18
PHEAT+913	proteomics_heat	191858	191884	+	2	4	M.ATNAKPVYK.R	13
PHEAT+914	proteomics_heat	191900	191962	+	2	82	K.LSGEALQGTEGFGIDASILDR.M	25
PHEAT+915	proteomics_heat	192074	192130	+	2	13	R.VVGDHMGMLATVMNGLAMR.D	23
PHEAT+916	proteomics_heat	192164	192235	+	2	29	R.LMSAIPLNGVCDSYSWAEAISLLR.N	28
PHEAT+917	proteomics_heat	192245	192310	+	2	22	R.VVILSAGTGNPFFTTDSAACL.R.G	26
PHEAT+918	proteomics_heat	192353	192439	+	2	27	K.VDGVFTADPAKDPTATMYEQLTYSEVLEK.E	33
PHEAT+919	proteomics_heat	192449	192481	+	2	5	K.VMDLAAFTLAR.D	15
PHEAT+920	proteomics_heat	192503	192535	+	2	7	R.VFNMNKPALR.R	15
PHEAT+921	proteomics_heat	192869	192934	+	2	5	R.NVISDIRKDAEVRMDKCVEAFK.T	26
PHEAT+922	proteomics_heat	192965	193027	+	2	35	R.ASPSLLDGIVVEYGTPTPLR.Q	25

PHEAT+923	proteomics_heat	193028	193060	+	2	2	R.QLASVTVEDSR.T	15
PHEAT+924	proteomics_heat	193112	193198	+	2	10	K.AIMASDLGLNPNSAGSDIRVPLPPLTEER.R	33
PHEAT+925	proteomics_heat	193112	193168	+	2	10	K.AIMASDLGLNPNSAGSDIR.V	23
PHEAT+926	proteomics_heat	193169	193198	+	2	2	R.VPLPPLTEER.R	14
PHEAT+927	proteomics_heat	193217	193246	+	2	6	K.IVRGAEQAR.V	14
PHEAT+928	proteomics_heat	193304	193336	+	2	3	K.DKEISEDDDR.S	15
PHEAT+929	proteomics_heat	193379	193426	+	2	19	K.KIEAALADKEELMQF.-	20
PHEAT+930	proteomics_heat	193379	193405	+	2	4	K.KIEAALADK.E	13
PHEAT+931	proteomics_heat	194109	194144	+	3	3	R.DLATMTPDQACR.H	16
PHEAT+932	proteomics_heat	194960	194992	+	2	4	R.HVAIIMDGNGR.W	15
PHEAT+933	proteomics_heat	197002	197043	+	1	2	K.AVDGIETPDWDAVR.L	18
PHEAT+934	proteomics_heat	197200	197256	+	1	2	R.GPQIEPVLENVQPNSAASK.A	23
PHEAT+935	proteomics_heat	198036	198074	+	3	4	R.VAVGAALLSMPVR.T	17
PHEAT+936	proteomics_heat	198075	198119	+	3	8	R.TGDTVNDEDISNTIR.A	19
PHEAT+937	proteomics_heat	198120	198155	+	3	2	R.ALFATGNFEDVR.V	16
PHEAT+938	proteomics_heat	198156	198194	+	3	3	R.VLRDGDLLVQVK.E	17
PHEAT+939	proteomics_heat	198165	198194	+	3	3	R.DGDLLVQVK.E	14
PHEAT+940	proteomics_heat	198195	198236	+	3	13	K.ERPTIASITFSGNK.S	18
PHEAT+941	proteomics_heat	198237	198260	+	3	3	K.SVKDDMLK.Q	12
PHEAT+942	proteomics_heat	198309	198365	+	3	3	R.TTIADIEKGLDFYYSVGK.Y	23
PHEAT+943	proteomics_heat	198333	198365	+	3	3	K.GLEDFYYSVGK.Y	15
PHEAT+944	proteomics_heat	198384	198407	+	3	3	K.AVVTPLPR.N	12
PHEAT+945	proteomics_heat	198582	198608	+	3	4	K.LAGDLETLR.S	13
PHEAT+946	proteomics_heat	198639	198683	+	3	3	R.FNIDSTQVSLTPDKK.G	19
PHEAT+947	proteomics_heat	198729	198794	+	3	4	K.LSGVEVSGNLAGHSAEIEQLTK.I	26
PHEAT+948	proteomics_heat	198891	198935	+	3	3	R.VQSMPEINDADKTVK.L	19
PHEAT+949	proteomics_heat	198891	198926	+	3	3	R.VQSMPEINDADK.T	16
PHEAT+950	proteomics_heat	198936	198965	+	3	2	K.LRVNVDAGNR.F	14
PHEAT+951	proteomics_heat	198981	199025	+	3	4	K.IRFEGNDTSKDAVLR.R	19
PHEAT+952	proteomics_heat	198987	199025	+	3	2	R.FEGNDTSKDAVLR.R	17
PHEAT+953	proteomics_heat	199038	199085	+	3	3	R.QMEGAWLGSDLVDQGK.E	20
PHEAT+954	proteomics_heat	199038	199091	+	3	3	R.QMEGAWLGSDLVDQGKER.L	22
PHEAT+955	proteomics_heat	199101	199178	+	3	5	R.LGFFETVDTDTQRVPGSPDQVDVVYK.V	30
PHEAT+956	proteomics_heat	199101	199139	+	3	3	R.LGFFETVDTDTQR.V	17
PHEAT+957	proteomics_heat	199140	199178	+	3	3	R.VPGSPDQVDVVYK.V	17
PHEAT+958	proteomics_heat	199392	199448	+	3	6	R.LFYNDFQADDADLSDYTNK.S	23
PHEAT+959	proteomics_heat	199449	199505	+	3	6	K.SYGTDTVTLGFPINEYNSLR.A	23
PHEAT+960	proteomics_heat	199506	199568	+	3	4	R.AGLGYVHNSLSNMQPQVAMWR.Y	25
PHEAT+961	proteomics_heat	199506	199553	+	3	3	R.AGLGYVHNSLSNMQPQ.V	20
PHEAT+962	proteomics_heat	199569	199625	+	3	3	R.YLYSMGEHPSTSDQDNSFK.T	23
PHEAT+963	proteomics_heat	199626	199667	+	3	2	K.TDDFTFNYGWYTNK.L	18
PHEAT+964	proteomics_heat	199758	199823	+	3	3	K.VTLDTATYVPIDDDHKWVVLGR.T	26
PHEAT+965	proteomics_heat	199860	199910	+	3	6	K.EMPFYENFYAGGSSTVR.G	21
PHEAT+966	proteomics_heat	199941	200018	+	3	5	K.AVYFPHQASNYDPDYECATQDGAK.D	30
PHEAT+967	proteomics_heat	199959	200018	+	3	2	H.QASNYDPDYECATQDGAK.D	24
PHEAT+968	proteomics_heat	200100	200129	+	3	2	F.ISDKYANSVR.T	14

PHEAT+969	proteomics_heat	200304	200351	+	3	10	K.KYDGDKAEQFQFNIGK.T	20
PHEAT+970	proteomics_heat	200307	200351	+	3	3	K.YDGDKAEQFQFNIGK.T	19
PHEAT+971	proteomics_heat	200542	200598	+	1	12	A.ADKIAIVNMGSLFQQVAQK.T	23
PHEAT+972	proteomics_heat	200551	200598	+	1	37	K.IAIVNMGSLFQQVAQK.T	20
PHEAT+973	proteomics_heat	200599	200634	+	1	12	K.TGVSNTLENEFK.G	16
PHEAT+974	proteomics_heat	200659	200682	+	1	9	R.METDLQAK.M	12
PHEAT+975	proteomics_heat	200728	200754	+	1	4	K.LEKDVMAQR.Q	13
PHEAT+976	proteomics_heat	200755	200829	+	1	8	R.QTFAQKAQAFEQDRARRSNEERGKL.V	29
PHEAT+977	proteomics_heat	200821	200931	+	1	5	R.GKLVTRIQTAVKSVANSQDIDLVDANAVAYNSSDVK.D	41
PHEAT+978	proteomics_heat	200857	200931	+	1	15	K.SVANSQDIDLVDANAVAYNSSDVK.D	29
PHEAT+979	proteomics_heat	200857	200955	+	1	25	K.SVANSQDIDLVDANAVAYNSSDVKDITADVLK.Q	37
PHEAT+980	proteomics_heat	200932	200955	+	1	4	K.DITADVLK.Q	12
PHEAT+981	proteomics_heat	201109	201180	+	1	12	K.YREHLGLCCQASAVVMTQDDLPAK.S	28
PHEAT+982	proteomics_heat	201202	201225	+	1	2	K.NPYLTYAR.M	12
PHEAT+983	proteomics_heat	201226	201303	+	1	7	R.MAQILDTPQPAQNIAPSAVIDATAK.L	30
PHEAT+984	proteomics_heat	201304	201402	+	1	25	K.LGNNVSIKANAVIESGVELGDNVIIGAGCFVGK.N	37
PHEAT+985	proteomics_heat	201817	201903	+	1	3	K.VTVTGMGMVMPITEPGVYSSGIPLQPNK.V	33
PHEAT+986	proteomics_heat	201850	201903	+	1	2	R.PITEPGVYSSGIPLQPNK.V	22
PHEAT+987	proteomics_heat	201913	201954	+	1	2	R.KTAALVMNIDDMSK.R	18
PHEAT+988	proteomics_heat	201916	201957	+	1	2	K.TAALVMNIDDMSK.R	18
PHEAT+989	proteomics_heat	202104	202160	+	3	25	L.TTNTHTLQIEEILELLPHR.F	23
PHEAT+990	proteomics_heat	202161	202184	+	3	3	R.FPFLLVDR.V	12
PHEAT+991	proteomics_heat	202185	202208	+	3	2	R.VLDFEGR.F	12
PHEAT+992	proteomics_heat	202227	202274	+	3	2	K.NVSVNEPFFQGHFPGK.P	20
PHEAT+993	proteomics_heat	202227	202304	+	3	2	K.NVSVNEPFFQGHFPGKPIFPGVLILE.A	30
PHEAT+994	proteomics_heat	202341	202400	+	3	3	K.SVGKLEPGELYFAGIDEAR.F	24
PHEAT+995	proteomics_heat	202353	202400	+	3	22	K.LEPGELYFAGIDEAR.F	20
PHEAT+996	proteomics_heat	202401	202457	+	3	5	R.FKRPVVPDQMIMEVTFEK.T	23
PHEAT+997	proteomics_heat	202401	202442	+	3	2	R.FKRPVVPDQMIME.V	18
PHEAT+998	proteomics_heat	202407	202457	+	3	8	K.RPVVPDQMIMEVTFEK.T	21
PHEAT+999	proteomics_heat	202407	202481	+	3	3	K.RPVVPDQMIMEVTFEKTRRGLTRF.K	29
PHEAT+1000	proteomics_heat	202479	202508	+	3	7	R.FKGVALVDGK.V	14
PHEAT+1001	proteomics_heat	202509	202541	+	3	4	K.VVCEATMMCAR.S	15
PHEAT+1002	proteomics_heat	202647	202694	+	3	3	F.CIVGPHVEIGEGTVLK.S	20
PHEAT+1003	proteomics_heat	202734	202787	+	3	4	R.DNEIYQFASIGEVNQDLK.Y	22
PHEAT+1004	proteomics_heat	202890	202955	+	3	2	K.VGSDNLLMINAHIAHDCTVGNR.C	26
PHEAT+1005	proteomics_heat	202926	202955	+	3	5	H.IAHDCTVGNR.C	14
PHEAT+1006	proteomics_heat	203241	203300	+	3	5	K.TLDEVKPEIAELAETPEVK.A	24
PHEAT+1007	proteomics_heat	203894	203950	+	2	2	R.DVLGIPHDAHCLALLPGSR.G	23
PHEAT+1008	proteomics_heat	208624	208674	+	1	8	M.SLNFLDFEQPIAELEAK.I	21
PHEAT+1009	proteomics_heat	208702	208746	+	1	3	R.QDEKLDINIDEEVHR.L	19
PHEAT+1010	proteomics_heat	208777	208824	+	1	6	R.KIFADLGAWQIAQLAR.H	20
PHEAT+1011	proteomics_heat	208780	208824	+	1	5	K.IFADLGAWQIAQLAR.H	19
PHEAT+1012	proteomics_heat	208861	208899	+	1	4	R.LAFDEFDELADGDR.A	17
PHEAT+1013	proteomics_heat	208900	208941	+	1	2	R.AYADDKAIVGGIAR.L	18
PHEAT+1014	proteomics_heat	208942	208980	+	1	4	R.LDGRPVMIIIGHQK.G	17

PHEAT+1015	proteomics_heat	209011	209046	+	1	2	R.NFGMPAPEGYRK.A	16
PHEAT+1016	proteomics_heat	209077	209145	+	1	8	R.FKMPIITFIDTPGAYPGVGAEER.G	27
PHEAT+1017	proteomics_heat	209269	209337	+	1	3	K.VNMLQYSTYSVISPEGCASILWK.S	27
PHEAT+1018	proteomics_heat	209338	209391	+	1	7	K.SADKAPLAAEAMGIIAPR.L	22
PHEAT+1019	proteomics_heat	209407	209451	+	1	3	K.LIDSIIPEPLGGAHR.N	19
PHEAT+1020	proteomics_heat	209452	209481	+	1	2	R.NPEAMAASLK.A	14
PHEAT+1021	proteomics_heat	209482	209538	+	1	24	K.AQLLADLADLDVSTEDLK.N	23
PHEAT+1022	proteomics_heat	209956	209997	+	1	5	A.CRICGWRSGFLNMR.W	18
PHEAT+1023	proteomics_heat	210159	210209	+	3	2	K.SPVGCLFYDFFGGNTLK.A	21
PHEAT+1024	proteomics_heat	211892	211939	+	2	2	K.QVHHIAIATDYAVSK.A	20
PHEAT+1025	proteomics_heat	212108	212173	+	2	4	R.HLAFSVDDIDA AVAHLESHNVK.C	26
PHEAT+1026	proteomics_heat	212850	212891	+	3	4	R.WIEDESNQDDSYDR.N	18
PHEAT+1027	proteomics_heat	213714	213800	+	3	4	R.VAKAGNFIQTQLAGFASGLDDQVLHIFAG.D	33
PHEAT+1028	proteomics_heat	215506	215547	+	1	2	R.EEPSSFASYGTWAR.T	18
PHEAT+1029	proteomics_heat	215548	215589	+	1	4	R.TADKLVLTDSKGEK.S	18
PHEAT+1030	proteomics_heat	215602	215634	+	1	2	R.AKGDALMLDR.E	15
PHEAT+1031	proteomics_heat	220006	220059	+	1	4	P.QCMIKTSILNQELVKMTR.R	22
PHEAT+1032	proteomics_heat	222869	222952	+	2	13	R.DGTINVDHGYVHEIDNFEFIDGVIDAMR.E	32
PHEAT+1033	proteomics_heat	223079	223144	+	2	5	R.DVDLDGIYYCPHPQGSVEEFR.Q	26
PHEAT+1034	proteomics_heat	223301	223384	+	2	3	R.TGKPITPEAENAADWVLNSLADLPQAIK.K	32
PHEAT+1035	proteomics_heat	223301	223387	+	2	4	R.TGKPITPEAENAADWVLNSLADLPQAIKK.Q	33
PHEAT+1036	proteomics_heat	229203	229259	+	3	6	R.LKDDVVISSVITALELGYR.A	23
PHEAT+1037	proteomics_heat	229260	229334	+	3	3	R.AIDTAQIYDNEAAVQGQAIAESGVPR.H	29
PHEAT+1038	proteomics_heat	229335	229358	+	3	7	R.HELITTK.I	12
PHEAT+1039	proteomics_heat	229722	229748	+	3	3	K.ALKDEVIAR.I	13
PHEAT+1040	proteomics_heat	229866	229901	+	3	3	K.AQNLQLDAEDKK.A	16
PHEAT+1041	proteomics_heat	236088	236153	+	3	2	R.QIVLDTETTGMNQIGAHYEGHK.I	26
PHEAT+1042	proteomics_heat	239175	239258	+	3	2	R.RLDVVMNEDDYKIRRGNAAELEFSGIRHI.A	32
PHEAT+1043	proteomics_heat	240427	240459	+	1	2	A.QDDLTISLAK.G	15
PHEAT+1044	proteomics_heat	240475	240507	+	1	5	K.AAFNQMVQGHK.L	15
PHEAT+1045	proteomics_heat	240529	240624	+	1	5	K.GGTYTPAQTVTLGDETYQVMSACKPHDCGSQR.I	36
PHEAT+1046	proteomics_heat	240625	240648	+	1	2	R.IAVMWSEK.S	12
PHEAT+1047	proteomics_heat	240649	240690	+	1	3	K.SNQMTGLFSTIDEK.T	18
PHEAT+1048	proteomics_heat	240706	240750	+	1	2	K.LTWLVNVDALSIDGK.T	19
PHEAT+1049	proteomics_heat	240751	240813	+	1	9	K.TVLFALTGSLENHPDGFNFK.-	25
PHEAT+1050	proteomics_heat	243543	243563	+	3	6	L.MYQDLIR.N	11
PHEAT+1051	proteomics_heat	243564	243638	+	3	49	R.NELNEAAETLANFLKDDANIHAIQR.A	29
PHEAT+1052	proteomics_heat	243564	243608	+	3	6	R.NELNEAAETLANFLK.D	19
PHEAT+1053	proteomics_heat	243609	243638	+	3	2	K.DDANIHAIQR.A	14
PHEAT+1054	proteomics_heat	243639	243668	+	3	5	R.AAVLLADSFK.A	14
PHEAT+1055	proteomics_heat	243681	243749	+	3	10	K.VLSCGNGGSHCDAMHFAEELTGR.Y	27
PHEAT+1056	proteomics_heat	243750	243851	+	3	12	R.YRENRPYPAIAISDVSHISCVGNDFGFNDIFSR.Y	38
PHEAT+1057	proteomics_heat	243756	243851	+	3	2	R.ENRPGYPAIAISDVSHISCVGNDFGFNDIFSR.Y	36
PHEAT+1058	proteomics_heat	243873	243929	+	3	6	R.EGDVLLGISTSGNSANVIK.A	23
PHEAT+1059	proteomics_heat	244026	244052	+	3	3	R.VPHFGYADR.I	13
PHEAT+1060	proteomics_heat	244630	244671	+	1	3	R.NWTYAHNGQLTGYK.S	18



PHEAT+1061	proteomics_heat	255989	256027	+	2	8	K.YIVTWDMLQIHAR.K	17
PHEAT+1062	proteomics_heat	256088	256120	+	2	4	R.GGLVPGALLAR.E	15
PHEAT+1063	proteomics_heat	256136	256183	+	2	12	R.HVDTVCISSYDHDNR.E	20
PHEAT+1064	proteomics_heat	256202	256279	+	2	2	K.RAEGDGEGFIVIDDLVDTGGTAVAIR.E	30
PHEAT+1065	proteomics_heat	256205	256279	+	2	2	R.AEGDGEGFIVIDDLVDTGGTAVAIR.E	29
PHEAT+1066	proteomics_heat	256295	256321	+	2	5	K.AHFVTIFAK.P	13
PHEAT+1067	proteomics_heat	256530	256568	+	3	2	M.TQANLSETLFKPR.F	17
PHEAT+1068	proteomics_heat	256605	256652	+	3	3	R.FNHGAQPPVQSALDGK.T	20
PHEAT+1069	proteomics_heat	256860	256895	+	3	3	K.ACAEDDPQLSGR.H	16
PHEAT+1070	proteomics_heat	257034	257093	+	3	3	R.QMEFTVPGGAPITGFLHMPK.G	24
PHEAT+1071	proteomics_heat	257190	257240	+	3	2	R.GIAMLTIDMPSVGFSSK.W	21
PHEAT+1072	proteomics_heat	257247	257288	+	3	3	K.LTQDSSLLHQHVLK.A	18
PHEAT+1073	proteomics_heat	257400	257450	+	3	3	K.AVACLGPVVHTLLSDFK.C	21
PHEAT+1074	proteomics_heat	257499	257534	+	3	3	R.LGMHDASDEALR.V	16
PHEAT+1075	proteomics_heat	257619	257651	+	3	2	K.NDPFSPEEDSR.L	15
PHEAT+1076	proteomics_heat	257652	257681	+	3	2	R.LITSSSADGK.L	14
PHEAT+1077	proteomics_heat	257727	257762	+	3	2	K.GLQEITDWIEKR.L	16
PHEAT+1078	proteomics_heat	257874	257900	+	3	2	K.FTALGPYIR.E	13
PHEAT+1079	proteomics_heat	258027	258062	+	3	3	R.FTYSYQFGLFDK.A	16
PHEAT+1080	proteomics_heat	258078	258113	+	3	5	K.SVPVKDTEVVER.L	16
PHEAT+1081	proteomics_heat	258147	258179	+	3	2	K.LRELLTTLNLK.L	15
PHEAT+1082	proteomics_heat	258180	258227	+	3	3	K.LEPADDFRDEPVKLT.A-	20
PHEAT+1083	proteomics_heat	259615	259641	+	1	2	M.SDSQTLVVK.L	13
PHEAT+1084	proteomics_heat	259642	259674	+	1	2	K.LGTSVLTGGSR.R	15
PHEAT+1085	proteomics_heat	259687	259710	+	1	2	R.AHIVELVR.Q	12
PHEAT+1086	proteomics_heat	259783	259827	+	1	5	R.EHLGYPELPAIASK.Q	19
PHEAT+1087	proteomics_heat	259828	259857	+	1	2	K.QLLAAVGQSR.L	14
PHEAT+1088	proteomics_heat	259978	260046	+	1	2	R.ALLDNNIVPVINENDAVATAEIK.V	27
PHEAT+1089	proteomics_heat	260047	260103	+	1	3	K.VGDNDNLSALAAIAGADK.L	23
PHEAT+1090	proteomics_heat	260104	260127	+	1	2	K.LLLLTDQK.G	12
PHEAT+1091	proteomics_heat	260152	260208	+	1	4	R.SNPQAELIKDVYGGIDALR.A	23
PHEAT+1092	proteomics_heat	260179	260208	+	1	2	K.DVYGIDALR.A	14
PHEAT+1093	proteomics_heat	260209	260262	+	1	4	R.AIAGDSVSGLTGGMSTK.L	22
PHEAT+1094	proteomics_heat	260332	260412	+	1	2	G.VIGDVMEGISVGTLFHAQATPLENRKR.W	31
PHEAT+1095	proteomics_heat	260623	260694	+	1	4	R.IAGHHSQEIDAILGYEYGPVAVHR.D	28
PHEAT+1096	proteomics_heat	260817	260888	+	3	2	K.IADELEAQSEIILNANAQDVADAR.A	28
PHEAT+1097	proteomics_heat	260970	261038	+	3	5	R.QVCNLADPVGQVIDGGVLD SGLR.L	27
PHEAT+1098	proteomics_heat	261051	261092	+	3	2	R.RVPLGVIGVIYEAR.P	18
PHEAT+1099	proteomics_heat	261051	261131	+	3	8	R.RVPLGVIGVIYEARPNVTVDVASLCLK.T	31
PHEAT+1100	proteomics_heat	261087	261131	+	3	2	E.ARPNVTVDVASLCLK.T	19
PHEAT+1101	proteomics_heat	261219	261269	+	3	5	K.SCGLPAGAVQAIDNPDR.A	21
PHEAT+1102	proteomics_heat	261294	261326	+	3	2	R.MDKYIDMLIPR.G	15
PHEAT+1103	proteomics_heat	261465	261515	+	3	9	K.TQRPSTCNTVETLLVKN.N	21
PHEAT+1104	proteomics_heat	261642	261689	+	3	2	K.AEEYDDEFSLDLNVK.I	20
PHEAT+1105	proteomics_heat	261690	261728	+	3	2	K.IVSDLDDAIAHIR.E	17
PHEAT+1106	proteomics_heat	261789	261839	+	3	4	R.FVNEVDSSAVYVNASTR.F	21

PHEAT+1107	proteomics_heat	261840	261896	+	3	2	R.FTDGGQFGLGAEVAVSTQK.L	23
PHEAT+1108	proteomics_heat	274549	274584	+	1	2	Y.MQTTQQNAPLKR.T	16
PHEAT+1109	proteomics_heat	279434	279517	+	2	13	S.GRIRTVLLYPGIKAVGGDIETCCNAGNR.I	32
PHEAT+1110	proteomics_heat	281505	281615	+	3	2	M.PQSALFTGIIPPVSTIFTADGQLDKPGTAALIDDLIK.A	41
PHEAT+1111	proteomics_heat	285951	285998	+	3	5	R.AAQGEAVPDAATAASH.-	20
PHEAT+1112	proteomics_heat	302341	302391	+	1	4	R.SPVDMFNAACGPESLIR.A	21
PHEAT+1113	proteomics_heat	302782	302826	+	1	4	R.ITHEPDPEIPLGSNR.-	19
PHEAT+1114	proteomics_heat	314590	314646	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1115	proteomics_heat	314590	314646	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1116	proteomics_heat	314590	314646	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1117	proteomics_heat	314590	314646	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1118	proteomics_heat	314590	314646	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1119	proteomics_heat	340637	340681	+	2	2	K.LHPDATLPHYDAGGK.L	19
PHEAT+1120	proteomics_heat	340751	340795	+	2	2	R.SLNRPAGTTIQDMIK.L	19
PHEAT+1121	proteomics_heat	340895	340930	+	2	2	R.SHCNIEPVSGLK.N	16
PHEAT+1122	proteomics_heat	342174	342200	+	3	2	R.REPGPNDVK.I	13
PHEAT+1123	proteomics_heat	342201	342251	+	3	4	K.IEIA YCGVCHSDLHQVR.S	21
PHEAT+1124	proteomics_heat	342252	342308	+	3	3	R.SEWAGTVYPCVPGHEIVGR.V	23
PHEAT+1125	proteomics_heat	342309	342338	+	3	4	R.VVAVGDQVEK.Y	14
PHEAT+1126	proteomics_heat	342339	342389	+	3	4	K.YAPGDLVGVGCIVDSCK.H	21
PHEAT+1127	proteomics_heat	342534	342611	+	3	4	R.IRHPQEQLAAVAPLLCAGITTYSPLR.H	30
PHEAT+1128	proteomics_heat	342534	342581	+	3	2	R.IRHPQEQLAAVAPLLC.A	20
PHEAT+1129	proteomics_heat	342540	342611	+	3	2	R.HPQEQLAAVAPLLCAGITTYSPLR.H	28
PHEAT+1130	proteomics_heat	342612	342635	+	3	2	R.HWQAGPGK.K	12
PHEAT+1131	proteomics_heat	342639	342683	+	3	6	K.VGVVIGIGGLGHMGIK.L	19
PHEAT+1132	proteomics_heat	342684	342737	+	3	2	K.LAHAMGAHVVAFTTSEAK.R	22
PHEAT+1133	proteomics_heat	342684	342719	+	3	2	K.LAHAMGAHVVAFTT	16
PHEAT+1134	proteomics_heat	342753	342785	+	3	2	K.ALGADEVVNSR.N	15
PHEAT+1135	proteomics_heat	342786	342815	+	3	6	R.NADEMAAHLK.S	14
PHEAT+1136	proteomics_heat	342816	342887	+	3	8	K.SDFILNTVAAPHNLDDFTLLKR.D	28
PHEAT+1137	proteomics_heat	342816	342884	+	3	12	K.SDFILNTVAAPHNLDDFTLLK.R	27
PHEAT+1138	proteomics_heat	342888	342932	+	3	2	R.DGTM TLV GAPATPHK.S	19
PHEAT+1139	proteomics_heat	343068	343097	+	3	3	R.ADQINEAYER.M	14
PHEAT+1140	proteomics_heat	345789	345824	+	3	6	K.AEFEKVESQYEK.I	16
PHEAT+1141	proteomics_heat	345825	345890	+	3	2	K.IGDISTSNEMSTADAKEDLIKK.A	26
PHEAT+1142	proteomics_heat	345825	345872	+	3	4	K.IGDISTSNEMSTADAK.E	20
PHEAT+1143	proteomics_heat	345903	345974	+	3	9	K.GADV LVL TSGQTDNKI HGTANIYK.K	28
PHEAT+1144	proteomics_heat	345903	345947	+	3	5	K.GADV LVL TSGQTDNK.I	19
PHEAT+1145	proteomics_heat	345948	345974	+	3	2	K.IHGTANIYK.K	13
PHEAT+1146	proteomics_heat	354149	354196	+	2	2	V.SQDNNFSQGPVPSAR.K	20
PHEAT+1147	proteomics_heat	354374	354403	+	2	3	K.TGLTTHLLAR.F	14
PHEAT+1148	proteomics_heat	355193	355216	+	2	3	R.YEHFATTR.M	12
PHEAT+1149	proteomics_heat	355358	355402	+	2	2	R.KTTAAMTHVEANSVE.-	19
PHEAT+1150	proteomics_heat	355398	355433	+	3	4	V.SNNALQTIINAR.L	16
PHEAT+1151	proteomics_heat	355434	355481	+	3	8	R.LPGEEGLWQIHLQDGK.I	20
PHEAT+1152	proteomics_heat	355581	355658	+	3	3	H.IHLDTTQTAGQPNWNQSGTLFEGIER.W	30

PHEAT+1153	proteomics_heat	355671	355700	+	3	2	R.KALLTHDDVK.Q	14
PHEAT+1154	proteomics_heat	355674	355700	+	3	4	K.ALLTHDDVK.Q	13
PHEAT+1155	proteomics_heat	355725	355757	+	3	6	K.WQIANGIQHVR.T	15
PHEAT+1156	proteomics_heat	355758	355799	+	3	10	R.THVDVSDATLTALK.A	18
PHEAT+1157	proteomics_heat	355920	355967	+	3	8	R.LGADVVGAIPIHFETR.E	20
PHEAT+1158	proteomics_heat	355968	355994	+	3	3	R.EYGVESLHK.T	13
PHEAT+1159	proteomics_heat	355995	356015	+	3	2	K.TFALAQK.Y	11
PHEAT+1160	proteomics_heat	356025	356069	+	3	3	R.LIDVHCDEIDDEQSR.F	19
PHEAT+1161	proteomics_heat	356070	356120	+	3	17	R.FVETVAALAHHEGMGAR.V	21
PHEAT+1162	proteomics_heat	356121	356177	+	3	2	R.VTASHTTAMHSYNGAYTSR.L	23
PHEAT+1163	proteomics_heat	356121	356150	+	3	3	R.VTASHTTAMH.S	14
PHEAT+1164	proteomics_heat	356196	356252	+	3	9	K.MSGINFVANPLVNIHLQGR.F	23
PHEAT+1165	proteomics_heat	356475	356567	+	3	7	R.TLNLQDYGIAAGNSANLIILPAENGFALRR.Q	35
PHEAT+1166	proteomics_heat	356475	356564	+	3	6	R.TLNLQDYGIAAGNSANLIILPAENGFALR.R	34
PHEAT+1167	proteomics_heat	356604	356675	+	3	3	K.VIASTQPAQTTVYLEQPEAIDYK.R	28
PHEAT+1168	proteomics_heat	356604	356672	+	3	6	K.VIASTQPAQTTVYLEQPEAIDYK.R	27
PHEAT+1169	proteomics_heat	364923	364976	+	3	3	T.YPDLPDNCRHSSAAPSPR.G	22
PHEAT+1170	proteomics_heat	376299	376343	+	3	2	K.IFVDKLTQAQLINGR.L	19
PHEAT+1171	proteomics_heat	376314	376343	+	3	2	K.LTQAQLINGR.L	14
PHEAT+1172	proteomics_heat	387163	387192	+	1	2	R.DQAITPQQQR.A	14
PHEAT+1173	proteomics_heat	400610	400642	+	2	3	D.MKNLIAELLFK.L	15
PHEAT+1174	proteomics_heat	400751	400831	+	2	6	R.LIDQVEGALYEVKPDASIPDDDTLLR.D	31
PHEAT+1175	proteomics_heat	405192	405266	+	3	14	G.DLVITADIPLAAEAIEKGAAALNPR.G	29
PHEAT+1176	proteomics_heat	405632	405661	+	2	2	M.TQPLFLIGPR.G	14
PHEAT+1177	proteomics_heat	405893	405958	+	2	3	R.HFMQNGIVVYLCAPVSVLVNR.L	26
PHEAT+1178	proteomics_heat	405959	406045	+	2	2	R.LQAAPEEDLRPTLTGKPLSEEVQEVLEER.D	33
PHEAT+1179	proteomics_heat	406061	406123	+	2	5	R.EVAHIIIDATNEPSQVISEIR.S	25
PHEAT+1180	proteomics_heat	406257	406295	+	3	2	K.GKPGQTVTWYQLR.A	17
PHEAT+1181	proteomics_heat	406296	406364	+	3	3	R.ADHPKPDLSISEHPTAQEAMDAK.K	27
PHEAT+1182	proteomics_heat	407401	407433	+	1	2	F.MLQSNEYFSGK.V	15
PHEAT+1183	proteomics_heat	407440	407472	+	1	2	K.SIGFSSSSTGR.A	15
PHEAT+1184	proteomics_heat	409401	409445	+	3	2	K.TEVIALGDAGEQLYR.H	19
PHEAT+1185	proteomics_heat	410070	410144	+	3	3	K.SLAHVVNILDPDVIVLGGGMSNVDR.L	29
PHEAT+1186	proteomics_heat	416645	416695	+	2	2	R.GLETGADDYITKPFSPK.E	21
PHEAT+1187	proteomics_heat	421131	421169	+	3	3	R.MLHGMAEQGSAPK.I	17
PHEAT+1188	proteomics_heat	422786	422827	+	2	2	R.NNMQHVAGITEAAK.E	18
PHEAT+1189	proteomics_heat	424241	424303	+	2	2	R.VTDFSFELPESLIAHYMPER.S	25
PHEAT+1190	proteomics_heat	424316	424420	+	2	2	R.LLSLDGPTGALTHGTFTDLLDKLNPGDLLVFNTR.V	39
PHEAT+1191	proteomics_heat	424601	424639	+	2	6	R.HGALFEVEFNDER.S	17
PHEAT+1192	proteomics_heat	424883	424966	+	2	2	R.VDTIEDHIMHSEYAEVPQDVVDAVLAAK.A	32
PHEAT+1193	proteomics_heat	425012	425041	+	2	2	R.SLESAAQAAK.N	14
PHEAT+1194	proteomics_heat	425042	425107	+	2	3	K.NDLIEPFFDDTQIFIYPGFQYK.V	26
PHEAT+1195	proteomics_heat	425424	425477	+	3	4	R.GVVETPCFMPVGTGTVK.G	22
PHEAT+1196	proteomics_heat	425478	425573	+	3	5	K.GMTPEEVEATGAQIILGNTFHLWLRPGQEIMK.L	36
PHEAT+1197	proteomics_heat	425574	425609	+	3	4	K.LHGDLHDFMQWK.G	16
PHEAT+1198	proteomics_heat	425610	425666	+	3	4	K.GPILTDSSGGFQVFLGDIR.K	23

PHEAT+1199	proteomics_heat	425670	425696	+	3	4	K.ITEQGVHFR.N	13
PHEAT+1200	proteomics_heat	425697	425738	+	3	2	R.NPINGDPIFLDPEK.S	18
PHEAT+1201	proteomics_heat	425871	425897	+	3	3	R.ERFDSLGNK.N	13
PHEAT+1202	proteomics_heat	425898	425960	+	3	2	K.NALFGIIQGSVYEDLRDISVK.G	25
PHEAT+1203	proteomics_heat	425898	425945	+	3	3	K.NALFGIIQGSVYEDLR.D	20
PHEAT+1204	proteomics_heat	425961	426023	+	3	35	K.GLVDIGFDGYAVGGLAVGEPK.A	25
PHEAT+1205	proteomics_heat	426039	426083	+	3	4	R.ILEHVCPQIPADKPR.Y	19
PHEAT+1206	proteomics_heat	426081	426131	+	3	4	P.RYLMGVGKPEDLVEGVR.R	21
PHEAT+1207	proteomics_heat	426084	426131	+	3	4	R.YLMGVGKPEDLVEGVR.R	20
PHEAT+1208	proteomics_heat	426084	426134	+	3	2	R.YLMGVGKPEDLVEGVRR.G	21
PHEAT+1209	proteomics_heat	426237	426284	+	3	2	K.SDTGPLDPECDCYTCR.N	20
PHEAT+1210	proteomics_heat	426258	426284	+	3	3	D.PECDCYTCR.N	13
PHEAT+1211	proteomics_heat	426399	426452	+	3	2	R.KAIEEGKLESFVTDIFYQR.Q	22
PHEAT+1212	proteomics_heat	426402	426452	+	3	7	K.AIEEGKLESFVTDIFYQR.Q	21
PHEAT+1213	proteomics_heat	426661	426723	+	1	8	K.KLMDSIAKGDEVLNGLVGR.V	25
PHEAT+1214	proteomics_heat	426661	426684	+	1	6	K.KLMDSIAK.G	12
PHEAT+1215	proteomics_heat	426664	426684	+	1	3	K.LMDSIAK.G	11
PHEAT+1216	proteomics_heat	426664	426723	+	1	7	K.LMDSIAKGDEVLNGLVGR.V	24
PHEAT+1217	proteomics_heat	426685	426723	+	1	8	K.GDEVLNGLVGR.V	17
PHEAT+1218	proteomics_heat	426733	426795	+	1	5	K.VAENGYIAIALNDTTEVVIKR.D	25
PHEAT+1219	proteomics_heat	426796	426822	+	1	7	R.DFVAAVLPK.G	13
PHEAT+1220	proteomics_heat	427102	427128	+	1	4	R.FDSTDTQLR.A	13
PHEAT+1221	proteomics_heat	427378	427413	+	1	2	R.KENNYGLSITFR.D	16
PHEAT+1222	proteomics_heat	427423	427455	+	1	4	K.ARDEAIAYLSK.R	15
PHEAT+1223	proteomics_heat	427456	427503	+	1	2	K.RHPDLVISSQGSNQLR.A	20
PHEAT+1224	proteomics_heat	427459	427503	+	1	2	R.HPDLVISSQGSNQLR.A	19
PHEAT+1225	proteomics_heat	427576	427620	+	1	7	R.NRVNQLGVAEPVVQR.Q	19
PHEAT+1226	proteomics_heat	427582	427620	+	1	2	R.VNQLGVAEPVVQR.Q	17
PHEAT+1227	proteomics_heat	427717	427761	+	1	4	R.LVNTNVDQAAAASGR.V	19
PHEAT+1228	proteomics_heat	427945	427989	+	1	2	K.DNIGKPMATLFVEYK.D	19
PHEAT+1229	proteomics_heat	428092	428124	+	1	2	R.ITGINNPNEAR.Q	15
PHEAT+1230	proteomics_heat	428452	428478	+	1	5	R.IKEELSNGR.T	13
PHEAT+1231	proteomics_heat	428732	428770	+	2	3	V.AQEYTVQLNHGR.K	17
PHEAT+1232	proteomics_heat	428960	429019	+	2	3	K.AGFEEMLQNFSSHDIMVR.M	24
PHEAT+1233	proteomics_heat	429020	429076	+	2	8	R.MPPAEGETGGQVLGSQVLK.V	23
PHEAT+1234	proteomics_heat	429077	429115	+	2	4	K.VINESTNQNAAVK.R	17
PHEAT+1235	proteomics_heat	429077	429118	+	2	2	K.VINESTNQNAAVKR.I	18
PHEAT+1236	proteomics_heat	429419	429469	+	2	2	R.GTPYEIFNVSLTQTLHR.T	21
PHEAT+1237	proteomics_heat	429638	429658	+	2	4	R.EHMLQK.V	11
PHEAT+1238	proteomics_heat	432226	432261	+	1	3	R.MHCPCFAVDTK.V	16
PHEAT+1239	proteomics_heat	432385	432420	+	1	2	K.SNDVREPFNEEK.L	16
PHEAT+1240	proteomics_heat	432454	432501	+	1	6	K.RPVSSDDVEMAINHIK.S	20
PHEAT+1241	proteomics_heat	432733	432777	+	1	6	R.FTTHPNPNVGCIVK.D	19
PHEAT+1242	proteomics_heat	432919	432963	+	1	2	R.TPPCCDALIAAGVAR.V	19
PHEAT+1243	proteomics_heat	432964	433008	+	1	2	R.VVASMQDPNPQVAGR.G	19
PHEAT+1244	proteomics_heat	433159	433209	+	1	3	R.TAMASGESQWITSPQAR.R	21

PHEAT+1245	proteomics_heat	433871	433912	+	2	5	K.MNIIEANVATPDAR.V	18
PHEAT+1246	proteomics_heat	433931	433987	+	2	5	A.RFNNFINDSLLEGAIDALK.R	23
PHEAT+1247	proteomics_heat	433934	433987	+	2	7	R.FNNFINDSLLEGAIDALK.R	22
PHEAT+1248	proteomics_heat	433934	433990	+	2	19	R.FNNFINDSLLEGAIDALKR.I	23
PHEAT+1249	proteomics_heat	433991	434077	+	2	33	R.IGQVKDENITVVWVPGAYELPLAAGALAK.T	33
PHEAT+1250	proteomics_heat	434006	434077	+	2	6	K.DENITVVWVPGAYELPLAAGALAK.T	28
PHEAT+1251	proteomics_heat	434078	434122	+	2	23	K.TGKYDAVIALGTVIR.G	19
PHEAT+1252	proteomics_heat	434123	434254	+	2	23	R.GGTAHFEYVAGGASNGLAHVAQDSEIPVAFGVLTTESIEQAIER.A	48
PHEAT+1253	proteomics_heat	434123	434179	+	2	2	R.GGTAHFEYVAGGASNGLAH.V	23
PHEAT+1254	proteomics_heat	434201	434254	+	2	3	I.PVAFGVLTTESIEQAIER.A	22
PHEAT+1255	proteomics_heat	434279	434326	+	2	32	K.GAEAALTALEMINVLK.A	20
PHEAT+1256	proteomics_heat	434508	434576	+	3	7	R.ELLAGVATNTAYLDGLMKPYLSR.L	27
PHEAT+1257	proteomics_heat	434577	434606	+	3	2	R.LLEELGQVEK.A	14
PHEAT+1258	proteomics_heat	434697	434747	+	3	2	K.SFGAEDSHK FVNGVLDK.A	21
PHEAT+1259	proteomics_heat	434697	434723	+	3	3	K.SFGAEDSHK.F	13
PHEAT+1260	proteomics_heat	435233	435283	+	2	3	R.GPLSMTLGIHG FVPMGR.A	21
PHEAT+1261	proteomics_heat	435296	435379	+	2	2	R.SGAKPGDWIYVTGTPGDSAAGLAILQNR.L	32
PHEAT+1262	proteomics_heat	435470	435535	+	2	4	R.DLANSAIDLSDGLISDLGHIVK.A	26
PHEAT+1263	proteomics_heat	440878	440907	+	1	6	K.HYDETLAVVR.H	14
PHEAT+1264	proteomics_heat	440908	440931	+	1	2	R.HWDNIEVR.A	12
PHEAT+1265	proteomics_heat	440980	441051	+	1	11	R.IPGIHHILEVEDVPFTDMHDIFEK.A	28
PHEAT+1266	proteomics_heat	441115	441150	+	1	2	R.GKHDFSSIDVER.Y	16
PHEAT+1267	proteomics_heat	441151	441192	+	1	2	R.YVGGGLNQHIESAR.V	18
PHEAT+1268	proteomics_heat	441382	441435	+	1	2	R.VHYCFFNLGGAHEIGVR.Q	22
PHEAT+1269	proteomics_heat	441487	441534	+	1	3	R.FVAINFEPV VGEILEK.I	20
PHEAT+1270	proteomics_heat	441679	441759	+	1	11	R.LIDNVSDTLILRPLISYDKEHIINLAR.Q	31
PHEAT+1271	proteomics_heat	441844	441894	+	1	4	K.SKIEAEEEEKFDFSILDK.V	21
PHEAT+1272	proteomics_heat	442015	442086	+	1	3	R.SIDEQEDKPLKVEGIDVVSLPFYK.L	28
PHEAT+1273	proteomics_heat	443910	443954	+	3	33	M.PSFDIVSEVDLQEAR.N	19
PHEAT+1274	proteomics_heat	444006	444044	+	3	3	R.NVEASFELNDASK.T	17
PHEAT+1275	proteomics_heat	444054	444104	+	3	47	K.VLSEDFQVNQLLDILR.A	21
PHEAT+1276	proteomics_heat	444120	444176	+	3	8	K.RGIEGSSLDVPENIVHSGK.T	23
PHEAT+1277	proteomics_heat	444123	444176	+	3	11	R.GIEGSSLDVPENIVHSGK.T	22
PHEAT+1278	proteomics_heat	444177	444197	+	3	3	K.TWFVEAK.L	11
PHEAT+1279	proteomics_heat	444198	444230	+	3	19	K.LKQGIESATQK.K	15
PHEAT+1280	proteomics_heat	444261	444299	+	3	9	K.LKVQAQIQGDEIR.V	17
PHEAT+1281	proteomics_heat	444267	444299	+	3	5	K.VQAQIQGDEIR.V	15
PHEAT+1282	proteomics_heat	444312	444350	+	3	10	K.SRDDLQAVMAMVR.G	17
PHEAT+1283	proteomics_heat	444351	444383	+	3	3	R.GGDLGQPFQFK.N	15
PHEAT+1284	proteomics_heat	453732	453779	+	3	29	R.AAFQPVFLEVVDSEYR.H	20
PHEAT+1285	proteomics_heat	453870	453944	+	3	13	R.MIYSTLAEELSTTVHALALHTYTIK.E	29
PHEAT+1286	proteomics_heat	453945	453992	+	3	2	K.EWEGLQDTV FASPPCR.G	20
PHEAT+1287	proteomics_heat	454357	454395	+	1	12	K.MQVSVETTQGLGR.R	17
PHEAT+1288	proteomics_heat	454396	454443	+	1	31	R.RVTITIAADSIETAVK.S	20
PHEAT+1289	proteomics_heat	454396	454467	+	1	9	R.RVTITIAADSIETAVKSELVNAK.K	28
PHEAT+1290	proteomics_heat	454399	454443	+	1	12	R.VTITIAADSIETAVK.S	19

PHEAT+1291	proteomics_heat	454444	454467	+	1	3	K.SELVNVAK.K	12
PHEAT+1292	proteomics_heat	454444	454470	+	1	2	K.SELVNVAKK.V	13
PHEAT+1293	proteomics_heat	454495	454527	+	1	10	K.GKVPNMIVAQR.Y	15
PHEAT+1294	proteomics_heat	454501	454527	+	1	7	K.VPMNIVAQR.Y	13
PHEAT+1295	proteomics_heat	454546	454575	+	1	3	R.QDVLGDLMSR.N	14
PHEAT+1296	proteomics_heat	454600	454650	+	1	8	K.EKINPAGAPTYVPGEYK.L	21
PHEAT+1297	proteomics_heat	454606	454650	+	1	10	K.INPAGAPTYVPGEYK.L	19
PHEAT+1298	proteomics_heat	454813	454845	+	1	3	K.EKDGAVEAEDR.V	15
PHEAT+1299	proteomics_heat	454846	454899	+	1	26	R.VTIDFTGSVDGEEFEGGK.A	22
PHEAT+1300	proteomics_heat	454900	454935	+	1	16	K.ASDFVLAMGQGR.M	16
PHEAT+1301	proteomics_heat	454936	454965	+	1	2	R.MIPGFEDGIK.G	14
PHEAT+1302	proteomics_heat	454936	454974	+	1	2	R.MIPGFEDGIKGHK.A	17
PHEAT+1303	proteomics_heat	454975	455037	+	1	45	K.AGEEFTIDVTFPEEYHAENLK.G	25
PHEAT+1304	proteomics_heat	455086	455118	+	1	6	R.ELPELTAEFIK.R	15
PHEAT+1305	proteomics_heat	455086	455121	+	1	3	R.ELPELTAEFIKR.F	16
PHEAT+1306	proteomics_heat	455122	455157	+	1	9	R.FGVEDGSVEGLR.A	16
PHEAT+1307	proteomics_heat	455212	455244	+	1	5	R.VKSQAIEGLVK.A	15
PHEAT+1308	proteomics_heat	455218	455244	+	1	4	K.SQAIEGLVK.A	13
PHEAT+1309	proteomics_heat	455245	455301	+	1	22	K.ANDIDVPAALIDSEIDVLR.R	23
PHEAT+1310	proteomics_heat	455359	455385	+	1	2	R.ELFEEQAKR.R	13
PHEAT+1311	proteomics_heat	455359	455382	+	1	5	R.ELFEEQAK.R	12
PHEAT+1312	proteomics_heat	455389	455424	+	1	86	R.VVVGLLLGEVIR.T	16
PHEAT+1313	proteomics_heat	455425	455454	+	1	11	R.TNELKADEER.V	14
PHEAT+1314	proteomics_heat	455455	455526	+	1	9	R.VKGLIEEMASAYEDPKEVIEFYK.N	28
PHEAT+1315	proteomics_heat	455461	455526	+	1	59	K.GLIEEMASAYEDPKEVIEFYK.N	26
PHEAT+1316	proteomics_heat	455503	455526	+	1	2	K.EVIEFYK.N	12
PHEAT+1317	proteomics_heat	455527	455553	+	1	12	K.NKELMDNMR.N	13
PHEAT+1318	proteomics_heat	455554	455598	+	1	38	R.NVALEEQAVEAVLAK.A	19
PHEAT+1319	proteomics_heat	455599	455652	+	1	3	K.AKVTEKETFNELMNQQA.-	22
PHEAT+1320	proteomics_heat	455605	455652	+	1	4	K.VTEKETFNELMNQQA.-	20
PHEAT+1321	proteomics_heat	455943	455978	+	3	2	M.ALVPMVIEQTSR.G	16
PHEAT+1322	proteomics_heat	456267	456362	+	3	4	K.GKRFLPNSRVMIHQPLGGYQGQATDIEIHAR.E	36
PHEAT+1323	proteomics_heat	456297	456362	+	3	25	R.VMIHQPLGGYQGQATDIEIHAR.E	26
PHEAT+1324	proteomics_heat	456330	456362	+	3	2	Q.GQATDIEIHAR.E	15
PHEAT+1325	proteomics_heat	456387	456440	+	3	7	R.MNELMALHTGQSLEQIER.D	22
PHEAT+1326	proteomics_heat	456453	456521	+	3	4	R.DRFLSAPEAVEYGLVDSILTHR.N.-	27
PHEAT+1327	proteomics_heat	456459	456521	+	3	8	R.FLSAPEAVEYGLVDSILTHR.N.-	25
PHEAT+1328	proteomics_heat	456683	456709	+	2	3	K.LLYCSFCGK.S	13
PHEAT+1329	proteomics_heat	456731	456808	+	2	2	K.LIAGPSVYICDECVDLCNDIIREI.K.E	30
PHEAT+1330	proteomics_heat	456731	456796	+	2	3	K.LIAGPSVYICDECVDLCNDIIR.E	26
PHEAT+1331	proteomics_heat	456797	456826	+	2	5	R.EEIKEVAPHR.E	14
PHEAT+1332	proteomics_heat	456863	456907	+	2	2	R.NHLDDYVIGQEQA.K.V	19
PHEAT+1333	proteomics_heat	456863	456904	+	2	7	R.NHLDDYVIGQEQA.K	18
PHEAT+1334	proteomics_heat	456908	456940	+	2	2	K.VLAVAVYNHYK.R	15
PHEAT+1335	proteomics_heat	456944	456985	+	2	4	R.LRNGDTSNGVELGK.S	18
PHEAT+1336	proteomics_heat	456950	456985	+	2	3	R.NGDTSNGVELGK.S	16

PHEAT+1337	proteomics_heat	457052	457141	+	2	47	R.LLDVPFTMADATTLTEAGYVGEDVENIIQK.L	34
PHEAT+1338	proteomics_heat	457154	457174	+	2	2	K.CDYDVQK.A	11
PHEAT+1339	proteomics_heat	457184	457222	+	2	5	R.GIVYIDEIDKISR.K	17
PHEAT+1340	proteomics_heat	457223	457249	+	2	7	R.KSDNPSITR.D	13
PHEAT+1341	proteomics_heat	457250	457288	+	2	3	R.DVSGEGVQQALLK.L	17
PHEAT+1342	proteomics_heat	457337	457375	+	2	2	K.HPQQEFLQVDTSK.I	17
PHEAT+1343	proteomics_heat	457433	457474	+	2	3	R.VETGSGIGFGATVK.A	18
PHEAT+1344	proteomics_heat	457481	457540	+	2	3	K.SDKASEGELLAQVEPEDLIK.F	24
PHEAT+1345	proteomics_heat	457490	457540	+	2	4	K.ASEGELLAQVEPEDLIK.F	21
PHEAT+1346	proteomics_heat	457541	457570	+	2	2	K.FGLIPEFIGR.L	14
PHEAT+1347	proteomics_heat	457571	457639	+	2	84	R.LPVVATLNELSEEALIQLKEPK.N	27
PHEAT+1348	proteomics_heat	457571	457630	+	2	38	R.LPVVATLNELSEEALIQLK.E	24
PHEAT+1349	proteomics_heat	457655	457729	+	2	5	K.QYQALFNLEGVDLEFRDEALDAIAK.K	29
PHEAT+1350	proteomics_heat	457703	457729	+	2	3	R.DEALDAIAK.K	13
PHEAT+1351	proteomics_heat	457769	457834	+	2	11	R.SIVEAALLDTMYDLPSMEDVEK.V	26
PHEAT+1352	proteomics_heat	457835	457921	+	2	4	K.VVIDESVIDGQSKPLLIYGKPEAQQASGE.-	33
PHEAT+1353	proteomics_heat	458127	458210	+	3	3	R.SERIEIPVPLLRDVVVYPHVMVPLFVGR.E	32
PHEAT+1354	proteomics_heat	458136	458210	+	3	5	R.IEIPVPLLRDVVVYPHVMVPLFVGR.E	29
PHEAT+1355	proteomics_heat	458163	458210	+	3	6	R.DVVVYPHVMVPLFVGR.E	20
PHEAT+1356	proteomics_heat	458226	458258	+	3	2	R.CLEAAMDHDKK.I	15
PHEAT+1357	proteomics_heat	458259	458279	+	3	2	K.IMLVAQK.E	11
PHEAT+1358	proteomics_heat	458280	458357	+	3	21	K.EASTDEPGVNDLFTVGTVASILQMLK.L	30
PHEAT+1359	proteomics_heat	458409	458450	+	3	7	R.ISALSDNGEHFSAK.A	18
PHEAT+1360	proteomics_heat	458451	458486	+	3	3	K.AEYLESPTIDER.E	16
PHEAT+1361	proteomics_heat	458508	458540	+	3	6	R.TAISQFEGYIK.L	15
PHEAT+1362	proteomics_heat	458553	458603	+	3	3	K.IPPEVLTSLNSIDDPAR.L	21
PHEAT+1363	proteomics_heat	458604	458639	+	3	5	R.LADTIAAHMPLK.L	16
PHEAT+1364	proteomics_heat	458790	458816	+	3	2	R.EYYLNEQMK.A	13
PHEAT+1365	proteomics_heat	458829	458876	+	3	2	K.ELGEMDDAPDENEALK.R	20
PHEAT+1366	proteomics_heat	458829	458879	+	3	2	K.ELGEMDDAPDENEALKR.K	21
PHEAT+1367	proteomics_heat	458949	458987	+	3	2	K.MMSPMSAEATVVR.G	17
PHEAT+1368	proteomics_heat	458988	459029	+	3	2	R.GYIDWMVQVPWNAR.S	18
PHEAT+1369	proteomics_heat	459054	459098	+	3	5	R.QAQEILDTDHYGLER.V	19
PHEAT+1370	proteomics_heat	459111	459140	+	3	2	R.ILEYLAVQSR.V	14
PHEAT+1371	proteomics_heat	459150	459197	+	3	6	K.IKGPICLVGGPPGVGK.T	20
PHEAT+1372	proteomics_heat	459249	459287	+	3	2	R.MALGGVRDEAEIR.G	17
PHEAT+1373	proteomics_heat	459348	459392	+	3	4	K.VGVKNPLFLLDEIDK.M	19
PHEAT+1374	proteomics_heat	459348	459410	+	3	3	K.VGVKNPLFLLDEIDKMSSDMR.G	25
PHEAT+1375	proteomics_heat	459360	459392	+	3	5	K.NPLFLLDEIDK.M	15
PHEAT+1376	proteomics_heat	459360	459410	+	3	7	K.NPLFLLDEIDKMSSDMR.G	21
PHEAT+1377	proteomics_heat	459579	459620	+	3	3	R.LSGYTEDEKLNIAK.R	18
PHEAT+1378	proteomics_heat	459663	459710	+	3	15	K.KGELTVDDSAIIGIIR.Y	20
PHEAT+1379	proteomics_heat	459810	459860	+	3	7	K.HIEINGDNLHDYGLVQR.F	21
PHEAT+1380	proteomics_heat	459975	460049	+	3	3	K.GKLYTGSLSGEVMQESIQAALTVVR.A	29
PHEAT+1381	proteomics_heat	459981	460049	+	3	27	K.LTYTGSLSGEVMQESIQAALTVVR.A	27
PHEAT+1382	proteomics_heat	460098	460136	+	3	8	R.DIHVHVPEGATPK.D	17

PHEAT+1383	proteomics_heat	460137	460205	+	3	6	K.DGPSAGIAMCTALVSLTGNPVR.A	27
PHEAT+1384	proteomics_heat	460242	460271	+	3	4	R.GQVLPIGGLK.E	14
PHEAT+1385	proteomics_heat	460338	460397	+	3	2	R.DLEEIPDNVIADLDIHPVKR.I	24
PHEAT+1386	proteomics_heat	460338	460394	+	3	2	R.DLEEIPDNVIADLDIHPVK.R	23
PHEAT+1387	proteomics_heat	460398	460463	+	3	7	R.IEEVLTALQNEPSGMQVVTAK.-	26
PHEAT+1388	proteomics_heat	460693	460728	+	1	2	L.IDKIAAGADISK.A	16
PHEAT+1389	proteomics_heat	460702	460728	+	1	15	K.IAAGADISK.A	13
PHEAT+1390	proteomics_heat	460744	460833	+	1	919	R.ALDAIIASVTESLKEGDDVALVGFGTFAVK.E	34
PHEAT+1391	proteomics_heat	460744	460785	+	1	11	R.ALDAIIASVTESLK.E	18
PHEAT+1392	proteomics_heat	460786	460833	+	1	7	K.EGDDVALVGFGTFAVK.E	20
PHEAT+1393	proteomics_heat	460858	460899	+	1	2	R.NPQTGKEITIAAAK.V	18
PHEAT+1394	proteomics_heat	461295	461327	+	3	3	R.GQFENAFNSER.N	15
PHEAT+1395	proteomics_heat	461334	461393	+	3	4	R.MQQQLGDQYSELAANEGYMK.T	24
PHEAT+1396	proteomics_heat	461421	461456	+	3	3	R.LIDEALLDQYAR.E	16
PHEAT+1397	proteomics_heat	461466	461492	+	3	4	K.LGISDEQVK.Q	13
PHEAT+1398	proteomics_heat	461550	461609	+	3	6	R.YNGILNQMGMTADQYAQALR.N	24
PHEAT+1399	proteomics_heat	461610	461669	+	3	3	R.NQLTTQQLINGVAGTDFMLK.G	24
PHEAT+1400	proteomics_heat	461610	461711	+	3	4	R.NQLTTQQLINGVAGTDFMLKGETDELAALVAQQR.V	38
PHEAT+1401	proteomics_heat	461721	461756	+	3	2	R.EATIDVNALAAK.Q	16
PHEAT+1402	proteomics_heat	461757	461804	+	3	2	K.QPVTEQEIASYYEQNK.N	20
PHEAT+1403	proteomics_heat	461850	461942	+	3	2	K.LDAATMQQPVSDADIQSYYDQHQQDFTQPQR.T	35
PHEAT+1404	proteomics_heat	461949	461969	+	3	2	R.YSIIQTK.T	11
PHEAT+1405	proteomics_heat	461988	462038	+	3	5	K.AVLDELNKGGDFAALAK.E	21
PHEAT+1406	proteomics_heat	462039	462068	+	3	2	K.EKSADIIISAR.N	14
PHEAT+1407	proteomics_heat	462069	462137	+	3	3	R.NGGDMGWLEDATIPDELKNAGLK.E	27
PHEAT+1408	proteomics_heat	462069	462122	+	3	2	R.NGGDMGWLEDATIPDELK.N	22
PHEAT+1409	proteomics_heat	462195	462218	+	3	6	R.LDDIQPAK.V	12
PHEAT+1410	proteomics_heat	462309	462374	+	3	15	K.VSDAASNDTESLAGAEQAAGVK.A	26
PHEAT+1411	proteomics_heat	462402	462524	+	3	3	K.DNLPEELNFKPVADAIIFNGGLVGENGAPGINSDIITVDGDR.A	45
PHEAT+1412	proteomics_heat	462540	462599	+	3	3	R.ISEHKPEAVKPLADVQEYQVK.A	24
PHEAT+1413	proteomics_heat	462681	462713	+	3	6	K.GAEAMQAAGLK.F	15
PHEAT+1414	proteomics_heat	462741	462794	+	3	10	R.SGRDPISQAALPLPAK.D	22
PHEAT+1415	proteomics_heat	462795	462866	+	3	4	K.DKPSYGMATDMQGNVLLALDEVK.Q	28
PHEAT+1416	proteomics_heat	462897	462965	+	3	6	K.AMVQGITQNNAQIVFEALMSNLR.K	27
PHEAT+1417	proteomics_heat	462897	462968	+	3	3	K.AMVQGITQNNAQIVFEALMSNLRK.E	28
PHEAT+1418	proteomics_heat	470859	470912	+	3	2	D.RPLQSGTIEVDNVSFAYR.D	22
PHEAT+1419	proteomics_heat	474780	474851	+	3	6	K.VALPPDAVLTVTLSDASLADAPSK.V	28
PHEAT+1420	proteomics_heat	474888	474947	+	3	2	K.QSPFSFVLSFNPADVQPNAR.I	24
PHEAT+1421	proteomics_heat	474984	475037	+	3	6	K.LVFITDTVQPVINQGGTK.A	22
PHEAT+1422	proteomics_heat	485955	486008	+	3	2	K.LVQQDLTDLATLDKIDR.I	22
PHEAT+1423	proteomics_heat	486261	486308	+	3	3	R.VQNAMYNASQQQLQQR.S	20
PHEAT+1424	proteomics_heat	486309	486362	+	3	2	R.SRLDGTDVGETALRPSQK.V	22
PHEAT+1425	proteomics_heat	486468	486494	+	3	4	R.DYVTANSAR.L	13
PHEAT+1426	proteomics_heat	486495	486539	+	3	3	R.LEHQLQLLQEAVNSK.R	19
PHEAT+1427	proteomics_heat	486660	486710	+	3	2	R.LITATENGNQLMQQNIK.V	21
PHEAT+1428	proteomics_heat	489084	489119	+	3	4	R.DYKGDDPTPAVG.-	16



PHEAT+1429	proteomics_heat	490639	490671	+	1	3	M.TATAQQLEYLK.N	15
PHEAT+1430	proteomics_heat	490684	490722	+	1	4	K.SIQDYPKPGILFR.D	17
PHEAT+1431	proteomics_heat	490723	490752	+	1	3	R.DVTSLLEDPK.A	14
PHEAT+1432	proteomics_heat	490723	490788	+	1	4	R.DVTSLLEDPKAYALSIDLLVER.Y	26
PHEAT+1433	proteomics_heat	490834	490893	+	1	63	R.GFLFGAPVALGLGVGFVPRV.R.K	24
PHEAT+1434	proteomics_heat	490834	490905	+	1	2	R.GFLFGAPVALGLGVGFVPRV.R.KPGK.L	28
PHEAT+1435	proteomics_heat	490999	491055	+	1	41	K.VLVVDDLLATGGTIEATVK.L	23
PHEAT+1436	proteomics_heat	491065	491133	+	1	18	R.RLGGEVADAAFIINLFDLGGEQR.L	27
PHEAT+1437	proteomics_heat	491068	491133	+	1	33	R.LGGEVADAAFIINLFDLGGEQR.L	26
PHEAT+1438	proteomics_heat	491143	491184	+	1	3	K.QGITSYSLVFPFGH.-	18
PHEAT+1439	proteomics_heat	491631	491666	+	3	3	R.DLLDNVQYAPAR.G	16
PHEAT+1440	proteomics_heat	491769	491822	+	3	2	K.FLLATDPQKLPVTILSR.C	22
PHEAT+1441	proteomics_heat	492189	492251	+	3	3	R.IAMVQLSPAALGNDMAAIELR.M	25
PHEAT+1442	proteomics_heat	493369	493428	+	1	19	K.MQEEIAQLEVTGESGAGLVK.V	24
PHEAT+1443	proteomics_heat	493429	493458	+	1	2	K.VTINGAHNCR.R	14
PHEAT+1444	proteomics_heat	493459	493545	+	1	29	R.RVEIDPSLLEDDKEMLEDLVAAAFNDAAR.R	33
PHEAT+1445	proteomics_heat	493462	493545	+	1	7	R.VEIDPSLLEDDKEMLEDLVAAAFNDAAR.R	32
PHEAT+1446	proteomics_heat	493573	493617	+	1	9	K.MASVSSGMQLPPGFK.M	19
PHEAT+1447	proteomics_heat	493776	493811	+	3	2	R.AMSEIGHCADCR.T	16
PHEAT+1448	proteomics_heat	493941	494021	+	3	2	R.YFVLMGHLSPLDGIGPDDIGLDRLEQR.L	31
PHEAT+1449	proteomics_heat	494139	494216	+	3	3	R.IAHGVPVGGEELEMVDGTTLSHSLAGR.H	30
PHEAT+1450	proteomics_heat	494386	494427	+	1	4	K.QLLHLMIHSLYSNK.E	18
PHEAT+1451	proteomics_heat	494398	494427	+	1	3	H.LMIHSLYSNK.E	14
PHEAT+1452	proteomics_heat	494443	494484	+	1	6	R.ELISNASDAADKLR.F	18
PHEAT+1453	proteomics_heat	494443	494478	+	1	3	R.ELISNASDAADK.L	16
PHEAT+1454	proteomics_heat	494491	494535	+	1	12	R.ALSNPDLYEGDGELR.V	19
PHEAT+1455	proteomics_heat	494542	494562	+	1	2	R.VSFDKDK.R	11
PHEAT+1456	proteomics_heat	494566	494640	+	1	5	R.TLTISDNGVGMTRDEVIDHLGTIAK.S	29
PHEAT+1457	proteomics_heat	494566	494604	+	1	5	R.TLTISDNGVGMTR.D	17
PHEAT+1458	proteomics_heat	494605	494640	+	1	6	R.DEVIDHLGTIAK.S	16
PHEAT+1459	proteomics_heat	494653	494688	+	1	3	K.SFLESLGSDQAK.D	16
PHEAT+1460	proteomics_heat	494770	494850	+	1	21	R.AAGEKPENGVFWESAGEGEYTVADITK.E	31
PHEAT+1461	proteomics_heat	494770	494859	+	1	3	R.AAGEKPENGVFWESAGEGEYTVADITKEDR.G	34
PHEAT+1462	proteomics_heat	494800	494850	+	1	15	V.FWESAGEGEYTVADITK.E	21
PHEAT+1463	proteomics_heat	494860	494886	+	1	4	R.GTEITLHLR.E	13
PHEAT+1464	proteomics_heat	494887	494919	+	1	4	R.EGEDEFLLDWR.V	15
PHEAT+1465	proteomics_heat	494941	494982	+	1	14	K.YSDHIALPVEIEK.R	18
PHEAT+1466	proteomics_heat	494941	494979	+	1	5	K.YSDHIALPVEIEK.R	17
PHEAT+1467	proteomics_heat	494980	495021	+	1	5	K.REEKDGETVISWEK.I	18
PHEAT+1468	proteomics_heat	494983	495021	+	1	4	R.EEKDGETVISWEK.I	17
PHEAT+1469	proteomics_heat	494992	495021	+	1	4	K.DGETVISWEK.I	14
PHEAT+1470	proteomics_heat	495052	495096	+	1	19	R.NKSEITDEEYKEYK.H	19
PHEAT+1471	proteomics_heat	495058	495096	+	1	6	K.SEITDEEYKEYK.H	17
PHEAT+1472	proteomics_heat	495157	495216	+	1	11	K.QEYTSLLYIPQAPWDMWNR.D	24
PHEAT+1473	proteomics_heat	495253	495300	+	1	15	R.VFIMDDAEQFMPNYLR.F	20
PHEAT+1474	proteomics_heat	495310	495351	+	1	9	R.GLIDSSDLPLNVS.R.E	18

PHEAT+1475	proteomics_heat	495352	495381	+	1	8	R.EILQDSTVTR.N	14
PHEAT+1476	proteomics_heat	495409	495429	+	1	3	R.VLQMLEK.L	11
PHEAT+1477	proteomics_heat	495430	495492	+	1	10	K.LAKDDAEKYQTFWQQFGLVLK.E	25
PHEAT+1478	proteomics_heat	495454	495492	+	1	27	K.YQTFWQQFGLVLK.E	17
PHEAT+1479	proteomics_heat	495493	495537	+	1	16	K.EGPAEDFANQEAIK.L	19
PHEAT+1480	proteomics_heat	495547	495609	+	1	15	R.FASTHTDSSAQTVSLEDYVSR.M	25
PHEAT+1481	proteomics_heat	495631	495669	+	1	2	K.IYYITADSYAAAK.S	17
PHEAT+1482	proteomics_heat	495670	495696	+	1	2	K.SSPHLELLR.K	13
PHEAT+1483	proteomics_heat	495733	495798	+	1	9	R.IDEWMMNYLTFDGGKPFQSVSK.V	26
PHEAT+1484	proteomics_heat	495820	495849	+	1	6	K.LADEVDESAK.E	14
PHEAT+1485	proteomics_heat	495820	495861	+	1	2	K.LADEVDESAKEAEK.A	18
PHEAT+1486	proteomics_heat	495937	495999	+	1	5	R.LTDTPAIVSTDADEMSTQMAK.L	25
PHEAT+1487	proteomics_heat	495970	495999	+	1	2	D.ADEMSTQMAK.L	14
PHEAT+1488	proteomics_heat	496000	496023	+	1	4	K.LFAAAGQK.V	12
PHEAT+1489	proteomics_heat	496039	496077	+	1	7	K.YIFELNPDHVLVK.R	17
PHEAT+1490	proteomics_heat	496039	496080	+	1	4	K.YIFELNPDHVLVKR.A	18
PHEAT+1491	proteomics_heat	496108	496158	+	1	8	K.FSEWVELLLDQALLAER.G	21
PHEAT+1492	proteomics_heat	496405	496437	+	1	7	R.IILLGAPGAGK.G	15
PHEAT+1493	proteomics_heat	496438	496467	+	1	5	K.GTQAQFIMEK.Y	14
PHEAT+1494	proteomics_heat	496468	496506	+	1	5	K.YGIPQISTGDMMLR.A	17
PHEAT+1495	proteomics_heat	496549	496569	+	1	4	K.DIMDAGK.L	11
PHEAT+1496	proteomics_heat	496570	496605	+	1	26	K.LVTDELVIALVK.E	16
PHEAT+1497	proteomics_heat	496633	496662	+	1	11	R.NGFLLDGFPR.T	14
PHEAT+1498	proteomics_heat	496690	496755	+	1	20	K.EAGINVDYVLEFDVPDELIVDR.I	26
PHEAT+1499	proteomics_heat	496822	496866	+	1	6	K.VEGKDDVTGEELTR.K	19
PHEAT+1500	proteomics_heat	496834	496866	+	1	14	K.DDVTGEELTR.K	15
PHEAT+1501	proteomics_heat	496867	496896	+	1	2	R.KDDQEETVRK.R	14
PHEAT+1502	proteomics_heat	496897	496950	+	1	2	K.RLVEYHQMTAPLIGYYSK.E	22
PHEAT+1503	proteomics_heat	496900	496950	+	1	13	R.LVEYHQMTAPLIGYYSK.E	21
PHEAT+1504	proteomics_heat	496984	497016	+	1	9	K.VDGTKPVAEVR.A	15
PHEAT+1505	proteomics_heat	496984	497010	+	1	2	K.VDGTKPVAE.V	13
PHEAT+1506	proteomics_heat	497876	497908	+	2	2	R.YADEGDDYPQR.C	15
PHEAT+1507	proteomics_heat	499520	499591	+	2	4	R.YGLSAGHSLVIEDDVAEALYQELK.Q	28
PHEAT+1508	proteomics_heat	499598	499675	+	2	6	K.NLITHQFAGGTIGNTMHNYSVLADDR.S	30
PHEAT+1509	proteomics_heat	499757	499801	+	2	3	R.TDLNLYQGVDGPIGR.C	19
PHEAT+1510	proteomics_heat	499874	499942	+	2	2	R.AESIPEDVIAGASALVLTSYLVR.C	27
PHEAT+1511	proteomics_heat	500039	500083	+	2	3	K.FVIAENPQWWQQFLK.D	19
PHEAT+1512	proteomics_heat	500258	500317	+	2	5	K.TQHPLLPGAIAEFNQYEFSA.A	24
PHEAT+1513	proteomics_heat	500354	500395	+	2	3	R.VYSHIAPYMGGPEK.I	18
PHEAT+1514	proteomics_heat	500558	500593	+	2	2	R.VSYQVLNQHSR.L	16
PHEAT+1515	proteomics_heat	500603	500650	+	2	3	R.GLPEREDSLEESYWDR.-	20
PHEAT+1516	proteomics_heat	504213	504236	+	3	2	A.YEQDKTYK.I	12
PHEAT+1517	proteomics_heat	504342	504443	+	3	28	K.EVAAEGGSVLLSGGDINTGVPESDLQDAEPDFR.G	38
PHEAT+1518	proteomics_heat	504444	504518	+	3	5	R.GMNLVGYDAMAIGNHEFDNPLTVLR.Q	29
PHEAT+1519	proteomics_heat	504630	504668	+	3	2	K.IAVIGLTTDDTAK.I	17
PHEAT+1520	proteomics_heat	504879	504932	+	3	3	M.IVGGHSQDPVCMAAENKK.Q	22

PHEAT+1521	proteomics_heat	505062	505100	+	3	3	K.MVNYQLIPVNLKK.K	17
PHEAT+1522	proteomics_heat	505134	505202	+	3	8	R.VLYTPEIAENQQMISLLSPFQNK.G	27
PHEAT+1523	proteomics_heat	505368	505400	+	3	4	R.DSIEAGDISYK.N	15
PHEAT+1524	proteomics_heat	505461	505550	+	3	3	K.EVIDYLTAVAQMKPDSGAYPQFANVSFVAK.D	34
PHEAT+1525	proteomics_heat	505581	505670	+	3	2	K.GEPVDPAKTYRMATLNFNATGGDGYPRLDN.K	34
PHEAT+1526	proteomics_heat	505614	505661	+	3	3	R.MATLNFNATGGDGYPR.L	20
PHEAT+1527	proteomics_heat	505662	505718	+	3	2	R.LDNKPGYVNTGFIDAEVLK.A	23
PHEAT+1528	proteomics_heat	507460	507519	+	1	3	R.KPTTPGDILLYEYLEPLDLK.I	24
PHEAT+1529	proteomics_heat	507556	507588	+	1	2	R.NSVSALINNNR.K	15
PHEAT+1530	proteomics_heat	511072	511128	+	1	2	K.VCTLALALEVDVGPQAVQDK.I	23
PHEAT+1531	proteomics_heat	511447	511536	+	1	2	R.QCSTLLNTIELATLGATLAAGGVNPLTHKR.V	34
PHEAT+1532	proteomics_heat	511642	511737	+	1	3	K.SGVGGGILAVVPGVMGIAAFSPPLDEDGNSVR.G	36
PHEAT+1533	proteomics_heat	513328	513369	+	1	2	R.TYTQQHLNELTLR.Q	18
PHEAT+1534	proteomics_heat	515296	515382	+	1	2	K.IVASLISPTSGTLLFEGEDVSTLKPEIYR.Q	33
PHEAT+1535	proteomics_heat	515467	515511	+	1	3	R.NRQPDPAIFLDFLER.F	19
PHEAT+1536	proteomics_heat	515614	515688	+	1	2	K.VLLLDEITSALDES NKHNVNEMIHR.Y	29
PHEAT+1537	proteomics_heat	515761	515805	+	1	2	K.VITLQPHAGEMQEAR.Y	19
PHEAT+1538	proteomics_heat	532256	532291	+	2	6	R.GRPGQAEPAQK.G	16
PHEAT+1539	proteomics_heat	532313	532342	+	2	2	R.GIAILQYLEK.S	14
PHEAT+1540	proteomics_heat	532343	532411	+	2	6	K.SGGSSVS DISLNL DPLSTTFR.L	27
PHEAT+1541	proteomics_heat	532601	532642	+	2	2	R.NGNEAVLIGQLECK.S	18
PHEAT+1542	proteomics_heat	532679	532708	+	2	8	R.LPLHASGAGK.A	14
PHEAT+1543	proteomics_heat	532958	532999	+	2	2	R.LTEDRFVSQGELVR.D	18
PHEAT+1544	proteomics_heat	532973	532999	+	2	2	R.FVSQGELVR.D	13
PHEAT+1545	proteomics_heat	539557	539607	+	1	6	A.AMFLPMTIWNIA TK SAR.M	21
PHEAT+1546	proteomics_heat	554062	554106	+	1	2	K.RANENGESFVAMVDR.M	19
PHEAT+1547	proteomics_heat	554128	554172	+	1	2	K.DFDALNILR PDM EPR.A	19
PHEAT+1548	proteomics_heat	554152	554172	+	1	3	L.RPDM EPR.A	11
PHEAT+1549	proteomics_heat	554173	554226	+	1	4	R.ATHHIAEIIELTEQLIAK.G	22
PHEAT+1550	proteomics_heat	554227	554304	+	1	3	K.GHAYVADNGDVMFDVPTDPTYGVLSR.Q	30
PHEAT+1551	proteomics_heat	554305	554337	+	1	3	R.QDL DQLQAGAR.V	15
PHEAT+1552	proteomics_heat	554338	554388	+	1	3	R.VDVVDDKRNPMD FVLWK.M	21
PHEAT+1553	proteomics_heat	554398	554478	+	1	3	K.EGEPSPWSPWGAGRPGWHIECSAMNCK.Q	31
PHEAT+1554	proteomics_heat	554440	554478	+	1	4	R.PGWHIECSAMNCK.Q	17
PHEAT+1555	proteomics_heat	554704	554730	+	1	3	R.YFLMSGHYR.S	13
PHEAT+1556	proteomics_heat	554731	554763	+	1	2	R.SQLNYSEENLK.Q	15
PHEAT+1557	proteomics_heat	554806	554856	+	1	2	R.GTDKTVAPAGGEAFEAR.F	21
PHEAT+1558	proteomics_heat	554818	554856	+	1	2	K.TVAPAGGEAFEAR.F	17
PHEAT+1559	proteomics_heat	554857	554925	+	1	4	R.FIEAMDDDFNTPEAYSVLFDMAR.E	27
PHEAT+1560	proteomics_heat	554938	554988	+	1	8	R.LKAEDMAAANAMASHLR.K	21
PHEAT+1561	proteomics_heat	554944	554988	+	1	4	K.AEDMAAANAMASHLR.K	19
PHEAT+1562	proteomics_heat	554992	555102	+	1	4	K.LSAVLGLLEQEPEAF LQSGAQADDSEVAEIALIQQR.L	41
PHEAT+1563	proteomics_heat	555049	555102	+	1	7	G.AQADDSEVAEIALIQQR.L	22
PHEAT+1564	proteomics_heat	555124	555150	+	1	7	K.DWAAADAAR.D	13
PHEAT+1565	proteomics_heat	555151	555210	+	1	2	R.DRLNEMGIVLEDGPQGTWR.R	24
PHEAT+1566	proteomics_heat	555157	555210	+	1	2	R.LNEMGIVLEDGPQGTWR.R	22

PHEAT+1567	proteomics_heat	566140	566196	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1568	proteomics_heat	566140	566196	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1569	proteomics_heat	566140	566196	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1570	proteomics_heat	566140	566196	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1571	proteomics_heat	566140	566196	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1572	proteomics_heat	568041	568061	+	3	3	T.LIVFLNK.K	11
PHEAT+1573	proteomics_heat	596621	596674	+	2	2	K.VAFNFVQQGNLSLLQDIK.V	22
PHEAT+1574	proteomics_heat	607288	607365	+	1	3	P.MNYSHDNWSAILAHIGKPEELDTSAR.N	30
PHEAT+1575	proteomics_heat	607288	607365	+	1	3	P.MNYSHDNWSAILAHIGKPEELDTSAR.N	30
PHEAT+1576	proteomics_heat	607288	607365	+	1	3	P.MNYSHDNWSAILAHIGKPEELDTSAR.N	30
PHEAT+1577	proteomics_heat	616002	616088	+	3	2	R.VMQALPDVEQAVTHACVINQAAATGGDAR.Q	33
PHEAT+1578	proteomics_heat	622300	622362	+	1	6	Q.IGFLYAAIPLGAAIGALTSQK.L	25
PHEAT+1579	proteomics_heat	624618	624710	+	3	3	R.LIAQNPVSYNFHVPLADGGVLLGASPELLLR.K	35
PHEAT+1580	proteomics_heat	624876	624959	+	3	2	R.SSELHVPSSPQLITPTLWHLATPFEGK.A	32
PHEAT+1581	proteomics_heat	626250	626321	+	3	3	R.IPAEIGCQLQQVFGMAEGLVNYTR.L	28
PHEAT+1582	proteomics_heat	627121	627159	+	1	4	K.QHNIPVYYTAQPK.E	17
PHEAT+1583	proteomics_heat	627514	627561	+	1	2	R.VVMTEELLPAPIPASK.A	20
PHEAT+1584	proteomics_heat	627574	627657	+	1	2	R.EVILPLLDESDEPFDDNLIDYGLDSVR.M	32
PHEAT+1585	proteomics_heat	628077	628130	+	3	2	A.VNVGGAFNLFQQTMNQFR.R	22
PHEAT+1586	proteomics_heat	629336	629374	+	2	2	R.HNDGLDYVPTDKK.V	17
PHEAT+1587	proteomics_heat	632842	632946	+	1	2	K.LPQLGTTIFTQMSALAQHQAINLSQGFDFDGP.R.Y	39
PHEAT+1588	proteomics_heat	632962	633027	+	1	3	R.LAHHVAQGANQYAPMTGVQALR.E	26
PHEAT+1589	proteomics_heat	633055	633147	+	1	56	R.LYGYPDADSDITVTAGATEALYAITALVR.N	35
PHEAT+1590	proteomics_heat	633148	633228	+	1	6	R.NGDEVICFDPSYDYAPAIALSGGIVK.R	31
PHEAT+1591	proteomics_heat	633541	633585	+	1	3	K.VGYCVAPAPISAEIR.K	19
PHEAT+1592	proteomics_heat	633589	633654	+	1	5	K.VHQYLTFVNTPAQLALADMLR.A	26
PHEAT+1593	proteomics_heat	638219	638263	+	2	56	K.NGEFIEITEKDTEGR.W	19
PHEAT+1594	proteomics_heat	638219	638248	+	2	17	K.NGEFIEITEK.D	14
PHEAT+1595	proteomics_heat	638264	638356	+	2	17	R.WSVFFFYPADFTFVCPTELGDVADHYEELQK.L	35
PHEAT+1596	proteomics_heat	638276	638356	+	2	2	F.FFYPADFTFVCPTELGDVADHYEELQK.L	31
PHEAT+1597	proteomics_heat	638303	638356	+	2	3	F.VCPTELGDVADHYEELQK.L	22
PHEAT+1598	proteomics_heat	638309	638356	+	2	2	C.PTELGDVADHYEELQK.L	20
PHEAT+1599	proteomics_heat	638357	638407	+	2	174	K.LGVVDVAVSTDTHFTHK.A	21
PHEAT+1600	proteomics_heat	638408	638440	+	2	44	K.AWSSSETIAK.I	15
PHEAT+1601	proteomics_heat	638411	638440	+	2	3	A.WSSSETIAK.I	14
PHEAT+1602	proteomics_heat	638441	638485	+	2	5	K.IKYAMIGDPTGALTR.N	19
PHEAT+1603	proteomics_heat	638447	638485	+	2	18	K.YAMIGDPTGALTR.N	17
PHEAT+1604	proteomics_heat	638456	638485	+	2	2	M.IGDPTGALTR.N	14
PHEAT+1605	proteomics_heat	638486	638527	+	2	18	R.NFDNMREDEGLADR.A	18
PHEAT+1606	proteomics_heat	638486	638503	+	2	3	R.NFDNMR.E	10
PHEAT+1607	proteomics_heat	638525	638596	+	2	2	D.RATFVVDPPQGIIQAIEVTAEGIGR.D	28
PHEAT+1608	proteomics_heat	638528	638596	+	2	377	R.ATFVVDPPQGIIQAIEVTAEGIGR.D	27
PHEAT+1609	proteomics_heat	638531	638596	+	2	7	A.TFVVDPPQGIIQAIEVTAEGIGR.D	26
PHEAT+1610	proteomics_heat	638537	638596	+	2	4	F.VVDPPQGIIQAIEVTAEGIGR.D	24
PHEAT+1611	proteomics_heat	638546	638596	+	2	23	D.PQGIIQAIEVTAEGIGR.D	21
PHEAT+1612	proteomics_heat	638597	638617	+	2	4	R.DASDLLR.K	11

PHEAT+1613	proteomics_heat	638621	638674	+	2	2	K.IKAAQYVASHPGEVCPAK.W	22
PHEAT+1614	proteomics_heat	638627	638662	+	2	2	K.AAQYVASHPGEV.C	16
PHEAT+1615	proteomics_heat	638627	638674	+	2	85	K.AAQYVASHPGEVCPAK.W	20
PHEAT+1616	proteomics_heat	638636	638674	+	2	2	Q.YVASHPGEVCPAK.W	17
PHEAT+1617	proteomics_heat	638651	638674	+	2	3	H.PGEVCPAK.W	12
PHEAT+1618	proteomics_heat	638675	638725	+	2	17	K.WKEGEATLAPSLDLVGK.I	21
PHEAT+1619	proteomics_heat	638675	638728	+	2	38	K.WKEGEATLAPSLDLVGKI.-	22
PHEAT+1620	proteomics_heat	638681	638728	+	2	19	K.EGEATLAPSLDLVGKI.-	20
PHEAT+1621	proteomics_heat	638681	638725	+	2	11	K.EGEATLAPSLDLVGK.I	19
PHEAT+1622	proteomics_heat	639024	639071	+	3	6	K.LTKPVELIATLDDSAK.S	20
PHEAT+1623	proteomics_heat	639072	639122	+	3	2	K.SAEIKELLAIEAELSDK.V	21
PHEAT+1624	proteomics_heat	639072	639134	+	3	2	K.SAEIKELLAIEAELSDKVTFK.E	25
PHEAT+1625	proteomics_heat	639072	639158	+	3	3	K.SAEIKELLAIEAELSDKVTFKEDNSLPVR.K	33
PHEAT+1626	proteomics_heat	639087	639134	+	3	14	K.ELLAEIAELSDKVTFK.E	20
PHEAT+1627	proteomics_heat	639087	639158	+	3	16	K.ELLAEIAELSDKVTFKEDNSLPVR.K	28
PHEAT+1628	proteomics_heat	639102	639158	+	3	3	E.IAELSDKVTFKEDNSLPVR.K	23
PHEAT+1629	proteomics_heat	639159	639206	+	3	20	R.KPSFLITNPGSNQGPR.F	20
PHEAT+1630	proteomics_heat	639420	639473	+	3	3	R.IKHTAIDGGTFQNEITDR.N	22
PHEAT+1631	proteomics_heat	639426	639473	+	3	5	K.HTAIDGGTFQNEITDR.N	20
PHEAT+1632	proteomics_heat	639474	639512	+	3	4	R.NVMGVPVAVFVNGK.E	17
PHEAT+1633	proteomics_heat	639708	639764	+	3	18	R.FGGQILDVTVDIENYISVPK.T	23
PHEAT+1634	proteomics_heat	639798	639851	+	3	7	K.VHVDEYDVDVIDSQSASK.L	22
PHEAT+1635	proteomics_heat	639852	639917	+	3	7	K.LIPAAVEGGLHQIETASGAVLK.A	26
PHEAT+1636	proteomics_heat	639924	639950	+	3	3	R.SIIVATGAK.W	13
PHEAT+1637	proteomics_heat	639957	639989	+	3	3	R.NMNVPGEDQYR.T	15
PHEAT+1638	proteomics_heat	639996	640037	+	3	4	K.GVTYCPHCDGPLFK.G	18
PHEAT+1639	proteomics_heat	640047	640148	+	3	10	R.VAVIGGGNSGVEAAIDLAGEHVTLLEFAPEMK.A	38
PHEAT+1640	proteomics_heat	640149	640172	+	3	4	K.ADQVLQDK.L	12
PHEAT+1641	proteomics_heat	640188	640244	+	3	5	K.NVDIILNAQTTEVKGDGSK.V	23
PHEAT+1642	proteomics_heat	640374	640400	+	3	3	R.MGEIIDA.K	13
PHEAT+1643	proteomics_heat	640419	640460	+	3	3	K.GVFAAGDCTTVPYK.Q	18
PHEAT+1644	proteomics_heat	640461	640493	+	3	2	K.QIIATGEGAK.A	15
PHEAT+1645	proteomics_heat	653160	653213	+	3	2	R.HIPGFSQILLAGNLAQAR.M	22
PHEAT+1646	proteomics_heat	656560	656595	+	1	4	K.GFGFITPEDGSK.D	16
PHEAT+1647	proteomics_heat	656596	656640	+	1	24	K.DVFVHFSAIQTNQFK.T	19
PHEAT+1648	proteomics_heat	656641	656691	+	1	2	K.TLAEGQRVEFEITNGAK.G	21
PHEAT+1649	proteomics_heat	658323	658355	+	3	2	K.KGADVLDQAEK.L	15
PHEAT+1650	proteomics_heat	674313	674342	+	3	3	R.DIDALVEQAR.E	14
PHEAT+1651	proteomics_heat	674490	674546	+	3	2	K.ESLWQELADITDKTQLEWR.E	23
PHEAT+1652	proteomics_heat	674547	674627	+	3	6	R.EVFQDLNHHGVYHSGEVVGLGNLVCEK.C	31
PHEAT+1653	proteomics_heat	695029	695076	+	1	5	R.QLQNMNMAQLQAEIAK.H	20
PHEAT+1654	proteomics_heat	695092	695139	+	1	2	R.LGYVTPLAAGAFPLTR.R	20
PHEAT+1655	proteomics_heat	695143	695241	+	1	2	R.HALQYVQPGLALVGDAAHTIHLPLAGQGVNLGYR.D	37
PHEAT+1656	proteomics_heat	703203	703253	+	3	6	R.ALQLPIAVLPVAALLLR.F	21
PHEAT+1657	proteomics_heat	704571	704630	+	3	2	R.GPVAAASAEATPATAAPVAK.P	24
PHEAT+1658	proteomics_heat	704736	704774	+	3	4	K.AVGDDGVAVKPTDK.I	17

PHEAT+1659	proteomics_heat	704811	704852	+	3	4	K.IFNTNHAFCLETEK.G	18
PHEAT+1660	proteomics_heat	704919	704999	+	3	3	R.LVEEGAQVSAGQPILEMDLDYLNANAR.S	31
PHEAT+1661	proteomics_heat	705000	705059	+	3	4	R.SMISPVVCSNIDDFSGLIK.A	24
PHEAT+1662	proteomics_heat	705060	705110	+	3	2	K.AQGHIVAGQTPLYEIKK.-	21
PHEAT+1663	proteomics_heat	705060	705107	+	3	6	K.AQGHIVAGQTPLYEIK.K	20
PHEAT+1664	proteomics_heat	705319	705354	+	1	2	M.SEAEARPTNFIR.Q	16
PHEAT+1665	proteomics_heat	705355	705387	+	1	5	R.QIIDEDLASGK.H	15
PHEAT+1666	proteomics_heat	705409	705453	+	1	4	R.FPPEPNGYLHIGHAK.S	19
PHEAT+1667	proteomics_heat	705454	705492	+	1	3	K.SICLNFGIAQDYK.G	17
PHEAT+1668	proteomics_heat	705610	705666	+	1	14	R.YSSDYFDQLHAYAIELINK.G	23
PHEAT+1669	proteomics_heat	705667	705708	+	1	2	K.GLAYVDELTPEQIR.E	18
PHEAT+1670	proteomics_heat	705838	705876	+	1	2	R.AKIDMASPFIVMR.D	17
PHEAT+1671	proteomics_heat	705931	705999	+	1	2	K.WCIYPMYDFTHCISDALEGITHS.L	27
PHEAT+1672	proteomics_heat	706033	706080	+	1	9	R.LYDWVLDNITIPVHPR.Q	20
PHEAT+1673	proteomics_heat	706132	706158	+	1	3	R.KLNLLVTDK.H	13
PHEAT+1674	proteomics_heat	706135	706158	+	1	3	K.LNLLVTDK.H	12
PHEAT+1675	proteomics_heat	706270	706314	+	1	5	K.QDNTIEMASLESCIR.E	19
PHEAT+1676	proteomics_heat	706315	706341	+	1	3	R.EDLNENAPR.A	13
PHEAT+1677	proteomics_heat	706342	706368	+	1	3	R.AMAVIDPVK.L	13
PHEAT+1678	proteomics_heat	706369	706449	+	1	11	K.LVIENYQGEEMVTMPNHPNKPEMGSR.Q	31
PHEAT+1679	proteomics_heat	706678	706728	+	1	4	K.GVIHWVSAHALPVEIR.L	21
PHEAT+1680	proteomics_heat	706741	706815	+	1	15	R.LFSVPNPGAADDFLSVINPESLVIK.Q	29
PHEAT+1681	proteomics_heat	706741	706791	+	1	3	R.LFSVPNPGAADDFLSVI.N	21
PHEAT+1682	proteomics_heat	706816	706860	+	1	4	K.QGFAEPSLKDAVAGK.A	19
PHEAT+1683	proteomics_heat	712216	712266	+	1	7	K.TIEVDDLYSYIASHTK.H	21
PHEAT+1684	proteomics_heat	712267	712299	+	1	7	K.HIGESASDILR.R	15
PHEAT+1685	proteomics_heat	712312	712350	+	1	3	K.FSAASQPAAPVTK.E	17
PHEAT+1686	proteomics_heat	712360	712398	+	1	6	R.VASPAIVEAKPVK.T	17
PHEAT+1687	proteomics_heat	712429	712467	+	1	4	R.ELLSDEYAEQKR.A	17
PHEAT+1688	proteomics_heat	712624	712674	+	1	8	K.HVPGTPYWVITNTNTGR.K	21
PHEAT+1689	proteomics_heat	712678	712737	+	1	5	K.CSMIEHIMQSMQFPAELIEK.V	24
PHEAT+1690	proteomics_heat	712799	712903	+	2	10	R.AGQPAQQSDLINVAQLTAQYVYVKPEAGNAEHAVK.F	39
PHEAT+1691	proteomics_heat	712940	712996	+	2	7	R.HSFNEPHILAIAQAIAER.A	23
PHEAT+1692	proteomics_heat	713003	713035	+	2	2	K.NGITGPCYVGK.D	15
PHEAT+1693	proteomics_heat	713177	713248	+	2	7	K.KGGPLADGIVITPSHNPPEDGGIK.Y	28
PHEAT+1694	proteomics_heat	713309	713338	+	2	4	R.ANALLADGLK.G	14
PHEAT+1695	proteomics_heat	713351	713389	+	2	4	R.ISLDEAMASGHVK.E	17
PHEAT+1696	proteomics_heat	713390	713458	+	2	22	K.EQDLVQPFVEGLADIVDMAAIQK.A	27
PHEAT+1697	proteomics_heat	713459	713515	+	2	4	K.AGLTLGVDPLGGSGIEYWK.R	23
PHEAT+1698	proteomics_heat	713615	713662	+	2	5	R.MDCSSECAMAGLLALR.D	20
PHEAT+1699	proteomics_heat	713663	713707	+	2	3	R.DKFDLAFANDPDYDR.H	19
PHEAT+1700	proteomics_heat	713708	713755	+	2	3	R.HGIVTPAGLMNPNHYL.A	20
PHEAT+1701	proteomics_heat	713708	713758	+	2	3	R.HGIVTPAGLMNPNHYLA.V	21
PHEAT+1702	proteomics_heat	713978	714061	+	2	11	R.FDGTWPSTDKDGIIMCLLAAEITAVTGK.N	32
PHEAT+1703	proteomics_heat	714062	714094	+	2	8	K.NPQEHYNELAK.R	15
PHEAT+1704	proteomics_heat	714167	714223	+	2	5	K.LSPEMVSASTLAGDPITAR.L	23

PHEAT+1705	proteomics_heat	714224	714268	+	2	3	R.LTAAPGNGASIGGLK.V	19
PHEAT+1706	proteomics_heat	714296	714328	+	2	2	A.ARPSGTEDAYK.I	15
PHEAT+1707	proteomics_heat	714329	714367	+	2	6	K.IYCESFLGEEHRK.Q	17
PHEAT+1708	proteomics_heat	714380	714412	+	2	2	K.EAVEIVSEVLK.N	15
PHEAT+1709	proteomics_heat	742050	742088	+	3	9	K.MKNTELEQLINEK.L	17
PHEAT+1710	proteomics_heat	742056	742088	+	3	2	K.NTELEQLINEK.L	15
PHEAT+1711	proteomics_heat	742089	742145	+	3	3	K.LNSAAISDYAPNGLQVEGK.E	23
PHEAT+1712	proteomics_heat	742161	742211	+	3	6	K.IVTGVTASQALLDEAVR.L	21
PHEAT+1713	proteomics_heat	742212	742256	+	3	3	R.LGADAVIVHHGYFWK.G	19
PHEAT+1714	proteomics_heat	742506	742550	+	3	9	R.KPLWCGDTPPEVVQR.V	19
PHEAT+1715	proteomics_heat	742551	742601	+	3	4	R.VAWCTGGGQSFIDSAAR.F	21
PHEAT+1716	proteomics_heat	742602	742661	+	3	2	R.FGVDAFITGEVSEQTIHSAR.E	24
PHEAT+1717	proteomics_heat	742620	742661	+	3	2	F.ITGEVSEQTIHSAR.E	18
PHEAT+1718	proteomics_heat	742924	742989	+	1	3	R.LVDMPNVVEAIPGMNITVILR.N	26
PHEAT+1719	proteomics_heat	743074	743157	+	1	2	R.FIEIPVYGGAGGPD LAVVAHCLSEK.Q	32
PHEAT+1720	proteomics_heat	744051	744083	+	3	2	R.SPWQLSSQSNR.M	15
PHEAT+1721	proteomics_heat	744237	744335	+	3	7	R.IACII EADMYHLAQIPLGQPIHFVQCSLEEALK.A	37
PHEAT+1722	proteomics_heat	744282	744335	+	3	2	I.PLGQPIHFVQCSLEEALK.A	22
PHEAT+1723	proteomics_heat	745386	745421	+	3	2	R.VVDTGEEPQTTR.V	16
PHEAT+1724	proteomics_heat	745533	745580	+	3	2	R.VGPDVLDPNLTPEVVK.E	20
PHEAT+1725	proteomics_heat	745722	745778	+	3	2	K.DLNAAQLDALAHALLEIPR.F	23
PHEAT+1726	proteomics_heat	754783	754812	+	1	3	R.MVSNASALGR.N	14
PHEAT+1727	proteomics_heat	754786	754812	+	1	4	M.VSNASALGR.N	13
PHEAT+1728	proteomics_heat	755148	755192	+	3	7	R.EFDVAVIGAGGAGMR.A	19
PHEAT+1729	proteomics_heat	755193	755243	+	3	25	R.AALQISQSGQTCALLSK.V	21
PHEAT+1730	proteomics_heat	755352	755399	+	3	10	K.GSDYIGDQDAI EYMCK.T	20
PHEAT+1731	proteomics_heat	755400	755453	+	3	21	K.TGPEAILELHMGLPFSR.L	22
PHEAT+1732	proteomics_heat	755400	755447	+	3	3	K.TGPEAILELHMGLPFS	20
PHEAT+1733	proteomics_heat	755469	755501	+	3	9	R.IYQRPFGGQSK.N	15
PHEAT+1734	proteomics_heat	755502	755528	+	3	3	K.NFGGEQAAR.T	13
PHEAT+1735	proteomics_heat	755550	755594	+	3	2	R.TGHALLHTLYQQNLK.N	19
PHEAT+1736	proteomics_heat	755559	755594	+	3	2	H.ALLHTLYQQNLK.N	16
PHEAT+1737	proteomics_heat	755595	755642	+	3	45	K.NHTTIFSEWYALDLVK.N	20
PHEAT+1738	proteomics_heat	755718	755750	+	3	6	R.ATVLATGGAGR.I	15
PHEAT+1739	proteomics_heat	755751	755813	+	3	2	R.IYQSTTNAHINTGDGVGM AIR.A	25
PHEAT+1740	proteomics_heat	755814	755903	+	3	26	R.AGVPVQDMEMWQFHPTGIAGAGVLVTEGCR.G	34
PHEAT+1741	proteomics_heat	755904	755930	+	3	2	R.GEGGYLLNK.H	13
PHEAT+1742	proteomics_heat	756033	756065	+	3	4	R.GCDGPWGP HAK.L	15
PHEAT+1743	proteomics_heat	756108	756134	+	3	3	R.LPGILELSR.T	13
PHEAT+1744	proteomics_heat	756135	756218	+	3	17	R.TFAHVDPVKEIPV IPTCHYMMGGIPTK.V	32
PHEAT+1745	proteomics_heat	756135	756191	+	3	2	R.TFAHVDPVKEIPV IPTCH.Y	23
PHEAT+1746	proteomics_heat	756135	756197	+	3	5	R.TFAHVDPVKEIPV IPTCHYM.M	25
PHEAT+1747	proteomics_heat	756138	756218	+	3	2	T.FAHVDPVKEIPV IPTCHYMMGGIPTK.V	31
PHEAT+1748	proteomics_heat	756219	756251	+	3	4	K.VTGQALTVNEK.G	15
PHEAT+1749	proteomics_heat	756252	756326	+	3	3	K.GEDVVVPGLFAVGEIACVSVHGANR.L	29
PHEAT+1750	proteomics_heat	756327	756368	+	3	18	R.LGGNSLLDLVVFGR.A	18

PHEAT+1751	proteomics_heat	756369	756419	+	3	125	R.AAGLHLQESIAEQGALR.D	21
PHEAT+1752	proteomics_heat	756420	756458	+	3	41	R.DASESDVEASLDR.L	17
PHEAT+1753	proteomics_heat	756483	756512	+	3	5	R.NGEDPVAIRK.A	14
PHEAT+1754	proteomics_heat	756510	756554	+	3	3	R.KALQECMQHNFVFR.E	19
PHEAT+1755	proteomics_heat	756513	756554	+	3	15	K.ALQECMQHNFVFR.E	18
PHEAT+1756	proteomics_heat	756624	756659	+	3	20	R.LDDTSSEFNTQR.V	16
PHEAT+1757	proteomics_heat	756660	756728	+	3	130	R.VECLELDNLMETAYATAVSANFR.T	27
PHEAT+1758	proteomics_heat	756756	756833	+	3	7	R.FDFPDRDDENWLCHSLYLPESISMTR.R	30
PHEAT+1759	proteomics_heat	756756	756797	+	3	2	R.FDFPDRDDENWLCH.S	18
PHEAT+1760	proteomics_heat	756912	756938	+	3	3	K.MRLEFSIYR.Y	13
PHEAT+1761	proteomics_heat	756939	756968	+	3	3	R.YNPVDDAPR.M	14
PHEAT+1762	proteomics_heat	756969	757040	+	3	17	R.MQDYTLEADEGRDMMLLDALIQLK.E	28
PHEAT+1763	proteomics_heat	756969	757004	+	3	5	R.MQDYTLEADEGR.D	16
PHEAT+1764	proteomics_heat	757005	757040	+	3	4	R.DMMLLDALIQLK.E	16
PHEAT+1765	proteomics_heat	757080	757121	+	3	7	R.EGVCSDGLNMNGK.N	18
PHEAT+1766	proteomics_heat	757122	757175	+	3	13	K.NGLACITPISALNQPQK.I	22
PHEAT+1767	proteomics_heat	757122	757172	+	3	2	K.NGLACITPISALNQPQK.K	21
PHEAT+1768	proteomics_heat	757173	757214	+	3	2	K.KIVIRPLPGLPVIR.D	18
PHEAT+1769	proteomics_heat	757176	757199	+	3	2	K.IVIRPLPG.L	12
PHEAT+1770	proteomics_heat	757176	757214	+	3	7	K.IVIRPLPGLPVIR.D	17
PHEAT+1771	proteomics_heat	757215	757259	+	3	35	R.DLVVDMGQFYAQYEK.I	19
PHEAT+1772	proteomics_heat	757260	757304	+	3	25	K.IKPYLLNNGQNPPAR.E	19
PHEAT+1773	proteomics_heat	757272	757304	+	3	2	Y.LLNNGQNPPAR.E	15
PHEAT+1774	proteomics_heat	757305	757331	+	3	10	R.EHLQMPEQR.E	13
PHEAT+1775	proteomics_heat	757416	757451	+	3	4	K.FIGPAGLLAAYR.F	16
PHEAT+1776	proteomics_heat	757470	757526	+	3	5	R.DTETDSRLDGLSDAFSVFR.C	23
PHEAT+1777	proteomics_heat	757491	757526	+	3	6	R.LDGLSDAFSVFR.C	16
PHEAT+1778	proteomics_heat	757527	757565	+	3	3	R.CHSIMNCVSVCPK.G	17
PHEAT+1779	proteomics_heat	758055	758117	+	3	16	R.STFQQLPGTGVKPDQFHSQTR.E	25
PHEAT+1780	proteomics_heat	758154	758192	+	3	8	R.YSSTISDPDTNVK.Q	17
PHEAT+1781	proteomics_heat	758202	758228	+	3	4	K.VLQLINAYR.F	13
PHEAT+1782	proteomics_heat	758235	758285	+	3	6	R.GHQHANLDPLGLWQQDK.V	21
PHEAT+1783	proteomics_heat	758286	758372	+	3	53	K.VADLDPSFHDLTLEADFQETFNVGSFASGK.E	33
PHEAT+1784	proteomics_heat	758385	758411	+	3	2	K.LGELLEALK.Q	13
PHEAT+1785	proteomics_heat	758412	758474	+	3	10	K.QTYCGPIGAEYMHITSTEEKR.W	25
PHEAT+1786	proteomics_heat	758505	758528	+	3	2	R.ATFNSEEK.K	12
PHEAT+1787	proteomics_heat	758535	758573	+	3	4	R.FLSELTAEGLER.Y	17
PHEAT+1788	proteomics_heat	758604	758648	+	3	3	K.RFSLEGGDALIPMLK.E	19
PHEAT+1789	proteomics_heat	758607	758648	+	3	3	R.FSLEGGDALIPMLK.E	18
PHEAT+1790	proteomics_heat	758685	758711	+	3	6	R.EVVLGMAHR.G	13
PHEAT+1791	proteomics_heat	758712	758747	+	3	2	R.GRLNVLVNVLGK.K	16
PHEAT+1792	proteomics_heat	758718	758747	+	3	4	R.LNVLVNVLGK.K	14
PHEAT+1793	proteomics_heat	758748	758783	+	3	8	K.KPQDLFDEFAGK.H	16
PHEAT+1794	proteomics_heat	758790	758816	+	3	5	K.EHLGTGDVK.Y	13
PHEAT+1795	proteomics_heat	758817	758867	+	3	3	K.YHMGFSSDFQTDGGLVH.L	21
PHEAT+1796	proteomics_heat	758868	758933	+	3	3	H.LALAFNPShLEIVSPVVIGSVR.A	26



PHEAT+1797	proteomics_heat	758874	758933	+	3	3	A.LAFNPISHLEIVSPVVIGSVR.A	24
PHEAT+1798	proteomics_heat	758940	758972	+	3	7	R.LDRLEPSSNK.V	15
PHEAT+1799	proteomics_heat	758973	759050	+	3	103	K.VLPITIHGDAAVTGQGVVQETLNMSK.A	30
PHEAT+1800	proteomics_heat	759084	759137	+	3	16	R.IVINNQVGFSTSNPLDAR.S	22
PHEAT+1801	proteomics_heat	759168	759233	+	3	9	K.MVQAPIFHVNADDPEAVAFVTR.L	26
PHEAT+1802	proteomics_heat	759267	759296	+	3	3	R.DVFIDLVCYR.R	14
PHEAT+1803	proteomics_heat	759300	759356	+	3	4	R.HGHNEADEPSATQPLMYQK.I	23
PHEAT+1804	proteomics_heat	759381	759413	+	3	5	R.KIYADKLEQEK.V	15
PHEAT+1805	proteomics_heat	759384	759413	+	3	5	K.IYADKLEQEK.V	14
PHEAT+1806	proteomics_heat	759414	759458	+	3	12	K.VATLEDATEMVNLYR.D	19
PHEAT+1807	proteomics_heat	759606	759647	+	3	3	K.RISTVPEAVEMQSR.V	18
PHEAT+1808	proteomics_heat	759609	759647	+	3	4	R.ISTVPEAVEMQSR.V	17
PHEAT+1809	proteomics_heat	759696	759764	+	3	25	K.LFDWGGAEENLAYATLVDEGIPVR.L	27
PHEAT+1810	proteomics_heat	759888	759959	+	3	6	R.VWDSVLSEEAVLAFEGYATAEPR.T	28
PHEAT+1811	proteomics_heat	760059	760127	+	3	17	R.MCGLVMLLPHGYEGQGPEHSSAR.L	27
PHEAT+1812	proteomics_heat	760089	760127	+	3	2	H.GYEGQGPEHSSAR.L	17
PHEAT+1813	proteomics_heat	760137	760214	+	3	5	R.YLQLCAEQNMQVCVPSTPAQVYHMLR.R	30
PHEAT+1814	proteomics_heat	760278	760364	+	3	27	R.HPLAVSSLEELANGTFLPAIGEIDELDPK.G	33
PHEAT+1815	proteomics_heat	760374	760397	+	3	2	K.RVVMCSGK.V	12
PHEAT+1816	proteomics_heat	760398	760424	+	3	3	K.VYYDLLEQR.R	13
PHEAT+1817	proteomics_heat	760431	760460	+	3	9	K.NNQHDVAIVR.I	14
PHEAT+1818	proteomics_heat	760461	760490	+	3	7	R.IEQLYPPPHK.A	14
PHEAT+1819	proteomics_heat	760491	760529	+	3	11	K.AMQEVLQQFAHVK.D	17
PHEAT+1820	proteomics_heat	760530	760598	+	3	3	K.DFVWCQEEPLNQGAWYCSQHHR.E	27
PHEAT+1821	proteomics_heat	760629	760688	+	3	7	R.YAGRPASASPAVGYMSVHVK.Q	24
PHEAT+1822	proteomics_heat	760629	760661	+	3	2	R.YAGRPASASPA.V	15
PHEAT+1823	proteomics_heat	760641	760688	+	3	2	R.PASASPAVGYMSVHVK.Q	20
PHEAT+1824	proteomics_heat	760748	760819	+	2	12	M.SSVDILVPDLPESVADATVATWHK.K	28
PHEAT+1825	proteomics_heat	760820	760843	+	2	7	K.KPGDAVVR.D	12
PHEAT+1826	proteomics_heat	761045	761101	+	2	4	Q.RQQASLEEQNNDALSPAIR.R	23
PHEAT+1827	proteomics_heat	761048	761101	+	2	10	R.QQASLEEQNNDALSPAIR.R	22
PHEAT+1828	proteomics_heat	761102	761143	+	2	3	R.RLLAEHNLDASAIK.G	18
PHEAT+1829	proteomics_heat	761105	761143	+	2	14	R.LLAEHNLDASAIK.G	17
PHEAT+1830	proteomics_heat	761105	761149	+	2	2	R.LLAEHNLDASAIKGT.G	19
PHEAT+1831	proteomics_heat	761201	761266	+	2	4	K.APAKESAPAAAAPAAQPALAAR.S	26
PHEAT+1832	proteomics_heat	761213	761266	+	2	21	K.ESAPAAAAPAAQPALAAR.S	22
PHEAT+1833	proteomics_heat	761333	761395	+	2	27	K.NSTAMLTTFNEVNMKPIMDLR.K	25
PHEAT+1834	proteomics_heat	761396	761422	+	2	8	R.KQYGEAFEK.R	13
PHEAT+1835	proteomics_heat	761396	761425	+	2	3	R.KQYGEAFEKR.H	14
PHEAT+1836	proteomics_heat	761438	761464	+	2	3	R.LGFMSFYVK.A	13
PHEAT+1837	proteomics_heat	761489	761575	+	2	28	R.YPEVNASIDGDDVVYHNYFDVSMVSTPR.G	33
PHEAT+1838	proteomics_heat	761489	761536	+	2	3	R.YPEVNASIDGDDVVYH.N	20
PHEAT+1839	proteomics_heat	761600	761635	+	2	13	R.DVDTLGMADIEK.K	16
PHEAT+1840	proteomics_heat	761600	761638	+	2	4	R.DVDTLGMADIEKK.I	17
PHEAT+1841	proteomics_heat	761801	761875	+	2	44	K.DRPMVNGQVEILPMMYLALSVDHR.L	29
PHEAT+1842	proteomics_heat	762237	762263	+	3	18	H.MNLHEYQAK.Q	13

PHEAT+1843	proteomics_heat	762279	762323	+	3	15	R.YGLPAPVGYACTTPR.E	19
PHEAT+1844	proteomics_heat	762348	762374	+	3	2	K.IGAGPWVVK.C	13
PHEAT+1845	proteomics_heat	762420	762446	+	3	2	K.VVNSKEDIR.A	13
PHEAT+1846	proteomics_heat	762447	762476	+	3	3	R.AFAENWLGKR.L	14
PHEAT+1847	proteomics_heat	762447	762473	+	3	4	R.AFAENWLGK.R	13
PHEAT+1848	proteomics_heat	762474	762554	+	3	10	K.RLVTYQTDANGQPVNQILVEAATDIAK.E	31
PHEAT+1849	proteomics_heat	762477	762554	+	3	24	R.LVTYQTDANGQPVNQILVEAATDIAK.E	30
PHEAT+1850	proteomics_heat	762555	762584	+	3	5	K.ELYLGAVVDR.S	14
PHEAT+1851	proteomics_heat	762642	762674	+	3	9	K.VAEETPHLIHK.V	15
PHEAT+1852	proteomics_heat	762675	762719	+	3	13	K.VALDPLTGMPYQGR.E	19
PHEAT+1853	proteomics_heat	762774	762809	+	3	15	K.IFMGLATIFLER.D	16
PHEAT+1854	proteomics_heat	762810	762851	+	3	16	R.DLALIEINPLVITK.Q	18
PHEAT+1855	proteomics_heat	762852	762881	+	3	2	K.QGDLICLDGK.L	14
PHEAT+1856	proteomics_heat	762882	762911	+	3	6	K.LGADGNALFR.Q	14
PHEAT+1857	proteomics_heat	763068	763121	+	3	29	K.LHGGEPANFLDVGGGATK.E	22
PHEAT+1858	proteomics_heat	763146	763172	+	3	8	K.IILSDDKVK.A	13
PHEAT+1859	proteomics_heat	763173	763208	+	3	10	K.AVLVNIFGGIVR.C	16
PHEAT+1860	proteomics_heat	763209	763280	+	3	54	R.CDLIADGIIGAVAEGVNVVPPVVR.L	28
PHEAT+1861	proteomics_heat	763281	763313	+	3	2	R.LEGNNALGAK.K	15
PHEAT+1862	proteomics_heat	763314	763352	+	3	14	K.KLADSGLNIAAK.G	17
PHEAT+1863	proteomics_heat	763317	763352	+	3	3	K.LADSGLNIAAK.G	16
PHEAT+1864	proteomics_heat	763353	763400	+	3	15	K.GLTDAAQVVAVEGK.-	20
PHEAT+1865	proteomics_heat	763406	763432	+	2	5	M.SILIDKNTK.V	13
PHEAT+1866	proteomics_heat	763433	763504	+	2	20	K.VICQGFTGSQGFHSEQAIAYGTK.M	28
PHEAT+1867	proteomics_heat	763451	763504	+	2	3	F.TGSQGFHSEQAIAYGTK.M	22
PHEAT+1868	proteomics_heat	763505	763531	+	2	2	K.MVGGVTPGK.G	13
PHEAT+1869	proteomics_heat	763532	763576	+	2	30	K.GGTTHLGLPVFNTVR.E	19
PHEAT+1870	proteomics_heat	763532	763564	+	2	2	K.GGTTHLGLPVF.N	15
PHEAT+1871	proteomics_heat	763577	763639	+	2	10	R.EAVAATGATASVIYVPAPFCK.D	25
PHEAT+1872	proteomics_heat	763640	763675	+	2	4	K.DSILEAIDAGIK.L	16
PHEAT+1873	proteomics_heat	763676	763729	+	2	61	K.LIITITEGIPTLDMLTVK.V	22
PHEAT+1874	proteomics_heat	763730	763756	+	2	6	K.VKLDEAGVR.M	13
PHEAT+1875	proteomics_heat	763754	763804	+	2	2	V.RMIGPNCPGVITPGECK.I	21
PHEAT+1876	proteomics_heat	763757	763804	+	2	11	R.MIGPNCPGVITPGECK.I	20
PHEAT+1877	proteomics_heat	763805	763831	+	2	3	K.IGIQPGHIH.K	13
PHEAT+1878	proteomics_heat	763994	764071	+	2	8	K.DPQTEAIVMIGEIGGSAEEEEAAAYIK.E	30
PHEAT+1879	proteomics_heat	764072	764125	+	2	7	K.EHVTKPVVGYIAGVTAPK.G	22
PHEAT+1880	proteomics_heat	764072	764101	+	2	6	K.EHVTKPVVGY.I	14
PHEAT+1881	proteomics_heat	764135	764170	+	2	11	R.MGHAGAIAGGK.G	16
PHEAT+1882	proteomics_heat	764189	764218	+	2	6	K.FAALAAAGVK.T	14
PHEAT+1883	proteomics_heat	764228	764257	+	2	5	R.SLADIGEALK.T	14
PHEAT+1884	proteomics_heat	771176	771229	+	2	11	R.MEMVSFSELVLNPVAQVK.F	22
PHEAT+1885	proteomics_heat	771437	771529	+	2	4	K.LAAIEAEWETQPAPAAFTLFGIPDQEETNK.F	35
PHEAT+1886	proteomics_heat	771575	771604	+	2	2	R.SVDTPVIGLK.E	14
PHEAT+1887	proteomics_heat	771605	771631	+	2	7	K.ELMVQHEER.I	13
PHEAT+1888	proteomics_heat	771758	771811	+	2	6	R.YTPNVADATEAQIQQATK.D	22

PHEAT+1889	proteomics_heat	772205	772246	+	2	9	R.YHFEQSSTTTQPAR.-	18
PHEAT+1890	proteomics_heat	772961	773002	+	2	9	K.STMDHYAASNPLNK.E	18
PHEAT+1891	proteomics_heat	774260	774328	+	2	18	R.IVNAENTLLNEAEVLVVCVDPLK.M	27
PHEAT+1892	proteomics_heat	774568	774594	+	1	4	R.LYQESQGKR.D	13
PHEAT+1893	proteomics_heat	774595	774639	+	1	3	R.DNLTGSEQIFYSGFK.E	19
PHEAT+1894	proteomics_heat	774661	774705	+	1	9	R.ANSHAPEAVVEGASR.A	19
PHEAT+1895	proteomics_heat	774970	775032	+	1	9	R.VNKLELNYDNFMEEFTAILHR.Q	25
PHEAT+1896	proteomics_heat	775033	775065	+	1	2	R.QAFTVSESNKG.-	15
PHEAT+1897	proteomics_heat	775438	775470	+	1	4	K.ALNLLHSAGVK.S	15
PHEAT+1898	proteomics_heat	776117	776146	+	2	2	K.KAEAAAAALK.K	14
PHEAT+1899	proteomics_heat	776117	776149	+	2	2	K.KAEAAAAALKK.K	15
PHEAT+1900	proteomics_heat	776120	776149	+	2	2	K.AEAAAAALKK.K	14
PHEAT+1901	proteomics_heat	776150	776188	+	2	3	K.KAEAAEAAAAEAR.K	17
PHEAT+1902	proteomics_heat	776432	776479	+	2	2	K.AAAEADDIFGELSSGK.N	20
PHEAT+1903	proteomics_heat	776549	776599	+	2	2	K.NNGASGADINNYAGQIK.S	21
PHEAT+1904	proteomics_heat	776762	776803	+	2	4	K.IPKPPSQAVYEVFK.N	18
PHEAT+1905	proteomics_heat	777035	777151	+	2	9	R.IVIDSGVDSGRPIGVVFPQWAGPGAAPEDIGGIVAADLR.N	43
PHEAT+1906	proteomics_heat	777389	777427	+	2	16	R.YAGHTASDEVFEK.L	17
PHEAT+1907	proteomics_heat	777461	777511	+	2	11	R.IAYVVQTNGGQFPYELR.V	21
PHEAT+1908	proteomics_heat	777470	777511	+	2	2	Y.VVQTNGGQFPYELR.V	18
PHEAT+1909	proteomics_heat	777512	777553	+	2	6	R.VSDYDGYNQFVVHR.S	18
PHEAT+1910	proteomics_heat	777554	777601	+	2	3	R.SPQPLMSPAWSPDGSK.L	20
PHEAT+1911	proteomics_heat	777602	777631	+	2	2	K.LAYVTFESGR.S	14
PHEAT+1912	proteomics_heat	777632	777673	+	2	6	R.SALVIQTLANGAVR.Q	18
PHEAT+1913	proteomics_heat	777695	777733	+	2	14	R.HNGAPAFSPDGSK.L	17
PHEAT+1914	proteomics_heat	777755	777805	+	2	31	K.TGSLNLYVMDLASGQIR.Q	21
PHEAT+1915	proteomics_heat	777824	777910	+	2	5	R.SNNTPTWFPDSQNLAFSTSDQAGRPQVYK.V	33
PHEAT+1916	proteomics_heat	777911	777940	+	2	4	K.VNINGGAPQR.I	14
PHEAT+1917	proteomics_heat	777941	777994	+	2	18	R.ITWEGSQNQDADVSSDGK.F	22
PHEAT+1918	proteomics_heat	777995	778042	+	2	9	K.FMVMVSSNGGQQHIAK.Q	20
PHEAT+1919	proteomics_heat	778196	778228	+	2	3	K.ARLPATDGQVK.F	15
PHEAT+1920	proteomics_heat	778196	778252	+	2	2	K.ARLPATDGQVKFPAWSPYL.-	23
PHEAT+1921	proteomics_heat	778202	778228	+	2	4	R.LPATDGQVK.F	13
PHEAT+1922	proteomics_heat	778368	778466	+	3	12	K.NASNDGSEGMLGAGTGMDANGGNGNMSSEEQAR.L	37
PHEAT+1923	proteomics_heat	778422	778466	+	3	2	D.ANGGNGNMSSEEQAR.L	19
PHEAT+1924	proteomics_heat	778467	778532	+	3	28	R.LQMQLQNNIVYFDLDKYDIR.S	26
PHEAT+1925	proteomics_heat	778533	778577	+	3	16	R.SDFAQMLDAHANFLR.S	19
PHEAT+1926	proteomics_heat	778596	778625	+	3	13	K.VTVEGHADER.G	14
PHEAT+1927	proteomics_heat	778626	778661	+	3	2	R.GTPEYNISLGER.R	16
PHEAT+1928	proteomics_heat	778698	778739	+	3	6	K.GVSADQISIVSYGK.E	18
PHEAT+1929	proteomics_heat	778740	778784	+	3	13	K.EKPAVLGHDEAAYSK.N	19
PHEAT+1930	proteomics_heat	778962	779042	+	3	8	R.ISNAHSQLLTQLQQQLSDNQSDIDSLR.G	31
PHEAT+1931	proteomics_heat	779043	779090	+	3	6	R.GQIQENQYQLNQVVER.Q	20
PHEAT+1932	proteomics_heat	779097	779234	+	3	2	K.QILLQIDSLSSGAAAQSTSGDQSGAAAATTPTADAGTANAGAPVK.S	50
PHEAT+1933	proteomics_heat	779235	779288	+	3	3	K.SGNANTDYNAIALVQDK.S	22
PHEAT+1934	proteomics_heat	779289	779333	+	3	9	K.SRQDDAMVAFQNFVK.N	19

PHEAT+1935	proteomics_heat	779334	779399	+	3	5	K.NYPDSTYLPNANYWLGQLNYNK.G	26
PHEAT+1936	proteomics_heat	779400	779444	+	3	3	K.GKKDDAAYYFASVVK.N	19
PHEAT+1937	proteomics_heat	779406	779444	+	3	5	K.KDDAAYYFASVVK.N	17
PHEAT+1938	proteomics_heat	779487	779510	+	3	2	K.VGVIMQDK.G	12
PHEAT+1939	proteomics_heat	779487	779525	+	3	3	K.VGVIMQDKGDTAK.A	17
PHEAT+1940	proteomics_heat	779532	779558	+	3	3	K.AVYQQVISK.Y	13
PHEAT+1941	proteomics_heat	781428	781526	+	3	5	R.NAVMVAHYTDPETIQQLAEETGGCISDSLEMAR.F	37
PHEAT+1942	proteomics_heat	781539	781574	+	3	4	K.HPASTLLVAGVR.F	16
PHEAT+1943	proteomics_heat	781614	781709	+	3	2	K.TILMPTLQAECLDLGCPVEEFNAFCDAHPDR.T	36
PHEAT+1944	proteomics_heat	781947	782060	+	3	8	R.LQEEYPDAAILVHPESPQAIIVDMADAVGSTSQLIAAAK.T	42
PHEAT+1945	proteomics_heat	782115	782183	+	3	4	K.MQQAVPDKELLEAPTAGEGATCR.S	27
PHEAT+1946	proteomics_heat	782184	782285	+	3	3	R.SCAHCPWMAMNGLQAIAEALEQEGSNHEVHVDER.L	38
PHEAT+1947	proteomics_heat	784856	784882	+	2	4	D.MNYQNDDL.R.I	13
PHEAT+1948	proteomics_heat	784898	784930	+	2	3	K.ELLPPVALLEK.F	15
PHEAT+1949	proteomics_heat	784898	784975	+	2	6	K.ELLPPVALLEKFPATENAANTVAHAR.K	30
PHEAT+1950	proteomics_heat	784931	784975	+	2	24	K.FPATENAANTVAHAR.K	19
PHEAT+1951	proteomics_heat	785015	785065	+	2	3	R.LLVVIGPCSIHDPVAAK.E	21
PHEAT+1952	proteomics_heat	785081	785131	+	2	18	R.LLALREELKDELEIVMR.V	21
PHEAT+1953	proteomics_heat	785096	785131	+	2	6	R.EELKDELEIVMR.V	16
PHEAT+1954	proteomics_heat	785132	785152	+	2	3	R.VYFEKPR.T	11
PHEAT+1955	proteomics_heat	785132	785152	+	2	3	R.VYFEKPR.T	11
PHEAT+1956	proteomics_heat	785171	785227	+	2	9	K.GLINDPHMDNSFQINDGLR.I	23
PHEAT+1957	proteomics_heat	785237	785290	+	2	3	R.KLLLDINDSGLPAAGEFL.D	22
PHEAT+1958	proteomics_heat	785294	785350	+	2	2	D.MITPQYLADLMSWGAIGAR.T	23
PHEAT+1959	proteomics_heat	785351	785374	+	2	2	R.TTESQVHR.E	12
PHEAT+1960	proteomics_heat	785375	785413	+	2	4	R.ELASGLSCPVGFK.N	17
PHEAT+1961	proteomics_heat	785438	785497	+	2	11	K.VAIDAINAAGAPHCFLSVTK.W	24
PHEAT+1962	proteomics_heat	785498	785557	+	2	6	K.WGHSAINVTSGNGDCHIILR.G	24
PHEAT+1963	proteomics_heat	785498	785545	+	2	3	K.WGHSAINVTSGNGDCHIILR.G	20
PHEAT+1964	proteomics_heat	785507	785557	+	2	2	H.SAIVNTSGNGDCHIILR.G	21
PHEAT+1965	proteomics_heat	785621	785674	+	2	11	K.AGLPAQVMIDFSHANSSK.Q	22
PHEAT+1966	proteomics_heat	785684	785737	+	2	7	K.KQMDVCADVCQIAGGEK.A	22
PHEAT+1967	proteomics_heat	785738	785821	+	2	20	K.AIIGVMVESHVLEGNQSLESGEPLAYGK.S	32
PHEAT+1968	proteomics_heat	785768	785821	+	2	2	H.LVEGNQSLESGEPLAYGK.S	22
PHEAT+1969	proteomics_heat	785822	785872	+	2	13	K.SITDACIGWEDTDALLR.Q	21
PHEAT+1970	proteomics_heat	795888	795932	+	3	2	K.TSLINAIISGLTRPQK.G	19
PHEAT+1971	proteomics_heat	796200	796265	+	3	2	R.ALLTAPELLLLDEPLASLDIPR.K	26
PHEAT+1972	proteomics_heat	797953	797985	+	1	2	R.YLYVGVVRPEFR.V	15
PHEAT+1973	proteomics_heat	797953	797979	+	1	2	R.YLYVGVVRPE.F	13
PHEAT+1974	proteomics_heat	798139	798225	+	1	2	R.LEDGLPVGVDVVEGLDGCHSANISPDNR.T	33
PHEAT+1975	proteomics_heat	798259	798345	+	1	7	R.ICLFVSDDGHLVAQDPAEVTTVEGAGPR.H	33
PHEAT+1976	proteomics_heat	798496	798531	+	1	4	R.WAADIHITPDGR.H	16
PHEAT+1977	proteomics_heat	798553	798609	+	1	3	R.TASLITVFSVSEDGSLVLSK.E	23
PHEAT+1978	proteomics_heat	798643	798669	+	1	4	R.GFNVDHSGK.Y	13
PHEAT+1979	proteomics_heat	798670	798693	+	1	4	K.YLIAAGQK.S	12
PHEAT+1980	proteomics_heat	798757	798801	+	1	2	R.YAVGQGPMMWVVVNAH.-	19

PHEAT+1981	proteomics_heat	808762	808788	+	1	2	R.YKTGLEAER.L	13
PHEAT+1982	proteomics_heat	808990	809070	+	1	3	R.LANAGLDYYNHNLDTSPEFYGNIITR.T	31
PHEAT+1983	proteomics_heat	809173	809244	+	1	5	R.AGLLLQLANLPTPPESVPINMLVK.V	28
PHEAT+1984	proteomics_heat	809434	809484	+	1	2	K.LLTPNPEEDKDLQLFR.K	21
PHEAT+1985	proteomics_heat	809485	809547	+	1	2	R.KLGLNPQQTAVLAGDNEQQQR.L	25
PHEAT+1986	proteomics_heat	809721	809783	+	3	3	R.QYLNFSNDYLGLSHHPQIIR.A	25
PHEAT+1987	proteomics_heat	809994	810047	+	3	4	R.LSHASLLEAASLSPSQLR.R	22
PHEAT+1988	proteomics_heat	810513	810593	+	3	3	R.AGVQDLPFTLADSCSAIQPLIVGDNSR.A	31
PHEAT+1989	proteomics_heat	810687	810728	+	3	3	R.LTLTAAHEMQDIDR.L	18
PHEAT+1990	proteomics_heat	811592	811630	+	2	9	R.TAGYKPVASGSEK.T	17
PHEAT+1991	proteomics_heat	812045	812074	+	2	3	R.HAEYMTTLTR.M	14
PHEAT+1992	proteomics_heat	812075	812146	+	2	6	R.MIPAPLLGEIPWLAENPENAAATGK.Y	28
PHEAT+1993	proteomics_heat	812767	812814	+	1	3	K.LNSAFKPSGDQPEAIR.R	20
PHEAT+1994	proteomics_heat	812815	812883	+	1	2	R.RLEEGLEDGLAHQTLLGVTGSGK.T	27
PHEAT+1995	proteomics_heat	812884	812949	+	1	3	K.TFTIANVIADLQRPTMVLAPNK.T	26
PHEAT+1996	proteomics_heat	813082	813117	+	1	3	K.DASVNEHIEQMR.L	16
PHEAT+1997	proteomics_heat	813418	813468	+	1	3	R.LSLFDPLTGQIVSTIPR.F	21
PHEAT+1998	proteomics_heat	814480	814524	+	1	3	K.YNEEHGITPQGLNKK.V	19
PHEAT+1999	proteomics_heat	814654	814725	+	1	2	K.IHELEGLMMQHAQNLEFEEAAQIR.D	28
PHEAT+2000	proteomics_heat	816606	816656	+	3	3	R.DAGLTGINVSVDSLDR.Q	21
PHEAT+2001	proteomics_heat	817119	817163	+	3	4	R.DLLEDDTQQQALEAR.I	19
PHEAT+2002	proteomics_heat	817281	817313	+	3	4	M.SQVSTEFIPTR.I	15
PHEAT+2003	proteomics_heat	817314	817340	+	3	2	R.IAILTVPN.R	13
PHEAT+2004	proteomics_heat	817341	817379	+	3	15	R.RGEEDDTSGHYLR.D	17
PHEAT+2005	proteomics_heat	817380	817418	+	3	14	R.DSAQEAGHHVVDK.A	17
PHEAT+2006	proteomics_heat	817569	817598	+	3	2	R.EVEGFGEVFR.M	14
PHEAT+2007	proteomics_heat	817599	817643	+	3	11	R.MLSFEEIGTSTLQSR.A	19
PHEAT+2008	proteomics_heat	817668	817700	+	3	4	K.TLIFAMPGSTK.A	15
PHEAT+2009	proteomics_heat	817710	817751	+	3	3	R.TAWENIIAPQLDAR.T	18
PHEAT+2010	proteomics_heat	817796	817855	+	2	7	M.SQLTHINAAGEAHMVDVSAK.A	24
PHEAT+2011	proteomics_heat	817997	818041	+	2	3	R.TWDLIPLCHPLMLSK.V	19
PHEAT+2012	proteomics_heat	818042	818080	+	2	7	K.VEVNLQAEPEHNR.V	17
PHEAT+2013	proteomics_heat	818394	818420	+	3	2	R.WALALEDGK.L	13
PHEAT+2014	proteomics_heat	818593	818628	+	1	6	R.DEDGAVVFTGK.V	16
PHEAT+2015	proteomics_heat	818635	818700	+	1	7	R.NHNLDGSDVNALTLEHYPGMTEK.A	26
PHEAT+2016	proteomics_heat	818770	818829	+	1	2	R.IGELWPGDEIVFVGVTSAHR.S	24
PHEAT+2017	proteomics_heat	818830	818874	+	1	4	R.SSAFEAGQFIMDYLK.T	19
PHEAT+2018	proteomics_heat	824973	825014	+	3	8	R.INCKGAVWKVSSLR.E	18
PHEAT+2019	proteomics_heat	830212	830247	+	1	3	R.DLMSAQTGTGK.T	16
PHEAT+2020	proteomics_heat	830734	830781	+	1	2	R.NTASDQVTQHVVHFDK.K	20
PHEAT+2021	proteomics_heat	834549	834620	+	3	6	R.GLYAHMLNGEVPDLELGGVLIAR.I	28
PHEAT+2022	proteomics_heat	834621	834686	+	3	6	R.IKGEGEAEMLGFYEAMQNHTIK.L	26
PHEAT+2023	proteomics_heat	834747	834791	+	3	2	R.KQANLTPLLAILLHK.L	19
PHEAT+2024	proteomics_heat	834750	834791	+	3	4	K.QANLTPLLAILLHK.L	18
PHEAT+2025	proteomics_heat	834792	834839	+	3	2	K.LGFPVVVHGVSEDPTR.V	20
PHEAT+2026	proteomics_heat	834840	834911	+	3	10	R.VLTETIFELMGITPTLHGGQAQAK.L	28

PHEAT+2027	proteomics_heat	834912	834971	+	3	4	K.LDEHQPVFMPVGAFCPPLEK.Q	24
PHEAT+2028	proteomics_heat	835065	835100	+	3	4	R.LSSVSHPEYIGR.V	16
PHEAT+2029	proteomics_heat	835110	835133	+	3	2	K.FFSDIGGR.A	12
PHEAT+2030	proteomics_heat	835134	835184	+	3	4	R.ALLMHGTEGEVYANPQR.C	21
PHEAT+2031	proteomics_heat	835239	835277	+	3	3	K.QDTAGSELLPQAK.D	17
PHEAT+2032	proteomics_heat	835592	835636	+	2	17	R.FDAQTLHSFIQAVFR.Q	19
PHEAT+2033	proteomics_heat	835667	835747	+	2	21	K.LVADHLIAANLAGHDSHGIGMIPSYVR.S	31
PHEAT+2034	proteomics_heat	835799	835834	+	2	9	K.EAGAAVTLDGDR.A	16
PHEAT+2035	proteomics_heat	835835	835885	+	2	37	R.AFGQVAAHEAMALGIEK.A	21
PHEAT+2036	proteomics_heat	835997	836041	+	2	2	F.VSVVGIPMVAPFHGR.D	19
PHEAT+2037	proteomics_heat	836051	836086	+	2	3	R.FGTNPFVVFPR.K	16
PHEAT+2038	proteomics_heat	836087	836143	+	2	41	R.KDNFPLLLDYATSAIAFGK.T	23
PHEAT+2039	proteomics_heat	836090	836143	+	2	5	K.DNFPLLLDYATSAIAFGK.T	22
PHEAT+2040	proteomics_heat	836165	836278	+	2	6	K.GVPVPPGCLIDVNGVPTTNPVAVMQESPLGSLLTFAEHK.G	42
PHEAT+2041	proteomics_heat	836279	836335	+	2	28	K.GYALAAMCEILGGALSGGK.T	23
PHEAT+2042	proteomics_heat	836471	836533	+	2	5	K.ASPHDDDKPILLPGEWVNTR.R	25
PHEAT+2043	proteomics_heat	836471	836536	+	2	3	K.ASPHDDDKPILLPGEWVNTRR.E	26
PHEAT+2044	proteomics_heat	836543	836602	+	2	3	R.QKQGIPLDAGSWQAICDAAR.Q	24
PHEAT+2045	proteomics_heat	836549	836602	+	2	8	K.QGIPLDAGSWQAICDAAR.Q	22
PHEAT+2046	proteomics_heat	841648	841713	+	1	2	R.QFLTLPAGEQSVDFANPLAVK.A	26
PHEAT+2047	proteomics_heat	849742	849801	+	1	6	A.ATSTVTGGYAQSDAQGMNK.M	24
PHEAT+2048	proteomics_heat	849823	849885	+	1	4	K.YRYEEDNSPLGVIGSFTYTEK.S	25
PHEAT+2049	proteomics_heat	849892	849957	+	1	3	R.TASSGDYNNKNQYYGITAGPAYR.I	26
PHEAT+2050	proteomics_heat	849958	850008	+	1	2	R.INDWASIYGVVGVGYGK.F	21
PHEAT+2051	proteomics_heat	850009	850038	+	1	2	K.FQTTEYPTYK.H	14
PHEAT+2052	proteomics_heat	852439	852486	+	1	3	K.KVTQLVNVEEHVEGFR.Q	20
PHEAT+2053	proteomics_heat	852511	852555	+	1	7	R.ELIDDYVELISDLIR.E	19
PHEAT+2054	proteomics_heat	855321	855380	+	3	2	K.ILGGDLEPTLGNVSLDPNER.I	24
PHEAT+2055	proteomics_heat	855390	855455	+	3	5	K.LRQDQFAFEFTVLDTVIMGHK.E	26
PHEAT+2056	proteomics_heat	855489	855551	+	3	2	R.IYALPEMSEEDGYKVADLEVK.Y	25
PHEAT+2057	proteomics_heat	855552	855587	+	3	3	K.YGEMDGYSAEAR.A	16
PHEAT+2058	proteomics_heat	855588	855668	+	3	2	R.AGELLGSGIPVEQHYGPMSEVAPGWK.L	31
PHEAT+2059	proteomics_heat	855675	855761	+	3	7	R.VLLAQALFADPDILLDEPTNNLDIDTIR.W	33
PHEAT+2060	proteomics_heat	855822	855878	+	3	5	R.HFLNMVCTHMADLDYGELR.V	23
PHEAT+2061	proteomics_heat	856722	856760	+	3	2	R.VIDFSGNYEDYLR.S	17
PHEAT+2062	proteomics_heat	862919	862972	+	2	2	R.IFPLAGVTTNPSIIAAGK.K	22
PHEAT+2063	proteomics_heat	862973	863029	+	2	6	K.KPLDVVLPQLHEAMGGQGR.L	23
PHEAT+2064	proteomics_heat	863267	863326	+	2	3	R.IDAQGGSGIQTVTDLHQLLK.M	24
PHEAT+2065	proteomics_heat	865965	866018	+	3	3	R.LLEECPLFNAGIGAVFTR.D	22
PHEAT+2066	proteomics_heat	866070	866102	+	3	3	K.AGAVAGVSHLR.N	15
PHEAT+2067	proteomics_heat	866124	866192	+	3	2	R.LVMEQSPHVMIGEGAENFAFAR.G	27
PHEAT+2068	proteomics_heat	866262	866312	+	3	2	R.KEGATVLDHSGAPLDEK.Q	21
PHEAT+2069	proteomics_heat	866592	866681	+	3	2	K.LPALGGSGGLIAIDHEGNVALPFNTEGMYR.A	34
PHEAT+2070	proteomics_heat	866935	866973	+	1	2	R.LLEQAGGLVQCDK.M	17
PHEAT+2071	proteomics_heat	867049	867138	+	1	4	R.GADMAMIFQEPMTSLNPVFTVGEQIAESIR.L	34
PHEAT+2072	proteomics_heat	867946	867993	+	1	5	R.DIQFIFQDPYASLDPR.Q	20

PHEAT+2073	proteomics_heat	868426	868464	+	1	3	R.KLLAAMPVAEPSR.Q	17
PHEAT+2074	proteomics_heat	868712	868801	+	2	2	A.AKDVVVAVGSNFTTLDPYDANDTLSQAVAK.S	34
PHEAT+2075	proteomics_heat	868925	868963	+	2	2	K.FQDGTDFNAAAVK.A	17
PHEAT+2076	proteomics_heat	869078	869152	+	2	3	K.QPFSAFINILAHPATAMISPAALEK.Y	29
PHEAT+2077	proteomics_heat	869321	869395	+	2	2	R.AAMLQTGEAQFAFPIPYEQATLLEK.N	29
PHEAT+2078	proteomics_heat	869441	869485	+	2	2	R.YISMNVTKPFDNPK.V	19
PHEAT+2079	proteomics_heat	869534	869632	+	2	3	K.VAFAGYATPATGVVPPSIAYAQSYPKWPYPDPVK.A	37
PHEAT+2080	proteomics_heat	869651	869719	+	2	2	K.EAGYPNGFSTTLWSSHNHSTAQK.V	27
PHEAT+2081	proteomics_heat	869720	869764	+	2	2	K.VLQFTQQQLAQVGIK.A	19
PHEAT+2082	proteomics_heat	869765	869797	+	2	3	K.AQVTAMDAGQR.A	15
PHEAT+2083	proteomics_heat	870442	870471	+	1	2	R.RPVADEIASR.F	14
PHEAT+2084	proteomics_heat	871137	871184	+	3	2	R.QAVLNAMPLVKPDQVR.T	20
PHEAT+2085	proteomics_heat	873807	873869	+	3	2	R.HAMEIGELFLVYQPIVDINTR.A	25
PHEAT+2086	proteomics_heat	874242	874286	+	3	2	V.RISIDDFGTGLSNLK.R	19
PHEAT+2087	proteomics_heat	874245	874289	+	3	4	R.ISIDDFGTGLSNLKR.F	19
PHEAT+2088	proteomics_heat	875059	875103	+	1	3	K.SLAMDSENLMFSLFK.N	19
PHEAT+2089	proteomics_heat	875104	875142	+	1	6	K.NGKPVTDGEYNAK.N	17
PHEAT+2090	proteomics_heat	875344	875373	+	1	2	K.EAIINNHFER.V	14
PHEAT+2091	proteomics_heat	875515	875553	+	1	2	K.GGYLCLFDVDKFK.N	17
PHEAT+2092	proteomics_heat	875554	875604	+	1	3	K.NINDTFGHELLGDEVLMK.V	21
PHEAT+2093	proteomics_heat	880031	880069	+	2	5	A.AEQTVEAPSV DAR.A	17
PHEAT+2094	proteomics_heat	880103	880156	+	2	5	K.VLAEGNADEKLDPASLTK.I	22
PHEAT+2095	proteomics_heat	880157	880192	+	2	3	K.IMTSYVVGQALK.A	16
PHEAT+2096	proteomics_heat	880235	880267	+	2	4	K.DAWATGNPALR.G	15
PHEAT+2097	proteomics_heat	880268	880327	+	2	7	R.GSSVMFLKPGDQVSVADLNK.G	24
PHEAT+2098	proteomics_heat	880430	880504	+	2	11	K.KLGLTNTTFQTVHGLDAPGQFSTAR.D	29
PHEAT+2099	proteomics_heat	880433	880504	+	2	4	K.LGLTNTTFQTVHGLDAPGQFSTAR.D	28
PHEAT+2100	proteomics_heat	880526	880567	+	2	10	K.ALIHDVPEEYAIHK.E	18
PHEAT+2101	proteomics_heat	880616	880654	+	2	2	R.LLWSSNLNV DGMK.T	17
PHEAT+2102	proteomics_heat	880655	880717	+	2	2	K.TGTTAGAGYNLVASATQGDMR.L	25
PHEAT+2103	proteomics_heat	880799	880852	+	2	5	R.FFETVTPIKPDATFVTQR.V	22
PHEAT+2104	proteomics_heat	880943	880990	+	2	5	K.ASYTLTEPQLTAPLKK.G	20
PHEAT+2105	proteomics_heat	890407	890442	+	1	3	I.MTPTIELICGHR.S	16
PHEAT+2106	proteomics_heat	890452	890487	+	1	7	R.HFTDEPISEAQR.E	16
PHEAT+2107	proteomics_heat	890512	890556	+	1	2	R.ATSSSSFLQCSSIIR.I	19
PHEAT+2108	proteomics_heat	890569	890610	+	1	6	K.ALREELVTLTGGQK.H	18
PHEAT+2109	proteomics_heat	890914	890964	+	1	6	R.LPASILVHENSYPQLDK.G	21
PHEAT+2110	proteomics_heat	890965	891015	+	1	7	K.GALAQYDEQLAEYYLTR.G	21
PHEAT+2111	proteomics_heat	891073	891108	+	1	4	K.ESRPFILDYLHK.Q	16
PHEAT+2112	proteomics_heat	891265	891342	+	1	2	R.GHLVEILDPLSCYMNINPAASSIHYK.G	30
PHEAT+2113	proteomics_heat	893097	893159	+	3	4	K.TLHIYNWSDYIAPDTVANFEK.E	25
PHEAT+2114	proteomics_heat	893097	893174	+	3	2	K.TLHIYNWSDYIAPDTVANFEKETGIK.V	30
PHEAT+2115	proteomics_heat	893175	893219	+	3	3	K.VVYDVFSDSNEVLEGG.L	19
PHEAT+2116	proteomics_heat	893220	893279	+	3	4	K.LMAGSTGFDLVVPSASFLEK.Q	24
PHEAT+2117	proteomics_heat	893391	893444	+	3	4	K.FAMPYMWATTGIGYNVDK.V	22
PHEAT+2118	proteomics_heat	893451	893519	+	3	4	K.AVLGENAPVDSWDLILKPENLEK.L	27

PHEAT+2119	proteomics_heat	893526	893612	+	3	27	K.SCGVSFLDAPEEVFATVLNLYLGKDPNSTK.A	33
PHEAT+2120	proteomics_heat	893526	893594	+	3	3	K.SCGVSFLDAPEEVFATVLNLYLGK.D	27
PHEAT+2121	proteomics_heat	893613	893654	+	3	3	K.ADDYTGPATDLLLL.L	18
PHEAT+2122	proteomics_heat	893817	893867	+	3	17	K.EGAMAFFDVFAMPADAK.N	21
PHEAT+2123	proteomics_heat	893868	893927	+	3	3	K.NKDEAYQFLNLYLLRPDVVAH.I	24
PHEAT+2124	proteomics_heat	893928	893963	+	3	2	H.ISDHVFYANANK.A	16
PHEAT+2125	proteomics_heat	894295	894345	+	1	2	K.SYDGGHAVDDVSLTIYK.G	21
PHEAT+2126	proteomics_heat	916269	916313	+	3	3	R.ELSSHPQNLSDGQIR.Q	19
PHEAT+2127	proteomics_heat	916926	916967	+	3	2	K.VIEFAQSGLKPLVK.F	18
PHEAT+2128	proteomics_heat	918713	918763	+	2	2	K.DQLLGVIDPEQAENQIK.E	21
PHEAT+2129	proteomics_heat	918875	918925	+	2	2	K.AVSQQDLDTAATEMAVK.Q	21
PHEAT+2130	proteomics_heat	919136	919183	+	2	2	K.AQVSEADVIHLKPGQK.A	20
PHEAT+2131	proteomics_heat	919370	919423	+	2	3	K.NVLTIPLSALGDPVGDNR.Y	22
PHEAT+2132	proteomics_heat	919514	919570	+	2	4	K.GLEAGDEVVIGEAKPGAAQ.-	23
PHEAT+2133	proteomics_heat	919852	919923	+	1	5	R.YHLLSHLTAEQNVEVPAVYAGLER.K	28
PHEAT+2134	proteomics_heat	920149	920205	+	1	3	R.GHTVIVTHDPQVAAQAER.V	23
PHEAT+2135	proteomics_heat	920524	920565	+	1	3	K.DFGDDDPQYQQALK.Y	18
PHEAT+2136	proteomics_heat	922757	922786	+	2	3	R.AVFHVQSSGR.N	14
PHEAT+2137	proteomics_heat	922919	922990	+	2	4	K.DEPTQSSDPGSPNSEEQAGGEER.M	28
PHEAT+2138	proteomics_heat	922991	923029	+	2	2	R.MENFTTNLNLQAR.V	17
PHEAT+2139	proteomics_heat	923030	923059	+	2	2	R.VGGIDPLIGR.E	14
PHEAT+2140	proteomics_heat	923177	923260	+	2	9	R.IVQGDVPEVMADCTIYSLDIGSLLAGTK.Y	32
PHEAT+2141	proteomics_heat	923438	923485	+	2	3	R.VIGSTTYQEFNSNIFEK.D	20
PHEAT+2142	proteomics_heat	923516	923578	+	2	3	K.IDITEPSIEETVQIINGLKPK.Y	25
PHEAT+2143	proteomics_heat	923678	923710	+	2	3	K.AIDVIDEAGAR.A	15
PHEAT+2144	proteomics_heat	923804	923836	+	2	3	K.SVSQSDRDTLK.N	15
PHEAT+2145	proteomics_heat	924083	924151	+	2	4	R.LIGAPPGYVGFQGGLLTDAVIK.H	27
PHEAT+2146	proteomics_heat	924191	924262	+	2	9	K.AHPDVFNILLQVMDNGTLTDNNGR.K	28
PHEAT+2147	proteomics_heat	924332	924388	+	2	3	K.SIGLIHQDNSTDAMEEIKK.I	23
PHEAT+2148	proteomics_heat	924410	924478	+	2	7	R.NRLDNIIWFDHLSTDVIHQVVDK.F	27
PHEAT+2149	proteomics_heat	924626	924703	+	2	8	K.KPLANELLFGSLVDGGQVTVALDKEK.N	30
PHEAT+2150	proteomics_heat	924626	924739	+	2	3	K.KPLANELLFGSLVDGGQVTVALDKEKNELTYGFQSAQK.H	42
PHEAT+2151	proteomics_heat	924653	924739	+	2	3	F.GSLVDGGQVTVALDKEKNELTYGFQSAQK.H	33
PHEAT+2152	proteomics_heat	931860	931892	+	3	2	R.IDRNILNELQK.D	15
PHEAT+2153	proteomics_heat	931869	931892	+	3	4	R.NILNELQK.D	12
PHEAT+2154	proteomics_heat	931902	931925	+	3	4	R.ISNVELSK.R	12
PHEAT+2155	proteomics_heat	931902	931928	+	3	7	R.ISNVELSKR.V	13
PHEAT+2156	proteomics_heat	931926	931961	+	3	6	K.RVGLSPTPCLER.V	16
PHEAT+2157	proteomics_heat	931929	931961	+	3	3	R.VGLSPTPCLER.V	15
PHEAT+2158	proteomics_heat	932070	932114	+	3	11	R.GAPDVFEQFNTAVQK.L	19
PHEAT+2159	proteomics_heat	932115	932171	+	3	31	K.LEEIQECHLVSGDFDYLLK.T	23
PHEAT+2160	proteomics_heat	932172	932201	+	3	9	K.TRVPDMSAYR.K	14
PHEAT+2161	proteomics_heat	932202	932228	+	3	8	R.KLLGETLLR.L	13
PHEAT+2162	proteomics_heat	932205	932228	+	3	4	K.LLGETLLR.L	12
PHEAT+2163	proteomics_heat	932229	932252	+	3	3	R.LPGVNDTR.T	12
PHEAT+2164	proteomics_heat	932253	932279	+	3	10	R.TYVVMEEVK.Q	13



PHEAT+2165	proteomics_heat	933257	933295	+	2	4	K.RMDDDEEITYTAR.G	17
PHEAT+2166	proteomics_heat	934118	934204	+	2	3	K.ATLATGAAATVAAPVFLANSGGPRPQVK.E	33
PHEAT+2167	proteomics_heat	934334	934405	+	2	6	R.NQYDSGDQYNDDDEIDAMQQDELAR.Q	28
PHEAT+2168	proteomics_heat	934406	934432	+	2	2	R.QFAQTQQQR.Y	13
PHEAT+2169	proteomics_heat	935081	935122	+	2	2	K.ADVVNYSPPVITR.F	18
PHEAT+2170	proteomics_heat	935216	935269	+	2	2	R.VVEVIPGKPYVGLLEPNK.K	22
PHEAT+2171	proteomics_heat	935357	935395	+	2	3	K.DIAGEPVVADLAK.M	17
PHEAT+2172	proteomics_heat	936081	936122	+	3	8	P.RCRYVSMVLLFAIR.K	18
PHEAT+2173	proteomics_heat	936694	936726	+	1	7	K.VSSFHASFTQK.V	15
PHEAT+2174	proteomics_heat	936727	936783	+	1	3	K.VTDGSGAAVQEGQGLWVK.R	23
PHEAT+2175	proteomics_heat	936784	936849	+	1	9	K.RPNLFNWHMTQPDESILVSDGK.T	26
PHEAT+2176	proteomics_heat	936943	936978	+	1	2	R.NQSSDWQQYNIK.Q	16
PHEAT+2177	proteomics_heat	937156	937200	+	1	3	K.FTFTPPQGVTVDDQR.K	19
PHEAT+2178	proteomics_heat	937706	937759	+	2	2	K.SLSTEDIEQVLTQAMEDK.T	22
PHEAT+2179	proteomics_heat	937907	937948	+	2	3	R.VLKPELLTEIAGER.S	18
PHEAT+2180	proteomics_heat	938714	938737	+	2	2	R.GFKLDVVK.L	12
PHEAT+2181	proteomics_heat	938723	938758	+	2	2	K.LDVDKLGALEER.R	16
PHEAT+2182	proteomics_heat	938837	938866	+	2	5	K.ARGEDIEPLR.L	14
PHEAT+2183	proteomics_heat	938837	938881	+	2	6	K.ARGEDIEPLRLEVNK.L	19
PHEAT+2184	proteomics_heat	938867	938908	+	2	2	R.LEVNLGEELEDAK.A	18
PHEAT+2185	proteomics_heat	938882	938908	+	2	10	K.LGEELEDAK.A	13
PHEAT+2186	proteomics_heat	938882	938941	+	2	3	K.LGEELEDAKAELEDAKAEIR.D	24
PHEAT+2187	proteomics_heat	938909	938941	+	2	4	K.AELEDAKAEIR.D	15
PHEAT+2188	proteomics_heat	938942	939025	+	2	2	R.DIALTIPNLPADEVVPGKDEENDNVEVSR.W	32
PHEAT+2189	proteomics_heat	938942	938995	+	2	3	R.DIALTIPNLPADEVVPGK.D	22
PHEAT+2190	proteomics_heat	938996	939025	+	2	2	K.DENDNVEVSR.W	14
PHEAT+2191	proteomics_heat	939041	939061	+	2	2	R.EFD FEVR.D	11
PHEAT+2192	proteomics_heat	939062	939118	+	2	10	R.DHVTLGEMHSGLDFAAAVK.L	23
PHEAT+2193	proteomics_heat	939242	939286	+	2	2	Y.LVNQDTLYGTGQLPK.F	19
PHEAT+2194	proteomics_heat	939287	939391	+	2	5	K.FAGDLFHTRPLEEEADTSNYALIPTAEVPLTNLVR.G	39
PHEAT+2195	proteomics_heat	939392	939427	+	2	3	R.GEIIDEDDLPIK.M	16
PHEAT+2196	proteomics_heat	939500	939592	+	2	4	R.MHQFDKVMVQIVRPEDSMAALEEMTGHAEK.V	35
PHEAT+2197	proteomics_heat	939518	939592	+	2	3	K.VEMVQIVRPEDSMAALEEMTGHAEK.V	29
PHEAT+2198	proteomics_heat	939590	939622	+	2	3	E.KVLQLLGLPYR.K	15
PHEAT+2199	proteomics_heat	939593	939622	+	2	4	K.VLQLLGLPYR.K	14
PHEAT+2200	proteomics_heat	939623	939667	+	2	3	R.KIILCTGDMGFGACK.T	19
PHEAT+2201	proteomics_heat	939626	939667	+	2	2	K.IILCTGDMGFGACK.T	18
PHEAT+2202	proteomics_heat	939668	939712	+	2	5	K.TYDLEWIPAQNTYR.E	19
PHEAT+2203	proteomics_heat	939713	939754	+	2	3	R.EISSCSNVWDFQAR.R	18
PHEAT+2204	proteomics_heat	939800	939841	+	2	15	R.LVHTLNGSGLAVGR.T	18
PHEAT+2205	proteomics_heat	939842	939886	+	2	9	R.TLVAVMENYQQADGR.I	19
PHEAT+2206	proteomics_heat	939887	939940	+	2	8	R.IEVPEVLRPYMNGLEYIG.-	22
PHEAT+2207	proteomics_heat	949026	949070	+	3	2	R.NFNPMVTPDEPEDWK.N	19
PHEAT+2208	proteomics_heat	954972	955019	+	3	2	P.RPCSSSVTVRSSATPK.S	20
PHEAT+2209	proteomics_heat	956879	956935	+	2	22	M.AQIFNFSSGPAMPLPAEVLK.Q	23
PHEAT+2210	proteomics_heat	956957	957001	+	2	14	R.DWNGLGTSVMEVSHR.G	19

PHEAT+2211	proteomics_heat	957002	957049	+	2	35	R.GKEFIQVAEEAEKDFR.D	20
PHEAT+2212	proteomics_heat	957002	957079	+	2	21	R.GKEFIQVAEEAEKDFRDLLNVPSNYK.V	30
PHEAT+2213	proteomics_heat	957002	957040	+	2	6	R.GKEFIQVAEEAEK.D	17
PHEAT+2214	proteomics_heat	957008	957079	+	2	3	K.EFIQVAEEAEKDFRDLLNVPSNYK.V	28
PHEAT+2215	proteomics_heat	957008	957049	+	2	7	K.EFIQVAEEAEKDFR.D	18
PHEAT+2216	proteomics_heat	957050	957079	+	2	7	R.DLLNVPSNYK.V	14
PHEAT+2217	proteomics_heat	957107	957199	+	2	30	R.GQFAAVPLNILGDKTTADYVDAGYWAASAIK.E	35
PHEAT+2218	proteomics_heat	957107	957148	+	2	10	R.GQFAAVPLNILGDK.T	18
PHEAT+2219	proteomics_heat	957149	957199	+	2	22	K.TTADYVDAGYWAASAIK.E	21
PHEAT+2220	proteomics_heat	957209	957241	+	2	24	K.KYCTPNVFDK.V	15
PHEAT+2221	proteomics_heat	957212	957241	+	2	2	K.YCTPNVFDK.V	14
PHEAT+2222	proteomics_heat	957440	957469	+	2	8	R.YGVIYAGAQK.N	14
PHEAT+2223	proteomics_heat	957470	957508	+	2	13	K.NIGPAGLTIVIVR.E	17
PHEAT+2224	proteomics_heat	957470	957526	+	2	24	K.NIGPAGLTIVIVREDLLGK.A	23
PHEAT+2225	proteomics_heat	957590	957637	+	2	13	F.NTPPTFAWYLSGLVFK.W	20
PHEAT+2226	proteomics_heat	957647	957691	+	2	13	K.ANGGVAEMDKINQQK.A	19
PHEAT+2227	proteomics_heat	957692	957736	+	2	70	K.AELLYGVIDNSDFYR.N	19
PHEAT+2228	proteomics_heat	957767	957814	+	2	2	R.MNVPFQLADSALDKLF.L	20
PHEAT+2229	proteomics_heat	957767	957853	+	2	270	R.MNVPFQLADSALDKLFLEESFAAGLHALK.G	33
PHEAT+2230	proteomics_heat	957767	957847	+	2	3	R.MNVPFQLADSALDKLFLEESFAAGLHA.L	31
PHEAT+2231	proteomics_heat	957767	957808	+	2	4	R.MNVPFQLADSALDK.L	18
PHEAT+2232	proteomics_heat	957809	957853	+	2	43	K.LFLEESFAAGLHALK.G	19
PHEAT+2233	proteomics_heat	957815	957853	+	2	4	F.LEESFAAGLHALK.G	17
PHEAT+2234	proteomics_heat	957881	957919	+	2	10	R.ASIYNAMPLEGVK.A	17
PHEAT+2235	proteomics_heat	957920	957952	+	2	15	K.ALTFMVEFER.R	15
PHEAT+2236	proteomics_heat	958068	958100	+	3	3	R.VDGTINLPGSK.S	15
PHEAT+2237	proteomics_heat	958116	958148	+	3	3	R.ALLLAALAHGK.T	15
PHEAT+2238	proteomics_heat	958149	958187	+	3	2	K.TVLTNLLDSDVDR.H	17
PHEAT+2239	proteomics_heat	958188	958244	+	3	15	R.HMLNALTALGVSYTLSADR.T	23
PHEAT+2240	proteomics_heat	958251	958334	+	3	2	R.CEIIINGGPLHAEGALELFLGNAGTAMR.P	32
PHEAT+2241	proteomics_heat	958401	958436	+	3	2	K.ERPIGHLVDALR.L	16
PHEAT+2242	proteomics_heat	958407	958436	+	3	2	R.PIGHLVDALR.L	14
PHEAT+2243	proteomics_heat	958452	958490	+	3	7	K.ITYLEQENYPLR.L	17
PHEAT+2244	proteomics_heat	958491	958604	+	3	43	R.LQGGFTGGNVVDVGSVSSQFLTALLMTAPLAPEDTVIR.I	42
PHEAT+2245	proteomics_heat	958605	958661	+	3	11	R.IKGDLVSKPYIDITLNLTK.T	23
PHEAT+2246	proteomics_heat	958662	958712	+	3	2	K.TFGVEIENQHYQQFVVK.G	21
PHEAT+2247	proteomics_heat	958713	958802	+	3	27	K.GGQSYQSPGTYLVEGDASSASYFLAAAAIK.G	34
PHEAT+2248	proteomics_heat	958881	958928	+	3	5	K.MGATICWGDDYISCTR.G	20
PHEAT+2249	proteomics_heat	958929	959012	+	3	38	R.GELNAIDMDMNHIPDAAMTIATAALFAK.G	32
PHEAT+2250	proteomics_heat	959094	959135	+	3	9	R.KVGAEEVEEGHDYIR.I	18
PHEAT+2251	proteomics_heat	959154	959192	+	3	6	K.LNFAEIATYNDHR.M	17
PHEAT+2252	proteomics_heat	959193	959255	+	3	10	R.MAMCFSLVALSDTPVTILDPK.C	25
PHEAT+2253	proteomics_heat	959208	959255	+	3	3	F.SLVALSDTPVTILDPK.C	20
PHEAT+2254	proteomics_heat	959268	959300	+	3	4	K.TFPDYFEQLAR.I	15
PHEAT+2255	proteomics_heat	960493	960546	+	1	3	K.AMAEALQWHLLDSGAIYR.V	22
PHEAT+2256	proteomics_heat	960547	960633	+	1	2	R.VLALAALHHHVDVASEDALVPLASHLDVDR.F	33

PHEAT+2257	proteomics_heat	960700	960747	+	1	4	R.TQEVANAASQVAAFPR.V	20
PHEAT+2258	proteomics_heat	960817	960855	+	1	4	R.DMGTVVFPDAPVK.I	17
PHEAT+2259	proteomics_heat	960856	960885	+	1	2	K.IFLDASSEER.A	14
PHEAT+2260	proteomics_heat	960988	961068	+	1	18	R.AVAPLVPAADALVLDSTTLSIEQVIEK.A	31
PHEAT+2261	proteomics_heat	961218	961292	+	3	38	N.MTESFAQLFEESLKEIETRPGSIVR.G	29
PHEAT+2262	proteomics_heat	961218	961259	+	3	19	N.MTESFAQLFEESLK.E	18
PHEAT+2263	proteomics_heat	961221	961292	+	3	55	M.TESFAQLFEESLKEIETRPGSIVR.G	28
PHEAT+2264	proteomics_heat	961221	961259	+	3	9	M.TESFAQLFEESLK.E	17
PHEAT+2265	proteomics_heat	961242	961292	+	3	2	L.FEESLKEIETRPGSIVR.G	21
PHEAT+2266	proteomics_heat	961260	961292	+	3	4	K.EIETRPGSIVR.G	15
PHEAT+2267	proteomics_heat	961293	961346	+	3	96	R.GVVVAIDKDVVLVDAGLK.S	22
PHEAT+2268	proteomics_heat	961293	961379	+	3	44	R.GVVVAIDKDVVLVDAGLKSESAIPAEQFK.N	33
PHEAT+2269	proteomics_heat	961317	961346	+	3	4	K.DVVLVDAGLK.S	14
PHEAT+2270	proteomics_heat	961323	961379	+	3	4	V.VLVDAGLKSESAIPAEQFK.N	23
PHEAT+2271	proteomics_heat	961347	961379	+	3	2	K.SESAIPAEQFK.N	15
PHEAT+2272	proteomics_heat	961380	961475	+	3	312	K.NAQGELEIQVGDEVDVALDAVEDGFGETLLSR.E	36
PHEAT+2273	proteomics_heat	961428	961475	+	3	15	V.ALDAVEDGFGETLLSR.E	20
PHEAT+2274	proteomics_heat	961491	961517	+	3	16	R.HEAWITLEK.A	13
PHEAT+2275	proteomics_heat	961518	961562	+	3	38	K.AYEDAETVTGVINGK.V	19
PHEAT+2276	proteomics_heat	961563	961601	+	3	17	K.VKGGFTVELNGIR.A	17
PHEAT+2277	proteomics_heat	961569	961601	+	3	13	K.GGFTVELNGIR.A	15
PHEAT+2278	proteomics_heat	961602	961643	+	3	13	R.AFLPGSLVDVRPVR.D	18
PHEAT+2279	proteomics_heat	961644	961667	+	3	3	R.DTLHLEGK.E	12
PHEAT+2280	proteomics_heat	961704	961727	+	3	2	K.RNNVVVSR.R	12
PHEAT+2281	proteomics_heat	961728	961805	+	3	11	R.RAVIESENSAERDQLLENLQEGMEVK.G	30
PHEAT+2282	proteomics_heat	961728	961763	+	3	13	R.RAVIESENSAER.D	16
PHEAT+2283	proteomics_heat	961728	961847	+	3	2	R.RAVIESENSAERDQLLENLQEGMEVKGIVKNLTDYGAFVD.L	44
PHEAT+2284	proteomics_heat	961731	961805	+	3	25	R.AVIESENSAERDQLLENLQEGMEVK.G	29
PHEAT+2285	proteomics_heat	961731	961763	+	3	5	R.AVIESENSAER.D	15
PHEAT+2286	proteomics_heat	961764	961805	+	3	20	R.DQLLENLQEGMEVK.G	18
PHEAT+2287	proteomics_heat	961818	961895	+	3	169	K.NLTDYGAFVDLGGVDGLLHITDMAWK.R	30
PHEAT+2288	proteomics_heat	961818	961874	+	3	2	K.NLTDYGAFVDLGGVDGLLH.I	23
PHEAT+2289	proteomics_heat	961842	961895	+	3	2	F.VDLGGVDGLLHITDMAWK.R	22
PHEAT+2290	proteomics_heat	961899	961949	+	3	50	R.VKHPSEIVNVGDEITVK.V	21
PHEAT+2291	proteomics_heat	961905	961949	+	3	25	K.HPSEIVNVGDEITVK.V	19
PHEAT+2292	proteomics_heat	961998	962033	+	3	5	K.QLGEDPWVAIAK.R	16
PHEAT+2293	proteomics_heat	962067	962159	+	3	105	R.VTNLTDYGCFVEIEEGVEGLVHVSEMDWTNK.N	35
PHEAT+2294	proteomics_heat	962178	962234	+	3	430	K.VVNVGDVVEVMVLDIDEER.R	23
PHEAT+2295	proteomics_heat	962268	962327	+	3	2	K.ANPWQQFAETHNKGDRVEGK.I	24
PHEAT+2296	proteomics_heat	962268	962306	+	3	11	K.ANPWQQFAETHNK.G	17
PHEAT+2297	proteomics_heat	962334	962393	+	3	11	K.SITDFGIFIGLDGGIDGLVH.L	24
PHEAT+2298	proteomics_heat	962448	962495	+	3	147	K.KGDEIAAVVLQVDAER.E	20
PHEAT+2299	proteomics_heat	962448	962501	+	3	21	K.KGDEIAAVVLQVDAERER.I	22
PHEAT+2300	proteomics_heat	962517	962564	+	3	7	V.KQLAEDPFNNWVALNK.K	20
PHEAT+2301	proteomics_heat	962520	962567	+	3	7	K.QLAEDPFNNWVALNKK.G	20
PHEAT+2302	proteomics_heat	962520	962564	+	3	7	K.QLAEDPFNNWVALNK.K	19

PHEAT+2303	proteomics_heat	962589	962609	+	3	2	K.VTAVDAK.G	11
PHEAT+2304	proteomics_heat	962610	962654	+	3	43	K.GATVELADGVEGYLR.A	19
PHEAT+2305	proteomics_heat	962673	962729	+	3	115	R.DRVEDATLVLSVGDEVEAK.F	23
PHEAT+2306	proteomics_heat	962679	962729	+	3	7	R.VEDATLVLSVGDEVEAK.F	21
PHEAT+2307	proteomics_heat	962778	962825	+	3	15	R.AKDEADEKDAIATVNK.Q	20
PHEAT+2308	proteomics_heat	962778	962873	+	3	19	R.AKDEADEKDAIATVNBKQEDANFSNNAMAEAFK.A	36
PHEAT+2309	proteomics_heat	962802	962873	+	3	6	K.DAIATVNBKQEDANFSNNAMAEAFK.A	28
PHEAT+2310	proteomics_heat	962802	962825	+	3	4	K.DAIATVNBK.Q	12
PHEAT+2311	proteomics_heat	962826	962873	+	3	6	K.QEDANFSNNAMAEAFK.A	20
PHEAT+2312	proteomics_heat	963078	963110	+	3	5	R.LATQQSHIPAK.T	15
PHEAT+2313	proteomics_heat	963084	963110	+	3	2	A.TQQSHIPAK.T	13
PHEAT+2314	proteomics_heat	963111	963176	+	3	6	K.TVEDAVKEMLEHMASTLAQGER.I	26
PHEAT+2315	proteomics_heat	963132	963176	+	3	13	K.EMLEHMASTLAQGER.I	19
PHEAT+2316	proteomics_heat	963189	963218	+	3	5	R.GFGSFSFLHYR.A	14
PHEAT+2317	proteomics_heat	963246	963275	+	3	8	K.TGDKVELEGK.Y	14
PHEAT+2318	proteomics_heat	963312	963332	+	3	2	R.DRANIYG.-	11
PHEAT+2319	proteomics_heat	966153	966197	+	3	2	R.LFGHMMGMPVSFFDK.Q	19
PHEAT+2320	proteomics_heat	966426	966479	+	3	4	K.NMQNTMGQVTTSAEQMLK.G	22
PHEAT+2321	proteomics_heat	967017	967067	+	3	2	R.FYDIDEGEILMDGHDLR.E	21
PHEAT+2322	proteomics_heat	967092	967166	+	3	3	R.NQVALVSQNVHLFNDTVANNIAYAR.T	29
PHEAT+2323	proteomics_heat	967335	967394	+	3	2	R.DSPILILDEATSALDTESER.A	24
PHEAT+2324	proteomics_heat	967434	967457	+	3	2	R.TSLVIAHR.L	12
PHEAT+2325	proteomics_heat	967874	967984	+	2	2	L.LLSADTTTAQAGDEPVLIYQRTDAPVAVSPVRSDAVK.A	41
PHEAT+2326	proteomics_heat	969986	970048	+	2	4	K.LDNLAFPLRDGIPVLLTEAR.V	25
PHEAT+2327	proteomics_heat	970049	970075	+	2	3	R.VLTADESKS.-	13
PHEAT+2328	proteomics_heat	970120	970182	+	1	2	R.LPGKPLVDINGKPMIVHVLER.A	25
PHEAT+2329	proteomics_heat	970207	970242	+	1	3	R.IIVATDHEDVAR.A	16
PHEAT+2330	proteomics_heat	970330	970404	+	1	2	K.CAFSDDTVIVNVQGDPEMIPATIIR.Q	29
PHEAT+2331	proteomics_heat	970432	970503	+	1	4	R.QVGMATLAVPIHNAEEAFNPNAVK.V	28
PHEAT+2332	proteomics_heat	970573	970614	+	1	2	R.FAEGLETVGDNFLR.H	18
PHEAT+2333	proteomics_heat	970657	970713	+	1	2	R.YVNWQPSPLEHIEMLEQLR.V	23
PHEAT+2334	proteomics_heat	970735	970800	+	1	5	K.IHVAVAQVEVPGTGVDTPEDLER.V	26
PHEAT+2335	proteomics_heat	972901	972942	+	1	2	R.VLDAGGGEGQTAIK.M	18
PHEAT+2336	proteomics_heat	974070	974126	+	3	2	R.LMDEQQQVVKDDIAQLLNK.D	23
PHEAT+2337	proteomics_heat	974190	974246	+	3	3	R.ELQDTLEAAGDKLQANLLR.I	23
PHEAT+2338	proteomics_heat	974247	974294	+	3	2	R.IQDATMTHDDLHFVDR.L	20
PHEAT+2339	proteomics_heat	974544	974606	+	3	6	R.DEEVTGELPEDLEYEEFNEIR.E	25
PHEAT+2340	proteomics_heat	974835	974861	+	3	2	K.VQAHVIDKY.-	13
PHEAT+2341	proteomics_heat	974884	974937	+	1	5	K.LAQALANPLFPALDSALR.S	22
PHEAT+2342	proteomics_heat	975025	975045	+	1	2	R.YNVELIR.A	11
PHEAT+2343	proteomics_heat	975169	975240	+	1	8	R.LANEGIFTQQELYDELLTLADEAK.L	28
PHEAT+2344	proteomics_heat	975463	975546	+	1	6	R.DGEAMPIENHLQLNDETEENQPDSGEEEE.-	32
PHEAT+2345	proteomics_heat	975612	975668	+	3	2	R.TFDLDELVTLSGGNGAGK.S	23
PHEAT+2346	proteomics_heat	975669	975731	+	3	3	K.STTMAAFVTALIPDLTLLHFR.N	25
PHEAT+2347	proteomics_heat	975891	975977	+	3	5	R.KVDIKPFATQGLPMSVQPTQLVTETLNER.Q	33
PHEAT+2348	proteomics_heat	975894	975977	+	3	3	K.VDIKPFATQGLPMSVQPTQLVTETLNER.Q	32

PHEAT+2349	proteomics_heat	975987	976046	+	3	3	R.VLPLNELKDKLEAMEGVQFK.Q	24
PHEAT+2350	proteomics_heat	976194	976235	+	3	2	R.SLRDYLLPENSGVR.K	18
PHEAT+2351	proteomics_heat	976299	976328	+	3	2	R.VTQSDRDLFK.H	14
PHEAT+2352	proteomics_heat	976329	976376	+	3	2	K.HLISEATNYVAADYMR.H	20
PHEAT+2353	proteomics_heat	976701	976784	+	3	4	R.AEAAELEVDELKSQLADYQQALDVQQTR.A	32
PHEAT+2354	proteomics_heat	976737	976784	+	3	3	K.SQLADYQQALDVQQTR.A	20
PHEAT+2355	proteomics_heat	976785	976823	+	3	2	R.AIQYNQAIALNR.A	17
PHEAT+2356	proteomics_heat	976830	976898	+	3	4	K.ELCHLPDLTADCAAEWLETFQAK.E	27
PHEAT+2357	proteomics_heat	977076	977105	+	3	6	R.HLAEQVQPLR.M	14
PHEAT+2358	proteomics_heat	977133	977159	+	3	2	R.LREQQEAER.L	13
PHEAT+2359	proteomics_heat	977193	977243	+	3	3	K.NFDIDELEALHQELEAR.I	21
PHEAT+2360	proteomics_heat	977289	977327	+	3	3	R.MALRQEQEQLQSR.I	17
PHEAT+2361	proteomics_heat	977505	977534	+	3	5	R.KNAVDEEIER.L	14
PHEAT+2362	proteomics_heat	977535	977567	+	3	2	R.LSQPGGSEDQR.L	15
PHEAT+2363	proteomics_heat	977589	977675	+	3	2	R.FGGVLLSEIYDDVSLEDAPYFSALYGPSR.H	33
PHEAT+2364	proteomics_heat	978009	978065	+	3	5	R.FIGSHLAVAFESDPEAEIR.Q	23
PHEAT+2365	proteomics_heat	978099	978137	+	3	5	R.ALSNHENDNQQR.I	17
PHEAT+2366	proteomics_heat	978252	978278	+	3	2	R.LDEAQEAAR.F	13
PHEAT+2367	proteomics_heat	978279	978311	+	3	2	R.FVQQFGNQLAK.L	15
PHEAT+2368	proteomics_heat	978312	978401	+	3	2	K.LEPIVSVLQSDPEQFEQLKEDYAYSQQMQR.D	34
PHEAT+2369	proteomics_heat	978450	978512	+	3	2	R.AHFSYSDSAEMLSGNSDLNEK.L	25
PHEAT+2370	proteomics_heat	978573	978623	+	3	13	R.GHAAQLSQYNQVLASLK.S	21
PHEAT+2371	proteomics_heat	978789	978830	+	3	3	K.ALTFACEAMDNLTR.K	18
PHEAT+2372	proteomics_heat	979023	979052	+	3	3	R.LAVADNEHLR.D	14
PHEAT+2373	proteomics_heat	979161	979211	+	3	2	R.TDDPVEAIEQMEIELSR.L	21
PHEAT+2374	proteomics_heat	979317	979370	+	3	2	R.MLNQGLQNVSFGQVNSVR.L	22
PHEAT+2375	proteomics_heat	979824	979874	+	3	2	R.LQMQLIIAAPENISPEK.G	21
PHEAT+2376	proteomics_heat	982945	982983	+	1	3	R.LAALVDPGGDAEK.I	17
PHEAT+2377	proteomics_heat	983158	983199	+	1	2	R.MFGLEECQPLTPDR.W	18
PHEAT+2378	proteomics_heat	983368	983406	+	1	4	R.GDHNQLISSIKDK.L	17
PHEAT+2379	proteomics_heat	983368	983400	+	1	4	R.GDHNQLISSIK.D	15
PHEAT+2380	proteomics_heat	983407	983478	+	1	3	K.LLPLGDDVIFIPGHGPLSTLGYER.L	28
PHEAT+2381	proteomics_heat	983479	983517	+	1	2	R.LHNPFLQDEMPVW.-	17
PHEAT+2382	proteomics_heat	983845	983922	+	1	5	S.SRRRSTCSFVRPLKENMPFCLMIK.LK.S	30
PHEAT+2383	proteomics_heat	989887	989943	+	1	2	R.APDYQITDIDLTFDLDAQK.T	23
PHEAT+2384	proteomics_heat	990025	990069	+	1	2	K.LVSVHINDEPWTAWK.E	19
PHEAT+2385	proteomics_heat	990124	990222	+	1	4	K.IINEISPAANTALEGLYQSGDALCTQCEAEGFR.H	37
PHEAT+2386	proteomics_heat	990223	990264	+	1	5	R.HITYYLDLDRPDVLAR.F	18
PHEAT+2387	proteomics_heat	990292	990327	+	1	5	K.IKYPFLLSNGNR.V	16
PHEAT+2388	proteomics_heat	990328	990357	+	1	4	R.VAQGELENGR.H	14
PHEAT+2389	proteomics_heat	990643	990666	+	1	2	K.GLNIFNSK.Y	12
PHEAT+2390	proteomics_heat	990682	990723	+	1	4	R.TDTATDKDYLDIER.V	18
PHEAT+2391	proteomics_heat	990724	990765	+	1	3	R.VIGHEYFHNWTGNR.V	18
PHEAT+2392	proteomics_heat	990823	990855	+	1	6	R.DQEFSSDLGSR.A	15
PHEAT+2393	proteomics_heat	991012	991050	+	1	10	R.MIHTLLGEENFQK.G	17
PHEAT+2394	proteomics_heat	991051	991074	+	1	3	K.GMQLYFER.H	12

PHEAT+2395	proteomics_heat	991075	991155	+	1	3	R.HDGSAAATCDDFVQAMEDASNVDLSHFR.R	31
PHEAT+2396	proteomics_heat	991198	991248	+	1	10	K.DDYNPETEQYTLTISR.T	21
PHEAT+2397	proteomics_heat	991249	991278	+	1	4	R.TPATPDQAEK.Q	14
PHEAT+2398	proteomics_heat	991279	991329	+	1	3	K.QPLHIPFAIELYDNEGK.V	21
PHEAT+2399	proteomics_heat	991480	991512	+	1	2	K.WSDQQLTFLMR.H	15
PHEAT+2400	proteomics_heat	991537	991575	+	1	2	R.WDAAQSLLATYIK.L	17
PHEAT+2401	proteomics_heat	991591	991644	+	1	3	R.HQQGQPLSLPVHVADAFR.A	22
PHEAT+2402	proteomics_heat	991666	991767	+	1	4	K.IDPALAAEILTLPSVNEMAELFDIIDPIAIAEVR.E	38
PHEAT+2403	proteomics_heat	991702	991767	+	1	7	L.PSVNEMAELFDIIDPIAIAEVR.E	26
PHEAT+2404	proteomics_heat	991783	991851	+	1	33	R.TLATELADELLAIYNANYQSEYR.V	27
PHEAT+2405	proteomics_heat	991783	991875	+	1	6	R.TLATELADELLAIYNANYQSEYRVEHEDIAK.R	35
PHEAT+2406	proteomics_heat	991852	991875	+	1	2	R.VEHEDIAK.R	12
PHEAT+2407	proteomics_heat	991903	991950	+	1	16	R.FLAFGETHLADVLVSK.Q	20
PHEAT+2408	proteomics_heat	991951	992028	+	1	8	K.QFHEANMTDALAALSAAVAAQLPCR.D	30
PHEAT+2409	proteomics_heat	992029	992088	+	1	2	R.DALMQEYDDKWHQNGLVMDK.W	24
PHEAT+2410	proteomics_heat	992089	992142	+	1	7	K.WFILQATSPAANVLETVR.G	22
PHEAT+2411	proteomics_heat	992161	992187	+	1	3	R.SFTMSNPNR.I	13
PHEAT+2412	proteomics_heat	992290	992340	+	1	3	L.NSRNPQVASRLIEPLIR.L	21
PHEAT+2413	proteomics_heat	1004012	1004041	+	2	2	R.KALFQLDPER.A	14
PHEAT+2414	proteomics_heat	1004042	1004071	+	2	3	R.AHEFTFQQLR.R	14
PHEAT+2415	proteomics_heat	1004108	1004155	+	2	2	R.QKVPKPVNMCMLTFK.N	20
PHEAT+2416	proteomics_heat	1004327	1004377	+	2	4	R.MGFNNLGVNLDLVENVK.A	21
PHEAT+2417	proteomics_heat	1004327	1004374	+	2	2	R.MGFNNLGVNLDLVENVK.K	20
PHEAT+2418	proteomics_heat	1004378	1004416	+	2	5	K.AHYDGVLGINIGK.N	17
PHEAT+2419	proteomics_heat	1004417	1004473	+	2	5	K.NKDTPVEQGKDDYLICMEK.I	23
PHEAT+2420	proteomics_heat	1004537	1004584	+	2	7	R.TLQYGEALDDLLTAIK.N	20
PHEAT+2421	proteomics_heat	1004642	1004698	+	2	16	K.IAPDLSEEELIQVADSLVR.H	23
PHEAT+2422	proteomics_heat	1004699	1004743	+	2	10	R.HNIDGVIATNTTLDR.S	19
PHEAT+2423	proteomics_heat	1004765	1004812	+	2	2	K.NCDQTGGLSGRPLQLK.S	20
PHEAT+2424	proteomics_heat	1004858	1004905	+	2	3	R.LPIIGVGGIDSVIAAR.E	20
PHEAT+2425	proteomics_heat	1004906	1004962	+	2	2	R.EKIAAGASLVQIYSGFIFK.G	23
PHEAT+2426	proteomics_heat	1004912	1004962	+	2	7	K.IAAGASLVQIYSGFIFK.G	21
PHEAT+2427	proteomics_heat	1005355	1005432	+	1	5	F.EEKCRDFNLSKEQKAELVLNALVAIR.Y	30
PHEAT+2428	proteomics_heat	1007097	1007180	+	3	2	R.GLEELLKTELENLGAVECQVVQGGVHFK.G	32
PHEAT+2429	proteomics_heat	1007811	1007864	+	3	3	R.KGLAEYSSHFYGSDDAR.V	22
PHEAT+2430	proteomics_heat	1007967	1008011	+	3	3	K.GPYGTVLSNPPYGER.L	19
PHEAT+2431	proteomics_heat	1008012	1008059	+	3	2	R.LDSEPALIALHSLGR.I	20
PHEAT+2432	proteomics_heat	1008192	1008260	+	3	4	K.NYHVAESTPDSKPAMVAEDYTNR.L	27
PHEAT+2433	proteomics_heat	1008324	1008368	+	3	3	R.LYDADLPEYNVAVDR.Y	19
PHEAT+2434	proteomics_heat	1008681	1008752	+	3	2	K.GKDFLNLFSYTGSA TVHAGLGGAR.S	28
PHEAT+2435	proteomics_heat	1009553	1009600	+	2	5	K.VQEQLDHHNLWQLENR.I	20
PHEAT+2436	proteomics_heat	1009601	1009675	+	2	4	R.INEVLAQLGLDPNVALSSLSGGWLR.K	29
PHEAT+2437	proteomics_heat	1009787	1009825	+	2	2	K.TFNGTIIFISHDR.S	17
PHEAT+2438	proteomics_heat	1009877	1009921	+	2	2	K.LVTYPGNYDQYLLEK.E	19
PHEAT+2439	proteomics_heat	1010411	1010440	+	2	2	K.QEVMVNGKPR.H	14
PHEAT+2440	proteomics_heat	1010768	1010812	+	2	2	R.GQQEQYVALKQPAVK.K	19

PHEAT+2441	proteomics_heat	1010936	1011004	+	2	2	K.LEALQTQVADASFFSQPHEQTQK.V	27
PHEAT+2442	proteomics_heat	1011005	1011058	+	2	2	K.VLADMAAAEQELEQAFER.W	22
PHEAT+2443	proteomics_heat	1013028	1013069	+	3	3	R.VGSVETSTFDTQKR.N	18
PHEAT+2444	proteomics_heat	1013142	1013183	+	3	2	K.DSGIAVDLTSAGMR.V	18
PHEAT+2445	proteomics_heat	1014329	1014382	+	2	2	K.YVIANNLWASPLDQQLR.N	22
PHEAT+2446	proteomics_heat	1014509	1014559	+	2	4	K.VIVSGEWLLNHQGQLIK.R	21
PHEAT+2447	proteomics_heat	1014572	1014616	+	2	2	R.LEGVQTDQDGYDEMVK.V	19
PHEAT+2448	proteomics_heat	1014617	1014670	+	2	2	K.VLAGVWSQEAAASIAQEIK.R	22
PHEAT+2449	proteomics_heat	1018047	1018100	+	3	3	K.TLSETIVQLIEDAENKEK.Y	22
PHEAT+2450	proteomics_heat	1024204	1024263	+	1	2	R.LQHNQAYTEAMLTEYADFFR.Q	24
PHEAT+2451	proteomics_heat	1024303	1024359	+	1	2	R.AVVNGEHSLLVLGAGSGK.T	23
PHEAT+2452	proteomics_heat	1024906	1024965	+	1	11	K.AENAVDFSGLIHQAIIVILEK.G	24
PHEAT+2453	proteomics_heat	1025266	1025301	+	1	2	K.KPLNSLTNGDKK.A	16
PHEAT+2454	proteomics_heat	1027271	1027315	+	2	5	K.YLLDQGYHVIPVSPK.V	19
PHEAT+2455	proteomics_heat	1027346	1027402	+	2	4	K.GYGTADVPEKVDMDVFR.N	23
PHEAT+2456	proteomics_heat	1027403	1027456	+	2	2	R.NSEAAWGVAQEAIAGAK.T	22
PHEAT+2457	proteomics_heat	1027457	1027510	+	2	2	K.TLWMQLGVINEQAAVLAR.D	22
PHEAT+2458	proteomics_heat	1027511	1027540	+	2	3	R.DAGLNVVMDR.C	14
PHEAT+2459	proteomics_heat	1029398	1029457	+	2	5	K.NLDDGSVEVVACGEEGQVEK.L	24
PHEAT+2460	proteomics_heat	1029509	1029556	+	2	3	R.VLSEPHHPSGELTDFR.I	20
PHEAT+2461	proteomics_heat	1051314	1051352	+	3	2	K.QAETEIADFIAQK.I	17
PHEAT+2462	proteomics_heat	1051413	1051448	+	3	5	R.EKMTGLESYDVK.I	16
PHEAT+2463	proteomics_heat	1051413	1051448	+	3	5	R.EKMTGLESYDVK.I	16
PHEAT+2464	proteomics_heat	1051419	1051448	+	3	3	K.MTGLESYDVK.I	14
PHEAT+2465	proteomics_heat	1051419	1051448	+	3	3	K.MTGLESYDVK.I	14
PHEAT+2466	proteomics_heat	1065156	1065230	+	3	2	R.TVATAQFFITGAFPGCDIPVHHQEK.M	29
PHEAT+2467	proteomics_heat	1065231	1065317	+	3	4	K.MGMTDPTFNPVITDDSAAFSEQAVAAMEK.E	33
PHEAT+2468	proteomics_heat	1065366	1065398	+	3	2	K.IVNYKDSPACK.E	15
PHEAT+2469	proteomics_heat	1065651	1065686	+	3	3	R.NVAKPLVSYIDK.A	16
PHEAT+2470	proteomics_heat	1071107	1071178	+	2	26	V.DFVNRGVIFPVGNKDAVEGHIRHR.A	28
PHEAT+2471	proteomics_heat	1079977	1080021	+	1	5	R.FAEADAHYHSAPPSR.L	19
PHEAT+2472	proteomics_heat	1081565	1081621	+	2	2	K.VTVTDKQCEPMTITVNAGK.T	23
PHEAT+2473	proteomics_heat	1081622	1081654	+	2	10	K.TQFIIQNHQSQK.A	15
PHEAT+2474	proteomics_heat	1081679	1081702	+	2	2	K.GVMVVEER.E	12
PHEAT+2475	proteomics_heat	1081733	1081795	+	2	5	K.MTANLQPGEYDMTCGLLTNPK.G	25
PHEAT+2476	proteomics_heat	1081814	1081885	+	2	5	K.GEATADAAQSDALLSLGGAITAYK.A	28
PHEAT+2477	proteomics_heat	1082012	1082065	+	2	12	R.IEPIAELFSDLDGSIDAR.E	22
PHEAT+2478	proteomics_heat	1082129	1082155	+	2	2	K.ALFGDNNTTK.G	13
PHEAT+2479	proteomics_heat	1082156	1082209	+	2	4	K.GMDQYAEQLYTDVVDLQK.R	22
PHEAT+2480	proteomics_heat	1082243	1082290	+	2	3	K.VVGGGAAGLIEVAASK.I	20
PHEAT+2481	proteomics_heat	1082291	1082365	+	2	2	K.ISGEEDRYSHDLDWDFQANVEGSQK.I	29
PHEAT+2482	proteomics_heat	1082441	1082464	+	2	5	K.KVDITLAK.Y	12
PHEAT+2483	proteomics_heat	1082471	1082518	+	2	3	R.TKDGFFETYDKLTDADR.N	20
PHEAT+2484	proteomics_heat	1082477	1082500	+	2	5	K.DGFETYDK.L	12
PHEAT+2485	proteomics_heat	1082519	1082572	+	2	19	R.NALKGPIALAEDLAQLR.G	22
PHEAT+2486	proteomics_heat	1086032	1086070	+	2	4	K.LDCVNNETDQAGE.G	17

PHEAT+2487	proteomics_heat	1097205	1097273	+	3	5	K.SGDNDSADYALVWHPPVEMLAGR.D	27
PHEAT+2488	proteomics_heat	1097283	1097327	+	3	2	K.AVFALGAGVDSILSK.L	19
PHEAT+2489	proteomics_heat	1097328	1097375	+	3	5	K.LQAHPPEMLNPSVPLFR.L	20
PHEAT+2490	proteomics_heat	1097376	1097444	+	3	22	R.LEDTGMGEQMQEYAVSQVLHWFR.R	27
PHEAT+2491	proteomics_heat	1097685	1097753	+	3	7	R.VLINLLPNTPETVGIINQQLLEK.L	27
PHEAT+2492	proteomics_heat	1097754	1097789	+	3	3	K.LPDGAYLLNLAR.G	16
PHEAT+2493	proteomics_heat	1097790	1097840	+	3	8	R.GVHVVEDDLAALDSGK.V	21
PHEAT+2494	proteomics_heat	1097847	1097915	+	3	8	K.GAMLDVFNREPLPPESPLWQHPR.V	27
PHEAT+2495	proteomics_heat	1097916	1097981	+	3	3	R.VTITPHVAITRPAEAVEYISR.T	26
PHEAT+2496	proteomics_heat	1097934	1097981	+	3	6	H.VAATRPAEAVEYISR.T	20
PHEAT+2497	proteomics_heat	1098102	1098185	+	3	6	V.MYPVDLHMHTVASTHAYSTLSDYIAQAK.Q	32
PHEAT+2498	proteomics_heat	1098333	1098365	+	3	3	K.NVDGEIDCSGK.M	15
PHEAT+2499	proteomics_heat	1098432	1098509	+	3	7	K.ATNTQAMIAIASGNVHIISHPGNPK.Y	30
PHEAT+2500	proteomics_heat	1098552	1098599	+	3	2	K.HQVALEINSSFLHSR.K	20
PHEAT+2501	proteomics_heat	1098914	1098958	+	2	5	R.QPQDPLLVLPLTLIR.E	19
PHEAT+2502	proteomics_heat	1099313	1099345	+	2	2	K.VEAHATTPFWR.T	15
PHEAT+2503	proteomics_heat	1105055	1105084	+	2	2	R.IHVVGQDITK.L	14
PHEAT+2504	proteomics_heat	1105271	1105303	+	2	3	K.AVVHTVGPVWR.G	15
PHEAT+2505	proteomics_heat	1105361	1105432	+	2	2	R.LVAANSYTSVAFFAISTGVYGYPR.A	28
PHEAT+2506	proteomics_heat	1108723	1108761	+	1	7	K.YADYQQIQFNHDK.A	17
PHEAT+2507	proteomics_heat	1108783	1108839	+	1	8	K.TPFKLEFYHQGMFYDTPVK.I	23
PHEAT+2508	proteomics_heat	1108795	1108839	+	1	6	K.LEFYHQGMFYDTPVK.I	19
PHEAT+2509	proteomics_heat	1108840	1108872	+	1	3	K.INEVTATAVKR.I	15
PHEAT+2510	proteomics_heat	1108873	1108935	+	1	6	R.IKYSPTYFTFGDVQHDKDTPVK.D	25
PHEAT+2511	proteomics_heat	1108984	1109031	+	1	17	K.DKNDEIVSMLGASYFR.V	20
PHEAT+2512	proteomics_heat	1109032	1109070	+	1	4	R.VIGAGQVYGLSAR.G	17
PHEAT+2513	proteomics_heat	1109071	1109118	+	1	4	R.GLAIDTALPSGEEFPR.F	20
PHEAT+2514	proteomics_heat	1109119	1109142	+	1	2	R.FKEFWIER.P	12
PHEAT+2515	proteomics_heat	1109161	1109196	+	1	2	K.RLTIYALLDSPR.A	16
PHEAT+2516	proteomics_heat	1109215	1109262	+	1	4	K.FVVMGPRDTPVVDVQSK.I	20
PHEAT+2517	proteomics_heat	1109236	1109262	+	1	17	R.DTVVDVQSK.I	13
PHEAT+2518	proteomics_heat	1109443	1109502	+	1	4	K.HLAVSSFSMENPQGFGLLQR.G	24
PHEAT+2519	proteomics_heat	1109593	1109703	+	1	2	K.GSVELVEIPTNDETNDNIVAYWTPDQLPEPGKEMNFK.Y	41
PHEAT+2520	proteomics_heat	1109593	1109688	+	1	9	K.GSVELVEIPTNDETNDNIVAYWTPDQLPEPGK.E	36
PHEAT+2521	proteomics_heat	1109704	1109775	+	1	4	K.YTITFSRDEDKLHAPDNAWVQQTR.R	28
PHEAT+2522	proteomics_heat	1109725	1109775	+	1	6	R.DEDKLHAPDNAWVQQTR.R	21
PHEAT+2523	proteomics_heat	1109815	1109868	+	1	8	R.QPDGTIAFVVDFTGAEMK.K	22
PHEAT+2524	proteomics_heat	1109869	1109946	+	1	7	K.KLPEDTPVTAQTSIGDNGEIVESTVR.Y	30
PHEAT+2525	proteomics_heat	1109872	1109946	+	1	2	K.LPEDTPVTAQTSIGDNGEIVESTVR.Y	29
PHEAT+2526	proteomics_heat	1110095	1110139	+	2	2	K.TTEYIDAMPAAASEK.A	19
PHEAT+2527	proteomics_heat	1110167	1110199	+	2	2	R.AVHQALDAEHR.T	15
PHEAT+2528	proteomics_heat	1111169	1111216	+	2	2	R.LMEANPNAGIIQSSPK.A	20
PHEAT+2529	proteomics_heat	1111352	1111456	+	2	2	R.VKPFIEHCALAPLPGEGSFAGSILSHDFVEAALMR.R	39
PHEAT+2530	proteomics_heat	1112309	1112386	+	2	6	R.SLDDGFMHAVFNPSFNALATAMATAR.H	30
PHEAT+2531	proteomics_heat	1112420	1112461	+	2	4	R.DRHVEQALNETPEK.L	18
PHEAT+2532	proteomics_heat	1112426	1112461	+	2	7	R.HVEQALNETPEK.L	16



PHEAT+2533	proteomics_heat	1116498	1116563	+	3	3	R.NHYEYEVGHFENALEIPADTFR.E	26
PHEAT+2534	proteomics_heat	1125082	1125126	+	1	4	R.GSFHACYLGSYIGQK.W	19
PHEAT+2535	proteomics_heat	1125437	1125502	+	2	2	K.QVTTPEQYPLSVNGVVTACNQK.T	26
PHEAT+2536	proteomics_heat	1125503	1125574	+	2	5	K.TNREPVMNLSESEVQEQLDNLVKR.H	28
PHEAT+2537	proteomics_heat	1125503	1125571	+	2	4	K.TNREPVMNLSESEVQEQLDNLVK.R	27
PHEAT+2538	proteomics_heat	1125662	1125706	+	2	8	K.LSAAEVALITTTLLLR.G	19
PHEAT+2539	proteomics_heat	1125749	1125832	+	2	5	R.MYEFSDMAEVESTLEQLANREDGPFVVR.L	32
PHEAT+2540	proteomics_heat	1125866	1125952	+	2	3	R.YMHLFSGEVEDQPAVTDMSNAVDGDLQAR.V	33
PHEAT+2541	proteomics_heat	1126842	1126913	+	3	2	R.HFIECVQNQTVPQTAGEQAVLAQR.I	28
PHEAT+2542	proteomics_heat	1135150	1135191	+	1	2	R.ADVEASGGNTFNGK.G	18
PHEAT+2543	proteomics_heat	1135288	1135323	+	1	2	K.QIAINQGTFFIR.F	16
PHEAT+2544	proteomics_heat	1144163	1144189	+	2	2	T.MKTETPSVK.I	13
PHEAT+2545	proteomics_heat	1144379	1144423	+	2	6	R.VAEREEAVSPHLQK.V	19
PHEAT+2546	proteomics_heat	1144598	1144627	+	2	2	R.DTSGVLLVAK.K	14
PHEAT+2547	proteomics_heat	1144787	1144819	+	2	2	R.VSQEGKPSETR.F	15
PHEAT+2548	proteomics_heat	1144898	1144942	+	2	3	R.VHTQYAGHPHIAFDDR.Y	19
PHEAT+2549	proteomics_heat	1145000	1145026	+	2	5	R.LFLHAAALK.F	13
PHEAT+2550	proteomics_heat	1145027	1145059	+	2	2	K.FTHPGTGEVMR.I	15
PHEAT+2551	proteomics_heat	1146026	1146058	+	2	5	K.VKLPLTLDPVR.T	15
PHEAT+2552	proteomics_heat	1146071	1146115	+	2	4	K.RLDYQGIYTPDQVER.V	19
PHEAT+2553	proteomics_heat	1146074	1146115	+	2	4	R.LDYQGIYTPDQVER.V	18
PHEAT+2554	proteomics_heat	1146188	1146214	+	2	3	R.LAVLNGDAK.V	13
PHEAT+2555	proteomics_heat	1146638	1146700	+	2	2	R.RSHDALTAVTSLSDKTSGEK.H	25
PHEAT+2556	proteomics_heat	1146638	1146685	+	2	18	R.RSHDALTAVTSLSDVK.T	20
PHEAT+2557	proteomics_heat	1146641	1146700	+	2	18	R.SHDALTAVTSLSDKTSGEK.H	24
PHEAT+2558	proteomics_heat	1146641	1146685	+	2	67	R.SHDALTAVTSLSDVK.T	19
PHEAT+2559	proteomics_heat	1146710	1146739	+	2	15	R.HHITADGYR.G	14
PHEAT+2560	proteomics_heat	1147684	1147737	+	1	2	R.FSHLNPQYNGACLLGLR.G	22
PHEAT+2561	proteomics_heat	1147994	1148032	+	2	4	K.IIGTGSYLPEQVR.T	17
PHEAT+2562	proteomics_heat	1148054	1148089	+	2	2	K.MVDTSEWIVTR.T	16
PHEAT+2563	proteomics_heat	1148108	1148164	+	2	8	R.HIAAPNETVSTMGFEEATR.A	23
PHEAT+2564	proteomics_heat	1148285	1148362	+	2	18	K.GCPAFDVAAACAGFTYALSVDQYVK.S	30
PHEAT+2565	proteomics_heat	1148570	1148623	+	2	7	R.VNPENSIHLTMAGNEVFK.V	22
PHEAT+2566	proteomics_heat	1148624	1148686	+	2	6	K.VAVTELAHIVDETLAANNLDR.S	25
PHEAT+2567	proteomics_heat	1148687	1148728	+	2	6	R.SQLDWLVPHQANLR.I	18
PHEAT+2568	proteomics_heat	1148750	1148794	+	2	8	K.KLGMSMDNVVTLDR.H	19
PHEAT+2569	proteomics_heat	1148753	1148794	+	2	2	K.LGMSMDNVVTLDR.H	18
PHEAT+2570	proteomics_heat	1148795	1148848	+	2	10	R.HGNTSAAASVPCALDEAVR.D	22
PHEAT+2571	proteomics_heat	1149125	1149175	+	2	22	K.TWQTQPALLTASVALYR.V	21
PHEAT+2572	proteomics_heat	1149176	1149199	+	2	4	R.VWQQQGGK.A	12
PHEAT+2573	proteomics_heat	1149200	1149286	+	2	31	K.APAMMAGHSLGEYSALVCAGVIDFADAVR.L	33
PHEAT+2574	proteomics_heat	1149302	1149385	+	2	3	R.GKFMQEAVPEGTGAMAAIIGLDDASIAK.A	32
PHEAT+2575	proteomics_heat	1149308	1149385	+	2	11	K.FMQEAVPEGTGAMAAIIGLDDASIAK.A	30
PHEAT+2576	proteomics_heat	1149308	1149394	+	2	3	K.FMQEAVPEGTGAMAAIIGLDDASIAKACE.E	33
PHEAT+2577	proteomics_heat	1149386	1149469	+	2	13	K.ACEEAAEGQVVSPVNFNSPGQVVIAGHK.E	32
PHEAT+2578	proteomics_heat	1149389	1149469	+	2	2	A.CEEAAEGQVVSPVNFNSPGQVVIAGHK.E	31

PHEAT+2579	proteomics_heat	1149518	1149583	+	2	4	K.RALPLPVSVP SHCALMKPAADK.L	26
PHEAT+2580	proteomics_heat	1149518	1149562	+	2	3	K.RALPLPVSVP SHCAL.M	19
PHEAT+2581	proteomics_heat	1149518	1149556	+	2	2	K.RALPLPVSVP SHC.A	17
PHEAT+2582	proteomics_heat	1149521	1149604	+	2	8	R.ALPLPVSVP SHCALMKPAADKLAVELAK.I	32
PHEAT+2583	proteomics_heat	1149521	1149583	+	2	5	R.ALPLPVSVP SHCALMKPAADK.L	25
PHEAT+2584	proteomics_heat	1149521	1149562	+	2	2	R.ALPLPVSVP SHCAL.M	18
PHEAT+2585	proteomics_heat	1149557	1149604	+	2	2	C.ALMPAADKLAVELAK.I	20
PHEAT+2586	proteomics_heat	1149569	1149604	+	2	2	K.PAADKLAVELAK.I	16
PHEAT+2587	proteomics_heat	1149605	1149655	+	2	13	K.ITFNAPTVPV VNNVDVK.C	21
PHEAT+2588	proteomics_heat	1149728	1149787	+	2	36	K.SVEYMAAQV EHVLYEVGPGK.V	24
PHEAT+2589	proteomics_heat	1149728	1149817	+	2	2	K.SVEYMAAQV EHVLYEVGPGKVLTKRIV.D	34
PHEAT+2590	proteomics_heat	1149809	1149877	+	2	5	K.RIVDTLTASALNEPSAMAAALEL.-	27
PHEAT+2591	proteomics_heat	1149893	1149910	+	2	3	I.MNFEGK.I	10
PHEAT+2592	proteomics_heat	1149911	1149937	+	2	5	K.IALVTGASR.G	13
PHEAT+2593	proteomics_heat	1149950	1149976	+	2	2	R.AIAETLAAR.G	13
PHEAT+2594	proteomics_heat	1149986	1150054	+	2	4	K.VIGTATSENGAQ AISDYL GANGK.G	27
PHEAT+2595	proteomics_heat	1150055	1150108	+	2	18	K.GLMLNVTDPASIESVLEK.I	22
PHEAT+2596	proteomics_heat	1150115	1150165	+	2	36	R.AEFGVDILV N NAGITR.D	21
PHEAT+2597	proteomics_heat	1150184	1150240	+	2	40	R.MKDEEWNDI IETNLSSVFR.L	23
PHEAT+2598	proteomics_heat	1150262	1150357	+	2	2	R.AMMKKRHGR IITIGSVVGTMGNGGQANYAAAK.A	36
PHEAT+2599	proteomics_heat	1150289	1150357	+	2	9	R.IITIGSVVGT MGNGGQANYAAAK.A	27
PHEAT+2600	proteomics_heat	1150358	1150381	+	2	2	K.AGLIGFSK.S	12
PHEAT+2601	proteomics_heat	1150409	1150462	+	2	12	R.GITVNVVAP GFIEDMTR.A	22
PHEAT+2602	proteomics_heat	1150484	1150516	+	2	5	R.AGILAQVPAGR.L	15
PHEAT+2603	proteomics_heat	1150865	1150894	+	2	29	K.KIIGEQLGVK.Q	14
PHEAT+2604	proteomics_heat	1150868	1150894	+	2	5	K.IIGEQLGVK.Q	13
PHEAT+2605	proteomics_heat	1150868	1150897	+	2	2	K.IIGEQLGVKQ.E	14
PHEAT+2606	proteomics_heat	1150973	1151023	+	2	2	M.ALEEEFDTE IPDEEAEK.I	21
PHEAT+2607	proteomics_heat	1151024	1151071	+	2	105	K.ITTVQAAIDY INGHQA.-	20
PHEAT+2608	proteomics_heat	1151177	1151239	+	2	6	R.VVVTGLGMLS PVGN TVESTWK.A	25
PHEAT+2609	proteomics_heat	1151240	1151308	+	2	6	K.ALLAQSGISL IDHFDTSAYATK.F	27
PHEAT+2610	proteomics_heat	1151327	1151356	+	2	8	K.DFNCEDIISR.K	14
PHEAT+2611	proteomics_heat	1151369	1151461	+	2	18	R.KMDAFIQYGI VAGVQAMQDSGLEITEENATR.I	35
PHEAT+2612	proteomics_heat	1151462	1151545	+	2	12	R.IGAAIGSGIGGL IIEENHTSLMNGGPR.K	32
PHEAT+2613	proteomics_heat	1151690	1151740	+	2	9	R.IIAYGDADVM VAGGAEK.A	21
PHEAT+2614	proteomics_heat	1151741	1151782	+	2	2	K.ASTPLGVGGF GAAR.A	18
PHEAT+2615	proteomics_heat	1151798	1151836	+	2	3	R.NDNPQAASRP WDK.E	17
PHEAT+2616	proteomics_heat	1151843	1151905	+	2	3	R.DGFVLGDGAG MLVLEEYEHAK.K	25
PHEAT+2617	proteomics_heat	1152029	1152121	+	2	6	R.DAGIEASQIGY VNAHGTSTPAGDKAEQAVK.T	35
PHEAT+2618	proteomics_heat	1152170	1152238	+	2	10	K.SMTGHLLGAAG AVESIYSILALR.D	27
PHEAT+2619	proteomics_heat	1152350	1152394	+	2	4	C.NSFGFGGTNGSLIFK.K	19
PHEAT+2620	proteomics_heat	1154121	1154213	+	3	5	R.ADLETPTYNTY TITGLPPGAIATPGADSLK.A	35
PHEAT+2621	proteomics_heat	1154719	1154793	+	1	2	R.DAVLGDFRPDL TLYLDVTPEVGLKR.A	29
PHEAT+2622	proteomics_heat	1154893	1154949	+	1	4	K.SIHTIDATQPLEAVMDAIR.T	23
PHEAT+2623	proteomics_heat	1155119	1155157	+	2	2	E.PLFTLP TTAGPQK.L	17
PHEAT+2624	proteomics_heat	1155315	1155374	+	3	3	K.VVWVTDAALLT DAAANALLK.T	24

PHEAT+2625	proteomics_heat	1156324	1156362	+	1	2	R.QQESFIHHIQIGR.E	17
PHEAT+2626	proteomics_heat	1156438	1156482	+	1	3	K.VTDCGGVLHCFTEDR.E	19
PHEAT+2627	proteomics_heat	1157101	1157124	+	1	9	K.NAFANLQK.V	12
PHEAT+2628	proteomics_heat	1157365	1157424	+	1	2	K.TMAVVAPLVLHLPAAEIIASK.H	24
PHEAT+2629	proteomics_heat	1157425	1157493	+	1	31	K.HLADTGVLGGIISGAIAAYMFNR.F	27
PHEAT+2630	proteomics_heat	1157503	1157541	+	1	5	R.IKLPEYLGFFAGK.R	17
PHEAT+2631	proteomics_heat	1157809	1157838	+	1	7	R.YMAGDPTAGK.L	14
PHEAT+2632	proteomics_heat	1157863	1157922	+	1	12	K.MYGLPAAAIWHSAPENR.A	24
PHEAT+2633	proteomics_heat	1158274	1158327	+	1	15	K.ATGTSEMAPALVAAFGGK.E	22
PHEAT+2634	proteomics_heat	1158328	1158363	+	1	3	K.ENITNLDACITR.L	16
PHEAT+2635	proteomics_heat	1158364	1158393	+	1	2	R.LRVSVADVSK.V	14
PHEAT+2636	proteomics_heat	1158370	1158393	+	1	4	R.VSVADVSK.V	12
PHEAT+2637	proteomics_heat	1158394	1158417	+	1	3	K.VDQAGLKK.L	12
PHEAT+2638	proteomics_heat	1158415	1158477	+	1	15	K.KLGAAGVVVAGSGVQAIIFGTK.S	25
PHEAT+2639	proteomics_heat	1158415	1158459	+	1	3	K.KLGAAGVVVAGSGVQ.A	19
PHEAT+2640	proteomics_heat	1158418	1158477	+	1	18	K.LGAAGVVVAGSGVQAIIFGTK.S	24
PHEAT+2641	proteomics_heat	1158478	1158516	+	1	12	K.SDNLKTEMDEYIR.N	17
PHEAT+2642	proteomics_heat	1161147	1161197	+	3	7	R.EIPSDIVYQDDLVTAFR.D	21
PHEAT+2643	proteomics_heat	1161198	1161299	+	3	5	R.DISQPAPTHILIPNLIPTVNDVSAEHEQALGR.M	38
PHEAT+2644	proteomics_heat	1161243	1161299	+	3	3	N.ILIPTVNDVSAEHEQALGR.M	23
PHEAT+2645	proteomics_heat	1161321	1161359	+	3	5	K.IAEQEGIAEDGYR.L	17
PHEAT+2646	proteomics_heat	1161755	1161823	+	2	3	R.SVTIPAHSAVTLYGSANFLGAHK.V	27
PHEAT+2647	proteomics_heat	1162089	1162130	+	3	3	R.HYDWNAMQPMVSK.M	18
PHEAT+2648	proteomics_heat	1162131	1162193	+	3	6	K.MLGADGVTAGSVLLVDSVNNR.T	25
PHEAT+2649	proteomics_heat	1162194	1162238	+	3	3	R.TNGSLNAAEATETLR.N	19
PHEAT+2650	proteomics_heat	1162302	1162343	+	3	3	K.QQLGLSPQDSLGR.S	18
PHEAT+2651	proteomics_heat	1163549	1163602	+	2	3	R.LPAAQSFAALSGMEEGGK.L	22
PHEAT+2652	proteomics_heat	1163717	1163740	+	2	2	R.SYHADPQK.A	12
PHEAT+2653	proteomics_heat	1164164	1164205	+	2	4	R.KGAVSVLDNLSPIK.A	18
PHEAT+2654	proteomics_heat	1164366	1164419	+	3	5	A.MIIYLHGFDNSPGRNHEK.V	22
PHEAT+2655	proteomics_heat	1164420	1164455	+	3	3	K.VLQLQFIDPDVR.L	16
PHEAT+2656	proteomics_heat	1164522	1164593	+	3	8	K.MLQLNVDERPLICGVGLGGYWAER.I	28
PHEAT+2657	proteomics_heat	1164618	1164668	+	3	4	R.QVIFNPNLFPYENMEGK.I	21
PHEAT+2658	proteomics_heat	1164669	1164707	+	3	4	K.IDRPEEYADIATK.C	17
PHEAT+2659	proteomics_heat	1164792	1164851	+	3	10	R.TSEELHHYYEIVWDEEQTHK.F	24
PHEAT+2660	proteomics_heat	1165329	1165388	+	3	4	K.IVIVGGGAGGLEMATQLGHK.L	24
PHEAT+2661	proteomics_heat	1165452	1165526	+	3	2	K.PLLHEVATGSLDEGVDALSYLAHAR.N	29
PHEAT+2662	proteomics_heat	1165527	1165574	+	3	24	R.NHGFQFQLGSVIDIDR.E	20
PHEAT+2663	proteomics_heat	1165584	1165643	+	3	5	K.TITIAELRDEKGELLVPERK.I	24
PHEAT+2664	proteomics_heat	1165584	1165640	+	3	3	K.TITIAELRDEKGELLVPERK.K	23
PHEAT+2665	proteomics_heat	1165608	1165643	+	3	2	R.DEKGELLVPERK.I	16
PHEAT+2666	proteomics_heat	1165644	1165712	+	3	2	K.IAYDTLVMALGSTSNDFNTPGVK.E	27
PHEAT+2667	proteomics_heat	1165713	1165751	+	3	3	K.ENCIFLDNPHQAR.R	17
PHEAT+2668	proteomics_heat	1165755	1165787	+	3	2	R.FHQEMLNLFK.Y	15
PHEAT+2669	proteomics_heat	1165788	1165817	+	3	2	K.YSANLGANGK.V	14
PHEAT+2670	proteomics_heat	1165818	1165889	+	3	2	K.VNIAIVGGGATGVELSAELHNAVK.Q	28

PHEAT+2671	proteomics_heat	1165914	1165964	+	3	8	K.GLTNEALNVTLVEAGER.I	21
PHEAT+2672	proteomics_heat	1165989	1166021	+	3	9	R.ISAAAHNELTK.L	15
PHEAT+2673	proteomics_heat	1166034	1166087	+	3	4	R.VLTQTMVTSADDEGLHTK.D	22
PHEAT+2674	proteomics_heat	1166157	1166183	+	3	3	K.DIGGLETNR.I	13
PHEAT+2675	proteomics_heat	1166184	1166225	+	3	2	R.INQLVVEPTLQTR.D	18
PHEAT+2676	proteomics_heat	1166226	1166297	+	3	4	R.DPDIYAIGDCASCPRPEGGFVPPR.A	28
PHEAT+2677	proteomics_heat	1166298	1166372	+	3	7	R.AQAAHQMATCAMNNILAQMNGKPLK.N	29
PHEAT+2678	proteomics_heat	1166373	1166456	+	3	2	K.NYQYKDHGSLVSLNFSTVGSLMGNLTR.G	32
PHEAT+2679	proteomics_heat	1166388	1166456	+	3	5	K.DHGSLVSLNFSTVGSLMGNLTR.G	27
PHEAT+2680	proteomics_heat	1168362	1168400	+	3	6	A.AVEVQSTPEGQQK.V	17
PHEAT+2681	proteomics_heat	1168401	1168487	+	3	2	K.VGTISANAGTNLGSLEEQLAQKADEMGA.K.S	33
PHEAT+2682	proteomics_heat	1168401	1168466	+	3	3	K.VGTISANAGTNLGSLEEQLAQK.A	26
PHEAT+2683	proteomics_heat	1168413	1168466	+	3	3	I.SANAGTNLGSLEEQLAQK.A	22
PHEAT+2684	proteomics_heat	1168497	1168550	+	3	6	R.ITSVTGPNTLHGTAVIYK.-	22
PHEAT+2685	proteomics_heat	1175986	1176066	+	1	2	K.STLLHLLGGLDTPSGDVIFNGQPMSK.L	31
PHEAT+2686	proteomics_heat	1176133	1176189	+	1	3	H.LLPDFTAENVAMPLLIQK.K	23
PHEAT+2687	proteomics_heat	1176337	1176378	+	1	2	R.LVLADEPTGNLDAR.N	18
PHEAT+2688	proteomics_heat	1176421	1176471	+	1	6	R.LQGTAFLLVTHDLQLAK.R	21
PHEAT+2689	proteomics_heat	1177476	1177565	+	3	2	K.DGLIRAIWFVWYGLLAGLFGSLCGVIIGVVV.S	34
PHEAT+2690	proteomics_heat	1178344	1178391	+	1	2	R.CGCGQHGCNIENYLSGR.G	20
PHEAT+2691	proteomics_heat	1179034	1179087	+	1	3	R.QLQQPEIQPNAHLALAK.L	22
PHEAT+2692	proteomics_heat	1179112	1179153	+	1	2	R.FLLVTQNIDNLHER.A	18
PHEAT+2693	proteomics_heat	1179433	1179501	+	1	10	K.LHGAHTVELNLEPSQVGNEFAEK.Y	27
PHEAT+2694	proteomics_heat	1185364	1185468	+	1	6	R.GGDIALGIGDEVLSPPMFPVLHQLLGGQLITTDGK.T	39
PHEAT+2695	proteomics_heat	1185469	1185540	+	1	2	K.TLLGADDKAGIAEIMTALAVLQQK.K	28
PHEAT+2696	proteomics_heat	1185565	1185597	+	1	2	R.VAFTPDEEVGK.G	15
PHEAT+2697	proteomics_heat	1185607	1185636	+	1	4	K.HFDVDAFDAR.W	14
PHEAT+2698	proteomics_heat	1185715	1185750	+	1	2	K.IVGNNVHPGTAK.G	16
PHEAT+2699	proteomics_heat	1185787	1185867	+	1	2	R.IHAEVPADESPEMTEGYEGFYHLASMK.G	31
PHEAT+2700	proteomics_heat	1186042	1186089	+	1	7	K.VVEHPHILDIAQQAMR.D	20
PHEAT+2701	proteomics_heat	1186126	1186209	+	1	2	R.GGTDGAQLSFMGLPCPNLFTGGYNYHGK.H	32
PHEAT+2702	proteomics_heat	1194358	1194381	+	1	3	K.VVVAQQK.K	12
PHEAT+2703	proteomics_heat	1194382	1194405	+	1	4	K.KITLQNGK.L	12
PHEAT+2704	proteomics_heat	1194385	1194486	+	1	3	K.ITLQNGKLNVPENPIIPYIEGDGIGVDVTPAMLK.V	38
PHEAT+2705	proteomics_heat	1194406	1194486	+	1	54	K.LNVPENPIIPYIEGDGIGVDVTPAMLK.V	31
PHEAT+2706	proteomics_heat	1194430	1194486	+	1	2	I.IPYIEGDGIGVDVTPAMLK.V	23
PHEAT+2707	proteomics_heat	1194433	1194486	+	1	7	I.PYIEGDGIGVDVTPAMLK.V	22
PHEAT+2708	proteomics_heat	1194439	1194486	+	1	2	Y.IEGDGIGVDVTPAMLK.V	20
PHEAT+2709	proteomics_heat	1194487	1194510	+	1	6	K.VVDAAVEK.A	12
PHEAT+2710	proteomics_heat	1194529	1194564	+	1	43	R.KISWMEIYTGEK.S	16
PHEAT+2711	proteomics_heat	1194532	1194564	+	1	16	K.ISWMEIYTGEK.S	15
PHEAT+2712	proteomics_heat	1194544	1194564	+	1	2	M.EIYTGEK.S	11
PHEAT+2713	proteomics_heat	1194565	1194624	+	1	48	K.STQVYGQDVWLPAETLDLIR.E	24
PHEAT+2714	proteomics_heat	1194565	1194588	+	1	2	K.STQVYGQD.V	12
PHEAT+2715	proteomics_heat	1194634	1194681	+	1	21	R.VAIKGPLTPVGGGIR.S	20
PHEAT+2716	proteomics_heat	1194646	1194681	+	1	10	K.GPLTPVGGGIR.S	16

PHEAT+2717	proteomics_heat	1194742	1194771	+	1	17	R.YYQGTSPVVK.H	14
PHEAT+2718	proteomics_heat	1194742	1194804	+	1	35	R.YYQGTSPVVKHPELDMVIFR.E	25
PHEAT+2719	proteomics_heat	1194742	1194786	+	1	3	R.YYQGTSPVVKHPELT.D	19
PHEAT+2720	proteomics_heat	1194772	1194804	+	1	48	K.HPELDMVIFR.E	15
PHEAT+2721	proteomics_heat	1194805	1194843	+	1	32	R.ENSEDIYAGIEWK.A	17
PHEAT+2722	proteomics_heat	1194877	1194903	+	1	12	K.FLREEMGVK.K	13
PHEAT+2723	proteomics_heat	1194877	1194906	+	1	6	K.FLREEMGVKK.I	14
PHEAT+2724	proteomics_heat	1194880	1194903	+	1	4	F.LREEMGVK.K	12
PHEAT+2725	proteomics_heat	1194886	1194906	+	1	2	R.EEMGVKK.I	11
PHEAT+2726	proteomics_heat	1194907	1194966	+	1	8	K.IRFPEHCGIGIKPCSEEGTK.R	24
PHEAT+2727	proteomics_heat	1194907	1194948	+	1	2	K.IRFPEHCGIGIKPC.S	18
PHEAT+2728	proteomics_heat	1194907	1194942	+	1	3	K.IRFPEHCGIGIK.P	16
PHEAT+2729	proteomics_heat	1194907	1194954	+	1	2	K.IRFPEHCGIGIKPCSE.E	20
PHEAT+2730	proteomics_heat	1194913	1194969	+	1	7	R.FPEHCGIGIKPCSEEGTKR.L	23
PHEAT+2731	proteomics_heat	1194913	1194966	+	1	33	R.FPEHCGIGIKPCSEEGTK.R	22
PHEAT+2732	proteomics_heat	1194913	1194948	+	1	8	R.FPEHCGIGIKPC.S	16
PHEAT+2733	proteomics_heat	1194979	1195035	+	1	61	R.AAIEYAIANDRDSVTLVHK.G	23
PHEAT+2734	proteomics_heat	1194979	1195011	+	1	8	R.AAIEYAIANDR.D	15
PHEAT+2735	proteomics_heat	1194994	1195035	+	1	7	Y.AIANDRDSVTLVHK.G	18
PHEAT+2736	proteomics_heat	1195012	1195035	+	1	4	R.DSVTLVHK.G	12
PHEAT+2737	proteomics_heat	1195051	1195095	+	1	29	K.FTEGAFKDWGYQLAR.E	19
PHEAT+2738	proteomics_heat	1195051	1195086	+	1	3	K.FTEGAFKDWGYQ.L	16
PHEAT+2739	proteomics_heat	1195072	1195095	+	1	2	K.DWGYQLAR.E	12
PHEAT+2740	proteomics_heat	1195090	1195140	+	1	3	L.AREEFGGELIDGGPWLK.V	21
PHEAT+2741	proteomics_heat	1195096	1195140	+	1	36	R.EEFGGELIDGGPWLK.V	19
PHEAT+2742	proteomics_heat	1195147	1195179	+	1	2	K.NPNTGKEIVIK.D	15
PHEAT+2743	proteomics_heat	1195180	1195221	+	1	4	K.DVIADAFLQQILLR.P	18
PHEAT+2744	proteomics_heat	1195180	1195248	+	1	4	K.DVIADAFLQQILLRPAEYDVIAK.M	27
PHEAT+2745	proteomics_heat	1195315	1195377	+	1	2	A.PGANIGDECALFEATHGTAPK.Y	25
PHEAT+2746	proteomics_heat	1195327	1195377	+	1	2	N.IGDECALFEATHGTAPK.Y	21
PHEAT+2747	proteomics_heat	1195378	1195440	+	1	54	K.YAGQDKVNPGSILSAEMMLR.H	25
PHEAT+2748	proteomics_heat	1195378	1195407	+	1	2	K.YAGQDKVNP.G.S	14
PHEAT+2749	proteomics_heat	1195396	1195440	+	1	330	K.VNPGSILSAEMMLR.H	19
PHEAT+2750	proteomics_heat	1195441	1195479	+	1	171	R.HMGWTEAADLIVK.G	17
PHEAT+2751	proteomics_heat	1195441	1195479	+	1	171	R.HMGWTEAADLIVK.G	17
PHEAT+2752	proteomics_heat	1195480	1195506	+	1	2	K.GMEGAINAK.T	13
PHEAT+2753	proteomics_heat	1195480	1195506	+	1	2	K.GMEGAINAK.T	13
PHEAT+2754	proteomics_heat	1195507	1195530	+	1	2	K.TVTYDFER.L	12
PHEAT+2755	proteomics_heat	1195507	1195530	+	1	2	K.TVTYDFER.L	12
PHEAT+2756	proteomics_heat	1195558	1195593	+	1	2	K.CSEFGDAIENM.-	16
PHEAT+2757	proteomics_heat	1210645	1210683	+	1	171	R.HMGWTEAADLIVK.G	17
PHEAT+2758	proteomics_heat	1210645	1210683	+	1	171	R.HMGWTEAADLIVK.G	17
PHEAT+2759	proteomics_heat	1210684	1210710	+	1	2	K.GMEGAINAK.T	13
PHEAT+2760	proteomics_heat	1210684	1210710	+	1	2	K.GMEGAINAK.T	13
PHEAT+2761	proteomics_heat	1210711	1210734	+	1	2	K.TVTYDFER.L	12
PHEAT+2762	proteomics_heat	1210711	1210734	+	1	2	K.TVTYDFER.L	12

PHEAT+2763	proteomics_heat	1215745	1215798	+	1	2	K.NIILSLIHSLETTSDILK.A	22
PHEAT+2764	proteomics_heat	1226009	1226089	+	2	4	K.AAENLQSLQGYDPSEFTFANGVFCDVK.E	31
PHEAT+2765	proteomics_heat	1226967	1226996	+	3	2	K.RDQTYLYVEK.K	14
PHEAT+2766	proteomics_heat	1226970	1226996	+	3	3	R.DQTYLYVEK.K	13
PHEAT+2767	proteomics_heat	1227036	1227083	+	3	2	K.GFGQPQLAMILPLDGR.K	20
PHEAT+2768	proteomics_heat	1227087	1227113	+	3	5	K.KLVNADIEK.V	13
PHEAT+2769	proteomics_heat	1227302	1227355	+	2	2	V.MYQHHNWQGALLDYPVSK.V	22
PHEAT+2770	proteomics_heat	1227668	1227772	+	2	3	K.AFDNSCPLSGFIPAAEFTGDPQNTTLSLSVNGEQR.Q	39
PHEAT+2771	proteomics_heat	1227728	1227772	+	2	2	D.PQNTTLSLSVNGEQR.Q	19
PHEAT+2772	proteomics_heat	1234371	1234424	+	3	6	K.VNNFWETSGLNILETLAR.L	22
PHEAT+2773	proteomics_heat	1234425	1234475	+	3	3	R.LDHESVPQLIDNLLSVR.T	21
PHEAT+2774	proteomics_heat	1234530	1234610	+	3	2	K.AQEVLATANEVADHADAFEAELDYNIIFR.G	31
PHEAT+2775	proteomics_heat	1234611	1234667	+	3	5	R.GLAFASGNPIYGLILNGMK.G	23
PHEAT+2776	proteomics_heat	1234719	1234799	+	3	2	R.SLALGFYHKLSALCSEGAHDQVYETVR.R	31
PHEAT+2777	proteomics_heat	1234746	1234799	+	3	2	K.LSALCSEGAHDQVYETVR.R	22
PHEAT+2778	proteomics_heat	1237076	1237108	+	2	2	R.NCDTSHYMNK.G	15
PHEAT+2779	proteomics_heat	1237250	1237306	+	2	3	R.DIAVLEDAGVPYQLLESSR.L	23
PHEAT+2780	proteomics_heat	1237349	1237420	+	2	2	K.LTGGQLPNDETGDCQLFTQNLAR.M	28
PHEAT+2781	proteomics_heat	1237721	1237774	+	2	2	R.VGGMAEIVGFNTELLQPR.R	22
PHEAT+2782	proteomics_heat	1237817	1237894	+	2	2	R.GGHVEQATFWTGLRPMTPDGTVPVGR.T	30
PHEAT+2783	proteomics_heat	1240434	1240517	+	3	9	Q.PQHQEHDLRQPGEAVEILQDAVAVANR.A	32
PHEAT+2784	proteomics_heat	1252083	1252160	+	3	2	N.AAQVTGGRIQEMSALLGIGRTTLWRK.M	30
PHEAT+2785	proteomics_heat	1263243	1263302	+	3	2	R.VASGLDSLVLGEPQILGQVK.K	24
PHEAT+2786	proteomics_heat	1264280	1264336	+	2	2	R.HEEVQALLGDAQTIADQER.F	23
PHEAT+2787	proteomics_heat	1264583	1264633	+	2	2	R.AGTGGDEAALFAGDLFR.M	21
PHEAT+2788	proteomics_heat	1264820	1264903	+	2	2	R.IHTSACTVAVMPELPDAELPDINPADLR.I	32
PHEAT+2789	proteomics_heat	1264970	1265017	+	2	4	R.ITHLPTGIVVECQDER.S	20
PHEAT+2790	proteomics_heat	1265066	1265089	+	2	3	R.IHAAEMAK.R	12
PHEAT+2791	proteomics_heat	1265243	1265314	+	2	2	K.LDMLIEPIIQEHQADQLAALSEQE.-	28
PHEAT+2792	proteomics_heat	1267394	1267480	+	2	4	K.QKVVSIGDINVANDLPFVLFGGMNVLESR.D	33
PHEAT+2793	proteomics_heat	1267400	1267480	+	2	81	K.VVSIGDINVANDLPFVLFGGMNVLESR.D	31
PHEAT+2794	proteomics_heat	1267496	1267528	+	2	19	R.ICEHYVTVTQK.L	15
PHEAT+2795	proteomics_heat	1267598	1267624	+	2	2	R.GPGLIEGGMK.I	13
PHEAT+2796	proteomics_heat	1267661	1267747	+	2	36	K.IITDVHEPSQAQPVADVVDVIQLPAFLAR.Q	33
PHEAT+2797	proteomics_heat	1267748	1267777	+	2	2	R.QTDLVEAMAK.T	14
PHEAT+2798	proteomics_heat	1267802	1267849	+	2	11	K.KPQFVSPGQMGNIVDK.F	20
PHEAT+2799	proteomics_heat	1267802	1267855	+	2	3	K.KPQFVSPGQMGNIVDKFK.E	22
PHEAT+2800	proteomics_heat	1267892	1267951	+	2	71	R.GANFGYDNLVVDMLGFSIMK.K	24
PHEAT+2801	proteomics_heat	1267952	1268008	+	2	3	K.KVSGNSPVIFDVTHALQCR.D	23
PHEAT+2802	proteomics_heat	1267955	1268008	+	2	7	K.VSGNSPVIFDVTHALQCR.D	22
PHEAT+2803	proteomics_heat	1268009	1268038	+	2	5	R.DPFGAASGGR.R	14
PHEAT+2804	proteomics_heat	1268039	1268065	+	2	2	R.RAQVAELAR.A	13
PHEAT+2805	proteomics_heat	1268042	1268065	+	2	2	R.AQVAELAR.A	12
PHEAT+2806	proteomics_heat	1268066	1268131	+	2	3	R.AGMAVGLAGLFIEAHPDPEHAK.C	26
PHEAT+2807	proteomics_heat	1268132	1268164	+	2	2	K.CDGPSALPLAK.L	15
PHEAT+2808	proteomics_heat	1268213	1268239	+	2	5	K.GFEELDTSK.-	13

PHEAT+2809	proteomics_heat	1271384	1271419	+	2	2	K.HVLPSHAQDIYK.E	16
PHEAT+2810	proteomics_heat	1283673	1283711	+	3	2	R.AASTENEKDLYQR.Q	17
PHEAT+2811	proteomics_heat	1284506	1284565	+	2	3	R.DLTTMDPLDAQAYSELFDR.G	24
PHEAT+2812	proteomics_heat	1284800	1284886	+	2	2	R.LQQRESRYAVLFDLLLKLANTAIDSDKVA.E	33
PHEAT+2813	proteomics_heat	1288750	1288788	+	1	3	R.EIMPETEIENCSR.R	17
PHEAT+2814	proteomics_heat	1289290	1289331	+	1	2	R.AHAATAAGQLAVER.K	18
PHEAT+2815	proteomics_heat	1290125	1290175	+	2	3	R.ALFNGLLQEQLAHQNR.L	21
PHEAT+2816	proteomics_heat	1290707	1290742	+	2	11	K.KAVIPVAGLGTR.M	16
PHEAT+2817	proteomics_heat	1290773	1290874	+	2	2	K.EMLPLVDKPLIQYVVNECIAAGITEIVLVTHSSK.N	38
PHEAT+2818	proteomics_heat	1290797	1290874	+	2	2	K.PLIQYVVNECIAAGITEIVLVTHSSK.N	30
PHEAT+2819	proteomics_heat	1290806	1290874	+	2	3	I.QYVVNECIAAGITEIVLVTHSSK.N	27
PHEAT+2820	proteomics_heat	1290875	1290934	+	2	4	K.NSIENHFDTSFELEAMLEKR.V	24
PHEAT+2821	proteomics_heat	1290941	1291003	+	2	4	K.RQLLDEVQSI CPPHVTIMQVR.Q	25
PHEAT+2822	proteomics_heat	1290944	1291003	+	2	8	R.QLLDEVQSI CPPHVTIMQVR.Q	24
PHEAT+2823	proteomics_heat	1291019	1291150	+	2	4	K.GLGHAVLCAHPVVGDEPVAVILPDVILDEYESDLSQDNLAEMIR.R	48
PHEAT+2824	proteomics_heat	1291151	1291231	+	2	8	R.RFDETGHSQIMVEPVADVTAYGVVDCK.G	31
PHEAT+2825	proteomics_heat	1291232	1291291	+	2	8	K.GVELAPGESVPMVGVVEKPK.A	24
PHEAT+2826	proteomics_heat	1291292	1291330	+	2	2	K.ADVAPSNLAIVGR.Y	17
PHEAT+2827	proteomics_heat	1291331	1291369	+	2	7	R.YVLSADIWPLLAK.T	17
PHEAT+2828	proteomics_heat	1291433	1291459	+	2	3	K.ETVEAYHMK.G	13
PHEAT+2829	proteomics_heat	1291487	1291525	+	2	6	K.LGYMQAFVEYGIR.H	17
PHEAT+2830	proteomics_heat	1291526	1291552	+	2	3	R.HNTLGTDFK.A	13
PHEAT+2831	proteomics_heat	1291553	1291585	+	2	7	K.AWLEEMGIKK.-	15
PHEAT+2832	proteomics_heat	1292969	1293031	+	2	3	R.AEHEQQAIHCVLVDECQFLTR.Q	25
PHEAT+2833	proteomics_heat	1293218	1293280	+	2	2	R.LDQAGRPNYNEGEQVVIGGNER.Y	25
PHEAT+2834	proteomics_heat	1299284	1299319	+	2	4	A.ADVPAVTLAEK.Q	16
PHEAT+2835	proteomics_heat	1299335	1299406	+	2	6	R.NNGSEVQSLDPHKIEGVPESNISR.D	28
PHEAT+2836	proteomics_heat	1299407	1299493	+	2	11	R.DLFEGLLVSDLDGHPAPGVAESWDNKDAK.V	33
PHEAT+2837	proteomics_heat	1299407	1299484	+	2	4	R.DLFEGLLVSDLDGHPAPGVAESWDNK.D	30
PHEAT+2838	proteomics_heat	1299527	1299580	+	2	4	K.WSDGTPVTAQDFVYSWQR.S	22
PHEAT+2839	proteomics_heat	1299581	1299634	+	2	2	R.SVDPNTASPYASYLQYGH.I	22
PHEAT+2840	proteomics_heat	1299668	1299694	+	2	7	K.KPITDLGVK.A	13
PHEAT+2841	proteomics_heat	1299695	1299754	+	2	7	K.AIDDHTLEVTLSEVPYFYK.L	24
PHEAT+2842	proteomics_heat	1299755	1299790	+	2	5	K.LLVHPSTSPVPK.A	16
PHEAT+2843	proteomics_heat	1299818	1299865	+	2	3	K.WTQPGNIVTNGAYTLK.D	20
PHEAT+2844	proteomics_heat	1299902	1299928	+	2	2	R.SPTYWNNAK.T	13
PHEAT+2845	proteomics_heat	1299995	1300048	+	2	4	R.SGEIDMTNNSMPIELFQK.L	22
PHEAT+2846	proteomics_heat	1300205	1300261	+	2	4	K.AQGNMPAYGYTPPYTDGAK.L	23
PHEAT+2847	proteomics_heat	1300262	1300300	+	2	2	K.LTQPEWFGWSQEK.R	17
PHEAT+2848	proteomics_heat	1300319	1300399	+	2	7	K.KLLAEAGYTADKPLTINLLYNTSDLHK.K	31
PHEAT+2849	proteomics_heat	1300322	1300402	+	2	4	K.LLAEAGYTADKPLTINLLYNTSDLHKK.L	31
PHEAT+2850	proteomics_heat	1300322	1300399	+	2	3	K.LLAEAGYTADKPLTINLLYNTSDLHK.K	30
PHEAT+2851	proteomics_heat	1300403	1300432	+	2	2	K.LAIAASSLWK.K	14
PHEAT+2852	proteomics_heat	1300496	1300522	+	2	6	R.HQGTDFVAR.A	13
PHEAT+2853	proteomics_heat	1300523	1300609	+	2	2	R.AGWCADYNEPTSFLNTMLSNSMNTAHYK.S	33
PHEAT+2854	proteomics_heat	1300610	1300648	+	2	3	K.SPAFDSIMAETLK.V	17

PHEAT+2855	proteomics_heat	1300688	1300750	+	2	8	K.AEQQLDKDSAIVPVYYYYVNAR.L	25
PHEAT+2856	proteomics_heat	1300751	1300813	+	2	7	R.LVKPWVGGYTGKDPLDNTYTR.N	25
PHEAT+2857	proteomics_heat	1301079	1301126	+	3	3	K.YHLNDPIMTQYFSYLK.Q	20
PHEAT+2858	proteomics_heat	1303540	1303599	+	1	3	R.DVIFYQPVHPYSIGLLNAVPR.L	24
PHEAT+2859	proteomics_heat	1303926	1303976	+	3	3	R.LYEGETLGVVGESGCGK.S	21
PHEAT+2860	proteomics_heat	1304013	1304045	+	3	2	K.ATDGHVAWLK.E	15
PHEAT+2861	proteomics_heat	1304088	1304138	+	3	2	R.SDIQMIFQDPLASLNPR.M	21
PHEAT+2862	proteomics_heat	1304139	1304174	+	3	2	R.MTIGEIIAEPLR.T	16
PHEAT+2863	proteomics_heat	1304268	1304303	+	3	2	R.YPHEFSGGQCQR.I	16
PHEAT+2864	proteomics_heat	1309260	1309361	+	3	6	M.VTPADLEPPQAVQPPPEPVVEPEPEPEPIPEPPK.E	38
PHEAT+2865	proteomics_heat	1309296	1309361	+	3	3	V.QPPPEPVVEPEPEPEPIPEPPK.E	26
PHEAT+2866	proteomics_heat	1309299	1309361	+	3	3	Q.PPPEPVVEPEPEPEPIPEPPK.E	25
PHEAT+2867	proteomics_heat	1309362	1309397	+	3	2	K.EAPVVIEKPKPK.P	16
PHEAT+2868	proteomics_heat	1309509	1309574	+	3	9	R.LTSSTATATAATSKPVTSVASGPR.A	26
PHEAT+2869	proteomics_heat	1312107	1312133	+	3	3	A.HEAGEFFMR.A	13
PHEAT+2870	proteomics_heat	1312311	1312391	+	3	7	R.ATGDIATVHHLPTLMAQWYFGDASSK.F	31
PHEAT+2871	proteomics_heat	1312392	1312463	+	3	22	K.FRPYVGAGINYTTFFDNGFNDHGK.E	28
PHEAT+2872	proteomics_heat	1312464	1312493	+	3	2	K.EAGLSDLSLK.D	14
PHEAT+2873	proteomics_heat	1312605	1312637	+	3	8	K.LGGAQQHDSVR.L	15
PHEAT+2874	proteomics_heat	1317211	1317246	+	1	3	S.SRVRLRSIDKSR.R	16
PHEAT+2875	proteomics_heat	1320663	1320761	+	3	2	R.STRQFGDCSLSTPAGRALSSSARRASPLPESAW.I	37
PHEAT+2876	proteomics_heat	1322125	1322166	+	1	3	M.SQFFYIHPDNPQQR.L	18
PHEAT+2877	proteomics_heat	1322167	1322196	+	1	2	R.LINQAVEIVR.K	14
PHEAT+2878	proteomics_heat	1322197	1322250	+	1	4	R.KGGVIVYPTDSGYALGCK.I	22
PHEAT+2879	proteomics_heat	1322332	1322382	+	1	5	R.DLSELSTYSFVDNVAFR.L	21
PHEAT+2880	proteomics_heat	1322488	1322610	+	1	4	R.VPSNPIAQALLEALGEPMLSTSLMLPGSEFTESDPPEIKDR.L	45
PHEAT+2881	proteomics_heat	1322620	1322709	+	1	3	K.QVDLIHGGYLQKPTTVIDLTDTPVVVR.E	34
PHEAT+2882	proteomics_heat	1324987	1325022	+	1	3	K.LGDRVEVTPGLK.I	16
PHEAT+2883	proteomics_heat	1325029	1325055	+	1	2	R.IDGHLISVR.E	13
PHEAT+2884	proteomics_heat	1325080	1325121	+	1	3	R.VLAYKPEGELCTR.N	18
PHEAT+2885	proteomics_heat	1325305	1325385	+	1	2	R.VFGQVDDAKLRDLRSGVQLEDGPAAFK.T	31
PHEAT+2886	proteomics_heat	1325467	1325502	+	1	2	R.RLWEAVGVQVSR.L	16
PHEAT+2887	proteomics_heat	1325599	1325634	+	1	3	R.ELVELPPETSSK.V	16
PHEAT+2888	proteomics_heat	1327485	1327562	+	3	3	R.VNNLSEQYKEMKEELAAALMDSHQK.Q	30
PHEAT+2889	proteomics_heat	1327512	1327562	+	3	4	K.EMKEELAAALMDSHQK.Q	21
PHEAT+2890	proteomics_heat	1327521	1327562	+	3	3	K.EELAAALMDSHQK.Q	18
PHEAT+2891	proteomics_heat	1327629	1327661	+	3	7	K.LGEVATDSKPR.V	15
PHEAT+2892	proteomics_heat	1327683	1327775	+	3	9	K.GSMDAHEVNSLREEITAVLAAFKPQDQVVL.R	35
PHEAT+2893	proteomics_heat	1327719	1327775	+	3	2	R.EEITAVLAAFKPQDQVVL.R	23
PHEAT+2894	proteomics_heat	1327776	1327835	+	3	5	R.LESPGGMVHGYGLAASQLQR.L	24
PHEAT+2895	proteomics_heat	1327878	1327922	+	3	2	K.VAASGGYMMACVADK.I	19
PHEAT+2896	proteomics_heat	1328001	1328045	+	3	5	K.SKDIDIELHTAGQYK.R	19
PHEAT+2897	proteomics_heat	1328049	1328093	+	3	4	R.TLTLGENTEEGREK.F	19
PHEAT+2898	proteomics_heat	1328094	1328132	+	3	2	K.FREELNETHQLFK.D	17
PHEAT+2899	proteomics_heat	1328148	1328219	+	3	11	R.MRPSLDIEQVATGEHWYQQAVEK.G	28
PHEAT+2900	proteomics_heat	1328220	1328279	+	3	9	K.GLVDEINTSDEVILSLMEGR.E	24



PHEAT+2901	proteomics_heat	1329177	1329206	+	3	2	R.DLPTSGSAAK.K	14
PHEAT+2902	proteomics_heat	1329282	1329344	+	3	3	R.MGVDPWHNWEAHYEVLPGKEK.V	25
PHEAT+2903	proteomics_heat	1329282	1329338	+	3	2	R.MGVDPWHNWEAHYEVLPGK.E	23
PHEAT+2904	proteomics_heat	1329867	1329959	+	3	2	R.YSVLEREDKPTTSKPGAPFITSTLQQAASR.L	35
PHEAT+2905	proteomics_heat	1329885	1329959	+	3	5	R.EDKPTTSKPGAPFITSTLQQAASR.L	29
PHEAT+2906	proteomics_heat	1330107	1330145	+	3	2	K.KYLPESPNQYASK.E	17
PHEAT+2907	proteomics_heat	1330146	1330238	+	3	2	K.ENSQEAHEAIRPSDVNVMAESLKDMEADAQK.L	35
PHEAT+2908	proteomics_heat	1330146	1330214	+	3	2	K.ENSQEAHEAIRPSDVNVMAESLK.D	27
PHEAT+2909	proteomics_heat	1330416	1330499	+	3	9	R.ILPAVNKGDALTLVELTPAQHFTKPPAR.F	32
PHEAT+2910	proteomics_heat	1330539	1330592	+	3	3	R.GIGRPSTYASIIISTIQDR.G	22
PHEAT+2911	proteomics_heat	1330677	1330754	+	3	3	R.ELMNYDFTAQMENSLDQVANHEAEWK.A	30
PHEAT+2912	proteomics_heat	1330755	1330802	+	3	3	K.AVLDFHFFSDFTQQLDK.A	20
PHEAT+2913	proteomics_heat	1330965	1331042	+	3	3	K.TTINLVPENEVLNVLEGEDAETNALR.A	30
PHEAT+2914	proteomics_heat	1331109	1331171	+	3	2	K.LHVCGNNTCDGYEIEEGEFR.I	25
PHEAT+2915	proteomics_heat	1331172	1331210	+	3	3	R.IKGYDGPIVECEK.C	17
PHEAT+2916	proteomics_heat	1331304	1331366	+	3	3	R.NGEVAPPKEDPVPLPELPEK.S	25
PHEAT+2917	proteomics_heat	1331508	1331549	+	3	5	R.YLADAPQQDPEGNK.T	18
PHEAT+2918	proteomics_heat	1331580	1331612	+	3	3	K.QQYVSSEKDGK.A	15
PHEAT+2919	proteomics_heat	1332041	1332082	+	2	9	K.HLTQVTPAGQEIR.I	18
PHEAT+2920	proteomics_heat	1332122	1332193	+	2	3	K.SVAGEHTWPKGSLYIATHTQAR.Y	28
PHEAT+2921	proteomics_heat	1332155	1332193	+	2	2	K.GSLYIATHTQAR.Y	17
PHEAT+2922	proteomics_heat	1332242	1332298	+	2	2	R.VSLHMHQGSPTQIADAVSK.G	23
PHEAT+2923	proteomics_heat	1332383	1332424	+	2	5	R.AIVVTPDHPLAGKK.A	18
PHEAT+2924	proteomics_heat	1332383	1332421	+	2	2	R.AIVVTPDHPLAGK.K	17
PHEAT+2925	proteomics_heat	1332422	1332490	+	2	2	K.KAITIEELAQYPLVITYFGFTGR.S	27
PHEAT+2926	proteomics_heat	1332425	1332490	+	2	2	K.AITIEELAQYPLVITYFGFTGR.S	26
PHEAT+2927	proteomics_heat	1332584	1332652	+	2	8	R.LGLGVGIASMAVDPVADPDLVR.V	27
PHEAT+2928	proteomics_heat	1332653	1332691	+	2	6	R.VDAHDIFSHSTTK.I	17
PHEAT+2929	proteomics_heat	1332770	1332799	+	2	3	R.DVVDAAVLR.S	14
PHEAT+2930	proteomics_heat	1333903	1333944	+	1	13	K.DKTYHYSLPLAAK.S	18
PHEAT+2931	proteomics_heat	1333909	1333944	+	1	2	K.TYHYSLPLAAK.S	16
PHEAT+2932	proteomics_heat	1334008	1334067	+	1	2	R.WQDGNVTEEDIHALAGWLK.N	24
PHEAT+2933	proteomics_heat	1334110	1334166	+	1	5	R.VLMQDFTGVPVAVDLAAMR.E	23
PHEAT+2934	proteomics_heat	1334203	1334259	+	1	3	K.VNPLSPVDLVIDHSVTVD.R.F	23
PHEAT+2935	proteomics_heat	1334260	1334295	+	1	2	R.FGDDEAFEENVR.L	16
PHEAT+2936	proteomics_heat	1334632	1334682	+	1	47	R.EGITATDLVLTVTQMLR.K	21
PHEAT+2937	proteomics_heat	1334704	1334754	+	1	4	K.FVEFYGDGLDSLPLADR.A	21
PHEAT+2938	proteomics_heat	1334755	1334838	+	1	4	R.ATIANMSPEYGATCGFFPIDAVTLDYMR.L	32
PHEAT+2939	proteomics_heat	1334908	1334988	+	1	8	R.NPGDEPIFTSTLELDMNDVEASLAGPK.R	31
PHEAT+2940	proteomics_heat	1335028	1335078	+	1	2	K.AFAASNELEVNATHKDR.Q	21
PHEAT+2941	proteomics_heat	1335028	1335072	+	1	3	K.AFAASNELEVNATHK.D	19
PHEAT+2942	proteomics_heat	1335307	1335414	+	1	2	K.LTPYLDLGFNLVGYGCTTCIGNSGPLDPIETAIK.K	40
PHEAT+2943	proteomics_heat	1335415	1335456	+	1	3	K.KSDLTVGAVLSGNR.N	18
PHEAT+2944	proteomics_heat	1335586	1335609	+	1	2	R.KGDPVYLK.D	12
PHEAT+2945	proteomics_heat	1335676	1335717	+	1	2	R.KEYAEVFEGTAEWK.G	18
PHEAT+2946	proteomics_heat	1335778	1335843	+	1	4	R.LSPFFDEMQATPAPVEDIHGAR.I	26

PHEAT+2947	proteomics_heat	1335844	1335927	+	1	3	R.ILAMLGDSVTTDHISPAGSIKPDSPAGR.Y	32
PHEAT+2948	proteomics_heat	1335958	1335981	+	1	2	K.DFNSYGSR.R	12
PHEAT+2949	proteomics_heat	1336030	1336074	+	1	4	R.IRNEMVPGVEGMTR.H	19
PHEAT+2950	proteomics_heat	1336075	1336122	+	1	5	R.HLPDSDVVSIYDAAMR.Y	20
PHEAT+2951	proteomics_heat	1336123	1336164	+	1	8	R.YKQEQTPLAVIAGK.E	18
PHEAT+2952	proteomics_heat	1336264	1336320	+	1	4	R.SNLIGMGILPLEFPQGVTR.K	23
PHEAT+2953	proteomics_heat	1336414	1336446	+	1	5	R.ADGSQEVVPCR.C	15
PHEAT+2954	proteomics_heat	1336453	1336515	+	1	3	R.IDTATELTYQNDGILHYVIR.N	25
PHEAT+2955	proteomics_heat	1338504	1338572	+	3	7	K.RLENQLSPATDVAVVPHSSAAKE.-	27
PHEAT+2956	proteomics_heat	1338504	1338569	+	3	5	K.RLENQLSPATDVAVVPHSSAAK.E	26
PHEAT+2957	proteomics_heat	1339110	1339175	+	3	2	R.VEIAHFYCELALQHMASDDLDR.A	26
PHEAT+2958	proteomics_heat	1339317	1339373	+	3	2	R.ELVSETLEMLQTCYQQLGK.T	23
PHEAT+2959	proteomics_heat	1339467	1339502	+	3	2	R.DGSEAAQVYITR.Q	16
PHEAT+2960	proteomics_heat	1339542	1339580	+	3	3	K.LMDYHLNEAEGR.A	17
PHEAT+2961	proteomics_heat	1339975	1340022	+	1	3	R.AVTNSPVVVALDYHNR.D	20
PHEAT+2962	proteomics_heat	1340023	1340049	+	1	4	R.DDALAFVDK.I	13
PHEAT+2963	proteomics_heat	1340164	1340259	+	1	4	K.FHDIPNTAAHAAAAADLGVWMVNVHASGGAR.M	36
PHEAT+2964	proteomics_heat	1340425	1340469	+	1	4	K.CGLDGVVCSAQEAVR.F	19
PHEAT+2965	proteomics_heat	1340470	1340499	+	1	4	R.FKQVFGQEFK.L	14
PHEAT+2966	proteomics_heat	1340554	1340649	+	1	6	R.IMTPEQALSAGVDYMVIGRPVTSVDPAQTLK.A	36
PHEAT+2967	proteomics_heat	1340650	1340673	+	1	2	K.AINASLQR.S	12
PHEAT+2968	proteomics_heat	1340703	1340744	+	3	2	R.LVYSTETGRIDEPK.A	18
PHEAT+2969	proteomics_heat	1340817	1340867	+	3	3	K.GVCLITGVLDLDDAELTK.L	21
PHEAT+2970	proteomics_heat	1342008	1342061	+	3	7	R.DVAADRDDSDIFLLLAQS.P	22
PHEAT+2971	proteomics_heat	1353886	1353912	+	1	2	L.LPAQSPLLR.Q	13
PHEAT+2972	proteomics_heat	1359198	1359233	+	3	2	R.LKGHATQTLQEK.Y	16
PHEAT+2973	proteomics_heat	1359234	1359326	+	3	3	K.YLNAIHAGGLPIALPHALAEPSLLEQLLPK.L	35
PHEAT+2974	proteomics_heat	1362739	1362792	+	1	5	R.REVASDRYTGALLDHSGG.H	22
PHEAT+2975	proteomics_heat	1363745	1363846	+	2	2	R.HPDLVAAVEQQLQQTHTAYQIVPYESYVTLAEK.I	38
PHEAT+2976	proteomics_heat	1366193	1366234	+	2	4	R.LMIQEMEDTLVEVR.S	18
PHEAT+2977	proteomics_heat	1366346	1366366	+	2	2	K.EREDLAR.A	11
PHEAT+2978	proteomics_heat	1366409	1366453	+	2	5	K.SLEHEVTLVDDTLAR.M	19
PHEAT+2979	proteomics_heat	1366565	1366603	+	2	3	R.QLDSGKLDEAMAR.F	17
PHEAT+2980	proteomics_heat	1366622	1366669	+	2	8	R.RIDQMEAEASHSFGK.Q	20
PHEAT+2981	proteomics_heat	1366676	1366744	+	2	5	K.SLDDQFAELKADDAISEQLAQLK.A	27
PHEAT+2982	proteomics_heat	1366951	1366980	+	1	2	R.LAQLADEAKR.M	14
PHEAT+2983	proteomics_heat	1366993	1367040	+	1	3	R.IQALESILDAEHPNWR.D	20
PHEAT+2984	proteomics_heat	1367794	1367850	+	1	2	R.VPEQYQQEHVQGAINIPLK.E	23
PHEAT+2985	proteomics_heat	1367794	1367859	+	1	5	R.VPEQYQQEHVQGAINIPLKEVK.E	26
PHEAT+2986	proteomics_heat	1367866	1367904	+	1	4	R.IATAVPDKNDTVK.V	17
PHEAT+2987	proteomics_heat	1367944	1368015	+	1	2	K.EILSEMGYTHVENAGGLKDIAMPK.V	28
PHEAT+2988	proteomics_heat	1367944	1367997	+	1	2	K.EILSEMGYTHVENAGGLK.D	22
PHEAT+2989	proteomics_heat	1382150	1382182	+	2	4	R.LKNELNALVNR.G	15
PHEAT+2990	proteomics_heat	1382237	1382293	+	2	4	K.TAFITAMVNQLLNHAGAR.L	23
PHEAT+2991	proteomics_heat	1382705	1382752	+	2	2	R.LADIAAAWTDYLHHCK.E	20
PHEAT+2992	proteomics_heat	1383050	1383094	+	2	3	R.LALTQLMQSFHYGQR.T	19

PHEAT+2993	proteomics_heat	1383347	1383397	+	2	2	R.LSDGAPLTVYPGEVPAR.L	21
PHEAT+2994	proteomics_heat	1383425	1383493	+	2	5	K.QGFQFEAFRPQVMDVDKPLPHIR.L	27
PHEAT+2995	proteomics_heat	1383559	1383600	+	1	2	R.IDFDGPLEVQNP.K.F	18
PHEAT+2996	proteomics_heat	1383955	1383984	+	1	2	R.DLLHSHGTGK.G	14
PHEAT+2997	proteomics_heat	1384006	1384053	+	1	2	K.LAQQAGIDQSHPALQR.W	20
PHEAT+2998	proteomics_heat	1385107	1385151	+	1	6	R.NHTAAQLINGFNFLR.W	19
PHEAT+2999	proteomics_heat	1385410	1385463	+	1	2	K.LAMLSAPLLITGDTGTGK.D	22
PHEAT+3000	proteomics_heat	1385464	1385502	+	1	2	K.DLFAYACHQASPR.A	17
PHEAT+3001	proteomics_heat	1385503	1385592	+	1	3	R.AGKPYLALNCASIPEDAVESELFHGAPEGK.K	34
PHEAT+3002	proteomics_heat	1385710	1385745	+	1	2	R.VGEDHEVHVDVR.V	16
PHEAT+3003	proteomics_heat	1385821	1385904	+	1	2	R.LNVLTLLNPLRDCPQDIMPLTELFVAR.F	32
PHEAT+3004	proteomics_heat	1385905	1385937	+	1	5	R.FADEQGVPRPK.L	15
PHEAT+3005	proteomics_heat	1386211	1386243	+	1	3	R.LGVSHTAIANK.L	15
PHEAT+3006	proteomics_heat	1391560	1391613	+	1	2	K.WADGTPVTAQDFVYSWQR.L	22
PHEAT+3007	proteomics_heat	1391701	1391751	+	1	3	K.ATPDQLGVTAVDAHTLK.I	21
PHEAT+3008	proteomics_heat	1391824	1391895	+	1	2	K.ANVESGKEWTKPGNLINGAYVLK.E	28
PHEAT+3009	proteomics_heat	1392085	1392153	+	1	3	K.DIPGQVYTPPQLGTYYYAFNTQK.G	27
PHEAT+3010	proteomics_heat	1392346	1392390	+	1	3	K.TLLSAAGYGPQKPLK.L	19
PHEAT+3011	proteomics_heat	1392391	1392429	+	1	2	K.LTLLYNTSENHQB.I	17
PHEAT+3012	proteomics_heat	1392799	1392840	+	1	2	K.GYPINNPEDVAYSRT	18
PHEAT+3013	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3014	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3015	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3016	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3017	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3018	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3019	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3020	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3021	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3022	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3023	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3024	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3025	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3026	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3027	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3028	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3029	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3030	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3031	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3032	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3033	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3034	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3035	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3036	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3037	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3038	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14

PHEAT+3039	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3040	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3041	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3042	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3043	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3044	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3045	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3046	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3047	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3048	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3049	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3050	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3051	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3052	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3053	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3054	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3055	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3056	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3057	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3058	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3059	proteomics_heat	1399439	1399516	+	2	9	T.CDAILTISAGSKPTRSARPAPKTSAR.I	30
PHEAT+3060	proteomics_heat	1401321	1401359	+	3	14	R.QRFDGENSENLLVK.I	17
PHEAT+3061	proteomics_heat	1404021	1404065	+	3	2	K.SLFLDAMEDVQPLKR.A	19
PHEAT+3062	proteomics_heat	1404117	1404197	+	3	9	R.IDTLQLDNFLTTFGLDIIPLSQPLEFR.R	31
PHEAT+3063	proteomics_heat	1404201	1404230	+	3	3	R.EGLQHGVLDK.L	14
PHEAT+3064	proteomics_heat	1404237	1404278	+	3	4	R.SGKYPQQASLNLLR.Q	18
PHEAT+3065	proteomics_heat	1461566	1461664	+	2	4	M.SKLDTFIQHAVNAVPSVSGTSLISSLYGDSLHR.G	37
PHEAT+3066	proteomics_heat	1462498	1462593	+	1	2	M.PIYQIDGLTPVVPEESFVHPTAVLIGDVILGK.G	36
PHEAT+3067	proteomics_heat	1472716	1472763	+	1	5	K.HIGLSNVTPTQVAEAR.K	20
PHEAT+3068	proteomics_heat	1472980	1473030	+	1	4	R.SPNILLIPGTSSVAHLR.E	21
PHEAT+3069	proteomics_heat	1473052	1473102	+	1	2	K.LHLSEEVLSTLDGISRE.-	21
PHEAT+3070	proteomics_heat	1481508	1481555	+	3	3	R.IAEELKTEPGGCIGYK.V	20
PHEAT+3071	proteomics_heat	1481562	1481597	+	3	2	R.FSDHVSDNTMVK.L	16
PHEAT+3072	proteomics_heat	1481598	1481642	+	3	2	K.LMTDGILLAEIQQDR.L	19
PHEAT+3073	proteomics_heat	1481667	1481756	+	3	3	I.IIDEAHERSLNIDFLLGYLKELLPRRPDLK.I	34
PHEAT+3074	proteomics_heat	1481802	1481840	+	3	5	R.HFNNAPIIEVSGR.T	17
PHEAT+3075	proteomics_heat	1482231	1482272	+	3	2	R.LPIEPISQASANQR.K	18
PHEAT+3076	proteomics_heat	1482375	1482464	+	3	2	R.TNLASVILQMTALGLGDIAAFPVEAPDKR.N	34
PHEAT+3077	proteomics_heat	1483284	1483322	+	3	2	R.KVNYSQIDPALCR.E	17
PHEAT+3078	proteomics_heat	1483338	1483370	+	3	2	R.HALVEGDWQTR.H	15
PHEAT+3079	proteomics_heat	1483878	1483919	+	3	2	R.VKPLELPLDLSLER.E	18
PHEAT+3080	proteomics_heat	1484505	1484546	+	3	2	K.VRAELNDTVVDIAK.Q	18
PHEAT+3081	proteomics_heat	1484793	1484834	+	3	2	K.VENVQQAWQQWINK.L	18
PHEAT+3082	proteomics_heat	1485436	1485534	+	1	5	R.DQQIPLLISGGIGHSTTFLYSAIAQHPHYNTIR.T	37
PHEAT+3083	proteomics_heat	1485547	1485606	+	1	2	R.AEATILADIAHQFWHIPHEK.I	24
PHEAT+3084	proteomics_heat	1485607	1485651	+	1	2	K.IWIEDQSTNCGENAR.F	19

PHEAT+3085	proteomics_heat	1485688	1485729	+	1	6	R.VHTAIVVQDPTMQR.R	18
PHEAT+3086	proteomics_heat	1485754	1485783	+	1	2	R.MTGDNPDAPR.W	14
PHEAT+3087	proteomics_heat	1485913	1485945	+	1	2	R.LRDDSDGYGPR.G	15
PHEAT+3088	proteomics_heat	1485946	1486011	+	1	3	R.GRDFIVHVDFAEVIHAWQTLK.H	26
PHEAT+3089	proteomics_heat	1486012	1486047	+	1	2	K.HDAVLIEAMESR.S	16
PHEAT+3090	proteomics_heat	1486259	1486312	+	2	5	M.SVPVQHPMYIDGQFVTWR.G	22
PHEAT+3091	proteomics_heat	1486313	1486366	+	2	4	R.GDAWIDVVNPATEAVISR.I	22
PHEAT+3092	proteomics_heat	1486367	1486396	+	2	2	R.IPDGQAEDAR.K	14
PHEAT+3093	proteomics_heat	1486367	1486399	+	2	2	R.IPDGQAEDARK.A	15
PHEAT+3094	proteomics_heat	1486397	1486420	+	2	2	R.KAIDAAER.A	12
PHEAT+3095	proteomics_heat	1486616	1486675	+	2	6	R.RYEGEIIQSDRPGENILLFK.R	24
PHEAT+3096	proteomics_heat	1486739	1486825	+	2	7	R.KMAPALLTGNTIVIKPSEFTPNNAIAFAK.I	33
PHEAT+3097	proteomics_heat	1486742	1486825	+	2	6	K.MAPALLTGNTIVIKPSEFTPNNAIAFAK.I	32
PHEAT+3098	proteomics_heat	1486853	1486879	+	2	2	R.GVFNLVLGR.G	13
PHEAT+3099	proteomics_heat	1486880	1486918	+	2	6	R.GETVGQELAGNPK.V	17
PHEAT+3100	proteomics_heat	1487021	1487068	+	2	4	K.APAIVMDDADLELAVK.A	20
PHEAT+3101	proteomics_heat	1487087	1487125	+	2	8	R.VINSGQVCNCAER.V	17
PHEAT+3102	proteomics_heat	1487168	1487215	+	2	5	R.LGEAMQAVQFGNPAER.N	20
PHEAT+3103	proteomics_heat	1487216	1487263	+	2	3	R.NDIAMGPLINAAALER.V	20
PHEAT+3104	proteomics_heat	1487339	1487377	+	2	2	K.GYYYPTLLLDVLR.Q	17
PHEAT+3105	proteomics_heat	1487573	1487614	+	2	5	R.ENFEAMQGFHAGWR.K	18
PHEAT+3106	proteomics_heat	1487645	1487692	+	2	6	K.HGLHEYLQTVVYLQS.-	20
PHEAT+3107	proteomics_heat	1490851	1490892	+	1	2	K.TPADEALDTELNQR.F	18
PHEAT+3108	proteomics_heat	1494976	1495011	+	1	3	A.ADSDIADGQTQR.F	16
PHEAT+3109	proteomics_heat	1495069	1495149	+	1	4	R.GAPRPLPDTLATMTPQAYNSIQYDAEK.S	31
PHEAT+3110	proteomics_heat	1495297	1495323	+	1	3	K.YNDAGVDTK.Q	13
PHEAT+3111	proteomics_heat	1495393	1495431	+	1	2	R.RDVVSFLGASYFR.A	17
PHEAT+3112	proteomics_heat	1495636	1495677	+	1	2	K.SQVIMDVENHLYAR.K	18
PHEAT+3113	proteomics_heat	1495747	1495788	+	1	5	R.MCDTIHPQIHSDR.L	18
PHEAT+3114	proteomics_heat	1495804	1495848	+	1	2	R.GNGEWICRPLNNPQK.L	19
PHEAT+3115	proteomics_heat	1495996	1496073	+	1	2	K.GTIGLMEIPTTGETLDNIVCFWQPEK.A	30
PHEAT+3116	proteomics_heat	1496113	1496157	+	1	2	R.LYWSAQPPVHCPLAR.V	19
PHEAT+3117	proteomics_heat	1496980	1497051	+	1	3	K.VSELELHAVAENHVKPLYQLICK.N	28
PHEAT+3118	proteomics_heat	1497361	1497402	+	1	2	K.CRVDNPQSNQVALR.N	18
PHEAT+3119	proteomics_heat	1499586	1499636	+	3	2	R.MIIRDENYFTDKYELTR.T	21
PHEAT+3120	proteomics_heat	1499637	1499666	+	3	2	R.THSEVLEAVK.V	14
PHEAT+3121	proteomics_heat	1499715	1499765	+	3	2	R.NSLYLAANGYDVAWDK.N	21
PHEAT+3122	proteomics_heat	1499802	1499834	+	3	2	K.SIENLDNLHTR.V	15
PHEAT+3123	proteomics_heat	1500081	1500116	+	3	2	R.VKYNEDVGELHR.T	16
PHEAT+3124	proteomics_heat	1500087	1500116	+	3	3	K.YNEDVGELHR.T	14
PHEAT+3125	proteomics_heat	1500607	1500642	+	1	5	K.ETTSATGKPVLR.W	16
PHEAT+3126	proteomics_heat	1500673	1500744	+	1	2	K.YDSIVWNPITYYPVKPSTQVGQK.V	28
PHEAT+3127	proteomics_heat	1500673	1500720	+	1	2	K.YDSIVWNPITYYPVK.P	20
PHEAT+3128	proteomics_heat	1500805	1500834	+	1	2	R.KPLVTTAGPR.S	14
PHEAT+3129	proteomics_heat	1500850	1500879	+	1	3	R.GAITGVDTSK.E	14
PHEAT+3130	proteomics_heat	1500850	1500954	+	1	3	R.GAITGVDTSK EGLQFYEVVPVALVVAGTQMATGHR.T	39

PHEAT+3131	proteomics_heat	1500880	1500954	+	1	14	K.EGLQFYEVVPVALVVAGTQMATGHR.T	29
PHEAT+3132	proteomics_heat	1500970	1501023	+	1	3	R.LYFEGELIDAATNKPVIK.V	22
PHEAT+3133	proteomics_heat	1501048	1501092	+	1	3	K.DLNNESTPMAFENIK.Q	19
PHEAT+3134	proteomics_heat	1501093	1501146	+	1	3	K.QVIDDMATDATMFDVNKK.-	22
PHEAT+3135	proteomics_heat	1505360	1505395	+	2	2	R.SANRGDCSQACR.L	16
PHEAT+3136	proteomics_heat	1505717	1505749	+	2	2	R.KGDIGAFDSPK.F	15
PHEAT+3137	proteomics_heat	1505981	1506016	+	2	3	R.NLDHNWQQALTK.T	16
PHEAT+3138	proteomics_heat	1506221	1506283	+	2	2	R.DVQINLPGALFVPNSLLNQFR.R	25
PHEAT+3139	proteomics_heat	1506344	1506418	+	2	4	R.KPVADPAPVYPQTHLSFLANVYNQK.A	29
PHEAT+3140	proteomics_heat	1506629	1506667	+	2	2	K.FDCRPEMHVIGK.I	17
PHEAT+3141	proteomics_heat	1515675	1515701	+	3	4	M.SHLDEVIAR.V	13
PHEAT+3142	proteomics_heat	1515702	1515794	+	3	11	R.VDAAIEESVIAHMNELLIALSDDAELSREDR.Y	35
PHEAT+3143	proteomics_heat	1515702	1515785	+	3	14	R.VDAAIEESVIAHMNELLIALSDDAELSR.E	32
PHEAT+3144	proteomics_heat	1517396	1517494	+	2	2	K.LGDHPQNPWSLGLVGMFGFTAYMGLLDIGQPK.E	37
PHEAT+3145	proteomics_heat	1517495	1517563	+	2	2	K.EGETLVVAAATGPVGATVGQIGK.L	27
PHEAT+3146	proteomics_heat	1517579	1517608	+	2	2	R.VGVVAGGAEK.C	14
PHEAT+3147	proteomics_heat	1517885	1517923	+	2	2	R.LQGFIIAQDYGHR.I	17
PHEAT+3148	proteomics_heat	1517972	1518040	+	2	2	K.IHYREEITDGLENAPQTFIGLLK.G	27
PHEAT+3149	proteomics_heat	1518349	1518387	+	1	2	K.HQLSIGALKPGAR.L	17
PHEAT+3150	proteomics_heat	1521454	1521519	+	1	5	K.GAYEMAYSQQENALWLATSQSR.K	26
PHEAT+3151	proteomics_heat	1521550	1521687	+	1	4	R.LDPVTLEVTQAIHNDLKPFGATINNTTQTLWFGNTVNSAVTAIDAK.T	50
PHEAT+3152	proteomics_heat	1521730	1521762	+	1	2	K.RTEEVRPLQPR.E	15
PHEAT+3153	proteomics_heat	1521763	1521816	+	1	13	R.ELVADDATNTVYISGIGK.E	22
PHEAT+3154	proteomics_heat	1521886	1521924	+	1	5	K.MSTGLALDSEGKR.L	17
PHEAT+3155	proteomics_heat	1521925	1521981	+	1	8	R.LYTTNADGELITIDTADNK.I	23
PHEAT+3156	proteomics_heat	1522000	1522056	+	1	3	K.LLDDGKEHFFINISLDTAR.Q	23
PHEAT+3157	proteomics_heat	1522063	1522083	+	1	3	R.AFITDSK.A	11
PHEAT+3158	proteomics_heat	1522084	1522113	+	1	3	K.AAEVLVVDTR.N	14
PHEAT+3159	proteomics_heat	1522135	1522179	+	1	6	K.VAAPESLAVLFNPAR.N	19
PHEAT+3160	proteomics_heat	1522180	1522203	+	1	7	R.NEAYVTHR.Q	12
PHEAT+3161	proteomics_heat	1522255	1522308	+	1	9	K.TFDTPHPNSLALSADGK.T	22
PHEAT+3162	proteomics_heat	1522345	1522380	+	1	4	K.QQEATQPDDVIR.I	16
PHEAT+3163	proteomics_heat	1525021	1525095	+	1	15	I.SSEKKLTIHIVQMFQLLSQAFYNLK.M	29
PHEAT+3164	proteomics_heat	1531079	1531096	+	2	2	M.PHIDIK.C	10
PHEAT+3165	proteomics_heat	1554667	1554699	+	1	2	K.GQAHWEGDIKR.G	15
PHEAT+3166	proteomics_heat	1554667	1554696	+	1	2	K.GQAHWEGDIK.R	14
PHEAT+3167	proteomics_heat	1554700	1554765	+	1	8	R.GKGTVSTESGVLNQQPYGFNTR.F	26
PHEAT+3168	proteomics_heat	1554706	1554765	+	1	3	K.GTVSTESGVLNQQPYGFNTR.F	24
PHEAT+3169	proteomics_heat	1554952	1555008	+	1	4	K.SEVAVPGIDASTFDGIIQK.A	23
PHEAT+3170	proteomics_heat	1577059	1577106	+	1	2	R.QRIVSSLINHVLFITDI.N	20
PHEAT+3171	proteomics_heat	1605418	1605447	+	1	2	R.SRPAVELLAR.V	14
PHEAT+3172	proteomics_heat	1605448	1605525	+	1	4	R.VPLENVEYVADLGCSPGNSTALLQQR.W	30
PHEAT+3173	proteomics_heat	1625649	1625708	+	3	30	R.LQELKDELGDNLVIAQLDVR.N	24
PHEAT+3174	proteomics_heat	1625664	1625708	+	3	2	K.DELGDNLVIAQLDVR.N	19
PHEAT+3175	proteomics_heat	1625820	1625864	+	3	7	K.ASVEDWETMIDTNNK.G	19
PHEAT+3176	proteomics_heat	1625913	1625993	+	3	11	R.NHGHIIINIGSTAGSWPYAGGNVYGATK.A	31

PHEAT+3177	proteomics_heat	1626027	1626053	+	3	6	R.TDLHGTA VR.V	13
PHEAT+3178	proteomics_heat	1626054	1626107	+	3	6	R.VTDIEPGLVGGTEFSNVR.F	22
PHEAT+3179	proteomics_heat	1626445	1626492	+	1	2	R.DIVHCLIA PGTPLESEK.E	20
PHEAT+3180	proteomics_heat	1626979	1627020	+	1	2	R.AMTQHLQEISESVR.Q	18
PHEAT+3181	proteomics_heat	1627287	1627319	+	3	9	R.VMVS GTGHTGK.I	15
PHEAT+3182	proteomics_heat	1627368	1627403	+	3	2	R.GKT VVVEGCEEK.L	16
PHEAT+3183	proteomics_heat	1639945	1639998	+	1	2	T.PSDGRIDVQLHVSALNLR.D	22
PHEAT+3184	proteomics_heat	1646222	1646293	+	2	2	K.ELELLELFNALPESEQDTQLAEMR.A	28
PHEAT+3185	proteomics_heat	1653540	1653617	+	3	2	A.GCNVNNQ TNSASEIPAGS NSQILAFR.F	30
PHEAT+3186	proteomics_heat	1654033	1654077	+	1	4	R.TEKEWDKADAAFDNR.D	19
PHEAT+3187	proteomics_heat	1654262	1654300	+	2	7	R.YVHQLDNNASVMR.Y	17
PHEAT+3188	proteomics_heat	1654301	1654357	+	2	3	R.YWFEEPYEAFVELSDLYDK.H	23
PHEAT+3189	proteomics_heat	1654412	1654453	+	2	7	K.AGLVELVEINHVR.R	18
PHEAT+3190	proteomics_heat	1654454	1654498	+	2	9	R.RAEFQIIISPEYQ GK.G	19
PHEAT+3191	proteomics_heat	1654523	1654564	+	2	2	K.LAMDYGFTVLNLYK.L	18
PHEAT+3192	proteomics_heat	1654565	1654597	+	2	2	K.LYLIVDKENEK.A	15
PHEAT+3193	proteomics_heat	1654730	1654765	+	2	2	K.TPGQTLLKPTAQ.-	16
PHEAT+3194	proteomics_heat	1655673	1655696	+	3	3	R.IQSDISQR.I	12
PHEAT+3195	proteomics_heat	1662533	1662574	+	2	3	M.THFSQQDNFNSVAAR.V	18
PHEAT+3196	proteomics_heat	1669463	1669507	+	2	2	A.AETTTTPAPTATTTK.A	19
PHEAT+3197	proteomics_heat	1676517	1676567	+	3	9	A.ATELTPEQAAAVKPFDR.V	21
PHEAT+3198	proteomics_heat	1676586	1676612	+	3	2	R.FNAIGEAVK.A	13
PHEAT+3199	proteomics_heat	1676625	1676699	+	3	7	R.RADKEGAASFYVVDTSDFGNSGNWR.V	29
PHEAT+3200	proteomics_heat	1676700	1676756	+	3	2	R.VVADLYKADAEKAEETS NR.V	23
PHEAT+3201	proteomics_heat	1676757	1676843	+	3	15	R.VINGVVLPKDQAVLIEPFDTVTVQGFYR.S	33
PHEAT+3202	proteomics_heat	1676787	1676843	+	3	3	K.DQAVLIEPFDTVTVQGFYR.S	23
PHEAT+3203	proteomics_heat	1676952	1676975	+	3	2	R.ITAFIYKK.D	12
PHEAT+3204	proteomics_heat	1676988	1677038	+	3	2	K.RIVQSPDVIPADSEAGR.A	21
PHEAT+3205	proteomics_heat	1676991	1677038	+	3	10	R.IVQSPDVIPADSEAGR.A	20
PHEAT+3206	proteomics_heat	1677039	1677071	+	3	4	R.AALAAGGEAAK.K	15
PHEAT+3207	proteomics_heat	1677039	1677074	+	3	4	R.AALAAGGEAAKK.V	16
PHEAT+3208	proteomics_heat	1677072	1677128	+	3	13	K.KVEIPGVATTASPSSEVGR.F	23
PHEAT+3209	proteomics_heat	1677129	1677152	+	3	4	R.FFETQSSK.G	12
PHEAT+3210	proteomics_heat	1677162	1677209	+	3	6	R.YTVTLPDG TKVEELNK.A	20
PHEAT+3211	proteomics_heat	1677210	1677248	+	3	3	K.ATAAM MVPFDSIK.F	17
PHEAT+3212	proteomics_heat	1677249	1677299	+	3	11	K.FSGNYGNMTEVS YQVAK.R	21
PHEAT+3213	proteomics_heat	1677357	1677392	+	3	4	R.GNNLTVSADLYK.-	16
PHEAT+3214	proteomics_heat	1680252	1680281	+	3	2	K.HDMQVTVEPR.G	14
PHEAT+3215	proteomics_heat	1680594	1680635	+	3	2	K.ALHFGTLTIDPINR.V	18
PHEAT+3216	proteomics_heat	1682562	1682639	+	3	3	R.LPGVLCYQVDNLSQAALVSHIQHINK.L	30
PHEAT+3217	proteomics_heat	1686609	1686647	+	3	2	K.LINSVQNYAWGSK.T	17
PHEAT+3218	proteomics_heat	1686648	1686728	+	3	4	K.TALTELYGMENPSSQPM AELWMAHPK.S	31
PHEAT+3219	proteomics_heat	1686741	1686776	+	3	2	R.VQNAAGDIVSLR.D	16
PHEAT+3220	proteomics_heat	1686777	1686827	+	3	2	R.DVIESDKSTLLGEAVAK.R	21
PHEAT+3221	proteomics_heat	1686831	1686857	+	3	2	R.FGELPFLFK.V	13
PHEAT+3222	proteomics_heat	1686858	1686932	+	3	3	K.VLCAAQPLSIQVHPNKHNS EIGFAK.E	29

PHEAT+3223	proteomics_heat	1686858	1686905	+	3	3	K.VLCAAQPLSIQVHPNK.H	20
PHEAT+3224	proteomics_heat	1686972	1687046	+	3	2	R.NYKDPNHKPELVFALTPFLAMNAFR.E	29
PHEAT+3225	proteomics_heat	1686972	1687025	+	3	2	R.NYKDPNHKPELVFALTPF.L	22
PHEAT+3226	proteomics_heat	1687047	1687136	+	3	2	R.EFSEIVSLLQPVAGAHPAIAHFLQQPDAER.L	34
PHEAT+3227	proteomics_heat	1687137	1687184	+	3	2	R.LSELFASLLNMQGEEK.S	20
PHEAT+3228	proteomics_heat	1687254	1687319	+	3	6	R.LISEFYPEDSGLFSPLLLNVVK.L	26
PHEAT+3229	proteomics_heat	1687320	1687421	+	3	15	K.LNPGEAMFLFAETPHAYLQGVALEVMANSNDVLR.A	38
PHEAT+3230	proteomics_heat	1687440	1687475	+	3	2	K.YIDIPELVANVK.F	16
PHEAT+3231	proteomics_heat	1687476	1687520	+	3	5	K.FEAKPANQLLTQPVK.Q	19
PHEAT+3232	proteomics_heat	1687521	1687592	+	3	2	K.QGAELDFPIPVDDFAFSLHDLSDK.E	28
PHEAT+3233	proteomics_heat	1687662	1687736	+	3	5	K.GSQQLQLKPGESAFIAANESPVTVK.G	29
PHEAT+3234	proteomics_heat	1687957	1688010	+	1	7	K.KIETHLEDMVAQANAQLK.L	22
PHEAT+3235	proteomics_heat	1687960	1688010	+	1	2	K.IETHLEDMVAQANAQLK.L	21
PHEAT+3236	proteomics_heat	1688011	1688061	+	1	3	K.LTAPESNLEVSQNYHR.G	21
PHEAT+3237	proteomics_heat	1688062	1688112	+	1	5	R.GVFSSQLQLLVKPIAGK.E	21
PHEAT+3238	proteomics_heat	1688197	1688283	+	1	12	K.KLNLIPSMASIQTTLVNNEVSKPLFDMAK.G	33
PHEAT+3239	proteomics_heat	1688314	1688385	+	1	4	R.IGYSGDSSSDISLKPLNQEYKDEK.V	28
PHEAT+3240	proteomics_heat	1688314	1688376	+	1	3	R.IGYSGDSSSDISLKPLNQEYK.D	25
PHEAT+3241	proteomics_heat	1688386	1688436	+	1	4	K.VAFSGGGEFQLNADRDGK.A	21
PHEAT+3242	proteomics_heat	1688437	1688472	+	1	2	K.AISLSGAEQSGR.I	16
PHEAT+3243	proteomics_heat	1688473	1688502	+	1	3	R.IDAVNEYNQK.V	14
PHEAT+3244	proteomics_heat	1688503	1688529	+	1	4	K.VQLTFNNLK.T	13
PHEAT+3245	proteomics_heat	1688530	1688568	+	1	3	K.TDGSSTLASFGER.V	17
PHEAT+3246	proteomics_heat	1688686	1688727	+	1	3	K.TINSQLDYSLSLTK.V	18
PHEAT+3247	proteomics_heat	1688887	1688928	+	1	5	K.VTEAFFSALPLMLK.G	18
PHEAT+3248	proteomics_heat	1689091	1689141	+	1	2	K.LTIPVDMATEFMTQVAK.L	21
PHEAT+3249	proteomics_heat	1689184	1689225	+	1	2	K.QQVEGASAMGQMFR.L	18
PHEAT+3250	proteomics_heat	1689226	1689303	+	1	2	R.LTTLQDNTITTSLQYANGQITLNGQK.M	30
PHEAT+3251	proteomics_heat	1698666	1698695	+	3	2	R.DSEVASSIEK.A	14
PHEAT+3252	proteomics_heat	1699011	1699052	+	3	2	R.HGTWCTQWDYVADR.F	18
PHEAT+3253	proteomics_heat	1699053	1699139	+	3	5	R.FGTADLLPFTISDMDFATAPCIIIEALNQR.L	33
PHEAT+3254	proteomics_heat	1699680	1699739	+	3	5	K.SFNIPALTGAYGIIENSSSR.D	24
PHEAT+3255	proteomics_heat	1700344	1700442	+	1	3	R.QYNISLPAQSLETTLIPHVQVIANEPDLVSFLT.K.L	37
PHEAT+3256	proteomics_heat	1700551	1700628	+	1	7	R.FSPGYMAMAHQLPVAGVVEAVIDGVR.E	30
PHEAT+3257	proteomics_heat	1700737	1700814	+	1	8	R.DQITALDLAGDELGFPGSLFLSHFNR.A	30
PHEAT+3258	proteomics_heat	1701073	1701162	+	1	2	R.ASINTDDPGVQGVDDIIHEYTVAAAPAAGLSR.E	34
PHEAT+3259	proteomics_heat	1705357	1705413	+	1	4	R.IHQFGVAGLGGAGFPTGVK.L	23
PHEAT+3260	proteomics_heat	1706557	1706607	+	1	3	K.QAELQQTNDAAATVADPR.K	21
PHEAT+3261	proteomics_heat	1706704	1706733	+	1	3	R.KAAVEAAIAR.A	14
PHEAT+3262	proteomics_heat	1706746	1706799	+	1	3	R.KLEQQQANAPEEQVDPR.K	22
PHEAT+3263	proteomics_heat	1706944	1706991	+	1	3	R.EQQPANAPEEQVDPR.K	20
PHEAT+3264	proteomics_heat	1707034	1707087	+	1	3	R.KLEQQQANAVPEEQVDPR.K	22
PHEAT+3265	proteomics_heat	1707178	1707210	+	1	2	R.IASSPYTHNQR.Q	15
PHEAT+3266	proteomics_heat	1708390	1708458	+	1	3	R.YNNALAQSCYLVTAPELGKGEHR.V	27
PHEAT+3267	proteomics_heat	1709829	1709870	+	3	2	R.ILLEQHNGEVPEDR.A	18
PHEAT+3268	proteomics_heat	1712407	1712457	+	1	2	K.LFYKPGACSLASHITLR.E	21



PHEAT+3269	proteomics_heat	1712458	1712502	+	1	2	R.ESGKDFTLVSVLDMK.K	19
PHEAT+3270	proteomics_heat	1712503	1712547	+	1	2	K.KRENGDDYFAVNP.K	19
PHEAT+3271	proteomics_heat	1712506	1712547	+	1	6	K.RLENGDDYFAVNP.K	18
PHEAT+3272	proteomics_heat	1712509	1712547	+	1	3	R.LENGDDYFAVNP.K	17
PHEAT+3273	proteomics_heat	1712548	1712640	+	1	54	K.GQVPALLLDDGTLTEGVAIMQYLADSVPR.Q	35
PHEAT+3274	proteomics_heat	1712641	1712673	+	1	2	R.QLLAPVNSISR.Y	15
PHEAT+3275	proteomics_heat	1712680	1712721	+	1	13	K.TIEWLNYIATELHK.G	18
PHEAT+3276	proteomics_heat	1712722	1712778	+	1	4	K.GFTPLFRPDTPEEYKPTVR.A	23
PHEAT+3277	proteomics_heat	1712737	1712778	+	1	6	L.FRPDTPEEYKPTVR.A	18
PHEAT+3278	proteomics_heat	1712797	1712850	+	1	6	K.LQYVNEALKDEHWICGQR.F	22
PHEAT+3279	proteomics_heat	1712908	1712952	+	1	9	K.LNLEGLEHIAAFMQR.M	19
PHEAT+3280	proteomics_heat	1712953	1713003	+	1	7	R.MAERPEVQDALSAEGLK.-	21
PHEAT+3281	proteomics_heat	1718152	1718223	+	1	10	R.SLATAAGAVAGGVAGQGVQSAMNK.T	28
PHEAT+3282	proteomics_heat	1718224	1718250	+	1	3	K.TQGVELEIR.K	13
PHEAT+3283	proteomics_heat	1718251	1718286	+	1	9	R.KDDGNTIMVVQK.Q	16
PHEAT+3284	proteomics_heat	1718254	1718286	+	1	6	K.DDGNTIMVVQK.Q	15
PHEAT+3285	proteomics_heat	1718320	1718364	+	1	14	R.VVLASNGSQVTVSPR.-	19
PHEAT+3286	proteomics_heat	1724773	1724823	+	1	2	R.SIEPGDIPTPLMAEYR.Q	21
PHEAT+3287	proteomics_heat	1725004	1725075	+	1	4	R.ISHASLQPGGQAPVAPSALSAGTR.T	28
PHEAT+3288	proteomics_heat	1725283	1725315	+	1	2	R.TDQYGGSVENR.A	15
PHEAT+3289	proteomics_heat	1725385	1725474	+	1	2	R.VSPIGTQNTDNGPNEEADALYLIEQLGKR.G	34
PHEAT+3290	proteomics_heat	1725562	1725606	+	1	2	R.FHGPIIGAGAYTVEK.A	19
PHEAT+3291	proteomics_heat	1726125	1726154	+	3	2	K.IRQNGGNVTR.E	14
PHEAT+3292	proteomics_heat	1726713	1726775	+	3	2	R.AIMVAHNANFDHFSFMMAAER.A	25
PHEAT+3293	proteomics_heat	1726791	1726868	+	3	2	R.NPFHPFATFDTAALAGLALGQTVLSK.A	30
PHEAT+3294	proteomics_heat	1731145	1731243	+	1	3	K.YARPLRHHQSSGGDSRKYPWRVRSIDANALSKYG.R	37
PHEAT+3295	proteomics_heat	1733405	1733437	+	2	9	M.SFELPALPYAK.D	15
PHEAT+3296	proteomics_heat	1733438	1733491	+	2	22	K.DALAPHISAETIEYHYGK.H	22
PHEAT+3297	proteomics_heat	1733456	1733491	+	2	2	H.ISAETIEYHYGK.H	16
PHEAT+3298	proteomics_heat	1733576	1733677	+	2	5	R.SSEGGVFNNAQVWNHTFYWNCLAPNAGGEPTGK.V	38
PHEAT+3299	proteomics_heat	1733576	1733638	+	2	2	R.SSEGGVFNNAQVWNHTFYWN.C	25
PHEAT+3300	proteomics_heat	1733577	1733651	+	3	5	A.ALKVAYSTTQLRSGTILSTGTAWHR.T	29
PHEAT+3301	proteomics_heat	1733600	1733677	+	2	2	N.NAAQVWNHTFYWNCLAPNAGGEPTGK.V	30
PHEAT+3302	proteomics_heat	1733621	1733677	+	2	2	N.HTFYWNCLAPNAGGEPTGK.V	23
PHEAT+3303	proteomics_heat	1733678	1733725	+	2	38	K.VAEAIAASFGSFADFK.A	20
PHEAT+3304	proteomics_heat	1733726	1733752	+	2	2	K.AQFTDAAIK.N	13
PHEAT+3305	proteomics_heat	1733753	1733785	+	2	4	K.NFGSGWTWLVK.N	15
PHEAT+3306	proteomics_heat	1733801	1733905	+	2	3	K.LAIVSTSNAGTPLTTDATPLLTVDVWEHAYYIDYR.N	39
PHEAT+3307	proteomics_heat	1733801	1733890	+	2	2	K.LAIVSTSNAGTPLTTDATPLLTVDVWEHAY.Y	34
PHEAT+3308	proteomics_heat	1735827	1735850	+	3	12	C.DFAGAEVR.V	12
PHEAT+3309	proteomics_heat	1735895	1735939	+	2	2	K.RANVSTTTVSHVINK.T	19
PHEAT+3310	proteomics_heat	1735898	1735939	+	2	4	R.ANVSTTTVSHVINK.T	18
PHEAT+3311	proteomics_heat	1735991	1736023	+	2	4	K.ELHYSPSAVAR.S	15
PHEAT+3312	proteomics_heat	1736048	1736116	+	2	28	K.SIGLLATSEAAAYFAEIIIEAVEK.N	27
PHEAT+3313	proteomics_heat	1736132	1736176	+	2	7	K.GYTLILGNAWNLEK.Q	19
PHEAT+3314	proteomics_heat	1736183	1736209	+	2	3	R.AYLSMMAQK.R	13

PHEAT+3315	proteomics_heat	1736210	1736281	+	2	11	K.RVDGLLMCSEYPELLAMLEEYR.H	28
PHEAT+3316	proteomics_heat	1736213	1736281	+	2	3	R.VDGLLMCSEYPELLAMLEEYR.H	27
PHEAT+3317	proteomics_heat	1736282	1736320	+	2	2	R.HIPMVMDWGEAK.A	17
PHEAT+3318	proteomics_heat	1736321	1736380	+	2	4	K.ADFTDAVIDNAFEGGYMAGR.Y	24
PHEAT+3319	proteomics_heat	1736405	1736437	+	2	2	R.EIGVIPGLER.N	15
PHEAT+3320	proteomics_heat	1736474	1736497	+	2	2	K.AMEEAMIK.V	12
PHEAT+3321	proteomics_heat	1736498	1736551	+	2	6	K.VPESWIVQGDPEPESGYR.A	22
PHEAT+3322	proteomics_heat	1736660	1736701	+	2	3	R.VPQDVSLIGYDNVR.N	18
PHEAT+3323	proteomics_heat	1736711	1736749	+	2	6	R.YFTPALTTIHQPK.D	17
PHEAT+3324	proteomics_heat	1736750	1736791	+	2	5	K.DSLGETAFNMMLDR.I	18
PHEAT+3325	proteomics_heat	1736807	1736839	+	2	2	R.EEPQSIEVHPR.L	15
PHEAT+3326	proteomics_heat	1739866	1739901	+	1	6	K.DADNLESAQQAK.L	16
PHEAT+3327	proteomics_heat	1740250	1740285	+	1	2	K.KTDLNVDPWINK.Y	16
PHEAT+3328	proteomics_heat	1741877	1741924	+	2	2	R.ALLWGAPGYLFFQVAR.N	20
PHEAT+3329	proteomics_heat	1744841	1744903	+	2	4	K.VWTESEKNHEAGGIYLFTEK.S	25
PHEAT+3330	proteomics_heat	1744862	1744903	+	2	4	K.NHEAGGIYLFTEK.S	18
PHEAT+3331	proteomics_heat	1744904	1744927	+	2	5	K.SALAYLEK.H	12
PHEAT+3332	proteomics_heat	1744940	1744975	+	2	6	R.LKNLGVVEEVAK.V	16
PHEAT+3333	proteomics_heat	1744976	1745020	+	2	3	K.VFDVNEPLSQINQAK.L	19
PHEAT+3334	proteomics_heat	1746547	1746609	+	1	3	K.TGDEIPDVGEDYTLQQPEDIR.G	25
PHEAT+3335	proteomics_heat	1746616	1746708	+	1	2	R.VAFGALPWLMDQPFVQGLTACAEIGEAMAR.A	35
PHEAT+3336	proteomics_heat	1747656	1747706	+	3	3	K.IKMTEDKKEAYKCQSKM.C	21
PHEAT+3337	proteomics_heat	1753788	1753817	+	3	5	K.MLDAGMNVMR.L	14
PHEAT+3338	proteomics_heat	1753818	1753859	+	3	8	R.LNFSHGDYAEHGQR.I	18
PHEAT+3339	proteomics_heat	1753899	1753940	+	3	11	K.TAAILLDTKGPEIR.T	18
PHEAT+3340	proteomics_heat	1753899	1753925	+	3	4	K.TAAILLDTK.G	13
PHEAT+3341	proteomics_heat	1753941	1753979	+	3	3	R.TMKLEGGNDVSLK.A	17
PHEAT+3342	proteomics_heat	1753950	1753979	+	3	3	K.LEGGNDVSLK.A	14
PHEAT+3343	proteomics_heat	1753980	1754012	+	3	8	K.AGQTFFTTDTK.S	15
PHEAT+3344	proteomics_heat	1754157	1754189	+	3	8	K.VLNNGDLGENK.G	15
PHEAT+3345	proteomics_heat	1754157	1754240	+	3	3	K.VLNNGDLGENKGVNLPGVSIAPALAEK.D	32
PHEAT+3346	proteomics_heat	1754190	1754240	+	3	9	K.GVNLPGVSIAPALAEK.D	21
PHEAT+3347	proteomics_heat	1754241	1754306	+	3	17	K.DKQDLIFGCEQGVDFVAASFIR.K	26
PHEAT+3348	proteomics_heat	1754310	1754333	+	3	5	K.RSDVIEIR.E	12
PHEAT+3349	proteomics_heat	1754346	1754381	+	3	3	K.AHGGENIHIISK.I	16
PHEAT+3350	proteomics_heat	1754382	1754453	+	3	28	K.IENQEGLNNFDEILEASDGIMVAR.G	28
PHEAT+3351	proteomics_heat	1754454	1754504	+	3	18	R.GDLGVEIPVEEVIFAQK.M	21
PHEAT+3352	proteomics_heat	1754535	1754579	+	3	35	R.KVVITATQMLDSMIK.N	19
PHEAT+3353	proteomics_heat	1754535	1754588	+	3	2	R.KVVITATQMLDSMIKNPR.P	22
PHEAT+3354	proteomics_heat	1754598	1754672	+	3	9	R.AEAGDVANAILDGTDVMLSGESAK.G	29
PHEAT+3355	proteomics_heat	1754643	1754723	+	3	2	D.AVMLSGESAKGKYPLEAVSIMATICER.T	31
PHEAT+3356	proteomics_heat	1754673	1754723	+	3	99	K.GKYPLEAVSIMATICER.T	21
PHEAT+3357	proteomics_heat	1754802	1754867	+	3	25	R.GAVETAEKLDAPLIVVATQGGK.S	26
PHEAT+3358	proteomics_heat	1754826	1754867	+	3	6	K.LDAPLIVVATQGGK.S	18
PHEAT+3359	proteomics_heat	1754886	1754933	+	3	30	R.KYFPDATILALTTNEK.T	20
PHEAT+3360	proteomics_heat	1754889	1754933	+	3	8	K.YFPDATILALTTNEK.T	19

PHEAT+3361	proteomics_heat	1754934	1754960	+	3	9	K.TAHQLVLSK.G	13
PHEAT+3362	proteomics_heat	1754985	1755014	+	3	2	K.EITSTDDFYR.L	14
PHEAT+3363	proteomics_heat	1755024	1755056	+	3	7	K.ELALQSGLAHK.G	15
PHEAT+3364	proteomics_heat	1755057	1755131	+	3	5	K.GDVVVMVSGALVPSGTTNTASVHVL.-	29
PHEAT+3365	proteomics_heat	1755523	1755564	+	1	18	K.IDQLSSDVQTLNAK.V	18
PHEAT+3366	proteomics_heat	1755565	1755600	+	1	19	K.VDQLSNDVNAMR.S	16
PHEAT+3367	proteomics_heat	1755601	1755636	+	1	8	R.SDVQAAKDDAAR.A	16
PHEAT+3368	proteomics_heat	1755601	1755633	+	1	2	R.SDVQAAKDDAA.R	15
PHEAT+3369	proteomics_heat	1755637	1755669	+	1	2	R.ANQRLDNMATK.Y	15
PHEAT+3370	proteomics_heat	1755649	1755669	+	1	2	R.LDNMATK.Y	11
PHEAT+3371	proteomics_heat	1772731	1772760	+	1	3	K.DLVIGTGAPK.I	14
PHEAT+3372	proteomics_heat	1772854	1772907	+	1	4	R.VDHYADLSNVESVMAAAK.I	22
PHEAT+3373	proteomics_heat	1773121	1773180	+	1	2	K.VVMSNHDFHKTPEAEIIAR.L	24
PHEAT+3374	proteomics_heat	1773187	1773219	+	1	2	R.KMQSFDADIPK.I	15
PHEAT+3375	proteomics_heat	1773397	1773438	+	1	2	K.KASAPGQISVNDLR.T	18
PHEAT+3376	proteomics_heat	1773439	1773465	+	1	2	R.TVLTILHQA.-	13
PHEAT+3377	proteomics_heat	1785811	1785843	+	1	3	R.THGLNPNLNK.Y	15
PHEAT+3378	proteomics_heat	1785856	1785906	+	1	2	R.IAAIDYTLAHDGSLR.N	21
PHEAT+3379	proteomics_heat	1786000	1786077	+	1	3	R.AANYPFIADDMDNLVLPASLKPLQHK.L	30
PHEAT+3380	proteomics_heat	1786531	1786575	+	1	6	R.YPVTGPVATHVTDNR.R	19
PHEAT+3381	proteomics_heat	1786615	1786680	+	1	2	R.LLVIIIGPCSIHDLTAAMEYATR.L	26
PHEAT+3382	proteomics_heat	1786810	1786836	+	1	6	R.VNHGLELR.K	13
PHEAT+3383	proteomics_heat	1787068	1787097	+	1	2	R.ASHMFLSPDK.N	14
PHEAT+3384	proteomics_heat	1787098	1787157	+	1	3	K.NGQMTIYQTSNGPYGHIIMR.G	24
PHEAT+3385	proteomics_heat	1787287	1787325	+	1	2	R.QLEVCEICQQR.N	17
PHEAT+3386	proteomics_heat	1787326	1787373	+	1	2	R.NGSTAIAGIMAESFLR.E	20
PHEAT+3387	proteomics_heat	1787389	1787463	+	1	5	K.IVGSQPLTYGQSITDPCLGWEDTER.L	29
PHEAT+3388	proteomics_heat	1804403	1804474	+	2	6	R.IYTLTLAPSLDSATITPQIYPEGK.L	28
PHEAT+3389	proteomics_heat	1804532	1804651	+	2	3	R.AIAHLGGSATAIFPAGGATGEHLVSLADENVPVATVEAK.D	44
PHEAT+3390	proteomics_heat	1804664	1804708	+	2	3	R.QNLHVHVEASGEQYR.F	19
PHEAT+3391	proteomics_heat	1805012	1805044	+	2	4	R.KAAQEIVNSGK.A	15
PHEAT+3392	proteomics_heat	1805015	1805044	+	2	2	K.AAQEIVNSGK.A	14
PHEAT+3393	proteomics_heat	1805051	1805134	+	2	2	K.RVVVSLGPQGALGVDSENCIQVPPPVK.S	32
PHEAT+3394	proteomics_heat	1805054	1805134	+	2	3	R.VVVSLGPQGALGVDSENCIQVPPPVK.S	31
PHEAT+3395	proteomics_heat	1805225	1805272	+	2	2	R.FGVAAGSAATLNQGTR.L	20
PHEAT+3396	proteomics_heat	1805967	1806020	+	3	4	R.ELLPGFTAADQLELLSR.S	22
PHEAT+3397	proteomics_heat	1806306	1806356	+	3	2	K.GIAFGNIDAIVEHIQQR.L	21
PHEAT+3398	proteomics_heat	1806474	1806575	+	3	2	R.ECDLAMLPLHTEQPPQIYDGYQSVSPLPADFLER.Q	38
PHEAT+3399	proteomics_heat	1807530	1807562	+	3	3	R.RNELPDTLGLR.I	15
PHEAT+3400	proteomics_heat	1807650	1807697	+	3	4	R.AISLVEETRPLLPQVGR.E	20
PHEAT+3401	proteomics_heat	1807719	1807775	+	3	4	K.EQGLLVGLASASPLHMLEK.V	23
PHEAT+3402	proteomics_heat	1807800	1807832	+	3	5	R.DSFDALASAEL.L	15
PHEAT+3403	proteomics_heat	1807884	1807949	+	3	4	K.LGVDPLTCAVEDSVNGMIASK.A	26
PHEAT+3404	proteomics_heat	1809396	1809428	+	3	4	R.LNAIESNYVGK.V	15
PHEAT+3405	proteomics_heat	1809402	1809428	+	3	2	N.AIESNYVGK.V	13
PHEAT+3406	proteomics_heat	1809429	1809476	+	3	24	K.VSDLSVPQLVLSFIPK.N	20

PHEAT+3407	proteomics_heat	1809567	1809590	+	3	3	K.LLKDDAPK.G	12
PHEAT+3408	proteomics_heat	1809567	1809599	+	3	6	K.LLKDDAPKGER.V	15
PHEAT+3409	proteomics_heat	1809840	1809878	+	3	11	R.KVWPVLTFAFTSR.S	17
PHEAT+3410	proteomics_heat	1809876	1809923	+	3	2	S.RSSAASIPLNVEAQTR.R	20
PHEAT+3411	proteomics_heat	1809879	1809923	+	3	3	R.SSAASIPLNVEAQTR.R	19
PHEAT+3412	proteomics_heat	1810233	1810292	+	3	17	R.TALNVSGSMTAGTLTSQWLK.Q	24
PHEAT+3413	proteomics_heat	1810305	1810346	+	3	5	K.AILDSEDDAELAHH.-	18
PHEAT+3414	proteomics_heat	1812083	1812109	+	2	2	K.LNSLEDVRK.G	13
PHEAT+3415	proteomics_heat	1812107	1812151	+	2	6	R.KGSENYALTTNQGVR.I	19
PHEAT+3416	proteomics_heat	1812110	1812151	+	2	2	K.GSENYALTTNQGVR.I	18
PHEAT+3417	proteomics_heat	1812191	1812223	+	2	2	R.GPTLLEDFILR.E	15
PHEAT+3418	proteomics_heat	1812281	1812316	+	2	2	R.GSAAHGYPQYK.S	16
PHEAT+3419	proteomics_heat	1812386	1812430	+	2	2	R.FSTVQGGAGSADTVR.D	19
PHEAT+3420	proteomics_heat	1812455	1812529	+	2	4	K.FYTEEGIFDLVGNNTPIFFIQDAHK.F	29
PHEAT+3421	proteomics_heat	1812692	1812724	+	2	2	R.TMEGFGIHTFR.L	15
PHEAT+3422	proteomics_heat	1813325	1813354	+	2	2	K.RGGFESYQER.V	14
PHEAT+3423	proteomics_heat	1813382	1813417	+	2	4	R.SPSFGEYSHPR.L	16
PHEAT+3424	proteomics_heat	1813517	1813570	+	2	2	R.VVDQLAHIDLTLAQAVAK.N	22
PHEAT+3425	proteomics_heat	1813643	1813687	+	2	4	K.DPSLSLYAIPDGDVK.G	19
PHEAT+3426	proteomics_heat	1814018	1814110	+	2	5	K.IADQGEEGIVEADSADGSFMDELLTLMAAHR.V	35
PHEAT+3427	proteomics_heat	1820482	1820508	+	1	2	S.MTLQQQIIK.A	13
PHEAT+3428	proteomics_heat	1820509	1820556	+	1	5	K.ALGAKPQINAEIIIIR.S	20
PHEAT+3429	proteomics_heat	1820509	1820553	+	1	4	K.ALGAKPQINAEIIIIR.R	19
PHEAT+3430	proteomics_heat	1820575	1820604	+	1	4	K.SYLQTYPFIK.S	14
PHEAT+3431	proteomics_heat	1820605	1820655	+	1	2	K.SLVLGISGGQDSTLAGK.L	21
PHEAT+3432	proteomics_heat	1820656	1820685	+	1	5	K.LCQMAINELR.L	14
PHEAT+3433	proteomics_heat	1820686	1820727	+	1	4	R.LETGNESLQFI AVR.L	18
PHEAT+3434	proteomics_heat	1820728	1820796	+	1	14	R.LPYGVQADEQDCQDAIAFIQPDR.V	27
PHEAT+3435	proteomics_heat	1820818	1820850	+	1	2	K.GAVLASEQALR.E	15
PHEAT+3436	proteomics_heat	1820851	1820883	+	1	2	R.EAGIELSDFVR.G	15
PHEAT+3437	proteomics_heat	1820914	1821000	+	1	39	K.AQYSIAGMTSGVVVGTDHAAEAITGFFTK.Y	33
PHEAT+3438	proteomics_heat	1821001	1821039	+	1	4	K.YGDGGTDINPLYR.L	17
PHEAT+3439	proteomics_heat	1821061	1821102	+	1	6	K.QLLAALACPEHLYK.K	18
PHEAT+3440	proteomics_heat	1821103	1821204	+	1	5	K.KAPTADLEDDRPSLPDEVALGVTYDNIDDYLEGK.N	38
PHEAT+3441	proteomics_heat	1821268	1821306	+	1	3	R.RPPITVFDDFWKK.-	17
PHEAT+3442	proteomics_heat	1821268	1821303	+	1	5	R.RPPITVFDDFWK.K	16
PHEAT+3443	proteomics_heat	1830488	1830523	+	2	2	R.ARPHQLEAIVEK.H	16
PHEAT+3444	proteomics_heat	1830524	1830559	+	2	7	K.HQPVDVIGLQETK.V	16
PHEAT+3445	proteomics_heat	1830599	1830631	+	2	4	K.LGYNVFYHGQK.G	15
PHEAT+3446	proteomics_heat	1830722	1830799	+	2	7	R.IIMAEIPSLGNVTVINGYFPQGESR.D	30
PHEAT+3447	proteomics_heat	1830827	1830877	+	2	5	K.AQFYQNLQNYLETELKR.D	21
PHEAT+3448	proteomics_heat	1831019	1831051	+	2	3	R.LMSWGLVDTFR.H	15
PHEAT+3449	proteomics_heat	1831133	1831204	+	2	4	R.IDLLLASQPLAECCVETGIDYEIR.S	28
PHEAT+3450	proteomics_heat	1831205	1831252	+	2	6	R.SMEKPSDHAPVWATFR.R	20
PHEAT+3451	proteomics_heat	1834574	1834627	+	2	2	R.DVTPQPQTPQALLEFAK.A	22
PHEAT+3452	proteomics_heat	1835081	1835149	+	2	2	R.KADPAVWGDPSVLDPQKLPDGQR.E	27

PHEAT+3453	proteomics_heat	1838508	1838573	+	3	2	R.WGHAGSDSTHMEDFHNPDTMR.S	26
PHEAT+3454	proteomics_heat	1840395	1840442	+	3	4	S.MDQYSLESFLNHVQK.R	20
PHEAT+3455	proteomics_heat	1840443	1840481	+	3	4	K.RDPNQTEFAQAVR.E	17
PHEAT+3456	proteomics_heat	1840446	1840481	+	3	8	R.DPNQTEFAQAVR.E	16
PHEAT+3457	proteomics_heat	1840482	1840526	+	3	7	R.EVMTTLWPFLQNP.K.Y	19
PHEAT+3458	proteomics_heat	1840638	1840670	+	3	5	R.VQFSSAIGPYK.G	15
PHEAT+3459	proteomics_heat	1840683	1840715	+	3	4	R.FHPSVNLK.SILK.F	15
PHEAT+3460	proteomics_heat	1840716	1840742	+	3	3	K.FLGFEQTFK.N	13
PHEAT+3461	proteomics_heat	1840743	1840778	+	3	5	K.NALTTLPMGGGK.G	16
PHEAT+3462	proteomics_heat	1840803	1840829	+	3	2	K.GKSEGEVMR.F	13
PHEAT+3463	proteomics_heat	1840830	1840862	+	3	4	R.FCQALMTELYR.H	15
PHEAT+3464	proteomics_heat	1840863	1840916	+	3	8	R.HLGADTDVPAIDIGVGG.R.E	22
PHEAT+3465	proteomics_heat	1840947	1840985	+	3	4	K.KLSNNTACVFTGK.G	17
PHEAT+3466	proteomics_heat	1840950	1840985	+	3	3	K.LSNNTACVFTGK.G	16
PHEAT+3467	proteomics_heat	1840986	1841066	+	3	33	K.GLSFGGSLIRPEATGYGLVYFTEAMLK.R	31
PHEAT+3468	proteomics_heat	1840986	1841069	+	3	9	K.GLSFGGSLIRPEATGYGLVYFTEAMLKR.H	32
PHEAT+3469	proteomics_heat	1841070	1841096	+	3	3	R.HGMGFEGMR.V	13
PHEAT+3470	proteomics_heat	1841097	1841144	+	3	4	R.VSVSGSGNVAQYAIK.A	20
PHEAT+3471	proteomics_heat	1841166	1841222	+	3	20	R.VITASDSSGTVVDESFTK.E	23
PHEAT+3472	proteomics_heat	1841289	1841417	+	3	4	K.EFGLVYLEGQQPWSLPVDIALPCATQNELDVDAHQLIANGVK.A	47
PHEAT+3473	proteomics_heat	1841418	1841504	+	3	19	K.AVAEGANMPTTIEATELQQAGVLFAPGK.A	33
PHEAT+3474	proteomics_heat	1841505	1841564	+	3	8	K.AANAGGVATSGLEMAQNAAR.L	24
PHEAT+3475	proteomics_heat	1847224	1847268	+	1	2	K.NFAGGDQPSMQYIGK.A	19
PHEAT+3476	proteomics_heat	1847488	1847535	+	1	2	K.SAVEPFIRDDMSPAAR.E	20
PHEAT+3477	proteomics_heat	1847551	1847601	+	1	2	R.WIGELWQNYLNTVAANR.Q	21
PHEAT+3478	proteomics_heat	1848376	1848414	+	1	2	K.IAQGHVWTGQDAK.A	17
PHEAT+3479	proteomics_heat	1848484	1848537	+	1	4	K.VKQWHLEYVDEPTFFDK.V	22
PHEAT+3480	proteomics_heat	1849259	1849345	+	2	7	R.SDGQINLLNLYVAANYPINEVTLFFNNR.L	33
PHEAT+3481	proteomics_heat	1849373	1849447	+	2	9	K.AHADGFDFAFASPPLPPLLEAGIHIR.R	29
PHEAT+3482	proteomics_heat	1849448	1849564	+	2	3	R.RLNTPPAPHGEGELIVHPITPQIGVVITYPGISADVVR.N	43
PHEAT+3483	proteomics_heat	1849604	1849636	+	2	2	R.SYGVGNAPQNK.A	15
PHEAT+3484	proteomics_heat	1849808	1849855	+	2	5	K.LHYLLSQELDTETIRK.A	20
PHEAT+3485	proteomics_heat	1849808	1849852	+	2	4	K.LHYLLSQELDTETIRK.K	19
PHEAT+3486	proteomics_heat	1860807	1860830	+	3	12	K.VGINGFGR.I	12
PHEAT+3487	proteomics_heat	1860864	1860932	+	3	13	K.RSDIEIVAINDLLDADYMYMLK.Y	27
PHEAT+3488	proteomics_heat	1860867	1860932	+	3	1155	R.SDIEIVAINDLLDADYMYMLK.Y	26
PHEAT+3489	proteomics_heat	1860867	1860923	+	3	2	R.SDIEIVAINDLLDADYMYM	23
PHEAT+3490	proteomics_heat	1860891	1860932	+	3	196	I.NDLLDADYMYMLK.Y	18
PHEAT+3491	proteomics_heat	1860933	1860977	+	3	8	K.YDSTHGRFDGTVEVK.D	19
PHEAT+3492	proteomics_heat	1860954	1861004	+	3	9	R.FDGTVEVKDGHLVNGK.K	21
PHEAT+3493	proteomics_heat	1860954	1860977	+	3	12	R.FDGTVEVK.D	12
PHEAT+3494	proteomics_heat	1860978	1861004	+	3	44	K.DGHLVNGK.K	13
PHEAT+3495	proteomics_heat	1860978	1861007	+	3	3	K.DGHLVNGK.K.I	14
PHEAT+3496	proteomics_heat	1861014	1861046	+	3	21	R.VTAERDPANLK.W	15
PHEAT+3497	proteomics_heat	1861014	1861115	+	3	453	R.VTAERDPANLKWDEVGVDVVAEATGLFLTDETAR.K	38
PHEAT+3498	proteomics_heat	1861014	1861118	+	3	34	R.VTAERDPANLKWDEVGVDVVAEATGLFLTDETARK.H	39

PHEAT+3499	proteomics_heat	1861029	1861115	+	3	20	R.DPANLKWDEVGVDVVAEATGLFLTDEAR.K	33
PHEAT+3500	proteomics_heat	1861029	1861118	+	3	6	R.DPANLKWDEVGVDVVAEATGLFLTDEARK.H	34
PHEAT+3501	proteomics_heat	1861041	1861118	+	3	41	N.LKWDEVGVDVVAEATGLFLTDEARK.H	30
PHEAT+3502	proteomics_heat	1861047	1861115	+	3	2072	K.WDEVGVDVVAEATGLFLTDEAR.K	27
PHEAT+3503	proteomics_heat	1861047	1861118	+	3	200	K.WDEVGVDVVAEATGLFLTDEARK.H	28
PHEAT+3504	proteomics_heat	1861140	1861190	+	3	6	K.KVVMTGPSKDNTPMFVK.G	21
PHEAT+3505	proteomics_heat	1861140	1861166	+	3	7	K.KVVMTGPSK.D	13
PHEAT+3506	proteomics_heat	1861140	1861181	+	3	4	K.KVVMTGPSKDNTPM.F	18
PHEAT+3507	proteomics_heat	1861140	1861169	+	3	3	K.KVVMTGPSKD.N	14
PHEAT+3508	proteomics_heat	1861143	1861190	+	3	8	K.VVMTGPSKDNTPMFVK.G	20
PHEAT+3509	proteomics_heat	1861143	1861196	+	3	3	K.VVMTGPSKDNTPMFVKGA.N	22
PHEAT+3510	proteomics_heat	1861143	1861166	+	3	4	K.VVMTGPSK.D	12
PHEAT+3511	proteomics_heat	1861191	1861274	+	3	32	K.GANFDKYAGQDIVSNASCTTNCLAPLAK.V	32
PHEAT+3512	proteomics_heat	1861209	1861274	+	3	24	K.YAGQDIVSNASCTTNCLAPLAK.V	26
PHEAT+3513	proteomics_heat	1861272	1861346	+	3	2	A.KVINDNFGIIEGLMTTVHATTATQK.T	29
PHEAT+3514	proteomics_heat	1861275	1861346	+	3	351	K.VINDNFGIIEGLMTTVHATTATQK.T	28
PHEAT+3515	proteomics_heat	1861275	1861325	+	3	7	K.VINDNFGIIEGLMTTVH.A	21
PHEAT+3516	proteomics_heat	1861278	1861346	+	3	3	V.INDNFGIIEGLMTTVHATTATQK.T	27
PHEAT+3517	proteomics_heat	1861293	1861346	+	3	15	F.GIIEGLMTTVHATTATQK.T	22
PHEAT+3518	proteomics_heat	1861296	1861346	+	3	2	G.IIEGLMTTVHATTATQK.T	21
PHEAT+3519	proteomics_heat	1861299	1861346	+	3	7	I.IEGLMTTVHATTATQK.T	20
PHEAT+3520	proteomics_heat	1861311	1861346	+	3	6	L.MTTVHATTATQK.T	16
PHEAT+3521	proteomics_heat	1861314	1861346	+	3	2	M.TTVHATTATQK.T	15
PHEAT+3522	proteomics_heat	1861347	1861379	+	3	3	K.TVDGPSHKDWR.G	15
PHEAT+3523	proteomics_heat	1861389	1861433	+	3	33	R.GASQNIIPSSTGAAK.A	19
PHEAT+3524	proteomics_heat	1861488	1861532	+	3	3	F.RVPTPNVSVVDLTVR.L	19
PHEAT+3525	proteomics_heat	1861491	1861532	+	3	68	R.VPTPNVSVVDLTVR.L	18
PHEAT+3526	proteomics_heat	1861506	1861532	+	3	2	N.VSVVDLTVR.L	13
PHEAT+3527	proteomics_heat	1861542	1861580	+	3	2	K.AATYEQIKA AVKA.A	17
PHEAT+3528	proteomics_heat	1861602	1861682	+	3	443	K.GVLGYTEDDVVSTDFNGEVCTSVFDAK.A	31
PHEAT+3529	proteomics_heat	1861683	1861715	+	3	77	K.AGIALNDNFVK.L	15
PHEAT+3530	proteomics_heat	1861716	1861757	+	3	64	K.LVSWYDNETGYSNK.V	18
PHEAT+3531	proteomics_heat	1861731	1861757	+	3	2	Y.DNETGYSNK.V	13
PHEAT+3532	proteomics_heat	1861758	1861787	+	3	21	K.VLDLIAHISK.-	14
PHEAT+3533	proteomics_heat	1861883	1861933	+	2	5	K.KIFALPVIEQISPVLSR.R	21
PHEAT+3534	proteomics_heat	1861886	1861933	+	2	10	K.IFALPVIEQISPVLSR.R	20
PHEAT+3535	proteomics_heat	1861934	1861984	+	2	3	R.RKLELDLIVVDHPQVK.A	21
PHEAT+3536	proteomics_heat	1861937	1861984	+	2	8	R.KLELDLIVVDHPQVK.A	20
PHEAT+3537	proteomics_heat	1861937	1861990	+	2	2	R.KLELDLIVVDHPQVKAS.F	22
PHEAT+3538	proteomics_heat	1861985	1862077	+	2	9	K.ASFALQGAHLLSWKPAGEEEVLWLSNNTPFK.N	35
PHEAT+3539	proteomics_heat	1862012	1862077	+	2	3	H.LLSWKPAGEEEVLWLSNNTPFK.N	26
PHEAT+3540	proteomics_heat	1862096	1862170	+	2	6	R.GGVPVCWPWFGPAAQQGLPAHG FAR.N	29
PHEAT+3541	proteomics_heat	1862258	1862287	+	2	2	K.KFWPHDFTLL.A	14
PHEAT+3542	proteomics_heat	1862423	1862449	+	2	4	R.FIDKVND AK.E	13
PHEAT+3543	proteomics_heat	1862423	1862491	+	2	3	R.FIDKVND AKENVLT DGIQTFPDR.T	27
PHEAT+3544	proteomics_heat	1862450	1862491	+	2	2	K.ENVLT DGIQTFPDR.T	18

PHEAT+3545	proteomics_heat	1862501	1862554	+	2	7	R.VYLNPDQCSVINDEALNR.I	22
PHEAT+3546	proteomics_heat	1862555	1862656	+	2	2	R.IIAVGHQHHLNVVGNPWPALISMGDMPDDGYK.T	38
PHEAT+3547	proteomics_heat	1862657	1862701	+	2	3	K.TFVCVETAYASETQK.V	19
PHEAT+3548	proteomics_heat	1864956	1865018	+	3	2	R.QRYEAAKDEEFTLQEFLTTCR.Q	25
PHEAT+3549	proteomics_heat	1865055	1865108	+	3	2	R.LLMAIGEPVMVDTAQEPR.L	22
PHEAT+3550	proteomics_heat	1865145	1865210	+	3	2	R.YPAFEFYGMEIAIEQIVSYLK.H	26
PHEAT+3551	proteomics_heat	1865238	1865279	+	3	7	K.KQILYLLGPPVGGGK.S	18
PHEAT+3552	proteomics_heat	1865304	1865354	+	3	4	K.SLMQLVPIYVLSANGER.S	21
PHEAT+3553	proteomics_heat	1865355	1865420	+	3	3	R.SPVNDHPFCLFNPQEDAQILEK.E	26
PHEAT+3554	proteomics_heat	1865526	1865564	+	3	2	K.VWPSILQQIAIAK.T	17
PHEAT+3555	proteomics_heat	1865565	1865615	+	3	4	K.TEPGDENNQDISALVGK.V	21
PHEAT+3556	proteomics_heat	1865628	1865690	+	3	6	R.KLEHYAQNDPDAYGYSALCR.A	25
PHEAT+3557	proteomics_heat	1865868	1865900	+	3	2	R.NNKNNEAFLDR.V	15
PHEAT+3558	proteomics_heat	1865964	1866029	+	3	9	K.LLNHSELTHAPCAPGTLETLSR.F	26
PHEAT+3559	proteomics_heat	1866048	1866083	+	3	2	R.LKEPENSSIYSK.M	16
PHEAT+3560	proteomics_heat	1866153	1866197	+	3	6	R.DYAGVDEGMNGLSTR.F	19
PHEAT+3561	proteomics_heat	1866222	1866299	+	3	16	R.VFNFDHVEVAANPVHLFYVLEQQIER.E	30
PHEAT+3562	proteomics_heat	1866693	1866743	+	3	3	K.MFSNTEELLPVISFNAK.T	21
PHEAT+3563	proteomics_heat	1871676	1871702	+	3	5	R.VVTHEAVGK.C	13
PHEAT+3564	proteomics_heat	1871775	1871867	+	3	5	K.GNGVNVHVLAILAADQQADLSQLASHIGGLR.A	35
PHEAT+3565	proteomics_heat	1871868	1871951	+	3	2	R.ASLASPAEVELTGCVFGAIPPFHFHPK.L	32
PHEAT+3566	proteomics_heat	1874951	1874989	+	2	2	K.RVYDPAEQSDGYR.I	17
PHEAT+3567	proteomics_heat	1874954	1874989	+	2	2	R.VYDPAEQSDGYR.I	16
PHEAT+3568	proteomics_heat	1875194	1875226	+	2	2	K.KQPLTLLYSAK.N	15
PHEAT+3569	proteomics_heat	1875227	1875271	+	2	2	K.NTTQNHVLDLWLR.S	19
PHEAT+3570	proteomics_heat	1876486	1876557	+	1	3	I.GRLGGDEFLVVSLNNENADISSLR.E	28
PHEAT+3571	proteomics_heat	1880887	1880949	+	1	2	R.FQQAHNHILAAIEEVIAHGPK.T	25
PHEAT+3572	proteomics_heat	1891424	1891546	+	2	17	R.WSDVVIHNNNTLYYTGVPENLDADAFEQTANTLAQIDAVLEK.Q	45
PHEAT+3573	proteomics_heat	1891562	1891624	+	2	20	K.SSILDATIFLADKNDFAAMNK.A	25
PHEAT+3574	proteomics_heat	1891625	1891666	+	2	5	K.AWDAAVVAGHAPVR.C	18
PHEAT+3575	proteomics_heat	1891667	1891699	+	2	5	R.CTVQAGLMNPK.Y	15
PHEAT+3576	proteomics_heat	1893015	1893044	+	3	2	K.ETVVSESEKR.T	14
PHEAT+3577	proteomics_heat	1893045	1893095	+	3	4	R.TTTTDDPLQVLQQVLDLDR.A	21
PHEAT+3578	proteomics_heat	1893801	1893905	+	3	4	K.VPELFFVVEFPVAVHHLVSTITAQLPEQLHASDLLR.A	39
PHEAT+3579	proteomics_heat	1894983	1895027	+	3	2	K.VGIGPSSSHTVGPMA.A	19
PHEAT+3580	proteomics_heat	1895130	1895219	+	3	10	K.GHHTDIAIIMGLAGNEPATVDIDSIPGFIR.D	34
PHEAT+3581	proteomics_heat	1895796	1895897	+	3	6	R.VVTAPTNGACGIVPAVLAYYDHFIESVSPDIYTR.Y	38
PHEAT+3582	proteomics_heat	1900075	1900128	+	1	31	V.TIAIVIGTHGWAAEQLLK.T	22
PHEAT+3583	proteomics_heat	1900129	1900215	+	1	5	K.TAEMLLGEQENVGWIDFVPGENAETLIEK.Y	33
PHEAT+3584	proteomics_heat	1900216	1900236	+	1	2	K.YNAQLAK.L	11
PHEAT+3585	proteomics_heat	1900252	1900308	+	1	29	K.GVFLVDTWGGSPFNAASR.I	23
PHEAT+3586	proteomics_heat	1900309	1900386	+	1	6	R.IVVDKHEHYEVIAGVNIPMLVETLMAR.D	30
PHEAT+3587	proteomics_heat	1900387	1900440	+	1	234	R.DDDPSFDELVALAVETGR.E	22
PHEAT+3588	proteomics_heat	1900480	1900512	+	1	6	K.AAPAPAAAAPK.A	15
PHEAT+3589	proteomics_heat	1900513	1900575	+	1	4	K.AAPTPAKPMGPNDYMVIGLAR.I	25
PHEAT+3590	proteomics_heat	1900588	1900614	+	1	2	R.LIHGQVATR.W	13

PHEAT+3591	proteomics_heat	1900642	1900686	+	1	10	R.IIVSDEVAADTVRK.T	19
PHEAT+3592	proteomics_heat	1900642	1900683	+	1	4	R.IIVSDEVAADTVR.K	18
PHEAT+3593	proteomics_heat	1900684	1900746	+	1	14	R.KLLTQVAPPGVTAHVVDVAK.M	25
PHEAT+3594	proteomics_heat	1900687	1900746	+	1	15	K.TLLTQVAPPGVTAHVVDVAK.M	24
PHEAT+3595	proteomics_heat	1900789	1900827	+	1	5	R.VMLLFTNPTDVER.L	17
PHEAT+3596	proteomics_heat	1900849	1900884	+	1	5	K.ITSVNVGGMAFR.Q	16
PHEAT+3597	proteomics_heat	1900894	1900950	+	1	6	K.TQVNNAVSVDEKDIEAFKK.L	23
PHEAT+3598	proteomics_heat	1900894	1900929	+	1	4	K.TQVNNAVSVDEK.D	16
PHEAT+3599	proteomics_heat	1900894	1900947	+	1	4	K.TQVNNAVSVDEKDIEAFK.K	22
PHEAT+3600	proteomics_heat	1901991	1902026	+	3	5	R.SNLFQGSWNFER.M	16
PHEAT+3601	proteomics_heat	1902027	1902071	+	3	13	R.MQALGFCFSMVPAIR.R	19
PHEAT+3602	proteomics_heat	1902072	1902101	+	3	5	R.RLYPENNEAR.K	14
PHEAT+3603	proteomics_heat	1902120	1902197	+	3	90	R.HLEFFNTQPFVAAPILGVTLALEEQR.A	30
PHEAT+3604	proteomics_heat	1902198	1902242	+	3	5	R.ANGAEIDDGAINGIK.V	19
PHEAT+3605	proteomics_heat	1902243	1902314	+	3	4	K.VGLMGPLAGVGDPIFWGTVRPVFA.A	28
PHEAT+3606	proteomics_heat	1902453	1902479	+	3	3	K.DMGGGFLQK.L	13
PHEAT+3607	proteomics_heat	1902480	1902536	+	3	3	K.LTEGASILGLFVMGALVNK.W	23
PHEAT+3608	proteomics_heat	1902537	1902572	+	3	9	K.WTHVNIPLVSR.I	16
PHEAT+3609	proteomics_heat	1907087	1907119	+	2	2	R.GTSTVQYLHTK.S	15
PHEAT+3610	proteomics_heat	1915954	1915992	+	1	2	K.EQDHFVALDTQPK.Y	17
PHEAT+3611	proteomics_heat	1916656	1916685	+	1	2	R.KEFVVVPGEK.A	14
PHEAT+3612	proteomics_heat	1917181	1917225	+	1	2	R.ANAFDIDLHIKPEYR.N	19
PHEAT+3613	proteomics_heat	1917619	1917708	+	1	2	R.FSVVTPQISAAGVEHLDTILQPYINVEPGR.G	34
PHEAT+3614	proteomics_heat	1918781	1918858	+	2	3	R.VFGAAVPEMFDAILLDAPCSGEGVVR.K	30
PHEAT+3615	proteomics_heat	1919096	1919167	+	2	2	K.ALTEEGFLHVPQIYDCEGFFVAR.L	28
PHEAT+3616	proteomics_heat	1928947	1928979	+	1	3	R.VMLLGSSELGK.E	15
PHEAT+3617	proteomics_heat	1929070	1929108	+	1	6	R.SHVINMLDGDALR.R	17
PHEAT+3618	proteomics_heat	1929112	1929222	+	1	2	R.VVELEKPHYIVPEIEAIATDMLIQLEEEGLNVPCAR.A	41
PHEAT+3619	proteomics_heat	1929259	1929303	+	1	3	R.RLAAEELQLPTSTYR.F	19
PHEAT+3620	proteomics_heat	1929262	1929303	+	1	3	R.LAAEELQLPTSTYR.F	18
PHEAT+3621	proteomics_heat	1929304	1929330	+	1	2	R.FADSESLFR.E	13
PHEAT+3622	proteomics_heat	1929331	1929393	+	1	4	R.EAVADIGYPCIVKPMSSSGK.G	25
PHEAT+3623	proteomics_heat	1929412	1929441	+	1	5	R.SAEQLAQAWK.Y	14
PHEAT+3624	proteomics_heat	1929577	1929642	+	1	2	R.QEDGDYRESWQPQQMSPLALER.A	26
PHEAT+3625	proteomics_heat	1929598	1929642	+	1	2	R.ESWQPQQMSPLALER.A	19
PHEAT+3626	proteomics_heat	1929754	1929819	+	1	2	R.PHDTGMVTLISQDLSEFALHVR.A	26
PHEAT+3627	proteomics_heat	1929820	1929852	+	1	2	R.AFLGLPVGIR.Q	15
PHEAT+3628	proteomics_heat	1929853	1929957	+	1	2	R.QYGPAAAVILPQLTSQNVTFDNVQNAVADLQIR.L	39
PHEAT+3629	proteomics_heat	1929958	1929990	+	1	3	R.LFGKPEIDGSR.R	15
PHEAT+3630	proteomics_heat	1929991	1930044	+	1	5	R.RLGVALATAESVVDAIER.A	22
PHEAT+3631	proteomics_heat	1929994	1930044	+	1	36	R.LGVALATAESVVDAIER.A	21
PHEAT+3632	proteomics_heat	1934877	1934924	+	3	2	K.LHLAQLSANGTPYVNR.N	20
PHEAT+3633	proteomics_heat	1935694	1935750	+	1	4	R.TKIVTTLGPATDRDNNLEK.V	23
PHEAT+3634	proteomics_heat	1935700	1935750	+	1	4	K.IVTTLGPATDRDNNLEK.V	21
PHEAT+3635	proteomics_heat	1935751	1935780	+	1	3	K.VIAAGANVVVR.M	14
PHEAT+3636	proteomics_heat	1935862	1935897	+	1	13	R.HVAILGDLQGPK.I	16



PHEAT+3637	proteomics_heat	1935928	1935951	+	1	4	K.VFLNIGDK.F	12
PHEAT+3638	proteomics_heat	1935952	1935999	+	1	2	K.FLLDANLGKGEKDKEK.V	20
PHEAT+3639	proteomics_heat	1936018	1936071	+	1	6	K.GLPADVPGDILLDDGR.V	22
PHEAT+3640	proteomics_heat	1936084	1936107	+	1	6	K.VLEVQGMK.V	12
PHEAT+3641	proteomics_heat	1936108	1936152	+	1	2	K.VFTEVTVGGPLSNK.G	19
PHEAT+3642	proteomics_heat	1936165	1936221	+	1	6	K.LGGGLSAEALTEKDADIK.T	23
PHEAT+3643	proteomics_heat	1936165	1936203	+	1	2	K.LGGGLSAEALTEK.D	17
PHEAT+3644	proteomics_heat	1936165	1936209	+	1	2	K.LGGGLSAEALTEKD.K.A	19
PHEAT+3645	proteomics_heat	1936222	1936269	+	1	7	K.TAALIGVDYLAVSFPR.C	20
PHEAT+3646	proteomics_heat	1936351	1936422	+	1	8	R.AEAVCSQDAMDDIILASDVVMVAR.G	28
PHEAT+3647	proteomics_heat	1936423	1936473	+	1	5	R.GDLGVEIGDPELVGIQK.A	21
PHEAT+3648	proteomics_heat	1936507	1936566	+	1	2	R.AVITATQMMESMITNPMPTA.A	24
PHEAT+3649	proteomics_heat	1936567	1936680	+	1	12	R.AEVM DVANAVLDGTDVAVMLSAETAAGQYPSETVAAMAR.V	42
PHEAT+3650	proteomics_heat	1936726	1936803	+	1	2	K.HRLDVQFDNVEEAIAMSAMYAANHLK.G	30
PHEAT+3651	proteomics_heat	1936732	1936803	+	1	12	R.LDVQFDNVEEAIAMSAMYAANHLK.G	28
PHEAT+3652	proteomics_heat	1936864	1936899	+	1	2	R.ISSGLPIFAMSR.H	16
PHEAT+3653	proteomics_heat	1936909	1936935	+	1	3	R.TLNLTALYR.G	13
PHEAT+3654	proteomics_heat	1936936	1937010	+	1	10	R.GVTPVHFDSANDGVAAAASEAVNLLR.D	29
PHEAT+3655	proteomics_heat	1940740	1940778	+	1	2	R.VLSDVSLELKPGK.I	17
PHEAT+3656	proteomics_heat	1940779	1940814	+	1	2	K.ILTLGPNAGK.S	16
PHEAT+3657	proteomics_heat	1940830	1940874	+	1	2	R.VVLGLVTPDEGVIKR.N	19
PHEAT+3658	proteomics_heat	1941007	1941045	+	1	4	R.VQAGHLINAPMQK.L	17
PHEAT+3659	proteomics_heat	1941085	1941186	+	1	4	R.ALLNRPQLLVLEPTQGVQVNGQVALYDLIDQLR.R	38
PHEAT+3660	proteomics_heat	1941247	1941345	+	1	2	K.TDEVLCNHHICCSGTPEVVSLEHPEFISMFGPR.G	37
PHEAT+3661	proteomics_heat	1949021	1949086	+	2	2	R.VGWSADYAEALKQPVDAAPPAK.V	26
PHEAT+3662	proteomics_heat	1949500	1949565	+	1	2	R.HFNCEVGNNTLYALPKPEVLLR.W	26
PHEAT+3663	proteomics_heat	1949971	1950015	+	1	2	K.VPVHAVLTATNPLIR.F	19
PHEAT+3664	proteomics_heat	1950828	1950881	+	3	10	R.SVPGYSNIISMIGLAER.F	22
PHEAT+3665	proteomics_heat	1950882	1950950	+	3	3	R.FVQPGTQVYDLGCSLGAATLSVR.R	27
PHEAT+3666	proteomics_heat	1951173	1951220	+	3	3	K.IYQGLNPGGALVLSEK.F	20
PHEAT+3667	proteomics_heat	1951242	1951280	+	3	2	K.VGELLFNMHHDFK.R	17
PHEAT+3668	proteomics_heat	1951634	1951699	+	2	3	R.LDLLHSVTAESEEPSAGQIKR.I	26
PHEAT+3669	proteomics_heat	1951736	1951783	+	2	2	R.KGPFSLYGVNIDTEWR.S	20
PHEAT+3670	proteomics_heat	1951985	1952029	+	2	2	R.AHLLPLGIEQLPALK.A	19
PHEAT+3671	proteomics_heat	1958122	1958172	+	1	5	R.QAMIAAGAPADCEPQVR.Q	21
PHEAT+3672	proteomics_heat	1958185	1958232	+	1	2	K.VQFGDYQANGMMAVAK.K	20
PHEAT+3673	proteomics_heat	1958254	1958307	+	1	5	R.QLAEQVLTHLDLNGIASK.V	22
PHEAT+3674	proteomics_heat	1958308	1958397	+	1	36	K.VEIAGPGFINIFLPAFLAEHVQQALASDR.L	34
PHEAT+3675	proteomics_heat	1958422	1958463	+	1	2	K.QTIVVDYSAPNVAK.E	18
PHEAT+3676	proteomics_heat	1958677	1958712	+	1	3	K.KHYDEDEEFAER.A	16
PHEAT+3677	proteomics_heat	1958773	1958820	+	1	7	R.KLVDITMTQNQITYDR.L	20
PHEAT+3678	proteomics_heat	1958776	1958820	+	1	2	K.LVDITMTQNQITYDR.L	19
PHEAT+3679	proteomics_heat	1958842	1958904	+	1	8	R.DDVMGESLYNPLPGIVADLK.A	25
PHEAT+3680	proteomics_heat	1958911	1958964	+	1	2	K.GLAVESEGATVFLDEFK.N	22
PHEAT+3681	proteomics_heat	1958965	1959003	+	1	4	K.NKEGEPMGVIIQK.K	17
PHEAT+3682	proteomics_heat	1958971	1959003	+	1	2	K.EGEPMGVIIQK.K	15

PHEAT+3683	proteomics_heat	1959004	1959051	+	1	2	K.KDGGYLYTTTTDIACAK.Y	20
PHEAT+3684	proteomics_heat	1959007	1959051	+	1	8	K.DGGYLYTTTTDIACAK.Y	19
PHEAT+3685	proteomics_heat	1959145	1959210	+	1	2	R.KAGYVPESVPLEHHMFGMMLGK.D	26
PHEAT+3686	proteomics_heat	1959292	1959342	+	1	5	R.RLVAEKNPDMPEDELEK.L	21
PHEAT+3687	proteomics_heat	1959343	1959375	+	1	3	K.LANAVGIGAVK.Y	15
PHEAT+3688	proteomics_heat	1959502	1959552	+	1	3	R.KAEIDEEQLAAAPVIIR.E	21
PHEAT+3689	proteomics_heat	1959505	1959552	+	1	2	K.AEIDEEQLAAAPVIIR.E	20
PHEAT+3690	proteomics_heat	1959652	1959729	+	1	2	Y.LYDLAGLFSGFYEHCPILSAENEEVR.N	30
PHEAT+3691	proteomics_heat	1961498	1961545	+	2	3	R.SSVSFGISWATRSNSC.C	20
PHEAT+3692	proteomics_heat	1977951	1977989	+	3	2	R.SVMHEETQSFLDK.L	17
PHEAT+3693	proteomics_heat	1982177	1982257	+	2	18	C.VPPNMPFINSLRPAPTRPNSPTISPLR.T	31
PHEAT+3694	proteomics_heat	1986875	1986907	+	2	5	R.HAQEEMTHMQR.L	15
PHEAT+3695	proteomics_heat	1986908	1986946	+	2	7	R.LFDYLTDTGNLPR.I	17
PHEAT+3696	proteomics_heat	1986947	1987039	+	2	21	R.INTVESPFAEYSSLDLDFQETYKHEQLITQK.I	35
PHEAT+3697	proteomics_heat	1986947	1987015	+	2	4	R.INTVESPFAEYSSLDLDFQETYK.H	27
PHEAT+3698	proteomics_heat	1987058	1987135	+	2	2	H.AAMTNQDYPTFNFLQWYVSEQHEEEK.L	30
PHEAT+3699	proteomics_heat	1987145	1987177	+	2	2	K.SIIDKLSLAGK.S	15
PHEAT+3700	proteomics_heat	1987178	1987234	+	2	5	K.SGEGLYFIDKELSTLDTQN.-	23
PHEAT+3701	proteomics_heat	1987178	1987207	+	2	2	K.SGEGLYFIDK.E	14
PHEAT+3702	proteomics_heat	1993845	1993910	+	3	4	M.STPDFSTAENNQELANEVSLK.A	26
PHEAT+3703	proteomics_heat	1994330	1994374	+	2	5	S.GVITISSFKRIRAIR.L	19
PHEAT+3704	proteomics_heat	2004804	2004830	+	3	2	R.NHAVTEEIK.Y	13
PHEAT+3705	proteomics_heat	2005392	2005451	+	3	2	R.FAHGVQTLFFDHPNCIAFSR.S	24
PHEAT+3706	proteomics_heat	2005515	2005547	+	3	3	K.TIHLGENYGNK.T	15
PHEAT+3707	proteomics_heat	2007599	2007667	+	2	3	K.KGEILEVSDCPQSINNIPLDAR.N	27
PHEAT+3708	proteomics_heat	2007668	2007718	+	2	5	R.NHGYTVLDIQDQDPTIR.Y	21
PHEAT+3709	proteomics_heat	2011478	2011534	+	2	2	R.FSEASGAIIEVPADKVHEL.R.L	23
PHEAT+3710	proteomics_heat	2011928	2011951	+	2	2	R.DLNDAQLK.Y	12
PHEAT+3711	proteomics_heat	2012762	2012791	+	2	2	R.LSKDEQLQQR.R	14
PHEAT+3712	proteomics_heat	2013384	2013473	+	3	6	R.IATFGGVQPAALAEELTEVLNGLLDGQNLKR.S	34
PHEAT+3713	proteomics_heat	2013384	2013470	+	3	3	R.IATFGGVQPAALAEELTEVLNGLLDGQNLK.R	33
PHEAT+3714	proteomics_heat	2019208	2019300	+	1	2	K.SAAETVFQQFGGGDVSGTLQDIDLIMDIPVK.L	35
PHEAT+3715	proteomics_heat	2024150	2024230	+	2	9	K.RPTTLGLGDGPNDAPLLEVMYAVIVK.G	31
PHEAT+3716	proteomics_heat	2032138	2032185	+	1	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT+3717	proteomics_heat	2032138	2032185	+	1	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT+3718	proteomics_heat	2032138	2032185	+	1	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT+3719	proteomics_heat	2032138	2032185	+	1	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT+3720	proteomics_heat	2032156	2032185	+	1	2	K.DGNKLDLYGK.V	14
PHEAT+3721	proteomics_heat	2032156	2032185	+	1	2	K.DGNKLDLYGK.V	14
PHEAT+3722	proteomics_heat	2032156	2032185	+	1	2	K.DGNKLDLYGK.V	14
PHEAT+3723	proteomics_heat	2032156	2032185	+	1	2	K.DGNKLDLYGK.V	14
PHEAT+3724	proteomics_heat	2033880	2033996	+	3	3	K.NPQVDIAEDNAFFPSEYSLSQYTPVSDLDGVDYPKPYR.G	43
PHEAT+3725	proteomics_heat	2033880	2033987	+	3	2	K.NPQVDIAEDNAFFPSEYSLSQYTPVSDLDGVDYPK.P	40
PHEAT+3726	proteomics_heat	2034060	2034119	+	3	2	K.LFSTGNHPIETLLPLYHLHA.A	24
PHEAT+3727	proteomics_heat	2034060	2034110	+	3	4	K.LFSTGNHPIETLLPLYH.L	21
PHEAT+3728	proteomics_heat	2034168	2034203	+	3	3	K.FEYWAMPHKDEK.V	16

PHEAT+3729	proteomics_heat	2034387	2034443	+	3	2	K.NDRFVISLCHGPA AFLALR.H	23
PHEAT+3730	proteomics_heat	2034396	2034443	+	3	7	R.FVISLCHGPA AFLALR.H	20
PHEAT+3731	proteomics_heat	2034444	2034503	+	3	5	R.HGDNPLNGYSICAFDAADK.Q	24
PHEAT+3732	proteomics_heat	2034570	2034608	+	3	2	K.MGMNIINDDITGR.V	17
PHEAT+3733	proteomics_heat	2034624	2034671	+	3	9	R.KLLTGDS PF AANALGK.L	20
PHEAT+3734	proteomics_heat	2034627	2034671	+	3	2	K.LLTGDS PF AANALGK.L	19
PHEAT+3735	proteomics_heat	2037049	2037132	+	1	2	A.AQQNILSVHILNQQTGKPAADVTVTLEK.K	32
PHEAT+3736	proteomics_heat	2037133	2037171	+	1	2	K.KADNGWLQLNTAK.T	17
PHEAT+3737	proteomics_heat	2037268	2037324	+	1	5	K.KQNLESFFPEIPVEFHINK.V	23
PHEAT+3738	proteomics_heat	2037325	2037384	+	1	5	K.VNEHYHVPLLSQYGYSTYR.G	24
PHEAT+3739	proteomics_heat	2037847	2037900	+	1	2	K.ISGEVAKPLTLDHDDLTR.R	22
PHEAT+3740	proteomics_heat	2039492	2039515	+	2	3	K.PLTEVEQK.A	12
PHEAT+3741	proteomics_heat	2039516	2039557	+	2	20	K.AANGVFDDANVQNR.T	18
PHEAT+3742	proteomics_heat	2039531	2039557	+	2	2	V.FDDANVQNR.T	13
PHEAT+3743	proteomics_heat	2039558	2039638	+	2	7	R.TLSDWDG V W Q S V Y P L L Q S G K L D P V F Q K . K	31
PHEAT+3744	proteomics_heat	2039558	2039617	+	2	21	R.TLSDWDG V W Q S V Y P L L Q S G K . L	24
PHEAT+3745	proteomics_heat	2039663	2039695	+	2	24	K.TFAEIKDYH.K	15
PHEAT+3746	proteomics_heat	2039696	2039755	+	2	76	K.GYATDIEMIGIEDGIVEFHR.N	24
PHEAT+3747	proteomics_heat	2039756	2039800	+	2	3	R.NNETTSCKYDYDGYK.I	19
PHEAT+3748	proteomics_heat	2039780	2039800	+	2	3	K.YDYDGYK.I	11
PHEAT+3749	proteomics_heat	2039837	2039869	+	2	9	R.YLFECKDPESK.A	15
PHEAT+3750	proteomics_heat	2039879	2039914	+	2	20	K.YIQFSDHIIAPR.K	16
PHEAT+3751	proteomics_heat	2041696	2041788	+	1	3	K.VQESAHQTALPWQEALS IPLLTCLTEQE QSK.L	35
PHEAT+3752	proteomics_heat	2042422	2042469	+	1	2	R.LHHANDTDSFSATNVH.-	20
PHEAT+3753	proteomics_heat	2053097	2053171	+	2	11	K.GSGLTPAQALDKLDALYEQSVVALR.N	29
PHEAT+3754	proteomics_heat	2053172	2053225	+	2	3	R.NAIGNYITSGELPDENAR.K	22
PHEAT+3755	proteomics_heat	2053226	2053294	+	2	4	R.KQGLFVYPSLTVTWGSTTNPPK.T	27
PHEAT+3756	proteomics_heat	2053517	2053615	+	2	3	R.YFPTTELAQIGDETADGIYHPTEFSPLSHFDAR.R	37
PHEAT+3757	proteomics_heat	2053616	2053639	+	2	2	R.RVDFSLAR.L	12
PHEAT+3758	proteomics_heat	2053646	2053708	+	2	2	R.HYTGTPVEHFQPFVLTNYTR.Y	25
PHEAT+3759	proteomics_heat	2053646	2053693	+	2	2	R.HYTGTPVEHFQPFVLF.T	20
PHEAT+3760	proteomics_heat	2053730	2053852	+	2	2	R.WGCSQILD P D S P Y I A L S C A G G N W I T A E T E A P E E A I S D L A W K . K	45
PHEAT+3761	proteomics_heat	2053856	2053942	+	2	2	K.HQMPAWHLITADGQGITLVNIGVGPSNAK.T	33
PHEAT+3762	proteomics_heat	2053943	2054014	+	2	5	K.TICDHLAVLRPDVWLMIGHCGGLR.E	28
PHEAT+3763	proteomics_heat	2054015	2054062	+	2	4	R.ESQAIGDYVLAHAYLR.D	20
PHEAT+3764	proteomics_heat	2054063	2054131	+	2	6	R.DDHVLDVLPDIPISIAEVQR.A	27
PHEAT+3765	proteomics_heat	2054153	2054185	+	2	3	K.LVSGRPGEEVK.Q	15
PHEAT+3766	proteomics_heat	2054198	2054227	+	2	3	R.TGTVTTDDR.N	14
PHEAT+3767	proteomics_heat	2054198	2054242	+	2	2	R.TGTVTTDDRNWELR.Y	19
PHEAT+3768	proteomics_heat	2054330	2054392	+	2	2	R.FRVPGTLLCVSDKPLHGEIK.L	25
PHEAT+3769	proteomics_heat	2054336	2054392	+	2	2	R.VPYGTLLCVSDKPLHGEIK.L	23
PHEAT+3770	proteomics_heat	2054414	2054458	+	2	5	R.FYEGAISEHLQIGIR.A	19
PHEAT+3771	proteomics_heat	2054987	2055025	+	2	3	K.QGEPDPELNTSLK.F	17
PHEAT+3772	proteomics_heat	2055098	2055130	+	2	3	K.GGGDETFVQGR.Y	15
PHEAT+3773	proteomics_heat	2055131	2055196	+	2	7	R.YEGFGPNGSMIIAETLTSNVNR.T	26
PHEAT+3774	proteomics_heat	2055359	2055418	+	2	2	R.DVTEEEGNIVIYTEPTDLHK.G	24

PHEAT+3775	proteomics_heat	2055572	2055595	+	2	4	K.VYHNVANL.-	12
PHEAT+3776	proteomics_heat	2069929	2069997	+	1	3	R.VNPGGSVSDTVISAGGGQSLQGR.A	27
PHEAT+3777	proteomics_heat	2070400	2070438	+	1	3	K.NGGVAGNTTVNQK.G	17
PHEAT+3778	proteomics_heat	2070445	2070489	+	1	2	R.LQVDAGGTATNVTLK.Q	19
PHEAT+3779	proteomics_heat	2070490	2070543	+	1	2	K.QGGALVTSTAATVTGINR.L	22
PHEAT+3780	proteomics_heat	2070607	2070645	+	1	4	R.LDVLTGHTATNTR.V	17
PHEAT+3781	proteomics_heat	2070646	2070675	+	1	3	R.VDDGGTLDVR.N	14
PHEAT+3782	proteomics_heat	2070988	2071044	+	1	3	R.EGDALLQGGSLTGNGSVEK.S	23
PHEAT+3783	proteomics_heat	2071093	2071164	+	1	2	K.AVNLNEGTLTLDNDSTVTTDVIAQR.G	28
PHEAT+3784	proteomics_heat	2071474	2071533	+	1	2	K.TILNLVNAGNSASGLATSGK.G	24
PHEAT+3785	proteomics_heat	2080798	2080884	+	1	2	K.QQSTFLFHDIYETFGTHPALDRPAQFAAIR.T	33
PHEAT+3786	proteomics_heat	2081005	2081040	+	1	2	R.AKGENEAAFAAR.I	16
PHEAT+3787	proteomics_heat	2081206	2081274	+	1	2	R.ACYALRPEGINWPENDDGLPSFR.L	27
PHEAT+3788	proteomics_heat	2081293	2081364	+	1	3	K.ANGIEHSNAHDAMADVATIAMAK.L	28
PHEAT+3789	proteomics_heat	2081500	2081547	+	1	3	R.GNTSJVAPLAWHPENR.N	20
PHEAT+3790	proteomics_heat	2088330	2088371	+	3	8	R.LIAMAENMPIDILR.V	18
PHEAT+3791	proteomics_heat	2088372	2088467	+	3	12	R.VRDDDIPGLVMDGVVDLGIIGENVLEEELNR.R	36
PHEAT+3792	proteomics_heat	2088396	2088467	+	3	5	G.LVMDGVVDLGIIGENVLEEELNR.R	28
PHEAT+3793	proteomics_heat	2088507	2088530	+	3	2	R.RLDFGGCR.L	12
PHEAT+3794	proteomics_heat	2088528	2088590	+	3	2	C.RLSLATPVDEAWDGPLSLNGK.R	25
PHEAT+3795	proteomics_heat	2088531	2088590	+	3	10	R.LSLATPVDEAWDGPLSLNGK.R	24
PHEAT+3796	proteomics_heat	2088657	2088695	+	3	6	K.SCLLNGSVEVAPR.A	17
PHEAT+3797	proteomics_heat	2088696	2088764	+	3	25	R.AGLADAICDLVSTGATLEANGLR.E	27
PHEAT+3798	proteomics_heat	2088696	2088785	+	3	7	R.AGLADAICDLVSTGATLEANGLREVEVIYR.S	34
PHEAT+3799	proteomics_heat	2088765	2088785	+	3	2	R.EVEVIYR.S	11
PHEAT+3800	proteomics_heat	2088765	2088785	+	3	2	R.EVEVIYR.S	11
PHEAT+3801	proteomics_heat	2088810	2088851	+	3	2	R.DGEMEESKQQLIDK.L	18
PHEAT+3802	proteomics_heat	2088897	2088926	+	3	3	K.YIMMHEADER.L	14
PHEAT+3803	proteomics_heat	2088927	2089001	+	3	9	R.LDEVIALLPGAERPTILPLAGDQQR.V	29
PHEAT+3804	proteomics_heat	2089002	2089055	+	3	3	R.VAMHMVSSETLFWETMEK.L	22
PHEAT+3805	proteomics_heat	2089062	2089103	+	3	4	K.ALGASSILVPIEK.M	18
PHEAT+3806	proteomics_heat	2089124	2089174	+	2	6	M.SFNIIIDWNSCTAEQQR.Q	21
PHEAT+3807	proteomics_heat	2089175	2089222	+	2	5	R.QLLMRPAISASESITR.T	20
PHEAT+3808	proteomics_heat	2089223	2089252	+	2	2	R.TVNDILDNVK.A	14
PHEAT+3809	proteomics_heat	2089253	2089276	+	2	3	K.ARGDEALR.E	12
PHEAT+3810	proteomics_heat	2089292	2089321	+	2	6	K.FDKTTVTALK.V	14
PHEAT+3811	proteomics_heat	2089322	2089357	+	2	4	K.VSAEEIAAASER.L	16
PHEAT+3812	proteomics_heat	2089400	2089429	+	2	12	K.NIETFHTAQK.L	14
PHEAT+3813	proteomics_heat	2089430	2089468	+	2	8	K.LPPVDVETQPGVR.C	17
PHEAT+3814	proteomics_heat	2089727	2089774	+	2	10	K.VDKIFGPGNAFVTEAK.R	20
PHEAT+3815	proteomics_heat	2089736	2089774	+	2	3	K.IFGPGNAFVTEAK.R	17
PHEAT+3816	proteomics_heat	2089958	2089981	+	2	4	R.RVAEAVER.Q	12
PHEAT+3817	proteomics_heat	2090054	2090119	+	2	3	K.DLAQCVEISINQYGPEHLIIQTR.N	26
PHEAT+3818	proteomics_heat	2090312	2090365	+	2	10	K.EGFSALASTIETLAAAER.L	22
PHEAT+3819	proteomics_heat	2090399	2090422	+	2	2	R.VNALKEQA.-	12
PHEAT+3820	proteomics_heat	2090494	2090604	+	1	2	R.RLGGNGDVWLNANEYPTAVEFQLTQQTLNRYPECQPK.A	41

PHEAT+3821	proteomics_heat	2090497	2090604	+	1	3	R.LGGNGDVWLNANEYPTAVEFQLTQQTLNRYPECQPK.A	40
PHEAT+3822	proteomics_heat	2090605	2090667	+	1	6	K.AVIENYAQYAGVKPEQVLVSR.G	25
PHEAT+3823	proteomics_heat	2090722	2090796	+	1	3	K.DAILYCPPTYGMYSVSAETIGVECR.T	29
PHEAT+3824	proteomics_heat	2090797	2090865	+	1	3	R.TVPTLDNWQLDLQGISDKLDGVK.V	27
PHEAT+3825	proteomics_heat	2090797	2090850	+	1	5	R.TVPTLDNWQLDLQGISDK.L	22
PHEAT+3826	proteomics_heat	2090866	2090928	+	1	7	K.VVYVCSNNPTGQLINPQDFR.T	25
PHEAT+3827	proteomics_heat	2091088	2091135	+	1	10	R.CGFTLANEEVINLLMK.V	20
PHEAT+3828	proteomics_heat	2091136	2091219	+	1	19	K.VIAPYPLSTPVADIAAQALSPQGIVAMR.E	32
PHEAT+3829	proteomics_heat	2091226	2091249	+	1	7	R.VAQIIAER.E	12
PHEAT+3830	proteomics_heat	2091250	2091273	+	1	4	R.EYLIAALK.E	12
PHEAT+3831	proteomics_heat	2091274	2091330	+	1	8	K.EIPCVEQVDFSETNYILAR.F	23
PHEAT+3832	proteomics_heat	2091358	2091387	+	1	5	K.SLWDQGILR.D	14
PHEAT+3833	proteomics_heat	2091388	2091426	+	1	8	R.DQNKQPSSLGCLR.I	17
PHEAT+3834	proteomics_heat	2091504	2091578	+	3	3	K.YLFIDRDGTLISEPPSDFQVDRFDK.L	29
PHEAT+3835	proteomics_heat	2091522	2091569	+	3	8	R.DGTLISEPPSDFQVDR.F	20
PHEAT+3836	proteomics_heat	2091570	2091617	+	3	5	R.FDKLAFEPGVIPELLK.L	20
PHEAT+3837	proteomics_heat	2091579	2091617	+	3	3	K.LAFEPGVIPELLK.L	17
PHEAT+3838	proteomics_heat	2091831	2091857	+	3	3	R.YLAEQAMDR.A	13
PHEAT+3839	proteomics_heat	2091858	2091884	+	3	2	R.ANSYVIGDR.A	13
PHEAT+3840	proteomics_heat	2091885	2091932	+	3	4	R.ATDIQLAENMGITGLR.Y	20
PHEAT+3841	proteomics_heat	2091933	2091983	+	3	5	R.YDRETLNWP MIGEQLTR.R	21
PHEAT+3842	proteomics_heat	2091942	2091983	+	3	2	R.ETLNP MIGEQLTR.R	18
PHEAT+3843	proteomics_heat	2092071	2092136	+	3	16	K.INTGVGFFDHMLDQIATHGGFR.M	26
PHEAT+3844	proteomics_heat	2092155	2092223	+	3	10	K.GDLYIDDHHTVEDTGLALGEALK.I	27
PHEAT+3845	proteomics_heat	2092257	2092295	+	3	2	R.FGFVLPMDDECLAR.C	17
PHEAT+3846	proteomics_heat	2092296	2092337	+	3	3	R.CALDISGRPHLEYK.A	18
PHEAT+3847	proteomics_heat	2092359	2092400	+	3	4	R.VGDLSTEMIEHFFR.S	18
PHEAT+3848	proteomics_heat	2092401	2092439	+	3	3	R.SLSYTMGVTLHLK.T	17
PHEAT+3849	proteomics_heat	2092518	2092547	+	3	4	R.VEGDTPSSK.G	14
PHEAT+3850	proteomics_heat	2092559	2092609	+	2	7	V.MNVVILDTGCANLNSVK.S	21
PHEAT+3851	proteomics_heat	2092643	2092732	+	2	10	K.VSRDPDVVLLADKLFPGVGTAAAMDQVR.E	34
PHEAT+3852	proteomics_heat	2092643	2092681	+	2	6	K.VSRDPDVVLLADK.L	17
PHEAT+3853	proteomics_heat	2092652	2092681	+	2	2	R.DPDVLLADK.L	14
PHEAT+3854	proteomics_heat	2092652	2092732	+	2	3	R.DPDVLLADKLFPGVGTAAAMDQVR.E	31
PHEAT+3855	proteomics_heat	2092682	2092732	+	2	4	K.LFLPGVGTAAAMDQVR.E	21
PHEAT+3856	proteomics_heat	2092760	2092813	+	2	11	K.ACTQPVLGICLGMQLLGR.R	22
PHEAT+3857	proteomics_heat	2092814	2092873	+	2	3	R.RSEESNGVDLLGIIDEDVPK.M	24
PHEAT+3858	proteomics_heat	2092817	2092873	+	2	2	R.SSEESNGVDLLGIIDEDVPK.M	23
PHEAT+3859	proteomics_heat	2092874	2092918	+	2	5	K.MTDFGLPLPHMGWNR.V	19
PHEAT+3860	proteomics_heat	2092991	2093065	+	2	4	S.YAMPVNPWTIAQCNYGEPFTAQVQK.D	29
PHEAT+3861	proteomics_heat	2093066	2093101	+	2	3	K.DNFYGVQFHPER.S	16
PHEAT+3862	proteomics_heat	2093149	2093193	+	1	4	V.MIIPALDLIDGTVVR.L	19
PHEAT+3863	proteomics_heat	2093194	2093217	+	1	7	R.LHQGDYQK.Q	12
PHEAT+3864	proteomics_heat	2093224	2093250	+	1	4	R.DYGNDPLPR.L	13
PHEAT+3865	proteomics_heat	2093248	2093325	+	1	2	P.RLQDYAAQGAEVLHLVLDLTGAKDPAK.R	30
PHEAT+3866	proteomics_heat	2093251	2093328	+	1	3	R.LQDYAAQGAEVLHLVLDLTGAKDPAKR.Q	30

PHEAT+3867	proteomics_heat	2093251	2093325	+	1	2	R.LQDYAAQGAEVHLVLDLTGAKDPAK.R	29
PHEAT+3868	proteomics_heat	2093251	2093313	+	1	2	R.LQDYAAQGAEVHLVLDLTGAK.D	25
PHEAT+3869	proteomics_heat	2093347	2093397	+	1	3	K.TLVAGVNVVPVQVGGGVR.S	21
PHEAT+3870	proteomics_heat	2093398	2093442	+	1	2	R.SEEDVAALLEAGVAR.V	19
PHEAT+3871	proteomics_heat	2093563	2093646	+	1	8	K.QVAVSGWQENSGVSLEQLVETYLPVGLK.H	32
PHEAT+3872	proteomics_heat	2093647	2093673	+	1	6	K.HVLCTDISR.D	13
PHEAT+3873	proteomics_heat	2093674	2093727	+	1	6	R.DGTLAGSNVSLYEEVCAR.Y	22
PHEAT+3874	proteomics_heat	2093940	2093978	+	3	7	R.NHEIIGDIVPLAK.R	17
PHEAT+3875	proteomics_heat	2094072	2094119	+	3	5	R.VAEVIDIPFCVAGGIK.S	20
PHEAT+3876	proteomics_heat	2094165	2094212	+	3	5	K.ISINSPALADPTLITR.L	20
PHEAT+3877	proteomics_heat	2094285	2094320	+	3	7	K.YHVNQYTGDESR.T	16
PHEAT+3878	proteomics_heat	2094327	2094371	+	3	13	R.VTQWETLDWVQEVQK.R	19
PHEAT+3879	proteomics_heat	2094372	2094422	+	3	3	K.RGAGEIVLNMMNQDGVR.N	21
PHEAT+3880	proteomics_heat	2094375	2094422	+	3	3	R.GAGEIVLNMMNQDGVR.N	20
PHEAT+3881	proteomics_heat	2094423	2094452	+	3	3	R.NGYDLEQLKK.V	14
PHEAT+3882	proteomics_heat	2094459	2094530	+	3	8	R.EVCHVPLIASGGAGTMEHFLEAFR.D	28
PHEAT+3883	proteomics_heat	2094486	2094530	+	3	2	A.SGGAGTMEHFLEAFR.D	19
PHEAT+3884	proteomics_heat	2094576	2094602	+	3	2	K.QIINIGELK.A	13
PHEAT+3885	proteomics_heat	2094603	2094635	+	3	2	K.AYLATQGVEIR.I	15
PHEAT+3886	proteomics_heat	2094680	2094769	+	2	5	K.TDGLMPVIVQHAVSGEVLMLGYMNPALDK.T	34
PHEAT+3887	proteomics_heat	2094830	2094934	+	2	5	K.GETSGNFLNVVSIAPDCDNDTLVLANPIGPTCHK.G	39
PHEAT+3888	proteomics_heat	2095013	2095048	+	2	4	R.KSADPETSYAK.L	16
PHEAT+3889	proteomics_heat	2095016	2095048	+	2	5	K.SADPETSYAK.L	15
PHEAT+3890	proteomics_heat	2095085	2095135	+	2	7	K.VGEEGVETALAATVHDR.F	21
PHEAT+3891	proteomics_heat	2113012	2113059	+	1	11	H.EIVTTVNSDCRVINAR.F	20
PHEAT+3892	proteomics_heat	2136853	2136900	+	1	2	R.HDIEHIDLNAPEEEIR.Q	20
PHEAT+3893	proteomics_heat	2136931	2137011	+	1	17	R.LVVTDGDDAEDLLGVVHVIDLLQQSLR.G	31
PHEAT+3894	proteomics_heat	2146256	2146324	+	2	2	R.DVVFQYEPVAAGLDYEATLQEEK.R	27
PHEAT+3895	proteomics_heat	2152205	2152261	+	2	2	R.SGPLAPVQAATAVEQAVPR.Y	23
PHEAT+3896	proteomics_heat	2153087	2153122	+	2	2	K.HLVTPGIQDSQK.V	16
PHEAT+3897	proteomics_heat	2153201	2153245	+	2	2	K.VEVVEAQSATTPEEK.A	19
PHEAT+3898	proteomics_heat	2153272	2153382	+	1	2	R.RSTLLMQVLPPSSTGGPSRLFIMRPVATTLLMVAILL.A	41
PHEAT+3899	proteomics_heat	2162588	2162644	+	2	2	R.LLGLIEGADDYICKPYSR.E	23
PHEAT+3900	proteomics_heat	2162696	2162746	+	2	3	R.ELQQQDAESPLIIDEGR.F	21
PHEAT+3901	proteomics_heat	2163426	2163482	+	3	4	K.AANHQIIGSSQMYATAQSR.E	23
PHEAT+3902	proteomics_heat	2163692	2163733	+	2	3	I.MFKPELLSPAGTLK.N	18
PHEAT+3903	proteomics_heat	2163743	2163790	+	2	4	R.YAFAYGADAVYAGQPR.Y	20
PHEAT+3904	proteomics_heat	2163809	2163871	+	2	8	R.NNEFNHENLQLGINEAHALGK.K	25
PHEAT+3905	proteomics_heat	2163875	2163913	+	2	5	K.FYVVVNIAPHNAK.L	17
PHEAT+3906	proteomics_heat	2163932	2164006	+	2	9	R.DLKPVVEMGPDALIMSDPGLIMLVR.E	29
PHEAT+3907	proteomics_heat	2164007	2164075	+	2	4	R.EHFPEMPIHLSVQANAVNWATVK.F	27
PHEAT+3908	proteomics_heat	2164247	2164285	+	2	8	K.RDPNQGTCTNACR.W	17
PHEAT+3909	proteomics_heat	2164250	2164285	+	2	5	R.DPNQGTCTNACR.W	16
PHEAT+3910	proteomics_heat	2164286	2164342	+	2	2	R.WEYINVQEGKEDDVGNIVHK.Y	23
PHEAT+3911	proteomics_heat	2164610	2164687	+	2	2	R.KAIDDAAGKPFDTSLLETLEGLAHR.G	30
PHEAT+3912	proteomics_heat	2164613	2164687	+	2	4	K.AIDDAAGKPFDTSLLETLEGLAHR.G	29

PHEAT+3913	proteomics_heat	2164715	2164768	+	2	4	R.HTHDDYQNYEYGYVSDR.Q	22
PHEAT+3914	proteomics_heat	2164802	2164831	+	2	5	R.KGDAAVAVK.N	14
PHEAT+3915	proteomics_heat	2168335	2168391	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+3916	proteomics_heat	2168335	2168391	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+3917	proteomics_heat	2168335	2168391	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+3918	proteomics_heat	2168335	2168391	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+3919	proteomics_heat	2168335	2168391	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+3920	proteomics_heat	2178465	2178524	+	3	2	R.DGKPVAELENNGVTNGAAMR.V	24
PHEAT+3921	proteomics_heat	2179080	2179100	+	3	2	A.TALAKYR.Q	11
PHEAT+3922	proteomics_heat	2192448	2192507	+	3	4	R.GHEVNFICADDAHGTPIMLK.A	24
PHEAT+3923	proteomics_heat	2192691	2192720	+	3	3	R.TISQLYDPEK.G	14
PHEAT+3924	proteomics_heat	2192691	2192741	+	3	2	R.TISQLYDPEKGMFLPDR.F	21
PHEAT+3925	proteomics_heat	2192772	2192846	+	3	3	K.SPDQYGDNCVCGATYSPTELIEPK.S	29
PHEAT+3926	proteomics_heat	2192847	2192879	+	3	3	K.SVVSATPVMR.D	15
PHEAT+3927	proteomics_heat	2192943	2192975	+	3	7	R.SGALQEQVANK.M	15
PHEAT+3928	proteomics_heat	2192976	2193023	+	3	15	K.MQEFWESGLQQWDISR.D	20
PHEAT+3929	proteomics_heat	2193024	2193068	+	3	7	R.DAPYFGFEIPNAPGK.Y	19
PHEAT+3930	proteomics_heat	2193069	2193119	+	3	5	K.YFYVWLDAPIGYMGSK.N	21
PHEAT+3931	proteomics_heat	2193135	2193170	+	3	6	K.RGDSVSFDEYWK.K	16
PHEAT+3932	proteomics_heat	2193171	2193209	+	3	10	K.KDSTAELYHFIGK.D	17
PHEAT+3933	proteomics_heat	2193174	2193209	+	3	3	K.DSTAELYHFIGK.D	16
PHEAT+3934	proteomics_heat	2193225	2193269	+	3	2	F.HSLFWPAMLEGSNFR.K	19
PHEAT+3935	proteomics_heat	2193351	2193392	+	3	4	K.ASTWLNHFADSLR.Y	18
PHEAT+3936	proteomics_heat	2193423	2193464	+	3	5	R.IDDIDLNLEDFVQR.V	18
PHEAT+3937	proteomics_heat	2193465	2193488	+	3	7	R.VNADIVNK.V	12
PHEAT+3938	proteomics_heat	2193510	2193530	+	3	2	R.NAGFINK.R	11
PHEAT+3939	proteomics_heat	2193531	2193581	+	3	7	K.RFDGVLASELADPQLYK.T	21
PHEAT+3940	proteomics_heat	2193534	2193581	+	3	3	R.FDGVLASELADPQLYK.T	20
PHEAT+3941	proteomics_heat	2193582	2193629	+	3	13	K.TFTDAAEVIGEAWESR.E	20
PHEAT+3942	proteomics_heat	2193651	2193683	+	3	2	R.EIMALADLANR.Y	15
PHEAT+3943	proteomics_heat	2193684	2193719	+	3	2	R.YVDEQAPWVVK.Q	16
PHEAT+3944	proteomics_heat	2193732	2193779	+	3	3	R.DADLQAICSMGINLFR.V	20
PHEAT+3945	proteomics_heat	2193780	2193815	+	3	3	R.VLMTYLKPVLPK.L	16
PHEAT+3946	proteomics_heat	2193828	2193893	+	3	10	R.AEAFNLTELTWDGIQQPLLGHK.V	26
PHEAT+3947	proteomics_heat	2193936	2193977	+	3	6	R.QVEALVEASKEEVK.A	18
PHEAT+3948	proteomics_heat	2193978	2194055	+	3	10	K.AAAAPVTGPLADDPIQETITFDDFAK.V	30
PHEAT+3949	proteomics_heat	2194068	2194112	+	3	6	R.VALIENAEFVEGSDK.L	19
PHEAT+3950	proteomics_heat	2194209	2194241	+	3	8	R.HTIMVANLAPR.K	15
PHEAT+3951	proteomics_heat	2194251	2194298	+	3	3	R.FGISEGMVMAAGPGGK.D	20
PHEAT+3952	proteomics_heat	2194299	2194352	+	3	5	K.DIFLLSPDAGAKPGHQVK.-	22
PHEAT+3953	proteomics_heat	2194299	2194334	+	3	2	K.DIFLLSPDAGAK.P	16
PHEAT+3954	proteomics_heat	2204845	2204916	+	1	3	K.DVTCELERTAISLPAELTLNRFPT.D	28
PHEAT+3955	proteomics_heat	2214433	2214513	+	1	4	R.QPENQRHKQSNEPEQRIAQHLHTLTPP.P	31
PHEAT+3956	proteomics_heat	2220261	2220299	+	3	5	R.LVGSSHLLTDPK.T	17
PHEAT+3957	proteomics_heat	2220327	2220386	+	3	11	R.SGQGDALAVVFPGLLELWR.V	24
PHEAT+3958	proteomics_heat	2220516	2220593	+	3	2	R.LDKLHVLGKGEQVLAYPGTTLYSLEK.A	30

PHEAT+3959	proteomics_heat	2220543	2220593	+	3	3	K.GEQVLAYPGTTLYSLEK.A	21
PHEAT+3960	proteomics_heat	2220759	2220821	+	3	3	K.LTLVNHLGIDLGETPEQILSK.L	25
PHEAT+3961	proteomics_heat	2220900	2220932	+	3	3	R.VRDIEADTPAR.Y	15
PHEAT+3962	proteomics_heat	2220906	2220932	+	3	6	R.DIEADTPAR.Y	13
PHEAT+3963	proteomics_heat	2220933	2220983	+	3	4	R.YNADPDRLFESSGCAGK.L	21
PHEAT+3964	proteomics_heat	2221029	2221088	+	3	2	K.NQQVFYIGTNQPEVLTEIRR.H	24
PHEAT+3965	proteomics_heat	2221089	2221142	+	3	5	R.HILANFENLPVAGEYMHR.D	22
PHEAT+3966	proteomics_heat	2221392	2221421	+	3	2	K.MAGDGVGEAK.S	14
PHEAT+3967	proteomics_heat	2221446	2221493	+	3	2	K.QAEGDFFVCTPEEGSK.A	20
PHEAT+3968	proteomics_heat	2221596	2221658	+	3	3	R.RNDTEWYEHLPEIDSQVLVHK.L	25
PHEAT+3969	proteomics_heat	2221836	2221886	+	3	4	K.FYRENDPTNSMNPBGIGK.T	21
PHEAT+3970	proteomics_heat	2221845	2221886	+	3	6	R.ENDPTNSMNPBGIGK.T	18
PHEAT+3971	proteomics_heat	2229878	2229991	+	2	6	R.FQTAFACLADNLQSALEPILADKYFPALLTGEQVSSLK.S	42
PHEAT+3972	proteomics_heat	2229878	2229946	+	2	6	R.FQTAFACLADNLQSALEPILADK.Y	27
PHEAT+3973	proteomics_heat	2229947	2229991	+	2	2	K.YFPALLTGEQVSSLK.S	19
PHEAT+3974	proteomics_heat	2229992	2230060	+	2	5	K.SATGLDEDALAFALLPLAAACAR.T	27
PHEAT+3975	proteomics_heat	2230385	2230468	+	2	3	K.TLLMDEQDHGYALTGDALSQAIAAANR.S	32
PHEAT+3976	proteomics_heat	2230490	2230519	+	2	2	K.SPSGVALECK.D	14
PHEAT+3977	proteomics_heat	2230529	2230615	+	2	3	R.IFSGSYAENAAFNPPLPPLQGALILLNLK.G	33
PHEAT+3978	proteomics_heat	2230709	2230735	+	2	2	K.ALGCHSIDR.V	13
PHEAT+3979	proteomics_heat	2231212	2231271	+	1	3	K.DLIAAGVDPSPDIVLDYAGFR.T	24
PHEAT+3980	proteomics_heat	2241932	2241955	+	2	2	R.MEMLEEHR.C	12
PHEAT+3981	proteomics_heat	2242046	2242117	+	2	5	R.DHTPPPVLVYWLGLTCNDENFTTK.A	28
PHEAT+3982	proteomics_heat	2242193	2242279	+	2	2	K.VANDDGYDLGQGAGFYLNATQPPWATHYR.M	33
PHEAT+3983	proteomics_heat	2242280	2242345	+	2	3	R.MYDYLRDELPAVQSQFNVS DR.C	26
PHEAT+3984	proteomics_heat	2242298	2242345	+	2	2	R.DELPALVQSQFNVS DR.C	20
PHEAT+3985	proteomics_heat	2242415	2242477	+	2	2	K.YTSVSAFAPIVNPCSVPWGIK.A	25
PHEAT+3986	proteomics_heat	2242679	2242741	+	2	4	R.IQPGYDHSYFIASFIEDHLR.F	25
PHEAT+3987	proteomics_heat	2244039	2244071	+	3	5	S.KIVILIRCPGK.F	15
PHEAT+3988	proteomics_heat	2248868	2248921	+	2	4	K.YIGAHVSAAGGLANAIR.A	22
PHEAT+3989	proteomics_heat	2249036	2249119	+	2	5	K.YHYTSAQILPHDSYLINLGHVPTEALEK.S	32
PHEAT+3990	proteomics_heat	2249270	2249332	+	2	2	K.TQGVTAIENTAGQGSNLGFK.F	25
PHEAT+3991	proteomics_heat	2249333	2249374	+	2	2	K.FEHLAAIIDGVEDK.S	18
PHEAT+3992	proteomics_heat	2249501	2249524	+	2	2	R.GMHLNDAK.S	12
PHEAT+3993	proteomics_heat	2263499	2263525	+	2	4	K.GMVLNYPNGK.L	13
PHEAT+3994	proteomics_heat	2263541	2263570	+	2	7	K.DIDIQSPTAR.G	14
PHEAT+3995	proteomics_heat	2263613	2263636	+	2	6	R.TGLKVEER.F	12
PHEAT+3996	proteomics_heat	2263637	2263678	+	2	9	R.FKGDDIVDTVTLTR.R	18
PHEAT+3997	proteomics_heat	2263928	2263996	+	2	13	R.NKPATLSTGLVIQVPEYLSPEK.I	27
PHEAT+3998	proteomics_heat	2265896	2265943	+	2	2	K.TTSILHLLAHKDPNEK.W	20
PHEAT+3999	proteomics_heat	2266148	2266201	+	2	2	K.QILDLLTAPVYEPWIDL.R	22
PHEAT+4000	proteomics_heat	2266271	2266309	+	2	2	R.DQLAAADIIVANK.S	17
PHEAT+4001	proteomics_heat	2275252	2275296	+	1	2	R.AGETLGLVGESGSGK.S	19
PHEAT+4002	proteomics_heat	2278831	2278857	+	1	2	K.ELVAQNHAKE.Y	13
PHEAT+4003	proteomics_heat	2280539	2280565	+	2	8	E.MFTINAEVR.K	13
PHEAT+4004	proteomics_heat	2280539	2280568	+	2	2	E.MFTINAEVRK.E	14



PHEAT+4005	proteomics_heat	2280602	2280640	+	2	47	R.AANKFPAAIYGK.E	17
PHEAT+4006	proteomics_heat	2280614	2280640	+	2	3	K.FPAIYGK.E	13
PHEAT+4007	proteomics_heat	2280641	2280697	+	2	7	K.EAPLAIELDHDKVMNQAK.A	23
PHEAT+4008	proteomics_heat	2280641	2280676	+	2	12	K.EAPLAIELDHDK.V	16
PHEAT+4009	proteomics_heat	2280695	2280742	+	2	8	A.KAEFYSEVLTIVVDGK.E	20
PHEAT+4010	proteomics_heat	2280698	2280742	+	2	105	K.AEFYSEVLTIVVDGK.E	19
PHEAT+4011	proteomics_heat	2280752	2280775	+	2	7	K.VKAQDVQR.H	12
PHEAT+4012	proteomics_heat	2280794	2280820	+	2	4	K.LQHIDFVRA.-	13
PHEAT+4013	proteomics_heat	2280794	2280817	+	2	7	K.LQHIDFVR.A	12
PHEAT+4014	proteomics_heat	2282169	2282225	+	3	3	R.YSDEQVEQLLAELLNVEK.H	23
PHEAT+4015	proteomics_heat	2282226	2282312	+	3	6	K.HKAPTDLSLMVLGNMVTNLINTSIAPAQR.Q	33
PHEAT+4016	proteomics_heat	2282232	2282312	+	3	7	K.APTDLSLMVLGNMVTNLINTSIAPAQR.Q	31
PHEAT+4017	proteomics_heat	2282340	2282375	+	3	10	R.ALQSSINEDKAH.-	16
PHEAT+4018	proteomics_heat	2283058	2283090	+	1	3	K.HGLLDAQEYQR.R	15
PHEAT+4019	proteomics_heat	2283850	2283900	+	1	2	R.INALTDHTDMLMTLMQR.L	21
PHEAT+4020	proteomics_heat	2288525	2288578	+	2	4	M.PEATPFQVMIVDDHPLMR.R	22
PHEAT+4021	proteomics_heat	2288591	2288671	+	2	2	R.QLLEDPGSEVVAEAGDGASIDLNR.L	31
PHEAT+4022	proteomics_heat	2306953	2306979	+	1	2	I.RFVFILMQR.Q	13
PHEAT+4023	proteomics_heat	2312056	2312097	+	1	4	R.RAEMLQQANALDER.E	18
PHEAT+4024	proteomics_heat	2312257	2312301	+	1	2	R.LEPDATATGNNDNEK.E	19
PHEAT+4025	proteomics_heat	2312518	2312562	+	1	2	R.STENVPSTAVNNELR.I	19
PHEAT+4026	proteomics_heat	2312572	2312640	+	1	6	R.AINEEIVSLLPLGLLVHDQESNR.T	27
PHEAT+4027	proteomics_heat	2312911	2312967	+	1	4	K.NIGDALKEPAQSLAESAAK.L	23
PHEAT+4028	proteomics_heat	2313022	2313072	+	1	2	R.LVDEIQLANMLADDSWK.S	21
PHEAT+4029	proteomics_heat	2313073	2313144	+	1	10	K.SETVLFVQDLIDEVPSVLPAIK.R	28
PHEAT+4030	proteomics_heat	2313073	2313147	+	1	2	K.SETVLFVQDLIDEVPSVLPAIKR.K	29
PHEAT+4031	proteomics_heat	2313424	2313465	+	1	3	K.ADPLAFWLSDQLAR.K	18
PHEAT+4032	proteomics_heat	2313688	2313783	+	1	4	R.LISQDYDIFLTDNPSNLTASGLLSDESQVGR.E	36
PHEAT+4033	proteomics_heat	2314199	2314258	+	2	9	Y.MNNMNVIADDHPIVLFGR.K	24
PHEAT+4034	proteomics_heat	2314259	2314339	+	2	3	R.KSLEQIEWVNVVGEFEDSTALINNLPK.L	31
PHEAT+4035	proteomics_heat	2314262	2314339	+	2	11	K.SLEQIEWVNVVGEFEDSTALINNLPK.L	30
PHEAT+4036	proteomics_heat	2314340	2314414	+	2	7	K.LDAHVLITDLSMPGDYGDGITLIK.Y	29
PHEAT+4037	proteomics_heat	2314619	2314648	+	2	6	K.ISAGGYGDKR.L	14
PHEAT+4038	proteomics_heat	2314775	2314846	+	2	15	K.LGVENDIALLNYLSSVTLSPADKD.-	28
PHEAT+4039	proteomics_heat	2337604	2337645	+	1	7	K.SPVNHNVDHEEIAK.F	18
PHEAT+4040	proteomics_heat	2337667	2337705	+	1	5	R.WWDLEGEFKPLHR.I	17
PHEAT+4041	proteomics_heat	2337766	2337816	+	1	2	K.VLDVCGGGILAESMAR.E	21
PHEAT+4042	proteomics_heat	2337817	2337873	+	1	4	R.EGATVTGLDMGFPLQVAK.L	23
PHEAT+4043	proteomics_heat	2337874	2337942	+	1	14	K.LHALESIGVDYVQETVEEHAAK.H	27
PHEAT+4044	proteomics_heat	2337943	2338017	+	1	8	K.HAGQYDVVTCMEMLEHVDPQSVVR.A	29
PHEAT+4045	proteomics_heat	2338018	2338074	+	1	3	R.ACAQLVKPGGDVFFSTLNR.N	23
PHEAT+4046	proteomics_heat	2338159	2338209	+	1	3	K.FIKPAELLGWWVQTSK.E	21
PHEAT+4047	proteomics_heat	2338261	2338308	+	1	2	K.LPGVDVNYMLHTQNK.-	20
PHEAT+4048	proteomics_heat	2342959	2343018	+	1	2	R.VLDWAAEGLHNVSISQVELR.S	24
PHEAT+4049	proteomics_heat	2343019	2343048	+	1	11	R.SHIQFYDGIK.T	14
PHEAT+4050	proteomics_heat	2343049	2343078	+	1	6	K.TSDIHETIIK.A	14

PHEAT+4051	proteomics_heat	2343103	2343135	+	1	6	R.DAPDYQYLAAR.L	15
PHEAT+4052	proteomics_heat	2343160	2343210	+	1	3	K.KAYGQFEPALYDHVVK.M	21
PHEAT+4053	proteomics_heat	2343163	2343210	+	1	4	K.AYGQFEPALYDHVVK.M	20
PHEAT+4054	proteomics_heat	2343229	2343273	+	1	6	K.YDNHLLLEDYTEEEFK.Q	19
PHEAT+4055	proteomics_heat	2343472	2343498	+	1	2	R.FYDAVSTFK.I	13
PHEAT+4056	proteomics_heat	2343694	2343735	+	1	11	R.GGEAFHTGCIPFYK.H	18
PHEAT+4057	proteomics_heat	2343880	2343909	+	1	6	R.HMDYGVQINK.L	14
PHEAT+4058	proteomics_heat	2343925	2344017	+	1	17	R.LLKGEDITLFSPSDVPGLYDAFFADQEEFER.L	35
PHEAT+4059	proteomics_heat	2343934	2344017	+	1	6	K.GEDITLFSPSDVPGLYDAFFADQEEFER.L	32
PHEAT+4060	proteomics_heat	2344030	2344056	+	1	2	K.YEKDDSIK.K	13
PHEAT+4061	proteomics_heat	2344120	2344188	+	1	4	R.IYIQNVHDHCNTHSPFDPAIAPVR.Q	27
PHEAT+4062	proteomics_heat	2344348	2344398	+	1	5	R.ALDALLDYQDYPIPAK.R	21
PHEAT+4063	proteomics_heat	2344477	2344512	+	1	10	R.YSDGSGANNLTHK.T	16
PHEAT+4064	proteomics_heat	2344567	2344611	+	1	2	K.EQGACPWNETTYAK.G	19
PHEAT+4065	proteomics_heat	2344642	2344695	+	1	4	K.DLDTIANEPLHYDWEALR.E	22
PHEAT+4066	proteomics_heat	2344723	2344803	+	1	3	R.NSTLSALMPSETSSQISNATNGIEPPR.G	31
PHEAT+4067	proteomics_heat	2344948	2344995	+	1	7	K.FIDQISISANTNYDPSR.F	20
PHEAT+4068	proteomics_heat	2345092	2345166	+	1	2	R.DGAEDAQDDLVPISIQDDGCESGACK.I	29
PHEAT+4069	proteomics_heat	2345092	2345169	+	1	6	R.DGAEDAQDDLVPISIQDDGCESGACKI.-	30
PHEAT+4070	proteomics_heat	2345436	2345489	+	3	4	K.NDQLKEPMFFGQPVNVAR.Y	22
PHEAT+4071	proteomics_heat	2345490	2345522	+	3	4	R.YDQQKYDIFEK.L	15
PHEAT+4072	proteomics_heat	2345535	2345579	+	3	3	K.QLSFFWRPEEVDVSR.D	19
PHEAT+4073	proteomics_heat	2345580	2345618	+	3	3	R.DRIDYQALPEHEK.H	17
PHEAT+4074	proteomics_heat	2345586	2345618	+	3	4	R.IDYQALPEHEK.H	15
PHEAT+4075	proteomics_heat	2345643	2345675	+	3	2	K.YQTLSDSIQGR.S	15
PHEAT+4076	proteomics_heat	2345790	2345852	+	3	3	R.NIVNDPSVVFDDIVTNEQIQK.R	25
PHEAT+4077	proteomics_heat	2346117	2346167	+	3	6	R.DEALHLTGTQHMLNLLR.S	21
PHEAT+4078	proteomics_heat	2346168	2346215	+	3	2	R.SGADDPMAEIAEECK.Q	20
PHEAT+4079	proteomics_heat	2346285	2346311	+	3	8	R.DGSMIGLNK.D	13
PHEAT+4080	proteomics_heat	2346312	2346353	+	3	14	K.DILCQYVEYITNIR.M	18
PHEAT+4081	proteomics_heat	2346354	2346392	+	3	2	R.MQAVGLDLPFQTR.S	17
PHEAT+4082	proteomics_heat	2356490	2356534	+	2	6	C.HTGPDITLTVGRIAR.G	19
PHEAT+4083	proteomics_heat	2379870	2379923	+	3	2	R.SMSGIIQPLTIYGPGIR.E	22
PHEAT+4084	proteomics_heat	2379948	2380028	+	3	4	R.ISGSWTDYPLEIVEIGAGEILDDGLRK.V	31
PHEAT+4085	proteomics_heat	2379948	2380025	+	3	2	R.ISGSWTDYPLEIVEIGAGEILDDGLR.K	30
PHEAT+4086	proteomics_heat	2380077	2380124	+	3	2	R.IEEHDKPGALNAQALK.A	20
PHEAT+4087	proteomics_heat	2380245	2380301	+	3	2	K.ALAIFGDTGPCDAALDLAK.G	23
PHEAT+4088	proteomics_heat	2405601	2405636	+	3	2	K.SSKLENCYDIR.G	16
PHEAT+4089	proteomics_heat	2405694	2405762	+	3	5	K.LNIGNPAPFGFDAPDEILVDVIR.N	27
PHEAT+4090	proteomics_heat	2406093	2406143	+	3	2	R.GIVIIINPNNPTGAVYSK.E	21
PHEAT+4091	proteomics_heat	2406219	2406302	+	3	3	K.ILYDDAEHHSIAPLAPDLLTITFNLSK.T	32
PHEAT+4092	proteomics_heat	2406519	2406569	+	3	2	R.AWELINDIPGVSCVKPR.G	21
PHEAT+4093	proteomics_heat	2407064	2407132	+	2	3	R.IALLAMYHDASEVLTGDLPTPVK.Y	27
PHEAT+4094	proteomics_heat	2407193	2407273	+	2	2	K.LVDMVPEELRDIFAPLIDEHAYSDEEK.S	31
PHEAT+4095	proteomics_heat	2411504	2411542	+	2	3	K.LVLVLNCGSSSLK.F	17
PHEAT+4096	proteomics_heat	2411543	2411620	+	2	37	K.FAIDAVNGEYLSGLAECFHLPEAR.I	30

PHEAT+4097	proteomics_heat	2411648	2411764	+	2	3	K.QEAALGAGAAHSEALNFIVNTILAQKPELSAQLTAIGHR.I	43
PHEAT+4098	proteomics_heat	2411786	2411833	+	2	3	K.YTSSVVIDESVIQGIK.D	20
PHEAT+4099	proteomics_heat	2411834	2411899	+	2	3	K.DAASFAPLHNPAHLIGIEEALK.S	26
PHEAT+4100	proteomics_heat	2411924	2412007	+	2	2	K.NVAVFDTAHFQTMPEESYLYALPYNLYK.E	32
PHEAT+4101	proteomics_heat	2412026	2412076	+	2	3	R.YGAHGTSHFYVTQEAAK.M	21
PHEAT+4102	proteomics_heat	2412077	2412154	+	2	19	K.MLNKPVEELNIITCHLGNNGSVSAIR.N	30
PHEAT+4103	proteomics_heat	2412101	2412154	+	2	13	E.LNIITCHLGNNGSVSAIR.N	22
PHEAT+4104	proteomics_heat	2412134	2412220	+	2	2	G.GSVSAIRNGKCVDTSMGLTPLEGLVMGTR.S	33
PHEAT+4105	proteomics_heat	2412164	2412220	+	2	3	K.CVDTSMGLTPLEGLVMGTR.S	23
PHEAT+4106	proteomics_heat	2412221	2412295	+	2	2	R.SGDIDPAIIFHLHDTLGMSSVDAINK.L	29
PHEAT+4107	proteomics_heat	2412308	2412352	+	2	4	K.ESGLLGLTEVTSDCR.Y	19
PHEAT+4108	proteomics_heat	2412353	2412379	+	2	5	R.YVEDNYATK.E	13
PHEAT+4109	proteomics_heat	2412464	2412517	+	2	5	R.LDAVVFTGGIGENAAMVR.E	22
PHEAT+4110	proteomics_heat	2412536	2412571	+	2	2	K.LGVLFGEVDHER.N	16
PHEAT+4111	proteomics_heat	2412614	2412682	+	2	11	K.EGTRPAVVIPTNEELVIAQDASR.L	27
PHEAT+4112	proteomics_heat	2412778	2412831	+	1	3	R.IIMLIPTGTSVGLTSVSL.G	22
PHEAT+4113	proteomics_heat	2412868	2412900	+	1	3	R.LSVFKPIAQPR.T	15
PHEAT+4114	proteomics_heat	2412901	2412942	+	1	11	R.TGGDAPDQTTTIVR.A	18
PHEAT+4115	proteomics_heat	2412943	2412981	+	1	3	R.ANSSTTTAAEPLK.M	17
PHEAT+4116	proteomics_heat	2412982	2413020	+	1	3	K.MSYVEGLLSSNQK.D	17
PHEAT+4117	proteomics_heat	2413021	2413068	+	1	8	K.DVLMEEIVANYHANTK.D	20
PHEAT+4118	proteomics_heat	2413069	2413113	+	1	5	K.DAEVVLVEGLVPTRK.H	19
PHEAT+4119	proteomics_heat	2413114	2413152	+	1	13	K.HQFAQSLNYEIAK.T	17
PHEAT+4120	proteomics_heat	2413153	2413221	+	1	3	K.TLNAEIVFVMSQGTDTPEQLKER.I	27
PHEAT+4121	proteomics_heat	2413291	2413320	+	1	4	K.LNAPVDEQGR.T	14
PHEAT+4122	proteomics_heat	2413321	2413362	+	1	5	R.TRPDLSEIFDDSSK.A	18
PHEAT+4123	proteomics_heat	2413363	2413392	+	1	2	K.AKVNNVDPK.L	14
PHEAT+4124	proteomics_heat	2413393	2413461	+	1	8	K.LQESSPLPLVGLAVPWSFDLIATR.A	27
PHEAT+4125	proteomics_heat	2413480	2413524	+	1	12	R.HLNATIINEGDINTR.R	19
PHEAT+4126	proteomics_heat	2413480	2413527	+	1	2	R.HLNATIINEGDINTRR.V	20
PHEAT+4127	proteomics_heat	2413948	2413971	+	1	4	R.YQLTELAR.K	12
PHEAT+4128	proteomics_heat	2414230	2414355	+	1	18	R.EQLEDNVVLGTLMLEQDEVDGLVSGAVHTTANTIRPPLQLIK.T	46
PHEAT+4129	proteomics_heat	2414524	2414580	+	1	5	R.VAMLSYSTGTSGAGSDVEK.V	23
PHEAT+4130	proteomics_heat	2414614	2414679	+	1	6	K.RPDLMIDGPLQYDAAVMADVAK.S	26
PHEAT+4131	proteomics_heat	2414680	2414712	+	1	2	K.SKAPNSPVAGR.A	15
PHEAT+4132	proteomics_heat	2414713	2414763	+	1	5	R.ATVFIFPDLNTGNTTYK.A	21
PHEAT+4133	proteomics_heat	2414776	2414820	+	1	2	R.SADLISIGPMLQGMK.K	19
PHEAT+4134	proteomics_heat	2414821	2414844	+	1	3	R.KPVNDLSR.G	12
PHEAT+4135	proteomics_heat	2414845	2414910	+	1	8	R.GALVDDIVYTIALTAIQSAQQQ.-	26
PHEAT+4136	proteomics_heat	2419395	2419433	+	3	6	R.TFIGIKEEEINNR.Q	17
PHEAT+4137	proteomics_heat	2419434	2419478	+	3	2	R.QDIVINVTIHYPADK.A	19
PHEAT+4138	proteomics_heat	2419485	2419520	+	3	6	R.TSEDINDALNYR.T	16
PHEAT+4139	proteomics_heat	2419533	2419562	+	3	10	K.NIIQHVENNR.F	14
PHEAT+4140	proteomics_heat	2419581	2419610	+	3	4	K.LTQDVLDIAR.E	14
PHEAT+4141	proteomics_heat	2419611	2419652	+	3	3	R.EHHWVTYAEVEIDK.L	18
PHEAT+4142	proteomics_heat	2419787	2419825	+	2	3	R.LLELGHQITVVTR.N	17

PHEAT+4143	proteomics_heat	2419862	2419954	+	2	3	R.VTLWQGLADQSNLNGVDVINLAGEPIADKR.W	35
PHEAT+4144	proteomics_heat	2439852	2439902	+	3	3	R.DFDDVYFSNDNGLEETR.Y	21
PHEAT+4145	proteomics_heat	2440038	2440067	+	3	3	R.EAHPQQLQR.L	14
PHEAT+4146	proteomics_heat	2441355	2441402	+	3	5	R.GSEDTAYSEDDQQQNR.Q	20
PHEAT+4147	proteomics_heat	2446892	2446954	+	2	4	R.RGDYSPFLDLHGLTQLQAK.Q	25
PHEAT+4148	proteomics_heat	2459448	2459498	+	3	6	R.AYSGEGAIADDAGNVS.R	21
PHEAT+4149	proteomics_heat	2459991	2460068	+	3	3	K.IAHLNGNQWFGWNAGILYELDKNNR.Y	30
PHEAT+4150	proteomics_heat	2460429	2460473	+	3	2	R.TGIAFDDSPVPAQNR.S	19
PHEAT+4151	proteomics_heat	2461316	2461393	+	2	2	Q.EPIELPANYKDKELVRTIINDNIVEK.T	30
PHEAT+4152	proteomics_heat	2466368	2466439	+	2	12	K.DATESIINALAVSDPLVVPLSFTR.N	28
PHEAT+4153	proteomics_heat	2467255	2467317	+	1	7	R.AIKPLIEDIPAFTYDLPLLYK.L	25
PHEAT+4154	proteomics_heat	2467858	2467896	+	1	2	K.YHATYFGSYLYMK.N	17
PHEAT+4155	proteomics_heat	2477293	2477388	+	1	2	K.ETTWFNPGTTSLAEGLPYVGLTEQDVQDAHAR.L	36
PHEAT+4156	proteomics_heat	2478016	2478099	+	1	2	R.IVDADNPLFVYLPCGVGGGGPVGVAFLK.L	32
PHEAT+4157	proteomics_heat	2478469	2478543	+	1	2	R.NTTHLVWATGGGMVPEEEMNQYLAK.G	29
PHEAT+4158	proteomics_heat	2481777	2481827	+	3	4	S.MNAIIDDHPLAIAAIR.N	21
PHEAT+4159	proteomics_heat	2482044	2482085	+	3	2	K.HCADAGANGFVSKK.E	18
PHEAT+4160	proteomics_heat	2482044	2482082	+	3	2	K.HCADAGANGFVSK.K	17
PHEAT+4161	proteomics_heat	2482083	2482127	+	3	2	K.KEGMNNIIAAIEAAK.N	19
PHEAT+4162	proteomics_heat	2482236	2482277	+	3	3	R.YILDGKDNNDIAEK.M	18
PHEAT+4163	proteomics_heat	2509180	2509269	+	1	21	V.TTGIAIMSGAKTVGGVMIMATTVAGISVKR.M	34
PHEAT+4164	proteomics_heat	2511463	2511528	+	1	2	K.LESFNAVSSLILGQSENFIAFK.D	26
PHEAT+4165	proteomics_heat	2512353	2512430	+	3	3	P.MNYSHDNWSAILAHIGKPEELDTSAR.N	30
PHEAT+4166	proteomics_heat	2512353	2512430	+	3	3	P.MNYSHDNWSAILAHIGKPEELDTSAR.N	30
PHEAT+4167	proteomics_heat	2512353	2512430	+	3	3	P.MNYSHDNWSAILAHIGKPEELDTSAR.N	30
PHEAT+4168	proteomics_heat	2530434	2530487	+	3	30	M.SKIFEDNSLTIGHTPLVR.L	22
PHEAT+4169	proteomics_heat	2530440	2530487	+	3	24	K.IFEDNSLTIGHTPLVR.L	20
PHEAT+4170	proteomics_heat	2530560	2530595	+	3	3	C.RIGANMIWDAEK.R	16
PHEAT+4171	proteomics_heat	2530563	2530595	+	3	7	R.IGANMIWDAEK.R	15
PHEAT+4172	proteomics_heat	2530563	2530598	+	3	19	R.IGANMIWDAEKR.G	16
PHEAT+4173	proteomics_heat	2530596	2530682	+	3	32	K.RGVLKPGVELVEPTSGNTGIALAYVAAAR.G	33
PHEAT+4174	proteomics_heat	2530596	2530667	+	3	2	K.RGVLKPGVELVEPTSGNTGIALAY.V	28
PHEAT+4175	proteomics_heat	2530599	2530682	+	3	153	R.GVLKPGVELVEPTSGNTGIALAYVAAAR.G	32
PHEAT+4176	proteomics_heat	2530599	2530667	+	3	3	R.GVLKPGVELVEPTSGNTGIALAY.V	27
PHEAT+4177	proteomics_heat	2530599	2530664	+	3	2	R.GVLKPGVELVEPTSGNTGIALA.Y	26
PHEAT+4178	proteomics_heat	2530683	2530730	+	3	3	R.GYKLTMPETMSIER.R	20
PHEAT+4179	proteomics_heat	2530692	2530730	+	3	12	K.LTLPETMSIER.R	17
PHEAT+4180	proteomics_heat	2530746	2530784	+	3	25	K.ALGANLVLTEGAK.G	17
PHEAT+4181	proteomics_heat	2530794	2530841	+	3	5	K.GAIQKAEIIVASNPEK.Y	20
PHEAT+4182	proteomics_heat	2530809	2530841	+	3	10	K.AEEIVASNPEK.Y	15
PHEAT+4183	proteomics_heat	2530842	2530895	+	3	36	K.YLLLQQFSNPANPEIHEK.T	22
PHEAT+4184	proteomics_heat	2530854	2530991	+	3	6	L.QQFSNPANPEIHEKTTGPEIWEDTDGQVDVFIAGVGTGGTLTGVS.R	50
PHEAT+4185	proteomics_heat	2530863	2530895	+	3	5	F.SNPANPEIHEK.T	15
PHEAT+4186	proteomics_heat	2530896	2530991	+	3	175	K.TTGPEIWEDTDGQVDVFIAGVGTGGTLTGVS.R	36
PHEAT+4187	proteomics_heat	2531010	2531108	+	3	43	K.GKTDLISVAVEPTDSPVIAQALAGEEIKPGPHK.I	37
PHEAT+4188	proteomics_heat	2531016	2531108	+	3	3	K.TDLISVAVEPTDSPVIAQALAGEEIKPGPHK.I	35

PHEAT+4189	proteomics_heat	2531043	2531108	+	3	6	E.PTDSPVIAQALAGEEIKPGPHK.I	26
PHEAT+4190	proteomics_heat	2531109	2531156	+	3	25	K.IQGIGAGFIPANLDLK.L	20
PHEAT+4191	proteomics_heat	2531157	2531210	+	3	40	K.LVDKIVIGITNEEAISTAR.R	22
PHEAT+4192	proteomics_heat	2531169	2531210	+	3	30	K.VIGITNEEAISTAR.R	18
PHEAT+4193	proteomics_heat	2531211	2531279	+	3	244	R.RLMEEEGILAGISSGAAVAAALK.L	27
PHEAT+4194	proteomics_heat	2531214	2531279	+	3	331	R.LMEEEGILAGISSGAAVAAALK.L	26
PHEAT+4195	proteomics_heat	2531280	2531309	+	3	8	K.LQEDESFTNK.N	14
PHEAT+4196	proteomics_heat	2531310	2531345	+	3	10	K.NIVVILPSSGER.Y	16
PHEAT+4197	proteomics_heat	2531346	2531387	+	3	113	R.YLSTALFADLFTEK.E	18
PHEAT+4198	proteomics_heat	2531346	2531399	+	3	14	R.YLSTALFADLFTEKELQQ.-	22
PHEAT+4199	proteomics_heat	2531786	2531857	+	2	60	T.MFQQEVTITAPNGLHTRPAAQFVK.E	28
PHEAT+4200	proteomics_heat	2531867	2531905	+	2	33	K.GFTSEITVTSNGK.S	17
PHEAT+4201	proteomics_heat	2531933	2532022	+	2	29	K.LQTLGLTQGTVVTISAEGEDEQKAVEHLVK.L	34
PHEAT+4202	proteomics_heat	2531933	2532001	+	2	23	K.LQTLGLTQGTVVTISAEGEDEQK.A	27
PHEAT+4203	proteomics_heat	2532088	2532132	+	1	6	V.MISGILASPGIAFGK.A	19
PHEAT+4204	proteomics_heat	2532130	2532171	+	1	2	G.KALLLKEDEVIDR.K	18
PHEAT+4205	proteomics_heat	2532133	2532171	+	1	22	K.ALLLKEDEVIDR.K	17
PHEAT+4206	proteomics_heat	2532133	2532174	+	1	18	K.ALLLKEDEVIDRK.K	18
PHEAT+4207	proteomics_heat	2532175	2532213	+	1	10	K.KISADQVDQEVER.F	17
PHEAT+4208	proteomics_heat	2532178	2532213	+	1	12	K.ISADQVDQEVER.F	16
PHEAT+4209	proteomics_heat	2532229	2532261	+	1	3	R.AKASAQLETIK.T	15
PHEAT+4210	proteomics_heat	2532235	2532261	+	1	3	K.ASAQLETIK.T	13
PHEAT+4211	proteomics_heat	2532268	2532294	+	1	4	K.AGETFGEEK.E	13
PHEAT+4212	proteomics_heat	2532268	2532315	+	1	2	K.AGETFGEEKEAIFEGH.I	20
PHEAT+4213	proteomics_heat	2532316	2532369	+	1	2	H.IMLLEDEELEQEIALIK.D	22
PHEAT+4214	proteomics_heat	2532370	2532459	+	1	3	K.DKHMTADAAAHEVIEGQASALEELDDEYLK.E	34
PHEAT+4215	proteomics_heat	2532370	2532465	+	1	5	K.DKHMTADAAAHEVIEGQASALEELDDEYLKER.A	36
PHEAT+4216	proteomics_heat	2532376	2532459	+	1	27	K.HMTADAAAHEVIEGQASALEELDDEYLK.E	32
PHEAT+4217	proteomics_heat	2532520	2532609	+	1	8	L.KIIDLSAIQDEVILVAADLTPSETAQLNLK.K	34
PHEAT+4218	proteomics_heat	2532523	2532612	+	1	131	K.IIDLSAIQDEVILVAADLTPSETAQLNLK.V	34
PHEAT+4219	proteomics_heat	2532523	2532609	+	1	138	K.IIDLSAIQDEVILVAADLTPSETAQLNLK.K	33
PHEAT+4220	proteomics_heat	2532610	2532645	+	1	6	K.KVLGFITDAGGR.T	16
PHEAT+4221	proteomics_heat	2532613	2532645	+	1	4	K.VLGFITDAGGR.T	15
PHEAT+4222	proteomics_heat	2532646	2532672	+	1	4	R.TSHTSIMAR.S	13
PHEAT+4223	proteomics_heat	2532673	2532726	+	1	23	R.SLELPAIVGTGVSQVK.N	22
PHEAT+4224	proteomics_heat	2532727	2532801	+	1	24	K.NDDYLILDVNNQVYVNPNTNEVIDK.M	29
PHEAT+4225	proteomics_heat	2532751	2532801	+	1	2	D.AVNNQVYVNPNTNEVIDK.M	21
PHEAT+4226	proteomics_heat	2532808	2532852	+	1	9	R.AVQEQVASEKAELAK.L	19
PHEAT+4227	proteomics_heat	2532808	2532837	+	1	8	R.AVQEQVASEK.A	14
PHEAT+4228	proteomics_heat	2532853	2532924	+	1	31	K.LKDLPAITLDGHQVEVCANIGTVR.D	28
PHEAT+4229	proteomics_heat	2532859	2532924	+	1	3	K.DLPAITLDGHQVEVCANIGTVR.D	26
PHEAT+4230	proteomics_heat	2532946	2532975	+	1	14	R.NGAEGVGLYR.T	14
PHEAT+4231	proteomics_heat	2532976	2533041	+	1	3	R.TEFLFMDRDALPTEEEQFAAYK.A	26
PHEAT+4232	proteomics_heat	2532976	2532999	+	1	4	R.TEFLFMDR.D	12
PHEAT+4233	proteomics_heat	2533000	2533041	+	1	19	R.DALPTEEEQFAAYK.A	18
PHEAT+4234	proteomics_heat	2533042	2533083	+	1	9	K.AVAEACGSQAVIVR.T	18

PHEAT+4235	proteomics_heat	2533084	2533134	+	1	7	R.TMDIGGDKELPYMNFPAK.E	21
PHEAT+4236	proteomics_heat	2533135	2533161	+	1	4	K.EENPFLGWR.A	13
PHEAT+4237	proteomics_heat	2533249	2533287	+	1	23	R.IMFPMIISVEEVR.A	17
PHEAT+4238	proteomics_heat	2533300	2533341	+	1	3	K.EIEIYKQELRDEGK.A	18
PHEAT+4239	proteomics_heat	2533342	2533407	+	1	22	K.AFDESIEIGVMVETPAAATIAR.H	26
PHEAT+4240	proteomics_heat	2533384	2533482	+	1	7	T.PAAATIARHLAKEVDFFSIGTNDLTQYTLAVDR.G	37
PHEAT+4241	proteomics_heat	2533420	2533482	+	1	21	K.EVDDFFSIGTNDLTQYTLAVDR.G	25
PHEAT+4242	proteomics_heat	2533483	2533545	+	1	15	R.GNDMISHLYQPMSPSVLNLIK.Q	25
PHEAT+4243	proteomics_heat	2533546	2533578	+	1	7	K.QVIDASHAEGK.W	15
PHEAT+4244	proteomics_heat	2533579	2533617	+	1	6	K.WTGMCGELAGDER.A	17
PHEAT+4245	proteomics_heat	2533726	2533788	+	1	13	K.VLAEQALAQPTTDELMTLVNK.F	25
PHEAT+4246	proteomics_heat	2533880	2533903	+	2	12	K.SLVSDDKK.D	12
PHEAT+4247	proteomics_heat	2533880	2533990	+	2	14	K.SLVSDDKKDTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	41
PHEAT+4248	proteomics_heat	2533901	2533990	+	2	13	K.KDTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	34
PHEAT+4249	proteomics_heat	2533904	2533990	+	2	198	K.DTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	33
PHEAT+4250	proteomics_heat	2533931	2533990	+	2	61	A.PLSGEIVNIEDVPDVVFAEK.I	24
PHEAT+4251	proteomics_heat	2533991	2534032	+	2	17	K.IVGDGIAIKPTGNK.M	18
PHEAT+4252	proteomics_heat	2534033	2534065	+	2	9	K.MVAPVDGTIGK.I	15
PHEAT+4253	proteomics_heat	2534195	2534248	+	2	42	R.VKVGDTVIEFDLPLEEK.A	22
PHEAT+4254	proteomics_heat	2534201	2534248	+	2	33	K.VGDTVIEFDLPLEEK.A	20
PHEAT+4255	proteomics_heat	2534255	2534311	+	2	30	K.STLTPVVISNMDEIKELIK.L	23
PHEAT+4256	proteomics_heat	2534255	2534299	+	2	5	K.STLTPVVISNMDEIK.E	19
PHEAT+4257	proteomics_heat	2534312	2534353	+	2	11	K.LSGSVTVGETPVIR.I	18
PHEAT+4258	proteomics_heat	2542421	2542489	+	2	8	R.AFDSCGYRRRVTHIGDNRRRTAMT.T	27
PHEAT+4259	proteomics_heat	2543924	2543986	+	2	2	R.VLPDIAAAIDVIHAQVSGGGR.L	25
PHEAT+4260	proteomics_heat	2550545	2550598	+	2	3	R.VVLDPGHGGIDTGAIGR.N	22
PHEAT+4261	proteomics_heat	2550743	2550796	+	2	4	K.HGADLFMSIHADGFTNPK.A	22
PHEAT+4262	proteomics_heat	2550902	2550970	+	2	4	K.KATDKDHLQVLFDLVQTDTIK.N	27
PHEAT+4263	proteomics_heat	2550905	2550970	+	2	3	K.ATDKDHLQVLFDLVQTDTIK.N	26
PHEAT+4264	proteomics_heat	2550971	2551003	+	2	2	K.NSLTLGSHILK.K	15
PHEAT+4265	proteomics_heat	2551787	2551837	+	2	2	R.GIGGLFFDDLNTPDFDR.C	21
PHEAT+4266	proteomics_heat	2562275	2562304	+	2	2	K.YHFSNETEFK.L	14
PHEAT+4267	proteomics_heat	2562326	2562373	+	2	2	R.ECANVAENNGFVLVGR.V	20
PHEAT+4268	proteomics_heat	2562698	2562727	+	2	2	K.GGVSHWLEGR.R	14
PHEAT+4269	proteomics_heat	2562872	2562895	+	2	2	R.DAIIDDLK.A	12
PHEAT+4270	proteomics_heat	2563055	2563138	+	2	6	K.KYSVGMMLCQVLAAMGGEYLGNNAGLQKQK.I	32
PHEAT+4271	proteomics_heat	2563058	2563138	+	2	4	K.YSVGMMLCQVLAAMGGEYLGNNAGLQKQK.I	31
PHEAT+4272	proteomics_heat	2576712	2576759	+	3	4	K.QFTTVVADSGDIESIR.H	20
PHEAT+4273	proteomics_heat	2576760	2576807	+	3	3	R.HYHPQDATTNPSLLLK.A	20
PHEAT+4274	proteomics_heat	2576805	2576864	+	3	2	L.KAAGLSQYEHLIDDAIAWGK.K	24
PHEAT+4275	proteomics_heat	2576808	2576867	+	3	4	K.AAGLSQYEHLIDDAIAWGK.N	24
PHEAT+4276	proteomics_heat	2576808	2576864	+	3	6	K.AAGLSQYEHLIDDAIAWGK.K	23
PHEAT+4277	proteomics_heat	2576877	2576912	+	3	5	K.TQEQQVVAACDK.L	16
PHEAT+4278	proteomics_heat	2577024	2577062	+	3	9	R.HLVDLYQQQGVK.S	17
PHEAT+4279	proteomics_heat	2577129	2577179	+	3	179	K.EGINCNLTLLFSFAQAR.A	21
PHEAT+4280	proteomics_heat	2577129	2577179	+	3	179	K.EGINCNLTLLFSFAQAR.A	21

PHEAT+4281	proteomics_heat	2577180	2577227	+	3	47	R.ACAEAGVFLISPFVGR.I	20
PHEAT+4282	proteomics_heat	2577180	2577227	+	3	47	R.ACAEAGVFLISPFVGR.I	20
PHEAT+4283	proteomics_heat	2577252	2577296	+	3	4	R.KPMDPYVVEEDPGVK.S	19
PHEAT+4284	proteomics_heat	2577369	2577407	+	3	4	R.RTEQILALTGCDR.L	17
PHEAT+4285	proteomics_heat	2577531	2577566	+	3	11	R.WEHNQDAMAVEK.L	16
PHEAT+4286	proteomics_heat	2577606	2577632	+	3	4	R.KLEDLLAAK.L	13
PHEAT+4287	proteomics_heat	2577691	2577717	+	1	3	R.ALSMDAVQK.A	13
PHEAT+4288	proteomics_heat	2577691	2577717	+	1	3	R.ALSMDAVQK.A	13
PHEAT+4289	proteomics_heat	2577718	2577792	+	1	10	K.ANSGHPGAPMGADIAEVLWDFLK.H	29
PHEAT+4290	proteomics_heat	2577943	2578047	+	1	4	K.TPGHPEIGYTPGVETTTGPLGQGLANAVGLAIAER.T	39
PHEAT+4291	proteomics_heat	2577976	2578047	+	1	4	P.GVETTTGPLGQGLANAVGLAIAER.T	28
PHEAT+4292	proteomics_heat	2578267	2578329	+	1	2	R.FEAYHWHVIHEIDGHDQPQAVK.E	25
PHEAT+4293	proteomics_heat	2578330	2578359	+	1	2	K.EAILEAQSVK.D	14
PHEAT+4294	proteomics_heat	2578417	2578476	+	1	2	K.AGKEEAHGAPLGEVEVALAR.Q	24
PHEAT+4295	proteomics_heat	2578603	2578635	+	1	5	K.AHPQLAEFTR.R	15
PHEAT+4296	proteomics_heat	2578828	2578884	+	1	6	K.GSVSLKEDPAGNYIHYGVR.E	23
PHEAT+4297	proteomics_heat	2578846	2578884	+	1	2	K.EDPAGNYIHYGVR.E	17
PHEAT+4298	proteomics_heat	2579392	2579445	+	1	2	R.VVSLPSTDFDAQDEEYR.E	22
PHEAT+4299	proteomics_heat	2579479	2579517	+	1	4	R.VAVEAGIADYWYK.Y	17
PHEAT+4300	proteomics_heat	2579479	2579517	+	1	4	R.VAVEAGIADYWYK.Y	17
PHEAT+4301	proteomics_heat	2579533	2579583	+	1	2	K.GAIVGMTGYGESAPADK.L	21
PHEAT+4302	proteomics_heat	2586220	2586297	+	1	3	K.DVTDIAIESQNAQIavgQLGGTPSVDK.Q	30
PHEAT+4303	proteomics_heat	2589320	2589352	+	2	2	R.RWLEANNIDYR.F	15
PHEAT+4304	proteomics_heat	2589542	2589622	+	2	9	K.RPLLCVPGKPMLLGFSDSSYQQFFHEV.-	31
PHEAT+4305	proteomics_heat	2589671	2589724	+	2	4	R.RPSLSPDDAGCQALLIER.L	22
PHEAT+4306	proteomics_heat	2589755	2589793	+	2	2	R.MDFADTQNFWAWR.G	17
PHEAT+4307	proteomics_heat	2590091	2590150	+	2	2	R.LDYCLVGEPSSIEVVDVVK.N	24
PHEAT+4308	proteomics_heat	2590520	2590612	+	2	2	R.GKLVDAVVNAVEHYNEIKPQLLTGGTSDGR.F	35
PHEAT+4309	proteomics_heat	2590526	2590612	+	2	2	K.LVDAVVNAVEHYNEIKPQLLTGGTSDGR.F	33
PHEAT+4310	proteomics_heat	2590625	2590675	+	2	2	R.MGAQVVVELGPNATIHK.I	21
PHEAT+4311	proteomics_heat	2597931	2598008	+	3	4	L.TLSSQHLYLVITALGADRPgIVNTITR.H	30
PHEAT+4312	proteomics_heat	2598009	2598047	+	3	6	R.HVSSCGCNIEDSR.L	17
PHEAT+4313	proteomics_heat	2598189	2598260	+	3	3	R.PRPPMPASVWVQVDVADSPHLIER.F	28
PHEAT+4314	proteomics_heat	2598261	2598314	+	3	3	R.FTALFDAHHMNIAELVSR.T	22
PHEAT+4315	proteomics_heat	2598339	2598416	+	3	11	R.AAQLHIQITAHSPASADAANIEQAFK.A	30
PHEAT+4316	proteomics_heat	2598536	2598595	+	2	8	K.FSLPDQDGEQVNLDFQGR.V	24
PHEAT+4317	proteomics_heat	2598596	2598619	+	2	5	R.VLVYFYPK.A	12
PHEAT+4318	proteomics_heat	2598620	2598661	+	2	6	K.AMTPGCTVQACGLR.D	18
PHEAT+4319	proteomics_heat	2598686	2598730	+	2	8	K.AGVDVLGISTDKPEK.L	19
PHEAT+4320	proteomics_heat	2598752	2598826	+	2	14	K.ELLNFTLLSDEDHQVCEQFGVWGEK.S	29
PHEAT+4321	proteomics_heat	2598863	2598919	+	2	4	R.ISFLIDADGKIEHVDFDFK.T	23
PHEAT+4322	proteomics_heat	2598893	2598919	+	2	2	K.IEHVFDDFK.T	13
PHEAT+4323	proteomics_heat	2598920	2598958	+	2	5	K.TSNHHDVVLNWLK.E	17
PHEAT+4324	proteomics_heat	2604763	2604834	+	1	5	K.RLPSGAGASCLASTGTGGNRyRyR.R	28
PHEAT+4325	proteomics_heat	2614299	2614361	+	3	3	R.GSAPLINDPLLTQYINSLGMR.L	25
PHEAT+4326	proteomics_heat	2614362	2614388	+	3	2	R.LVSHANSVK.T	13

PHEAT+4327	proteomics_heat	2614482	2614547	+	3	2	R.YSDNESQLASVMAHEISHVTQR.H	26
PHEAT+4328	proteomics_heat	2614808	2614870	+	2	17	R.SGALLLAPAGNFIDSPVAGKS.S	25
PHEAT+4329	proteomics_heat	2614818	2614871	+	3	2	R.YSSRPPEILLTHLPESR.L	22
PHEAT+4330	proteomics_heat	2615061	2615102	+	3	3	R.ALQAMEANKYDEAR.K	18
PHEAT+4331	proteomics_heat	2615103	2615189	+	3	3	R.KTLQPLLAEPGNAWYLDLATDIDLQNK.A	33
PHEAT+4332	proteomics_heat	2615106	2615189	+	3	2	K.TLQPLLAEPGNAWYLDLATDIDLQNK.A	32
PHEAT+4333	proteomics_heat	2615235	2615318	+	3	4	R.TNPVLQLNLANAYLQGGQPQEAANILNR.Y	32
PHEAT+4334	proteomics_heat	2615319	2615393	+	3	3	R.YTFNKKDDSNQWDLAQAEALNNR.D	29
PHEAT+4335	proteomics_heat	2615672	2615737	+	2	3	K.ENGVPEVVLYLETPADAATLR.D	26
PHEAT+4336	proteomics_heat	2615807	2615875	+	2	7	K.ELNLADSSLSSEALIQAMVDNPK.L	27
PHEAT+4337	proteomics_heat	2615876	2615911	+	2	5	K.LMERPIVVANGK.A	16
PHEAT+4338	proteomics_heat	2619222	2619248	+	3	8	V.TDKTSLSYK.D	13
PHEAT+4339	proteomics_heat	2619249	2619293	+	3	29	K.DAGVDIDAGNALVGR.I	19
PHEAT+4340	proteomics_heat	2619315	2619380	+	3	3	K.TRRPEVMGGLGGFGALCALPQK.Y	26
PHEAT+4341	proteomics_heat	2619321	2619380	+	3	3	R.RPEVMGGLGGFGALCALPQK.Y	24
PHEAT+4342	proteomics_heat	2619381	2619428	+	3	12	K.YREPVLVSGTDGVTGK.L	20
PHEAT+4343	proteomics_heat	2619741	2619812	+	3	9	K.VSDGDVLIALGSSGPHSNGYSLVR.K	28
PHEAT+4344	proteomics_heat	2619813	2619899	+	3	5	R.KILEVSGCDPQTTELDGKPLADHLLAPTR.I	33
PHEAT+4345	proteomics_heat	2619816	2619899	+	3	3	K.ILEVSGCDPQTTELDGKPLADHLLAPTR.I	32
PHEAT+4346	proteomics_heat	2619912	2619935	+	3	3	K.SVLELIEK.V	12
PHEAT+4347	proteomics_heat	2619936	2619995	+	3	13	K.VDVHAIHLTGGGFWENIPR.V	24
PHEAT+4348	proteomics_heat	2620107	2620163	+	3	6	R.TFNCVGMIIALPAPEVDK.A	23
PHEAT+4349	proteomics_heat	2620164	2620205	+	3	6	K.ALALLNANGENAWK.I	18
PHEAT+4350	proteomics_heat	2620526	2620564	+	2	2	R.ILSPAFVSHYAGR.L	17
PHEAT+4351	proteomics_heat	2620715	2620759	+	2	4	K.VPVFAGDSEDDITAR.V	19
PHEAT+4352	proteomics_heat	2620760	2620819	+	2	3	R.VQTQEHAIIYPLVISWFADGR.L	24
PHEAT+4353	proteomics_heat	2620826	2620861	+	2	2	K.MHENAAWLDGQR.L	16
PHEAT+4354	proteomics_heat	2621126	2621170	+	2	4	R.VLQEAADKSNPLIER.M	19
PHEAT+4355	proteomics_heat	2621177	2621218	+	2	2	R.FLGIYSNNLDEFYK.V	18
PHEAT+4356	proteomics_heat	2621246	2621287	+	2	3	R.IIIEEQGSNSHSR.H	18
PHEAT+4357	proteomics_heat	2621324	2621377	+	2	3	K.ADQEFDGLYNELLEMAR.N	22
PHEAT+4358	proteomics_heat	2621945	2621989	+	2	3	R.YHNFKDFINFPNVGK.A	19
PHEAT+4359	proteomics_heat	2621990	2622019	+	2	3	K.ANLVNKPLPR.L	14
PHEAT+4360	proteomics_heat	2622053	2622139	+	2	2	F.RNGFDAIRERDVLLYYPYHTFEHVLELLR.Q	33
PHEAT+4361	proteomics_heat	2622083	2622139	+	2	2	R.DVLLYYPYHTFEHVLELLR.Q	23
PHEAT+4362	proteomics_heat	2622419	2622454	+	2	8	R.YAHIGTGNFNEK.T	16
PHEAT+4363	proteomics_heat	2622710	2622757	+	2	2	R.LYAASSSGVPVNLLVR.G	20
PHEAT+4364	proteomics_heat	2622974	2623015	+	2	4	R.VLDIIDILFSDTVK.A	18
PHEAT+4365	proteomics_heat	2623022	2623048	+	2	2	R.YIDKELSNR.Y	13
PHEAT+4366	proteomics_heat	2623155	2623223	+	3	3	K.SPRPQFAAVDLGNSFHMVIAR.V	27
PHEAT+4367	proteomics_heat	2623269	2623328	+	3	2	R.VHLADGLGPDNMLSEEAMTR.G	24
PHEAT+4368	proteomics_heat	2623362	2623415	+	3	2	R.LQGFPASVCIVGTHTLR.Q	22
PHEAT+4369	proteomics_heat	2623458	2623505	+	3	2	K.VIPYPIEISGNEEAR.L	20
PHEAT+4370	proteomics_heat	2623506	2623544	+	3	2	R.LIFMGVEHTQPEK.G	17
PHEAT+4371	proteomics_heat	2623941	2624000	+	3	2	K.TVFPGLAILCGVFDALAIR.E	24
PHEAT+4372	proteomics_heat	2624088	2624138	+	3	2	R.TASSLANQYHIDSEQAR.R	21



PHEAT+4373	proteomics_heat	2624196	2624228	+	3	2	K.LAHPQLEALLR.W	15
PHEAT+4374	proteomics_heat	2624286	2624366	+	3	3	R.HSAYILQNSDLPGFNQEQQLMMATLVR.Y	31
PHEAT+4375	proteomics_heat	2632614	2632697	+	3	2	K.LQAEGLFDQYKPKPLPSPAHCVGVITSK.T	32
PHEAT+4376	proteomics_heat	2632650	2632697	+	3	2	K.KPLPSPAHCVGVITSK.T	20
PHEAT+4377	proteomics_heat	2632737	2632814	+	3	3	K.RRDPSLPVIIYPAAVQGDDAPGQIVR.A	30
PHEAT+4378	proteomics_heat	2632743	2632814	+	3	5	R.DPSLPVIIYPAAVQGDDAPGQIVR.A	28
PHEAT+4379	proteomics_heat	2650519	2650596	+	1	2	M.STTWVFGADWLAEHIDDPEIQIIDAR.M	30
PHEAT+4380	proteomics_heat	2650780	2650824	+	1	3	K.HLIVYDEGNLFSAPR.A	19
PHEAT+4381	proteomics_heat	2650984	2651040	+	1	2	K.VTDVLLASHENTAQIIDAR.P	23
PHEAT+4382	proteomics_heat	2651053	2651091	+	1	2	R.FNAEVDEPRPGLR.R	17
PHEAT+4383	proteomics_heat	2651095	2651142	+	1	4	R.GHIPGALNVPWTELVR.E	20
PHEAT+4384	proteomics_heat	2651158	2651193	+	1	2	K.TTDELDAIFFGR.G	16
PHEAT+4385	proteomics_heat	2651332	2651358	+	1	2	R.ADLPEVPVK.-	13
PHEAT+4386	proteomics_heat	2661527	2661565	+	2	6	K.NYETPDAVEASQK.G	17
PHEAT+4387	proteomics_heat	2661566	2661598	+	2	3	K.GSNDFVTNVDK.A	15
PHEAT+4388	proteomics_heat	2661749	2661781	+	2	2	R.LPHFAVSI AVR.I	15
PHEAT+4389	proteomics_heat	2661851	2661880	+	2	3	R.GQGAQLNGYR.L	14
PHEAT+4390	proteomics_heat	2661902	2661943	+	2	4	R.DLDGTILATGPFK.A	18
PHEAT+4391	proteomics_heat	2661944	2661985	+	2	2	K.AKQYATTYINIVGK.L	18
PHEAT+4392	proteomics_heat	2662127	2662207	+	2	9	R.EAGGIVSDFTGGHNYMLTGNIVAGNPR.V	31
PHEAT+4393	proteomics_heat	2662217	2662264	+	2	3	K.AMLANMRDELSALKR.-	20
PHEAT+4394	proteomics_heat	2682462	2682548	+	3	2	K.RALRIVRYAVFVDGDVSTAQSGVCFFTGGQ.V	33
PHEAT+4395	proteomics_heat	2683950	2683976	+	3	3	R.MFTHNPELK.E	13
PHEAT+4396	proteomics_heat	2684019	2684096	+	3	14	R.EALFNAAAYASNIENLPALLPAVEK.I	30
PHEAT+4397	proteomics_heat	2684259	2684291	+	3	2	R.EAEIYNENASK.A	15
PHEAT+4398	proteomics_heat	2684526	2684588	+	3	4	R.EEGGQVSNWLHNHANVGDVVK.L	25
PHEAT+4399	proteomics_heat	2684589	2684705	+	3	13	K.LVAPAGDFFMAVADDTPVTLISAGVGQTPMLAMLDTLAK.A	43
PHEAT+4400	proteomics_heat	2684706	2684783	+	3	5	K.AGHTAQVNW FHAENG DVHAFDEVK.E	30
PHEAT+4401	proteomics_heat	2696811	2696840	+	3	2	R.YQGLAQSDKK.L	14
PHEAT+4402	proteomics_heat	2696982	2697050	+	3	2	K.LALSEALASQPESPSVPIHNQIR.G	27
PHEAT+4403	proteomics_heat	2697330	2697404	+	3	3	L.LAISYTGVRRELNLAADEMLRVGGK.V	29
PHEAT+4404	proteomics_heat	2708520	2708555	+	3	5	R.LADQHQVIVLSK.G	16
PHEAT+4405	proteomics_heat	2708682	2708714	+	3	4	R.HAVEFVASNAR.S	15
PHEAT+4406	proteomics_heat	2708826	2708855	+	3	2	R.ILHAADATGR.E	14
PHEAT+4407	proteomics_heat	2709036	2709068	+	3	3	K.AVVLATGGASK.V	15
PHEAT+4408	proteomics_heat	2709144	2709203	+	3	4	R.VANLEFNQFHPTALYHPQAR.N	24
PHEAT+4409	proteomics_heat	2709975	2710061	+	3	2	R.GLHFTLDYPELLTHSGPSILSPGNHYINR.-	33
PHEAT+4410	proteomics_heat	2710921	2710983	+	1	2	M.TVTTFSELELDESLLALQDK.G	25
PHEAT+4411	proteomics_heat	2710984	2711043	+	1	7	K.GFTRPTAIQAAAIPPALDGR.D	24
PHEAT+4412	proteomics_heat	2711044	2711079	+	1	6	R.DVLGSAPTGTGK.T	16
PHEAT+4413	proteomics_heat	2711080	2711130	+	1	7	K.TAAYLLPALQHLLDFPR.K	21
PHEAT+4414	proteomics_heat	2711176	2711208	+	1	3	R.ELAMQVSDHAR.E	15
PHEAT+4415	proteomics_heat	2711365	2711400	+	1	3	R.AVETLILDEADR.M	16
PHEAT+4416	proteomics_heat	2711401	2711454	+	1	5	R.MLDMGFAQDIEHIAGETR.W	22
PHEAT+4417	proteomics_heat	2711536	2711568	+	1	3	D.PVEVSANPSTR.E	15
PHEAT+4418	proteomics_heat	2711623	2711649	+	1	4	K.TALLVHLLK.Q	13

PHEAT+4419	proteomics_heat	2711698	2711724	+	1	2	R.VHELANWLR.E	13
PHEAT+4420	proteomics_heat	2711725	2711775	+	1	2	R.EAGINNCYLEGEMVQGK.R	21
PHEAT+4421	proteomics_heat	2711848	2711898	+	1	4	R.GIDIPDVSHVFNFDMPR.S	21
PHEAT+4422	proteomics_heat	2711899	2711922	+	1	4	R.SGDTYLHR.I	12
PHEAT+4423	proteomics_heat	2711950	2712003	+	1	4	R.KGTAISLVEAHDHLLLGK.V	22
PHEAT+4424	proteomics_heat	2711953	2712003	+	1	4	K.GTAISLVEAHDHLLLGK.V	21
PHEAT+4425	proteomics_heat	2714821	2714868	+	1	4	K.QQPYFLNTLQTVASER.Q	20
PHEAT+4426	proteomics_heat	2716757	2716795	+	2	7	V.MNTVCTHCQAINR.I	17
PHEAT+4427	proteomics_heat	2720087	2720137	+	2	2	R.LAVRPYPHQLEEWVELK.N	21
PHEAT+4428	proteomics_heat	2720531	2720605	+	2	11	R.GMVALARKLGFNVDIQLEEGIVGLT.L	29
PHEAT+4429	proteomics_heat	2720806	2720859	+	1	7	K.ISQSVDDVDFYAPADFR.E	22
PHEAT+4430	proteomics_heat	2721082	2721141	+	1	3	R.MAQENPGVDVPVYGVPINTR.E	24
PHEAT+4431	proteomics_heat	2721283	2721333	+	1	3	K.MSDIMFEWVTQNMNGR.G	21
PHEAT+4432	proteomics_heat	2721511	2721546	+	1	3	K.TIFHLMPCAEQK.L	16
PHEAT+4433	proteomics_heat	2721625	2721651	+	1	4	K.KVEIIVGDK.T	13
PHEAT+4434	proteomics_heat	2721751	2721789	+	1	3	R.LQYYVNTDQLVVR.L	17
PHEAT+4435	proteomics_heat	2721892	2721951	+	1	5	R.LDLENAILIHDPQLELAPQR.E	24
PHEAT+4436	proteomics_heat	2722006	2722038	+	1	2	R.DLQSIADYPVK.V	15
PHEAT+4437	proteomics_heat	2734315	2734410	+	1	3	R.QAITQLEALDNRYPGPYSQQVQLDLIYAYK.N	36
PHEAT+4438	proteomics_heat	2734459	2734503	+	1	5	R.LNPTHPNIDYVMMR.G	19
PHEAT+4439	proteomics_heat	2734459	2734497	+	1	2	R.LNPTHPNIDYVMMY.M	17
PHEAT+4440	proteomics_heat	2734504	2734563	+	1	11	R.GLTNMALDSDSALQFFGVDR.S	24
PHEAT+4441	proteomics_heat	2734624	2734665	+	1	4	R.GYPNSQYTTDATKR.L	18
PHEAT+4442	proteomics_heat	2734624	2734662	+	1	4	R.GYPNSQYTTDATK.R	17
PHEAT+4443	proteomics_heat	2734696	2734731	+	1	3	K.YEYSVAEYTER.G	16
PHEAT+4444	proteomics_heat	2734732	2734758	+	1	2	R.GAWVAVVNR.V	13
PHEAT+4445	proteomics_heat	2734804	2734836	+	1	2	R.DALPLMENAYR.Q	15
PHEAT+4446	proteomics_heat	2735263	2735304	+	1	6	K.WQTHLINPHILSK.E	18
PHEAT+4447	proteomics_heat	2735263	2735289	+	1	5	K.WQTHLINPH.I	13
PHEAT+4448	proteomics_heat	2735263	2735298	+	1	3	K.WQTHLINPHIIL.S	16
PHEAT+4449	proteomics_heat	2735305	2735373	+	1	14	K.EPQGFVADATINTPNGVLVASGK.H	27
PHEAT+4450	proteomics_heat	2735305	2735424	+	1	2	K.EPQGFVADATINTPNGVLVASGKHEDMYTAINELINKLER.Q	44
PHEAT+4451	proteomics_heat	2735317	2735373	+	1	4	G.FVADATINTPNGVLVASGK.H	23
PHEAT+4452	proteomics_heat	2735326	2735373	+	1	2	A.DATINTPNGVLVASGK.H	20
PHEAT+4453	proteomics_heat	2735365	2735415	+	1	3	A.SGKHEDMYTAINELINK.L	21
PHEAT+4454	proteomics_heat	2735374	2735415	+	1	26	K.HEDMYTAINELINK.L	18
PHEAT+4455	proteomics_heat	2735374	2735424	+	1	26	K.HEDMYTAINELINKLER.Q	21
PHEAT+4456	proteomics_heat	2735380	2735424	+	1	3	E.DMYTAINELINKLER.Q	19
PHEAT+4457	proteomics_heat	2735770	2735799	+	1	2	M.TSENPLLALR.E	14
PHEAT+4458	proteomics_heat	2735992	2736060	+	1	16	R.LFQLIIEDSVLTQQALLQQHLNK.I	27
PHEAT+4459	proteomics_heat	2736145	2736180	+	1	7	R.HFEQFIESGCAK.F	16
PHEAT+4460	proteomics_heat	2736448	2736486	+	1	2	K.IEYTESTSAAMEK.V	17
PHEAT+4461	proteomics_heat	2736502	2736570	+	1	11	K.SPHVAALGSEAGGTLYGLQVLER.I	27
PHEAT+4462	proteomics_heat	2736622	2736657	+	1	9	R.KAINVSDQVPAK.T	16
PHEAT+4463	proteomics_heat	2748952	2749002	+	1	2	K.GYEVIVEQQIAHELQK.N	21
PHEAT+4464	proteomics_heat	2749276	2749317	+	1	2	R.ISTAINEVVLPK.V	18

PHEAT+4465	proteomics_heat	2751702	2751761	+	3	4	R.VVYRPDINQGNLYLTANDVSK.I	24
PHEAT+4466	proteomics_heat	2751798	2751860	+	3	3	Y.ALGTPPLMSDFGTNTWFYVFR.Q	25
PHEAT+4467	proteomics_heat	2753062	2753094	+	1	2	K.ANISDSYVLLR.D	15
PHEAT+4468	proteomics_heat	2753095	2753175	+	1	5	R.DGEAFLFGANITPMAVASTHVCDPTR.T	31
PHEAT+4469	proteomics_heat	2753137	2753175	+	1	2	M.AVASTHVCDPTR.T	17
PHEAT+4470	proteomics_heat	2778064	2778114	+	1	5	N.GKSTVLVSTADFNTVSR.A	21
PHEAT+4471	proteomics_heat	2789526	2789570	+	3	2	R.NWFNLMMEHQDDLAR.L	19
PHEAT+4472	proteomics_heat	2789670	2789711	+	3	2	R.IYGDTIPGHQADKR.L	18
PHEAT+4473	proteomics_heat	2789727	2789789	+	3	4	K.QPIGVTAAITPWNFPAAMITR.K	25
PHEAT+4474	proteomics_heat	2789793	2789888	+	3	2	K.AGPALAAGCTMVLKSPASQTPFSALALAEALAIR.A	36
PHEAT+4475	proteomics_heat	2789976	2790011	+	3	2	R.KLSFTGSTEIGR.Q	16
PHEAT+4476	proteomics_heat	2790240	2790299	+	3	4	K.LHIGDGLDNGVTIGPLIDEK.A	24
PHEAT+4477	proteomics_heat	2790312	2790344	+	3	3	K.VEEHIADALEK.G	15
PHEAT+4478	proteomics_heat	2790384	2790437	+	3	4	R.GGNFFQPTILVDVPANAK.V	22
PHEAT+4479	proteomics_heat	2790438	2790482	+	3	4	K.VSKEETFGPLAPLFR.F	19
PHEAT+4480	proteomics_heat	2790579	2790662	+	3	3	R.VGEALEYGIVGINTGIISNEVAPFGGIK.A	32
PHEAT+4481	proteomics_heat	2790973	2791044	+	1	3	K.LSHTCFQVLAYEPYLELCEIMNQK.V	28
PHEAT+4482	proteomics_heat	2791066	2791116	+	1	3	K.KTLLVTTGSEAVENAVK.I	21
PHEAT+4483	proteomics_heat	2791141	2791179	+	1	3	R.SGTIAFSGAYHGR.T	17
PHEAT+4484	proteomics_heat	2791210	2791260	+	1	2	K.VNPYSAGMGLMPGHVYR.A	21
PHEAT+4485	proteomics_heat	2791261	2791323	+	1	2	R.ALYPCPLHGISEDDAIASIHR.I	25
PHEAT+4486	proteomics_heat	2791603	2791695	+	1	3	R.AEVMDAVAPGGLGGTYAGNPIACVAALEVLK.V	35
PHEAT+4487	proteomics_heat	2791747	2791803	+	1	2	K.LKDGLLAIAEKHPEIGDVR.G	23
PHEAT+4488	proteomics_heat	2798168	2798266	+	2	4	H.MFNRPNRNDVDDGVQDIQNDVNQLADSLESVLK.S	37
PHEAT+4489	proteomics_heat	2798189	2798266	+	2	18	R.NDVDDGVQDIQNDVNQLADSLESVLK.S	30
PHEAT+4490	proteomics_heat	2798189	2798239	+	2	2	R.NDVDDGVQDIQNDVNQL.A	21
PHEAT+4491	proteomics_heat	2798216	2798266	+	2	2	D.IQNDVNQLADSLESVLK.S	21
PHEAT+4492	proteomics_heat	2798267	2798308	+	2	3	K.SWGSDAKGEAAAR.S	18
PHEAT+4493	proteomics_heat	2798384	2798416	+	2	6	R.DAVGCADSFVR.E	15
PHEAT+4494	proteomics_heat	2808792	2808830	+	3	3	Q.MDSSFTPIEQMLK.F	17
PHEAT+4495	proteomics_heat	2808846	2808884	+	3	12	R.HEDFPYQEILLTR.L	17
PHEAT+4496	proteomics_heat	2808885	2808908	+	3	2	R.LCMHMQSK.L	12
PHEAT+4497	proteomics_heat	2808939	2809046	+	3	24	K.AQGINETLFMALITLESQENHSIQSELSCALGSSR.T	40
PHEAT+4498	proteomics_heat	2809062	2809085	+	3	8	R.IADELEKR.G	12
PHEAT+4499	proteomics_heat	2809125	2809151	+	3	8	R.CLHLQLTEK.G	13
PHEAT+4500	proteomics_heat	2809170	2809259	+	3	13	R.EVLPPQHNCLHQLWSALSTTEKDQLEQITR.K	34
PHEAT+4501	proteomics_heat	2809452	2809496	+	3	4	M.SANAETQTPQPVKK.S	19
PHEAT+4502	proteomics_heat	2809701	2809742	+	3	2	K.EGDVLVTLDPDAR.Q	18
PHEAT+4503	proteomics_heat	2809941	2810024	+	3	4	R.DAVTSAQAQLDVAIQQYANQAMILGTK.L	32
PHEAT+4504	proteomics_heat	2810025	2810069	+	3	10	K.LEDQPAVQQAATEVR.N	19
PHEAT+4505	proteomics_heat	2810136	2810225	+	3	3	R.AVQPGAQISPTTPLMAVVPATNMWVDANFK.E	34
PHEAT+4506	proteomics_heat	2810313	2810390	+	3	2	K.VVGLDMGTGSAFSLLPANATGNWIK.V	30
PHEAT+4507	proteomics_heat	2810499	2810522	+	3	7	R.DGQVLANK.V	12
PHEAT+4508	proteomics_heat	2810529	2810558	+	3	2	R.STPVAVSTAR.E	14
PHEAT+4509	proteomics_heat	2814042	2814077	+	3	9	R.AVAIFQPFTIQR.F	16
PHEAT+4510	proteomics_heat	2827934	2827966	+	2	3	R.AANIILHCEGK.V	15

PHEAT+4511	proteomics_heat	2828009	2828104	+	2	2	K.KIAATLASTGTPAFFVHPAEALHGDLGMIESR.D	36
PHEAT+4512	proteomics_heat	2828516	2828593	+	2	2	R.TGLGLVAVCDAAQQVQGVFTDGD LRR.W	30
PHEAT+4513	proteomics_heat	2828594	2828677	+	2	2	R.WLVGGGALTTPVNEAMTVGGTTLQSQR.A	32
PHEAT+4514	proteomics_heat	2842856	2842933	+	2	2	L.LLTHIDHGHAVGTGVARVEATDNQRR.I	30
PHEAT+4515	proteomics_heat	2846762	2846800	+	2	2	K.QSPAAECQDAPAQ.T	17
PHEAT+4516	proteomics_heat	2849560	2849643	+	1	2	R.LPLDDNGILFIENVGNLVCASF DLGK.H	32
PHEAT+4517	proteomics_heat	2849964	2850014	+	3	2	R.DVDLTLVGSCDENGQPR.V	21
PHEAT+4518	proteomics_heat	2852555	2852614	+	2	3	R.EKDTPIKYEDETVLAHG PVR.S	24
PHEAT+4519	proteomics_heat	2855451	2855498	+	3	2	R.IVTPGTISDEALLQER.Q	20
PHEAT+4520	proteomics_heat	2856222	2856251	+	3	2	R.HAFQQLPELR.A	14
PHEAT+4521	proteomics_heat	2856426	2856461	+	3	2	R.ALADGATDYLER.L	16
PHEAT+4522	proteomics_heat	2856867	2856935	+	3	2	R.HPVVEQVLNEPFIANPLNLS PQR.R	27
PHEAT+4523	proteomics_heat	2914087	2914137	+	1	2	R.SANNLLAIINDVLDFSK.L	21
PHEAT+4524	proteomics_heat	2915740	2915811	+	1	2	R.SGTKEEDLEPELLELLDEMDNVAR.E	28
PHEAT+4525	proteomics_heat	2923373	2923420	+	2	6	M.SSYANHQALAGLTLGK.S	20
PHEAT+4526	proteomics_heat	2923721	2923747	+	2	6	R.DLSTCAQ GK.I	13
PHEAT+4527	proteomics_heat	2923895	2923930	+	2	4	K.VVEETLVSHLLK.S	16
PHEAT+4528	proteomics_heat	2923931	2923987	+	2	3	K.SNCLITHQPDWGS LQIYR.G	23
PHEAT+4529	proteomics_heat	2924549	2924593	+	2	2	K.LELINPPEEAFVDGR.I	19
PHEAT+4530	proteomics_heat	2924861	2924914	+	2	3	R.ELNICTGCGPGAMEAPMK.G	22
PHEAT+4531	proteomics_heat	2925119	2925163	+	2	3	E.ELLYLLGILMN PANK.D	19
PHEAT+4532	proteomics_heat	2925221	2925265	+	2	3	R.VLDEFVVHTLGENAR.R	19
PHEAT+4533	proteomics_heat	2925575	2925601	+	2	2	K.INGDKEIMR.R	13
PHEAT+4534	proteomics_heat	2925602	2925643	+	2	3	R.RMDDLQGFVAQHR.M	18
PHEAT+4535	proteomics_heat	2926251	2926286	+	3	2	-.METTQTSTIASK.D	16
PHEAT+4536	proteomics_heat	2929416	2929460	+	3	3	K.VTQAGHQATIVSTDK.G	19
PHEAT+4537	proteomics_heat	2936955	2937041	+	3	2	K.VLAEMGHGDEIIFSDAHFPAHSMGPQVIR.A	33
PHEAT+4538	proteomics_heat	2937294	2937317	+	3	2	K.YGNILLKK.G	12
PHEAT+4539	proteomics_heat	2937501	2937530	+	3	2	R.DLNELQTQ GK.I	14
PHEAT+4540	proteomics_heat	2942627	2942668	+	2	2	R.NTFAPLTQWEDKYR.Q	18
PHEAT+4541	proteomics_heat	2942870	2942929	+	2	4	K.TAAELQAQSPLALFDELGLR.A	24
PHEAT+4542	proteomics_heat	2947279	2947305	+	1	4	R.KTELVEGFR.H	13
PHEAT+4543	proteomics_heat	2947726	2947752	+	1	3	R.RIDEDAIHR.Q	13
PHEAT+4544	proteomics_heat	2947876	2947962	+	1	2	K.MIGFCSSQGV TNDDGDIVSELPNEAQR.V	33
PHEAT+4545	proteomics_heat	2947963	2948010	+	1	2	R.VEAQEEKGDYNSGTVR.F	20
PHEAT+4546	proteomics_heat	2948056	2948112	+	1	3	R.CHLSYQEDGALLQELFSR.D	23
PHEAT+4547	proteomics_heat	2948164	2948235	+	1	12	R.ATINDIGGILELIRPLEQQGILVR.R	28
PHEAT+4548	proteomics_heat	2948239	2948289	+	1	4	R.SREQLEMEIDKFTIIQR.D	21
PHEAT+4549	proteomics_heat	2948245	2948289	+	1	4	R.EQLEMEIDKFTIIQR.D	19
PHEAT+4550	proteomics_heat	2948290	2948340	+	1	5	R.DNTTIACAALYPFPEEK.I	21
PHEAT+4551	proteomics_heat	2948341	2948382	+	1	6	K.IGEMACVAVHPDYR.S	18
PHEAT+4552	proteomics_heat	2948497	2948538	+	1	2	R.GFTPVDIDLLPESK.K	18
PHEAT+4553	proteomics_heat	2960179	2960268	+	1	6	L.MCLLKALS LGISGNTRTNISQIKLAGSGK.S	34
PHEAT+4554	proteomics_heat	2969856	2969879	+	3	2	R.EKLIIASK.V	12
PHEAT+4555	proteomics_heat	2970048	2970125	+	3	7	K.LGYSWTD SAPAVSLLDTLDALAEYQR.A	30
PHEAT+4556	proteomics_heat	2970351	2970383	+	3	2	K.YLNGAKPAGAR.N	15

PHEAT+4557	proteomics_heat	2970468	2970509	+	3	6	R.HGLDPAQMALAFVR.R	18
PHEAT+4558	proteomics_heat	2970510	2970566	+	3	6	R.RQPFVASTLLGATTMDQLK.T	23
PHEAT+4559	proteomics_heat	2970510	2970593	+	3	2	R.RQPFVASTLLGATTMDQLKTNIESLHLE.L	32
PHEAT+4560	proteomics_heat	3010299	3010367	+	3	4	K.VEAAASFARSRAGREALITVLSK.A	27
PHEAT+4561	proteomics_heat	3016819	3016845	+	1	6	A.RTAPTSPLR.S	13
PHEAT+4562	proteomics_heat	3037937	3037999	+	2	7	K.IRDIIGPELVTLHNLKDDSPK.L	25
PHEAT+4563	proteomics_heat	3037937	3037984	+	2	5	K.IRDIIGPELVTLHNLK.D	20
PHEAT+4564	proteomics_heat	3038345	3038395	+	2	2	R.IQSWCEQILNEMAEHYA.-	21
PHEAT+4565	proteomics_heat	3039383	3039451	+	2	44	R.LPLTLMTLDDWALATITGADSEK.Y	27
PHEAT+4566	proteomics_heat	3039452	3039532	+	2	2	K.YMQGQVTADVSQLAEDQHLLAAHCDAK.G	31
PHEAT+4567	proteomics_heat	3039566	3039595	+	2	2	R.DGDGFIEWER.R	14
PHEAT+4568	proteomics_heat	3039599	3039634	+	2	2	R.SVREPQLTELK.Y	16
PHEAT+4569	proteomics_heat	3039608	3039634	+	2	2	R.EPQLTELK.Y	13
PHEAT+4570	proteomics_heat	3039653	3039679	+	2	2	K.VTIAPDDER.V	13
PHEAT+4571	proteomics_heat	3039680	3039712	+	2	3	R.VLLGVAGFQAR.A	15
PHEAT+4572	proteomics_heat	3039713	3039757	+	2	4	R.AALANLFSLEPSKEK.Q	19
PHEAT+4573	proteomics_heat	3039713	3039751	+	2	5	R.AALANLFSLEPSK.E	17
PHEAT+4574	proteomics_heat	3039770	3039814	+	2	4	K.EGATLLWFEHPAER.F	19
PHEAT+4575	proteomics_heat	3039815	3039862	+	2	10	R.FLIVTDEATANMLTDK.L	20
PHEAT+4576	proteomics_heat	3040010	3040045	+	2	4	K.KGCYTGQEMVAR.A	16
PHEAT+4577	proteomics_heat	3040013	3040045	+	2	2	K.GCYTGQEMVAR.A	15
PHEAT+4578	proteomics_heat	3040073	3040105	+	2	4	R.ALWLLAGSASR.L	15
PHEAT+4579	proteomics_heat	3040106	3040138	+	2	2	R.LPEAGEDLELK.M	15
PHEAT+4580	proteomics_heat	3040187	3040255	+	2	3	K.LEDGQVVVQVMNNDMEPDSIFR.V	27
PHEAT+4581	proteomics_heat	3040256	3040312	+	2	2	R.VRDDANTLHIEPLPYSLEE.-	23
PHEAT+4582	proteomics_heat	3040262	3040312	+	2	2	R.DDANTLHIEPLPYSLEE.-	21
PHEAT+4583	proteomics_heat	3041714	3041770	+	2	5	K.DFLWGGAVAAHQVEGGWNK.G	23
PHEAT+4584	proteomics_heat	3041771	3041830	+	2	3	K.GGKGPSICDVLTTGGAHGVPR.E	24
PHEAT+4585	proteomics_heat	3041780	3041830	+	2	4	K.GPSICDVLTTGGAHGVPR.E	21
PHEAT+4586	proteomics_heat	3041861	3041917	+	2	5	K.YYPNHEAVDFYGHYKEDIK.L	23
PHEAT+4587	proteomics_heat	3041861	3041905	+	2	3	K.YYPNHEAVDFYGHYK.E	19
PHEAT+4588	proteomics_heat	3042053	3042139	+	2	2	K.YNIEPVITLSHFEMPLHLVQQYGSWTNRK.V	33
PHEAT+4589	proteomics_heat	3042053	3042136	+	2	3	K.YNIEPVITLSHFEMPLHLVQQYGSWTNR.K	32
PHEAT+4590	proteomics_heat	3042197	3042238	+	2	3	K.VKYWMTFNEINNQR.N	18
PHEAT+4591	proteomics_heat	3042395	3042478	+	2	4	K.VGCMLAMVPLYPSCNPDDVMFAQESMR.E	32
PHEAT+4592	proteomics_heat	3042485	3042511	+	2	2	R.YVFTDVQLR.G	13
PHEAT+4593	proteomics_heat	3042653	3042718	+	2	4	K.AEGGTGDAISGFEGSVPNPYVK.A	26
PHEAT+4594	proteomics_heat	3042719	3042760	+	2	3	K.ASDWGWQIDPVGLR.Y	18
PHEAT+4595	proteomics_heat	3042761	3042787	+	2	2	R.YALCELYER.Y	13
PHEAT+4596	proteomics_heat	3042890	3042913	+	2	2	R.AHIEEMKK.A	12
PHEAT+4597	proteomics_heat	3053706	3053744	+	3	7	R.DALNQAADDLNQR.L	17
PHEAT+4598	proteomics_heat	3053853	3053879	+	3	6	R.DYAASMEQR.I	13
PHEAT+4599	proteomics_heat	3053886	3053930	+	3	6	R.MLQQTTIEQALLEQGR.I	19
PHEAT+4600	proteomics_heat	3057889	3057933	+	1	2	R.IKQLENMFGQPLLVR.T	19
PHEAT+4601	proteomics_heat	3057895	3057933	+	1	2	K.QLENMFGQPLLVR.T	17
PHEAT+4602	proteomics_heat	3057934	3057969	+	1	3	R.TVPPRPTEQGQK.L	16

PHEAT+4603	proteomics_heat	3058183	3058221	+	1	2	R.RGEVVGAVSIQHQ.A	17
PHEAT+4604	proteomics_heat	3058183	3058248	+	1	6	R.RGEVVGAVSIQHQALPSCLVDK.L	26
PHEAT+4605	proteomics_heat	3058249	3058299	+	1	3	K.LGALDYLFVSSKPFAEK.Y	21
PHEAT+4606	proteomics_heat	3058615	3058650	+	1	7	R.KVTDALLDYGHK.V	16
PHEAT+4607	proteomics_heat	3080073	3080111	+	3	3	K.TLSDQACQEMDSK.A	17
PHEAT+4608	proteomics_heat	3080151	3080210	+	3	2	R.LTTIANALGNNINGQPVNYK.V	24
PHEAT+4609	proteomics_heat	3080496	3080537	+	3	2	R.QEAEADDYSYDLLR.Q	18
PHEAT+4610	proteomics_heat	3080607	3080648	+	3	2	R.QSSMFDDHPASAER.A	18
PHEAT+4611	proteomics_heat	3084737	3084781	+	2	16	K.HLFTSESVSEGHDPK.I	19
PHEAT+4612	proteomics_heat	3084737	3084838	+	2	22	K.HLFTSESVSEGHDPKIADQISDAVLDAILEQDPK.A	38
PHEAT+4613	proteomics_heat	3084782	3084838	+	2	14	K.IADQISDAVLDAILEQDPK.A	23
PHEAT+4614	proteomics_heat	3084782	3084832	+	2	2	K.IADQISDAVLDAILEQD.P	21
PHEAT+4615	proteomics_heat	3084950	3085021	+	2	69	R.EIGYVHSDMGFDANSCAVLSAIGK.Q	28
PHEAT+4616	proteomics_heat	3085022	3085054	+	2	5	K.QSPDINQGVDR.A	15
PHEAT+4617	proteomics_heat	3085055	3085159	+	2	20	R.ADPLEQGAGDQGLMFGYATNETDVLMPAPITYAHR.L	39
PHEAT+4618	proteomics_heat	3085187	3085225	+	2	2	R.KNGTLPWLRPDAK.S	17
PHEAT+4619	proteomics_heat	3085190	3085225	+	2	3	K.NGTLPWLRPDAK.S	16
PHEAT+4620	proteomics_heat	3085226	3085258	+	2	2	K.SQVTFQYDDGK.I	15
PHEAT+4621	proteomics_heat	3085226	3085318	+	2	3	K.SQVTFQYDDGKIVGIDAVVLSTQHSEEIDQK.S	35
PHEAT+4622	proteomics_heat	3085259	3085318	+	2	31	K.IVGIDAVVLSTQHSEEIDQK.S	24
PHEAT+4623	proteomics_heat	3085319	3085393	+	2	92	K.SLQEAVMEEI IKPILPAEWLTSATK.F	29
PHEAT+4624	proteomics_heat	3085394	3085417	+	2	4	K.FFINPTGR.F	12
PHEAT+4625	proteomics_heat	3085418	3085462	+	2	9	R.FVIGGPMGDCGLTGR.K	19
PHEAT+4626	proteomics_heat	3085418	3085465	+	2	3	R.FVIGGPMGDCGLTGRK.I	20
PHEAT+4627	proteomics_heat	3085463	3085498	+	2	4	R.KIIVDTYGGMAR.H	16
PHEAT+4628	proteomics_heat	3085466	3085498	+	2	6	K.IIVDTYGGMAR.H	15
PHEAT+4629	proteomics_heat	3085499	3085546	+	2	5	R.HGGGAFSGKDPKVD.R.S	20
PHEAT+4630	proteomics_heat	3085580	3085609	+	2	7	K.NIVAAGLADR.C	14
PHEAT+4631	proteomics_heat	3085631	3085687	+	2	2	Y.AIGVAEPTSIMVETFGTEK.V	23
PHEAT+4632	proteomics_heat	3085688	3085720	+	2	14	K.VPSEQLTLLVR.E	15
PHEAT+4633	proteomics_heat	3085721	3085786	+	2	16	R.EFFDLRPYGLIQMLDLLHPIYK.E	26
PHEAT+4634	proteomics_heat	3085721	3085765	+	2	4	R.EFFDLRPYGLIQMLD.L	19
PHEAT+4635	proteomics_heat	3085745	3085786	+	2	3	Y.GLIQMLDLLHPIYK.E	18
PHEAT+4636	proteomics_heat	3085748	3085786	+	2	2	G.LIQMLDLLHPIYK.E	17
PHEAT+4637	proteomics_heat	3085787	3085816	+	2	7	K.ETAAYGHFGR.E	14
PHEAT+4638	proteomics_heat	3085838	3085861	+	2	3	K.TDKAQLLR.D	12
PHEAT+4639	proteomics_heat	3089351	3089419	+	2	2	K.VLEGQIDDRESPLHIHLGQVMSR.G	27
PHEAT+4640	proteomics_heat	3089351	3089377	+	2	2	K.VLEGQIDDR.E	13
PHEAT+4641	proteomics_heat	3089588	3089659	+	2	2	R.NRVPEIRPAMDLEAWCAEQDEGLK.L	28
PHEAT+4642	proteomics_heat	3089726	3089782	+	2	3	R.LLIGPEGGLSADEIAMTAR.Y	23
PHEAT+4643	proteomics_heat	3089906	3089950	+	2	2	I.KLGIVMDPIANINIK.K	19
PHEAT+4644	proteomics_heat	3089909	3089950	+	2	2	K.LGIVMDPIANINIK.K	18
PHEAT+4645	proteomics_heat	3090224	3090259	+	2	5	K.GTLIVNKPQSLR.D	16
PHEAT+4646	proteomics_heat	3090275	3090325	+	2	10	K.LFTAWFSDLTPETLVTR.N	21
PHEAT+4647	proteomics_heat	3090359	3090415	+	2	8	K.HSDIILKPLDGMGGASIFR.V	23
PHEAT+4648	proteomics_heat	3090377	3090415	+	2	2	L.KPLDGMGGASIFR.V	17

PHEAT+4649	proteomics_heat	3090416	3090478	+	2	6	R.VKEGDPNLGVIAETLTEHGTR.Y	25
PHEAT+4650	proteomics_heat	3090479	3090514	+	2	2	R.YCMAQNYLPAIK.D	16
PHEAT+4651	proteomics_heat	3090530	3090574	+	2	2	R.VLVVDGEPVPYCLAR.I	19
PHEAT+4652	proteomics_heat	3090734	3090772	+	2	2	R.LTEINVTSPTCIR.E	17
PHEAT+4653	proteomics_heat	3090773	3090835	+	2	36	R.EIEAEFPVSITGMLMDAIEAR.L	25
PHEAT+4654	proteomics_heat	3090959	3091018	+	2	3	T.MNLQHHFLIAMPALQDPIFR.R	24
PHEAT+4655	proteomics_heat	3091022	3091099	+	2	5	R.SVVYICEHNTNGAMGIIVNKPLENLK.I	30
PHEAT+4656	proteomics_heat	3091160	3091204	+	2	2	R.LDKPVM LGG PLAEDR.G	19
PHEAT+4657	proteomics_heat	3091205	3091252	+	2	3	R.GFILHTPPSNFASSIR.I	20
PHEAT+4658	proteomics_heat	3091286	3091363	+	2	3	R.DVLETLGTDKQPSDV LVALGYASWEK.G	30
PHEAT+4659	proteomics_heat	3091364	3091435	+	2	9	K.GQLEQEILDNAWLTAPADLNILFK.T	28
PHEAT+4660	proteomics_heat	3091472	3091519	+	2	2	K.LIGVDILTMPGVAGHA.-	20
PHEAT+4661	proteomics_heat	3093120	3093155	+	3	4	K.MNDIAHNLAQVR.D	16
PHEAT+4662	proteomics_heat	3093156	3093182	+	3	4	R.DKISAAATR.C	13
PHEAT+4663	proteomics_heat	3093228	3093275	+	3	6	K.TKPASAI AEA IDAGQR.Q	20
PHEAT+4664	proteomics_heat	3093276	3093314	+	3	2	R.QFGENYVQEGVDK.I	17
PHEAT+4665	proteomics_heat	3093321	3093386	+	3	10	R.HFQELGVTGLEWHFIGPLQSNK.S	26
PHEAT+4666	proteomics_heat	3093393	3093434	+	3	3	R.LVAEHFDWCHTIDR.L	18
PHEAT+4667	proteomics_heat	3093531	3093590	+	3	13	K.SGIQLAELDELA AAV AELPR.L	24
PHEAT+4668	proteomics_heat	3093663	3093692	+	3	2	R.QMAVAFAGLK.T	14
PHEAT+4669	proteomics_heat	3094712	3094741	+	2	3	K.VVLATGNVGK.V	14
PHEAT+4670	proteomics_heat	3094880	3094963	+	2	5	K.VTALPAIADDSGLAVDVLGGAPGIYSAR.Y	32
PHEAT+4671	proteomics_heat	3094964	3094993	+	2	2	R.YSGEDATDQK.N	14
PHEAT+4672	proteomics_heat	3095006	3095044	+	2	2	K.LLETMKDVPDDQR.Q	17
PHEAT+4673	proteomics_heat	3095081	3095140	+	2	3	R.HAEDPTPLVCHGSWPGVITR.E	24
PHEAT+4674	proteomics_heat	3095763	3095831	+	3	2	R.SFNLDLMHGLPDQSL EEALGDLR.Q	27
PHEAT+4675	proteomics_heat	3102124	3102150	+	1	2	R.TIFCTFLQR.E	13
PHEAT+4676	proteomics_heat	3102151	3102198	+	1	5	R.EAEGQDFQLYPGELGK.R	20
PHEAT+4677	proteomics_heat	3102202	3102222	+	1	2	R.IYNEISK.E	11
PHEAT+4678	proteomics_heat	3102304	3102348	+	1	17	R.KLLEQEMVNFLFEGK.E	19
PHEAT+4679	proteomics_heat	3102307	3102348	+	1	22	K.LLEQEMVNFLFEGK.E	18
PHEAT+4680	proteomics_heat	3102349	3102387	+	1	8	K.EVHIEGYTPEDKK.-	17
PHEAT+4681	proteomics_heat	3102656	3102679	+	2	4	K.YTDQYQTR.S	12
PHEAT+4682	proteomics_heat	3102680	3102754	+	2	2	R.SHINFDDGTIT IETIAGTEPA AHLR.R	29
PHEAT+4683	proteomics_heat	3127198	3127248	+	1	4	N.GSRKASINNSAITGPMR.L	21
PHEAT+4684	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4685	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4686	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4687	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4688	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4689	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4690	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4691	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4692	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4693	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4694	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18

PHEAT+4695	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4696	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4697	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4698	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4699	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4700	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4701	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4702	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4703	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4704	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4705	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4706	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4707	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4708	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4709	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4710	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4711	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4712	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4713	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4714	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4715	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4716	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4717	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4718	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4719	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4720	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4721	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4722	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4723	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4724	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4725	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4726	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4727	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4728	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4729	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4730	proteomics_heat	3136752	3136778	+	3	4	M.TDNTYQPAK.V	13
PHEAT+4731	proteomics_heat	3136797	3136856	+	3	3	K.SAGGAFANINRPVSGPTHEK.T	24
PHEAT+4732	proteomics_heat	3136875	3136919	+	3	8	K.HPLQLYSLGTPNGQK.V	19
PHEAT+4733	proteomics_heat	3136992	3137048	+	3	5	R.IGDGDQFSSGFVEVNPNSK.I	23
PHEAT+4734	proteomics_heat	3137301	3137324	+	3	2	K.RLLDVLDK.Q	12
PHEAT+4735	proteomics_heat	3137529	3137564	+	3	3	R.TNGPLNEQLHER.H	16
PHEAT+4736	proteomics_heat	3137565	3137612	+	3	2	R.HDASDFETNTEDKRQG.-	20
PHEAT+4737	proteomics_heat	3137565	3137606	+	3	7	R.HDASDFETNTEDKR.Q	18
PHEAT+4738	proteomics_heat	3145991	3146056	+	2	2	R.LPALSGLWHNFGHVNALESQR.A	26
PHEAT+4739	proteomics_heat	3146534	3146617	+	2	2	K.SGLLDTLQNNVGCI AFTPLAQGLLTGK.Y	32
PHEAT+4740	proteomics_heat	3148098	3148148	+	3	2	K.QVAIPDIADLTSEQFQK.T	21



PHEAT+4741	proteomics_heat	3150270	3150302	+	3	6	K.KLDTQLVNAGR.S	15
PHEAT+4742	proteomics_heat	3150309	3150347	+	3	9	K.KYTLGAVNSVIQR.A	17
PHEAT+4743	proteomics_heat	3150312	3150347	+	3	3	K.YTLGAVNSVIQR.A	16
PHEAT+4744	proteomics_heat	3150630	3150683	+	3	6	K.LGVTTSWFDPLIGADIVK.H	22
PHEAT+4745	proteomics_heat	3150705	3150779	+	3	6	K.IVFLESPGSITMEVHDVPAIVA AVR.S	29
PHEAT+4746	proteomics_heat	3150888	3150941	+	3	7	K.YLVGHS DAMIGTAVCNAR.C	22
PHEAT+4747	proteomics_heat	3151074	3151112	+	3	4	K.VAEWLAEHPQVAR.V	17
PHEAT+4748	proteomics_heat	3151113	3151142	+	3	2	R.VNHPALPGSK.G	14
PHEAT+4749	proteomics_heat	3151164	3151205	+	3	2	R.DFTGSSGLFSFVLK.K	18
PHEAT+4750	proteomics_heat	3151344	3151436	+	3	2	G.EIDFSGTLIRLHIGLEDVDDLIADLDAGFAR.I	35
PHEAT+4751	proteomics_heat	3151374	3151436	+	3	13	R.LHIGLEDVDDLIADLDAGFAR.I	25
PHEAT+4752	proteomics_heat	3151858	3151929	+	1	2	R.WLGNTKTVKGWLAQLPAKYHQ RAT.C	28
PHEAT+4753	proteomics_heat	3153377	3153409	+	2	8	V.MNNFNLHTPTR.I	15
PHEAT+4754	proteomics_heat	3153470	3153502	+	2	4	R.VLITYGGGSVK.K	15
PHEAT+4755	proteomics_heat	3153503	3153541	+	2	5	K.KTGVL DQVLDALK.G	17
PHEAT+4756	proteomics_heat	3153506	3153541	+	2	3	K.TGVL DQVLDALK.G	16
PHEAT+4757	proteomics_heat	3153542	3153613	+	2	10	K.GMDVLEFGGIEPNPAYETLMNAVK.L	28
PHEAT+4758	proteomics_heat	3153632	3153682	+	2	2	K.VTFLAVGGGSVLDGTK.F	21
PHEAT+4759	proteomics_heat	3153683	3153751	+	2	9	K.FIAAAANYPENIDPWHILQTGGK.E	27
PHEAT+4760	proteomics_heat	3153761	3153838	+	2	8	K.SAIPMGCVLTLPATGSESNAGAVISR.K	30
PHEAT+4761	proteomics_heat	3153842	3153934	+	2	3	K.TTGDKQAFHSAHVQPVFAVLDPVYTYTLPPR.Q	35
PHEAT+4762	proteomics_heat	3153857	3153934	+	2	19	K.QAFHSAHVQPVFAVLDPVYTYTLPPR.Q	30
PHEAT+4763	proteomics_heat	3153872	3153934	+	2	3	S.AHVQPVFAVLDPVYTYTLPPR.Q	25
PHEAT+4764	proteomics_heat	3153935	3154009	+	2	16	R.QVANGVVDAFVHTVEQYVTKPVD A.K	29
PHEAT+4765	proteomics_heat	3154022	3154066	+	2	28	R.FAEGILLTLIEDGPK.A	19
PHEAT+4766	proteomics_heat	3154067	3154099	+	2	12	K.ALKEPENYDVR.A	15
PHEAT+4767	proteomics_heat	3154307	3154369	+	2	7	R.VWNITEGSDDERIDAAIAATR.N	25
PHEAT+4768	proteomics_heat	3154343	3154369	+	2	2	R.IDAAIAATR.N	13
PHEAT+4769	proteomics_heat	3154370	3154450	+	2	12	R.NFFEQLGVPTHLSDYGLDGSSIPALLK.K	31
PHEAT+4770	proteomics_heat	3154370	3154453	+	2	2	R.NFFEQLGVPTHLSDYGLDGSSIPALLKK.L	32
PHEAT+4771	proteomics_heat	3154451	3154516	+	2	59	K.KLEE HGMTQLGENHDITLDVSR.R	26
PHEAT+4772	proteomics_heat	3154454	3154519	+	2	2	K.LEEHGMTQLGENHDITLDVSR.R	26
PHEAT+4773	proteomics_heat	3154454	3154516	+	2	2	K.LEEHGMTQLGENHDITLDVSR.R	25
PHEAT+4774	proteomics_heat	3154774	3154821	+	1	4	R.SIDTAAAYKNEEGVGK.A	20
PHEAT+4775	proteomics_heat	3154831	3154872	+	1	6	K.NASVNREELFITTK.L	18
PHEAT+4776	proteomics_heat	3154873	3154893	+	1	3	K.LWNDDHK.R	11
PHEAT+4777	proteomics_heat	3154903	3154929	+	1	2	R.EALLDSLKK.L	13
PHEAT+4778	proteomics_heat	3155086	3155154	+	1	5	R.LIDETGVTVINQIELHPLMQQR.Q	27
PHEAT+4779	proteomics_heat	3155278	3155301	+	1	3	K.TPAQIVIR.W	12
PHEAT+4780	proteomics_heat	3155302	3155337	+	1	2	R.WHLDSGLVVIPK.S	16
PHEAT+4781	proteomics_heat	3170555	3170584	+	2	3	M.SNILIINGAK.K	14
PHEAT+4782	proteomics_heat	3170585	3170650	+	2	2	K.KFAHSNGQLNDTLTEVADGTLR.D	26
PHEAT+4783	proteomics_heat	3170588	3170650	+	2	3	K.FAHSNGQLNDTLTEVADGTLR.D	25
PHEAT+4784	proteomics_heat	3170681	3170704	+	2	3	R.ADSYDVK.A	12
PHEAT+4785	proteomics_heat	3170792	3170848	+	2	8	K.YIDDV FTEGHGTLYASDGR.T	23
PHEAT+4786	proteomics_heat	3170870	3170902	+	2	2	K.KYGSGGLVQ GK.K	15

PHEAT+4787	proteomics_heat	3170957	3171010	+	2	2	K.DQFFHGVGDGVYLPFHK.A	22
PHEAT+4788	proteomics_heat	3171215	3171241	+	2	2	R.QAVLDQFAK.I	13
PHEAT+4789	proteomics_heat	3171410	3171457	+	2	8	K.AYSEAVKGDVLEMNIR.I	20
PHEAT+4790	proteomics_heat	3171431	3171457	+	2	2	K.GDVLEMNIR.I	13
PHEAT+4791	proteomics_heat	3176203	3176235	+	1	3	A.ENLMQVYQQR.L	15
PHEAT+4792	proteomics_heat	3176260	3176292	+	1	3	K.SAADRDAAFEK.I	15
PHEAT+4793	proteomics_heat	3176308	3176367	+	1	7	R.SPILLPQLGLGADYTYSNGYR.D	24
PHEAT+4794	proteomics_heat	3176368	3176442	+	1	14	R.DANGINSNATSASLQLTQSIFDMSK.W	29
PHEAT+4795	proteomics_heat	3176632	3176676	+	1	21	R.FNVGLVAITDVQNAR.A	19
PHEAT+4796	proteomics_heat	3176677	3176718	+	1	8	R.AQYDTVLANEVTAR.N	18
PHEAT+4797	proteomics_heat	3176719	3176751	+	1	5	R.NNLDNAVEQLR.Q	15
PHEAT+4798	proteomics_heat	3176752	3176808	+	1	11	R.QITGNYPPELAAALNVENFK.T	23
PHEAT+4799	proteomics_heat	3176809	3176844	+	1	5	K.TDKPQPVNALLK.E	16
PHEAT+4800	proteomics_heat	3176917	3176997	+	1	5	R.QAQDGHPLTDLTASTGISDTSYSGSK.T	31
PHEAT+4801	proteomics_heat	3177004	3177051	+	1	13	R.GAAGTQYDDSNMGQNK.V	20
PHEAT+4802	proteomics_heat	3177052	3177111	+	1	6	K.VGLSFSLPYQGGMVNSQVK.Q	24
PHEAT+4803	proteomics_heat	3177067	3177111	+	1	3	F.SLPYQGGMVNSQVK.Q	19
PHEAT+4804	proteomics_heat	3177112	3177165	+	1	8	K.QAQYNFVGASEQLESAHR.S	22
PHEAT+4805	proteomics_heat	3177187	3177237	+	1	10	R.SSFNNINASSINAYK.Q	21
PHEAT+4806	proteomics_heat	3177304	3177351	+	1	22	R.TIVDVLDTTLYNAK.Q	20
PHEAT+4807	proteomics_heat	3177373	3177405	+	1	4	R.YNYLINQLNIK.S	15
PHEAT+4808	proteomics_heat	3177466	3177579	+	1	3	K.PVSTNPENVAPQTPEQNAIADGYAPDSPAPVVQQT SAR.T	42
PHEAT+4809	proteomics_heat	3177580	3177615	+	1	2	R.TTTSNGHNPFRN.-	16
PHEAT+4810	proteomics_heat	3177946	3177984	+	1	2	K.SAECTTAYNNALK.E	17
PHEAT+4811	proteomics_heat	3178165	3178215	+	1	4	R.LMGGGAGFAQQPLFSSK.N	21
PHEAT+4812	proteomics_heat	3178264	3178290	+	1	2	K.NYGAAQPGR.T	13
PHEAT+4813	proteomics_heat	3178309	3178353	+	1	3	K.TAMAPKPATTTTVTR.G	19
PHEAT+4814	proteomics_heat	3178560	3178625	+	3	4	K.LTLAQVEKLEEVTAELHQMCLK.V	26
PHEAT+4815	proteomics_heat	3178584	3178625	+	3	4	K.LEEVTAELHQMCLK.V	18
PHEAT+4816	proteomics_heat	3178704	3178742	+	3	4	R.QSWLTHQPSLYSR.L	17
PHEAT+4817	proteomics_heat	3179091	3179138	+	3	4	K.GQFTDLQDQVISNLFK.L	20
PHEAT+4818	proteomics_heat	3179745	3179798	+	3	37	T.TANNALALGSITCHLHGR.G	22
PHEAT+4819	proteomics_heat	3183051	3183077	+	3	3	R.EKLALLEQR.I	13
PHEAT+4820	proteomics_heat	3195471	3195545	+	3	2	R.QTQIKLPPVDFPLTVSHRIHWAIME.E	29
PHEAT+4821	proteomics_heat	3199505	3199537	+	2	5	R.SRVPDLENQVK.T	15
PHEAT+4822	proteomics_heat	3199538	3199585	+	2	2	K.TLTDKLTNIDNTWNQR.T	20
PHEAT+4823	proteomics_heat	3199607	3199657	+	2	4	K.VAQSDSVINGLKEENQK.L	21
PHEAT+4824	proteomics_heat	3199658	3199687	+	2	5	K.LKNELIVAQK.K	14
PHEAT+4825	proteomics_heat	3200279	3200314	+	2	2	R.HVSPAFGEDPLR.V	16
PHEAT+4826	proteomics_heat	3200396	3200440	+	2	3	R.EMTHAGELEHLTPER.V	19
PHEAT+4827	proteomics_heat	3208818	3208856	+	3	2	K.VRENEPFDVALRR.F	17
PHEAT+4828	proteomics_heat	3208818	3208853	+	3	9	K.VRENEPFDVALR.R	16
PHEAT+4829	proteomics_heat	3208824	3208853	+	3	2	R.ENEFPDVALR.R	14
PHEAT+4830	proteomics_heat	3208878	3208901	+	3	4	K.AGVLAEVR.R	12
PHEAT+4831	proteomics_heat	3208908	3208937	+	3	8	R.EFYEKPTTER.K	14
PHEAT+4832	proteomics_heat	3208908	3208940	+	3	5	R.EFYEKPTTERK.R	15

PHEAT+4833	proteomics_heat	3210299	3210352	+	2	2	R.LSTLALPLISQVPGETLR.I	22
PHEAT+4834	proteomics_heat	3211069	3211098	+	1	2	L.MEQNPQSQLK.L	14
PHEAT+4835	proteomics_heat	3211378	3211407	+	1	2	R.EMGTVELLTR.E	14
PHEAT+4836	proteomics_heat	3211408	3211434	+	1	2	R.EGEIDIAGR.I	13
PHEAT+4837	proteomics_heat	3211408	3211431	+	1	2	R.EGEIDIAK.R	12
PHEAT+4838	proteomics_heat	3211432	3211518	+	1	7	K.RIEDGINQVQCSVAEYPEAITYLLEQYDR.V	33
PHEAT+4839	proteomics_heat	3211435	3211518	+	1	3	R.IEDGINQVQCSVAEYPEAITYLLEQYDR.V	32
PHEAT+4840	proteomics_heat	3211435	3211539	+	1	4	R.IEDGINQVQCSVAEYPEAITYLLEQYDRVEAEEAR.L	39
PHEAT+4841	proteomics_heat	3211666	3211722	+	1	2	E.DGDDDSADDDNSIDPELAR.E	23
PHEAT+4842	proteomics_heat	3211669	3211722	+	1	4	D.GDDDSADDDNSIDPELAR.E	22
PHEAT+4843	proteomics_heat	3211675	3211722	+	1	2	D.DDSADDDNSIDPELAR.E	20
PHEAT+4844	proteomics_heat	3211789	3211821	+	1	14	R.SHATAQEEILK.L	15
PHEAT+4845	proteomics_heat	3211861	3211890	+	1	3	K.QFDYLVNSMR.V	14
PHEAT+4846	proteomics_heat	3211936	3211956	+	1	2	K.LCVEQCK.M	11
PHEAT+4847	proteomics_heat	3211966	3212019	+	1	9	K.KNFITLFTGNETSDTWFN.A	22
PHEAT+4848	proteomics_heat	3212020	3212055	+	1	2	N.AAIAMNKPWSEK.L	16
PHEAT+4849	proteomics_heat	3212056	3212085	+	1	14	K.LHDVSEEVHR.A	14
PHEAT+4850	proteomics_heat	3212098	3212145	+	1	4	K.LQQIEETGLTIEQVK.D	20
PHEAT+4851	proteomics_heat	3212260	3212310	+	1	30	R.GLQFLDLIQEGNIGLMK.A	21
PHEAT+4852	proteomics_heat	3212311	3212334	+	1	5	K.AVDKFEYR.R	12
PHEAT+4853	proteomics_heat	3212422	3212454	+	1	7	R.IPVHMIETINK.L	15
PHEAT+4854	proteomics_heat	3212473	3212526	+	1	2	R.QMLQEMGREPTPEELER.M	22
PHEAT+4855	proteomics_heat	3212575	3212691	+	1	2	K.EPISMETPIGDDEDSHLDGDFIEDTTLELPLDSATTESLR.A	43
PHEAT+4856	proteomics_heat	3212575	3212622	+	1	2	K.EPISMETPIGDDEDSH.L	20
PHEAT+4857	proteomics_heat	3212692	3212730	+	1	9	R.AATHDVLAGLTAR.E	17
PHEAT+4858	proteomics_heat	3212755	3212802	+	1	7	R.FGIDMNTDYTLLEEVGK.Q	20
PHEAT+4859	proteomics_heat	3214969	3214992	+	1	2	R.FFGHGELR.L	12
PHEAT+4860	proteomics_heat	3215050	3215148	+	1	3	K.AIENLTQGNYPSPGVIYPTLDFLQEQLITIR.E	37
PHEAT+4861	proteomics_heat	3215335	3215373	+	1	5	R.VNQSDISDAQIKK.I	17
PHEAT+4862	proteomics_heat	3215371	3215394	+	1	2	K.KIIAVIDR.A	12
PHEAT+4863	proteomics_heat	3220256	3220315	+	2	2	R.GLNIPQDISLISVNDIPTAR.F	24
PHEAT+4864	proteomics_heat	3220346	3220396	+	2	3	R.IHSEMMGSQGVNLVYEK.A	21
PHEAT+4865	proteomics_heat	3235699	3235731	+	1	2	K.TACLPNFHLLR.Q	15
PHEAT+4866	proteomics_heat	3238695	3238730	+	3	3	R.RNPFPLVLLCLR.E	16
PHEAT+4867	proteomics_heat	3238761	3238805	+	3	4	R.SSAANIPVNMALCEK.L	19
PHEAT+4868	proteomics_heat	3239184	3239207	+	3	3	R.LANSALRN.-	12
PHEAT+4869	proteomics_heat	3244908	3244976	+	3	6	R.HQQAADNNMEFANYGPFELLQAR.Q	27
PHEAT+4870	proteomics_heat	3244977	3245027	+	3	2	R.QLIESNIAEFAATQVTK.Q	21
PHEAT+4871	proteomics_heat	3245232	3245273	+	3	2	R.TVDNWCDHDQILK.A	18
PHEAT+4872	proteomics_heat	3245391	3245447	+	3	4	R.YLFAENPVVHLDTATSGSK.-	23
PHEAT+4873	proteomics_heat	3247442	3247489	+	2	11	K.SLSDTLEEVLSSSGEK.S	20
PHEAT+4874	proteomics_heat	3247550	3247585	+	2	3	R.YRLGETGDIAIK.Q	16
PHEAT+4875	proteomics_heat	3247556	3247585	+	2	6	R.LGETGDIAIK.Q	14
PHEAT+4876	proteomics_heat	3249049	3249096	+	1	2	M.GQLIDGVWHDTWYDTK.S	20
PHEAT+4877	proteomics_heat	3249466	3249507	+	1	5	K.NHTIVSNESAIIIR.M	18
PHEAT+4878	proteomics_heat	3249634	3249681	+	1	2	K.AGFATSQEAYDEAVAK.V	20

PHEAT+4879	proteomics_heat	3266239	3266304	+	1	2	A.VNKKELECIKETISKYCAKFR.K	26
PHEAT+4880	proteomics_heat	3275126	3275191	+	2	2	K.LKPGQDSIHYEILPGGQVFMCR.L	26
PHEAT+4881	proteomics_heat	3283584	3283649	+	3	2	R.MQAGGFTWAMPLILKKIYKDDK.P	26
PHEAT+4882	proteomics_heat	3291794	3291832	+	2	2	K.ITPADLEQNQQAR.Y	17
PHEAT+4883	proteomics_heat	3292139	3292168	+	2	2	K.MLPTQLVNVK.A	14
PHEAT+4884	proteomics_heat	3292499	3292588	+	2	7	K.IYDTSSQPLSQILSQVQQDGASIVVGPLLK.N	34
PHEAT+4885	proteomics_heat	3292589	3292669	+	2	10	K.NNVEELLKSNTPNLNVLALNQPENIENR.V	31
PHEAT+4886	proteomics_heat	3292613	3292669	+	2	2	K.SNTPLNVLALNQPENIENR.V	23
PHEAT+4887	proteomics_heat	3292826	3292855	+	2	4	K.LGGGTVLQQK.F	14
PHEAT+4888	proteomics_heat	3292880	3292936	+	2	4	R.AGVNGGSGIALTGSPITLR.A	23
PHEAT+4889	proteomics_heat	3292937	3293023	+	2	6	R.ATTDSGMTTNNPTLQTTPTDDQFTNNGGR.V	33
PHEAT+4890	proteomics_heat	3293336	3293407	+	2	3	R.QVQGFINGNTGSLTANPDCVINR.N	28
PHEAT+4891	proteomics_heat	3294029	3294109	+	2	3	R.FETERPSLPAIALNTDNVVLTAIANDR.L	31
PHEAT+4892	proteomics_heat	3294110	3294133	+	2	2	R.LHDEVYAK.Q	12
PHEAT+4893	proteomics_heat	3294548	3294589	+	2	2	R.SVGTQVDDGTLEVR.V	18
PHEAT+4894	proteomics_heat	3294590	3294628	+	2	3	R.VNSALSKDEQIKK.E	17
PHEAT+4895	proteomics_heat	3294665	3294709	+	2	2	K.VLLVGQSPNAELSAR.A	19
PHEAT+4896	proteomics_heat	3294716	3294766	+	2	3	K.QIAMGVDGANEVYNEIR.Q	21
PHEAT+4897	proteomics_heat	3294875	3294925	+	2	5	K.VTTENGEVFLMGLVTER.E	21
PHEAT+4898	proteomics_heat	3302370	3302426	+	3	2	R.ETDADEIMVNGQIFDHQAR.L	23
PHEAT+4899	proteomics_heat	3316698	3316754	+	3	22	R.IGIAFSGGLDTSALLWMR.Q	23
PHEAT+4900	proteomics_heat	3316755	3316832	+	3	4	R.QKGAVPYAYTANLQGPDEEDYDAIPR.R	30
PHEAT+4901	proteomics_heat	3316761	3316832	+	3	18	K.GAVPYAYTANLQGPDEEDYDAIPR.R	28
PHEAT+4902	proteomics_heat	3316776	3316832	+	3	4	Y.AYTANLQGPDEEDYDAIPR.R	23
PHEAT+4903	proteomics_heat	3316800	3316832	+	3	3	Q.PDEEDYDAIPR.R	15
PHEAT+4904	proteomics_heat	3316833	3316865	+	3	15	R.RAMEYGAENAR.L	15
PHEAT+4905	proteomics_heat	3316836	3316865	+	3	5	R.AMEYGAENAR.L	14
PHEAT+4906	proteomics_heat	3316881	3316979	+	3	27	R.KQLVAEGIAAIQCGAFHNTTGGLTYFNTPPLGR.A	37
PHEAT+4907	proteomics_heat	3316881	3316931	+	3	6	R.KQLVAEGIAAIQCGAFH.N	21
PHEAT+4908	proteomics_heat	3316884	3316979	+	3	26	K.QLVAEGIAAIQCGAFHNTTGGLTYFNTPPLGR.A	36
PHEAT+4909	proteomics_heat	3316932	3316979	+	3	2	H.NTTGGLTYFNTPPLGR.A	20
PHEAT+4910	proteomics_heat	3316980	3317015	+	3	6	R.AVTGTMVAAMK.E	16
PHEAT+4911	proteomics_heat	3316980	3317057	+	3	25	R.AVTGTMVAAMKEDGVNIWGDGSTYK.G	30
PHEAT+4912	proteomics_heat	3317016	3317057	+	3	7	K.EDGVNIWGDGSTYK.G	18
PHEAT+4913	proteomics_heat	3317085	3317165	+	3	102	R.YGLLTNAELQIYKPWLDTDFIDELGGR.H	31
PHEAT+4914	proteomics_heat	3317166	3317210	+	3	43	R.HEMSEFMIAACGFDYK.M	19
PHEAT+4915	proteomics_heat	3317226	3317273	+	3	12	K.AYSTDSNMLGATHEAK.D	20
PHEAT+4916	proteomics_heat	3317226	3317303	+	3	4	K.AYSTDSNMLGATHEAKDLEYLNSSVK.I	30
PHEAT+4917	proteomics_heat	3317274	3317303	+	3	15	K.DLEYLNSSVK.I	14
PHEAT+4918	proteomics_heat	3317304	3317330	+	3	6	K.IVNPIMGVK.F	13
PHEAT+4919	proteomics_heat	3317331	3317378	+	3	14	K.FWDESVKIPAEVTVR.F	20
PHEAT+4920	proteomics_heat	3317331	3317351	+	3	2	K.FWDESVK.I	11
PHEAT+4921	proteomics_heat	3317352	3317378	+	3	7	K.IPAEEVTVR.F	13
PHEAT+4922	proteomics_heat	3317379	3317414	+	3	26	R.FEQGHPVALNGK.T	16
PHEAT+4923	proteomics_heat	3317415	3317456	+	3	13	K.TFSDDVEMMLEANR.I	18
PHEAT+4924	proteomics_heat	3317469	3317504	+	3	18	R.HGLGMSDQIENR.I	16

PHEAT+4925	proteomics_heat	3317502	3317576	+	3	9	N.RIIEAKSRGIYEAPGMALLHIAYER.L	29
PHEAT+4926	proteomics_heat	3317526	3317576	+	3	30	R.GIYEAPGMALLHIAYER.L	21
PHEAT+4927	proteomics_heat	3317577	3317633	+	3	3	R.LLTGIHNEDTIEQYHAHGR.Q	23
PHEAT+4928	proteomics_heat	3317577	3317621	+	3	2	R.LLTGIHNEDTIEQYH.A	19
PHEAT+4929	proteomics_heat	3317577	3317627	+	3	2	R.LLTGIHNEDTIEQYHAH.G	21
PHEAT+4930	proteomics_heat	3317664	3317693	+	3	5	R.WFDSQALMLR.D	14
PHEAT+4931	proteomics_heat	3317709	3317753	+	3	98	R.WVASQITGEVTLLELR.R	19
PHEAT+4932	proteomics_heat	3317727	3317816	+	3	6	I.TGEVTLLELRGNDYSILNTVSENLYTKPER.L	34
PHEAT+4933	proteomics_heat	3317754	3317816	+	3	45	R.RGNDYSILNTVSENLYTKPER.L	25
PHEAT+4934	proteomics_heat	3317757	3317816	+	3	18	R.GNDYSILNTVSENLYTKPER.L	24
PHEAT+4935	proteomics_heat	3317817	3317861	+	3	4	R.LTMEKGDVSVFSPDDR.I	19
PHEAT+4936	proteomics_heat	3317832	3317861	+	3	4	K.GDSVFSPPDDR.I	14
PHEAT+4937	proteomics_heat	3317883	3317906	+	3	8	R.NLDITDTR.E	12
PHEAT+4938	proteomics_heat	3317907	3317930	+	3	4	R.EKLFGYAK.T	12
PHEAT+4939	proteomics_heat	3317931	3317999	+	3	12	K.TGLSSSAASGVPQVENLENKGQ.-	27
PHEAT+4940	proteomics_heat	3317931	3317993	+	3	11	K.TGLSSSAASGVPQVENLENK.G	25
PHEAT+4941	proteomics_heat	3326016	3326051	+	3	2	R.ETGACNVQVIGK.T	16
PHEAT+4942	proteomics_heat	3327045	3327110	+	3	2	A.ANVDEYITQLPAGANLALMVQK.V	26
PHEAT+4943	proteomics_heat	3328191	3328223	+	3	5	R.AGLHQAGVDGK.V	15
PHEAT+4944	proteomics_heat	3328236	3328298	+	3	4	K.TGSLQGVYNLAGFITTASGQR.M	25
PHEAT+4945	proteomics_heat	3331807	3331866	+	1	2	L.NSDVQLINQLGYIVSGGGK.R	24
PHEAT+4946	proteomics_heat	3332086	3332121	+	1	2	R.AFQMMTSLGSLK.V	16
PHEAT+4947	proteomics_heat	3332251	3332334	+	1	3	R.LFEAAAQCSGILAGCTPEEEKGLQDYGR.Y	32
PHEAT+4948	proteomics_heat	3332335	3332406	+	1	9	R.YLGTAFLIDDLLDYNADGEQLGK.N	28
PHEAT+4949	proteomics_heat	3332407	3332499	+	1	2	K.NVGDDLNEGKPTLPLHAMHHGTPEQAQMIR.T	35
PHEAT+4950	proteomics_heat	3332527	3332586	+	1	5	R.HLLEPVLEAMNACGSLEWTR.Q	24
PHEAT+4951	proteomics_heat	3332587	3332655	+	1	3	R.QRAEEEEADKAIALQVLPDTPWR.E	27
PHEAT+4952	proteomics_heat	3333566	3333628	+	2	5	F.CHQVQQRELGLHIGRECRMRR.G	25
PHEAT+4953	proteomics_heat	3339291	3339338	+	3	5	M.SHVELQPGFDFQAGK.E	20
PHEAT+4954	proteomics_heat	3339651	3339689	+	3	3	R.LHVPLICITGRPE.S	17
PHEAT+4955	proteomics_heat	3339705	3339731	+	3	5	R.AADVHLCVK.V	13
PHEAT+4956	proteomics_heat	3339741	3339827	+	3	17	K.EACPLGLAPTSSTTATLVMGDALAVALLK.A	33
PHEAT+4957	proteomics_heat	3339834	3339887	+	3	6	R.GFTAEDFALSHPGGALGR.K	22
PHEAT+4958	proteomics_heat	3339903	3339947	+	3	6	R.VNDIMHTGDEIPHVK.K	19
PHEAT+4959	proteomics_heat	3339966	3339989	+	3	2	R.DALLEVTR.K	12
PHEAT+4960	proteomics_heat	3340137	3340187	+	3	16	R.VRPGILAVEALNMQSR.H	21
PHEAT+4961	proteomics_heat	3340939	3340986	+	1	2	K.DDTAQVVVNNNDPTYK.S	20
PHEAT+4962	proteomics_heat	3340987	3341040	+	1	2	K.SEHTDTLVYNPEGALSYR.L	22
PHEAT+4963	proteomics_heat	3341600	3341650	+	2	6	K.INADKVVVTRPGGEQGK.E	21
PHEAT+4964	proteomics_heat	3341615	3341650	+	2	3	K.VVVTRPGGEQGK.E	16
PHEAT+4965	proteomics_heat	3341876	3341917	+	2	2	K.RVTTVLVPSQLQDK.N	18
PHEAT+4966	proteomics_heat	3342131	3342190	+	2	3	R.DAGNIIIDDDDISLLPLHAR.A	24
PHEAT+4967	proteomics_heat	3342197	3342238	+	2	3	R.RGIGYLPQEASIFR.R	18
PHEAT+4968	proteomics_heat	3342284	3342307	+	2	2	R.DDLSAEQR.E	12
PHEAT+4969	proteomics_heat	3342317	3342358	+	2	7	R.ANELMEEFHIEHLR.D	18
PHEAT+4970	proteomics_heat	3342359	3342394	+	2	7	R.DSMQSLSGGER.R	16

PHEAT+4971	proteomics_heat	3342437	3342496	+	2	7	K.FILLDEPFAGVDPISVIDIK.R	24
PHEAT+4972	proteomics_heat	3342437	3342499	+	2	3	K.FILLDEPFAGVDPISVIDIKR.I	25
PHEAT+4973	proteomics_heat	3342584	3342661	+	2	5	R.AYIVSQGHILAHGTPTEILQDEHVKR.V	30
PHEAT+4974	proteomics_heat	3342584	3342658	+	2	4	R.AYIVSQGHILAHGTPTEILQDEHVK.R	29
PHEAT+4975	proteomics_heat	3342611	3342661	+	2	2	L.IAHGTPTEILQDEHVKR.V	21
PHEAT+4976	proteomics_heat	3342763	3342810	+	1	2	R.LSQQLAMTPQLQQAIR.L	20
PHEAT+4977	proteomics_heat	3342916	3342966	+	1	3	R.ETQDSETLDTADALEQK.E	21
PHEAT+4978	proteomics_heat	3343390	3343437	+	1	4	R.LIISDHLDLLANHDFR.T	20
PHEAT+4979	proteomics_heat	3343627	3343671	+	1	3	R.LQINQHYASMCNNAR.N	19
PHEAT+4980	proteomics_heat	3344017	3344061	+	1	2	K.LIAAENPAKPLSDSK.L	19
PHEAT+4981	proteomics_heat	3344195	3344245	+	2	10	T.MQLNITGNNVEITEALR.E	21
PHEAT+4982	proteomics_heat	3344723	3344770	+	2	5	K.QLSLPPQVVFEAILTR.E	20
PHEAT+4983	proteomics_heat	3344777	3344824	+	2	3	K.MGSTGIGNGIAIPHGK.L	20
PHEAT+4984	proteomics_heat	3345194	3345262	+	2	3	R.ALEDMGFYCVDNLPVLLPDLAR.T	27
PHEAT+4985	proteomics_heat	3345311	3345403	+	2	5	R.NMPESPEIFEQAMSNLPDAFSPQLLFLDADR.N	35
PHEAT+4986	proteomics_heat	3345461	3345517	+	2	3	K.NLSLESIAIDKESDLLEPLR.S	23
PHEAT+4987	proteomics_heat	3345524	3345583	+	2	7	R.ADLIVDTSEMSVHELAEMLR.T	24
PHEAT+4988	proteomics_heat	3345605	3345646	+	2	2	R.ERELTMVFESFGFK.H	18
PHEAT+4989	proteomics_heat	3345647	3345688	+	2	5	K.HGIPIDADYVFDVR.F	18
PHEAT+4990	proteomics_heat	3345719	3345769	+	2	3	K.LRPMTGLDKPVA AFLDR.H	21
PHEAT+4991	proteomics_heat	3345770	3345805	+	2	2	R.HTEVHNFIYQTR.S	16
PHEAT+4992	proteomics_heat	3345806	3345850	+	2	2	R.SYLELWLPMLETNNR.S	19
PHEAT+4993	proteomics_heat	3346894	3346974	+	1	3	R.ISESEVIPVCDNIGESTLIPLATWSK.W	31
PHEAT+4994	proteomics_heat	3352780	3352827	+	1	8	N.CGFGLIAHIEGEP SHK.V	20
PHEAT+4995	proteomics_heat	3352897	3352938	+	1	10	K.TGDGCGLLQKPDR.F	18
PHEAT+4996	proteomics_heat	3352984	3353043	+	1	17	K.NYAVGMLFLNKPELAAAAR.R	24
PHEAT+4997	proteomics_heat	3353017	3353043	+	1	5	K.DPELAAAAR.R	13
PHEAT+4998	proteomics_heat	3353044	3353070	+	1	11	R.RIVEEELQR.E	13
PHEAT+4999	proteomics_heat	3353047	3353070	+	1	3	R.IVEEELQR.E	12
PHEAT+5000	proteomics_heat	3353071	3353097	+	1	5	R.ETLSIVGWR.D	13
PHEAT+5001	proteomics_heat	3353098	3353154	+	1	17	R.DVPTNEGVLGEIALSSLPR.I	23
PHEAT+5002	proteomics_heat	3353245	3353307	+	1	30	K.RLEADKDFYVCSLSNLVNIYK.G	25
PHEAT+5003	proteomics_heat	3353248	3353307	+	1	28	R.LEADKDFYVCSLSNLVNIYK.G	24
PHEAT+5004	proteomics_heat	3353338	3353364	+	1	4	R.FYLDLADLR.L	13
PHEAT+5005	proteomics_heat	3353365	3353397	+	1	11	R.LESAICLFHQR.F	15
PHEAT+5006	proteomics_heat	3353398	3353421	+	1	5	R.FSTNTVPR.W	12
PHEAT+5007	proteomics_heat	3353446	3353490	+	1	28	R.YLAHNGEINTITG NR.Q	19
PHEAT+5008	proteomics_heat	3353653	3353706	+	1	17	R.LLVPPAWQNNPDMPELR.A	22
PHEAT+5009	proteomics_heat	3353707	3353781	+	1	16	R.AFFDFNSMHMEPWDG PAGIVMSDGR.F	29
PHEAT+5010	proteomics_heat	3353842	3353910	+	1	10	K.DKLITCASEVGIWDYQPDEVVEK.G	27
PHEAT+5011	proteomics_heat	3353848	3353910	+	1	6	K.LITCASEVGIWDYQPDEVVEK.G	25
PHEAT+5012	proteomics_heat	3353917	3353952	+	1	8	R.VGPGELMVIDTR.S	16
PHEAT+5013	proteomics_heat	3353962	3354003	+	1	16	R.ILHSAETDDDLKSR.H	18
PHEAT+5014	proteomics_heat	3353962	3353997	+	1	15	R.ILHSAETDDDLK.S	16
PHEAT+5015	proteomics_heat	3354040	3354087	+	1	9	R.RLVPFEDLPDEEVGSR.E	20
PHEAT+5016	proteomics_heat	3354043	3354087	+	1	10	R.LVPFEDLPDEEVGSR.E	19

PHEAT+5017	proteomics_heat	3354088	3354123	+	1	13	R.ELDDDTLASQK.Q	16
PHEAT+5018	proteomics_heat	3354124	3354165	+	1	5	K.QFNYSAEELDSVIR.V	18
PHEAT+5019	proteomics_heat	3354130	3354246	+	1	3	F.NYSAEELDSVIRVLGENGQEAVGSMGDDTPFAVLSSQPR.I	43
PHEAT+5020	proteomics_heat	3354166	3354246	+	1	14	R.VLGENGQEAVGSMGDDTPFAVLSSQPR.I	31
PHEAT+5021	proteomics_heat	3354247	3354267	+	1	4	R.IIYDYFR.Q	11
PHEAT+5022	proteomics_heat	3354268	3354351	+	1	2	R.QQFAQVTNPPIDPLREAHVMSLATSIGR.E	32
PHEAT+5023	proteomics_heat	3354268	3354312	+	1	8	R.QQFAQVTNPPIDPLR.E	19
PHEAT+5024	proteomics_heat	3354313	3354351	+	1	10	R.EAHVMSLATSIGR.E	17
PHEAT+5025	proteomics_heat	3354352	3354393	+	1	11	R.EMNVFCEAEGQHR.L	18
PHEAT+5026	proteomics_heat	3354406	3354435	+	1	5	K.SPILLYSDFK.Q	14
PHEAT+5027	proteomics_heat	3354469	3354504	+	1	3	R.ADTLDITFDVTK.T	16
PHEAT+5028	proteomics_heat	3354562	3354594	+	1	8	R.SGTVLLVLSDR.N	15
PHEAT+5029	proteomics_heat	3354607	3354657	+	1	9	K.DRLPVPAPMAVGAIQTR.L	21
PHEAT+5030	proteomics_heat	3354613	3354657	+	1	2	R.LPVPAPMAVGAIQTR.L	19
PHEAT+5031	proteomics_heat	3354679	3354717	+	1	4	R.CDANIIVETASAR.D	17
PHEAT+5032	proteomics_heat	3354718	3354798	+	1	4	R.DPHHFVLLGFGATAIYPYLAYETLGR.L	31
PHEAT+5033	proteomics_heat	3354799	3354825	+	1	7	R.LVDTHAIK.D	13
PHEAT+5034	proteomics_heat	3354802	3354825	+	1	2	L.VDTHAIK.D	12
PHEAT+5035	proteomics_heat	3354895	3354924	+	1	5	K.MGISTIASYR.C	14
PHEAT+5036	proteomics_heat	3354934	3354999	+	1	15	K.LFEAVGLHDDVVGLCFQGA VSR.I	26
PHEAT+5037	proteomics_heat	3354997	3355053	+	1	8	S.RIGGASFEDFQQDLLNLSK.R	23
PHEAT+5038	proteomics_heat	3355000	3355056	+	1	3	R.IGGASFEDFQQDLLNLSK.R	23
PHEAT+5039	proteomics_heat	3355000	3355053	+	1	32	R.IGGASFEDFQQDLLNLSK.R	22
PHEAT+5040	proteomics_heat	3355072	3355101	+	1	3	R.KPISQGGLL.K.Y	14
PHEAT+5041	proteomics_heat	3355072	3355095	+	1	2	R.KPISQGGL.L	12
PHEAT+5042	proteomics_heat	3355102	3355149	+	1	7	K.YVHGGEYHAYNPDVVR.T	20
PHEAT+5043	proteomics_heat	3355102	3355125	+	1	3	K.YVHGGEYH.A	12
PHEAT+5044	proteomics_heat	3355150	3355206	+	1	4	R.TLQQAVQSGEYSYQYAK.L	23
PHEAT+5045	proteomics_heat	3355240	3355314	+	1	136	R.DLLAITPGENAVNIADVEPASELFK.R	29
PHEAT+5046	proteomics_heat	3355240	3355317	+	1	3	R.DLLAITPGENAVNIADVEPASELFK.R.F	30
PHEAT+5047	proteomics_heat	3355253	3355297	+	2	9	Q.LRRVKTRSTLLMLNR.Q	19
PHEAT+5048	proteomics_heat	3355255	3355314	+	1	4	I.TPGENAVNIADVEPASELFK.R	24
PHEAT+5049	proteomics_heat	3355258	3355314	+	1	3	T.PGENAVNIADVEPASELFK.R	23
PHEAT+5050	proteomics_heat	3355315	3355440	+	1	3	K.RFDTAAMSIGALSPEAHEALAEAMNSIGGNSNSGEGGEDPAR.Y	46
PHEAT+5051	proteomics_heat	3355318	3355440	+	1	5	R.FDTAAMSIGALSPEAHEALAEAMNSIGGNSNSGEGGEDPAR.Y	45
PHEAT+5052	proteomics_heat	3355489	3355539	+	1	48	R.FGVTPAYLVNADVIQIK.V	21
PHEAT+5053	proteomics_heat	3355540	3355611	+	1	9	K.VAQGAKPGEQQLPQDKVTPYIAK.L	28
PHEAT+5054	proteomics_heat	3355540	3355590	+	1	15	K.VAQGAKPGEQQLPQDK.V	21
PHEAT+5055	proteomics_heat	3355540	3355602	+	1	3	K.VAQGAKPGEQQLPQDKVTPY.I	25
PHEAT+5056	proteomics_heat	3355558	3355611	+	1	2	K.PGEGGQLPQDKVTPYIAK.L	22
PHEAT+5057	proteomics_heat	3355618	3355710	+	1	49	R.YSVPVGTLSPPPHHDIYSIEDLAQLIFDLK.Q	35
PHEAT+5058	proteomics_heat	3355744	3355791	+	1	11	K.LVSEPGVGTIATGVAK.A	20
PHEAT+5059	proteomics_heat	3355792	3355863	+	1	12	K.AYADLITIAGYDGGTGASPLSSVK.Y	28
PHEAT+5060	proteomics_heat	3355864	3355932	+	1	36	K.YAGCPWELGLVETQQALVANGLR.H	27
PHEAT+5061	proteomics_heat	3355945	3355968	+	1	4	R.LQVDGGLK.T	12
PHEAT+5062	proteomics_heat	3355990	3356055	+	1	19	K.AAILGAESFGFGTGP MVALGCK.Y	26

PHEAT+5063	proteomics_heat	3356065	3356121	+	1	19	R.ICHLNNCATGVATQDDKLR.K	23
PHEAT+5064	proteomics_heat	3356065	3356124	+	1	2	R.ICHLNNCATGVATQDDKLRK.N	24
PHEAT+5065	proteomics_heat	3356065	3356148	+	1	2	R.ICHLNNCATGVATQDDKLRKNHYHGLPF.K	32
PHEAT+5066	proteomics_heat	3356065	3356115	+	1	18	R.ICHLNNCATGVATQDDK.L	21
PHEAT+5067	proteomics_heat	3356152	3356181	+	1	5	K.VTNYFEFIAR.E	14
PHEAT+5068	proteomics_heat	3356191	3356220	+	1	2	R.ELMAQLGVTR.L	14
PHEAT+5069	proteomics_heat	3356242	3356280	+	1	3	R.TDLLKELDGFTAK.Q	17
PHEAT+5070	proteomics_heat	3356305	3356337	+	1	13	K.LLETAEPHPGK.A	15
PHEAT+5071	proteomics_heat	3356338	3356430	+	1	7	K.ALYCTENPPFDNGLLNAQLLQQAQKPFVDER.Q	35
PHEAT+5072	proteomics_heat	3356338	3356412	+	1	5	K.ALYCTENPPFDNGLLNAQLLQQAQK.P	29
PHEAT+5073	proteomics_heat	3356440	3356460	+	1	3	K.TFWFDIR.N	11
PHEAT+5074	proteomics_heat	3356473	3356547	+	1	14	R.SVGASLSGYIAQTHGDQGLAADPIK.A	29
PHEAT+5075	proteomics_heat	3356500	3356547	+	1	3	Y.IAQTHGDQGLAADPIK.A	20
PHEAT+5076	proteomics_heat	3356548	3356646	+	1	35	K.AYFNGTAGQSFQVWVWAGGVELYLTGDANDYVVGK.G	37
PHEAT+5077	proteomics_heat	3356647	3356688	+	1	8	K.GMAGGLIAIRPPVG.S	18
PHEAT+5078	proteomics_heat	3356647	3356700	+	1	8	K.GMAGGLIAIRPPVGSFR.S	22
PHEAT+5079	proteomics_heat	3356701	3356757	+	1	52	R.SHEASTIIGNTCLYGATGGR.L	23
PHEAT+5080	proteomics_heat	3356887	3356958	+	1	96	K.TGVNFGAGMTGGFAYVLDESGDFR.K	28
PHEAT+5081	proteomics_heat	3356962	3357030	+	1	2	K.RVNPELVEVLSVDALAIHEEHLR.G	27
PHEAT+5082	proteomics_heat	3356965	3357030	+	1	18	R.VNPELVEVLSVDALAIHEEHLR.G	26
PHEAT+5083	proteomics_heat	3357031	3357072	+	1	5	R.GLITEHVQHTGSQR.G	18
PHEAT+5084	proteomics_heat	3357073	3357114	+	1	9	R.GEEILANWSTFATK.F	18
PHEAT+5085	proteomics_heat	3357223	3357258	+	1	13	M.SQNVYQFIDLQR.V	16
PHEAT+5086	proteomics_heat	3357292	3357342	+	1	28	R.KIEFVEIYEPFSEGQAK.A	21
PHEAT+5087	proteomics_heat	3357295	3357342	+	1	6	K.IEFVEIYEPFSEGQAK.A	20
PHEAT+5088	proteomics_heat	3357358	3357393	+	1	4	R.CLSCGNPYCEWK.C	16
PHEAT+5089	proteomics_heat	3357394	3357429	+	1	7	K.CPVHNYIPNWLK.L	16
PHEAT+5090	proteomics_heat	3357448	3357507	+	1	11	R.IFEAAELSHQTNTLPEVCGR.V	24
PHEAT+5091	proteomics_heat	3357526	3357591	+	1	7	R.LCEGSCTLNDEFGAVTIGNIER.Y	26
PHEAT+5092	proteomics_heat	3357607	3357648	+	1	4	K.AFEMGWRPDMMSGVK.Q	18
PHEAT+5093	proteomics_heat	3357661	3357720	+	1	4	K.KVAIIGAGPAGLACADVLTR.N	24
PHEAT+5094	proteomics_heat	3357664	3357720	+	1	13	R.VAIIGAGPAGLACADVLTR.N	23
PHEAT+5095	proteomics_heat	3357664	3357720	+	1	13	R.VAIIGAGPAGLACADVLTR.N	23
PHEAT+5096	proteomics_heat	3357733	3357798	+	1	27	K.AVVFDRHPEIGLLTFGIPAFK.L	26
PHEAT+5097	proteomics_heat	3357733	3357807	+	1	6	K.AVVFDRHPEIGLLTFGIPAFKLEK.E	29
PHEAT+5098	proteomics_heat	3357751	3357807	+	1	2	R.HPEIGLLTFGIPAFKLEK.E	23
PHEAT+5099	proteomics_heat	3357751	3357798	+	1	16	R.HPEIGLLTFGIPAFK.L	20
PHEAT+5100	proteomics_heat	3357829	3357861	+	1	2	R.EIFTGMGIEFK.L	15
PHEAT+5101	proteomics_heat	3357883	3357957	+	1	28	R.DVQLDDLLSDYDAVFLGVGTYQSMR.G	29
PHEAT+5102	proteomics_heat	3357883	3357933	+	1	2	R.DVQLDDLLSDYDAVFLG.V	21
PHEAT+5103	proteomics_heat	3357958	3358026	+	1	7	R.GGLENEDADGVYAALPFLIANTK.Q	27
PHEAT+5104	proteomics_heat	3358054	3358083	+	1	7	R.DEPFVSMEGK.R	14
PHEAT+5105	proteomics_heat	3358084	3358131	+	1	3	K.RVVVLGGGDTAMDCVR.T	20
PHEAT+5106	proteomics_heat	3358087	3358131	+	1	7	N.VVVLGGGDTAMDCVR.T	19
PHEAT+5107	proteomics_heat	3358087	3358131	+	1	7	N.VVVLGGGDTAMDCVR.T	19
PHEAT+5108	proteomics_heat	3358177	3358206	+	1	10	R.RDEENMPGSR.R	14



PHEAT+5109	proteomics_heat	3358180	3358206	+	1	3	R.DEENMPGSR.R	13
PHEAT+5110	proteomics_heat	3358249	3358293	+	1	7	K.FNVQLGIEVNGNGK.V	19
PHEAT+5111	proteomics_heat	3358318	3358344	+	1	3	R.TEMGEPDAK.G	13
PHEAT+5112	proteomics_heat	3358354	3358431	+	1	13	R.RAEIVAGSEHIVPADAVIMAFGFRPH.N	30
PHEAT+5113	proteomics_heat	3358354	3358425	+	1	2	R.RAEIVAGSEHIVPADAVIMAFGFR.P	28
PHEAT+5114	proteomics_heat	3358357	3358452	+	1	13	R.AEIVAGSEHIVPADAVIMAFGFRPHMEWLAK.H	36
PHEAT+5115	proteomics_heat	3358357	3358431	+	1	9	R.AEIVAGSEHIVPADAVIMAFGFRPH.N	29
PHEAT+5116	proteomics_heat	3358453	3358482	+	1	13	K.HSVELDSQGR.I	14
PHEAT+5117	proteomics_heat	3358480	3358533	+	1	2	G.RIIAPEGSDNAFQTSNPK.I	22
PHEAT+5118	proteomics_heat	3358483	3358533	+	1	16	R.IIAPEGSDNAFQTSNPK.I	21
PHEAT+5119	proteomics_heat	3358534	3358560	+	1	4	K.IFAGGDIVR.G	13
PHEAT+5120	proteomics_heat	3358561	3358599	+	1	5	R.GSDLVVTIAIEGR.K	17
PHEAT+5121	proteomics_heat	3358600	3358635	+	1	3	R.KAADGIMNWLEV.-	16
PHEAT+5122	proteomics_heat	3362089	3362142	+	1	2	L.PFSLGLTTLRSRDRHYR.E	22
PHEAT+5123	proteomics_heat	3378294	3378332	+	3	2	K.LRQQALQYELEK.N	17
PHEAT+5124	proteomics_heat	3378333	3378386	+	3	3	K.NKAELDEYREELVSHFAR.S	22
PHEAT+5125	proteomics_heat	3378339	3378386	+	3	3	K.AELDEYREELVSHFAR.S	20
PHEAT+5126	proteomics_heat	3378387	3378425	+	3	3	R.SAELLDTMAHDYR.Q	17
PHEAT+5127	proteomics_heat	3378450	3378500	+	3	3	K.SSSLLPELSAEANPFR.N	21
PHEAT+5128	proteomics_heat	3378507	3378557	+	3	8	R.LAESEASNDQAPVQMPR.D	21
PHEAT+5129	proteomics_heat	3378558	3378590	+	3	5	R.DYSEGASGLLR.T	15
PHEAT+5130	proteomics_heat	3378846	3378908	+	3	2	A.SIPGQVADQAPLPSLAPMLEK.V	25
PHEAT+5131	proteomics_heat	3378987	3379067	+	3	4	K.FFGDDLDPDQPAQPFEGLSGVIIINASK.G	31
PHEAT+5132	proteomics_heat	3379068	3379112	+	3	3	K.GYVLTNNHVINQAQK.I	19
PHEAT+5133	proteomics_heat	3379155	3379214	+	3	4	K.LIGSDDQSDIALLQIQNPSK.L	24
PHEAT+5134	proteomics_heat	3379254	3379337	+	3	6	R.VGDFAVAVGNPFGLGQTATSGIVSALGR.S	32
PHEAT+5135	proteomics_heat	3379338	3379397	+	3	5	R.SGLNLEGLENFQITDASINR.G	24
PHEAT+5136	proteomics_heat	3379521	3379562	+	3	3	R.TLAQQQLIDFGEIKR.G	18
PHEAT+5137	proteomics_heat	3379692	3379751	+	3	5	K.AGDIITSLNGKPLNSFAELR.S	24
PHEAT+5138	proteomics_heat	3379758	3379784	+	3	2	R.IATTEPGTK.V	13
PHEAT+5139	proteomics_heat	3380414	3380452	+	2	2	R.GLNTNSHNQLEIR.T	17
PHEAT+5140	proteomics_heat	3380663	3380755	+	2	4	R.VPHIGDVVLAIGNPYNLGQTITQGIISATGR.I	35
PHEAT+5141	proteomics_heat	3380780	3380887	+	2	2	R.QNFLQTDASINHGNSGGALVNSLGELMGINTLSFDK.S	40
PHEAT+5142	proteomics_heat	3382731	3382760	+	3	3	R.SSAKQEELVK.A	14
PHEAT+5143	proteomics_heat	3382791	3382859	+	3	5	K.FSSQGEIVAALQEQGFDNINQSK.V	27
PHEAT+5144	proteomics_heat	3382911	3382973	+	3	4	K.MEMVYCLPAELGVPTTSSPLK.N	25
PHEAT+5145	proteomics_heat	3383076	3383150	+	3	5	K.AEGILGTIAGDDTIFTTPANGFTVK.D	29
PHEAT+5146	proteomics_heat	3383151	3383192	+	3	4	K.DLYEAILLFDQEL.-	18
PHEAT+5147	proteomics_heat	3383626	3383661	+	1	3	A.ADSIDAAQAQNR.E	16
PHEAT+5148	proteomics_heat	3385326	3385391	+	3	2	G.DNSPQAFELLVDVLRGFYRRVK.K	26
PHEAT+5149	proteomics_heat	3386013	3386039	+	3	3	A.TIANSARIR.F	13
PHEAT+5150	proteomics_heat	3387755	3387826	+	2	2	R.MLHEVQDVHEQLYAFNNTPIGTLR.I	28
PHEAT+5151	proteomics_heat	3397797	3397874	+	3	3	R.GQRLRYAIQFTRRSIGNKVERTDGGI.H	30
PHEAT+5152	proteomics_heat	3401506	3401541	+	1	2	L.MQALLLEQQDGK.T	16
PHEAT+5153	proteomics_heat	3401734	3401814	+	1	7	R.FHAGQEVLLTGWGVGENHWGGLAEQAR.V	31
PHEAT+5154	proteomics_heat	3401815	3401862	+	1	3	R.VKGDWLVAAMPQGLDAR.K	20

PHEAT+5155	proteomics_heat	3402100	3402132	+	1	2	R.DEFAESRPLEK.Q	15
PHEAT+5156	proteomics_heat	3402289	3402327	+	1	2	R.LQGVDSVMTPPER.R	17
PHEAT+5157	proteomics_heat	3402349	3402393	+	1	3	R.LVADLPESFYTQAAK.E	19
PHEAT+5158	proteomics_heat	3402394	3402459	+	1	5	K.EISLSEAPNFAEAIINNQIQGR.T	26
PHEAT+5159	proteomics_heat	3403479	3403550	+	3	7	K.KLIELVEESGISELEISEGEEVSR.I	28
PHEAT+5160	proteomics_heat	3403596	3403709	+	3	3	Q.AYAAPMMQQAQSNAAAPATVPSMEAPAAAEEISGHIVR.S	42
PHEAT+5161	proteomics_heat	3403602	3403709	+	3	4	Y.AAPMMQQAQSNAAAPATVPSMEAPAAAEEISGHIVR.S	40
PHEAT+5162	proteomics_heat	3403710	3403736	+	3	9	R.SPMVGTFFYR.T	13
PHEAT+5163	proteomics_heat	3403758	3403781	+	3	2	K.AFIEVGQK.V	12
PHEAT+5164	proteomics_heat	3403824	3403865	+	3	2	K.MMNQIEADKSGTVK.A	18
PHEAT+5165	proteomics_heat	3403827	3403865	+	3	2	M.MNQIEADKSGTVK.A	17
PHEAT+5166	proteomics_heat	3404020	3404058	+	1	3	K.TVAVHSSADRLK.H	17
PHEAT+5167	proteomics_heat	3404020	3404049	+	1	20	K.TVAVHSSADR.D	14
PHEAT+5168	proteomics_heat	3404059	3404112	+	1	14	K.HVLLADETVICIGPAPSVK.S	22
PHEAT+5169	proteomics_heat	3404230	3404256	+	1	3	R.SGFIFIGPK.A	13
PHEAT+5170	proteomics_heat	3404311	3404376	+	1	6	K.KAGVPCVPGSDGPLGDDMDKNR.A	26
PHEAT+5171	proteomics_heat	3404314	3404370	+	1	2	K.AGVPCVPGSDGPLGDDMDK.N	23
PHEAT+5172	proteomics_heat	3404392	3404415	+	1	2	R.IGYPVIIK.A	12
PHEAT+5173	proteomics_heat	3404449	3404496	+	1	4	R.VVRGDAELAQSISMTR.A	20
PHEAT+5174	proteomics_heat	3404509	3404544	+	1	2	K.AAFSNDMVYMEK.Y	16
PHEAT+5175	proteomics_heat	3404653	3404697	+	1	5	K.VVEEAPAPGITPELR.R	19
PHEAT+5176	proteomics_heat	3404815	3404868	+	1	11	R.IQVEHPVTEMITGVDLIK.E	22
PHEAT+5177	proteomics_heat	3404881	3404910	+	1	3	R.IAAGQPLSIK.Q	14
PHEAT+5178	proteomics_heat	3404881	3404931	+	1	6	R.IAAGQPLSIKQEEVHVR.G	21
PHEAT+5179	proteomics_heat	3404953	3404997	+	1	5	R.INAEDPNTFLPSPGK.I	19
PHEAT+5180	proteomics_heat	3405100	3405123	+	1	3	K.LICYGENR.D	12
PHEAT+5181	proteomics_heat	3405124	3405141	+	1	2	R.DVAIAR.E	10
PHEAT+5182	proteomics_heat	3405142	3405183	+	1	6	R.MKNALQELIIDGIK.T	18
PHEAT+5183	proteomics_heat	3405148	3405183	+	1	6	K.NALQELIIDGIK.T	16
PHEAT+5184	proteomics_heat	3405208	3405264	+	1	12	R.IMNDENFQHGTTNIHYLEK.K	23
PHEAT+5185	proteomics_heat	3407350	3407382	+	1	2	K.IEQLEDKDWER.E	15
PHEAT+5186	proteomics_heat	3407641	3407685	+	1	3	K.AIGIDIDPQAIQASR.D	19
PHEAT+5187	proteomics_heat	3407740	3407802	+	1	2	K.DQPEEMKADVVANILAGPLR.E	25
PHEAT+5188	proteomics_heat	3409308	3409376	+	3	19	R.VNSDVLTVSTVNSQDQVTKPLR.D	27
PHEAT+5189	proteomics_heat	3409521	3409547	+	3	3	R.AALMMGINR.G	13
PHEAT+5190	proteomics_heat	3413733	3413771	+	3	3	K.GQQLNASIIAQTR.L	17
PHEAT+5191	proteomics_heat	3413733	3413771	+	3	3	K.GQQLNASIIAQTR.L	17
PHEAT+5192	proteomics_heat	3415023	3415127	+	3	2	K.IRDGFVIPFNMPAIVELGTATGDFELIDQAGLGH.D	39
PHEAT+5193	proteomics_heat	3427354	3427395	+	1	3	R.LADDVGIWPLVVIR.G	18
PHEAT+5194	proteomics_heat	3427396	3427428	+	1	4	R.GDVHYVQIGAR.T	15
PHEAT+5195	proteomics_heat	3427429	3427470	+	1	3	R.TNIQDGSMLHVTHK.S	18
PHEAT+5196	proteomics_heat	3427534	3427566	+	1	4	K.VMLHGCTIGNR.V	15
PHEAT+5197	proteomics_heat	3427660	3427701	+	1	3	K.RLESGYLYLGSVPK.Q	18
PHEAT+5198	proteomics_heat	3427702	3427731	+	1	2	K.QIRPLSDEEK.A	14
PHEAT+5199	proteomics_heat	3427768	3427809	+	1	3	K.WKDEYLDQGNQTQP.-	18
PHEAT+5200	proteomics_heat	3431715	3431750	+	3	2	M.SVLQVLHIPDER.L	16

PHEAT+5201	proteomics_heat	3431757	3431801	+	3	2	R.KVAKPVEEVNAEIQR.I	19
PHEAT+5202	proteomics_heat	3431760	3431801	+	3	3	K.VAKPVEEVNAEIQR.I	18
PHEAT+5203	proteomics_heat	3431802	3431882	+	3	2	R.IVDDMFETMYAEEGIGLAATQVDIHQR.I	31
PHEAT+5204	proteomics_heat	3431922	3431954	+	3	2	R.LVLINPELLEK.S	15
PHEAT+5205	proteomics_heat	3431955	3432005	+	3	2	K.SGETGIEEGCLSIPEQR.A	21
PHEAT+5206	proteomics_heat	3432135	3432164	+	3	2	K.LFMDYLSPLK.Q	14
PHEAT+5207	proteomics_heat	3432548	3432586	+	2	5	R.LGCINVHGSLLPR.W	17
PHEAT+5208	proteomics_heat	3432698	3432748	+	2	5	K.LSCPITAEDTSGTLYDK.L	21
PHEAT+5209	proteomics_heat	3432923	3432976	+	2	7	R.AFPWPMSWLEIEGQPVK.V	22
PHEAT+5210	proteomics_heat	3432986	3433045	+	2	2	K.ASVIDTATNAAPGTILEANK.Q	24
PHEAT+5211	proteomics_heat	3433505	3433558	+	2	2	R.IPPHAALAETVEGAIAIK.R	22
PHEAT+5212	proteomics_heat	3434255	3434323	+	2	2	R.DRDIPELAQLQSEILDAIWPHLK.T	27
PHEAT+5213	proteomics_heat	3434405	3434455	+	2	4	R.TADAELCETGTPEQPGK.Q	21
PHEAT+5214	proteomics_heat	3475815	3475877	+	3	2	K.LKASQPSNIASQAETPPPHY.-	25
PHEAT+5215	proteomics_heat	3475821	3475877	+	3	5	K.ASQPSNIASQAETPPPHY.-	23
PHEAT+5216	proteomics_heat	3479353	3479397	+	1	2	R.VLLDNATATINPGQK.V	19
PHEAT+5217	proteomics_heat	3479587	3479622	+	1	2	R.QLEAQLHDANER.N	16
PHEAT+5218	proteomics_heat	3479695	3479775	+	1	2	R.AASLLHGLGFSNEQLERPVSDFSGGWR.M	31
PHEAT+5219	proteomics_heat	3479890	3479955	+	1	3	K.SYQGTLLILISHDRDFLDPIVDK.I	26
PHEAT+5220	proteomics_heat	3480034	3480075	+	1	3	R.LAQQQAMYESQQR.V	18
PHEAT+5221	proteomics_heat	3480439	3480477	+	1	5	K.LGYFAQHQLEYLR.A	17
PHEAT+5222	proteomics_heat	3481096	3481140	+	1	3	R.KAELTACLQQQASAK.S	19
PHEAT+5223	proteomics_heat	3482524	3482589	+	1	2	K.HPVIAVTGSSGAGTTTTSLAFR.K	26
PHEAT+5224	proteomics_heat	3482704	3482784	+	1	8	R.HISYFGPEANDFGLLEQTFIEYGQSGK.G	31
PHEAT+5225	proteomics_heat	3483172	3483216	+	1	4	K.GIPSLDESFFVIHFR.N	19
PHEAT+5226	proteomics_heat	3484223	3484249	+	2	11	K.STLIHQGEK.A	13
PHEAT+5227	proteomics_heat	3484223	3484276	+	2	10	K.STLIHQGEKAETLYYIVK.G	22
PHEAT+5228	proteomics_heat	3484250	3484276	+	2	4	K.AETLYYIVK.G	13
PHEAT+5229	proteomics_heat	3484277	3484315	+	2	3	K.GSVAVLIKDEEGK.E	17
PHEAT+5230	proteomics_heat	3484406	3484444	+	2	2	R.AKTACEVAEISYK.K	17
PHEAT+5231	proteomics_heat	3484412	3484447	+	2	9	K.TACEVAEISYKK.F	16
PHEAT+5232	proteomics_heat	3484454	3484489	+	2	2	R.QLIQVNPDILMR.L	16
PHEAT+5233	proteomics_heat	3484535	3484570	+	2	6	K.VGNLAFLDVTR.I	16
PHEAT+5234	proteomics_heat	3484571	3484600	+	2	2	R.IAQTLLNLAK.Q	14
PHEAT+5235	proteomics_heat	3484601	3484642	+	2	4	K.QPDAMTHPDGMQIK.I	18
PHEAT+5236	proteomics_heat	3484652	3484684	+	2	3	R.QEIGQIVGCSR.E	15
PHEAT+5237	proteomics_heat	3484709	3484747	+	2	9	K.MLEDQNLISAHGK.T	17
PHEAT+5238	proteomics_heat	3492438	3492527	+	3	2	L.NAIESCARRSKRGAVVGGGLGLEAAGALK.N	34
PHEAT+5239	proteomics_heat	3496270	3496317	+	1	3	R.EKLESLLPLHLGQVAK.Y	20
PHEAT+5240	proteomics_heat	3496444	3496494	+	1	2	K.AITETTEQLINEPLDHR.G	21
PHEAT+5241	proteomics_heat	3497101	3497178	+	1	2	R.VIDGTLTQLGELAQQMNSPLIIGR.V	30
PHEAT+5242	proteomics_heat	3502131	3502220	+	3	3	R.LLDDIAQGVYQAGQQIPTENELCTQYNVSR.I	34
PHEAT+5243	proteomics_heat	3521577	3521624	+	3	2	R.MLDEGYITQQQFDQTR.T	20
PHEAT+5244	proteomics_heat	3522276	3522326	+	3	2	R.QVGSNIKPFLYTAAMDK.G	21
PHEAT+5245	proteomics_heat	3522771	3522818	+	3	2	K.SNVLENNDVEDVAISR.E	20
PHEAT+5246	proteomics_heat	3522885	3522944	+	3	2	K.TGAQEYAPHVINTPLAFLIK.S	24

PHEAT+5247	proteomics_heat	3522945	3523001	+	3	2	K.SALNTNIFGEPGWQGTGWR.A	23
PHEAT+5248	proteomics_heat	3523137	3523205	+	3	2	R.NLGHTTASGAIKDQISGYEGGAK.S	27
PHEAT+5249	proteomics_heat	3523239	3523310	+	3	2	K.AVLEGVPEQPLTPPGIVTVNIDR.S	28
PHEAT+5250	proteomics_heat	3527595	3527654	+	3	7	R.RPASEAALLYEETAESVEKR.E	24
PHEAT+5251	proteomics_heat	3527595	3527651	+	3	3	R.RPASEAALLYEETAESVEK.R	23
PHEAT+5252	proteomics_heat	3527850	3527921	+	3	20	R.GELVTVSETLQQILENHDYPQPVK.N	28
PHEAT+5253	proteomics_heat	3527922	3527975	+	3	70	K.NVLAELLVATSLLTATLK.F	22
PHEAT+5254	proteomics_heat	3527976	3528062	+	3	2	K.FDGDITVQLQGDGPMNLAVINGNNNQMR.G	33
PHEAT+5255	proteomics_heat	3528075	3528110	+	3	3	R.VQGEIPENADLK.T	16
PHEAT+5256	proteomics_heat	3528168	3528233	+	3	12	R.YQGVVGLGEDTLAACLEDYFMR.S	26
PHEAT+5257	proteomics_heat	3528429	3528482	+	3	2	R.LYHEEEVTVYDPQDVEFK.C	22
PHEAT+5258	proteomics_heat	3528639	3528671	+	3	4	R.NNASPADPQVH.-	15
PHEAT+5259	proteomics_heat	3530978	3531034	+	2	9	R.GVLTNLGAVAVDTGIFTGR.S	23
PHEAT+5260	proteomics_heat	3531044	3531061	+	2	2	K.DKYIVR.D	10
PHEAT+5261	proteomics_heat	3531107	3531157	+	2	2	K.GKNDNKPLSPETWQHLLK.G	21
PHEAT+5262	proteomics_heat	3531113	3531157	+	2	3	K.NDNKPLSPETWQHLLK.G	19
PHEAT+5263	proteomics_heat	3531287	3531361	+	2	6	K.NMFIRPSDEELAGFKPDFIVMNGAK.C	29
PHEAT+5264	proteomics_heat	3531383	3531433	+	2	4	K.EQGLNSENFAFNTER.M	21
PHEAT+5265	proteomics_heat	3531434	3531478	+	2	2	R.MQLIGGTWYGGEMKK.G	19
PHEAT+5266	proteomics_heat	3531479	3531517	+	2	2	K.GMFSMNNYLLPLK.G	17
PHEAT+5267	proteomics_heat	3531518	3531559	+	2	4	K.GIASMHCSANVGEK.G	18
PHEAT+5268	proteomics_heat	3531632	3531703	+	2	2	R.LIGDDEHGWDGDFVNFEGGCYAK.T	28
PHEAT+5269	proteomics_heat	3531839	3531889	+	2	8	R.VSYPYHIDNIVKPVSK.A	21
PHEAT+5270	proteomics_heat	3531908	3531958	+	2	3	K.VIFLTADAFGVLPVSR.L	21
PHEAT+5271	proteomics_heat	3531959	3532009	+	2	6	R.LTADQTYHFLSGFTAK.L	21
PHEAT+5272	proteomics_heat	3532124	3532183	+	2	2	R.MQAAGAQAYLNTGWNGTGK.R	24
PHEAT+5273	proteomics_heat	3532385	3532456	+	2	3	K.LFIDNFDKYTDTPAGAALVAAGPK.L	28
PHEAT+5274	proteomics_heat	3532385	3532459	+	2	4	K.LFIDNFDKYTDTPAGAALVAAGPKL.-	29
PHEAT+5275	proteomics_heat	3535485	3535523	+	3	2	R.LLDEGNTVPFIAR.Y	17
PHEAT+5276	proteomics_heat	3535533	3535568	+	3	3	K.EITGGLDDTQLR.N	16
PHEAT+5277	proteomics_heat	3535698	3535736	+	3	3	K.TELEDLYLPYKPK.R	17
PHEAT+5278	proteomics_heat	3535749	3535856	+	3	5	R.GQIAIEAGLEPLADLLWSDPSHTPEVAAAQYVYADK.G	40
PHEAT+5279	proteomics_heat	3535965	3536018	+	3	5	K.NAHLVSTVVSQKEEGAK.F	22
PHEAT+5280	proteomics_heat	3535965	3536000	+	3	4	K.NAHLVSTVVSQK.E	16
PHEAT+5281	proteomics_heat	3536025	3536072	+	3	7	R.DYFDHHEPLSTVPSHR.A	20
PHEAT+5282	proteomics_heat	3536265	3536306	+	3	4	K.VLMHLETLMGTVR.E	18
PHEAT+5283	proteomics_heat	3536307	3536345	+	3	4	R.ERAEDEAINVFAR.N	17
PHEAT+5284	proteomics_heat	3536346	3536387	+	3	5	R.NLHLLMAAPAGLR.A	18
PHEAT+5285	proteomics_heat	3536430	3536504	+	3	3	K.VAVVDATGKLVATDTIYPHTGQAAK.A	29
PHEAT+5286	proteomics_heat	3536457	3536504	+	3	5	K.LVATDTIYPHTGQAAK.A	20
PHEAT+5287	proteomics_heat	3536538	3536582	+	3	9	K.HNVELVAIGNGTASR.E	19
PHEAT+5288	proteomics_heat	3536595	3536615	+	3	3	R.FYLDVQK.Q	11
PHEAT+5289	proteomics_heat	3536751	3536783	+	3	3	R.RLQDPLAELVK.I	15
PHEAT+5290	proteomics_heat	3536769	3536849	+	3	3	L.AELVKIDPKSIGVGQYQHVDVSQTQLAR.K	31
PHEAT+5291	proteomics_heat	3536796	3536849	+	3	9	K.SIGVGQYQHVDVSQTQLAR.K	22
PHEAT+5292	proteomics_heat	3536979	3537005	+	3	6	R.DENGQFQNR.Q	13

PHEAT+5293	proteomics_heat	3537072	3537140	+	3	3	R.INHGDNPLDASTVHPEAYPVVER.I	27
PHEAT+5294	proteomics_heat	3537141	3537170	+	3	3	R.ILAATQQALK.D	14
PHEAT+5295	proteomics_heat	3537171	3537200	+	3	2	K.DLMGNSSELR.N	14
PHEAT+5296	proteomics_heat	3537210	3537233	+	3	2	K.ASDFTDEK.F	12
PHEAT+5297	proteomics_heat	3537234	3537266	+	3	2	K.FGVPTVTDIIK.E	15
PHEAT+5298	proteomics_heat	3537465	3537494	+	3	4	K.FVEDPHTVVK.A	14
PHEAT+5299	proteomics_heat	3537519	3537542	+	3	2	K.VLEVDLQR.K	12
PHEAT+5300	proteomics_heat	3537567	3537599	+	3	4	R.LDEQPGETNAR.R	15
PHEAT+5301	proteomics_heat	3537660	3537719	+	3	3	R.EAQPAGNSAMMDALAAAMGK.K	24
PHEAT+5302	proteomics_heat	3539077	3539124	+	1	2	R.AYAGEASQHLDAALAR.L	20
PHEAT+5303	proteomics_heat	3539125	3539172	+	1	2	R.LRNEMDDPALHIADAR.Y	20
PHEAT+5304	proteomics_heat	3539605	3539664	+	1	3	K.SFVPLIVGFGCNVPSVMGAR.T	24
PHEAT+5305	proteomics_heat	3540700	3540747	+	1	4	R.KSVSSCCAATTGDCH.-	20
PHEAT+5306	proteomics_heat	3540703	3540747	+	1	3	K.SVSSCCAATTGDCH.-	19
PHEAT+5307	proteomics_heat	3543655	3543687	+	1	13	R.ISDAAQAHFAK.L	15
PHEAT+5308	proteomics_heat	3543688	3543723	+	1	6	K.LLANQEEGTQIR.V	16
PHEAT+5309	proteomics_heat	3543724	3543816	+	1	6	R.VFVINPGTPNAECGVSYCPPDAVEATDTALK.F	35
PHEAT+5310	proteomics_heat	3543787	3543816	+	1	2	D.AVEATDTALK.F	14
PHEAT+5311	proteomics_heat	3543817	3543921	+	1	8	K.FDLLTAYVDELSAPYLEDAEIDFVTDQLGSQLTLK.A	39
PHEAT+5312	proteomics_heat	3543943	3543975	+	1	4	R.KVADDAPLMER.V	15
PHEAT+5313	proteomics_heat	3543976	3544032	+	1	7	R.VEYMLQSQINPQLAGHGGR.V	23
PHEAT+5314	proteomics_heat	3544141	3544170	+	1	2	K.QLLNEFPELK.G	14
PHEAT+5315	proteomics_heat	3547982	3548050	+	2	2	K.QTPFGFGANRLRFTVGIDVIGAN.P	27
PHEAT+5316	proteomics_heat	3551620	3551682	+	1	4	R.VRDQLEIGSQQLAFTHQEAK.Q	25
PHEAT+5317	proteomics_heat	3551830	3551910	+	1	5	R.RLAGINASHLSDYLVDEVLDNVDLATR.H	31
PHEAT+5318	proteomics_heat	3551833	3551910	+	1	4	R.LAGINASHLSDYLVDEVLDNVDLATR.H	30
PHEAT+5319	proteomics_heat	3552472	3552516	+	1	2	R.AQVAINDGNPDEAER.L	19
PHEAT+5320	proteomics_heat	3553195	3553263	+	1	3	R.AQILLGEFPAEIVLEELNENAR.S	27
PHEAT+5321	proteomics_heat	3561293	3561391	+	2	2	R.TYGSNSELLGNAGTVSDLGEDFGHEFYEAELK.Y	37
PHEAT+5322	proteomics_heat	3571201	3571266	+	1	2	H.PFPGLADQNGKDHQSGFADHAR.Q	26
PHEAT+5323	proteomics_heat	3585080	3585118	+	2	2	R.MQTQMQTQQIQQK.G	17
PHEAT+5324	proteomics_heat	3585143	3585202	+	2	8	K.TQTQLQQHLENQINNNSQR.V	24
PHEAT+5325	proteomics_heat	3585203	3585241	+	2	2	R.VLQSQPGERNPAR.Q	17
PHEAT+5326	proteomics_heat	3596037	3596069	+	3	2	K.FSDQDRIDLQK.I	15
PHEAT+5327	proteomics_heat	3598400	3598450	+	2	4	K.NSLRCALVVATLTIRQL.R	21
PHEAT+5328	proteomics_heat	3604810	3604845	+	1	2	R.DEQAAEEPQASR.L	16
PHEAT+5329	proteomics_heat	3605362	3605406	+	1	2	R.ATGDKVPAGATSVDR.L	19
PHEAT+5330	proteomics_heat	3606040	3606114	+	1	2	K.HPADAFTGLINELESAGQTVVLVVR.N	29
PHEAT+5331	proteomics_heat	3608125	3608169	+	1	6	K.LSFSLPADMTDQSGK.L	19
PHEAT+5332	proteomics_heat	3608170	3608223	+	1	3	K.LGTQANNMHVWSDATGQK.A	22
PHEAT+5333	proteomics_heat	3608224	3608280	+	1	6	K.AVIVIMGDDPKEDLAVLAK.R	23
PHEAT+5334	proteomics_heat	3608302	3608337	+	1	8	R.SRDPQLQVVTNK.A	16
PHEAT+5335	proteomics_heat	3608488	3608532	+	1	3	K.AQTTAENIINTLVIQ.-	19
PHEAT+5336	proteomics_heat	3616620	3616676	+	3	7	R.VTITLDDDDLLETLDLSLSQR.R	23
PHEAT+5337	proteomics_heat	3616917	3616967	+	3	3	K.GDMGDVQHFADDVIAQR.G	21
PHEAT+5338	proteomics_heat	3624732	3624776	+	3	8	V.NEKTISVSIALSPSR.L	19

PHEAT+5339	proteomics_heat	3627389	3627451	+	2	4	E.INDNKLDFFTPSPGISPTIQR.A	25
PHEAT+5340	proteomics_heat	3636451	3636510	+	1	6	R.TRDAINNVEAYFEQHPALLK.Q	24
PHEAT+5341	proteomics_heat	3636457	3636510	+	1	4	R.DAINNVEAYFEQHPALLK.Q	22
PHEAT+5342	proteomics_heat	3636733	3636762	+	1	2	K.MPGVSADDQR.L	14
PHEAT+5343	proteomics_heat	3638146	3638184	+	1	60	K.HILIAVDLSPESK.V	17
PHEAT+5344	proteomics_heat	3638200	3638232	+	1	7	K.AVSMARPYNAK.V	15
PHEAT+5345	proteomics_heat	3638233	3638313	+	1	39	K.VSLIHVDVNYSDLYTGLIDVNLGDMQK.R	31
PHEAT+5346	proteomics_heat	3638314	3638433	+	1	15	K.RISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIK.K	44
PHEAT+5347	proteomics_heat	3638314	3638436	+	1	4	K.RISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIKK.Y	45
PHEAT+5348	proteomics_heat	3638317	3638436	+	1	16	R.ISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIKK.Y	44
PHEAT+5349	proteomics_heat	3638317	3638433	+	1	23	R.ISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIK.K	43
PHEAT+5350	proteomics_heat	3638371	3638433	+	1	3	Y.PITETLSGSGDLGQVLVDAIK.K	25
PHEAT+5351	proteomics_heat	3638371	3638436	+	1	2	Y.PITETLSGSGDLGQVLVDAIKK.Y	26
PHEAT+5352	proteomics_heat	3638434	3638487	+	1	10	K.KYDMDLVVCGHHQDFWSK.L	22
PHEAT+5353	proteomics_heat	3638437	3638487	+	1	9	K.YDMDLVVCGHHQDFWSK.L	21
PHEAT+5354	proteomics_heat	3638506	3638565	+	1	56	R.QLINTVHVDMMLIVPLRDEEE.-	24
PHEAT+5355	proteomics_heat	3643462	3643497	+	1	3	K.HTVQSLIIESLK.E	16
PHEAT+5356	proteomics_heat	3643609	3643665	+	1	2	R.IWQQDDLPAELEAYINVVK.H	23
PHEAT+5357	proteomics_heat	3644152	3644196	+	1	2	K.LEQQMNNVLPWLHSK.L	19
PHEAT+5358	proteomics_heat	3644331	3644387	+	3	2	K.HYDYIAIGGGSGGIASINR.A	23
PHEAT+5359	proteomics_heat	3644502	3644555	+	3	4	R.EAIIHMYGPDYGFDTTINK.F	22
PHEAT+5360	proteomics_heat	3644556	3644585	+	3	2	K.FNWETLIASR.T	14
PHEAT+5361	proteomics_heat	3644604	3644636	+	3	4	R.IHTSYENVLGK.N	15
PHEAT+5362	proteomics_heat	3644748	3644828	+	3	2	R.PSHPDIPGVEYGIDSDGFFALPALPER.V	31
PHEAT+5363	proteomics_heat	3644829	3644897	+	3	2	R.VAVVGAGYIAVELAGVINGLGAK.T	27
PHEAT+5364	proteomics_heat	3644934	3645017	+	3	12	R.SFDPMISETLVEVMNAEGPQLHTNAIPK.A	32
PHEAT+5365	proteomics_heat	3645111	3645155	+	3	3	R.EPANDNINLEAAGVK.T	19
PHEAT+5366	proteomics_heat	3645189	3645278	+	3	4	K.YQNTNIEGIYAVGDNTGAVELTPVAVAAGR.R	34
PHEAT+5367	proteomics_heat	3645438	3645479	+	3	7	K.SSFTAMYTAVTTHR.Q	18
PHEAT+5368	proteomics_heat	3645498	3645524	+	3	2	K.LVCVGSEEK.I	13
PHEAT+5369	proteomics_heat	3645525	3645593	+	3	6	K.IVGIHGIGFGMDEMQLQGFVAALK.M	27
PHEAT+5370	proteomics_heat	3645609	3645671	+	3	4	K.KDFDNTVAIHPTAAEEFVTMR.-	25
PHEAT+5371	proteomics_heat	3645612	3645671	+	3	3	K.DFDNTVAIHPTAAEEFVTMR.-	24
PHEAT+5372	proteomics_heat	3648263	3648307	+	2	2	M.SNITIIYHNPACGTSR.N	19
PHEAT+5373	proteomics_heat	3648263	3648307	+	2	2	M.SNITIIYHNPACGTSR.N	19
PHEAT+5374	proteomics_heat	3648500	3648571	+	2	3	R.LIDFMLQHPIILNRPIVVTPGLTR.L	28
PHEAT+5375	proteomics_heat	3652092	3652145	+	3	8	K.SFVAVHNQPGLYVGQQR.F	22
PHEAT+5376	proteomics_heat	3652182	3652262	+	3	5	K.TDTLLEISVPLDSYAKPDIEANYQGR.L	31
PHEAT+5377	proteomics_heat	3652308	3652367	+	3	7	R.NHFVILGTIQGEQPGFINK.V	24
PHEAT+5378	proteomics_heat	3657867	3657917	+	3	6	R.LDPIYVDLTQSVQDFLR.M	21
PHEAT+5379	proteomics_heat	3667992	3668048	+	3	4	G.PAKFPERAYRPAVAGANPR.T	23
PHEAT+5380	proteomics_heat	3672809	3672868	+	2	6	I.MQATATTLDEHEQEYTPINSR.N	24
PHEAT+5381	proteomics_heat	3672815	3672868	+	2	2	Q.ATATTLDEHEQEYTPINSR.N	22
PHEAT+5382	proteomics_heat	3673205	3673279	+	2	3	R.FGQGLGLGGEWGAALLATENAPPR.K	29
PHEAT+5383	proteomics_heat	3677691	3677735	+	3	2	R.LPGLYYIETDSTGER.T	19
PHEAT+5384	proteomics_heat	3678207	3678263	+	3	2	K.VIDTTAAGDSFSAGYLAVR.L	23

PHEAT+5385	proteomics_heat	3678264	3678299	+	3	2	R.LTGGAEDAARK.G	16
PHEAT+5386	proteomics_heat	3678264	3678296	+	3	3	R.LTGGAEDAARK.R	15
PHEAT+5387	proteomics_heat	3695786	3695854	+	2	2	R.INDLDTALNHIFLPTGDIFSNR.M	27
PHEAT+5388	proteomics_heat	3697611	3697655	+	3	3	R.DIPSPSITDVPVGVK.F	19
PHEAT+5389	proteomics_heat	3697671	3697745	+	3	12	K.APHQGAPIVIEQPSSFLAISDLVVR.V	29
PHEAT+5390	proteomics_heat	3697794	3697880	+	3	2	K.LTSGLPQTAPVSENSNAVVIQYQDKPYVR.L	33
PHEAT+5391	proteomics_heat	3713803	3713877	+	1	2	R.KPLLIGCIPRNFQRIEWWSTPQHHD.I	29
PHEAT+5392	proteomics_heat	3714672	3714737	+	3	2	K.SAIGAGLGSVLGAGIGALSSSK.K	26
PHEAT+5393	proteomics_heat	3714999	3715058	+	3	3	K.TAVNVIGYTDSTGGHDLNMR.L	24
PHEAT+5394	proteomics_heat	3715074	3715124	+	3	4	R.ADSVASALITQGVDSR.I	21
PHEAT+5395	proteomics_heat	3715131	3715187	+	3	2	R.TQGLGPANPIASNSTAEGK.A	23
PHEAT+5396	proteomics_heat	3715333	3715359	+	1	2	S.MKPSVILYK.A	13
PHEAT+5397	proteomics_heat	3715537	3715596	+	1	3	R.ATSTISVGYDNFVDALTAR.K	24
PHEAT+5398	proteomics_heat	3715681	3715704	+	1	2	R.RVVEVAER.V	12
PHEAT+5399	proteomics_heat	3715822	3715863	+	1	7	R.AHFGFNMPILYNAR.R	18
PHEAT+5400	proteomics_heat	3715903	3716007	+	1	15	R.YCDLDTLLQESDFVCLILPLTDETHHLFGAEQFAK.M	39
PHEAT+5401	proteomics_heat	3716014	3716043	+	1	3	K.SSAIFINAGR.G	14
PHEAT+5402	proteomics_heat	3716044	3716088	+	1	5	R.GPVVDENALIAALQK.G	19
PHEAT+5403	proteomics_heat	3716089	3716214	+	1	7	K.GEIIHAAGLDVFEQEPLSVDSPLLSMANVVAVPHIGSATHETR.Y	46
PHEAT+5404	proteomics_heat	3716188	3716214	+	1	3	H.IGSATHETR.Y	13
PHEAT+5405	proteomics_heat	3716215	3716268	+	1	14	R.YGMAACAVDNLIDALQGK.V	22
PHEAT+5406	proteomics_heat	3716278	3716304	+	1	4	K.NCVNPHVAD.-	13
PHEAT+5407	proteomics_heat	3718156	3718200	+	1	4	K.DVVFHFSAIQNDGYK.S	19
PHEAT+5408	proteomics_heat	3737764	3737811	+	1	10	R.HSGITLLMEDLNDGLR.T	20
PHEAT+5409	proteomics_heat	3737914	3737955	+	1	4	K.ATDALCNYDGPQGK.T	18
PHEAT+5410	proteomics_heat	3737956	3737991	+	1	5	K.TELLTLLAGMLR.E	16
PHEAT+5411	proteomics_heat	3738523	3738609	+	1	2	K.IITAITNMNGIISLAPGGIGPAMMCEMIK.R	33
PHEAT+5412	proteomics_heat	3738628	3738666	+	1	4	R.LSETVIKPFYYQR.V	17
PHEAT+5413	proteomics_heat	3738892	3738936	+	1	3	R.MNYVPEPEKIEAGVK.I	19
PHEAT+5414	proteomics_heat	3747568	3747642	+	1	5	R.AISAFAPSSWQVMTSITKTTTKAPG.N	29
PHEAT+5415	proteomics_heat	3771384	3771437	+	3	2	K.GASPLSAGDVTNDSLHVR.K	22
PHEAT+5416	proteomics_heat	3771507	3771596	+	3	3	K.IQDAGLSQISVNTNSAINNLPPDVLDVITHR.D	34
PHEAT+5417	proteomics_heat	3771621	3771695	+	3	5	R.QVPQAQHISLTNFLDSGLYTSALTER.L	29
PHEAT+5418	proteomics_heat	3771753	3771788	+	3	2	K.DSFDSSANLFK.L	16
PHEAT+5419	proteomics_heat	3771873	3771917	+	3	2	K.GGYVEPEYVQAMLDL.R	19
PHEAT+5420	proteomics_heat	3771924	3771983	+	3	3	K.LTPTYLGESIAVPHGTVEAK.D	24
PHEAT+5421	proteomics_heat	3772038	3772067	+	3	3	R.FGEEEDDIAR.L	14
PHEAT+5422	proteomics_heat	3772092	3772160	+	3	2	R.NNEHIQVITSLTNALDDESVIER.L	27
PHEAT+5423	proteomics_heat	3772161	3772214	+	3	5	R.LAHTTSVDEVLELLAGRK.-	22
PHEAT+5424	proteomics_heat	3772161	3772211	+	3	4	R.LAHTTSVDEVLELLAGR.K	21
PHEAT+5425	proteomics_heat	3772501	3772575	+	1	36	K.LLADAGIQLTFADVNVVLDALNAR.H	29
PHEAT+5426	proteomics_heat	3772762	3772821	+	1	3	K.RKEQGNESPLNIIACENMVR.G	24
PHEAT+5427	proteomics_heat	3772768	3772821	+	1	3	K.EQGNESPLNIIACENMVR.G	22
PHEAT+5428	proteomics_heat	3772840	3772875	+	1	6	K.GHVMNALPEDAK.A	16
PHEAT+5429	proteomics_heat	3772876	3772923	+	1	4	K.AWVEEHVGFVDSAVDR.I	20
PHEAT+5430	proteomics_heat	3772924	3773004	+	1	27	R.IVPPSASATNDPLEVTVETTFSEWIVDK.T	31

PHEAT+5431	proteomics_heat	3773017	3773079	+	1	11	K.GALPNIPGMELTDNLMFVER.K	25
PHEAT+5432	proteomics_heat	3773080	3773130	+	1	3	R.KLFTLNTGHAITAYLGK.L	21
PHEAT+5433	proteomics_heat	3773083	3773130	+	1	6	K.LFTLNTGHAITAYLGK.L	20
PHEAT+5434	proteomics_heat	3773194	3773232	+	1	3	K.GAMEESGAVLIKR.Y	17
PHEAT+5435	proteomics_heat	3773233	3773274	+	1	7	R.YGFDADKHAAYIQK.I	18
PHEAT+5436	proteomics_heat	3773287	3773322	+	1	5	R.FENPYLKDDVER.V	16
PHEAT+5437	proteomics_heat	3773365	3773412	+	1	15	R.LIKPLLGTLEYGLPHK.N	20
PHEAT+5438	proteomics_heat	3773413	3773451	+	1	2	K.NLIEGIAAAMHFR.S	17
PHEAT+5439	proteomics_heat	3774748	3774813	+	1	9	R.HQQADLSLVEAADKYAELEKEK.A	26
PHEAT+5440	proteomics_heat	3774748	3774807	+	1	3	R.HQQADLSLVEAADKYAELEK.E	24
PHEAT+5441	proteomics_heat	3774964	3775002	+	1	2	R.GLVVVPMTALGR.E	17
PHEAT+5442	proteomics_heat	3778054	3778107	+	1	2	K.LSMPVALAPVGLCGMYAR.R	22
PHEAT+5443	proteomics_heat	3778132	3778212	+	1	2	K.AADAHGIPFTLSTVSVCPIEEVAPAIK.R	31
PHEAT+5444	proteomics_heat	3778642	3778683	+	1	5	R.FGADGIVVSNHGGR.Q	18
PHEAT+5445	proteomics_heat	3778840	3778908	+	1	9	R.AFLYALATAGQAGVANLLNLIEK.E	27
PHEAT+5446	proteomics_heat	3783298	3783339	+	1	13	K.KPMVLVILDGYGYR.E	18
PHEAT+5447	proteomics_heat	3783298	3783375	+	1	9	K.KPMVLVILDGYGYREEQQDNAIFSAK.T	30
PHEAT+5448	proteomics_heat	3783340	3783375	+	1	4	R.EEQQDNAIFSAK.T	16
PHEAT+5449	proteomics_heat	3783376	3783459	+	1	18	K.TPVDALWANRPHTLIDASGLEVGLPDR.Q	32
PHEAT+5450	proteomics_heat	3783460	3783507	+	1	7	R.QMGNSEVGHVNLGAGR.I	20
PHEAT+5451	proteomics_heat	3783532	3783555	+	1	7	R.LDVEIKDR.A	12
PHEAT+5452	proteomics_heat	3783556	3783603	+	1	3	R.AFFANPVLTGAVDKAK.N	20
PHEAT+5453	proteomics_heat	3783556	3783597	+	1	3	R.AFFANPVLTGAVDK.A	18
PHEAT+5454	proteomics_heat	3783718	3783747	+	1	5	K.IYLHAFDGR.D	14
PHEAT+5455	proteomics_heat	3783889	3783969	+	1	107	K.AYDLLTLAQGEFQADTAVAGLQAAYAR.D	31
PHEAT+5456	proteomics_heat	3783970	3783993	+	1	4	R.DENDEFVK.A	12
PHEAT+5457	proteomics_heat	3784009	3784071	+	1	9	R.AEQPDAAAMEDGDALIFMNFRA	25
PHEAT+5458	proteomics_heat	3784141	3784191	+	1	47	K.VVNVDFVMLTEYAADIK.T	21
PHEAT+5459	proteomics_heat	3784192	3784251	+	1	25	K.TAVAYPPASLVNTFGEWMAK.N	24
PHEAT+5460	proteomics_heat	3784375	3784428	+	1	10	K.VATYDLQPEMSSAELTEK.L	22
PHEAT+5461	proteomics_heat	3784447	3784530	+	1	6	K.SGKYDTIICNYPNGDMVGHTGMEEAVK.A	32
PHEAT+5462	proteomics_heat	3784456	3784530	+	1	4	K.YDTIICNYPNGDMVGHTGMEEAVK.A	29
PHEAT+5463	proteomics_heat	3784531	3784572	+	1	7	K.AVEALDHCVEEVAK.A	18
PHEAT+5464	proteomics_heat	3784738	3784824	+	1	10	K.LSDIAPTMLSLMGMEIPQEMTGKPLFIVE.-	33
PHEAT+5465	proteomics_heat	3785104	3785142	+	1	2	K.LRETQNTLNQLNK.Q	17
PHEAT+5466	proteomics_heat	3792010	3792060	+	1	3	V.MIIVTGGAGFIGSNIVK.A	21
PHEAT+5467	proteomics_heat	3792076	3792111	+	1	4	K.GITDILVVDNLK.D	16
PHEAT+5468	proteomics_heat	3792076	3792123	+	1	10	K.GITDILVVDNLKDGTK.F	20
PHEAT+5469	proteomics_heat	3792304	3792330	+	1	6	K.ELLHYCLER.E	13
PHEAT+5470	proteomics_heat	3792331	3792378	+	1	4	R.EIPFLYASSAATYGGR.T	20
PHEAT+5471	proteomics_heat	3792403	3792441	+	1	5	R.EYEKPLNVYGYSK.F	17
PHEAT+5472	proteomics_heat	3792442	3792465	+	1	2	K.FLFDEYVR.Q	12
PHEAT+5473	proteomics_heat	3792466	3792507	+	1	4	R.QILPEANSQIVGFR.Y	18
PHEAT+5474	proteomics_heat	3792508	3792531	+	1	3	R.YFNVYGPR.E	12
PHEAT+5475	proteomics_heat	3792544	3792606	+	1	8	K.GSMASVAFHLNTQLNNGESPK.L	25
PHEAT+5476	proteomics_heat	3792607	3792636	+	1	2	K.LFEGSENFKR.D	14



PHEAT+5477	proteomics_heat	3792727	3792774	+	1	4	R.AESFQAVADATLAYHK.K	20
PHEAT+5478	proteomics_heat	3792727	3792777	+	1	12	R.AESFQAVADATLAYHKK.G	21
PHEAT+5479	proteomics_heat	3792775	3792810	+	1	2	K.KGQIEYIPFPDK.L	16
PHEAT+5480	proteomics_heat	3792778	3792816	+	1	5	K.GQIEYIPFPDKLK.G	17
PHEAT+5481	proteomics_heat	3792817	3792861	+	1	3	K.GRYQAFQADLTNLR.A	19
PHEAT+5482	proteomics_heat	3792862	3792888	+	1	5	R.AAGYDKPFK.T	13
PHEAT+5483	proteomics_heat	3792889	3792933	+	1	7	K.TVAEGVTEYMAWLNLR.D	19
PHEAT+5484	proteomics_heat	3792958	3793017	+	1	2	K.ILVIGPSWVGDMMSQSLYR.T	24
PHEAT+5485	proteomics_heat	3793621	3793683	+	1	2	K.DHEAGNEILAAALNTEQQAWCR.N	25
PHEAT+5486	proteomics_heat	3793684	3793740	+	1	2	R.NLAGETQLDQAVILIAACK.A	23
PHEAT+5487	proteomics_heat	3793897	3793953	+	1	5	R.KGDAAEQYHQLIDITPQR.V	23
PHEAT+5488	proteomics_heat	3806860	3806910	+	1	3	K.DVQHVYLPYDLPDALNR.F	21
PHEAT+5489	proteomics_heat	3807556	3807630	+	1	3	R.GGHNPLEAAAHAIPVLMGPHTFNFK.D	29
PHEAT+5490	proteomics_heat	3807646	3807699	+	1	2	R.LEQASGLITVTDATTLAK.E	22
PHEAT+5491	proteomics_heat	3807751	3807795	+	1	5	R.HAVEVLYQNQGALQR.L	19
PHEAT+5492	proteomics_heat	3807860	3807919	+	2	3	R.AIYPGTFDPITNGHIDIVTR.A	24
PHEAT+5493	proteomics_heat	3807974	3808000	+	2	3	K.KPMFTLEER.V	13
PHEAT+5494	proteomics_heat	3808121	3808168	+	2	2	R.AVADFEYEMQLAHMNR.H	20
PHEAT+5495	proteomics_heat	3808259	3808318	+	2	2	R.HQGDVTHFLPENVHQUALMAK.L	24
PHEAT+5496	proteomics_heat	3810886	3810993	+	1	4	K.AFITPLSLQAVSGYPVSDSLDPAAEAAMGHIELGK.W	40
PHEAT+5497	proteomics_heat	3811144	3811185	+	1	7	R.AAATQHNLVSLASR.G	18
PHEAT+5498	proteomics_heat	3811186	3811248	+	1	2	R.GLLIWGPDSSGSQLACDIPGR.M	25
PHEAT+5499	proteomics_heat	3811249	3811314	+	1	15	R.MLDPLTIVDMAVAHFSPVNDLK.H	26
PHEAT+5500	proteomics_heat	3811315	3811371	+	1	2	K.HLNIMITAGPTREPLDPVR.Y	23
PHEAT+5501	proteomics_heat	3811432	3811494	+	1	5	R.RGANVTLVSGPVSPLTPPFVK.R	25
PHEAT+5502	proteomics_heat	3811435	3811494	+	1	2	R.GANVTLVSGPVSPLTPPFVK.R	24
PHEAT+5503	proteomics_heat	3811906	3811950	+	1	6	R.KELLGQLLLDEIVTR.Y	19
PHEAT+5504	proteomics_heat	3811909	3811950	+	1	2	K.ELLGQLLLDEIVTR.Y	18
PHEAT+5505	proteomics_heat	3811991	3812053	+	2	3	R.VGKEFPLPTYATSGSAGLCLR.A	25
PHEAT+5506	proteomics_heat	3812000	3812053	+	2	14	K.EFPLPTYATSGSAGLCLR.A	22
PHEAT+5507	proteomics_heat	3812054	3812164	+	2	4	R.ACLNDAVELAPGDTTLVPTGLAIHIADPSLAAMMLPR.S	41
PHEAT+5508	proteomics_heat	3812183	3812239	+	2	3	K.HGIVLGNLVGLIDSDYQGGQ.L	23
PHEAT+5509	proteomics_heat	3812183	3812263	+	2	2	K.HGIVLGNLVGLIDSDYQGGQLMISVWNR.G	31
PHEAT+5510	proteomics_heat	3812264	3812299	+	2	4	R.GQDSFTIQPGER.I	16
PHEAT+5511	proteomics_heat	3812553	3812609	+	3	7	R.EEILQSLALMLESSDGSQR.I	23
PHEAT+5512	proteomics_heat	3812838	3812876	+	3	4	R.ILTGHALMFEQDR.L	17
PHEAT+5513	proteomics_heat	3812955	3813032	+	3	6	R.EGEGYTTDETLASQILAFCEGMLSR.F	30
PHEAT+5514	proteomics_heat	3814741	3814773	+	1	2	K.GEWGSATWEMR.S	15
PHEAT+5515	proteomics_heat	3814789	3814809	+	1	2	R.YLETYFR.L	11
PHEAT+5516	proteomics_heat	3814957	3814986	+	1	2	K.QLVTAANWVK.M	14
PHEAT+5517	proteomics_heat	3814987	3815031	+	1	2	K.MQSDEGEINPVDILR.W	19
PHEAT+5518	proteomics_heat	3815212	3815244	+	1	7	R.SHMPEILQWQR.E	15
PHEAT+5519	proteomics_heat	3815263	3815298	+	1	3	K.LEDAQVQLENNR.L	16
PHEAT+5520	proteomics_heat	3815263	3815331	+	1	6	K.LEDAQVQLENNRLEQELVLLAQR.I	27
PHEAT+5521	proteomics_heat	3815332	3815376	+	1	2	R.IDVAEELDRLEAHVK.E	19
PHEAT+5522	proteomics_heat	3815419	3815451	+	1	3	R.RLDFMMQEFNR.E	15

PHEAT+5523	proteomics_heat	3815476	3815517	+	1	2	K.SINAEVTNSAIELK.V	18
PHEAT+5524	proteomics_heat	3819529	3819576	+	1	4	K.TQPLYDTQVSVSHTRR.Q	20
PHEAT+5525	proteomics_heat	3819655	3819708	+	1	2	R.DAFLEHAIEVFGNYGTSR.E	22
PHEAT+5526	proteomics_heat	3819859	3819894	+	1	2	R.GRGQDSEEVIK.R	16
PHEAT+5527	proteomics_heat	3819865	3819897	+	1	2	R.GQDSEEVIK.R.M	15
PHEAT+5528	proteomics_heat	3819898	3819990	+	1	3	R.MAQAVAEMSHYAEYDYLIVNDDFDALTDLK.T	35
PHEAT+5529	proteomics_heat	3820138	3820164	+	1	2	R.VTVQDAVEK.I	13
PHEAT+5530	proteomics_heat	3820213	3820284	+	1	10	R.QMQVGGKDPVPEENDKTTVIALR.E	28
PHEAT+5531	proteomics_heat	3820213	3820263	+	1	3	R.QMQVGGKDPVPEENDK.T	21
PHEAT+5532	proteomics_heat	3820285	3820329	+	1	10	R.EIEEGLINNQILDVR.E	19
PHEAT+5533	proteomics_heat	3820330	3820398	+	1	13	R.ERQEQEQEAAELQAVTIAIEGR.R	27
PHEAT+5534	proteomics_heat	3820336	3820398	+	1	3	R.QEQEQEAAELQAVTIAIEGR.R	25
PHEAT+5535	proteomics_heat	3821320	3821391	+	1	6	K.ANGYQSLHTSMIGPHGVPVEVQIR.T	28
PHEAT+5536	proteomics_heat	3821449	3821484	+	1	2	K.EHGETSTTAQIR.A	16
PHEAT+5537	proteomics_heat	3821563	3821610	+	1	2	K.SDLFPDEIYVFTPEGR.I	20
PHEAT+5538	proteomics_heat	3821917	3821952	+	1	3	R.KLNEIPQENIQR.E	16
PHEAT+5539	proteomics_heat	3822193	3822222	+	1	2	K.GLVIHHESCR.N	14
PHEAT+5540	proteomics_heat	3822799	3822855	+	1	2	K.GQGMQILATHLSDNAVDFR.E	23
PHEAT+5541	proteomics_heat	3823057	3823131	+	1	3	R.ENSMPLPEAEQQRLLFEGGYPVLAKV.A	29
PHEAT+5542	proteomics_heat	3823245	3823304	+	3	3	R.LLDAVPLSSLTGVGAALSNK.L	24
PHEAT+5543	proteomics_heat	3823314	3823361	+	3	5	K.INLHTVQDLLLLHPLR.Y	20
PHEAT+5544	proteomics_heat	3823635	3823709	+	3	2	R.VQGDLPSTPELQETLTPVYPTTEGVK.Q	29
PHEAT+5545	proteomics_heat	3823725	3823829	+	3	2	R.KLTDQALDLLDTCIEELLPELSQGMMLPEALR.T	39
PHEAT+5546	proteomics_heat	3825075	3825107	+	3	2	R.DSNDGFVIAQK.D	15
PHEAT+5547	proteomics_heat	3826971	3827042	+	3	4	M.SVSTLESENAQPVAQTQNSELIYR.L	28
PHEAT+5548	proteomics_heat	3827553	3827609	+	3	2	A.PKNLLLAGVVLALIILLNR.Q	23
PHEAT+5549	proteomics_heat	3828621	3828692	+	3	2	L.AFGAMDHRFSAPSHIVLENVTFGR.D	28
PHEAT+5550	proteomics_heat	3828645	3828692	+	3	4	R.FSAPSHIVLENVTFGR.D	20
PHEAT+5551	proteomics_heat	3828693	3828722	+	3	2	R.DGQPATLVAK.S	14
PHEAT+5552	proteomics_heat	3828768	3828839	+	3	2	R.HVDTILLENGLNLTDQTAPLPFK.A	28
PHEAT+5553	proteomics_heat	3829266	3829313	+	3	4	R.LQGPDWAVTDLDSLNR.N	20
PHEAT+5554	proteomics_heat	3829575	3829634	+	3	2	K.NWQQLWMETTPGWLNSLQLK.R	24
PHEAT+5555	proteomics_heat	3829746	3829802	+	3	3	K.WGVWSGSANLNAAAATFNR.V	23
PHEAT+5556	proteomics_heat	3829815	3829886	+	3	2	R.RPSLALTANSSTVNISELAFTEK.G	28
PHEAT+5557	proteomics_heat	3842158	3842208	+	1	2	R.YIAGVGAEYTDAPALQR.I	21
PHEAT+5558	proteomics_heat	3843613	3843687	+	1	2	R.ECGPLPDEPFIQMAFLSLPVIPALK.L	29
PHEAT+5559	proteomics_heat	3846062	3846139	+	2	6	R.LSPYNQSSSRHASRNAAQPLPSQWE.-	30
PHEAT+5560	proteomics_heat	3869063	3869119	+	2	9	W.LLTADAPLSSPAHHHPDR.R	23
PHEAT+5561	proteomics_heat	3882368	3882394	+	2	2	R.TFQPSVLKR.N	13
PHEAT+5562	proteomics_heat	3882549	3882596	+	3	3	R.LLTPSQFTFVFPQPQR.A	20
PHEAT+5563	proteomics_heat	3882786	3882812	+	3	2	K.KGVADLDNR.A	13
PHEAT+5564	proteomics_heat	3883180	3883275	+	1	2	K.NPQPQAQQTTQTTTAAGSAADQGV PASGQ GK.L	36
PHEAT+5565	proteomics_heat	3883324	3883365	+	1	4	R.GGDVEQALLPAYPK.E	18
PHEAT+5566	proteomics_heat	3883366	3883449	+	1	4	K.ELNSTQPFQLLETSPQFIYQAQSGLTGR.D	32
PHEAT+5567	proteomics_heat	3883450	3883503	+	1	3	R.DGPDNPANGPRPLYNVEK.D	22
PHEAT+5568	proteomics_heat	3883504	3883587	+	1	76	K.DAYVLAEGQNELQVPMTYTTDAAGNTFTK.T	32

PHEAT+5569	proteomics_heat	3883519	3883587	+	1	2	L.AEQQNELQVPMYTYTDAAGNTFTK.T	27
PHEAT+5570	proteomics_heat	3883558	3883587	+	1	2	Y.TDAAGNTFTK.T	14
PHEAT+5571	proteomics_heat	3883603	3883689	+	1	7	K.RGDYAVNVNYNVQNAGEKPLEISSFGQLK.Q	33
PHEAT+5572	proteomics_heat	3883606	3883689	+	1	4	R.GDYAVNVNYNVQNAGEKPLEISSFGQLK.Q	32
PHEAT+5573	proteomics_heat	3883690	3883755	+	1	8	K.QSITLPPHLDTGSSNFALHTFR.G	26
PHEAT+5574	proteomics_heat	3883756	3883794	+	1	8	R.GAAYSTPDEKEYE.Y	17
PHEAT+5575	proteomics_heat	3883756	3883785	+	1	2	R.GAAYSTPDEK.Y	14
PHEAT+5576	proteomics_heat	3883795	3883845	+	1	4	K.YKFDTIADNENLNISSEK.G	21
PHEAT+5577	proteomics_heat	3883801	3883845	+	1	2	K.FDTIADNENLNISSEK.G	19
PHEAT+5578	proteomics_heat	3883966	3884046	+	1	6	K.SQPVLVQPGQGTGAMNSTLWVGPEIQDK.M	31
PHEAT+5579	proteomics_heat	3884308	3884337	+	1	3	R.ISQEMMALYK.A	14
PHEAT+5580	proteomics_heat	3885193	3885276	+	1	6	R.AFLNDKLDLAQAEAIADLIDASSEQAAR.S	32
PHEAT+5581	proteomics_heat	3885316	3885351	+	1	2	R.VNHLVALTHLR.I	16
PHEAT+5582	proteomics_heat	3885505	3885537	+	1	2	K.VVIAGRPNAGK.S	15
PHEAT+5583	proteomics_heat	3885619	3885675	+	1	3	R.EHIHIDGMPLHIIDTAGLR.E	23
PHEAT+5584	proteomics_heat	3885745	3885819	+	1	2	R.VLFMVDGTTTTDAVDPAEIWPEFIAR.L	29
PHEAT+5585	proteomics_heat	3885853	3885918	+	1	4	R.NKADITGETLGMSEVNGHALIR.L	26
PHEAT+5586	proteomics_heat	3886024	3886071	+	1	3	R.HLQALEQAAEHLQQGK.A	20
PHEAT+5587	proteomics_heat	3887017	3887061	+	1	3	K.NIFGYQYTIPTHQGR.G	19
PHEAT+5588	proteomics_heat	3892687	3892719	+	1	2	K.LQVVTLGSLR.K	15
PHEAT+5589	proteomics_heat	3892762	3892887	+	1	2	K.IAPASMEVNALPSIADIPLYDADVQEEGFPATVEALAEQIR.Q	46
PHEAT+5590	proteomics_heat	3892795	3892887	+	1	2	L.PSIADIPLYDADVQEEGFPATVEALAEQIR.Q	35
PHEAT+5591	proteomics_heat	3892951	3892974	+	1	3	K.NAIDWLSR.L	12
PHEAT+5592	proteomics_heat	3892975	3893049	+	1	10	R.LPDQPLAGKPVLIQTSSMGVIGGAR.C	29
PHEAT+5593	proteomics_heat	3893140	3893229	+	1	6	K.VDPQTGEVIDQGTLDHLTGQLTAFGEFIQR.V	34
PHEAT+5594	proteomics_heat	3895391	3895435	+	2	2	K.VTTFTHLSQLPELWK.A	19
PHEAT+5595	proteomics_heat	3925256	3925294	+	2	2	R.LGLIEVQAPILSR.V	17
PHEAT+5596	proteomics_heat	3925295	3925336	+	2	6	R.VGDGTQDNLSGCEK.A	18
PHEAT+5597	proteomics_heat	3925412	3925468	+	2	4	R.QLGQHDFDSAGEGLYTHMK.A	23
PHEAT+5598	proteomics_heat	3925493	3925540	+	2	3	R.LSPLHSVYVDQWDWER.V	20
PHEAT+5599	proteomics_heat	3925580	3925612	+	2	3	K.STVEAIWAGIK.A	15
PHEAT+5600	proteomics_heat	3925613	3925705	+	2	4	K.ATEAAVSEEFGLAPFLPDQIHFVHSQELLSR.Y	35
PHEAT+5601	proteomics_heat	3925964	3926029	+	2	9	K.HQLALTGDEDRLLELWHQALLR.G	26
PHEAT+5602	proteomics_heat	3926030	3926074	+	2	2	R.GEMPQTIGGGIGQSR.L	19
PHEAT+5603	proteomics_heat	3926075	3926146	+	2	4	R.LTMLLLQLPHIGQVQCGVWPAAVR.E	28
PHEAT+5604	proteomics_heat	3929540	3929620	+	2	2	K.YLTFVMRADNAGEGGILTLMSLAGRNT.S	31
PHEAT+5605	proteomics_heat	3930689	3930739	+	2	2	R.MHEHGNSLEAMIASLEK.S	21
PHEAT+5606	proteomics_heat	3931680	3931703	+	3	2	R.YTTHEQFK.Q	12
PHEAT+5607	proteomics_heat	3932023	3932112	+	1	3	K.SSQEAGIGIIHQELNLIPLQTLIAENIFLGR.E	34
PHEAT+5608	proteomics_heat	3932713	3932757	+	1	2	R.TSGYVTLDGHEVVTR.S	19
PHEAT+5609	proteomics_heat	3932758	3932808	+	1	3	R.SPQDGLANGIVYISED.R.K	21
PHEAT+5610	proteomics_heat	3932956	3933009	+	1	3	K.TPSMEQAIGLLSGGNQK.V	22
PHEAT+5611	proteomics_heat	3934376	3934435	+	2	9	A.KDTIALVVSTLNNPFFVSLK.D	24
PHEAT+5612	proteomics_heat	3934376	3934450	+	2	3	A.KDTIALVVSTLNNPFFVSLKDGAQK.E	29
PHEAT+5613	proteomics_heat	3934451	3934510	+	2	3	K.EADKLGYNLVVLDLSDQNNPAK.E	24
PHEAT+5614	proteomics_heat	3934553	3934603	+	2	3	K.ILLINPTDSDAVGNAVK.M	21

PHEAT+5615	proteomics_heat	3934646	3934705	+	2	6	R.QATKGEVVSHIASDNVLGGK.I	24
PHEAT+5616	proteomics_heat	3934658	3934705	+	2	8	K.GEVVSHIASDNVLGGK.I	20
PHEAT+5617	proteomics_heat	3934706	3934729	+	2	2	K.IAGDYIAK.K	12
PHEAT+5618	proteomics_heat	3934793	3934834	+	2	2	R.EREGEFQQAVAAHK.F	18
PHEAT+5619	proteomics_heat	3934799	3934834	+	2	7	R.GEGFQQAVAAHK.F	16
PHEAT+5620	proteomics_heat	3934880	3934972	+	2	2	K.GLNMVQNLLTAHPDVQAVFAQNDALGALR.A	35
PHEAT+5621	proteomics_heat	3934994	3935041	+	2	3	K.SDVMVVGFDGTPDGEK.A	20
PHEAT+5622	proteomics_heat	3935060	3935104	+	2	3	K.LAATIAQLPDQIGAK.G	19
PHEAT+5623	proteomics_heat	3935539	3935589	+	1	2	R.QQLATDNIDITPVSVIK.G	21
PHEAT+5624	proteomics_heat	3935710	3935778	+	1	5	R.IANASALLMQLESPLESVMAAAK.I	27
PHEAT+5625	proteomics_heat	3935830	3935895	+	1	2	R.ELPDELLALVDIITPNETEAEK.L	26
PHEAT+5626	proteomics_heat	3935830	3935910	+	1	2	R.ELPDELLALVDIITPNETEAEKLTGIR.V	31
PHEAT+5627	proteomics_heat	3935938	3935961	+	1	2	K.AAQVLHEK.G	12
PHEAT+5628	proteomics_heat	3936145	3936180	+	1	4	R.FAHAAAAIAVTR.K	16
PHEAT+5629	proteomics_heat	3946178	3946198	+	2	6	R.HGDFTIK.E	11
PHEAT+5630	proteomics_heat	3946220	3946255	+	2	13	R.HGYAFNELDLGK.R	16
PHEAT+5631	proteomics_heat	3946220	3946258	+	2	2	R.HGYAFNELDLGKR.E	17
PHEAT+5632	proteomics_heat	3946220	3946282	+	2	2	R.HGYAFNELDLGKREPVTREEK.L	25
PHEAT+5633	proteomics_heat	3946256	3946303	+	2	7	K.REPVTEEEKLFVAVCR.G	20
PHEAT+5634	proteomics_heat	3946259	3946303	+	2	3	R.EPVTEEEKLFVAVCR.G	19
PHEAT+5635	proteomics_heat	3946304	3946336	+	2	9	R.GEREPVTEAER.V	15
PHEAT+5636	proteomics_heat	3946376	3946444	+	2	7	K.RFHTLSGGKPKQVEGAEDYTDSDD.-	27
PHEAT+5637	proteomics_heat	3946379	3946444	+	2	2	R.FHTLSGGKPKQVEGAEDYTDSDD.-	26
PHEAT+5638	proteomics_heat	3948583	3948618	+	1	5	T.MNGAQWVVHALR.A	16
PHEAT+5639	proteomics_heat	3948619	3948717	+	1	4	R.AQGVNTVFGYPGGAIMPVYDALYDGGVEHLLCR.H	37
PHEAT+5640	proteomics_heat	3948718	3948759	+	1	4	R.HEQGAAMAAIGYAR.A	18
PHEAT+5641	proteomics_heat	3948952	3948990	+	1	9	K.HSFLVQSLEELPR.I	17
PHEAT+5642	proteomics_heat	3948991	3949059	+	1	2	R.IMAEAFDVACSGRPGPVLVDIPK.D	27
PHEAT+5643	proteomics_heat	3949060	3949152	+	1	3	K.DIQLASGDLEPWFTTVENEVTFPHAEVEQAR.Q	35
PHEAT+5644	proteomics_heat	3949279	3949344	+	1	2	K.GLGAVEADYPYLGMLGMHGTK.A	26
PHEAT+5645	proteomics_heat	3949345	3949398	+	1	6	K.AANFAVQECDLLIAVGAR.F	22
PHEAT+5646	proteomics_heat	3949423	3949488	+	1	5	K.LNTFAPHASVIHMDIDPAEMNK.L	26
PHEAT+5647	proteomics_heat	3949495	3949563	+	1	4	R.QAHVALQGDLNALLPALQQPLNQ.-	27
PHEAT+5648	proteomics_heat	3950519	3950557	+	2	14	K.KADYIWFNGEMVR.W	17
PHEAT+5649	proteomics_heat	3950591	3950629	+	2	4	H.ALHYGTSVFEGIR.C	17
PHEAT+5650	proteomics_heat	3950630	3950665	+	2	2	R.CYDSHKGPPVFR.H	16
PHEAT+5651	proteomics_heat	3950705	3950758	+	2	5	K.IYRFPVQSIDELMEACR.D	22
PHEAT+5652	proteomics_heat	3950714	3950758	+	2	3	R.FPVSQSIDELMEACR.D	19
PHEAT+5653	proteomics_heat	3950954	3950986	+	2	3	R.AAPNTIPTAAK.A	15
PHEAT+5654	proteomics_heat	3950987	3951034	+	2	7	K.AGGNYLSSLLVGSEAR.R	20
PHEAT+5655	proteomics_heat	3951092	3951175	+	2	3	G.AGENLFEVKDGVLFPPFTSSALPGITR.D	32
PHEAT+5656	proteomics_heat	3951119	3951175	+	2	11	K.DGVLFPPFTSSALPGITR.D	23
PHEAT+5657	proteomics_heat	3951137	3951175	+	2	3	T.PPFTSSALPGITR.D	17
PHEAT+5658	proteomics_heat	3951305	3951337	+	2	2	R.SVDGIQVGEGR.C	15
PHEAT+5659	proteomics_heat	3951675	3951716	+	3	2	K.LVAEQIEAAGGVAK.E	18
PHEAT+5660	proteomics_heat	3951717	3951791	+	3	2	K.EFNITAVDDGIAMGHGGMLYSLPSR.E	29

PHEAT+5661	proteomics_heat	3951873	3951905	+	3	2	K.ITPGMLMASLR.L	15
PHEAT+5662	proteomics_heat	3951906	3951956	+	3	2	R.LNIPVIFVSGGPMEAGK.T	21
PHEAT+5663	proteomics_heat	3951984	3952025	+	3	2	K.LDLVDAMIQGADPK.V	18
PHEAT+5664	proteomics_heat	3952026	3952058	+	3	3	K.VSDSQSDQVER.S	15
PHEAT+5665	proteomics_heat	3952233	3952271	+	3	2	K.RYYEQNDESALPR.N	17
PHEAT+5666	proteomics_heat	3952236	3952271	+	3	3	R.YYEQNDESALPR.N	16
PHEAT+5667	proteomics_heat	3952551	3952625	+	3	7	K.NVLGLTLPQTLEQYDVMLTQDDAVK.N	29
PHEAT+5668	proteomics_heat	3952659	3952688	+	3	3	R.TTQAFSQDCR.W	14
PHEAT+5669	proteomics_heat	3952755	3952811	+	3	3	K.DGGLAVLYGNFAENGCIVK.T	23
PHEAT+5670	proteomics_heat	3952812	3952841	+	3	2	K.TAGVDDSilK.F	14
PHEAT+5671	proteomics_heat	3952860	3952907	+	3	5	K.VYESQDDAVEAILGGK.V	20
PHEAT+5672	proteomics_heat	3952953	3953000	+	3	6	K.GGPGMQEMLYPTSFLK.S	20
PHEAT+5673	proteomics_heat	3953163	3953204	+	3	2	R.GIQLQVSDAELAAR.R	18
PHEAT+5674	proteomics_heat	3953283	3953315	+	3	5	R.AYASLATSADK.G	15
PHEAT+5675	proteomics_heat	3953420	3953461	+	2	4	R.APVYEAQVTPQLK.M	18
PHEAT+5676	proteomics_heat	3953588	3953653	+	2	3	K.AHGVTASAGNHAQGVAFSSAR.L	26
PHEAT+5677	proteomics_heat	3953720	3953770	+	2	6	R.GFGGEVLLHGANFDEAK.A	21
PHEAT+5678	proteomics_heat	3954017	3954055	+	2	2	K.AALDAGHPVDLPR.V	17
PHEAT+5679	proteomics_heat	3954113	3954178	+	2	2	R.LCQEYLLDDIITVDSDAICAAMK.D	26
PHEAT+5680	proteomics_heat	3954281	3954328	+	2	3	R.LAHILSGANVNFHGLR.Y	20
PHEAT+5681	proteomics_heat	3954416	3954439	+	2	2	K.FCQLLGGR.S	12
PHEAT+5682	proteomics_heat	3954530	3954601	+	2	2	R.KEILQMLNDGGYSVVDLSDDEMAK.L	28
PHEAT+5683	proteomics_heat	3954533	3954601	+	2	3	K.EILQMLNDGGYSVVDLSDDEMAK.L	27
PHEAT+5684	proteomics_heat	3954656	3954700	+	2	5	R.LYSFEFPESPGALLR.F	19
PHEAT+5685	proteomics_heat	3955996	3956025	+	1	7	M.ANYFNTLNL.R.Q	14
PHEAT+5686	proteomics_heat	3956056	3956106	+	1	17	R.FMGRDEFADGASYLQGK.K	21
PHEAT+5687	proteomics_heat	3956056	3956100	+	1	2	R.FMGRDEFADGASYLQ.G	19
PHEAT+5688	proteomics_heat	3956068	3956106	+	1	31	R.DEFADGASYLQGK.K	17
PHEAT+5689	proteomics_heat	3956107	3956163	+	1	27	K.KVVIVGCGAQGLNQGLNMR.D	23
PHEAT+5690	proteomics_heat	3956107	3956145	+	1	3	K.KVVIVGCGAQGLN.Q	17
PHEAT+5691	proteomics_heat	3956107	3956157	+	1	5	K.KVVIVGCGAQGLNQGLN.M	21
PHEAT+5692	proteomics_heat	3956107	3956136	+	1	5	K.KVVIVGCGAQ.G	14
PHEAT+5693	proteomics_heat	3956110	3956163	+	1	57	K.VVIVGCGAQGLNQGLNMR.D	22
PHEAT+5694	proteomics_heat	3956137	3956163	+	1	2	Q.GLNQGLNMR.D	13
PHEAT+5695	proteomics_heat	3956164	3956196	+	1	13	R.DSGLDISYALR.K	15
PHEAT+5696	proteomics_heat	3956164	3956199	+	1	5	R.DSGLDISYALRK.E	16
PHEAT+5697	proteomics_heat	3956257	3956340	+	1	26	K.VGTYEELIPQADLVINLTPDKQHSDVVR.T	32
PHEAT+5698	proteomics_heat	3956257	3956319	+	1	28	K.VGTYEELIPQADLVINLTPDK.Q	25
PHEAT+5699	proteomics_heat	3956362	3956424	+	1	14	K.DGAALGYSHGFNIVEVGEQIR.K	25
PHEAT+5700	proteomics_heat	3956362	3956427	+	1	98	K.DGAALGYSHGFNIVEVGEQIRK.D	26
PHEAT+5701	proteomics_heat	3956362	3956388	+	1	3	K.DGAALGYSH.G	13
PHEAT+5702	proteomics_heat	3956383	3956424	+	1	4	Y.SHGFNIVEVGEQIR.K	18
PHEAT+5703	proteomics_heat	3956383	3956427	+	1	2	Y.SHGFNIVEVGEQIRK.D	19
PHEAT+5704	proteomics_heat	3956425	3956457	+	1	12	R.KDITVVMVAPK.C	15
PHEAT+5705	proteomics_heat	3956428	3956457	+	1	27	K.DITVVMVAPK.C	14
PHEAT+5706	proteomics_heat	3956458	3956490	+	1	3	K.CPGTEVREEYK.R	15

PHEAT+5707	proteomics_heat	3956491	3956544	+	1	2	K.RGFGVPTLIAVHPENDPK.G	22
PHEAT+5708	proteomics_heat	3956494	3956568	+	1	10	R.GFGVPTLIAVHPENDPKGEGMAIAK.A	29
PHEAT+5709	proteomics_heat	3956494	3956544	+	1	14	R.GFGVPTLIAVHPENDPK.G	21
PHEAT+5710	proteomics_heat	3956569	3956598	+	1	9	K.AWAAATGGHR.A	14
PHEAT+5711	proteomics_heat	3956599	3956637	+	1	57	R.AGVLESSFVAEVK.S	17
PHEAT+5712	proteomics_heat	3956638	3956748	+	1	67	K.SDLMGEQTILCGMLQAGSLLCFDKLVEEGTDPAYAEK.L	41
PHEAT+5713	proteomics_heat	3956638	3956709	+	1	456	K.SDLMGEQTILCGMLQAGSLLCFDK.L	28
PHEAT+5714	proteomics_heat	3956710	3956748	+	1	30	K.LVEEGTDPAYAEK.L	17
PHEAT+5715	proteomics_heat	3956710	3956790	+	1	2	K.LVEEGTDPAYAEKLIQFGWETITEALK.Q	31
PHEAT+5716	proteomics_heat	3956716	3956748	+	1	2	V.EEGTDPAYAEK.L	15
PHEAT+5717	proteomics_heat	3956719	3956748	+	1	2	E.EGTDPAYAEK.L	14
PHEAT+5718	proteomics_heat	3956749	3956790	+	1	132	K.LIQFGWETITEALK.Q	18
PHEAT+5719	proteomics_heat	3956791	3956820	+	1	2	K.QGGITLMMDR.L	14
PHEAT+5720	proteomics_heat	3956845	3956898	+	1	14	R.AYALSEQLKEIMAPLFQK.H	22
PHEAT+5721	proteomics_heat	3956845	3956871	+	1	11	R.AYALSEQLK.E	13
PHEAT+5722	proteomics_heat	3956872	3956898	+	1	7	K.EIMAPLFQK.H	13
PHEAT+5723	proteomics_heat	3956899	3956970	+	1	272	K.HMDDIISGEFSSGMMADWANDDKK.L	28
PHEAT+5724	proteomics_heat	3956986	3957036	+	1	3	R.EETGKTAFETAPQYEGK.I	21
PHEAT+5725	proteomics_heat	3957001	3957036	+	1	16	K.TAFETAPQYEGK.I	16
PHEAT+5726	proteomics_heat	3957037	3957063	+	1	6	K.IGEQEYFDK.G	13
PHEAT+5727	proteomics_heat	3957037	3957090	+	1	56	K.IGEQEYFDKGVLMIAMVK.A	22
PHEAT+5728	proteomics_heat	3957064	3957090	+	1	13	K.GVLMIAMVK.A	13
PHEAT+5729	proteomics_heat	3957091	3957201	+	1	217	K.AGVELAFETMVDSGIIEESAYYESLHELPLIANTIAR.K	41
PHEAT+5730	proteomics_heat	3957160	3957201	+	1	2	E.SLHELPLIANTIAR.K	18
PHEAT+5731	proteomics_heat	3957253	3957330	+	1	2	G.NYLFSYACVPLLKPFMAELQPGDLGK.A	30
PHEAT+5732	proteomics_heat	3957256	3957330	+	1	2	N.YLFSYACVPLLKPFMAELQPGDLGK.A	29
PHEAT+5733	proteomics_heat	3957265	3957330	+	1	4	F.SYACVPLLKPFMAELQPGDLGK.A	26
PHEAT+5734	proteomics_heat	3957268	3957330	+	1	7	S.YACVPLLKPFMAELQPGDLGK.A	25
PHEAT+5735	proteomics_heat	3957271	3957330	+	1	2	Y.ACVPPLLKPFMAELQPGDLGK.A	24
PHEAT+5736	proteomics_heat	3957274	3957330	+	1	2	A.CVPLLKPFMAELQPGDLGK.A	23
PHEAT+5737	proteomics_heat	3957286	3957330	+	1	10	L.LKPFMAELQPGDLGK.A	19
PHEAT+5738	proteomics_heat	3957298	3957330	+	1	6	F.MAELQPGDLGK.A	15
PHEAT+5739	proteomics_heat	3957331	3957390	+	1	2	K.AIPEGAVDNGQLRDVNEAIR.S	24
PHEAT+5740	proteomics_heat	3957331	3957369	+	1	11	K.AIPEGAVDNGQLR.D	17
PHEAT+5741	proteomics_heat	3957370	3957390	+	1	3	R.DVNEAIR.S	11
PHEAT+5742	proteomics_heat	3957391	3957417	+	1	19	R.SHAIEQVGK.K	13
PHEAT+5743	proteomics_heat	3957391	3957420	+	1	4	R.SHAIEQVGKK.L	14
PHEAT+5744	proteomics_heat	3957427	3957447	+	1	3	R.GYMTDMK.R	11
PHEAT+5745	proteomics_heat	3957427	3957450	+	1	2	R.GYMTDMKR.I	12
PHEAT+5746	proteomics_heat	3959228	3959287	+	2	5	K.ACNVLDFFDLILLPTLLLQR.N	24
PHEAT+5747	proteomics_heat	3959453	3959506	+	2	3	R.GARPQNLVLLSQDFPALK.V	22
PHEAT+5748	proteomics_heat	3960383	3960478	+	2	2	K.GLEFFYVYVMVGMEEGFLPHQSSIDEDNIDEER.R	36
PHEAT+5749	proteomics_heat	3963787	3963840	+	1	4	M.SDKIIHLTDDSFDTDVLK.A	22
PHEAT+5750	proteomics_heat	3963796	3963840	+	1	10	K.IIHLTDDSFDTDVLK.A	19
PHEAT+5751	proteomics_heat	3963841	3963894	+	1	12	K.ADGAILVDFWAEWCGPCK.M	22
PHEAT+5752	proteomics_heat	3963895	3963942	+	1	14	K.MIAPILDEIADEYQGK.L	20

PHEAT+5753	proteomics_heat	3963958	3963993	+	1	7	K.LNIDQNPGTAPK.Y	16
PHEAT+5754	proteomics_heat	3964075	3964110	+	1	2	K.GQLKEFLDANLA.-	16
PHEAT+5755	proteomics_heat	3964461	3964523	+	3	16	K.NTPVSELITLGENMGLENLAR.M	25
PHEAT+5756	proteomics_heat	3964530	3964559	+	3	6	R.KQDIIFAILK.Q	14
PHEAT+5757	proteomics_heat	3964572	3964637	+	3	73	K.SGEDIFGDGVLEILQDGFGLR.S	26
PHEAT+5758	proteomics_heat	3964638	3964700	+	3	4	R.SADSSYLAGPDDIYVSPSQIR.R	25
PHEAT+5759	proteomics_heat	3964785	3964823	+	3	11	K.VNEVNFDPENAR.N	17
PHEAT+5760	proteomics_heat	3964830	3964871	+	3	6	K.ILFENLPLHANSR.L	18
PHEAT+5761	proteomics_heat	3964887	3964919	+	3	3	R.GNGSTEDLTAR.V	15
PHEAT+5762	proteomics_heat	3964920	3964949	+	3	4	R.VLDLASPIGR.G	14
PHEAT+5763	proteomics_heat	3964959	3964982	+	3	2	R.GLIVAPPK.A	12
PHEAT+5764	proteomics_heat	3965112	3965153	+	3	5	K.GEVVASTFDEPASR.H	18
PHEAT+5765	proteomics_heat	3965154	3965186	+	3	22	R.HVQVAEMVIEK.A	15
PHEAT+5766	proteomics_heat	3965214	3965246	+	3	2	K.DVIILLDSITR.L	15
PHEAT+5767	proteomics_heat	3965256	3965288	+	3	2	R.AYNTVVPASGK.V	15
PHEAT+5768	proteomics_heat	3965289	3965333	+	3	5	K.VLTGGVDANALHRPK.R	19
PHEAT+5769	proteomics_heat	3965355	3965417	+	3	72	R.NVEEGSLTIATALIDTGSK.M	25
PHEAT+5770	proteomics_heat	3965418	3965447	+	3	4	K.MDEVYEEFK.G	14
PHEAT+5771	proteomics_heat	3965448	3965480	+	3	8	K.GTGMELHLSR.K	15
PHEAT+5772	proteomics_heat	3965496	3965525	+	3	7	K.RVFPAYDYNR.S	14
PHEAT+5773	proteomics_heat	3965526	3965576	+	3	2	R.SGTRKEELLTQEELQK.M	21
PHEAT+5774	proteomics_heat	3965538	3965576	+	3	12	R.KEELLTQEELQK.M	17
PHEAT+5775	proteomics_heat	3965592	3965645	+	3	8	R.KIIHPMGEIDAMEFLINK.L	22
PHEAT+5776	proteomics_heat	3965595	3965645	+	3	21	K.IIHPMGEIDAMEFLINK.L	21
PHEAT+5777	proteomics_heat	3965661	3965690	+	3	4	K.TNDDFFEMMK.R	14
PHEAT+5778	proteomics_heat	3967453	3967518	+	1	2	K.ADAALLDEMINNIQFIPGDFTR.A	26
PHEAT+5779	proteomics_heat	3967540	3967581	+	1	2	K.LIAETAPDANNLLR.Q	18
PHEAT+5780	proteomics_heat	3967750	3967776	+	1	4	K.IAEQHNISR.S	13
PHEAT+5781	proteomics_heat	3967777	3967836	+	1	2	R.SATDVPAEELPDSEMFLGR.P	24
PHEAT+5782	proteomics_heat	3967855	3967911	+	1	2	R.LENLQAVGPAFDLDYDQNR.A	23
PHEAT+5783	proteomics_heat	3967912	3967956	+	1	2	R.AMLNLTNMGPTLDPR.F	19
PHEAT+5784	proteomics_heat	3968252	3968275	+	2	3	K.VCVTAQHR.E	12
PHEAT+5785	proteomics_heat	3968300	3968374	+	2	5	K.LFSIVPDYDLNIMQPGQGLTEITCR.I	29
PHEAT+5786	proteomics_heat	3968729	3968773	+	2	2	R.SELAANYPFIDPDKK.M	19
PHEAT+5787	proteomics_heat	3969080	3969124	+	2	2	R.DTTERPEAVTAGTVR.L	19
PHEAT+5788	proteomics_heat	3969170	3969208	+	2	4	R.LLKDENEYQAMSR.A	17
PHEAT+5789	proteomics_heat	3969209	3969247	+	2	3	R.AHNYPYGDGQACSR.I	17
PHEAT+5790	proteomics_heat	3969415	3969459	+	1	2	R.GEIHIVEPDLASVVK.T	19
PHEAT+5791	proteomics_heat	3970150	3970194	+	1	3	R.EVNDHKPFWVIDQVK.A	19
PHEAT+5792	proteomics_heat	3970195	3970233	+	1	2	K.AAVADCLAATDKR.A	17
PHEAT+5793	proteomics_heat	3970749	3970811	+	3	3	R.VFTEHQPDVCMHLAAESHVDR.S	25
PHEAT+5794	proteomics_heat	3970812	3970883	+	3	2	R.SIDGPAAFIETNIVGTYTLLEAAR.A	28
PHEAT+5795	proteomics_heat	3971037	3971060	+	3	5	K.ASSDHLVR.A	12
PHEAT+5796	proteomics_heat	3971037	3971060	+	3	5	K.ASSDHLVR.A	12
PHEAT+5797	proteomics_heat	3971142	3971180	+	3	2	K.LIPLMILNALAGK.S	17
PHEAT+5798	proteomics_heat	3971247	3971276	+	3	2	R.ALYCVATTGK.V	14

PHEAT+5799	proteomics_heat	3971277	3971315	+	3	2	K.VGETYNIGGHNER.K	17
PHEAT+5800	proteomics_heat	3971562	3971594	+	3	2	K.QVQDGSYQGER.L	15
PHEAT+5801	proteomics_heat	3971634	3971669	+	3	2	R.KGIILAGGSGTR.L	16
PHEAT+5802	proteomics_heat	3971634	3971669	+	3	2	R.KGIILAGGSGTR.L	16
PHEAT+5803	proteomics_heat	3971637	3971669	+	3	2	K.GIILAGGSGTR.L	15
PHEAT+5804	proteomics_heat	3971637	3971669	+	3	2	K.GIILAGGSGTR.L	15
PHEAT+5805	proteomics_heat	3972282	3972359	+	3	2	R.GFAWLDTGTHDSLIEASTFVQTVEKR.Q	30
PHEAT+5806	proteomics_heat	3973169	3973243	+	2	2	H.MIPFNAPPVVGTELDYMQSAMGSGK.L	29
PHEAT+5807	proteomics_heat	3973451	3973525	+	2	4	K.IVFVDVRPDTMNIETLIEAAITDK.T	29
PHEAT+5808	proteomics_heat	3973598	3973654	+	2	2	K.KHNLFVVEDAAQGVMMSTYK.G	23
PHEAT+5809	proteomics_heat	3973712	3973759	+	2	2	K.NYTAGGEGGATLINDK.A	20
PHEAT+5810	proteomics_heat	3973940	3973987	+	2	3	R.LALWQNYDALAPLAK.A	20
PHEAT+5811	proteomics_heat	3974102	3974191	+	2	2	K.EAEIMAVFHYIPLHGCPAGEHFGEFHGEDR.Y	34
PHEAT+5812	proteomics_heat	3974532	3974606	+	3	2	R.RVVGTSAMVLFSTLMALVFLAA.A	29
PHEAT+5813	proteomics_heat	3976157	3976189	+	2	3	R.AVHQQFGDVK.V	15
PHEAT+5814	proteomics_heat	3978042	3978089	+	3	2	R.DMQHALDYLFADGQLK.Q	20
PHEAT+5815	proteomics_heat	3987745	3987801	+	1	2	P.GENSISGKCQATCPSVRRR.L	23
PHEAT+5816	proteomics_heat	3990316	3990360	+	1	4	R.EAHNELLDAMMQSYR.N	19
PHEAT+5817	proteomics_heat	3990385	3990435	+	1	2	R.NNLSVSASPQDIGVLR.K	21
PHEAT+5818	proteomics_heat	3990583	3990633	+	1	3	R.APNIESIISHQPLEYNR.Y	21
PHEAT+5819	proteomics_heat	3990733	3990777	+	1	4	K.LQEMVADVSHHFPLR.L	19
PHEAT+5820	proteomics_heat	3990994	3991038	+	1	2	R.TLHFNGEQSMIEALK.T	19
PHEAT+5821	proteomics_heat	3991054	3991116	+	1	2	K.MHQDAAPPDSEVFCYSQHLR.G	25
PHEAT+5822	proteomics_heat	3992644	3992712	+	1	10	K.NAPPPTKPVETQTQSTVDPKNDR.A	27
PHEAT+5823	proteomics_heat	3992800	3992877	+	1	9	K.MHGLGNDFMVDVAVTQNVFFSPELIR.R	30
PHEAT+5824	proteomics_heat	3992893	3992967	+	1	6	R.HLGVGFDQLLVPEPPYDELDFHYR.I	29
PHEAT+5825	proteomics_heat	3992968	3993018	+	1	5	R.IFNADGSEVAQCNGAR.C	21
PHEAT+5826	proteomics_heat	3993130	3993177	+	1	4	R.VNMGEPNFEPSAVPFR.A	20
PHEAT+5827	proteomics_heat	3993541	3993606	+	1	5	K.GPGHPLYMTGPAVHVYDGFHIL.-	26
PHEAT+5828	proteomics_heat	3993999	3994028	+	3	2	R.LGAPSNHTHL.A	14
PHEAT+5829	proteomics_heat	3994784	3994825	+	2	2	K.HLDLESGEVWVMGK.G	18
PHEAT+5830	proteomics_heat	3995233	3995295	+	1	3	R.ISALTFDLDDTLYDNRPVILR.T	25
PHEAT+5831	proteomics_heat	3995440	3995526	+	1	3	R.SIEQAMLDAGLSAEEASAGAHAAMINFAK.W	33
PHEAT+5832	proteomics_heat	3995533	3995574	+	1	2	R.SRIDVPQQTHDTLK.Q	18
PHEAT+5833	proteomics_heat	3995689	3995730	+	1	3	R.SKPFSDMYFLAAEK.L	18
PHEAT+5834	proteomics_heat	3995731	3995802	+	1	4	K.LNVPIGEILHVGDDLTTDVGGAIR.S	28
PHEAT+5835	proteomics_heat	3996072	3996110	+	3	2	R.SNLLVLGAGSGK.T	17
PHEAT+5836	proteomics_heat	3996303	3996368	+	3	2	R.AHHMDANLPQDFQILDSEDQLR.L	26
PHEAT+5837	proteomics_heat	3996777	3996803	+	3	2	R.GAQVENIQR.F	13
PHEAT+5838	proteomics_heat	3997386	3997454	+	3	3	R.FMELIDALAQETADMPLHVQTDR.V	27
PHEAT+5839	proteomics_heat	3999491	3999565	+	2	4	R.LEVEESQPLVNAVWIDLVEPDDDER.L	29
PHEAT+5840	proteomics_heat	3999491	3999571	+	2	2	R.LEVEESQPLVNAVWIDLVEPDDDERLR.V	31
PHEAT+5841	proteomics_heat	3999572	3999640	+	2	5	R.VQSELGQSLATRPELEDIEASAR.F	27
PHEAT+5842	proteomics_heat	3999809	3999868	+	2	7	R.SQSMVDGNAYELLLDLFETK.I	24
PHEAT+5843	proteomics_heat	3999869	3999928	+	2	7	K.IEQLADEIENIYSDLEQLSR.V	24
PHEAT+5844	proteomics_heat	3999929	4000009	+	2	4	R.VIMEGHQGDEYDEALSTLAELEDIGWK.V	31



PHEAT+5845	proteomics_heat	4000064	4000099	+	2	2	K.ARLPGGQLEQAR.E	16
PHEAT+5846	proteomics_heat	4003182	4003229	+	3	2	R.GILGPNSVLGASYTQK.S	20
PHEAT+5847	proteomics_heat	4003230	4003274	+	3	2	K.SWWQLSNSEESSPFR.E	19
PHEAT+5848	proteomics_heat	4008430	4008477	+	1	4	R.VHDLGDNLIFAHNLDLDR.D	20
PHEAT+5849	proteomics_heat	4008478	4008543	+	1	4	R.DIASDLFGVVNDNPDITNVYR.D	26
PHEAT+5850	proteomics_heat	4008598	4008660	+	1	3	K.EAVFYALYEPGLLEPEGVSK.V	25
PHEAT+5851	proteomics_heat	4008661	4008723	+	1	2	K.VFFTCDSHEQLLPLEQAINAR.W	25
PHEAT+5852	proteomics_heat	4008796	4008822	+	1	3	K.GHALEAVAK.K	13
PHEAT+5853	proteomics_heat	4008844	4008903	+	1	3	K.DCIAFGDGMNDAEMLSMAGK.G	24
PHEAT+5854	proteomics_heat	4008934	4009005	+	1	2	R.LKDLHPELEVIGTNADDAVPHYLR.K	28
PHEAT+5855	proteomics_heat	4011079	4011111	+	1	65	M.TILNHTLGFPR.V	15
PHEAT+5856	proteomics_heat	4011085	4011111	+	1	4	I.LNHTLGFPR.V	13
PHEAT+5857	proteomics_heat	4011091	4011111	+	1	2	N.HTLGFPR.V	11
PHEAT+5858	proteomics_heat	4011136	4011174	+	1	18	K.KAQESYWAGNSTR.E	17
PHEAT+5859	proteomics_heat	4011139	4011174	+	1	11	K.AQESYWAGNSTR.E	16
PHEAT+5860	proteomics_heat	4011175	4011198	+	1	7	R.EELLAVGR.E	12
PHEAT+5861	proteomics_heat	4011232	4011324	+	1	39	K.QAGIDLLPVGDFAWYDHLTTSLLLGNVPAR.H	35
PHEAT+5862	proteomics_heat	4011277	4011324	+	1	7	Y.DHVLTTSLLLGNVPAR.H	20
PHEAT+5863	proteomics_heat	4011325	4011369	+	1	47	R.HQNKDGSVDIDTLFR.I	19
PHEAT+5864	proteomics_heat	4011337	4011369	+	1	19	K.DGSVDIDTLFR.I	15
PHEAT+5865	proteomics_heat	4011379	4011426	+	1	51	R.GRAPTGEPAAAAEMTK.W	20
PHEAT+5866	proteomics_heat	4011385	4011426	+	1	21	R.APTGEPAAAAEMTK.W	18
PHEAT+5867	proteomics_heat	4011400	4011426	+	1	2	E.PAAAAEMTK.W	13
PHEAT+5868	proteomics_heat	4011427	4011471	+	1	123	K.WFNTNYHYMVPEFVK.G	19
PHEAT+5869	proteomics_heat	4011427	4011495	+	1	7	K.WFNTNYHYMVPEFVKGQQFKLTW.T	27
PHEAT+5870	proteomics_heat	4011427	4011453	+	1	6	K.WFNTNYHYM.V	13
PHEAT+5871	proteomics_heat	4011427	4011450	+	1	4	K.WFNTNYHY.M	12
PHEAT+5872	proteomics_heat	4011433	4011471	+	1	2	F.NTNYHYMVPEFVK.G	17
PHEAT+5873	proteomics_heat	4011436	4011471	+	1	7	N.TNYHYMVPEFVK.G	16
PHEAT+5874	proteomics_heat	4011487	4011543	+	1	42	K.LTWTQLLDEVDEALALGHK.V	23
PHEAT+5875	proteomics_heat	4011544	4011591	+	1	94	K.VKPVLLGPVTWLWLKG.V	20
PHEAT+5876	proteomics_heat	4011544	4011579	+	1	3	K.VKPVLLGPVTWL.W	16
PHEAT+5877	proteomics_heat	4011544	4011585	+	1	3	K.VKPVLLGPVTWLWL.G	18
PHEAT+5878	proteomics_heat	4011562	4011591	+	1	8	L.GPVTWLWLKG.V	14
PHEAT+5879	proteomics_heat	4011592	4011615	+	1	3	K.VKGEQFDR.L	12
PHEAT+5880	proteomics_heat	4011613	4011675	+	1	28	D.RLSLLNDILPVYQQVLAELAK.R	25
PHEAT+5881	proteomics_heat	4011616	4011675	+	1	52	R.LSLLNDILPVYQQVLAELAK.R	24
PHEAT+5882	proteomics_heat	4011616	4011678	+	1	15	R.LSLLNDILPVYQQVLAELAKR.G	25
PHEAT+5883	proteomics_heat	4011619	4011675	+	1	4	L.SLLNDILPVYQQVLAELAK.R	23
PHEAT+5884	proteomics_heat	4011640	4011678	+	1	2	L.PVYQQVLAELAKR.G	17
PHEAT+5885	proteomics_heat	4011646	4011675	+	1	2	V.YQQVLAELAK.R	14
PHEAT+5886	proteomics_heat	4011679	4011786	+	1	50	R.GIEWVQIDEPALVLELPQAWLDAYKPAYDALQGQVK.L	40
PHEAT+5887	proteomics_heat	4011727	4011786	+	1	9	L.PQAWLDAYKPAYDALQGQVK.L	24
PHEAT+5888	proteomics_heat	4011787	4011834	+	1	2	K.LLLTTYFEGVTPNLDI.I	20
PHEAT+5889	proteomics_heat	4011787	4011909	+	1	27	K.LLLTTYFEGVTPNLDITITALPVQGLHVDLVHGKDDVAELHK.R	45
PHEAT+5890	proteomics_heat	4011787	4011912	+	1	25	K.LLLTTYFEGVTPNLDITITALPVQGLHVDLVHGKDDVAELHKR.L	46

PHEAT+5891	proteomics_heat	4011787	4011885	+	1	38	K.LLLTTYFEGVTPNLDITALPVQGLHVDLVHGK.D	37
PHEAT+5892	proteomics_heat	4011787	4011861	+	1	2	K.LLLTTYFEGVTPNLDITALPVQGL.H	29
PHEAT+5893	proteomics_heat	4011844	4011909	+	1	2	A.LPVQGLHVDLVHGKDDVAELHK.R	26
PHEAT+5894	proteomics_heat	4011847	4011912	+	1	3	L.PVQGLHVDLVHGKDDVAELHKR.L	26
PHEAT+5895	proteomics_heat	4011847	4011909	+	1	7	L.PVQGLHVDLVHGKDDVAELHK.R	25
PHEAT+5896	proteomics_heat	4011886	4011912	+	1	17	K.DDVAELHKR.L	13
PHEAT+5897	proteomics_heat	4011886	4011909	+	1	4	K.DDVAELHK.R	12
PHEAT+5898	proteomics_heat	4011910	4011951	+	1	2	K.RLPSDWLLSAGLIN.G	18
PHEAT+5899	proteomics_heat	4011910	4011957	+	1	32	K.RLPSDWLLSAGLINGR.N	20
PHEAT+5900	proteomics_heat	4011913	4011957	+	1	53	R.LPSDWLLSAGLINGR.N	19
PHEAT+5901	proteomics_heat	4011988	4012017	+	1	2	K.YAQIKDIVGK.R	14
PHEAT+5902	proteomics_heat	4011991	4012086	+	1	9	Y.AQIKDIVGKRDLWVASSCSLLHSPIDLSVETR.L	36
PHEAT+5903	proteomics_heat	4012018	4012086	+	1	9	K.RDLWVASSCSLLHSPIDLSVETR.L	27
PHEAT+5904	proteomics_heat	4012021	4012086	+	1	162	R.DLWVASSCSLLHSPIDLSVETR.L	26
PHEAT+5905	proteomics_heat	4012045	4012086	+	1	2	C.SLLHSPIDLSVETR.L	18
PHEAT+5906	proteomics_heat	4012105	4012131	+	1	11	K.SWFALQK.C	13
PHEAT+5907	proteomics_heat	4012132	4012155	+	1	15	K.CHELALLR.D	12
PHEAT+5908	proteomics_heat	4012156	4012218	+	1	44	R.DALNSGDTAALAEWSAPIQAR.R	25
PHEAT+5909	proteomics_heat	4012234	4012257	+	1	3	R.VHNPAVEK.R	12
PHEAT+5910	proteomics_heat	4012258	4012293	+	1	19	K.RLAAITAQDSQR.A	16
PHEAT+5911	proteomics_heat	4012261	4012293	+	1	41	R.LAAITAQDSQR.A	15
PHEAT+5912	proteomics_heat	4012315	4012398	+	1	7	R.AEAQRARFKLPAWPTTTIGSFQTEIR.T	32
PHEAT+5913	proteomics_heat	4012336	4012398	+	1	160	R.FKLPAWPTTTIGSFQTEIR.T	25
PHEAT+5914	proteomics_heat	4012336	4012383	+	1	8	R.FKLPAWPTTTIGSFQ.T	20
PHEAT+5915	proteomics_heat	4012336	4012374	+	1	7	R.FKLPAWPTTTIGS.F	17
PHEAT+5916	proteomics_heat	4012342	4012398	+	1	14	K.LPAWPTTTIGSFQTEIR.T	23
PHEAT+5917	proteomics_heat	4012375	4012398	+	1	8	S.FQTEIR.T	12
PHEAT+5918	proteomics_heat	4012420	4012449	+	1	26	K.KGNLDANNYR.T	14
PHEAT+5919	proteomics_heat	4012423	4012449	+	1	5	K.GNLDANNYR.T	13
PHEAT+5920	proteomics_heat	4012450	4012473	+	1	16	R.TGIAEHK.Q	12
PHEAT+5921	proteomics_heat	4012498	4012536	+	1	58	R.LGLDVLVHGEAER.N	17
PHEAT+5922	proteomics_heat	4012537	4012620	+	1	83	R.NDMVEYFGEHLDGFVFTQNGWVQSYGSR.C	32
PHEAT+5923	proteomics_heat	4012561	4012620	+	1	6	G.EHLDGFVFTQNGWVQSYGSR.C	24
PHEAT+5924	proteomics_heat	4012564	4012620	+	1	8	E.HLDGFVFTQNGWVQSYGSR.C	23
PHEAT+5925	proteomics_heat	4012621	4012689	+	1	17	R.CVKPPIVIGDISRPAPITVEWAK.Y	27
PHEAT+5926	proteomics_heat	4012621	4012659	+	1	6	R.CVKPPIVIGDISR.P	17
PHEAT+5927	proteomics_heat	4012687	4012722	+	1	2	A.KYAQSLTDKPKV.G	16
PHEAT+5928	proteomics_heat	4012690	4012722	+	1	53	K.YAQSLTDKPKV.G	15
PHEAT+5929	proteomics_heat	4012723	4012770	+	1	121	K.GMLTGPVTILCWSFPR.E	20
PHEAT+5930	proteomics_heat	4012801	4012887	+	1	1281	K.QIALALRDEVADLEAAGIGIIQIDEPALR.E	33
PHEAT+5931	proteomics_heat	4012822	4012887	+	1	337	R.DEVADLEAAGIGIIQIDEPALR.E	26
PHEAT+5932	proteomics_heat	4012906	4012953	+	1	23	R.RSDWDAYLQWGVAFR.I	20
PHEAT+5933	proteomics_heat	4012909	4012953	+	1	687	R.SDWDAYLQWGVAFR.I	19
PHEAT+5934	proteomics_heat	4012954	4012998	+	1	7	R.INAAVAKDDTQIHTH.M	19
PHEAT+5935	proteomics_heat	4012999	4013079	+	1	12	H.MCYCEFNDIMDSIAALDADVITIETSR.S	31
PHEAT+5936	proteomics_heat	4013005	4013079	+	1	5	C.YCEFNDIMDSIAALDADVITIETSR.S	29

PHEAT+5937	proteomics_heat	4013080	4013157	+	1	2	R.SDMELLESFEEFDYPNEIGPGVYDIH.S	30
PHEAT+5938	proteomics_heat	4013233	4013262	+	1	17	R.LWVNPDCGLK.T	14
PHEAT+5939	proteomics_heat	4013284	4013328	+	1	2	T.RAALANMVQAAQNL.R	19
PHEAT+5940	proteomics_heat	4013287	4013328	+	1	37	R.AALANMVQAAQNL.R	18
PHEAT+5941	proteomics_heat	4013302	4013328	+	1	3	N.MVQAAQNL.R	13
PHEAT+5942	proteomics_heat	4014457	4014492	+	1	2	M.SKSDVFHGLTK.N	16
PHEAT+5943	proteomics_heat	4014493	4014552	+	1	6	K.NDLQGATLAIVPGDPDRVEK.I	24
PHEAT+5944	proteomics_heat	4014493	4014543	+	1	3	K.NDLQGATLAIVPGDPDR.V	21
PHEAT+5945	proteomics_heat	4014553	4014582	+	1	8	K.IAALMDKPKV.L	14
PHEAT+5946	proteomics_heat	4014616	4014714	+	1	3	R.AELDGGKPVIVCSTGIGGPSTSIAVEELAQLGIR.T	37
PHEAT+5947	proteomics_heat	4014727	4014798	+	1	33	R.IGTTGAIQPHINVGDLVTTASVR.L	28
PHEAT+5948	proteomics_heat	4014799	4014888	+	1	66	R.LDGASLHFAPLEFPAVADFECTALVEAAK.S	34
PHEAT+5949	proteomics_heat	4014889	4014957	+	1	8	K.SIGATTHVGVGTASSDTFYPGQER.Y	27
PHEAT+5950	proteomics_heat	4015090	4015122	+	1	4	R.AGMVAGVIVNR.T	15
PHEAT+5951	proteomics_heat	4015123	4015158	+	1	4	R.TQQEIPNAETMK.Q	16
PHEAT+5952	proteomics_heat	4016890	4016931	+	1	5	K.SQETTHFGFQTVAK.E	18
PHEAT+5953	proteomics_heat	4016941	4016982	+	1	7	K.ADMVAHV FHSVASK.Y	18
PHEAT+5954	proteomics_heat	4016983	4017024	+	1	4	K.YDVMNDLMSFGIHR.L	18
PHEAT+5955	proteomics_heat	4017064	4017117	+	1	2	R.RGQTVLDLAGGTGDLTAK.F	22
PHEAT+5956	proteomics_heat	4017067	4017117	+	1	2	R.GQTVLDLAGGTGDLTAK.F	21
PHEAT+5957	proteomics_heat	4017148	4017183	+	1	3	K.VVLADINESMLK.M	16
PHEAT+5958	proteomics_heat	4017373	4017420	+	1	8	R.LLVLEFSKPIIEPLSK.A	20
PHEAT+5959	proteomics_heat	4017421	4017456	+	1	4	K.AYDAYSFHVLP.R.I	16
PHEAT+5960	proteomics_heat	4017457	4017495	+	1	2	R.IGSLVANDADSYR.Y	17
PHEAT+5961	proteomics_heat	4017544	4017618	+	1	3	K.AMMQDAGFESVDYYNLTAGVVALHR.G	29
PHEAT+5962	proteomics_heat	4017650	4017709	+	2	7	M.PFKPLVTAGIESLLNTFLYR.S	24
PHEAT+5963	proteomics_heat	4020088	4020123	+	1	2	K.KAMSDDEPKQDK.T	16
PHEAT+5964	proteomics_heat	4020124	4020153	+	1	4	K.TSQDADFTAK.T	14
PHEAT+5965	proteomics_heat	4020151	4020198	+	1	2	A.KTIADKQADTNQEAK.T	20
PHEAT+5966	proteomics_heat	4020154	4020198	+	1	3	K.TIADKQADTNQEAK.T	19
PHEAT+5967	proteomics_heat	4020169	4020216	+	1	2	K.QADTNQEAKTEDAKR.H	20
PHEAT+5968	proteomics_heat	4020523	4020591	+	1	3	R.SYVANDPEKASDEAHTIHNPPVK.D	27
PHEAT+5969	proteomics_heat	4020550	4020591	+	1	5	K.ASDEAHTIHNPPVK.D	18
PHEAT+5970	proteomics_heat	4023026	4023082	+	2	2	K.YNDLRDFTLLEQQGELKR.I	23
PHEAT+5971	proteomics_heat	4023083	4023133	+	2	2	R.ITLPVDPHLEITEIADR.T	21
PHEAT+5972	proteomics_heat	4023227	4023268	+	2	2	R.VAMGMGQEDVSALR.E	18
PHEAT+5973	proteomics_heat	4023281	4023325	+	2	3	K.LLAFLKEPEPPKGFR.D	19
PHEAT+5974	proteomics_heat	4023602	4023652	+	2	4	R.GGALDYQEWCAAHPGER.F	21
PHEAT+5975	proteomics_heat	4023653	4023757	+	2	4	R.FPVSVALGADPATILGAVTPVPDTLSEYAFAGLLR.G	39
PHEAT+5976	proteomics_heat	4023947	4024048	+	2	6	R.EDAIYHSTYTGRPPDEPAVLGVALNEVFVPIQK.Q	38
PHEAT+5977	proteomics_heat	4024286	4024360	+	2	16	R.DTVLVENTPIDYLDFAFPVSGLGSK.M	29
PHEAT+5978	proteomics_heat	4024682	4024723	+	2	2	R.DKRPFMSASTPDEK.G	18
PHEAT+5979	proteomics_heat	4024799	4024846	+	2	2	K.DHQIVVDIPHGEAWLR.D	20
PHEAT+5980	proteomics_heat	4024907	4024933	+	2	2	R.SILLTALAR.N	13
PHEAT+5981	proteomics_heat	4024973	4025023	+	2	4	R.EEQHLYDLCELEALS.LK.H	21
PHEAT+5982	proteomics_heat	4025024	4025077	+	2	3	K.HPGLQVVPVVEQPEAGWR.G	22

PHEAT+5983	proteomics_heat	4025084	4025158	+	2	4	R.TGTVLTAVLQDHGTLAEHDIYIAGR.F	29
PHEAT+5984	proteomics_heat	4029211	4029237	+	1	3	K.NHIATLQER.T	13
PHEAT+5985	proteomics_heat	4029265	4029336	+	1	2	K.LDALLIHSGELFNVFLDDHPYPFK.V	28
PHEAT+5986	proteomics_heat	4029553	4029588	+	1	3	R.GNIGYIGPVPER.A	16
PHEAT+5987	proteomics_heat	4029589	4029630	+	1	4	R.ALQLGIEASNINPK.G	18
PHEAT+5988	proteomics_heat	4029661	4029696	+	1	2	R.SFKTEYELACMR.E	16
PHEAT+5989	proteomics_heat	4029751	4029807	+	1	10	R.SGMSEFDINIAYLTATGHR.D	23
PHEAT+5990	proteomics_heat	4029877	4029906	+	1	10	K.LDHQAPEEMR.S	14
PHEAT+5991	proteomics_heat	4029907	4029963	+	1	20	R.SFLLDAGAENGYAADLTR.T	23
PHEAT+5992	proteomics_heat	4029979	4030008	+	1	3	K.SDNDYAQLVK.D	14
PHEAT+5993	proteomics_heat	4030009	4030050	+	1	5	K.DVNDEQLALIATMK.A	18
PHEAT+5994	proteomics_heat	4030051	4030095	+	1	6	K.AGVSYVDYHIQFHQR.I	19
PHEAT+5995	proteomics_heat	4030414	4030446	+	1	3	K.IEALKPFGGIR.I	15
PHEAT+5996	proteomics_heat	4030447	4030497	+	1	6	R.IEDNVVIHENNVENMTR.D	21
PHEAT+5997	proteomics_heat	4032284	4032316	+	2	3	R.LVHPNAVYSIK.L	15
PHEAT+5998	proteomics_heat	4032676	4032747	+	1	4	R.EIASYLASELKELGIQADVAVHR.I	28
PHEAT+5999	proteomics_heat	4032709	4032747	+	1	2	K.ELGIQADVAVHR.I	17
PHEAT+6000	proteomics_heat	4032859	4032906	+	1	3	R.LNSMPSAFYSVNLVAR.K	20
PHEAT+6001	proteomics_heat	4033063	4033092	+	1	2	K.MSGGETDTRK.E	14
PHEAT+6002	proteomics_heat	4033138	4033173	+	1	3	R.EIAHLTDKPTLK.-	16
PHEAT+6003	proteomics_heat	4040104	4040148	+	1	8	K.RLNEVIELLQPAWQK.E	19
PHEAT+6004	proteomics_heat	4040104	4040184	+	1	2	K.RLNEVIELLQPAWQKEPDLNLLQFLQK.L	31
PHEAT+6005	proteomics_heat	4040107	4040148	+	1	3	R.LNEVIELLQPAWQK.E	18
PHEAT+6006	proteomics_heat	4040107	4040184	+	1	20	R.LNEVIELLQPAWQKEPDLNLLQFLQK.L	30
PHEAT+6007	proteomics_heat	4040146	4040184	+	1	2	Q.KEPDLNLLQFLQK.L	17
PHEAT+6008	proteomics_heat	4040149	4040184	+	1	2	K.EPDLNLLQFLQK.L	16
PHEAT+6009	proteomics_heat	4040164	4040256	+	1	13	N.LLQFLQKLAKESGFDGELADLTDDILYHLK.M	35
PHEAT+6010	proteomics_heat	4040194	4040256	+	1	28	K.ESGFDGELADLTDDILYHLK.M	25
PHEAT+6011	proteomics_heat	4040275	4040322	+	1	4	K.DAVIPGLQKDYEEDFK.T	20
PHEAT+6012	proteomics_heat	4040302	4040322	+	1	5	K.DYEEDFK.T	11
PHEAT+6013	proteomics_heat	4040438	4040515	+	2	3	G.MNNSAFTFQTLHPDTIMDALFEHGIR.V	30
PHEAT+6014	proteomics_heat	4041029	4041067	+	2	2	R.LHGDCHAGNILWR.D	17
PHEAT+6015	proteomics_heat	4041672	4041707	+	3	4	K.YHVNFMGGDLGK.D	16
PHEAT+6016	proteomics_heat	4041807	4041851	+	3	2	R.SASDIRDVFINAGIK.G	19
PHEAT+6017	proteomics_heat	4041972	4042046	+	3	4	K.YQLNPQGMDTSNMDVVFQQYADTVK.Y	29
PHEAT+6018	proteomics_heat	4044989	4045048	+	2	3	I.MVQIPQNPLILVDGSSYLVR.A	24
PHEAT+6019	proteomics_heat	4045049	4045129	+	2	11	R.AYHAFPLTNSAGEPTGAMYGVNLMLR.S	31
PHEAT+6020	proteomics_heat	4045130	4045183	+	2	5	R.SLIMQYKPTHAAVVFAK.G	22
PHEAT+6021	proteomics_heat	4045190	4045222	+	2	3	K.TFRDELFEHYK.S	15
PHEAT+6022	proteomics_heat	4045289	4045357	+	2	8	K.AMGLPLLAVSGVEADDVIGTLAR.E	27
PHEAT+6023	proteomics_heat	4045493	4045585	+	2	2	K.YGVPELIIIDFLALMGDSSDNIPGVPGVGEK.T	35
PHEAT+6024	proteomics_heat	4045586	4045648	+	2	4	K.TAQUALLQGLGLDLYAEPEK.I	25
PHEAT+6025	proteomics_heat	4045748	4045828	+	2	4	K.TDVELELTCEQLEVQQPAAEELGLFK.K	31
PHEAT+6026	proteomics_heat	4046189	4046227	+	2	2	R.ALELLKPLLEDEK.A	17
PHEAT+6027	proteomics_heat	4046264	4046296	+	2	2	R.GILANYGIELR.G	15
PHEAT+6028	proteomics_heat	4046297	4046353	+	2	11	R.GIAFDTMLESYILNSVAGR.H	23

PHEAT+6029	proteomics_heat	4046426	4046476	+	2	4	K.GKNQLTFNQIALEEAGR.Y	21
PHEAT+6030	proteomics_heat	4046432	4046476	+	2	2	K.NQLTFNQIALEEAGR.Y	19
PHEAT+6031	proteomics_heat	4046543	4046605	+	2	2	K.HKGPLNVFENIEMPLVPVLSR.I	25
PHEAT+6032	proteomics_heat	4046549	4046605	+	2	7	K.GPLNVFENIEMPLVPVLSR.I	23
PHEAT+6033	proteomics_heat	4046639	4046674	+	2	2	K.VLHNHSEELTLR.L	16
PHEAT+6034	proteomics_heat	4046696	4046740	+	2	3	K.AHEIAGEEFNLSSTK.Q	19
PHEAT+6035	proteomics_heat	4046792	4046863	+	2	3	K.TPGGAPSTSEEVLEELALDYPLPK.V	28
PHEAT+6036	proteomics_heat	4046900	4046941	+	2	3	K.STYTDKLPLMINPK.T	18
PHEAT+6037	proteomics_heat	4047194	4047250	+	2	3	R.ATAAEVFGLPLETVTSEQR.R	23
PHEAT+6038	proteomics_heat	4047419	4047451	+	2	2	K.EQGYVETLDGR.R	15
PHEAT+6039	proteomics_heat	4047614	4047682	+	2	2	R.MIMQVHDELVFEVHKDDVDAVAK.Q	27
PHEAT+6040	proteomics_heat	4047716	4047772	+	2	2	R.LDVPLLVEVGSGENWDQAH.-	23
PHEAT+6041	proteomics_heat	4049427	4049456	+	3	3	K.TRELDQEAR.D	14
PHEAT+6042	proteomics_heat	4049631	4049711	+	3	2	K.SEKPLSPQAELELLETDERLDALLER.L	31
PHEAT+6043	proteomics_heat	4049643	4049690	+	3	2	P.MLSPQAELELLETDER.L	20
PHEAT+6044	proteomics_heat	4049712	4049765	+	3	2	R.LEAGETLSAEEQSWVDAK.L	22
PHEAT+6045	proteomics_heat	4049766	4049795	+	3	2	K.LDRIDELMQK.L	14
PHEAT+6046	proteomics_heat	4049796	4049861	+	3	4	K.LGLSYDDDEEEEEDEKQEDMMR.L	26
PHEAT+6047	proteomics_heat	4050665	4050715	+	2	2	R.EIGFTSTNIDLIYGLPK.Q	21
PHEAT+6048	proteomics_heat	4050776	4050826	+	2	3	R.LSVFNIAHLPTIFAAQR.K	21
PHEAT+6049	proteomics_heat	4050830	4050865	+	2	3	K.IKDADLPSPPQK.L	16
PHEAT+6050	proteomics_heat	4050836	4050865	+	2	3	K.DADLPSPPQK.L	14
PHEAT+6051	proteomics_heat	4051304	4051330	+	2	4	K.DGLVDVDEK.G	13
PHEAT+6052	proteomics_heat	4056448	4056483	+	1	4	R.NIAIIAHVDHGK.T	16
PHEAT+6053	proteomics_heat	4056502	4056534	+	1	4	K.LLQQSGTFDSR.A	15
PHEAT+6054	proteomics_heat	4056553	4056585	+	1	4	R.VMDSNDLEKER.G	15
PHEAT+6055	proteomics_heat	4056637	4056690	+	1	5	R.INIVDTPGHADFGGEVER.V	22
PHEAT+6056	proteomics_heat	4056691	4056759	+	1	5	R.VMSMVDSVLLVDAFDGPMQTR.F	27
PHEAT+6057	proteomics_heat	4056772	4056816	+	1	4	K.KAFAYGLKPIVVINK.V	19
PHEAT+6058	proteomics_heat	4056775	4056816	+	1	9	K.AFAYGLKPIVVINK.V	18
PHEAT+6059	proteomics_heat	4057120	4057164	+	1	12	K.VKPNQQVTIIDSEGK.T	19
PHEAT+6060	proteomics_heat	4057189	4057215	+	1	5	K.VLGHGLER.I	13
PHEAT+6061	proteomics_heat	4057441	4057467	+	1	4	K.ELVHNVALR.V	13
PHEAT+6062	proteomics_heat	4057468	4057500	+	1	6	R.VEETEDADAFR.V	15
PHEAT+6063	proteomics_heat	4057513	4057551	+	1	11	R.GELHLSVLIENMR.R	17
PHEAT+6064	proteomics_heat	4057555	4057587	+	1	6	R.EGFELAVSRPK.V	15
PHEAT+6065	proteomics_heat	4057615	4057695	+	1	9	R.KQEPYENVTLDVEEQHQGSVMQALGER.K	31
PHEAT+6066	proteomics_heat	4057738	4057767	+	1	4	R.VRLDYVIPS.R	14
PHEAT+6067	proteomics_heat	4057786	4057878	+	1	14	R.SEFMTMTSGTGLLYSTFSHYDDVVRPGEVGQR.Q	35
PHEAT+6068	proteomics_heat	4057879	4057914	+	1	6	R.QNGVLISNGQGK.A	16
PHEAT+6069	proteomics_heat	4057957	4058016	+	1	37	K.LFLGHGAEVYEGQIIGIHSR.S	24
PHEAT+6070	proteomics_heat	4058017	4058052	+	1	3	R.SNDLTVNCLTGK.K	16
PHEAT+6071	proteomics_heat	4058071	4058115	+	1	6	R.ASGTDEAVVLVPPIR.M	19
PHEAT+6072	proteomics_heat	4058116	4058187	+	1	43	R.MTLEQALEFIDDELVEVTPTSIR.I	28
PHEAT+6073	proteomics_heat	4072758	4072817	+	3	3	R.GYMNIDELANLLDVSTQTVR.R	24
PHEAT+6074	proteomics_heat	4073142	4073198	+	3	3	R.SHNSGIIGPSAASFVADFR.A	23

PHEAT+6075	proteomics_heat	4073909	4073950	+	2	7	R.LHTTFWPEEYPEIR.D	18
PHEAT+6076	proteomics_heat	4073951	4073995	+	2	2	R.DAADHIYLSQDLGMR.K	19
PHEAT+6077	proteomics_heat	4075628	4075699	+	2	3	R.DAWDAMAHHQMVVDEQGNLVAVGR.L	28
PHEAT+6078	proteomics_heat	4075736	4075768	+	2	3	R.FMAVHPDVQDK.G	15
PHEAT+6079	proteomics_heat	4075769	4075813	+	2	2	K.GLGLTMAMTLESVAR.Q	19
PHEAT+6080	proteomics_heat	4075877	4075930	+	2	3	K.LGFVNQGEITPTTTPIR.H	22
PHEAT+6081	proteomics_heat	4075931	4075981	+	2	2	R.HFLMIKPVATLDDILHR.G	21
PHEAT+6082	proteomics_heat	4076243	4076314	+	2	3	R.YSKPISGKPHAVADLGALSGDLDR.L	28
PHEAT+6083	proteomics_heat	4084138	4084218	+	1	10	R.LDEVAEEVPVALVYNGISHVVMASPK.D	31
PHEAT+6084	proteomics_heat	4098836	4098895	+	2	7	M.SYTLPSLPYAYDALEPHFDK.Q	24
PHEAT+6085	proteomics_heat	4098836	4098922	+	2	4	M.SYTLPSLPYAYDALEPHFDKQTMEIHHTK.H	33
PHEAT+6086	proteomics_heat	4098896	4098922	+	2	5	K.QTMEIHHTK.H	13
PHEAT+6087	proteomics_heat	4098923	4099012	+	2	7	K.HHQTYYVNNANALESPEFANLPVEELITK.L	34
PHEAT+6088	proteomics_heat	4099013	4099039	+	2	6	K.LDQLPADKK.T	13
PHEAT+6089	proteomics_heat	4099103	4099132	+	2	3	K.KGTTLQGDLEK.A	14
PHEAT+6090	proteomics_heat	4099148	4099174	+	2	10	R.DFGSVDNFK.A	13
PHEAT+6091	proteomics_heat	4099148	4099189	+	2	6	R.DFGSVDNFKAEFEK.A	18
PHEAT+6092	proteomics_heat	4099205	4099237	+	2	5	R.FGSGWAWLVLK.G	15
PHEAT+6093	proteomics_heat	4099247	4099363	+	2	16	K.LAVVSTANQDSPLMGEAISGASGFPIIMGLDVWEHAYYK.F	43
PHEAT+6094	proteomics_heat	4099247	4099354	+	2	3	K.LAVVSTANQDSPLMGEAISGASGFPIIMGLDVWEHAY.Y	40
PHEAT+6095	proteomics_heat	4099304	4099363	+	2	2	S.GASGFPIIMGLDVWEHAYYK.F	24
PHEAT+6096	proteomics_heat	4099394	4099435	+	2	10	K.EFVNVVNWDEAAAR.F	18
PHEAT+6097	proteomics_heat	4100845	4100877	+	1	2	Q.MRYPVDVYTGK.I	15
PHEAT+6098	proteomics_heat	4100878	4100919	+	1	3	K.IQAYPEGKPSAIAK.I	18
PHEAT+6099	proteomics_heat	4102755	4102823	+	3	6	V.LAVPTYQSPGTDAAATLNRWADR.S	27
PHEAT+6100	proteomics_heat	4103906	4103959	+	2	2	A.AEVGSGDNWHPGEELTQR.S	22
PHEAT+6101	proteomics_heat	4103960	4104010	+	2	5	R.STQSHMFDGSLTEHQR.Q	21
PHEAT+6102	proteomics_heat	4104044	4104091	+	2	5	R.HEQPPVNVSELETMHR.L	20
PHEAT+6103	proteomics_heat	4104209	4104247	+	2	3	R.LLTPEQQAVLNEK.H	17
PHEAT+6104	proteomics_heat	4105311	4105367	+	3	3	R.RFPGSDVVIHQDPCSVVPR.E	23
PHEAT+6105	proteomics_heat	4105584	4105640	+	3	3	K.KIGVLTSGGDAPGMNAAIR.G	23
PHEAT+6106	proteomics_heat	4105587	4105640	+	3	5	K.IGVLTSGGDAPGMNAAIR.G	22
PHEAT+6107	proteomics_heat	4105653	4105721	+	3	79	R.SALTEGLEVMGIYDGYLGLYEDR.M	27
PHEAT+6108	proteomics_heat	4105740	4105766	+	3	5	R.YSVSDMINR.G	13
PHEAT+6109	proteomics_heat	4105824	4105847	+	3	2	R.AVAIENLK.K	12
PHEAT+6110	proteomics_heat	4105854	4105910	+	3	55	R.GIDALVVIGGDGSYMGAMR.L	23
PHEAT+6111	proteomics_heat	4105911	4105970	+	3	8	R.LTEMGFPCIGLPGTIDNDIK.G	24
PHEAT+6112	proteomics_heat	4105971	4106033	+	3	13	K.GTDYITIGFFALSTVVEAIDR.L	25
PHEAT+6113	proteomics_heat	4106064	4106090	+	3	2	R.ISVVEVMGR.Y	13
PHEAT+6114	proteomics_heat	4106220	4106246	+	3	2	K.HAIVAITEH.M	13
PHEAT+6115	proteomics_heat	4106220	4106285	+	3	19	K.HAIVAITEHMCDVDELAHFIEK.E	26
PHEAT+6116	proteomics_heat	4106307	4106333	+	3	6	R.ATVLGHIQR.G	13
PHEAT+6117	proteomics_heat	4106376	4106423	+	3	14	R.MGAYAIIDLLLAGYGGR.C	20
PHEAT+6118	proteomics_heat	4106424	4106489	+	3	6	R.CVGIQNEQLVHHDIIIDAIENMK.R	26
PHEAT+6119	proteomics_heat	4106490	4106525	+	3	2	K.RPFKGDWLDCAK.K	16
PHEAT+6120	proteomics_heat	4106914	4106955	+	1	2	A.KDIQLLNVSYPTR.E	18

PHEAT+6121	proteomics_heat	4107055	4107138	+	1	9	K.QATSVINGIEADVVTLALAYDVDAIAER.G	32
PHEAT+6122	proteomics_heat	4107463	4107528	+	1	5	R.GIGDVLIAWENEALLAANELGK.D	26
PHEAT+6123	proteomics_heat	4107646	4107684	+	1	2	K.YLYSPEGQEIAAK.N	17
PHEAT+6124	proteomics_heat	4110990	4111010	+	3	2	P.MKDVVDK.C	11
PHEAT+6125	proteomics_heat	4111023	4111076	+	3	2	K.GCAIDIGTVIDNDNCTSK.F	22
PHEAT+6126	proteomics_heat	4111128	4111187	+	3	2	K.LKELAAATSSADEGASVAYK.I	24
PHEAT+6127	proteomics_heat	4111134	4111187	+	3	3	K.ELAAATSSADEGASVAYK.I	22
PHEAT+6128	proteomics_heat	4111328	4111381	+	2	15	K.HIGVAISGNEEDALLVNK.A	22
PHEAT+6129	proteomics_heat	4111703	4111741	+	2	3	K.MSADLLIVPFIDK.-	17
PHEAT+6130	proteomics_heat	4116547	4116579	+	1	2	M.SLEVFKELEAK.V	15
PHEAT+6131	proteomics_heat	4116547	4116567	+	1	2	M.SLEVFEL.L	11
PHEAT+6132	proteomics_heat	4116580	4116642	+	1	59	K.VQQAIDTITLLQMEIEELKEK.N	25
PHEAT+6133	proteomics_heat	4116643	4116687	+	1	20	K.NNSLSQEVQNAQHQR.E	19
PHEAT+6134	proteomics_heat	4116643	4116702	+	1	2	K.NNSLSQEVQNAQHGREELER.E	24
PHEAT+6135	proteomics_heat	4116688	4116747	+	1	4	R.EELERENNHLKEQQNGWQER.L	24
PHEAT+6136	proteomics_heat	4116688	4116720	+	1	4	R.EELERENNHLK.E	15
PHEAT+6137	proteomics_heat	4116703	4116747	+	1	2	R.ENNHLKEQQNGWQER.L	19
PHEAT+6138	proteomics_heat	4125060	4125104	+	3	13	K.YEITASCSCGNVMK.I	19
PHEAT+6139	proteomics_heat	4125111	4125152	+	3	25	R.STVGHDLNLDVCSK.C	18
PHEAT+6140	proteomics_heat	4126728	4126820	+	3	3	R.SGLNDDEQYGCVVPIHLSSTYNFTGFNEPR.A	35
PHEAT+6141	proteomics_heat	4127049	4127087	+	3	3	R.VLFVDQGDQALR.A	17
PHEAT+6142	proteomics_heat	4127088	4127111	+	3	2	R.AALAEKPK.L	12
PHEAT+6143	proteomics_heat	4127112	4127150	+	3	2	K.LVLVESPSNPLLR.V	17
PHEAT+6144	proteomics_heat	4127187	4127288	+	3	18	R.EVGAVSVVDNTFLSPALQNPLALGADLVLHSTK.Y	38
PHEAT+6145	proteomics_heat	4127187	4127255	+	3	2	R.EVGAVSVVDNTFLSPALQNPLAL.G	27
PHEAT+6146	proteomics_heat	4127289	4127336	+	3	2	K.YLNGHSDVVAGVVIK.D	20
PHEAT+6147	proteomics_heat	4127487	4127513	+	3	2	K.YLQTQPLVK.K	13
PHEAT+6148	proteomics_heat	4127514	4127567	+	3	5	K.KLYHPSLPENQGHIEAAR.Q	22
PHEAT+6149	proteomics_heat	4127577	4127630	+	3	6	K.GFGAMLSFELDGDEQTLR.R	22
PHEAT+6150	proteomics_heat	4127631	4127693	+	3	2	R.RFLGGLSLFTLAESLGGVESL.I	25
PHEAT+6151	proteomics_heat	4127745	4127837	+	3	2	R.AAAGISETLLRISTGIEDGEDLIADLENGFR.A	35
PHEAT+6152	proteomics_heat	4127745	4127777	+	3	3	R.AAAGISETLLR.I	15
PHEAT+6153	proteomics_heat	4127778	4127837	+	3	7	R.ISTGIEDGEDLIADLENGFR.A	24
PHEAT+6154	proteomics_heat	4127948	4128043	+	2	3	R.VAGIMAEYSQPDDMMVSAAGSTTNQLINWLK.L	36
PHEAT+6155	proteomics_heat	4128062	4128094	+	2	2	R.LSAHQVQQLR.R	15
PHEAT+6156	proteomics_heat	4128095	4128181	+	2	10	R.RYQCDLISGLLPAAEADSLISAFVSDLER.L	33
PHEAT+6157	proteomics_heat	4128098	4128181	+	2	18	R.YQCDLISGLLPAAEADSLISAFVSDLER.L	32
PHEAT+6158	proteomics_heat	4128182	4128262	+	2	5	R.LAALLDSGINDAVYAEVVGHGEVWSAR.L	31
PHEAT+6159	proteomics_heat	4128263	4128319	+	2	4	R.LMSAVLNQQGLPAAWLDAR.E	23
PHEAT+6160	proteomics_heat	4128341	4128415	+	2	2	R.AAQPVQDEGLSYPLLQQLLVQHPGK.R	29
PHEAT+6161	proteomics_heat	4128446	4128478	+	2	3	R.NNAGETVLLGR.N	15
PHEAT+6162	proteomics_heat	4128479	4128532	+	2	3	R.NGSDYSATQIGALAGVSR.V	22
PHEAT+6163	proteomics_heat	4128617	4128643	+	2	3	R.LDEASELAR.L	13
PHEAT+6164	proteomics_heat	4128671	4128715	+	2	2	R.TLQPVSGSEIDLQLR.C	19
PHEAT+6165	proteomics_heat	4128785	4128850	+	2	5	R.IVTSHDDVCLIEFQVPASQDFK.L	26
PHEAT+6166	proteomics_heat	4128887	4128928	+	2	5	R.AQVRPLAVGVHNR.Q	18

PHEAT+6167	proteomics_heat	4128929	4128979	+	2	2	R.QLLQFCYTSEVADSALK.I	21
PHEAT+6168	proteomics_heat	4129169	4129219	+	2	5	R.TGPTESLIQLHQSVFR.A	21
PHEAT+6169	proteomics_heat	4129364	4129399	+	2	2	R.SLLSYDGLDASR.A	16
PHEAT+6170	proteomics_heat	4129466	4129576	+	2	11	R.AHPYDDLVLVDVTASQQLADQYLDFASHGFHVISANK.L	41
PHEAT+6171	proteomics_heat	4129577	4129609	+	2	2	K.LAGASDSNKYR.Q	15
PHEAT+6172	proteomics_heat	4129643	4129699	+	2	3	R.HWLYNATVAGLPIHTVR.D	23
PHEAT+6173	proteomics_heat	4130105	4130185	+	2	3	R.VGVEAVREDHPLASLLPCDNVFAIESR.W	31
PHEAT+6174	proteomics_heat	4130126	4130185	+	2	2	R.EDHPLASLLPCDNVFAIESR.W	24
PHEAT+6175	proteomics_heat	4130234	4130272	+	2	13	R.DVTAGAIQSDINR.L	17
PHEAT+6176	proteomics_heat	4130642	4130665	+	2	2	M.SFFHASQR.D	12
PHEAT+6177	proteomics_heat	4130666	4130737	+	2	125	R.DALNQSLAEVQGGQINVSFEFFPPR.T	28
PHEAT+6178	proteomics_heat	4130738	4130779	+	2	5	R.TSEMEQTLWNSIDR.L	18
PHEAT+6179	proteomics_heat	4130801	4130839	+	2	3	K.FVSVTYGANSGER.D	17
PHEAT+6180	proteomics_heat	4130879	4130938	+	2	8	R.TGLEAAPHLTCIDATPDEL.R.T	24
PHEAT+6181	proteomics_heat	4130897	4130938	+	2	2	A.PHLTCIDATPDEL.R.T	18
PHEAT+6182	proteomics_heat	4130993	4131058	+	2	14	R.GDLPPGSGKPEMYASDLVTLLK.E	26
PHEAT+6183	proteomics_heat	4131059	4131118	+	2	11	K.EVADFDISVAAYPEVHPEAK.S	24
PHEAT+6184	proteomics_heat	4131119	4131151	+	2	6	K.SAQADLLNLKR.K	15
PHEAT+6185	proteomics_heat	4131119	4131148	+	2	3	K.SAQADLLNLK.R	14
PHEAT+6186	proteomics_heat	4131176	4131217	+	2	34	R.AITQFFFDVESYLR.F	18
PHEAT+6187	proteomics_heat	4131302	4131328	+	2	6	K.KFADMTNVR.I	13
PHEAT+6188	proteomics_heat	4131329	4131385	+	2	9	R.IPAWMAQMFDGLDDAETR.K	23
PHEAT+6189	proteomics_heat	4131329	4131388	+	2	6	R.IPAWMAQMFDGLDDAETR.K.L	24
PHEAT+6190	proteomics_heat	4131386	4131424	+	2	6	R.KLVGANIAMDMVK.I	17
PHEAT+6191	proteomics_heat	4131389	4131424	+	2	3	K.LVGANIAMDMVK.I	16
PHEAT+6192	proteomics_heat	4131437	4131475	+	2	8	R.EGVKDFHFYTLNR.A	17
PHEAT+6193	proteomics_heat	4131476	4131526	+	2	13	R.AEMSYAICHTLGVPRGL.-	21
PHEAT+6194	proteomics_heat	4131861	4131902	+	3	4	M.STSDDIHNTTATGK.C	18
PHEAT+6195	proteomics_heat	4131903	4131959	+	3	5	K.CPFHQGGHDQSAGATTTTR.D	23
PHEAT+6196	proteomics_heat	4131984	4132013	+	3	5	R.VDLLNQHSNR.S	14
PHEAT+6197	proteomics_heat	4132014	4132049	+	3	3	R.SNPLGEDFDYRK.E	16
PHEAT+6198	proteomics_heat	4132050	4132082	+	3	2	K.EFSKLDYYGLK.K	15
PHEAT+6199	proteomics_heat	4132236	4132280	+	3	2	R.FAPLNSWPDNVSLDK.A	19
PHEAT+6200	proteomics_heat	4132326	4132388	+	3	12	K.ISWADLFILAGNVALENSGFR.T	25
PHEAT+6201	proteomics_heat	4132389	4132460	+	3	3	R.TFGFGAGREDVWEPDLVDVNWGDEK.A	28
PHEAT+6202	proteomics_heat	4132413	4132460	+	3	3	R.EDVWEPDLVDVNWGDEK.A	20
PHEAT+6203	proteomics_heat	4132500	4132595	+	3	4	K.APLGATEMGLIYVNPEGPDHSGEPLSAAAAIR.A	36
PHEAT+6204	proteomics_heat	4132863	4132883	+	3	2	K.YEWWQTR.S	11
PHEAT+6205	proteomics_heat	4132884	4132961	+	3	4	R.SPAGAIQFEAVDAPEIIPDPFDPSKK.R	30
PHEAT+6206	proteomics_heat	4132884	4132958	+	3	6	R.SPAGAIQFEAVDAPEIIPDPFDPSK.K	29
PHEAT+6207	proteomics_heat	4132965	4133000	+	3	5	R.KPTMLVTDLTLR.F	16
PHEAT+6208	proteomics_heat	4133034	4133075	+	3	4	R.FLNDPQAFNEAFAR.A	18
PHEAT+6209	proteomics_heat	4133121	4133219	+	3	5	R.YIGPEVPKEDLIWQDPLPQPIYNPTEQDIIDLK.F	37
PHEAT+6210	proteomics_heat	4133145	4133219	+	3	3	K.EDLIWQDPLPQPIYNPTEQDIIDLK.F	29
PHEAT+6211	proteomics_heat	4133424	4133474	+	3	16	K.ASLADIIVLAVGVGVEK.A	21
PHEAT+6212	proteomics_heat	4133475	4133525	+	3	14	K.AASAAGLSIHVPFAPGR.V	21



PHEAT+6213	proteomics_heat	4133538	4133597	+	3	22	R.QDQTDIEMFELLEPIADGFR.N	24
PHEAT+6214	proteomics_heat	4133607	4133651	+	3	7	R.ARLDVSTTESLLIDK.A	19
PHEAT+6215	proteomics_heat	4133613	4133651	+	3	2	R.LDVSTTESLLIDK.A	17
PHEAT+6216	proteomics_heat	4133652	4133708	+	3	9	K.AQQLTLTAPEMTALVGGMR.V	23
PHEAT+6217	proteomics_heat	4133709	4133738	+	3	4	R.VLGANFDGSK.N	14
PHEAT+6218	proteomics_heat	4133736	4133807	+	3	2	S.KNGVFTDRVGVLSNDFVNLDMR.Y	28
PHEAT+6219	proteomics_heat	4133760	4133807	+	3	44	R.VGVLSNDFVNLDMR.Y	20
PHEAT+6220	proteomics_heat	4133820	4133855	+	3	6	K.ATDESKELFEGR.D	16
PHEAT+6221	proteomics_heat	4133895	4133930	+	3	2	R.ADLVFGSNSVLR.A	16
PHEAT+6222	proteomics_heat	4133931	4133972	+	3	10	R.AVAEYASSDAHEK.F	18
PHEAT+6223	proteomics_heat	4134006	4134035	+	3	2	K.VMNLDRFDLL.-	14
PHEAT+6224	proteomics_heat	4136824	4136901	+	1	2	R.CHADGRSHFANIHRQTAQFLLPVQHL.-	30
PHEAT+6225	proteomics_heat	4153093	4153152	+	1	3	R.HPHMNITALTVSAQSNDAGK.L	24
PHEAT+6226	proteomics_heat	4153153	4153182	+	1	3	K.LISDLHPQLK.G	14
PHEAT+6227	proteomics_heat	4153345	4153371	+	1	2	R.VNDATFYEK.Y	13
PHEAT+6228	proteomics_heat	4153372	4153449	+	1	20	K.YYGFTHQYPELLEQAAYGLAEWCGNK.L	30
PHEAT+6229	proteomics_heat	4153456	4153596	+	1	5	K.EANLIAPGCGYPTAAQLALKPLIDADLLDLNQPVINATSGVSGAGR.K	51
PHEAT+6230	proteomics_heat	4153597	4153662	+	1	4	R.KA AISNSFCEVSLQPYGVFTHR.H	26
PHEAT+6231	proteomics_heat	4153600	4153662	+	1	6	K.AAISNSFCEVSLQPYGVFTHR.H	25
PHEAT+6232	proteomics_heat	4153663	4153734	+	1	8	R.HQPEIATHLGADVIFTPLGNFPR.G	28
PHEAT+6233	proteomics_heat	4153663	4153716	+	1	3	R.HQPEIATHLGADVIFTPH.L	22
PHEAT+6234	proteomics_heat	4153768	4153836	+	1	11	K.SGVTQAQVAQVLQQAAYAHKPLVR.L	27
PHEAT+6235	proteomics_heat	4153867	4153956	+	1	12	K.NVVGLPFCDIGFAVQGEHLIIVATEDNLLK.G	34
PHEAT+6236	proteomics_heat	4153957	4153995	+	1	6	K.GAAAQAVQCANIR.F	17
PHEAT+6237	proteomics_heat	4154060	4154101	+	2	5	K.LGGVLLDSEEALER.L	18
PHEAT+6238	proteomics_heat	4154102	4154128	+	2	4	R.LFSALVNYR.E	13
PHEAT+6239	proteomics_heat	4154129	4154194	+	2	5	R.ESHQRPLVIVHGGGCVVDELMK.G	26
PHEAT+6240	proteomics_heat	4154234	4154293	+	2	16	R.VTPADQIDIITGALAGTANK.T	24
PHEAT+6241	proteomics_heat	4154315	4154368	+	2	5	K.KHQIAAVGLFLGDGDSVK.V	22
PHEAT+6242	proteomics_heat	4154318	4154368	+	2	7	K.HQIAAVGLFLGDGDSVK.V	21
PHEAT+6243	proteomics_heat	4154369	4154428	+	2	12	K.VTQLDEELGHVGLAQPGSPK.L	24
PHEAT+6244	proteomics_heat	4154543	4154602	+	2	2	A.ATLGADLILLSVSGILDGK.G	24
PHEAT+6245	proteomics_heat	4154636	4154686	+	2	4	K.AEQLIEQGIITDGMIVK.V	21
PHEAT+6246	proteomics_heat	4154714	4154749	+	2	2	R.TLGRPVDIASWR.H	16
PHEAT+6247	proteomics_heat	4154750	4154800	+	2	4	R.HAEQLPALFNGMMPMGR.I	21
PHEAT+6248	proteomics_heat	4154957	4154998	+	2	5	R.LAEQDIVGSAVWSK.A	18
PHEAT+6249	proteomics_heat	4154999	4155082	+	2	86	K.ALVTGVGLTAEQAQLEALNVLLEDVR.A	32
PHEAT+6250	proteomics_heat	4155083	4155145	+	2	28	R.ARPQQILESDAEDIHSWVEGK.L	25
PHEAT+6251	proteomics_heat	4155146	4155175	+	2	4	K.LIDKVGQLGK.K	14
PHEAT+6252	proteomics_heat	4155194	4155226	+	2	8	R.SRNDQVATDLK.L	15
PHEAT+6253	proteomics_heat	4155239	4155271	+	2	5	K.DTVSELLTANR.Q	15
PHEAT+6254	proteomics_heat	4155272	4155349	+	2	7	R.QLQSALVETAQNNQDAVMPGYTHLQR.A	30
PHEAT+6255	proteomics_heat	4155350	4155406	+	2	3	R.AQPVTFAHWCLAYVEMLAR.D	23
PHEAT+6256	proteomics_heat	4155437	4155541	+	2	8	K.RLDVSPLGCGALAGTAYEIDREQLAGWLGFSATR.N	39
PHEAT+6257	proteomics_heat	4155440	4155541	+	2	10	R.LDVSPLGCGALAGTAYEIDREQLAGWLGFSATR.N	38
PHEAT+6258	proteomics_heat	4155542	4155625	+	2	32	R.NSLDSVSDRDHVLELLSAAAIGMVHLSR.F	32

PHEAT+6259	proteomics_heat	4155542	4155616	+	2	2	R.NSLDSVSDRDHVLELLSAAAIGMVH.L	29
PHEAT+6260	proteomics_heat	4155569	4155625	+	2	4	R.DHVLELLSAAAIGMVHLSR.F	23
PHEAT+6261	proteomics_heat	4155689	4155724	+	2	4	R.VTSGSSLMPQKK.N	16
PHEAT+6262	proteomics_heat	4155722	4155751	+	2	5	K.KNPDALELIR.G	14
PHEAT+6263	proteomics_heat	4155725	4155751	+	2	5	K.NPDALELIR.G	13
PHEAT+6264	proteomics_heat	4155767	4155805	+	2	6	R.VQGALTMMMTLK.G	17
PHEAT+6265	proteomics_heat	4155938	4156003	+	2	5	R.CQEAAQQGYANATELADYLVAK.G	26
PHEAT+6266	proteomics_heat	4156019	4156063	+	2	37	R.EAHHIVGEAVVEAIR.Q	19
PHEAT+6267	proteomics_heat	4156064	4156108	+	2	7	R.QGKPLEDLPLSELQK.F	19
PHEAT+6268	proteomics_heat	4156109	4156174	+	2	7	K.FSQVIDEDVYPILSLQSCLDKR.A	26
PHEAT+6269	proteomics_heat	4156109	4156171	+	2	2	K.FSQVIDEDVYPILSLQSCLDK.R	25
PHEAT+6270	proteomics_heat	4156184	4156237	+	2	13	K.GGVSPQQVAQAIAFAQAR.L	22
PHEAT+6271	proteomics_heat	4156525	4156560	+	1	3	R.DLEYLVALAEHR.H	16
PHEAT+6272	proteomics_heat	4156573	4156623	+	1	5	R.AADSCHVSQPTLSGQIR.K	21
PHEAT+6273	proteomics_heat	4156624	4156662	+	1	6	R.KLEDELGVMLLER.T	17
PHEAT+6274	proteomics_heat	4156672	4156719	+	1	6	R.KVLFTQAGMLLDQAR.T	20
PHEAT+6275	proteomics_heat	4157197	4157259	+	1	2	R.NMVAAGSGITLLPALAVPPER.K	25
PHEAT+6276	proteomics_heat	4157350	4157382	+	1	5	R.SRYEQLAEAIR.A	15
PHEAT+6277	proteomics_heat	4159306	4159359	+	1	2	R.DVDELGLTMVDESGLMLR.Q	22
PHEAT+6278	proteomics_heat	4159414	4159467	+	1	5	R.TSVSTFMEFIGNPNNAFR.L	22
PHEAT+6279	proteomics_heat	4159525	4159587	+	1	2	R.EIQHFIAELADYLELENHMPR.A	25
PHEAT+6280	proteomics_heat	4161722	4161763	+	2	2	A.QDTPDTLVVTANR.F	18
PHEAT+6281	proteomics_heat	4161929	4161973	+	2	6	R.GTNASHVLVLIDGVR.L	19
PHEAT+6282	proteomics_heat	4161974	4162039	+	2	4	R.LNLAGVSGSADLSQFPIALVQR.V	26
PHEAT+6283	proteomics_heat	4162121	4162210	+	2	8	R.DEPGTEISAGWGSNSYQNYDVSTQQQLGDK.T	34
PHEAT+6284	proteomics_heat	4162322	4162378	+	2	2	K.TLYGALEHNFTDAWSGFVR.G	23
PHEAT+6285	proteomics_heat	4162400	4162450	+	2	2	R.TNYDAYSPGSPLLDTR.K	21
PHEAT+6286	proteomics_heat	4162451	4162486	+	2	2	R.KLYSQSWDAGLR.Y	16
PHEAT+6287	proteomics_heat	4162508	4162540	+	2	6	K.SQLITSYSHSK.D	15
PHEAT+6288	proteomics_heat	4162571	4162603	+	2	2	R.YDSSATLDEM.K	15
PHEAT+6289	proteomics_heat	4162679	4162729	+	2	4	K.QTTTTPGTGYVEDGYDQR.N	21
PHEAT+6290	proteomics_heat	4162796	4162822	+	2	2	R.SDDNSQFGR.H	13
PHEAT+6291	proteomics_heat	4162823	4162873	+	2	4	R.HGTWQTSAGWFEIEGYR.F	21
PHEAT+6292	proteomics_heat	4162904	4162963	+	2	2	K.APNLQLYGFYGNPNLDPEK.S	24
PHEAT+6293	proteomics_heat	4163300	4163341	+	2	2	R.YDKDYSSYPYQTVK.M	18
PHEAT+6294	proteomics_heat	4163342	4163407	+	2	7	K.MGGVSLWDLAVYPTSHLTVR.G	26
PHEAT+6295	proteomics_heat	4163414	4163473	+	2	5	K.IANLFDKDYETVYGYQTAGR.E	24
PHEAT+6296	proteomics_heat	4163574	4163639	+	3	5	R.HLLPDLHYIYAFDNVAFPYGEK.S	26
PHEAT+6297	proteomics_heat	4163967	4164005	+	3	2	K.LHGEDVSLDALKR.I	17
PHEAT+6298	proteomics_heat	4170776	4170805	+	2	2	K.NPVVSAETAK.A	14
PHEAT+6299	proteomics_heat	4170905	4170937	+	2	3	K.GMQIGGAHVHR.Q	15
PHEAT+6300	proteomics_heat	4171846	4171896	+	1	2	R.AALELFEQEGLAPYLSR.W	21
PHEAT+6301	proteomics_heat	4171918	4171986	+	1	2	F.INRPVKLIIGDKEIFGISRGIDK.Q	27
PHEAT+6302	proteomics_heat	4174009	4174041	+	1	2	N.VGTIGHVDHGK.T	15
PHEAT+6303	proteomics_heat	4174009	4174041	+	1	2	N.VGTIGHVDHGK.T	15
PHEAT+6304	proteomics_heat	4174042	4174080	+	1	243	K.TTLTAAITTVLAK.T	17

PHEAT+6305	proteomics_heat	4174042	4174080	+	1	243	K.TTLTAAITTVLAK.T	17
PHEAT+6306	proteomics_heat	4174102	4174137	+	1	22	R.AFDQIDNAPEEK.A	16
PHEAT+6307	proteomics_heat	4174102	4174137	+	1	22	R.AFDQIDNAPEEK.A	16
PHEAT+6308	proteomics_heat	4174102	4174146	+	1	3	R.AFDQIDNAPEEKARG.I	19
PHEAT+6309	proteomics_heat	4174102	4174146	+	1	3	R.AFDQIDNAPEEKARG.I	19
PHEAT+6310	proteomics_heat	4174108	4174137	+	1	2	F.DQIDNAPEEK.A	14
PHEAT+6311	proteomics_heat	4174108	4174137	+	1	2	F.DQIDNAPEEK.A	14
PHEAT+6312	proteomics_heat	4174141	4174191	+	1	2	A.RGITINTSHVEYDTPTR.H	21
PHEAT+6313	proteomics_heat	4174141	4174191	+	1	2	A.RGITINTSHVEYDTPTR.H	21
PHEAT+6314	proteomics_heat	4174144	4174191	+	1	112	R.GITINTSHVEYDTPTR.H	20
PHEAT+6315	proteomics_heat	4174144	4174191	+	1	112	R.GITINTSHVEYDTPTR.H	20
PHEAT+6316	proteomics_heat	4174144	4174179	+	1	2	R.GITINTSHVEYD.T	16
PHEAT+6317	proteomics_heat	4174144	4174179	+	1	2	R.GITINTSHVEYD.T	16
PHEAT+6318	proteomics_heat	4174144	4174194	+	1	4	R.GITINTSHVEYDTPTRH.Y	21
PHEAT+6319	proteomics_heat	4174144	4174194	+	1	4	R.GITINTSHVEYDTPTRH.Y	21
PHEAT+6320	proteomics_heat	4174150	4174191	+	1	3	I.TINTSHVEYDTPTR.H	18
PHEAT+6321	proteomics_heat	4174150	4174191	+	1	3	I.TINTSHVEYDTPTR.H	18
PHEAT+6322	proteomics_heat	4174156	4174191	+	1	3	I.NTSHVEYDTPTR.H	16
PHEAT+6323	proteomics_heat	4174156	4174191	+	1	3	I.NTSHVEYDTPTR.H	16
PHEAT+6324	proteomics_heat	4174159	4174191	+	1	9	N.TSHVEYDTPTR.H	15
PHEAT+6325	proteomics_heat	4174159	4174191	+	1	9	N.TSHVEYDTPTR.H	15
PHEAT+6326	proteomics_heat	4174192	4174236	+	1	23	R.HYAHVDCPGHADYVK.N	19
PHEAT+6327	proteomics_heat	4174192	4174236	+	1	23	R.HYAHVDCPGHADYVK.N	19
PHEAT+6328	proteomics_heat	4174192	4174227	+	1	2	R.HYAHVDCPGHAD.Y	16
PHEAT+6329	proteomics_heat	4174192	4174227	+	1	2	R.HYAHVDCPGHAD.Y	16
PHEAT+6330	proteomics_heat	4174195	4174236	+	1	4	H.YAHVDCPGHADYVK.N	18
PHEAT+6331	proteomics_heat	4174195	4174236	+	1	4	H.YAHVDCPGHADYVK.N	18
PHEAT+6332	proteomics_heat	4174198	4174236	+	1	2	Y.AHVDCPGHADYVK.N	17
PHEAT+6333	proteomics_heat	4174198	4174236	+	1	2	Y.AHVDCPGHADYVK.N	17
PHEAT+6334	proteomics_heat	4174204	4174236	+	1	2	H.VDCPGHADYVK.N	15
PHEAT+6335	proteomics_heat	4174204	4174236	+	1	2	H.VDCPGHADYVK.N	15
PHEAT+6336	proteomics_heat	4174213	4174236	+	1	2	C.PGHADYVK.N	12
PHEAT+6337	proteomics_heat	4174213	4174236	+	1	2	C.PGHADYVK.N	12
PHEAT+6338	proteomics_heat	4174237	4174317	+	1	2045	K.NMITGAAQMDGAILVVAATDGMPMQTR.E	31
PHEAT+6339	proteomics_heat	4174237	4174317	+	1	2045	K.NMITGAAQMDGAILVVAATDGMPMQTR.E	31
PHEAT+6340	proteomics_heat	4174318	4174338	+	1	22	R.EHILLGR.Q	11
PHEAT+6341	proteomics_heat	4174318	4174338	+	1	22	R.EHILLGR.Q	11
PHEAT+6342	proteomics_heat	4174336	4174377	+	1	7	G.RQVGVPYIIVFLNK.C	18
PHEAT+6343	proteomics_heat	4174336	4174377	+	1	7	G.RQVGVPYIIVFLNK.C	18
PHEAT+6344	proteomics_heat	4174339	4174377	+	1	111	R.QVGVPYIIVFLNK.C	17
PHEAT+6345	proteomics_heat	4174339	4174377	+	1	111	R.QVGVPYIIVFLNK.C	17
PHEAT+6346	proteomics_heat	4174378	4174431	+	1	27	K.CDMVDDEELLELVEMEVR.E	22
PHEAT+6347	proteomics_heat	4174378	4174431	+	1	27	K.CDMVDDEELLELVEMEVR.E	22
PHEAT+6348	proteomics_heat	4174408	4174482	+	1	2	L.ELVEMEVRRELLSQYDFPGDDTPIVR.G	29
PHEAT+6349	proteomics_heat	4174408	4174482	+	1	2	L.ELVEMEVRRELLSQYDFPGDDTPIVR.G	29
PHEAT+6350	proteomics_heat	4174432	4174482	+	1	184	R.ELLSQYDFPGDDTPIVR.G	21

PHEAT+6351	proteomics_heat	4174432	4174482	+	1	184	R.ELLSQYDFPGDDTPIVR.G	21
PHEAT+6352	proteomics_heat	4174450	4174482	+	1	2	Y.DFPGDDTPIVR.G	15
PHEAT+6353	proteomics_heat	4174450	4174482	+	1	2	Y.DFPGDDTPIVR.G	15
PHEAT+6354	proteomics_heat	4174456	4174482	+	1	3	F.PGDDTPIVR.G	13
PHEAT+6355	proteomics_heat	4174456	4174482	+	1	3	F.PGDDTPIVR.G	13
PHEAT+6356	proteomics_heat	4174483	4174530	+	1	2	R.GSALKALEGDAEWEAK.I	20
PHEAT+6357	proteomics_heat	4174483	4174530	+	1	2	R.GSALKALEGDAEWEAK.I	20
PHEAT+6358	proteomics_heat	4174498	4174530	+	1	35	K.ALEGDAEWEAK.I	15
PHEAT+6359	proteomics_heat	4174498	4174530	+	1	35	K.ALEGDAEWEAK.I	15
PHEAT+6360	proteomics_heat	4174528	4174581	+	1	5	A.KILELAGFLDSYIPEPER.A	22
PHEAT+6361	proteomics_heat	4174528	4174581	+	1	5	A.KILELAGFLDSYIPEPER.A	22
PHEAT+6362	proteomics_heat	4174531	4174581	+	1	745	K.ILELAGFLDSYIPEPER.A	21
PHEAT+6363	proteomics_heat	4174531	4174581	+	1	745	K.ILELAGFLDSYIPEPER.A	21
PHEAT+6364	proteomics_heat	4174540	4174581	+	1	2	E.LAGFLDSYIPEPER.A	18
PHEAT+6365	proteomics_heat	4174540	4174581	+	1	2	E.LAGFLDSYIPEPER.A	18
PHEAT+6366	proteomics_heat	4174543	4174581	+	1	3	L.AGFLDSYIPEPER.A	17
PHEAT+6367	proteomics_heat	4174543	4174581	+	1	3	L.AGFLDSYIPEPER.A	17
PHEAT+6368	proteomics_heat	4174546	4174581	+	1	3	A.GFLDSYIPEPER.A	16
PHEAT+6369	proteomics_heat	4174546	4174581	+	1	3	A.GFLDSYIPEPER.A	16
PHEAT+6370	proteomics_heat	4174579	4174638	+	1	4	E.RAIDKPFLLPIDVFSISGR.G	24
PHEAT+6371	proteomics_heat	4174579	4174638	+	1	4	E.RAIDKPFLLPIDVFSISGR.G	24
PHEAT+6372	proteomics_heat	4174582	4174638	+	1	267	R.AIDKPFLLPIDVFSISGR.G	23
PHEAT+6373	proteomics_heat	4174582	4174638	+	1	267	R.AIDKPFLLPIDVFSISGR.G	23
PHEAT+6374	proteomics_heat	4174591	4174638	+	1	3	D.KPFLLPIDVFSISGR.G	20
PHEAT+6375	proteomics_heat	4174591	4174638	+	1	3	D.KPFLLPIDVFSISGR.G	20
PHEAT+6376	proteomics_heat	4174594	4174638	+	1	16	K.PFLLPIDVFSISGR.G	19
PHEAT+6377	proteomics_heat	4174594	4174638	+	1	16	K.PFLLPIDVFSISGR.G	19
PHEAT+6378	proteomics_heat	4174600	4174638	+	1	3	F.LLPIDVFSISGR.G	17
PHEAT+6379	proteomics_heat	4174600	4174638	+	1	3	F.LLPIDVFSISGR.G	17
PHEAT+6380	proteomics_heat	4174681	4174713	+	1	96	K.VGEEVEIVGIK.E	15
PHEAT+6381	proteomics_heat	4174681	4174713	+	1	96	K.VGEEVEIVGIK.E	15
PHEAT+6382	proteomics_heat	4174681	4174725	+	1	47	K.VGEEVEIVGIKETQK.S	19
PHEAT+6383	proteomics_heat	4174681	4174725	+	1	47	K.VGEEVEIVGIKETQK.S	19
PHEAT+6384	proteomics_heat	4174723	4174755	+	1	18	Q.KSTCTGVEMFR.K	15
PHEAT+6385	proteomics_heat	4174723	4174755	+	1	18	Q.KSTCTGVEMFR.K	15
PHEAT+6386	proteomics_heat	4174726	4174755	+	1	29	K.STCTGVEMFR.K	14
PHEAT+6387	proteomics_heat	4174726	4174755	+	1	29	K.STCTGVEMFR.K	14
PHEAT+6388	proteomics_heat	4174726	4174758	+	1	12	K.STCTGVEMFRK.L	15
PHEAT+6389	proteomics_heat	4174726	4174758	+	1	12	K.STCTGVEMFRK.L	15
PHEAT+6390	proteomics_heat	4174756	4174776	+	1	7	R.KLLDEGR.A	11
PHEAT+6391	proteomics_heat	4174756	4174776	+	1	7	R.KLLDEGR.A	11
PHEAT+6392	proteomics_heat	4174774	4174806	+	1	3	G.RAGENVGVLLR.G	15
PHEAT+6393	proteomics_heat	4174774	4174806	+	1	3	G.RAGENVGVLLR.G	15
PHEAT+6394	proteomics_heat	4174777	4174806	+	1	73	R.AGENVGVLLR.G	14
PHEAT+6395	proteomics_heat	4174777	4174806	+	1	73	R.AGENVGVLLR.G	14
PHEAT+6396	proteomics_heat	4174834	4174872	+	1	7	R.GQVLAKPGTIKPH.T	17

PHEAT+6397	proteomics_heat	4174834	4174872	+	1	7	R.GQVLAKPGTIKPH.T	17
PHEAT+6398	proteomics_heat	4174834	4174866	+	1	5	R.GQVLAKPGTIK.P	15
PHEAT+6399	proteomics_heat	4174834	4174866	+	1	5	R.GQVLAKPGTIK.P	15
PHEAT+6400	proteomics_heat	4174873	4174908	+	1	29	H.TKFESEVYILSK.D	16
PHEAT+6401	proteomics_heat	4174873	4174908	+	1	29	H.TKFESEVYILSK.D	16
PHEAT+6402	proteomics_heat	4174873	4174923	+	1	10	H.TKFESEVYILSKDEGGR.H	21
PHEAT+6403	proteomics_heat	4174873	4174923	+	1	10	H.TKFESEVYILSKDEGGR.H	21
PHEAT+6404	proteomics_heat	4174879	4174908	+	1	151	K.FESEVYILSK.D	14
PHEAT+6405	proteomics_heat	4174879	4174908	+	1	151	K.FESEVYILSK.D	14
PHEAT+6406	proteomics_heat	4174879	4174923	+	1	58	K.FESEVYILSKDEGGR.H	19
PHEAT+6407	proteomics_heat	4174879	4174923	+	1	58	K.FESEVYILSKDEGGR.H	19
PHEAT+6408	proteomics_heat	4174897	4174923	+	1	3	Y.ILSKDEGGR.H	13
PHEAT+6409	proteomics_heat	4174897	4174923	+	1	3	Y.ILSKDEGGR.H	13
PHEAT+6410	proteomics_heat	4174942	4174968	+	1	8	K.GYRPQFYFR.T	13
PHEAT+6411	proteomics_heat	4174942	4174968	+	1	8	K.GYRPQFYFR.T	13
PHEAT+6412	proteomics_heat	4174948	4174968	+	1	2	Y.RPQFYFR.T	11
PHEAT+6413	proteomics_heat	4174948	4174968	+	1	2	Y.RPQFYFR.T	11
PHEAT+6414	proteomics_heat	4174969	4175040	+	1	109	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PHEAT+6415	proteomics_heat	4174969	4175040	+	1	109	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PHEAT+6416	proteomics_heat	4174975	4175040	+	1	3	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PHEAT+6417	proteomics_heat	4174975	4175040	+	1	3	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PHEAT+6418	proteomics_heat	4174999	4175040	+	1	4	L.PEGVEMVMPGDNIK.M	18
PHEAT+6419	proteomics_heat	4174999	4175040	+	1	4	L.PEGVEMVMPGDNIK.M	18
PHEAT+6420	proteomics_heat	4175038	4175088	+	1	4	I.KMVVTLIHPIAMDDGLR.F	21
PHEAT+6421	proteomics_heat	4175038	4175088	+	1	4	I.KMVVTLIHPIAMDDGLR.F	21
PHEAT+6422	proteomics_heat	4175041	4175088	+	1	182	K.MVVTLIHPIAMDDGLR.F	20
PHEAT+6423	proteomics_heat	4175041	4175088	+	1	182	K.MVVTLIHPIAMDDGLR.F	20
PHEAT+6424	proteomics_heat	4175041	4175073	+	1	15	K.MVVTLIHPIAM.D	15
PHEAT+6425	proteomics_heat	4175041	4175073	+	1	15	K.MVVTLIHPIAM.D	15
PHEAT+6426	proteomics_heat	4175041	4175076	+	1	2	K.MVVTLIHPIAMD.D	16
PHEAT+6427	proteomics_heat	4175041	4175076	+	1	2	K.MVVTLIHPIAMD.D	16
PHEAT+6428	proteomics_heat	4175041	4175070	+	1	3	K.MVVTLIHPIA.M	14
PHEAT+6429	proteomics_heat	4175041	4175070	+	1	3	K.MVVTLIHPIA.M	14
PHEAT+6430	proteomics_heat	4175050	4175088	+	1	4	V.TLIHPIAMDDGLR.F	17
PHEAT+6431	proteomics_heat	4175050	4175088	+	1	4	V.TLIHPIAMDDGLR.F	17
PHEAT+6432	proteomics_heat	4175053	4175088	+	1	4	T.LIHPIAMDDGLR.F	16
PHEAT+6433	proteomics_heat	4175053	4175088	+	1	4	T.LIHPIAMDDGLR.F	16
PHEAT+6434	proteomics_heat	4175056	4175088	+	1	2	L.IHPIAMDDGLR.F	15
PHEAT+6435	proteomics_heat	4175056	4175088	+	1	2	L.IHPIAMDDGLR.F	15
PHEAT+6436	proteomics_heat	4175684	4175731	+	2	2	T.AVMSLILWGLDGILVR.L	20
PHEAT+6437	proteomics_heat	4175790	4175828	+	3	4	R.WYVVQAFSGFEGR.V	17
PHEAT+6438	proteomics_heat	4175859	4175924	+	3	10	K.LHNMEDLFGSEVMVPTTEEVVEIR.G	26
PHEAT+6439	proteomics_heat	4176030	4176107	+	3	8	R.VMGFIGGTSDRPAPISDKEVDAIMNR.L	30
PHEAT+6440	proteomics_heat	4176039	4176107	+	3	2	G.FIGGTSDRPAPISDKEVDAIMNR.L	27
PHEAT+6441	proteomics_heat	4176108	4176140	+	3	3	R.LQQVGDKPRPK.T	15
PHEAT+6442	proteomics_heat	4176108	4176134	+	3	6	R.LQQVGDKPR.P	13

PHEAT+6443	proteomics_heat	4176141	4176170	+	3	2	K.TLFEPGEMVR.V	14
PHEAT+6444	proteomics_heat	4176171	4176230	+	3	5	R.VNDGPFADFNQVVEVDYK.S	24
PHEAT+6445	proteomics_heat	4176267	4176308	+	3	7	R.ATPVELDFSQVEKA.-	18
PHEAT+6446	proteomics_heat	4176267	4176305	+	3	2	R.ATPVELDFSQVEK.A	17
PHEAT+6447	proteomics_heat	4176623	4176664	+	2	48	K.GLPVITVYADR.S	18
PHEAT+6448	proteomics_heat	4176686	4176715	+	2	4	K.TPPAAVLLK.A	14
PHEAT+6449	proteomics_heat	4176686	4176712	+	2	4	K.TPPAAVLLK.K	13
PHEAT+6450	proteomics_heat	4176779	4176808	+	2	21	R.AQLQEIAQTK.A	14
PHEAT+6451	proteomics_heat	4176809	4176850	+	2	29	K.AADMTGADIEAMTR.S	18
PHEAT+6452	proteomics_heat	4176959	4176994	+	2	15	K.QYDINEAIALLK.E	16
PHEAT+6453	proteomics_heat	4177013	4177060	+	2	245	K.FVESVDVAVNLGIDAR.K	20
PHEAT+6454	proteomics_heat	4177082	4177114	+	2	4	R.GATVLPHGTR.S	15
PHEAT+6455	proteomics_heat	4177124	4177165	+	2	21	R.VAVFTQGANAEEAAK.A	18
PHEAT+6456	proteomics_heat	4177166	4177216	+	2	73	K.AAGAELVGMEDLADQIK.K	21
PHEAT+6457	proteomics_heat	4177166	4177219	+	2	4	K.AAGAELVGMEDLADQIKK.G	22
PHEAT+6458	proteomics_heat	4177217	4177267	+	2	59	K.KGEMNFDVVIASPDAMR.V	21
PHEAT+6459	proteomics_heat	4177220	4177267	+	2	8	K.GEMNFDVVIASPDAMR.V	20
PHEAT+6460	proteomics_heat	4177268	4177303	+	2	23	R.VVQQLGQVLGPR.G	16
PHEAT+6461	proteomics_heat	4177325	4177363	+	2	4	K.VGTVTPNVAEAVK.N	17
PHEAT+6462	proteomics_heat	4177394	4177432	+	2	2	R.NDKNGIIHTTIGK.V	17
PHEAT+6463	proteomics_heat	4177403	4177432	+	2	32	K.NGIIHTTIGK.V	14
PHEAT+6464	proteomics_heat	4177430	4177492	+	2	8	G.KVDFDADKLENLEALLVALK.K	25
PHEAT+6465	proteomics_heat	4177433	4177492	+	2	69	K.VDFDADKLENLEALLVALK.K	24
PHEAT+6466	proteomics_heat	4177433	4177495	+	2	42	K.VDFDADKLENLEALLVALKK.A	25
PHEAT+6467	proteomics_heat	4177433	4177459	+	2	7	K.VDFDADKLE	13
PHEAT+6468	proteomics_heat	4177454	4177495	+	2	12	K.LKENLEALLVALKK.A	18
PHEAT+6469	proteomics_heat	4177454	4177492	+	2	14	K.LKENLEALLVALK.K	17
PHEAT+6470	proteomics_heat	4177460	4177492	+	2	6	K.ENLEALLVALK.K	15
PHEAT+6471	proteomics_heat	4177460	4177495	+	2	4	K.ENLEALLVALKK.A	16
PHEAT+6472	proteomics_heat	4177532	4177603	+	2	142	K.KVSISTTMGAGVAVDQAGLSASVN.-	28
PHEAT+6473	proteomics_heat	4178043	4178078	+	3	17	K.QAIVAEVSEVAK.G	16
PHEAT+6474	proteomics_heat	4178079	4178111	+	3	39	K.GALSAVAVDSR.G	15
PHEAT+6475	proteomics_heat	4178202	4178300	+	3	9	R.RAVEGTPFECLKDAFVGPTLIAYSMEHPGAAAR.L	37
PHEAT+6476	proteomics_heat	4178202	4178237	+	3	18	R.RAVEGTPFECLK.D	16
PHEAT+6477	proteomics_heat	4178202	4178270	+	3	2	R.RAVEGTPFECLKDAFVGPTLIAY.S	27
PHEAT+6478	proteomics_heat	4178205	4178300	+	3	11	R.AVEGTPFECLKDAFVGPTLIAYSMEHPGAAAR.L	36
PHEAT+6479	proteomics_heat	4178205	4178237	+	3	10	R.AVEGTPFECLK.D	15
PHEAT+6480	proteomics_heat	4178205	4178270	+	3	5	R.AVEGTPFECLKDAFVGPTLIAY.S	26
PHEAT+6481	proteomics_heat	4178238	4178300	+	3	22	K.DAFVGPTLIAYSMEHPGAAAR.L	25
PHEAT+6482	proteomics_heat	4178250	4178300	+	3	2	V.GPTLIAYSMEHPGAAAR.L	21
PHEAT+6483	proteomics_heat	4178271	4178300	+	3	14	Y.SMEHPGAAAR.L	14
PHEAT+6484	proteomics_heat	4178346	4178393	+	3	17	K.AAAFEGELIPASQIDR.L	20
PHEAT+6485	proteomics_heat	4178391	4178432	+	3	2	D.RLATLPTYEEAIAR.L	18
PHEAT+6486	proteomics_heat	4178394	4178432	+	3	11	R.LATLPTYEEAIAR.L	17
PHEAT+6487	proteomics_heat	4178628	4178672	+	3	8	M.SVMDVVELISAMEEK.F	19
PHEAT+6488	proteomics_heat	4178673	4178762	+	3	1577	K.FGVSAAA AVAAGPVEAAEEKTEFDVILK.A	34

PHEAT+6489	proteomics_heat	4178673	4178738	+	3	157	K.FGVSAAA AVAAGPVEAAEEK.T	26
PHEAT+6490	proteomics_heat	4178703	4178762	+	3	22	A.VAAGPVEAAEEKTEFDVILK.A	24
PHEAT+6491	proteomics_heat	4178709	4178762	+	3	8	A.AGPVEAAEEKTEFDVILK.A	22
PHEAT+6492	proteomics_heat	4178712	4178762	+	3	47	A.GPVEAAEEKTEFDVILK.A	21
PHEAT+6493	proteomics_heat	4178739	4178762	+	3	3	K.TEFDVILK.A	12
PHEAT+6494	proteomics_heat	4178805	4178828	+	3	3	R.GATGLGLK.E	12
PHEAT+6495	proteomics_heat	4178829	4178870	+	3	3	K.EAKDLVESAPAALK.E	18
PHEAT+6496	proteomics_heat	4178838	4178909	+	3	16	K.DLVESAPAALKEGVSKDDAEALKK.A	28
PHEAT+6497	proteomics_heat	4178838	4178870	+	3	21	K.DLVESAPAALK.E	15
PHEAT+6498	proteomics_heat	4178838	4178885	+	3	2	K.DLVESAPAALKEGVSK.D	20
PHEAT+6499	proteomics_heat	4178871	4178909	+	3	39	K.EGVSKDDAEALKK.A	17
PHEAT+6500	proteomics_heat	4178871	4178906	+	3	6	K.EGVSKDDAEALK.K	16
PHEAT+6501	proteomics_heat	4178907	4178945	+	3	8	K.KALEEAGAEVEVK.-	17
PHEAT+6502	proteomics_heat	4178910	4178945	+	3	79	K.ALEEAGAEVEVK.-	16
PHEAT+6503	proteomics_heat	4179307	4179378	+	1	3	K.DFGKRPQVLDVPYLLSIQLDSFQK.F	28
PHEAT+6504	proteomics_heat	4179319	4179378	+	1	53	K.RPQVLDVPYLLSIQLDSFQK.F	24
PHEAT+6505	proteomics_heat	4179379	4179429	+	1	11	K.FIEQDPEGQYGLEAAFR.S	21
PHEAT+6506	proteomics_heat	4179430	4179489	+	1	7	R.SVFPIQSYSGNSELQVYSYR.L	24
PHEAT+6507	proteomics_heat	4179490	4179531	+	1	6	R.LGEPVFDVQECQIR.G	18
PHEAT+6508	proteomics_heat	4179532	4179558	+	1	3	R.GVTSAPLR.V	13
PHEAT+6509	proteomics_heat	4179613	4179696	+	1	7	K.DIKEQEVYMGEIPLMTDNGTFVINGTER.V	32
PHEAT+6510	proteomics_heat	4179622	4179696	+	1	7	K.EQEVYMGEIPLMTDNGTFVINGTER.V	29
PHEAT+6511	proteomics_heat	4179721	4179756	+	1	10	R.SPGVFFDSDKGK.T	16
PHEAT+6512	proteomics_heat	4179721	4179750	+	1	2	R.SPGVFFDSDK.G	14
PHEAT+6513	proteomics_heat	4179808	4179840	+	1	5	R.GSWLDFEFDPK.D	15
PHEAT+6514	proteomics_heat	4179808	4179858	+	1	3	R.GSWLDFEFDPKDNLFVR.I	21
PHEAT+6515	proteomics_heat	4179901	4179948	+	1	116	R.ALNYTTEQILDLFEEK.V	20
PHEAT+6516	proteomics_heat	4180003	4180047	+	1	19	R.LRGETASFDIEANGK.V	19
PHEAT+6517	proteomics_heat	4180117	4180152	+	1	3	K.LIEVPVEYIAGK.V	16
PHEAT+6518	proteomics_heat	4180165	4180239	+	1	30	K.DYIDESTGELICANMELSLDLLAK.L	29
PHEAT+6519	proteomics_heat	4180261	4180323	+	1	13	K.RIETLFTNDLDHGPIYSETLR.V	25
PHEAT+6520	proteomics_heat	4180264	4180323	+	1	6	R.IETLFTNDLDHGPIYSETLR.V	24
PHEAT+6521	proteomics_heat	4180345	4180371	+	1	5	R.LSALVEIYR.M	13
PHEAT+6522	proteomics_heat	4180402	4180449	+	1	9	R.EAAESLFENLFFSEDR.Y	20
PHEAT+6523	proteomics_heat	4180450	4180473	+	1	2	R.YDLSAVGR.M	12
PHEAT+6524	proteomics_heat	4180489	4180560	+	1	9	R.SLLREEIEGSGILSKDDIIDVMKK.L	28
PHEAT+6525	proteomics_heat	4180489	4180557	+	1	16	R.SLLREEIEGSGILSKDDIIDVMK.K	27
PHEAT+6526	proteomics_heat	4180489	4180533	+	1	8	R.SLLREEIEGSGILSK.D	19
PHEAT+6527	proteomics_heat	4180501	4180557	+	1	2	R.EEIEGSGILSKDDIIDVMK.K	23
PHEAT+6528	proteomics_heat	4180534	4180557	+	1	2	K.DDIIDVMK.K	12
PHEAT+6529	proteomics_heat	4180576	4180620	+	1	6	R.NGKGEVDDIDHLGNR.R	19
PHEAT+6530	proteomics_heat	4180585	4180620	+	1	2	K.GEVDDIDHLGNR.R	16
PHEAT+6531	proteomics_heat	4180630	4180662	+	1	7	R.SVGEMAENQFR.V	15
PHEAT+6532	proteomics_heat	4180696	4180776	+	1	2	K.ERLSGLDLDLMPQDMINAKPISAAVK.E	31
PHEAT+6533	proteomics_heat	4180702	4180776	+	1	17	R.LSLGLDLDLMPQDMINAKPISAAVK.E	29
PHEAT+6534	proteomics_heat	4180702	4180755	+	1	3	R.LSLGLDLDLMPQDMINAK.P	22

PHEAT+6535	proteomics_heat	4180777	4180848	+	1	11	K.EFFGSSQLSQFMDQNNPLSEITHK.R	28
PHEAT+6536	proteomics_heat	4180777	4180851	+	1	3	K.EFFGSSQLSQFMDQNNPLSEITHKR.R	29
PHEAT+6537	proteomics_heat	4180855	4180887	+	1	6	R.ISALGPGGLTR.E	15
PHEAT+6538	proteomics_heat	4180912	4180938	+	1	2	R.DVHPHYGR.V	13
PHEAT+6539	proteomics_heat	4180939	4181043	+	1	4	R.VCPIETPEGPNIGLINSLSVYAQTNEYGFLETPYR.K	39
PHEAT+6540	proteomics_heat	4180939	4181046	+	1	3	R.VCPIETPEGPNIGLINSLSVYAQTNEYGFLETPYRK.V	40
PHEAT+6541	proteomics_heat	4181047	4181178	+	1	3	K.VTDGVVTDEIHYLSAIEEGNYVIAQANSNLDEEGHFVEDLVTCR.S	48
PHEAT+6542	proteomics_heat	4181179	4181208	+	1	2	R.SKGESLSFSR.D	14
PHEAT+6543	proteomics_heat	4181209	4181301	+	1	21	R.DQVDYMDVSTQQVSVGASLIPFLEHDDANR.A	35
PHEAT+6544	proteomics_heat	4181350	4181385	+	1	8	R.ADKPLVGTGMER.A	16
PHEAT+6545	proteomics_heat	4181386	4181424	+	1	5	R.AVAVDSGVTAVAK.R	17
PHEAT+6546	proteomics_heat	4181425	4181460	+	1	9	K.RGGVVQYVDASR.I	16
PHEAT+6547	proteomics_heat	4181428	4181460	+	1	5	R.GGVVQYVDASR.I	15
PHEAT+6548	proteomics_heat	4181473	4181532	+	1	5	K.VNEDEMYPGEAGIDIYNLTK.Y	24
PHEAT+6549	proteomics_heat	4181542	4181604	+	1	4	R.SNQNTCINQMPCVSLGEPVER.G	25
PHEAT+6550	proteomics_heat	4181605	4181670	+	1	2	R.GDVLADGPSTDLGELALGQNMV.V	26
PHEAT+6551	proteomics_heat	4181638	4181730	+	1	2	D.LGELALGQNMVAFMPWNGYNFEDSILVSR.V	35
PHEAT+6552	proteomics_heat	4181671	4181730	+	1	23	R.VAFMPWNGYNFEDSILVSR.V	24
PHEAT+6553	proteomics_heat	4181707	4181730	+	1	2	E.DSILVSR.V	12
PHEAT+6554	proteomics_heat	4181749	4181790	+	1	35	R.FTTIHIQELACVSR.D	18
PHEAT+6555	proteomics_heat	4181800	4181859	+	1	15	K.LGPPEITADIPNVGEAALSK.L	24
PHEAT+6556	proteomics_heat	4181938	4181967	+	1	4	K.GETQLTPEEK.L	14
PHEAT+6557	proteomics_heat	4182025	4182075	+	1	29	R.VPNGVSGTVIDVQVFTR.D	21
PHEAT+6558	proteomics_heat	4182100	4182129	+	1	5	R.ALEIEEMQLK.Q	14
PHEAT+6559	proteomics_heat	4182139	4182189	+	1	35	K.KDLSEELQILEAGLFSR.I	21
PHEAT+6560	proteomics_heat	4182142	4182189	+	1	33	K.DLSEELQILEAGLFSR.I	20
PHEAT+6561	proteomics_heat	4182196	4182249	+	1	5	R.AVLVAGGVEAEKLDKLP.D	22
PHEAT+6562	proteomics_heat	4182196	4182240	+	1	9	R.AVLVAGGVEAEKLDK.L	19
PHEAT+6563	proteomics_heat	4182196	4182231	+	1	4	R.AVLVAGGVEAEK.L	16
PHEAT+6564	proteomics_heat	4182250	4182288	+	1	2	R.DRWLELGLTDEEK.Q	17
PHEAT+6565	proteomics_heat	4182289	4182348	+	1	5	K.QNQLEQLAEQYDELKHEFEK.K	24
PHEAT+6566	proteomics_heat	4182370	4182411	+	1	5	R.KITQGDDLAPGVLK.I	18
PHEAT+6567	proteomics_heat	4182373	4182411	+	1	3	K.ITQGDDLAPGVLK.I	17
PHEAT+6568	proteomics_heat	4182502	4182585	+	1	18	K.INPIEDMPYDENGTPVDIVLNPLGVPSR.M	32
PHEAT+6569	proteomics_heat	4182586	4182633	+	1	20	R.MNIGQIILETHLGMAAK.G	20
PHEAT+6570	proteomics_heat	4182634	4182666	+	1	2	K.GIGDKINAMLK.Q	15
PHEAT+6571	proteomics_heat	4182709	4182735	+	1	3	R.AYDLGADV.R.Q	13
PHEAT+6572	proteomics_heat	4182736	4182780	+	1	10	R.QKVDLSTFSDEEVMR.L	19
PHEAT+6573	proteomics_heat	4182742	4182780	+	1	3	K.VDLSTFSDEEVMR.L	17
PHEAT+6574	proteomics_heat	4182802	4182840	+	1	2	K.GMPIATPVFDGAK.E	17
PHEAT+6575	proteomics_heat	4182841	4182867	+	1	2	K.EAEIKELLK.L	13
PHEAT+6576	proteomics_heat	4182868	4182900	+	1	2	K.LGDLPTSGQIR.L	15
PHEAT+6577	proteomics_heat	4182916	4182969	+	1	11	R.TGEQFERPVTGYMYMLK.L	22
PHEAT+6578	proteomics_heat	4182970	4182993	+	1	10	K.LNHLVDDK.M	12
PHEAT+6579	proteomics_heat	4183006	4183053	+	1	8	R.STGSYSLVTQQPLGGK.A	20
PHEAT+6580	proteomics_heat	4183186	4183251	+	1	10	K.NIVDGNHQMEPGMPESFNVLK.E	26



PHEAT+6581	proteomics_heat	4183412	4183435	+	2	2	K.TEEFDAIK.I	12
PHEAT+6582	proteomics_heat	4183436	4183465	+	2	3	K.IALASPDMIR.S	14
PHEAT+6583	proteomics_heat	4183490	4183513	+	2	3	K.KPETINYR.T	12
PHEAT+6584	proteomics_heat	4183532	4183552	+	2	2	R.DGLFCAR.I	11
PHEAT+6585	proteomics_heat	4183553	4183594	+	2	4	R.IFGPVKDYECLCGK.Y	18
PHEAT+6586	proteomics_heat	4183571	4183594	+	2	4	K.DYECLCGK.Y	12
PHEAT+6587	proteomics_heat	4183634	4183660	+	2	5	K.CGVEVTQTK.V	13
PHEAT+6588	proteomics_heat	4183676	4183726	+	2	19	R.MGHIELASPTAHIWFLK.S	21
PHEAT+6589	proteomics_heat	4183742	4183783	+	2	2	R.IGLLDMPLRDIER.V	18
PHEAT+6590	proteomics_heat	4183742	4183771	+	2	2	R.IGLLDMPLR.D	14
PHEAT+6591	proteomics_heat	4183841	4183909	+	2	10	R.QQILTEEQYLDALFEFGDEFDAK.M	27
PHEAT+6592	proteomics_heat	4183910	4183942	+	2	6	K.MGAEAIQALLK.S	15
PHEAT+6593	proteomics_heat	4183943	4184011	+	2	6	K.SMDLEQECEQLREELNETNSETK.R	27
PHEAT+6594	proteomics_heat	4183943	4184014	+	2	3	K.SMDLEQECEQLREELNETNSETKR.K	28
PHEAT+6595	proteomics_heat	4184039	4184083	+	2	2	K.LLEAFVQSGNKPEWM.I	19
PHEAT+6596	proteomics_heat	4184147	4184182	+	2	3	G.RFATSDLNDLYR.R	16
PHEAT+6597	proteomics_heat	4184150	4184182	+	2	4	R.FATSDLNDLYR.R	15
PHEAT+6598	proteomics_heat	4184213	4184251	+	2	3	K.RLLDLAAPDIIVR.N	17
PHEAT+6599	proteomics_heat	4184216	4184251	+	2	7	R.LLDLAAPDIIVR.N	16
PHEAT+6600	proteomics_heat	4184261	4184305	+	2	4	K.RMLQEAVDALLDNGR.R	19
PHEAT+6601	proteomics_heat	4184264	4184305	+	2	3	R.MLQEAVDALLDNGR.R	18
PHEAT+6602	proteomics_heat	4184408	4184428	+	2	10	K.RVDYSGR.S	11
PHEAT+6603	proteomics_heat	4184429	4184458	+	2	2	R.SVITVGPYLR.L	14
PHEAT+6604	proteomics_heat	4184459	4184482	+	2	3	R.LHQCGLPK.K	12
PHEAT+6605	proteomics_heat	4184483	4184524	+	2	2	K.KMALELFKPFYIGK.L	18
PHEAT+6606	proteomics_heat	4184486	4184524	+	2	7	K.MALELFKPFYIGK.L	17
PHEAT+6607	proteomics_heat	4184582	4184623	+	2	22	R.EEAVVWDILDEVIR.E	18
PHEAT+6608	proteomics_heat	4184624	4184647	+	2	7	R.EHPVLLNR.A	12
PHEAT+6609	proteomics_heat	4184666	4184707	+	2	7	R.LGIQAFEPVliegk.A	18
PHEAT+6610	proteomics_heat	4184735	4184815	+	2	2	C.AAYNADFDGDQMAVHVPLTLEAQLEAR.A	31
PHEAT+6611	proteomics_heat	4184816	4184917	+	2	18	R.ALMMSTNNILSPANGEPiivpsQDVVLGLYmtr.D	38
PHEAT+6612	proteomics_heat	4184837	4184917	+	2	2	N.NILSPANGEPiivpsQDVVLGLYmtr.D	31
PHEAT+6613	proteomics_heat	4184936	4184965	+	2	2	K.GEGMVLTPK.E	14
PHEAT+6614	proteomics_heat	4184987	4185013	+	2	2	R.SGLASLHAR.V	13
PHEAT+6615	proteomics_heat	4185026	4185070	+	2	4	R.ITEYEKDANGELVAK.T	19
PHEAT+6616	proteomics_heat	4185044	4185070	+	2	3	K.DANGELVAK.T	13
PHEAT+6617	proteomics_heat	4185071	4185100	+	2	8	K.TSLKDTTVGR.A	14
PHEAT+6618	proteomics_heat	4185101	4185127	+	2	2	R.AILWMIVPK.G	13
PHEAT+6619	proteomics_heat	4185128	4185169	+	2	4	K.GLPYSIVNqALGkK.A	18
PHEAT+6620	proteomics_heat	4185128	4185166	+	2	7	K.GLPYSIVNqALGk.K	17
PHEAT+6621	proteomics_heat	4185203	4185274	+	2	12	R.ILGLKPTVIFADQIMYtGFAYAAR.S	28
PHEAT+6622	proteomics_heat	4185275	4185322	+	2	7	R.SGASVGIDDMVIPEK.H	20
PHEAT+6623	proteomics_heat	4185275	4185319	+	2	5	R.SGASVGIDDMVIPEK.K	19
PHEAT+6624	proteomics_heat	4185320	4185406	+	2	25	K.KHEIISEAEAEVIEIQEQFQSGLVtAGER.Y	33
PHEAT+6625	proteomics_heat	4185323	4185406	+	2	41	K.HEIISEAEAEVIEIQEQFQSGLVtAGER.Y	32
PHEAT+6626	proteomics_heat	4185458	4185499	+	2	5	K.AMMDNLQTTETVINR.D	18

PHEAT+6627	proteomics_heat	4185458	4185517	+	2	2	K.AMMDNLQTETVINRDGQEEK.Q	24
PHEAT+6628	proteomics_heat	4185518	4185565	+	2	3	K.QVSFNSIYMMADSGAR.G	20
PHEAT+6629	proteomics_heat	4185605	4185664	+	2	12	R.GLMAKPDGSIETPITANFR.E	24
PHEAT+6630	proteomics_heat	4185665	4185712	+	2	30	R.EGLNLVQYFISTHGAR.K	20
PHEAT+6631	proteomics_heat	4185713	4185739	+	2	8	R.KGLADTALK.T	13
PHEAT+6632	proteomics_heat	4185740	4185766	+	2	4	K.TANSGYLTR.R	13
PHEAT+6633	proteomics_heat	4185899	4185952	+	2	12	R.VTAEDVLKPGTADILVPR.N	22
PHEAT+6634	proteomics_heat	4185953	4186015	+	2	12	R.NTLLHEQWCDLLEENSVDVAVK.V	25
PHEAT+6635	proteomics_heat	4186022	4186075	+	2	5	R.SVVSCDTDFGVCAHCYGR.D	22
PHEAT+6636	proteomics_heat	4186088	4186171	+	2	9	R.GHIINKGEAIGVIAAQSIGEPGTQLTMR.T	32
PHEAT+6637	proteomics_heat	4186106	4186171	+	2	3	K.GEAGVIAAQSIGEPGTQLTMR.T	26
PHEAT+6638	proteomics_heat	4186172	4186201	+	2	4	R.TFHIGGAASR.A	14
PHEAT+6639	proteomics_heat	4186202	4186231	+	2	11	R.AAAESSIQVK.N	14
PHEAT+6640	proteomics_heat	4186343	4186387	+	2	4	R.TKESYKVPYGAVLAK.G	19
PHEAT+6641	proteomics_heat	4186349	4186387	+	2	4	K.ESYKVPYGAVLAK.G	17
PHEAT+6642	proteomics_heat	4186388	4186441	+	2	3	K.GDGEQVAGGETVANWDPH.T	22
PHEAT+6643	proteomics_heat	4186388	4186480	+	2	14	K.GDGEQVAGGETVANWDPHTMPVITEVSGFVR.F	35
PHEAT+6644	proteomics_heat	4186481	4186516	+	2	2	R.FTDMIDGQTITR.Q	16
PHEAT+6645	proteomics_heat	4186490	4186573	+	2	2	D.MIDGQTITRQTDELTLGLSSLVVLDSAER.T	32
PHEAT+6646	proteomics_heat	4186517	4186573	+	2	13	R.QTDELTLGLSSLVVLDSAER.T	23
PHEAT+6647	proteomics_heat	4186610	4186684	+	2	12	K.IVDAQGNDVLIPTDMPAQYFLPGK.A	29
PHEAT+6648	proteomics_heat	4186685	4186741	+	2	34	K.AIVQLEDGVQISSGDTLAR.I	23
PHEAT+6649	proteomics_heat	4186793	4186816	+	2	3	R.VADLFEAR.R	12
PHEAT+6650	proteomics_heat	4186826	4186873	+	2	3	K.EPAILAEISGIVSFGK.E	20
PHEAT+6651	proteomics_heat	4186892	4186948	+	2	3	R.RLVITPVDGSDPYEEMIPK.W	23
PHEAT+6652	proteomics_heat	4186895	4186948	+	2	8	R.LVITPVDGSDPYEEMIPK.W	22
PHEAT+6653	proteomics_heat	4186925	4186948	+	2	2	D.PYEEMIPK.W	12
PHEAT+6654	proteomics_heat	4186955	4186981	+	2	3	R.QLNVFEGER.V	13
PHEAT+6655	proteomics_heat	4186982	4187038	+	2	4	R.VERGDVISDGPEAPHDILR.L	23
PHEAT+6656	proteomics_heat	4186991	4187038	+	2	5	R.GDVISDGPEAPHDILR.L	20
PHEAT+6657	proteomics_heat	4187066	4187098	+	2	5	R.YIVNEVQDVYR.L	15
PHEAT+6658	proteomics_heat	4187126	4187146	+	2	6	K.HIEVIVR.Q	11
PHEAT+6659	proteomics_heat	4187159	4187224	+	2	13	R.KATIVNAGSSDFLEGEQVEYSR.V	26
PHEAT+6660	proteomics_heat	4187162	4187224	+	2	5	K.ATIVNAGSSDFLEGEQVEYSR.V	25
PHEAT+6661	proteomics_heat	4187306	4187362	+	2	14	K.ASLATESFISAASFQETTR.V	23
PHEAT+6662	proteomics_heat	4187363	4187392	+	2	6	R.VLTEAAVAGK.R	14
PHEAT+6663	proteomics_heat	4187363	4187395	+	2	3	R.VLTEAAVAGKR.D	15
PHEAT+6664	proteomics_heat	4187408	4187437	+	2	6	R.GLKENVIVGR.L	14
PHEAT+6665	proteomics_heat	4187438	4187479	+	2	6	R.LIPAGTGYAYHQDR.M	18
PHEAT+6666	proteomics_heat	4187444	4187479	+	2	2	I.PAGTGYAYHQDR.M	16
PHEAT+6667	proteomics_heat	4187489	4187593	+	2	4	R.RAAGEAPAAPQVTAEDASASLAELLNAGLGGSDNE.-	39
PHEAT+6668	proteomics_heat	4195001	4195051	+	2	2	K.GELPYGEAANFDLVGQR.A	21
PHEAT+6669	proteomics_heat	4195052	4195108	+	2	2	R.ALQIGEWQGEVWLVVQQQR.R	23
PHEAT+6670	proteomics_heat	4195334	4195369	+	2	2	R.RDDSILLAQHTR.H	16
PHEAT+6671	proteomics_heat	4195376	4195444	+	2	7	R.NGVHTVLAGFVEVGETLEQAVAR.E	27
PHEAT+6672	proteomics_heat	4195739	4195762	+	2	2	K.MTELKNDR.Y	12

PHEAT+6673	proteomics_heat	4196057	4196125	+	2	4	K.ADVKLPIPDPEDELGYVMNAVR.T	27
PHEAT+6674	proteomics_heat	4196081	4196125	+	2	4	I.PDPEDELGYVMNAVR.T	19
PHEAT+6675	proteomics_heat	4196138	4196224	+	2	6	R.ELKGEVPLIGFSGSPWTLATYMEGGSSK.A	33
PHEAT+6676	proteomics_heat	4196147	4196224	+	2	3	K.GEVPLIGFSGSPWTLATYMEGGSSK.A	30
PHEAT+6677	proteomics_heat	4196246	4196290	+	2	2	K.MMYADPQALHALDK.L	19
PHEAT+6678	proteomics_heat	4196390	4196425	+	2	2	R.DYQQFSLYMHK.I	16
PHEAT+6679	proteomics_heat	4196489	4196575	+	2	2	K.GGGQWLEAMAETGCDALGLDWTTDIADAR.R	33
PHEAT+6680	proteomics_heat	4196594	4196647	+	2	5	K.VALQGNMPSMLYAPPAR.I	22
PHEAT+6681	proteomics_heat	4197011	4197055	+	2	2	R.IATTMPYIPGFLSFR.E	19
PHEAT+6682	proteomics_heat	4197749	4197847	+	2	2	K.FEEAIPSADDFDLGVYPADACVALSELVHSR.L	37
PHEAT+6683	proteomics_heat	4197848	4197889	+	2	2	R.LSGETLEHAVEVSK.T	18
PHEAT+6684	proteomics_heat	4198304	4198342	+	2	2	L.MNKTLQIDVIAEK.A	17
PHEAT+6685	proteomics_heat	4198313	4198342	+	2	17	K.TQLIDVIAEK.A	14
PHEAT+6686	proteomics_heat	4198313	4198357	+	2	8	K.TQLIDVIAEKAELSK.T	19
PHEAT+6687	proteomics_heat	4198370	4198414	+	2	22	K.AALESTLAAITESLK.E	19
PHEAT+6688	proteomics_heat	4198370	4198456	+	2	502	K.AALESTLAAITESLKEGDAVQLVGFGTK.V	33
PHEAT+6689	proteomics_heat	4198415	4198456	+	2	12	K.EGDAVQLVGFGTK.V	18
PHEAT+6690	proteomics_heat	4198514	4198552	+	2	36	K.IAAANVPAFVSGK.A	17
PHEAT+6691	proteomics_heat	4204039	4204122	+	1	2	S.SSRIEPPGWITQVTPAAAAASIPSRNGK.N	32
PHEAT+6692	proteomics_heat	4212306	4212350	+	3	6	M.PIRVPDELPAVNFLR.E	19
PHEAT+6693	proteomics_heat	4212315	4212350	+	3	2	R.VPDELPAVNFLR.E	16
PHEAT+6694	proteomics_heat	4212384	4212413	+	3	3	R.ASGQEIRPLK.V	14
PHEAT+6695	proteomics_heat	4212414	4212440	+	3	2	K.VLILNMPK.K	13
PHEAT+6696	proteomics_heat	4212441	4212470	+	3	4	K.KIETENQFLR.L	14
PHEAT+6697	proteomics_heat	4212471	4212515	+	3	7	R.LLSNSPLQVDIQLLR.I	19
PHEAT+6698	proteomics_heat	4212846	4212881	+	3	3	R.GFDDSLPHSR.Y	16
PHEAT+6699	proteomics_heat	4212912	4212977	+	3	36	R.DYTDLEILAETEEGDAYLFASK.D	26
PHEAT+6700	proteomics_heat	4212987	4213049	+	3	10	R.IAFVTGHPEYDAQTLAQEFFR.D	25
PHEAT+6701	proteomics_heat	4213050	4213124	+	3	4	R.DVEAGLDPDVPYNYFPHNDPQNTPR.A	29
PHEAT+6702	proteomics_heat	4213050	4213106	+	3	4	R.DVEAGLDPDVPYNYFPHND.P	23
PHEAT+6703	proteomics_heat	4213137	4213169	+	3	2	R.SHGNULLFTNWL.N	15
PHEAT+6704	proteomics_heat	4213209	4213229	+	3	2	R.HMNPTLD.-	11
PHEAT+6705	proteomics_heat	4213504	4213566	+	1	12	M.TEQATTTDELAFTRPYGEQEK.Q	25
PHEAT+6706	proteomics_heat	4213567	4213632	+	1	165	K.QILTAEAVEFLTELVTHTFPQR.N	26
PHEAT+6707	proteomics_heat	4213588	4213632	+	1	10	A.VEFLTELVTHTFPQR.N	19
PHEAT+6708	proteomics_heat	4213654	4213722	+	1	20	R.IQQQQDIDNGTLPDFISETASIR.D	27
PHEAT+6709	proteomics_heat	4213771	4213800	+	1	21	R.RVEITGPVER.K	14
PHEAT+6710	proteomics_heat	4213801	4213836	+	1	9	R.KMVINALNANVK.V	16
PHEAT+6711	proteomics_heat	4213804	4213836	+	1	10	K.MVINALNANVK.V	15
PHEAT+6712	proteomics_heat	4213837	4213884	+	1	18	K.VFMADFEDSLAPDWNK.V	20
PHEAT+6713	proteomics_heat	4213837	4213911	+	1	4	K.VFMADFEDSLAPDWNKVIDGQINLR.D	29
PHEAT+6714	proteomics_heat	4213885	4213911	+	1	4	K.VIDGQINLR.D	13
PHEAT+6715	proteomics_heat	4213912	4213956	+	1	112	R.DAVNGTISYTNEAGK.I	19
PHEAT+6716	proteomics_heat	4213921	4213956	+	1	2	V.NGTISYTNEAGK.I	16
PHEAT+6717	proteomics_heat	4213957	4213989	+	1	2	K.IYQLKPNPAVL.I	15
PHEAT+6718	proteomics_heat	4213957	4213983	+	1	5	K.IYQLKPNPA.V	13

PHEAT+6719	proteomics_heat	4213957	4213998	+	1	25	K.IYQLKPNPAVLICR.V	18
PHEAT+6720	proteomics_heat	4214083	4214115	+	1	3	Y.FFHNYQALLAK.G	15
PHEAT+6721	proteomics_heat	4214116	4214145	+	1	3	K.GSGPYFYLPK.T	14
PHEAT+6722	proteomics_heat	4214233	4214298	+	1	39	K.ATLLIETLPAVFQMDEILHALR.D	26
PHEAT+6723	proteomics_heat	4214299	4214328	+	1	7	R.DHIVGLNCGR.W	14
PHEAT+6724	proteomics_heat	4214329	4214355	+	1	3	R.WDYIFSYIK.T	13
PHEAT+6725	proteomics_heat	4214395	4214439	+	1	17	R.QAVTMDKPFLNAYS.R	19
PHEAT+6726	proteomics_heat	4214395	4214433	+	1	3	R.QAVTMDKPFLNAY.S	17
PHEAT+6727	proteomics_heat	4214467	4214544	+	1	39	R.GAFAMGGMAAFIPSKDEEHNNQVLNK.V	30
PHEAT+6728	proteomics_heat	4214476	4214544	+	1	6	F.AMGGMAAFIPSKDEEHNNQVLNK.V	27
PHEAT+6729	proteomics_heat	4214491	4214544	+	1	3	M.AAFIPSKDEEHNNQVLNK.V	22
PHEAT+6730	proteomics_heat	4214560	4214658	+	1	31	K.SLEANNHGDGTWIAHPGLADTAMAVFNDILGSR.K	37
PHEAT+6731	proteomics_heat	4214659	4214682	+	1	4	R.KNQLEVMR.E	12
PHEAT+6732	proteomics_heat	4214662	4214682	+	1	2	K.NQLEVMR.E	11
PHEAT+6733	proteomics_heat	4214683	4214739	+	1	9	R.EQDAPITADQLLAPCDGER.T	23
PHEAT+6734	proteomics_heat	4214770	4214865	+	1	75	R.VAVQYIEAWISGNGCVPIYGLMEDAATAEISR.T	36
PHEAT+6735	proteomics_heat	4214899	4214928	+	1	12	K.TLSNGKPVTK.A	14
PHEAT+6736	proteomics_heat	4214941	4214964	+	1	4	R.QMLGEEMK.V	12
PHEAT+6737	proteomics_heat	4214965	4214994	+	1	10	K.VIASELGEER.F	14
PHEAT+6738	proteomics_heat	4214995	4215090	+	1	4	R.FSQGRFDDAARLMEQITTSDELIDFLTLPGYR.L	36
PHEAT+6739	proteomics_heat	4215028	4215090	+	1	139	R.LMEQITTSDELIDFLTLPGYR.L	25
PHEAT+6740	proteomics_heat	4215138	4215170	+	3	4	K.TRTQQIEELQK.E	15
PHEAT+6741	proteomics_heat	4215144	4215188	+	3	10	R.TQQIEELQKEWTQPR.W	19
PHEAT+6742	proteomics_heat	4215144	4215170	+	3	6	R.TQQIEELQK.E	13
PHEAT+6743	proteomics_heat	4215189	4215233	+	3	21	R.WEGITRYPYSAEDVVK.L	19
PHEAT+6744	proteomics_heat	4215189	4215221	+	3	3	R.WEGITRYPYSAE.D	15
PHEAT+6745	proteomics_heat	4215234	4215287	+	3	15	K.LRGSVNPECTLAQLGAAK.M	22
PHEAT+6746	proteomics_heat	4215240	4215287	+	3	24	R.GSVNPECTLAQLGAAK.M	20
PHEAT+6747	proteomics_heat	4215252	4215287	+	3	2	N.PECTLAQLGAAK.M	16
PHEAT+6748	proteomics_heat	4215318	4215368	+	3	8	K.KGYINSLGALTGGQALQ.Q	21
PHEAT+6749	proteomics_heat	4215318	4215377	+	3	55	K.KGYINSLGALTGGQALQQAK.A	24
PHEAT+6750	proteomics_heat	4215318	4215371	+	3	2	K.KGYINSLGALTGGQALQQ.A	22
PHEAT+6751	proteomics_heat	4215318	4215365	+	3	5	K.KGYINSLGALTGGQAL.Q	20
PHEAT+6752	proteomics_heat	4215321	4215377	+	3	9	K.GYINSLGALTGGQALQQAK.A	23
PHEAT+6753	proteomics_heat	4215321	4215383	+	3	2	K.GYINSLGALTGGQALQQAKAG.I	25
PHEAT+6754	proteomics_heat	4215378	4215500	+	3	115	K.AGIEAVYLSGWQVAADANLAASMYPDQSLYPANSPAVVER.I	45
PHEAT+6755	proteomics_heat	4215447	4215500	+	3	6	M.YPDQSLYPANSPAVVER.I	22
PHEAT+6756	proteomics_heat	4215519	4215569	+	3	9	R.RADQIQWSAGIEPGDPR.Y	21
PHEAT+6757	proteomics_heat	4215519	4215563	+	3	2	R.RADQIQWSAGIEPGD.P	19
PHEAT+6758	proteomics_heat	4215522	4215569	+	3	17	R.ADQIQWSAGIEPGDPR.Y	20
PHEAT+6759	proteomics_heat	4215570	4215650	+	3	273	R.YVDYFLPIVADAEAGFGGVLNAFELMK.A	31
PHEAT+6760	proteomics_heat	4215648	4215710	+	3	12	M.KAMIEAGAAAVHFEDQLASVK.K	25
PHEAT+6761	proteomics_heat	4215651	4215713	+	3	34	K.AMIEAGAAAVHFEDQLASVKK.C	25
PHEAT+6762	proteomics_heat	4215651	4215710	+	3	66	K.AMIEAGAAAVHFEDQLASVK.K	24
PHEAT+6763	proteomics_heat	4215735	4215767	+	3	13	K.VLVPTQEAIQK.L	15
PHEAT+6764	proteomics_heat	4215783	4215827	+	3	19	R.LAADVTGVPTLLVAR.T	19

PHEAT+6765	proteomics_heat	4215828	4215863	+	3	2	R.TDADAADLITSD.C	16
PHEAT+6766	proteomics_heat	4215828	4215902	+	3	76	R.TDADAADLITSDCDPYDSEFITGER.T	29
PHEAT+6767	proteomics_heat	4215828	4215884	+	3	3	R.TDADAADLITSDCDPYDSE.F	23
PHEAT+6768	proteomics_heat	4215828	4215878	+	3	3	R.TDADAADLITSDCDPYD.S	21
PHEAT+6769	proteomics_heat	4215828	4215869	+	3	8	R.TDADAADLITSDCD.P	18
PHEAT+6770	proteomics_heat	4215840	4215902	+	3	2	D.AADLITSDCDPYDSEFITGER.T	25
PHEAT+6771	proteomics_heat	4215849	4215902	+	3	4	D.LITSDCDPYDSEFITGER.T	22
PHEAT+6772	proteomics_heat	4215852	4215902	+	3	4	L.ITSDCDPYDSEFITGER.T	21
PHEAT+6773	proteomics_heat	4215855	4215902	+	3	8	I.TSDCDPYDSEFITGER.T	20
PHEAT+6774	proteomics_heat	4215864	4215902	+	3	3	D.CDPYDSEFITGER.T	17
PHEAT+6775	proteomics_heat	4215870	4215902	+	3	17	D.PYDSEFITGER.T	15
PHEAT+6776	proteomics_heat	4215876	4215902	+	3	2	Y.DSEFITGER.T	13
PHEAT+6777	proteomics_heat	4215924	4215956	+	3	40	R.THAGIEQAIISR.G	15
PHEAT+6778	proteomics_heat	4215954	4216028	+	3	9	S.RGLAYAPYADLVWCETSTPDLELAR.R	29
PHEAT+6779	proteomics_heat	4215957	4216028	+	3	41	R.GLAYAPYADLVWCETSTPDLELAR.R	28
PHEAT+6780	proteomics_heat	4216032	4216055	+	3	3	R.FAQAIHAK.Y	12
PHEAT+6781	proteomics_heat	4216068	4216109	+	3	17	K.LLAYNCSPSFNWQK.N	18
PHEAT+6782	proteomics_heat	4216110	4216169	+	3	8	K.NLDDKTIASFQQLSDMGYK.F	24
PHEAT+6783	proteomics_heat	4216125	4216169	+	3	16	K.TIASFQQLSDMGYK.F	19
PHEAT+6784	proteomics_heat	4216212	4216259	+	3	3	F.NMFDLANAYAQQEGMK.H	20
PHEAT+6785	proteomics_heat	4216305	4216361	+	3	46	K.DGYTFVSHQQEVGTGYFDK.V	23
PHEAT+6786	proteomics_heat	4216362	4216433	+	3	5	K.VTTIIQGGTSSVLTALTGSTEESEQF.-	28
PHEAT+6787	proteomics_heat	4217042	4217083	+	2	2	K.DFHPDHGWESLLMR.V	18
PHEAT+6788	proteomics_heat	4221896	4221943	+	2	2	R.ILVLDGGMGMTMIQSYR.L	20
PHEAT+6789	proteomics_heat	4222355	4222420	+	2	17	K.ALVEGGADLILIIETVFDTLNAK.A	26
PHEAT+6790	proteomics_heat	4222442	4222513	+	2	7	K.TEFEALGVELPIMISGTITDASGR.T	28
PHEAT+6791	proteomics_heat	4222514	4222558	+	2	3	R.TLSGQTTEAFYNSLR.H	19
PHEAT+6792	proteomics_heat	4222559	4222615	+	2	4	R.HAEALTFGLNALGPDEL.R.Q	23
PHEAT+6793	proteomics_heat	4222640	4222729	+	2	2	R.IAECYVTAHPNAGLPNAPFGEYDLADATMAK.Q	34
PHEAT+6794	proteomics_heat	4222739	4222819	+	2	3	R.EWAQAGFLNIVGGCCGTTTPQHIAAMSR.A	31
PHEAT+6795	proteomics_heat	4222874	4222936	+	2	5	R.LSGLEPLNIGEDSLFVNVGER.T	25
PHEAT+6796	proteomics_heat	4222988	4223014	+	2	3	K.YSEALDVAR.Q	13
PHEAT+6797	proteomics_heat	4223231	4223263	+	2	5	K.EGVDAFIHAK.L	15
PHEAT+6798	proteomics_heat	4223504	4223560	+	2	2	R.ELPHALISGGVSNVSFSFR.G	23
PHEAT+6799	proteomics_heat	4223690	4223719	+	2	3	R.DAVEDVILNR.R	14
PHEAT+6800	proteomics_heat	4223777	4223815	+	2	3	K.TDDTANAQQAWEW.R.S	17
PHEAT+6801	proteomics_heat	4223858	4223899	+	2	2	K.GITEFIEQDTEEAR.Q	18
PHEAT+6802	proteomics_heat	4223900	4223986	+	2	10	R.QQATRIEVIIEGPLMDGMNVVGDVLFEGEK.M	33
PHEAT+6803	proteomics_heat	4224233	4224307	+	2	4	K.EVNADLIGLSGLITPSLDEMNVNAK.E	29
PHEAT+6804	proteomics_heat	4224386	4224436	+	2	3	K.IEQNYSGPTVYVQNASR.T	21
PHEAT+6805	proteomics_heat	4224551	4224580	+	2	2	R.TPPVTLEAAR.D	14
PHEAT+6806	proteomics_heat	4224581	4224634	+	2	2	R.DNDFAFDWQAYTPPVAHR.L	22
PHEAT+6807	proteomics_heat	4224635	4224676	+	2	3	R.LGVQVEVEASIELR.N	18
PHEAT+6808	proteomics_heat	4224677	4224727	+	2	2	R.NYIDWTPFFMTWSLAGK.Y	21
PHEAT+6809	proteomics_heat	4224737	4224775	+	2	3	R.ILEDEVVGEAQR.L	17
PHEAT+6810	proteomics_heat	4224785	4224808	+	2	3	K.DANDMLDK.L	12

PHEAT+6811	proteomics_heat	4224785	4224823	+	2	3	K.DANDMLDKLSAEK.T	17
PHEAT+6812	proteomics_heat	4224839	4224868	+	2	2	R.GVVGLFPANR.V	14
PHEAT+6813	proteomics_heat	4224956	4225000	+	2	2	K.TGFANYCLADFVAPK.L	19
PHEAT+6814	proteomics_heat	4225133	4225168	+	2	6	R.LAEFAEYLHER.V	16
PHEAT+6815	proteomics_heat	4225178	4225231	+	2	3	K.VYWGYAPNENLSNEELIR.E	22
PHEAT+6816	proteomics_heat	4225232	4225294	+	2	4	R.ENYQGIRPAGYPACPEHTEK.A	25
PHEAT+6817	proteomics_heat	4226708	4226764	+	2	2	K.HLDVSALDPTLALANAAR.E	23
PHEAT+6818	proteomics_heat	4227236	4227307	+	2	7	R.LHQQNVQSIETSSLHLGLLGDMQR.L	28
PHEAT+6819	proteomics_heat	4229079	4229114	+	3	2	K.LIENSSSEVKPK.A	16
PHEAT+6820	proteomics_heat	4231781	4231831	+	2	4	L.MKNINPTQTAAWQALQK.H	21
PHEAT+6821	proteomics_heat	4231787	4231831	+	2	9	K.NINPTQTAAWQALQK.H	19
PHEAT+6822	proteomics_heat	4231832	4231879	+	2	34	K.HFDEMKDVTIADLFAK.D	20
PHEAT+6823	proteomics_heat	4231850	4231879	+	2	2	K.DVTIADLFAK.D	14
PHEAT+6824	proteomics_heat	4231901	4231945	+	2	12	K.FSATFDDQMLVDYSK.N	19
PHEAT+6825	proteomics_heat	4231994	4232020	+	2	3	K.ECDLAGAIK.S	13
PHEAT+6826	proteomics_heat	4232093	4232122	+	2	6	R.SNTPILVDGK.D	14
PHEAT+6827	proteomics_heat	4232093	4232158	+	2	12	R.SNTPILVDGKDVMPVNAVLEK.M	26
PHEAT+6828	proteomics_heat	4232123	4232158	+	2	5	K.DVMPEVNAVLEK.M	16
PHEAT+6829	proteomics_heat	4232165	4232200	+	2	8	K.TFSEAIISGEWK.G	16
PHEAT+6830	proteomics_heat	4232216	4232299	+	2	37	K.AITDVVNIGIGGSDLGPYMTALRKYK.N	32
PHEAT+6831	proteomics_heat	4232240	4232299	+	2	2	I.GIGGSDLGPYMTALRKYK.N	24
PHEAT+6832	proteomics_heat	4232300	4232362	+	2	5	K.NHLNMHFVSNVDGTHIAEVLK.K	25
PHEAT+6833	proteomics_heat	4232363	4232404	+	2	11	K.KVNPETTLFLVASK.T	18
PHEAT+6834	proteomics_heat	4232366	4232404	+	2	5	K.VNPETTLFLVASK.T	17
PHEAT+6835	proteomics_heat	4232405	4232449	+	2	12	K.TFTTQETMTNAHSAR.D	19
PHEAT+6836	proteomics_heat	4232495	4232524	+	2	3	K.HFAALSTNAK.A	14
PHEAT+6837	proteomics_heat	4232813	4232857	+	2	6	R.FAAYFQQGNMESNGK.Y	19
PHEAT+6838	proteomics_heat	4232870	4232971	+	2	8	R.NGNVVVDYQTGPPIIWGEPGTNGQHAFYQLIHQGTK.M	38
PHEAT+6839	proteomics_heat	4232972	4233037	+	2	6	K.MVPCDFIAPAITHNPLSDHHQK.L	26
PHEAT+6840	proteomics_heat	4233038	4233085	+	2	33	K.LLSNFFAQTEALAFGK.S	20
PHEAT+6841	proteomics_heat	4233086	4233115	+	2	9	K.SREVVEQEYR.D	14
PHEAT+6842	proteomics_heat	4233086	4233163	+	2	3	K.SREVVEQEYRDQGKDPATLDYVVPFK.V	30
PHEAT+6843	proteomics_heat	4233092	4233115	+	2	5	R.EVVEQEYR.D	12
PHEAT+6844	proteomics_heat	4233092	4233163	+	2	3	R.EVVEQEYRDQGKDPATLDYVVPFK.V	28
PHEAT+6845	proteomics_heat	4233116	4233163	+	2	7	R.DQGKDPATLDYVVPFK.V	20
PHEAT+6846	proteomics_heat	4233164	4233205	+	2	3	K.VFEGNRPTNSILLR.E	18
PHEAT+6847	proteomics_heat	4233206	4233256	+	2	10	R.EITPFSLGALIALYEHK.I	21
PHEAT+6848	proteomics_heat	4233338	4233409	+	2	16	R.ILPELKDDKEISSHDSSTNGLINR.Y	28
PHEAT+6849	proteomics_heat	4233356	4233409	+	2	4	K.DDKEISSHDSSTNGLINR.Y	22
PHEAT+6850	proteomics_heat	4233365	4233409	+	2	5	K.EISSHDSSTNGLINR.Y	19
PHEAT+6851	proteomics_heat	4245146	4245193	+	2	3	R.VNQVAEVLQLAHLDDR.K	20
PHEAT+6852	proteomics_heat	4245245	4245313	+	2	2	R.TLVAEPSVFLLEPLSNLDAALR.V	27
PHEAT+6853	proteomics_heat	4250967	4251023	+	3	3	R.LSGKPLLLTELFLPASPLY.-	23
PHEAT+6854	proteomics_heat	4255186	4255221	+	1	4	R.DHISQTGMPPTR.A	16
PHEAT+6855	proteomics_heat	4255294	4255329	+	1	3	R.KGVIEIVSGASR.G	16
PHEAT+6856	proteomics_heat	4257329	4257367	+	2	2	K.LTDDDMTIIEGKR.D	17

PHEAT+6857	proteomics_heat	4259842	4259895	+	1	3	R.NTLLYTEMVTTGAIHGK.G	22
PHEAT+6858	proteomics_heat	4260001	4260045	+	1	2	R.GYDEINLNVGCPSTR.V	19
PHEAT+6859	proteomics_heat	4260157	4260222	+	1	5	R.IGIDDQDSYEFCLDFINTVSGK.G	26
PHEAT+6860	proteomics_heat	4260400	4260438	+	1	2	K.AHLQHMDGVMVGR.E	17
PHEAT+6861	proteomics_heat	4260481	4260531	+	1	3	R.EIFGSSDTPADPVAVVR.A	21
PHEAT+6862	proteomics_heat	4260556	4260594	+	1	2	R.ELSQGTYLGHITR.H	17
PHEAT+6863	proteomics_heat	4260595	4260633	+	1	3	R.HMLGLFQGPGR.Q	17
PHEAT+6864	proteomics_heat	4260670	4260708	+	1	2	K.AGADINVLEHALK.L	17
PHEAT+6865	proteomics_heat	4262559	4262615	+	3	4	R.LQESGSPIDLITLAESLER.Q	23
PHEAT+6866	proteomics_heat	4262913	4262987	+	3	2	R.IEQLFQQPHDGVTVNTGYDDLK.K	29
PHEAT+6867	proteomics_heat	4263907	4263945	+	1	3	K.ANAYGHGLETAR.T	17
PHEAT+6868	proteomics_heat	4264006	4264059	+	1	2	R.AGGITKPVLLLEGFFDAR.D	22
PHEAT+6869	proteomics_heat	4264324	4264371	+	1	3	K.QLAIFNTFCEGKPGQR.S	20
PHEAT+6870	proteomics_heat	4264756	4264803	+	1	2	K.AGDPVILWGEGLPVER.I	20
PHEAT+6871	proteomics_heat	4265149	4265193	+	1	2	K.VDAYAGDPILTLMER.F	19
PHEAT+6872	proteomics_heat	4265302	4265364	+	1	9	R.LNAQPHGASLYLPM EGLNCYR.H	25
PHEAT+6873	proteomics_heat	4265365	4265412	+	1	9	R.HAIAPLLFGADHPVLK.Q	20
PHEAT+6874	proteomics_heat	4265422	4265463	+	1	3	R.VATIQTGGSGALK.V	18
PHEAT+6875	proteomics_heat	4265464	4265487	+	1	3	K.VGADFLKR.Y	12
PHEAT+6876	proteomics_heat	4265656	4265745	+	1	11	R.SIVLLHPCCHNPTGADLTNDQWDVIEILK.A	34
PHEAT+6877	proteomics_heat	4265752	4265826	+	1	29	R.ELIPFLDIAYQFGAGMEEDAYAIR.A	29
PHEAT+6878	proteomics_heat	4265827	4265877	+	1	3	R.AIASAGLPALVSNFSK.I	21
PHEAT+6879	proteomics_heat	4265878	4265901	+	1	3	K.IFSLYGER.V	12
PHEAT+6880	proteomics_heat	4265902	4265949	+	1	4	R.VGGLSVMCEDAEAAGR.V	20
PHEAT+6881	proteomics_heat	4265980	4266051	+	1	10	R.RNYSSPPNFGAQVVA AVLNDEALK.A	28
PHEAT+6882	proteomics_heat	4265983	4266051	+	1	9	R.NYSSPPNFGAQVVA AVLNDEALK.A	27
PHEAT+6883	proteomics_heat	4266052	4266084	+	1	4	K.ASWLAEVEEMR.T	15
PHEAT+6884	proteomics_heat	4266121	4266147	+	1	2	K.VLSTEMPER.N	13
PHEAT+6885	proteomics_heat	4266148	4266174	+	1	5	R.NFDYLLNQR.G	13
PHEAT+6886	proteomics_heat	4266175	4266219	+	1	2	R.GMFSYTGLSAAQVDR.L	19
PHEAT+6887	proteomics_heat	4266220	4266261	+	1	4	R.LREEFGVYLIASGR.M	18
PHEAT+6888	proteomics_heat	4266262	4266300	+	1	3	R.MCVAGLNTANVQR.V	17
PHEAT+6889	proteomics_heat	4268681	4268755	+	2	4	K.MTISELLQYCMAPGAEQSVHNDWK.A	29
PHEAT+6890	proteomics_heat	4272172	4272213	+	1	2	K.VILVGNLQDPEVR.Y	18
PHEAT+6891	proteomics_heat	4272214	4272273	+	1	2	R.YMPNGGAVANITLATESWR.D	24
PHEAT+6892	proteomics_heat	4272367	4272402	+	1	3	R.KGSQVYIEGQLR.T	16
PHEAT+6893	proteomics_heat	4272409	4272438	+	1	2	R.KWTDQSGQDR.Y	14
PHEAT+6894	proteomics_heat	4272412	4272438	+	1	2	K.WTDQSGQDR.Y	13
PHEAT+6895	proteomics_heat	4277333	4277392	+	2	5	R.AVAGQANLLDKDQIIDGGK.A	24
PHEAT+6896	proteomics_heat	4277366	4277392	+	2	5	K.DGQIIDGGK.A	13
PHEAT+6897	proteomics_heat	4277393	4277497	+	2	2	K.ALTTDSMSSVFSLVGAAPAAVYIESAAGTAAGGK.T	39
PHEAT+6898	proteomics_heat	4279467	4279508	+	3	2	R.NDVESVQEENLER.R	18
PHEAT+6899	proteomics_heat	4279599	4279649	+	3	3	K.LLHDLLEALLIENQ.-	21
PHEAT+6900	proteomics_heat	4292876	4292974	+	2	3	K.YQSTTEAVQSSHGIMGTILSLVPTNIVASMAK.G	37
PHEAT+6901	proteomics_heat	4327536	4327592	+	3	2	R.VQLQTTWTNGGMLNAPLSLR.L	23
PHEAT+6902	proteomics_heat	4328564	4328590	+	2	5	R.DVTIIDDGK.L	13

PHEAT+6903	proteomics_heat	4329866	4329904	+	2	4	K.GATPAASDIQEAK.E	17
PHEAT+6904	proteomics_heat	4329905	4329943	+	2	2	K.EILVEHYDNIEQK.I	17
PHEAT+6905	proteomics_heat	4335702	4335746	+	3	3	V.ALRCHTGICERSLFR.N	19
PHEAT+6906	proteomics_heat	4359371	4359478	+	2	2	R.GLSKIRDLLIGRRVSRLENATSATQIPNDRKKNHT.Q	40
PHEAT+6907	proteomics_heat	4368771	4368812	+	3	47	K.SAGGIVLTGSAAAK.S	18
PHEAT+6908	proteomics_heat	4368813	4368851	+	3	19	K.STRGEVLAVGNR.I	17
PHEAT+6909	proteomics_heat	4368822	4368851	+	3	32	R.GEVLAVGNR.I	14
PHEAT+6910	proteomics_heat	4368852	4368890	+	3	20	R.ILENGEVKPLDVK.V	17
PHEAT+6911	proteomics_heat	4368891	4368932	+	3	35	K.VGDIVIFNDGYGVK.S	18
PHEAT+6912	proteomics_heat	4369102	4369131	+	1	61	R.GVNVLADAVK.V	14
PHEAT+6913	proteomics_heat	4369174	4369200	+	1	5	K.SFGAPTITK.D	13
PHEAT+6914	proteomics_heat	4369222	4369272	+	1	112	R.EIELEDKFENMGAQMVK.E	21
PHEAT+6915	proteomics_heat	4369243	4369272	+	1	2	K.FENMGAQMVK.E	14
PHEAT+6916	proteomics_heat	4369288	4369362	+	1	270	K.ANDAAGDGTTTATVLAQAIITEGLK.A	29
PHEAT+6917	proteomics_heat	4369363	4369398	+	1	13	K.AVAAGMNPMDLK.R	16
PHEAT+6918	proteomics_heat	4369363	4369401	+	1	11	K.AVAAGMNPMDLKR.G	17
PHEAT+6919	proteomics_heat	4369414	4369443	+	1	12	K.AVTAAVEELK.A	14
PHEAT+6920	proteomics_heat	4369444	4369473	+	1	2	K.ALSVPCSDSK.A	14
PHEAT+6921	proteomics_heat	4369474	4369527	+	1	204	K.AIAQVGTISANSDETVGK.L	22
PHEAT+6922	proteomics_heat	4369486	4369527	+	1	2	Q.VGTISANSDETVGK.L	18
PHEAT+6923	proteomics_heat	4369528	4369560	+	1	3	K.LIAEAMDKVGK.E	15
PHEAT+6924	proteomics_heat	4369528	4369551	+	1	6	K.LIAEAMDK.V	12
PHEAT+6925	proteomics_heat	4369552	4369638	+	1	2	K.VGKEGVITVEDGTGLQDELDVVEGMQFDR.G	33
PHEAT+6926	proteomics_heat	4369561	4369638	+	1	521	K.EGVITVEDGTGLQDELDVVEGMQFDR.G	30
PHEAT+6927	proteomics_heat	4369636	4369725	+	1	2	D.RGYLSPYFINKPETGAVELESPFILLADKK.I	34
PHEAT+6928	proteomics_heat	4369639	4369722	+	1	33	R.GYLSPYFINKPETGAVELESPFILLADK.K	32
PHEAT+6929	proteomics_heat	4369639	4369725	+	1	48	R.GYLSPYFINKPETGAVELESPFILLADKK.I	33
PHEAT+6930	proteomics_heat	4369648	4369725	+	1	2	L.SPYFINKPETGAVELESPFILLADKK.I	30
PHEAT+6931	proteomics_heat	4369651	4369725	+	1	3	S.PYFINKPETGAVELESPFILLADKK.I	29
PHEAT+6932	proteomics_heat	4369657	4369722	+	1	5	Y.FINKPETGAVELESPFILLADK.K	26
PHEAT+6933	proteomics_heat	4369657	4369725	+	1	17	Y.FINKPETGAVELESPFILLADKK.I	27
PHEAT+6934	proteomics_heat	4369666	4369725	+	1	2	N.KPETGAVELESPFILLADKK.I	24
PHEAT+6935	proteomics_heat	4369678	4369725	+	1	2	T.GAVELESPFILLADKK.I	20
PHEAT+6936	proteomics_heat	4369741	4369773	+	1	19	R.EMPLPVEAVAK.A	15
PHEAT+6937	proteomics_heat	4369774	4369851	+	1	1063	K.AGKPLIIAEDVEGEALATLVVNTMR.G	30
PHEAT+6938	proteomics_heat	4369789	4369851	+	1	2	L.LIIAEDVEGEALATLVVNTMR.G	25
PHEAT+6939	proteomics_heat	4369903	4369980	+	1	388	R.KAMLQDIATLTGGTVISEEIGMELEK.A	30
PHEAT+6940	proteomics_heat	4369906	4369980	+	1	1314	K.AMLQDIATLTGGTVISEEIGMELEK.A	29
PHEAT+6941	proteomics_heat	4369981	4370013	+	1	11	K.ATLEDLGQAKR.V	15
PHEAT+6942	proteomics_heat	4369981	4370010	+	1	11	K.ATLEDLGQAK.R	14
PHEAT+6943	proteomics_heat	4370011	4370082	+	1	3	K.RVINKDTTTTIIDGVGEEAAIQGR.V	28
PHEAT+6944	proteomics_heat	4370014	4370082	+	1	33	R.VVINKDTTTTIIDGVGEEAAIQGR.V	27
PHEAT+6945	proteomics_heat	4370029	4370082	+	1	152	K.DTTTTIIDGVGEEAAIQGR.V	22
PHEAT+6946	proteomics_heat	4370047	4370082	+	1	3	I.DGVGEEAAIQGR.V	16
PHEAT+6947	proteomics_heat	4370050	4370082	+	1	6	D.GVGEEAAIQGR.V	15
PHEAT+6948	proteomics_heat	4370095	4370139	+	1	2	I.RQQIEEATSDYDREK.L	19



PHEAT+6949	proteomics_heat	4370098	4370139	+	1	11	R.QQIEEATSDYDREK.L	18
PHEAT+6950	proteomics_heat	4370098	4370133	+	1	10	R.QQIEEATSDYDR.E	16
PHEAT+6951	proteomics_heat	4370161	4370187	+	1	11	K.LAGGVAVIK.V	13
PHEAT+6952	proteomics_heat	4370161	4370193	+	1	2	K.LAGGVAVIKVG.A	15
PHEAT+6953	proteomics_heat	4370188	4370217	+	1	16	K.VGAATEVEMK.E	14
PHEAT+6954	proteomics_heat	4370188	4370223	+	1	2	K.VGAATEVEMKEK.K	16
PHEAT+6955	proteomics_heat	4370227	4370259	+	1	5	K.ARVEDALHATR.A	15
PHEAT+6956	proteomics_heat	4370233	4370259	+	1	19	R.VEDALHATR.A	13
PHEAT+6957	proteomics_heat	4370260	4370310	+	1	76	R.AAVEEGVVAGGGVALIR.V	21
PHEAT+6958	proteomics_heat	4370323	4370370	+	1	3	K.LADLRGQNEQNVGIK.V	20
PHEAT+6959	proteomics_heat	4370338	4370370	+	1	7	R.GQNEQNVGIK.V	15
PHEAT+6960	proteomics_heat	4370404	4370457	+	1	51	R.QIVLNCGEEPSVVANTVK.G	22
PHEAT+6961	proteomics_heat	4370458	4370541	+	1	40	K.GGDGNYGYNAATEEYGNMIDMGILDPTK.V	32
PHEAT+6962	proteomics_heat	4370458	4370514	+	1	3	K.GGDGNYGYNAATEEYGNMI.D	23
PHEAT+6963	proteomics_heat	4370458	4370490	+	1	2	K.GGDGNYGYNA.T	15
PHEAT+6964	proteomics_heat	4370551	4370625	+	1	2276	R.SALQYAASVAGLMITTECMVTDLPK.N	29
PHEAT+6965	proteomics_heat	4370554	4370625	+	1	4	S.ALQYAASVAGLMITTECMVTDLPK.N	28
PHEAT+6966	proteomics_heat	4370578	4370625	+	1	1596	V.AGLMITTECMVTDLPK.N	20
PHEAT+6967	proteomics_heat	4370931	4370987	+	3	11	R.IVDEQPGAECQLIGTATGK.Q	23
PHEAT+6968	proteomics_heat	4370988	4371038	+	3	5	K.QSNWLSGQHGEEGSMR.G	21
PHEAT+6969	proteomics_heat	4371132	4371173	+	3	2	S.FVPTDSQIIGQVYK.C	18
PHEAT+6970	proteomics_heat	4373725	4373751	+	1	2	M.ATYYSNDFR.A	13
PHEAT+6971	proteomics_heat	4374151	4374210	+	1	12	K.GDTAGTGGKPATLSTGAVVK.V	24
PHEAT+6972	proteomics_heat	4374211	4374246	+	1	21	K.VPLFVQIGEVIK.V	16
PHEAT+6973	proteomics_heat	4374358	4374408	+	1	2	I.VLVLLASTLLTGCNTAR.G	21
PHEAT+6974	proteomics_heat	4374654	4374710	+	3	16	R.GVGEDISDGGNAISGAATK.A	23
PHEAT+6975	proteomics_heat	4374666	4374710	+	3	2	E.DISDGGNAISGAATK.A	19
PHEAT+6976	proteomics_heat	4380765	4380842	+	3	2	R.GVLEVETPCMSQATVTDIHLVPFETR.F	30
PHEAT+6977	proteomics_heat	4381284	4381358	+	3	5	K.EKPTFVYHFPASQASLAQISTEDHR.V	29
PHEAT+6978	proteomics_heat	4381389	4381433	+	3	2	K.GIELANGFHELTDR.E	19
PHEAT+6979	proteomics_heat	4389876	4389908	+	3	3	R.EAELATLEFLK.Q	15
PHEAT+6980	proteomics_heat	4389930	4389968	+	3	3	K.SPICGNSIGQDRR.F	17
PHEAT+6981	proteomics_heat	4389981	4390016	+	3	3	K.YMPELEAYFHYP.Y	16
PHEAT+6982	proteomics_heat	4390017	4390040	+	3	2	R.YLDVSTLK.E	12
PHEAT+6983	proteomics_heat	4392173	4392220	+	2	4	R.EAADVLGLTYELMLR.A	20
PHEAT+6984	proteomics_heat	4392707	4392775	+	2	2	R.DVTGQLHFDSLGLDSWLAGQETK.I	27
PHEAT+6985	proteomics_heat	4393454	4393525	+	2	2	K.LSPYDAACAGCVAHGAAADVLAAR.F	28
PHEAT+6986	proteomics_heat	4393746	4393784	+	3	5	R.GFLQALGHQGNVK.S	17
PHEAT+6987	proteomics_heat	4394511	4394543	+	3	2	K.RVETPAVVAPR.V	15
PHEAT+6988	proteomics_heat	4397028	4397078	+	3	3	R.QQNLQILIPELIGYLAK.Q	21
PHEAT+6989	proteomics_heat	4397671	4397715	+	1	2	R.IEQQAEEQGWESLHR.Q	19
PHEAT+6990	proteomics_heat	4397815	4397895	+	1	3	K.TLTELTQTSGDALPYQVHQFAIAPASR.E	31
PHEAT+6991	proteomics_heat	4398362	4398403	+	2	5	R.ERVPSIYLVNGIK.L	18
PHEAT+6992	proteomics_heat	4398761	4398841	+	2	5	K.DMEDLQEFESLVSSAGVEALQVITGSR.K	31
PHEAT+6993	proteomics_heat	4398908	4398964	+	2	2	K.ATGASVVLFDHALSPAQR.N	23
PHEAT+6994	proteomics_heat	4399358	4399405	+	2	2	R.VYAADQLFATLDPTLR.R	20

PHEAT+6995	proteomics_heat	4399406	4399465	+	2	2	R.RIDVADVGETVLADTVGFIR.H	24
PHEAT+6996	proteomics_heat	4399409	4399465	+	2	6	R.IDVADVGETVLADTVGFIR.H	23
PHEAT+6997	proteomics_heat	4399565	4399648	+	2	7	R.VQENIEAVNTVLEEIDAHEIPTLLVMNK.I	32
PHEAT+6998	proteomics_heat	4399712	4399774	+	2	4	R.VWLSAQTGAGIPQLFQALTER.L	25
PHEAT+6999	proteomics_heat	4399775	4399807	+	2	2	R.LSGEVAQHTLR.L	15
PHEAT+7000	proteomics_heat	4400064	4400153	+	3	3	M.AWNQPGNNGQDRDPWGSSKPGGNSEGNK.G	34
PHEAT+7001	proteomics_heat	4400100	4400153	+	3	2	R.DPWGSSKPGGNSEGNK.G	22
PHEAT+7002	proteomics_heat	4400163	4400198	+	3	4	R.DQGPPDLDDIFR.K	16
PHEAT+7003	proteomics_heat	4400238	4400297	+	3	4	K.GTGSGGGSSSQGPRPQLGGR.V	24
PHEAT+7004	proteomics_heat	4400400	4400483	+	3	14	K.FSHLVEPGLNWKPTFIDEVKPVNVEAVR.E	32
PHEAT+7005	proteomics_heat	4400484	4400534	+	3	9	R.ELAASGVMLTSDENVVR.V	21
PHEAT+7006	proteomics_heat	4400535	4400558	+	3	3	R.VEMNVQYR.V	12
PHEAT+7007	proteomics_heat	4400577	4400615	+	3	4	K.YLYSVTSPDDSLR.Q	17
PHEAT+7008	proteomics_heat	4400715	4400804	+	3	11	R.ELEETIRPYDMGITLLDVNFQAARPPEEVK.A	34
PHEAT+7009	proteomics_heat	4400805	4400834	+	3	4	K.AAFDDAIAAR.E	14
PHEAT+7010	proteomics_heat	4400859	4400894	+	3	4	R.EAEAYTNEVQPR.A	16
PHEAT+7011	proteomics_heat	4400943	4400981	+	3	3	K.AQTILEAQGEVAR.F	17
PHEAT+7012	proteomics_heat	4401078	4401140	+	3	2	R.KVLVNDKGGNLMVPLDQMLK.G	25
PHEAT+7013	proteomics_heat	4401099	4401140	+	3	2	K.GGNLMVPLDQMLK.G	18
PHEAT+7014	proteomics_heat	4401195	4401275	+	3	23	R.LPPASSSTTSGASNTSSTSQGDIMDQR.R	31
PHEAT+7015	proteomics_heat	4401431	4401487	+	2	10	K.VLRDDDNKPLVYEPGLHFK.I	23
PHEAT+7016	proteomics_heat	4401527	4401556	+	2	6	R.IQTMDNQADR.F	14
PHEAT+7017	proteomics_heat	4401578	4401604	+	2	3	K.DLIVDSYIK.W	13
PHEAT+7018	proteomics_heat	4401629	4401685	+	2	2	R.YLATGGGDISQAEVLLKR.K	23
PHEAT+7019	proteomics_heat	4401629	4401682	+	2	38	R.YLATGGGDISQAEVLLK.R	22
PHEAT+7020	proteomics_heat	4401779	4401865	+	2	164	R.DALNSGSAGTEDEVTTTPAADNAIAEAAER.V	33
PHEAT+7021	proteomics_heat	4401827	4401865	+	2	2	T.PAADNAIAEAAER.V	17
PHEAT+7022	proteomics_heat	4401884	4401949	+	2	19	K.GKVPVINPNSMAALGIEVVDVR.I	26
PHEAT+7023	proteomics_heat	4401884	4401910	+	2	3	K.GKVPVINPN.S	13
PHEAT+7024	proteomics_heat	4401890	4401949	+	2	2	K.VPVINPNSMAALGIEVVDVR.I	24
PHEAT+7025	proteomics_heat	4401956	4402000	+	2	2	K.QINLPTEVSEAIYNR.M	19
PHEAT+7026	proteomics_heat	4402040	4402072	+	2	4	R.SQGQEEAEKLR.A	15
PHEAT+7027	proteomics_heat	4402073	4402099	+	2	4	R.ATADYEVTR.T	13
PHEAT+7028	proteomics_heat	4402130	4402165	+	2	3	R.IMRGEGDAEAAK.L	16
PHEAT+7029	proteomics_heat	4402166	4402216	+	2	6	K.LFADAFSKDPDFYAFIR.S	21
PHEAT+7030	proteomics_heat	4402166	4402189	+	2	2	K.LFADAFSK.D	12
PHEAT+7031	proteomics_heat	4402226	4402294	+	2	3	R.AYENSFSGNQDVMVMSPDSDFFR.Y	27
PHEAT+7032	proteomics_heat	4402226	4402276	+	2	3	R.AYENSFSGNQDVMVMSP.D	21
PHEAT+7033	proteomics_heat	4402713	4402760	+	3	5	M.GNNVVVLGTQWGDEGK.G	20
PHEAT+7034	proteomics_heat	4402713	4402766	+	3	6	M.GNNVVVLGTQWGDEGKGI.I	22
PHEAT+7035	proteomics_heat	4402767	4402790	+	3	2	K.IVDLLTER.A	12
PHEAT+7036	proteomics_heat	4402809	4402859	+	3	8	R.YQGGHNAGHTLVINGEK.T	21
PHEAT+7037	proteomics_heat	4402860	4402895	+	3	11	K.TVLHLIPSGILR.E	16
PHEAT+7038	proteomics_heat	4402896	4402955	+	3	14	R.ENVTSIIGNGVVLSPAALMK.E	24
PHEAT+7039	proteomics_heat	4403001	4403063	+	3	20	R.LLLSEACPLILDYHVALDNAR.E	25
PHEAT+7040	proteomics_heat	4403154	4403192	+	3	7	R.VGDLFDKETFAEK.L	17

PHEAT+7041	proteomics_heat	4403193	4403243	+	3	5	K.LKEVMEYHNFQLVNYK.A	21
PHEAT+7042	proteomics_heat	4403193	4403219	+	3	2	K.LKEVMEYHN.F	13
PHEAT+7043	proteomics_heat	4403199	4403243	+	3	9	K.EVMEYHNFQLVNYK.A	19
PHEAT+7044	proteomics_heat	4403232	4403348	+	3	2	V.NYYKAEAVDYQKVLDDTMAVADILTSMVVDVSDLLDQAR.Q	43
PHEAT+7045	proteomics_heat	4403244	4403267	+	3	5	K.AEAVDYQK.V	12
PHEAT+7046	proteomics_heat	4403268	4403348	+	3	4	K.VLDDTMAVADILTSMVVDVSDLLDQAR.Q	31
PHEAT+7047	proteomics_heat	4403484	4403513	+	3	9	R.YVDYVLGILK.A	14
PHEAT+7048	proteomics_heat	4403529	4403588	+	3	4	R.VGAGPFPTELFDETGEFLCK.Q	24
PHEAT+7049	proteomics_heat	4403589	4403621	+	3	5	K.QGNEFGATTGR.R	15
PHEAT+7050	proteomics_heat	4403631	4403660	+	3	2	R.TGWLDTVAVR.R	14
PHEAT+7051	proteomics_heat	4403661	4403705	+	3	5	R.RAVQLNLSLGGFCLTK.L	19
PHEAT+7052	proteomics_heat	4403664	4403705	+	3	8	R.AVQLNLSLGGFCLTK.L	18
PHEAT+7053	proteomics_heat	4403772	4403810	+	3	4	R.EVTTTTPLAADDWK.G	17
PHEAT+7054	proteomics_heat	4403811	4403870	+	3	3	K.GVEPIYETMPGWSESTFGVK.D	24
PHEAT+7055	proteomics_heat	4403871	4403912	+	3	2	K.DRSGLPQAALNYIK.R	18
PHEAT+7056	proteomics_heat	4403877	4403912	+	3	13	R.SGLPQAALNYIK.R	16
PHEAT+7057	proteomics_heat	4403913	4403969	+	3	7	K.RIEELTGVPIDIISTGPDR.T	23
PHEAT+7058	proteomics_heat	4403913	4403990	+	3	4	K.RIEELTGVPIDIISTGPDR.TETMILR.D	30
PHEAT+7059	proteomics_heat	4403916	4403969	+	3	2	R.IEELTGVPIDIISTGPDR.T	22
PHEAT+7060	proteomics_heat	4403970	4404005	+	3	3	R.TETMILRDPFDA.-	16
PHEAT+7061	proteomics_heat	4404543	4404620	+	3	3	K.AVQSFLTELDNYTLADLVEENQPLYK.L	30
PHEAT+7062	proteomics_heat	4404869	4404892	+	2	3	R.DGQLVFTR.R	12
PHEAT+7063	proteomics_heat	4404896	4404934	+	2	2	R.QCYALPERLDLVK.G	17
PHEAT+7064	proteomics_heat	4405025	4405075	+	2	5	K.TCIHGDQVLAQPLGADR.K	21
PHEAT+7065	proteomics_heat	4405025	4405078	+	2	6	K.TCIHGDQVLAQPLGADR.K	22
PHEAT+7066	proteomics_heat	4405142	4405189	+	2	2	R.YFTEAGVGFVVPDDSR.L	20
PHEAT+7067	proteomics_heat	4405364	4405447	+	2	3	R.THEIPYIWPQAVEQQVAGLKEEVPEEAK.A	32
PHEAT+7068	proteomics_heat	4405469	4405507	+	2	2	R.DLPLVTIDGEDAR.D	17
PHEAT+7069	proteomics_heat	4405508	4405537	+	2	6	R.DFDDAVYCEK.K	14
PHEAT+7070	proteomics_heat	4405634	4405726	+	2	5	R.GTSVYFPSQVIPMLPEVLSNGLCSLNPQVDR.L	35
PHEAT+7071	proteomics_heat	4405784	4405816	+	2	2	K.FYEAVMSSSHAR.L	15
PHEAT+7072	proteomics_heat	4405832	4405867	+	2	2	K.VWHILQGDQDLR.E	16
PHEAT+7073	proteomics_heat	4405892	4405921	+	2	4	K.HLEELHNLYK.V	14
PHEAT+7074	proteomics_heat	4406048	4406092	+	2	6	K.LIEECMILANISAAR.F	19
PHEAT+7075	proteomics_heat	4406129	4406170	+	2	2	R.IHDKPSTEAITSF.R	18
PHEAT+7076	proteomics_heat	4406171	4406227	+	2	4	R.SVLAELGLELPGGNKPEPR.D	23
PHEAT+7077	proteomics_heat	4406228	4406299	+	2	8	R.DYAEELLESVADRPDAEMLQTMILLR.S	28
PHEAT+7078	proteomics_heat	4406441	4406539	+	2	2	K.EQGHQGNQTTETGGYHYSMEEMQLGQHC SMAER.R	37
PHEAT+7079	proteomics_heat	4406663	4406725	+	2	2	R.LDDLFDGLVHVSSLDNDYYR.F	25
PHEAT+7080	proteomics_heat	4406831	4406863	+	2	3	R.KIDFSLISSER.A	15
PHEAT+7081	proteomics_heat	4406954	4406986	+	2	3	K.KVNFEPDSAFR.G	15
PHEAT+7082	proteomics_heat	4407301	4407348	+	1	6	M.SEMIYGIHAVQALLER.A	20
PHEAT+7083	proteomics_heat	4407403	4407462	+	1	3	R.LLPLIHAIQSGVVIVQLANR.Q	24
PHEAT+7084	proteomics_heat	4407481	4407516	+	1	6	K.SDGAVHQGIAR.V	16
PHEAT+7085	proteomics_heat	4407640	4407681	+	1	2	R.SADAAGVHAVIVPK.D	18
PHEAT+7086	proteomics_heat	4407715	4407756	+	1	2	K.KVACGAAESVPLIR.V	18

PHEAT+7087	proteomics_heat	4407784	4407855	+	1	4	R.MLQENIWIVGTAGEADHTLYQSK.M	28
PHEAT+7088	proteomics_heat	4413270	4413311	+	3	3	R.HVFGNPLIQQLMR.H	18
PHEAT+7089	proteomics_heat	4413798	4413851	+	3	2	K.YASPPMAQAWCQVMLDTR.G	22
PHEAT+7090	proteomics_heat	4423147	4423212	+	1	82	R.HYEIVFMVHPDQSEQVPGMIER.Y	26
PHEAT+7091	proteomics_heat	4423165	4423212	+	1	2	F.MVHPDQSEQVPGMIER.Y	20
PHEAT+7092	proteomics_heat	4423168	4423212	+	1	3	M.VHPDQSEQVPGMIER.Y	19
PHEAT+7093	proteomics_heat	4423213	4423245	+	1	17	R.YTAAITGAEGK.I	15
PHEAT+7094	proteomics_heat	4423276	4423299	+	1	2	R.QLAYPINK.L	12
PHEAT+7095	proteomics_heat	4423306	4423377	+	1	10	H.KAHYVLMNVEAPQEVIDELETTFR.F	28
PHEAT+7096	proteomics_heat	4423309	4423377	+	1	132	K.AHYVLMNVEAPQEVIDELETTFR.F	27
PHEAT+7097	proteomics_heat	4423318	4423377	+	1	4	Y.VLMNVEAPQEVIDELETTFR.F	24
PHEAT+7098	proteomics_heat	4423324	4423377	+	1	3	L.MNVEAPQEVIDELETTFR.F	22
PHEAT+7099	proteomics_heat	4423327	4423377	+	1	3	M.NVEAPQEVIDELETTFR.F	21
PHEAT+7100	proteomics_heat	4423330	4423377	+	1	9	N.VEAPQEVIDELETTFR.F	20
PHEAT+7101	proteomics_heat	4423339	4423377	+	1	3	A.PQEVIDELETTFR.F	17
PHEAT+7102	proteomics_heat	4423378	4423398	+	1	4	R.FNDAVIR.S	11
PHEAT+7103	proteomics_heat	4423420	4423452	+	1	29	K.HAVTEASPMVK.A	15
PHEAT+7104	proteomics_heat	4423477	4423533	+	1	5	R.RDDFANETADDAEAGDSEE.-	23
PHEAT+7105	proteomics_heat	4423895	4423951	+	2	3	C.RFTAEGVQEIDYKDIATLK.N	23
PHEAT+7106	proteomics_heat	4423895	4423933	+	2	4	C.RFTAEGVQEIDYK.D	17
PHEAT+7107	proteomics_heat	4423898	4423951	+	2	117	R.FTAEGVQEIDYKDIATLK.N	22
PHEAT+7108	proteomics_heat	4423898	4423933	+	2	11	R.FTAEGVQEIDYK.D	16
PHEAT+7109	proteomics_heat	4423904	4423933	+	2	2	T.AEGVQEIDYK.D	14
PHEAT+7110	proteomics_heat	4423952	4423975	+	2	9	K.NYITESGK.I	12
PHEAT+7111	proteomics_heat	4424051	4424080	+	2	8	R.YLSLLPYTDR.H	14
PHEAT+7112	proteomics_heat	4424131	4424154	+	1	4	V.MQVILLDK.V	12
PHEAT+7113	proteomics_heat	4424155	4424196	+	1	14	K.VANLGS LGDQVNVK.A	18
PHEAT+7114	proteomics_heat	4424212	4424235	+	1	5	R.NFLVPQ GK.A	12
PHEAT+7115	proteomics_heat	4424254	4424280	+	1	12	K.KNIEFFEAR.R	13
PHEAT+7116	proteomics_heat	4424257	4424280	+	1	7	K.NIEFFEAR.R	12
PHEAT+7117	proteomics_heat	4424302	4424334	+	1	66	K.LAEVLAAANAR.A	15
PHEAT+7118	proteomics_heat	4424344	4424379	+	1	11	K.INALETVTIASK.A	16
PHEAT+7119	proteomics_heat	4424380	4424421	+	1	6	K.AGDEGKLF SIGTR.D	18
PHEAT+7120	proteomics_heat	4424398	4424421	+	1	3	K.LFGSIGTR.D	12
PHEAT+7121	proteomics_heat	4424422	4424466	+	1	63	R.DIADAVTAAGVEVAK.S	19
PHEAT+7122	proteomics_heat	4424434	4424466	+	1	5	D.AVTAAGVEVAK.S	15
PHEAT+7123	proteomics_heat	4424467	4424499	+	1	3	K.SEVRLPNGVLR.T	15
PHEAT+7124	proteomics_heat	4424500	4424553	+	1	952	R.TTGEHEVSFQVHSEVFAK.V	22
PHEAT+7125	proteomics_heat	4424500	4424535	+	1	2	R.TTGEHEVSFQVH.S	16
PHEAT+7126	proteomics_heat	4427105	4427137	+	2	2	K.HPAVPVDVVHR.A	15
PHEAT+7127	proteomics_heat	4427186	4427215	+	2	4	R.FQAMAAEGVK.Y	14
PHEAT+7128	proteomics_heat	4427216	4427239	+	2	3	K.YLEENAKK.E	12
PHEAT+7129	proteomics_heat	4427237	4427278	+	2	5	K.KEGVNSTESGLQFR.V	18
PHEAT+7130	proteomics_heat	4427240	4427278	+	2	3	K.EGVNSTESGLQFR.V	17
PHEAT+7131	proteomics_heat	4427279	4427314	+	2	3	R.VINQGEGAIPAR.T	16
PHEAT+7132	proteomics_heat	4427348	4427386	+	2	6	K.LIDGTVFDSSVAR.G	17

PHEAT+7133	proteomics_heat	4427387	4427467	+	2	18	R.GEPAEFPVNGVIPGWIEALTLPVGSK.W	31
PHEAT+7134	proteomics_heat	4427905	4427946	+	1	7	K.VVADDQAPAEQSLR.R	18
PHEAT+7135	proteomics_heat	4428847	4428885	+	1	3	R.MLFGLAQEGVAPK.A	17
PHEAT+7136	proteomics_heat	4435246	4435326	+	1	2	R.SHADAEELKEYLQQLGEHQTTSIGSSLK.F	31
PHEAT+7137	proteomics_heat	4440525	4440569	+	3	2	R.AQLSTIESDEVTPDR.R	19
PHEAT+7138	proteomics_heat	4440759	4440779	+	3	2	R.TDKDYLK.L	11
PHEAT+7139	proteomics_heat	4440780	4440845	+	3	2	K.LLDTRPAIGTVLNQGDYENFKK.S	26
PHEAT+7140	proteomics_heat	4441266	4441352	+	3	2	K.KPWMNSYGHSLTTSTISISAPEQTLDFSJK.M	33
PHEAT+7141	proteomics_heat	4441413	4441463	+	3	5	R.TDLNDESDSTTLVASR.Y	21
PHEAT+7142	proteomics_heat	4442432	4442458	+	2	3	K.DIQVNIDSK.K	13
PHEAT+7143	proteomics_heat	4442687	4442725	+	2	2	K.VAEVAQEVEVPK.I	17
PHEAT+7144	proteomics_heat	4443743	4443817	+	2	5	K.DLNLDATINAPGLDNALPGLGGTAK.G	29
PHEAT+7145	proteomics_heat	4446088	4446126	+	1	3	R.IDNATLAELDALR.T	17
PHEAT+7146	proteomics_heat	4448048	4448098	+	2	2	A.APLTVGFSQVGSSESGWR.A	21
PHEAT+7147	proteomics_heat	4448681	4448749	+	2	2	K.EAGLKPGKDILTGSIDGVPIYK.A	27
PHEAT+7148	proteomics_heat	4453940	4454026	+	2	6	K.QGIELIQGYDASQLEPQPDLVIIIGNAMTR.G	33
PHEAT+7149	proteomics_heat	4454060	4454110	+	2	2	K.NIPYMSGPQWLHDFVLR.D	21
PHEAT+7150	proteomics_heat	4454117	4454149	+	2	2	R.WVLAVAGTHGK.T	15
PHEAT+7151	proteomics_heat	4454345	4454401	+	2	2	R.TLILNNEFDHADIFDDLK.A	23
PHEAT+7152	proteomics_heat	4454558	4454608	+	2	3	K.KLTDDASEWEVLLDGEK.V	21
PHEAT+7153	proteomics_heat	4454684	4454743	+	2	6	R.HVGVAPADAANALGSFINAR.R	24
PHEAT+7154	proteomics_heat	4454762	4454842	+	2	4	R.GEANGVTVYDDFAHHPTAILATLAALR.G	31
PHEAT+7155	proteomics_heat	4454906	4454947	+	2	4	K.MGICKDDLAPSLGR.A	18
PHEAT+7156	proteomics_heat	4455074	4455139	+	2	5	K.TAQPGDHILVMSNGGFGGIHQK.L	26
PHEAT+7157	proteomics_heat	4456000	4456026	+	1	4	K.VISQVEAQR.K	13
PHEAT+7158	proteomics_heat	4456027	4456077	+	1	13	R.KILEEAVSTALELASGK.S	21
PHEAT+7159	proteomics_heat	4456030	4456077	+	1	3	K.ILEEAVSTALELASGK.S	20
PHEAT+7160	proteomics_heat	4456078	4456107	+	1	6	K.SDGAEVAVSK.T	14
PHEAT+7161	proteomics_heat	4456207	4456254	+	1	2	R.KGSASSTDLSPQAIAR.T	20
PHEAT+7162	proteomics_heat	4456411	4456443	+	1	9	R.AEQAALQADKR.I	15
PHEAT+7163	proteomics_heat	4456444	4456491	+	1	4	R.ITNTEGGSFNSHYGVK.V	20
PHEAT+7164	proteomics_heat	4456492	4456539	+	1	4	K.VFGNSHGMMLQGYCSTR.H	20
PHEAT+7165	proteomics_heat	4456540	4456590	+	1	4	R.HSLSSCVIAEENGDMER.D	21
PHEAT+7166	proteomics_heat	4456591	4456614	+	1	2	R.DYAYTIGR.A	12
PHEAT+7167	proteomics_heat	4456711	4456794	+	1	35	K.APVIFANEVATGLFGHLVGAIAAGGSVYR.K	32
PHEAT+7168	proteomics_heat	4456711	4456797	+	1	4	K.APVIFANEVATGLFGHLVGAIAAGGSVYRK.S	33
PHEAT+7169	proteomics_heat	4456795	4456827	+	1	2	R.KSTFLDLSLQK.Q	15
PHEAT+7170	proteomics_heat	4456798	4456827	+	1	2	K.STFLDLSLQK.Q	14
PHEAT+7171	proteomics_heat	4456828	4456878	+	1	2	K.QILPDWLTIEEHPHLLK.G	21
PHEAT+7172	proteomics_heat	4456930	4456986	+	1	2	R.DIIKDGILTQWLLTSYSAR.K	23
PHEAT+7173	proteomics_heat	4457077	4457151	+	1	5	K.EMGTGLVVTLMGQGVSAITGDYSR.G	29
PHEAT+7174	proteomics_heat	4457152	4457229	+	1	2	R.GAAGFWVENGEIQYPVSEITTIAGNLK.D	30
PHEAT+7175	proteomics_heat	4457278	4457319	+	1	2	R.SNIQCGSVLLPEMK.I	18
PHEAT+7176	proteomics_heat	4465708	4465770	+	1	2	R.DPLPGAQQTVNTVPPSLSAH.C	25
PHEAT+7177	proteomics_heat	4467001	4467051	+	1	2	R.MSVVVAENTEHHQLVCK.G	21
PHEAT+7178	proteomics_heat	4467094	4467135	+	1	2	R.HNGEIVPLDDIMLR.K	18

PHEAT+7179	proteomics_heat	4467541	4467597	+	1	2	R.EGHVVGFMGDGINDAPALR.A	23
PHEAT+7180	proteomics_heat	4472189	4472224	+	2	2	R.RFAPEQAISAASAK.V	16
PHEAT+7181	proteomics_heat	4472345	4472398	+	2	2	R.VLNEYVGTETAIPLADILR.D	22
PHEAT+7182	proteomics_heat	4472603	4472656	+	2	3	R.AQCVTDFMSTVMSGLSAK.A	22
PHEAT+7183	proteomics_heat	4472885	4472938	+	2	4	K.MIIGNIHNLPWLPQELR.Q	22
PHEAT+7184	proteomics_heat	4472960	4472986	+	2	2	K.AHVTAETPK.G	13
PHEAT+7185	proteomics_heat	4473014	4473061	+	2	2	R.LFYLISEDMTEPYEAR.R	20
PHEAT+7186	proteomics_heat	4473215	4473307	+	2	2	K.TVILNEGDFVVFYPGEVHKPLCAVGAPAQVR.K	35
PHEAT+7187	proteomics_heat	4476499	4476540	+	1	2	M.ANPEQLEEQREETR.L	18
PHEAT+7188	proteomics_heat	4476541	4476639	+	1	23	R.LIIELLEDDGSDPDALYTIEHHSADDLETLEK.A	37
PHEAT+7189	proteomics_heat	4476805	4476909	+	1	4	K.FDVEYDGGWGTYFEDPNGEDGDDEDFVDEDDDDGVRH.-	39
PHEAT+7190	proteomics_heat	4484781	4484837	+	3	2	K.GNARPSVVVADSGHLTQLR.D	23
PHEAT+7191	proteomics_heat	4484838	4484876	+	3	10	R.DGSQVVTLNQGTR.F	17
PHEAT+7192	proteomics_heat	4485956	4485994	+	2	2	R.LSQVDESDLTNP.K	17
PHEAT+7193	proteomics_heat	4486034	4486117	+	2	2	K.TNLTPDKLGVVALDPDALSISGLHNYVK.Y	32
PHEAT+7194	proteomics_heat	4495367	4495411	+	2	2	P.LTRWAIELTLIFIR.S	19
PHEAT+7195	proteomics_heat	4503391	4503435	+	1	2	K.ITCVYDPENGENIAR.E	19
PHEAT+7196	proteomics_heat	4503565	4503624	+	1	2	K.HVFCEKPIALSIEDCVDMVK.A	24
PHEAT+7197	proteomics_heat	4528787	4528849	+	2	2	F.SLHRNVVFKSRFQHPYQARR.R	25
PHEAT+7198	proteomics_heat	4539010	4539048	+	1	2	R.NFLTHSEIESLLK.A	17
PHEAT+7199	proteomics_heat	4542837	4542914	+	3	3	R.RSANSLLINPTPYLTVTELNAGTR.V	30
PHEAT+7200	proteomics_heat	4550085	4550141	+	3	2	K.RPGAEADYEEEEIAQAER.F	23
PHEAT+7201	proteomics_heat	4550184	4550243	+	3	3	R.NIIAGLPGAEEGYTLQDQFRK.H	24
PHEAT+7202	proteomics_heat	4551278	4551313	+	2	2	P.QTAIVSLTVTEK.G	16
PHEAT+7203	proteomics_heat	4579986	4580072	+	3	3	R.HRPFQKEQHVGLHALSVKNTGRQTQNGVQ.M	33
PHEAT+7204	proteomics_heat	4580964	4581050	+	3	2	Q.KQQRGEFIDVVLIGNAAIAQVVAQLPQLR.D	33
PHEAT+7205	proteomics_heat	4583399	4583473	+	2	2	P.LDDCLFNADGIFLITQAQLAHAR.V	29
PHEAT+7206	proteomics_heat	4585638	4585700	+	3	2	R.WQNTVGRPELQAFYGALAGQK.A	25
PHEAT+7207	proteomics_heat	4589782	4589820	+	1	2	K.NDKENFTVLQTIR.Q	17
PHEAT+7208	proteomics_heat	4589821	4589871	+	1	4	R.QQQSTLNGSWVALLQTR.N	21
PHEAT+7209	proteomics_heat	4590028	4590060	+	1	2	R.QSTAAAAEIKR.N	15
PHEAT+7210	proteomics_heat	4590061	4590120	+	1	2	R.NYDIYHNALAEIQLLGAGK.I	24
PHEAT+7211	proteomics_heat	4590121	4590174	+	1	3	K.INEFFDQPTQGYQDGFQK.Q	22
PHEAT+7212	proteomics_heat	4590370	4590450	+	1	8	R.HIAGGDLVKPIEVDGSGNEMGQLAESLR.H	31
PHEAT+7213	proteomics_heat	4590493	4590561	+	1	5	R.NGANAIYSGASEIATGNNDLSSR.T	27
PHEAT+7214	proteomics_heat	4590652	4590696	+	1	8	R.QASHLALSASETAQR.G	19
PHEAT+7215	proteomics_heat	4590760	4590843	+	1	27	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PHEAT+7216	proteomics_heat	4590760	4590843	+	1	27	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PHEAT+7217	proteomics_heat	4590862	4590891	+	1	4	R.GFAVVAGEVR.N	14
PHEAT+7218	proteomics_heat	4590862	4590891	+	1	4	R.GFAVVAGEVR.N	14
PHEAT+7219	proteomics_heat	4590862	4590891	+	1	4	R.GFAVVAGEVR.N	14
PHEAT+7220	proteomics_heat	4590862	4590891	+	1	4	R.GFAVVAGEVR.N	14
PHEAT+7221	proteomics_heat	4590961	4591032	+	1	31	K.VDVGSTLVESAGETMAEIVSAVTR.V	28
PHEAT+7222	proteomics_heat	4591033	4591083	+	1	3	R.VTDIMGEIASASDEQSR.G	21
PHEAT+7223	proteomics_heat	4591033	4591083	+	1	3	R.VTDIMGEIASASDEQSR.G	21
PHEAT+7224	proteomics_heat	4606454	4606492	+	2	4	R.ALLEHLIDELEKR.G	17

PHEAT+7225	proteomics_heat	4606891	4606992	+	1	2	R.LNVEPGKLN EAFINAMAEICTPLPGAVSLLNAIR.G	38
PHEAT+7226	proteomics_heat	4607479	4607514	+	1	6	R.TFAIISHPDAGK.T	16
PHEAT+7227	proteomics_heat	4607533	4607577	+	1	4	K.VLLFGQAIQTAGTVK.G	19
PHEAT+7228	proteomics_heat	4607740	4607787	+	1	6	R.TLTAVDCCLMVIDAAK.G	20
PHEAT+7229	proteomics_heat	4607830	4607865	+	1	5	R.LRDTPILTFMNK.L	16
PHEAT+7230	proteomics_heat	4607866	4607925	+	1	2	K.LDRDIRDPMELLDDEVENELK.I	24
PHEAT+7231	proteomics_heat	4607875	4607925	+	1	8	R.DIRDPMELLDDEVENELK.I	21
PHEAT+7232	proteomics_heat	4607926	4607967	+	1	3	K.IGCAPITWPIGCGK.L	18
PHEAT+7233	proteomics_heat	4607977	4608027	+	1	9	K.GVYHLYKDETYLYQSGK.G	21
PHEAT+7234	proteomics_heat	4608061	4608141	+	1	2	K.GLNNPDLDAAVGEDLAQQLRDELELVK.G	31
PHEAT+7235	proteomics_heat	4608298	4608342	+	1	4	R.TVEASEDKFTGFVFK.I	19
PHEAT+7236	proteomics_heat	4608496	4608594	+	1	3	R.SHVEEAYPGDILGLHNHGTIQIGDTFTQGEMMK.F	37
PHEAT+7237	proteomics_heat	4608595	4608633	+	1	2	K.FTGIPNFAPELFR.R	17
PHEAT+7238	proteomics_heat	4608853	4608876	+	1	4	R.WVECADAK.K	12
PHEAT+7239	proteomics_heat	4608898	4608972	+	1	7	R.KNESQLALDGGDNLAYIATSMVNL.R.L	29
PHEAT+7240	proteomics_heat	4608988	4609017	+	1	7	R.YPDVQFHQTR.E	14
PHEAT+7241	proteomics_heat	4609503	4609565	+	3	3	A.ENNAQTTNESAGQKVDSSMNK.V	25
PHEAT+7242	proteomics_heat	4609503	4609544	+	3	3	A.ENNAQTTNESAGQK.V	18
PHEAT+7243	proteomics_heat	4609566	4609604	+	3	6	K.VGNFMDDSAITAK.V	17
PHEAT+7244	proteomics_heat	4609611	4609640	+	3	8	K.AALVDHDNIK.S	14
PHEAT+7245	proteomics_heat	4609674	4609730	+	3	42	K.VVTLSGFVESAQAEEAVK.V	23
PHEAT+7246	proteomics_heat	4609740	4609772	+	3	8	K.GVEGVTSVSDK.L	15
PHEAT+7247	proteomics_heat	4609740	4609784	+	3	3	K.GVEGVTSVSDKLHVR.D	19
PHEAT+7248	proteomics_heat	4609809	4609847	+	3	7	K.GYAGDTATTSEIK.A	17
PHEAT+7249	proteomics_heat	4609854	4609883	+	3	3	K.LLADDIVPSR.H	14
PHEAT+7250	proteomics_heat	4609863	4609958	+	3	4	A.DDIVPSRHVKVETTDGVVQLSGTVDSQAQSDR.A	36
PHEAT+7251	proteomics_heat	4609893	4609958	+	3	17	K.VETTDGVVQLSGTVDSQAQSDR.A	26
PHEAT+7252	proteomics_heat	4611648	4611719	+	3	2	R.VLALAENYQPLYAALGLHPGMLEK.H	28
PHEAT+7253	proteomics_heat	4611720	4611764	+	3	2	K.HSDVSLEQLQALER.R	19
PHEAT+7254	proteomics_heat	4615385	4615456	+	2	2	K.LMDLTTLNDDDTDEKVIALCHQAK.T	28
PHEAT+7255	proteomics_heat	4615385	4615429	+	2	5	K.LMDLTTLNDDDTDEK.V	19
PHEAT+7256	proteomics_heat	4615430	4615456	+	2	3	K.VIALCHQAK.T	13
PHEAT+7257	proteomics_heat	4615457	4615498	+	2	3	K.TPVGNTAAICIYPR.F	18
PHEAT+7258	proteomics_heat	4615553	4615618	+	2	5	R.IATVTNFPHGNDIDIALAETR.A	26
PHEAT+7259	proteomics_heat	4615619	4615669	+	2	2	R.AAIAYGADEVVVFPYR.A	21
PHEAT+7260	proteomics_heat	4615670	4615714	+	2	2	R.ALMAGNEQVGFDLVK.A	19
PHEAT+7261	proteomics_heat	4615757	4615801	+	2	4	K.VIETGELKDEALIR.K	19
PHEAT+7262	proteomics_heat	4615934	4615966	+	2	3	K.TVGFKPAGGVR.T	15
PHEAT+7263	proteomics_heat	4615988	4616038	+	2	8	K.YLAIADELFGADWADAR.H	21
PHEAT+7264	proteomics_heat	4616048	4616083	+	2	2	R.FGASSLLASLLK.A	16
PHEAT+7265	proteomics_heat	4616471	4616503	+	2	3	K.SLHLNGPIVDK.H	15
PHEAT+7266	proteomics_heat	4616597	4616674	+	2	3	R.GLGHTGGTLDKLESIPGFDIFPDDNR.F	30
PHEAT+7267	proteomics_heat	4616681	4616749	+	2	2	R.EIIKDVGVAIIGQTSSLAPADKR.F	27
PHEAT+7268	proteomics_heat	4616765	4616821	+	2	4	R.DITATVDSIPLITASILAK.K	23
PHEAT+7269	proteomics_heat	4616822	4616863	+	2	2	K.KLAEGLDALVMDVK.V	18
PHEAT+7270	proteomics_heat	4616864	4616953	+	2	37	K.VGSGAFMPTYELSEALAEIVGVANGAGVR.T	34

PHEAT+7271	proteomics_heat	4617416	4617466	+	2	3	R.LGDQVDGQRPLAVIHAK.D	21
PHEAT+7272	proteomics_heat	4617467	4617496	+	2	2	K.DENNWQEAAK.A	14
PHEAT+7273	proteomics_heat	4617518	4617559	+	2	3	K.LADKAPESTPTVYR.R	18
PHEAT+7274	proteomics_heat	4617635	4617691	+	2	9	R.AFIMVLDSFGIGATEDAER.F	23
PHEAT+7275	proteomics_heat	4617692	4617745	+	2	5	R.FGDVGADTLGHIAEACAK.G	22
PHEAT+7276	proteomics_heat	4618031	4618111	+	2	9	R.ANLPGYLGNCHSSSGTVILDQLGEEHMK.T	31
PHEAT+7277	proteomics_heat	4618112	4618192	+	2	9	K.TGKPIFYTSADSVFQIACHEETFGLDK.L	31
PHEAT+7278	proteomics_heat	4618220	4618255	+	2	3	R.EELTNGGYNIGR.V	16
PHEAT+7279	proteomics_heat	4618256	4618285	+	2	2	R.VIARPFIGDK.A	14
PHEAT+7280	proteomics_heat	4618304	4618360	+	2	9	R.TGNRHDLAVEPPAPTVLQK.L	23
PHEAT+7281	proteomics_heat	4618316	4618360	+	2	2	R.HDLAVEPPAPTVLQK.L	19
PHEAT+7282	proteomics_heat	4618376	4618402	+	2	4	K.HGQVSVVGK.I	13
PHEAT+7283	proteomics_heat	4618403	4618438	+	2	2	K.IADIYANCGITK.K	16
PHEAT+7284	proteomics_heat	4618403	4618441	+	2	2	K.IADIYANCGITKK.V	17
PHEAT+7285	proteomics_heat	4618565	4618606	+	2	4	R.DVAGYAAGLELFDR.R	18
PHEAT+7286	proteomics_heat	4618607	4618636	+	2	4	R.RLPELMSLLR.D	14
PHEAT+7287	proteomics_heat	4618709	4618741	+	2	3	R.EHIPVLVYGPK.V	15
PHEAT+7288	proteomics_heat	4618769	4618804	+	2	2	R.ETFADIGQTLAK.Y	16
PHEAT+7289	proteomics_heat	4618909	4618980	+	1	7	M.ATPHINAEMGDFADVLMPGDPLR.A	28
PHEAT+7290	proteomics_heat	4619038	4619067	+	1	2	R.GMLGFTGTYK.G	14
PHEAT+7291	proteomics_heat	4619077	4619130	+	1	9	K.ISVMGHGMGIPSCSIYTK.E	22
PHEAT+7292	proteomics_heat	4619131	4619157	+	1	2	K.ELITDFGVK.K	13
PHEAT+7293	proteomics_heat	4619131	4619160	+	1	2	K.ELITDFGVK.I	14
PHEAT+7294	proteomics_heat	4619170	4619205	+	1	10	R.VGSCGAVLPHVK.L	16
PHEAT+7295	proteomics_heat	4619206	4619250	+	1	7	K.LRDVVIGMGACTDSK.V	19
PHEAT+7296	proteomics_heat	4619212	4619250	+	1	9	R.DVVIGMGACTDSK.V	17
PHEAT+7297	proteomics_heat	4619266	4619313	+	1	21	R.FKDHDFAAIADFDPMVR.N	20
PHEAT+7298	proteomics_heat	4619356	4619424	+	1	15	R.VGNLFSADLFYSPDGEMFDVMEK.Y	27
PHEAT+7299	proteomics_heat	4619425	4619493	+	1	16	K.YGILGVEMEAAGIYGVAAEFGAK.A	27
PHEAT+7300	proteomics_heat	4619494	4619529	+	1	5	K.ALTICTVSDHIR.T	16
PHEAT+7301	proteomics_heat	4619530	4619559	+	1	7	R.THEQTTAAER.Q	14
PHEAT+7302	proteomics_heat	4619587	4619622	+	1	7	K.IALESVLLGDKE.-	16
PHEAT+7303	proteomics_heat	4622921	4623028	+	2	4	M.PNITWCCLPEDVSLWPLPLSLSGDEVMPDLYHAGR.S	40
PHEAT+7304	proteomics_heat	4623683	4623760	+	2	3	R.LAQEYEIPLAQTVAIGDGANDLPMIK.A	30
PHEAT+7305	proteomics_heat	4623830	4623883	+	2	2	R.HADLMGVFCILSGSLNQK.-	22
PHEAT+7306	proteomics_heat	4624193	4624258	+	2	3	R.VLGGGVVPGSAILIGGNPGAGK.S	26
PHEAT+7307	proteomics_heat	4624193	4624255	+	2	2	R.VLGGGVVPGSAILIGGNPGAG.K	25
PHEAT+7308	proteomics_heat	4624715	4624768	+	2	3	R.FGAVNELGVFAMTEQGLR.E	22
PHEAT+7309	proteomics_heat	4625036	4625092	+	2	3	K.VTETSADLALLLAMVSSLR.D	23
PHEAT+7310	proteomics_heat	4625656	4625706	+	1	2	R.ALFEDSAMSQQPTVPDR.L	21
PHEAT+7311	proteomics_heat	4625989	4626033	+	1	2	R.YWEYIPTEVKPFFVR.T	19
PHEAT+7312	proteomics_heat	4626196	4626237	+	1	2	K.IALGHAQYIDFAVK.Y	18
PHEAT+7313	proteomics_heat	4626409	4626435	+	1	2	R.SLGSSVDRK.E	13
PHEAT+7314	proteomics_heat	4630786	4630827	+	1	2	M.AQQSPYSAAMAEQR.H	18
PHEAT+7315	proteomics_heat	4630864	4630926	+	1	5	K.NAYQNDLHLPLNMLTPDER.E	25
PHEAT+7316	proteomics_heat	4630990	4631034	+	1	6	R.ELKNELGAGIATITR.G	19



PHEAT+7317	proteomics_heat	4631844	4631873	+	3	3	R.HGETQWNAER.R	14
PHEAT+7318	proteomics_heat	4631913	4631945	+	3	4	K.GEQQAMQVATR.A	15
PHEAT+7319	proteomics_heat	4631946	4631993	+	3	5	R.AKELGITHIISDLGR.T	20
PHEAT+7320	proteomics_heat	4631952	4631993	+	3	2	K.ELGITHIISDLGR.T	18
PHEAT+7321	proteomics_heat	4632093	4632134	+	3	2	R.HIDSLTEEEENWRR.Q	18
PHEAT+7322	proteomics_heat	4632093	4632131	+	3	2	R.HIDSLTEEEENWR.R	17
PHEAT+7323	proteomics_heat	4632165	4632203	+	3	2	R.IPEGESMQELSDR.V	17
PHEAT+7324	proteomics_heat	4632204	4632230	+	3	2	R.VNAALESCR.D	13
PHEAT+7325	proteomics_heat	4633661	4633696	+	2	2	K.IVVEAFDDPDVK.N	16
PHEAT+7326	proteomics_heat	4633697	4633720	+	2	3	K.NVTCYVSR.A	12
PHEAT+7327	proteomics_heat	4633742	4633822	+	2	8	K.GGLGLAEDTSDAAISCQVGPIELSDR.I	31
PHEAT+7328	proteomics_heat	4633838	4633861	+	2	2	K.AQGEVVK.K	12
PHEAT+7329	proteomics_heat	4633943	4633975	+	2	2	A.YSDKVVEGSPK.N	15
PHEAT+7330	proteomics_heat	4635478	4635522	+	1	2	K.NYIEQYVYALTHELK.S	19
PHEAT+7331	proteomics_heat	4639061	4639099	+	2	2	R.IVDSQAHLEPATR.W	17
PHEAT+7332	proteomics_heat	4639100	4639141	+	2	2	R.WVAHSGSGIIDNIK.V	18
PHEAT+7333	proteomics_heat	4639217	4639267	+	2	3	K.YHYATPVELVPLLEEK.S	21
PHEAT+7334	proteomics_heat	4639457	4639498	+	2	2	K.SDATADQHQLQALR.E	18
PHEAT-1	proteomics_heat	5869	5913	-	5	8	K.KLNAEIIKPVFLDEK.N	19
PHEAT-2	proteomics_heat	5929	5997	-	5	2	K.LNEALAAQGDNVVINLASDEYFK.S	27
PHEAT-3	proteomics_heat	5998	6042	-	5	10	R.GKDLYQFWGDIITNK.L	19
PHEAT-4	proteomics_heat	6229	6270	-	5	3	R.FHDWQPDPFTPANAR.Q	18
PHEAT-5	proteomics_heat	6343	6396	-	5	2	R.YTLPELLDNSQQLIHEAR.K	22
PHEAT-6	proteomics_heat	20824	20850	-	5	8	K.ANLTAQINK.L	13
PHEAT-7	proteomics_heat	20899	20931	-	5	10	K.AFNEMQPIVDR.Q	15
PHEAT-8	proteomics_heat	20932	20976	-	5	11	K.VYAAIEAGDKAAAQK.A	19
PHEAT-9	proteomics_heat	20932	20979	-	5	2	K.KVYAAIEAGDKAAAQK.A	20
PHEAT-10	proteomics_heat	20944	20979	-	5	3	K.KVYAAIEAGDKA.A	16
PHEAT-11	proteomics_heat	20947	20976	-	5	16	K.VYAAIEAGDK.A	14
PHEAT-12	proteomics_heat	20947	20979	-	5	40	K.KVYAAIEAGDK.A	15
PHEAT-13	proteomics_heat	50914	50967	-	5	4	R.LTPLLEAPDADELLNWL.R	22
PHEAT-14	proteomics_heat	52179	52208	-	4	5	R.LQTHPFLGPK.L	14
PHEAT-15	proteomics_heat	52257	52319	-	4	2	K.GQAMVEIGPGLAALTEPVGER.L	25
PHEAT-16	proteomics_heat	52320	52388	-	4	16	R.FGQNFLNDQFVIDSIVSAINPQK.G	27
PHEAT-17	proteomics_heat	52448	52498	-	6	2	R.GKADVGSFITALNLAIK.M	21
PHEAT-18	proteomics_heat	52595	52657	-	6	2	K.YLDNADAVLAMYHDQGLPVLK.Y	25
PHEAT-19	proteomics_heat	53108	53173	-	6	3	R.APVTAGQLAVENGHYVVETLAR.A	26
PHEAT-20	proteomics_heat	53449	53490	-	5	4	R.KFSEEAASWMQEQR.A	18
PHEAT-21	proteomics_heat	53515	53550	-	5	3	R.NVDKTDAAQKDR.A	16
PHEAT-22	proteomics_heat	53551	53616	-	5	2	K.GQMSAPVHSSFGWHLIELLDTR.N	26
PHEAT-23	proteomics_heat	53641	53724	-	5	3	K.EFSQDPGSANQGGDLGWATPDIFDPAFR.D	32
PHEAT-24	proteomics_heat	53758	53790	-	5	4	R.VKLEQIAADIK.S	15
PHEAT-25	proteomics_heat	53791	53838	-	5	2	R.HILLKPSPIMTDEQAR.V	20
PHEAT-26	proteomics_heat	53839	53868	-	5	2	K.NISVTEVHAR.H	14
PHEAT-27	proteomics_heat	53896	53922	-	5	2	R.SGVGFHILK.V	13
PHEAT-28	proteomics_heat	53923	53949	-	5	4	K.KGDIVGPIR.S	13

PHEAT-29	proteomics_heat	53950	53997	-	5	3	R.IQELPGIFAQALSTAK.K	20
PHEAT-30	proteomics_heat	53998	54060	-	5	6	K.LAIAHSADQQALNGGQMGWGR.I	25
PHEAT-31	proteomics_heat	54277	54300	-	5	2	K.EMIISEVR.N	12
PHEAT-32	proteomics_heat	54316	54351	-	5	2	R.LAYDGLNYNTYR.N	16
PHEAT-33	proteomics_heat	54388	54432	-	5	5	K.ISDEQLDQAIANIAK.Q	19
PHEAT-34	proteomics_heat	54553	54621	-	5	4	K.VAAVVNNGVVLESDVDGLMQSVK.L	27
PHEAT-35	proteomics_heat	54788	54832	-	6	3	R.GLSSNYGLGTQEMLR.S	19
PHEAT-36	proteomics_heat	55022	55072	-	6	3	K.NGISQVGAVASWPIADR.W	21
PHEAT-37	proteomics_heat	55100	55138	-	6	2	R.YASPEYIQTLPK.Y	17
PHEAT-38	proteomics_heat	55175	55216	-	6	3	R.LDNVATSNSSIEYR.R	18
PHEAT-39	proteomics_heat	55388	55414	-	6	4	R.IYDDAAVER.F	13
PHEAT-40	proteomics_heat	55415	55456	-	6	3	R.IASANQVTTGVTSR.I	18
PHEAT-41	proteomics_heat	55484	55549	-	6	20	R.DQSDIYNYDSSLLQSDYSGLFR.D	26
PHEAT-42	proteomics_heat	55577	55624	-	6	3	R.DMEMLAPGYTQTLEPR.A	20
PHEAT-43	proteomics_heat	55703	55753	-	6	3	K.LLATHYQQTNLDWYNSR.N	21
PHEAT-44	proteomics_heat	55754	55822	-	6	9	R.VHLEPTINLPLSNNWGSINTEAK.L	27
PHEAT-45	proteomics_heat	55823	55846	-	6	2	R.DDMPEATR.V	12
PHEAT-46	proteomics_heat	55847	55882	-	6	6	R.IYGQAVHFVNTR.D	16
PHEAT-47	proteomics_heat	56036	56071	-	6	4	K.YGSSTDGYATQK.F	16
PHEAT-48	proteomics_heat	56072	56110	-	6	2	K.VSDPSYFNDFDNK.Y	17
PHEAT-49	proteomics_heat	56111	56131	-	6	2	R.FNVDYTK.V	11
PHEAT-50	proteomics_heat	56441	56497	-	6	7	K.VGPVPFIFYSPYLQLPVGDK.R	23
PHEAT-51	proteomics_heat	56441	56503	-	6	3	R.FKVGVPFIFYSPYLQLPVGDK.R	25
PHEAT-52	proteomics_heat	56675	56716	-	6	2	K.DTNVWEGDYQMVGR.Q	18
PHEAT-53	proteomics_heat	56750	56803	-	6	4	R.TVDALGNVHYDDNQVILK.G	22
PHEAT-54	proteomics_heat	56804	56833	-	6	2	K.EAPGQPEPVR.T	14
PHEAT-55	proteomics_heat	56834	56866	-	6	6	R.LQADEVQLHQK.E	15
PHEAT-56	proteomics_heat	56930	57037	-	6	3	A.ADLASQCMLGVPSYDRPLVQGDNDLPVTINADHAK.G	40
PHEAT-57	proteomics_heat	60200	60232	-	6	2	R.LEEHKDSVMTR.I	15
PHEAT-58	proteomics_heat	60436	60468	-	5	2	R.DDELTAIESNR.Q	15
PHEAT-59	proteomics_heat	60436	60474	-	5	2	N.IRDELTAIESNR.Q	17
PHEAT-60	proteomics_heat	60574	60639	-	5	8	K.LVNAVQQDVHAILQLGEAQIEK.S	26
PHEAT-61	proteomics_heat	60676	60723	-	5	2	K.NGNLAAQVEFETFNR.Q	20
PHEAT-62	proteomics_heat	60850	60909	-	5	3	R.NGLDLILSGDTGSSTISLLK.N	24
PHEAT-63	proteomics_heat	61171	61203	-	5	2	R.LLEIHSNGGEK.A	15
PHEAT-64	proteomics_heat	61261	61344	-	5	5	R.TIYDSVYNDLINYLASPDQTEGFDDLK.N	32
PHEAT-65	proteomics_heat	61345	61395	-	5	3	R.WYHEGLDAFEHTCPTGR.T	21
PHEAT-66	proteomics_heat	61396	61419	-	5	2	K.TAQSVLVR.W	12
PHEAT-67	proteomics_heat	61420	61467	-	5	8	R.IGQAHDIIQHVPYLEK.T	20
PHEAT-68	proteomics_heat	61486	61554	-	5	4	R.NFQFASHMVMFDLPFNPDLLEQR.I	27
PHEAT-69	proteomics_heat	61636	61674	-	5	4	R.AAVFHEGMSIIE.R	17
PHEAT-70	proteomics_heat	61693	61728	-	5	2	K.AATALQLEQVLR.E	16
PHEAT-71	proteomics_heat	61918	61953	-	5	2	K.LPLPTQYQTAIK.V	16
PHEAT-72	proteomics_heat	62065	62172	-	5	3	K.LSNDELNMLGEMIGEQDIEPLLQAANSSEDAQSAR.Q	40
PHEAT-73	proteomics_heat	62173	62223	-	5	6	K.NYRPVADAVAMLLAGNK.L	21
PHEAT-74	proteomics_heat	62224	62259	-	5	5	R.FHDFAQFVEEQK.N	16

PHEAT-75	proteomics_heat	62284	62382	-	5	2	R.EYQAIEQLAEHVPGVLLLTATPEQLGMESHFAR.L	37
PHEAT-76	proteomics_heat	62485	62562	-	5	4	R.YAEAQHDAYNPFDEQLVICSLDFAR.R	30
PHEAT-77	proteomics_heat	62659	62715	-	5	2	K.TIEAGMILHQQLLSGAAER.V	23
PHEAT-78	proteomics_heat	72625	72678	-	5	3	F.SHLTVAQNIGLGLNPLK.L	22
PHEAT-79	proteomics_heat	73812	73844	-	4	3	Y.RAGNLGAEELR.L	15
PHEAT-80	proteomics_heat	74539	74595	-	5	8	K.LTKPATTLEFTPAEVAQR.Q	23
PHEAT-81	proteomics_heat	74596	74664	-	5	2	Q.NAIPTGNWMPVANVTLPAGFEK.L	27
PHEAT-82	proteomics_heat	74698	74733	-	5	4	R.TAASKQPELAQK.F	16
PHEAT-83	proteomics_heat	74734	74799	-	5	5	K.KDNYAAANFSEGHYLQVEVAAR.T	26
PHEAT-84	proteomics_heat	74800	74862	-	5	7	K.GESDLVLSYTTSPAYHILEEK.K	25
PHEAT-85	proteomics_heat	74863	74895	-	5	4	K.GWSEAYGLFLK.G	15
PHEAT-86	proteomics_heat	74962	75003	-	5	3	R.TSTPGLGLLLWMQK.V	18
PHEAT-87	proteomics_heat	75025	75054	-	5	2	K.ELVESDQNR.V	14
PHEAT-88	proteomics_heat	75205	75255	-	5	4	K.ADVVLGLDNNLLDAASK.T	21
PHEAT-89	proteomics_heat	75283	75321	-	5	3	K.LVALEDGVSLNLR.L	17
PHEAT-90	proteomics_heat	75322	75354	-	5	4	K.AFEADCNCELK.L	15
PHEAT-91	proteomics_heat	75322	75357	-	5	5	K.KAFEADCNCELK.L	16
PHEAT-92	proteomics_heat	78869	78922	-	6	3	D.SIGLTLQHDDAIAAYEAK.Q	22
PHEAT-93	proteomics_heat	78869	78946	-	6	14	R.HCMMNGLDSIGLTLQHDDAIAAYEAK.Q	30
PHEAT-94	proteomics_heat	78992	79042	-	6	8	K.ANPGIHFDVDLEAQEVK.A	21
PHEAT-95	proteomics_heat	79043	79084	-	6	9	K.LSDAEVDELFAVK.A	18
PHEAT-96	proteomics_heat	79085	79156	-	6	12	K.VVIAPSFADIFYGNSFNQLLPVK.L	28
PHEAT-97	proteomics_heat	79157	79195	-	6	6	R.EHAPWALTDYGFK.V	17
PHEAT-98	proteomics_heat	79223	79294	-	6	9	K.GQQPNPDFVLNFPQYQGASILLAR.E	28
PHEAT-99	proteomics_heat	79310	79345	-	6	4	R.TGFGAHLFNDWR.F	16
PHEAT-100	proteomics_heat	79370	79432	-	6	7	K.HTGLVVPLDAANVDTDAIIPK.Q	25
PHEAT-101	proteomics_heat	79476	79541	-	4	49	R.THLVSPAMAAAAAVTGHFADIR.N	26
PHEAT-102	proteomics_heat	79476	79571	-	4	5	N.FEGRQGRGRTHLVSPAMAAAAAVTGHFADIR.N	36
PHEAT-103	proteomics_heat	79491	79541	-	4	3	R.THLVSPAMAAAAAVTGH.F	21
PHEAT-104	proteomics_heat	79614	79655	-	4	7	R.LPGCSMCLAMNDR.L	18
PHEAT-105	proteomics_heat	79686	79715	-	4	3	K.AQAEAEGLDK.I	14
PHEAT-106	proteomics_heat	79716	79766	-	4	7	K.VAPGVQALVVPKSGPVK.A	21
PHEAT-107	proteomics_heat	79716	79769	-	4	15	R.KVAPGVQALVVPKSGPVK.A	22
PHEAT-108	proteomics_heat	79812	79841	-	4	2	K.VFIGSCTNSR.I	14
PHEAT-109	proteomics_heat	79842	79889	-	4	4	Y.MGLKPGIPLTEVAIDK.V	20
PHEAT-110	proteomics_heat	79842	79901	-	4	12	K.ALAYMGLKPGIPLTEVAIDK.V	24
PHEAT-111	proteomics_heat	80076	80111	-	4	7	K.GKDFDDAVAYWK.T	16
PHEAT-112	proteomics_heat	80133	80177	-	4	8	K.AGLVAPDETTFNYVK.G	19
PHEAT-113	proteomics_heat	80178	80216	-	4	4	R.MTLCNMAIEMGAK.A	17
PHEAT-114	proteomics_heat	80217	80294	-	4	2	K.TGSAGGTGHVVEFCGEAIRDLSMEGR.M	30
PHEAT-115	proteomics_heat	80238	80294	-	4	15	K.TGSAGGTGHVVEFCGEAIR.D	23
PHEAT-116	proteomics_heat	80295	80321	-	4	2	K.DIVLAIIGK.T	13
PHEAT-117	proteomics_heat	80388	80438	-	4	3	F.GIGTSEVEHVLATQTLK.Q	21
PHEAT-118	proteomics_heat	80625	80654	-	4	12	K.DINACGEMAR.I	14
PHEAT-119	proteomics_heat	80655	80696	-	4	14	K.TFATMDHNVSTQTK.D	18
PHEAT-120	proteomics_heat	80730	80777	-	4	6	R.HLVHEVTSPQAFDGLR.A	20

PHEAT-121	proteomics_heat	80778	80840	-	4	29	K.LFDAHVVEAEENETPLLYIDR.H	25
PHEAT-122	proteomics_heat	80888	80935	-	6	17	R.GAAAVSTDEMGIAR.Y	20
PHEAT-123	proteomics_heat	80987	81028	-	6	11	R.YSLDADDAACAIER.A	18
PHEAT-124	proteomics_heat	81029	81079	-	6	60	K.NIANPIAQILSLALLLR.Y	21
PHEAT-125	proteomics_heat	81254	81340	-	6	4	R.EIVNEIATEYDPVELAHMYIDNATMQLIK.D	33
PHEAT-126	proteomics_heat	81290	81340	-	6	2	R.EIVNEIATEYDPVELAH.M	21
PHEAT-127	proteomics_heat	81341	81373	-	6	5	K.ANVLQSSILWR.E	15
PHEAT-128	proteomics_heat	81452	81478	-	6	3	K.AFDTEVYHR.F	13
PHEAT-129	proteomics_heat	81509	81544	-	6	4	R.ELTGGIYFGQPK.G	16
PHEAT-130	proteomics_heat	81545	81586	-	6	9	R.ADIAANGFDILCVR.E	18
PHEAT-131	proteomics_heat	81587	81622	-	6	6	K.LYQGLEAFCLR.A	16
PHEAT-132	proteomics_heat	81623	81649	-	6	2	K.LFSNLRPAK.L	13
PHEAT-133	proteomics_heat	81683	81718	-	6	26	K.WEHLPPDQQPER.G	16
PHEAT-134	proteomics_heat	81719	81847	-	6	2	R.ITTSHYDVGGAAIDNHGQPLPPATVEGCEQADAVLFGSVGGPK.W	47
PHEAT-135	proteomics_heat	81884	81940	-	6	2	H.IAVLPGDGIGPEVMTQALK.V	23
PHEAT-136	proteomics_heat	81884	81949	-	6	17	K.NYHIAVLPGDGIGPEVMTQALK.V	26
PHEAT-137	proteomics_heat	81884	81955	-	6	7	M.SKNYHIAVLPGDGIGPEVMTQALK.V	28
PHEAT-138	proteomics_heat	81997	82026	-	5	4	R.AAEVEKELQR.K	14
PHEAT-139	proteomics_heat	82027	82059	-	5	13	K.AMVHVLNNIWR.A	15
PHEAT-140	proteomics_heat	82060	82107	-	5	25	R.FHGVGLATDIVESSAK.A	20
PHEAT-141	proteomics_heat	82060	82110	-	5	7	R.RFHGVGLATDIVESSAK.A	21
PHEAT-142	proteomics_heat	82111	82155	-	5	17	K.DALGQVDIVANYNGR.R	19
PHEAT-143	proteomics_heat	82186	82215	-	5	4	R.ITEYNVELVK.Y	14
PHEAT-144	proteomics_heat	82216	82272	-	5	12	K.AEAANGNPGVDAVYQAINR.I	23
PHEAT-145	proteomics_heat	82297	82353	-	5	17	R.LDYFSVQSGSNDIATAAVK.L	23
PHEAT-146	proteomics_heat	82381	82428	-	5	77	K.GQVFDYDLEALAFIGK.Q	20
PHEAT-147	proteomics_heat	82381	82431	-	5	13	K.KGQVFDYDLEALAFIGK.Q	21
PHEAT-148	proteomics_heat	82444	82488	-	5	12	K.ESEYNLDNLYDAFLK.L	19
PHEAT-149	proteomics_heat	82444	82509	-	5	6	R.MDEMGYKESEYNLDNLYDAFLK.L	26
PHEAT-150	proteomics_heat	82537	82605	-	5	4	R.ENYEIMTPESIGLNQIQLNLTSR.S	27
PHEAT-151	proteomics_heat	82537	82611	-	5	16	K.NRENYEIMTPESIGLNQIQLNLTSR.S	29
PHEAT-152	proteomics_heat	82612	82644	-	5	2	H.SSGIHQDGVLK.N	15
PHEAT-153	proteomics_heat	82612	82674	-	5	22	K.AIVGSGAFAHSSGIHQDGVLK.N	25
PHEAT-154	proteomics_heat	82612	82701	-	5	6	I.CNMPIPANKAIVGSGAFAHSSGIHQDGVLK.N	34
PHEAT-155	proteomics_heat	82675	82725	-	5	9	R.TSQLVSQICNMPIPANK.A	21
PHEAT-156	proteomics_heat	82726	82773	-	5	9	K.DILNVHTAINHQEIWR.T	20
PHEAT-157	proteomics_heat	82783	82824	-	5	16	R.AGNCSLEEVIMAIK.V	18
PHEAT-158	proteomics_heat	82825	82860	-	5	2	R.QVEGAMNGIGER.A	16
PHEAT-159	proteomics_heat	82861	82941	-	5	406	K.AIISVHTHDDLGLAVGNSLAAVHAGAR.Q	31
PHEAT-160	proteomics_heat	83071	83094	-	5	2	R.TPIADLAR.V	12
PHEAT-161	proteomics_heat	83095	83139	-	5	15	R.NYTDDVEFSCEDAGR.T	19
PHEAT-162	proteomics_heat	83167	83193	-	5	2	R.STLDEVIER.A	13
PHEAT-163	proteomics_heat	83167	83199	-	5	2	K.LRSTLDEVIER.A	15
PHEAT-164	proteomics_heat	83200	83244	-	5	5	R.IHTFIATSPMHIATK.L	19
PHEAT-165	proteomics_heat	83263	83292	-	5	8	K.DIDVAAESLK.V	14
PHEAT-166	proteomics_heat	83263	83304	-	5	4	R.CVEKDIDVAAESLK.V	18

PHEAT-167	proteomics_heat	83341	83418	-	5	15	R.MGVDVMEVGFVSSPGDFESVQTIAR.Q	30
PHEAT-168	proteomics_heat	83419	83451	-	5	2	K.EKLQIALALER.M	15
PHEAT-169	proteomics_heat	83452	83490	-	5	9	R.DGEQALQASLSVK.E	17
PHEAT-170	proteomics_heat	83452	83526	-	5	20	M.SQQVIIFDITLRDGEQALQASLSVK.E	29
PHEAT-171	proteomics_heat	83491	83526	-	5	2	M.SQQVIIFDITLR.D	16
PHEAT-172	proteomics_heat	95184	95243	-	4	13	R.DTRKRAKTFQMRRQCQVVDQR.S	24
PHEAT-173	proteomics_heat	102489	102545	-	4	2	L.AIEVCCVVYPLKQMPSLR.F	23
PHEAT-174	proteomics_heat	111652	111708	-	5	4	R.IPSSGDLSESDDWSEEPKQ.-	23
PHEAT-175	proteomics_heat	111757	111804	-	5	2	K.TVVWGEISPFRRPFCSK.R	20
PHEAT-176	proteomics_heat	111883	111924	-	5	2	R.FMPLDTENGQVPER.L	18
PHEAT-177	proteomics_heat	111943	111993	-	5	4	R.LNLSLDSQLYPQISGHK.S	21
PHEAT-178	proteomics_heat	112558	112599	-	5	3	V.MQTQVLFEPHLEK.M	18
PHEAT-179	proteomics_heat	112656	112724	-	4	4	R.LAVADDVIDNNGAPDAIASDVAR.L	27
PHEAT-180	proteomics_heat	112734	112772	-	4	3	R.EHVEQILAAQATR.E	17
PHEAT-181	proteomics_heat	112800	112841	-	4	2	R.VLVVDVSPETQLKR.T	18
PHEAT-182	proteomics_heat	117761	117790	-	6	3	K.HVQALDLSMR.F	14
PHEAT-183	proteomics_heat	117965	118039	-	6	3	K.ASWLHPDAPVEVEVENLEELDEALK.A	29
PHEAT-184	proteomics_heat	118055	118087	-	6	5	K.ENHIIASGSVR.Q	15
PHEAT-185	proteomics_heat	118244	118288	-	6	2	R.TALNFVQTLSGVASK.V	19
PHEAT-186	proteomics_heat	118502	118549	-	6	7	R.EDLGGTVDANNDITAK.L	20
PHEAT-187	proteomics_heat	118502	118591	-	6	2	R.INLDIPGAVAQALREDLGGTVDANNDITAK.L	34
PHEAT-188	proteomics_heat	120364	120393	-	5	2	R.AKQEQQVVTR.F	14
PHEAT-189	proteomics_heat	120586	120624	-	5	5	R.MLFLAQQGNAPK.A	17
PHEAT-190	proteomics_heat	121516	121548	-	5	2	M.MEGQQHGEQLK.R	15
PHEAT-191	proteomics_heat	123341	123394	-	6	9	T.EEVVKAHIINGCGRLEGR.H	22
PHEAT-192	proteomics_heat	134860	134901	-	5	2	Y.MFHTKPEDLTDSEER.Q	18
PHEAT-193	proteomics_heat	134860	134907	-	5	2	K.HYMFHTKPEDLTDSEER.Q	20
PHEAT-194	proteomics_heat	134935	134991	-	5	5	K.ALYDMVDVNVYQENIFHTK.M	23
PHEAT-195	proteomics_heat	134992	135048	-	5	16	K.HFIDHEINSIQNFMSDDMK.A	23
PHEAT-196	proteomics_heat	135085	135141	-	5	29	K.ALNYLIHQLESIDIVTIDYR.V	23
PHEAT-197	proteomics_heat	135142	135186	-	5	3	R.ADIEVSTCGVISPLK.A	19
PHEAT-198	proteomics_heat	135250	135300	-	5	4	K.TEHPGPLPETVVAHLDK.S	21
PHEAT-199	proteomics_heat	135250	135312	-	5	9	K.LIDKTEHPGPLPETVVAHLDK.S	25
PHEAT-200	proteomics_heat	135313	135378	-	5	3	R.QDYEPQGASVTILVSEEPVDPK.L	26
PHEAT-201	proteomics_heat	135379	135441	-	5	6	R.LTEILSETCSIIGANILNIAR.Q	25
PHEAT-202	proteomics_heat	135442	135486	-	5	12	R.DGYIAYIDELYNANR.L	19
PHEAT-203	proteomics_heat	135502	135540	-	5	3	K.SLSFCIYDICYAK.T	17
PHEAT-204	proteomics_heat	135601	135678	-	5	3	R.YYNPAIHTAAFALPQYLQDALASQPS.-	30
PHEAT-205	proteomics_heat	135706	135735	-	5	10	R.HLSTEIIQAR.F	14
PHEAT-206	proteomics_heat	135805	135843	-	5	5	R.KLSHYFSDVGFYQ.A	17
PHEAT-207	proteomics_heat	135841	135924	-	5	2	R.CLNPGGIFVAQNGVCFLQEEAIDSHRK.L	32
PHEAT-208	proteomics_heat	136066	136110	-	5	2	R.QYLPNHNAGSYDDPR.F	19
PHEAT-209	proteomics_heat	136186	136227	-	5	9	K.HVLIIGGGDGAMLR.E	18
PHEAT-210	proteomics_heat	136330	136377	-	5	26	K.TDHQDLIIFENAAFGR.V	20
PHEAT-211	proteomics_heat	136378	136449	-	5	4	K.QWHETLHDQFGQYFAVDNVLYHEK.T	28
PHEAT-212	proteomics_heat	138931	138981	-	5	2	R.LPAGGQATPMTYEVNGK.Q	21

PHEAT-213	proteomics_heat	140194	140277	-	5	2	K.GVLNLQSNMPDTPKGLYEPTSPPIITDK.T	32
PHEAT-214	proteomics_heat	140362	140403	-	5	2	K.AETASPEVMADCP.R	18
PHEAT-215	proteomics_heat	140428	140460	-	5	2	K.TNESFQHVTCR.G	15
PHEAT-216	proteomics_heat	142077	142103	-	4	20	R.DLDVTATNR.E	13
PHEAT-217	proteomics_heat	142104	142151	-	4	2	K.VTIHGWYGIHDGLLR.D	20
PHEAT-218	proteomics_heat	142164	142199	-	4	4	N.LGHSTIMQSAWK.R	16
PHEAT-219	proteomics_heat	142164	142220	-	4	2	N.VMEQVYNLGHSTIMQSAWK.R	23
PHEAT-220	proteomics_heat	142164	142244	-	4	28	R.LDTLCELNVMEQVYNLGHSTIMQSAWK.R	31
PHEAT-221	proteomics_heat	142248	142283	-	4	8	K.HSSLLGEMPQER.R	16
PHEAT-222	proteomics_heat	142479	142517	-	4	7	R.LTGLEPGELFVHR.N	17
PHEAT-223	proteomics_heat	142533	142562	-	4	3	R.FLWIGCSDSR.V	14
PHEAT-224	proteomics_heat	142587	142622	-	4	6	K.MLVEEDPGFFEK.L	16
PHEAT-225	proteomics_heat	142623	142664	-	4	5	K.DIDTLISNNALWSK.M	18
PHEAT-226	proteomics_heat	142623	142670	-	4	9	S.MKDIDTLISNNALWSK.M	20
PHEAT-227	proteomics_heat	146347	146397	-	5	12	R.TWRPNVAYFEGDNEMKR.T	21
PHEAT-228	proteomics_heat	146350	146397	-	5	4	R.TWRPNVAYFEGDNEMK.R	20
PHEAT-229	proteomics_heat	146503	146532	-	5	6	R.FSTYIAAER.G	14
PHEAT-230	proteomics_heat	146533	146616	-	5	2	C.AIDQDFLDAAGILENEAIDIWNVVTNGKR.F	32
PHEAT-231	proteomics_heat	146533	146619	-	5	2	S.CAIDQDFLDAAGILENEAIDIWNVVTNGKR.F	33
PHEAT-232	proteomics_heat	146623	146652	-	5	7	K.VTHADLHYEG.S	14
PHEAT-233	proteomics_heat	146623	146658	-	5	4	R.VKVTHADLHYEG.S	16
PHEAT-234	proteomics_heat	148016	148057	-	6	3	R.DADTLLEVSETSKR.A	18
PHEAT-235	proteomics_heat	148019	148057	-	6	6	R.DADTLLEVSETSK.R	17
PHEAT-236	proteomics_heat	148088	148135	-	6	11	R.DLDEIITIAGQELNEK.G	20
PHEAT-237	proteomics_heat	148136	148177	-	6	9	K.VLSSIADKLQAGER.D	18
PHEAT-238	proteomics_heat	148136	148198	-	6	2	K.IAPGLYKVLSSIADKLQAGER.D	25
PHEAT-239	proteomics_heat	148202	148228	-	6	5	R.NGYLTAEQR.K	13
PHEAT-240	proteomics_heat	148229	148252	-	6	5	K.DGLALSSR.N	12
PHEAT-241	proteomics_heat	148229	148258	-	6	6	R.AKDGLALSSR.N	14
PHEAT-242	proteomics_heat	148259	148312	-	6	9	K.MVADMGFDIEIVGVPIMR.A	22
PHEAT-243	proteomics_heat	148316	148387	-	6	6	K.LFNLVQPDIACFGEKDFQQLALIR.K	28
PHEAT-244	proteomics_heat	148316	148390	-	6	2	S.KLFNLVQPDIACFGEKDFQQLALIR.K	29
PHEAT-245	proteomics_heat	148343	148387	-	6	5	K.LFNLVQPDIACFGEK.D	19
PHEAT-246	proteomics_heat	148412	148507	-	6	5	K.EIYPNGTETHTYVDVPLSTMLEGASRPGHFR.G	36
PHEAT-247	proteomics_heat	148508	148540	-	6	4	R.KVDLVFAPSVK.E	15
PHEAT-248	proteomics_heat	148679	148726	-	6	6	R.VALVPTMGNLHDGHMK.L	20
PHEAT-249	proteomics_heat	148810	148866	-	5	6	R.QYMAEVESGVYPGEEHSFH.-	23
PHEAT-250	proteomics_heat	148879	148908	-	5	2	K.NFLAETGDIR.A	14
PHEAT-251	proteomics_heat	148918	149010	-	5	4	I.PVIGIGAGNVTDGQILVMHDAFGITGGHIPK.F	35
PHEAT-252	proteomics_heat	148918	149031	-	5	13	R.ITEALAIPIVIGIGAGNVTDGQILVMHDAFGITGGHIPK.F	42
PHEAT-253	proteomics_heat	148918	149034	-	5	2	K.RITEALAIPIVIGIGAGNVTDGQILVMHDAFGITGGHIPK.F	43
PHEAT-254	proteomics_heat	149035	149082	-	5	8	A.GAQLLVLECVPELAK.R	20
PHEAT-255	proteomics_heat	149035	149136	-	5	120	R.GDEAGDQLLSDALALEAAGAQLLVLECVPELAK.R	38
PHEAT-256	proteomics_heat	149149	149208	-	5	2	V.PVCGHLGLTPQSVNIFGGYK.V	24
PHEAT-257	proteomics_heat	149149	149214	-	5	10	R.AVPVCGHLGLTPQSVNIFGGYK.V	26
PHEAT-258	proteomics_heat	149215	149265	-	5	66	K.IEGGEWLIVETVQMLTER.A	21

PHEAT-259	proteomics_heat	149287	149346	-	5	3	L.PFMAYATPEQAFENAATVMR.A	24
PHEAT-260	proteomics_heat	149287	149349	-	5	4	D.LPFMAYATPEQAFENAATVMR.A	25
PHEAT-261	proteomics_heat	149287	149367	-	5	5	N.CLLLADLPMAYATPEQAFENAATVMR.A	31
PHEAT-262	proteomics_heat	149287	149379	-	5	13	R.GAPNCLLLADLPMAYATPEQAFENAATVMR.A	35
PHEAT-263	proteomics_heat	149287	149382	-	5	5	R.RGAPNCLLLADLPMAYATPEQAFENAATVMR.A	36
PHEAT-264	proteomics_heat	149509	149547	-	5	3	R.FATTITAYDYSFAK.L	17
PHEAT-265	proteomics_heat	149569	149601	-	5	12	V.MKPPTTISLLQK.Y	15
PHEAT-266	proteomics_heat	158053	158130	-	5	2	K.IAQESGLTYHDAFALAMNDVLDEACR.S	30
PHEAT-267	proteomics_heat	158284	158334	-	5	2	K.LLCEYHLFQPLFPTITR.Y	21
PHEAT-268	proteomics_heat	158755	158805	-	5	9	R.LAHVMFGPEIIEVATFR.G	21
PHEAT-269	proteomics_heat	158848	158889	-	5	7	K.DFDVTTNATPEQVR.K	18
PHEAT-270	proteomics_heat	158977	159003	-	5	2	R.KDISENALK.V	13
PHEAT-271	proteomics_heat	159025	159093	-	5	2	K.VLSREESEAEQAVARPQVTVIPR.E	27
PHEAT-272	proteomics_heat	160188	160217	-	4	2	R.PTADLCIDCK.T	14
PHEAT-273	proteomics_heat	160188	160229	-	4	5	R.LEARPTADLCIDCK.T	18
PHEAT-274	proteomics_heat	160188	160232	-	4	2	R.RLEARPTADLCIDCK.T	19
PHEAT-275	proteomics_heat	160344	160379	-	4	2	R.AAQEEEFSLRLR.N	16
PHEAT-276	proteomics_heat	160380	160433	-	4	12	R.TVTHMQDEANFPDPVDR.A	22
PHEAT-277	proteomics_heat	160434	160460	-	4	4	R.NQLRDEVDR.T	13
PHEAT-278	proteomics_heat	160482	160580	-	4	14	K.TSSLSILAIAGVEPYQEKPGEEYMNEAQLAHR.R	37
PHEAT-279	proteomics_heat	160482	160583	-	4	9	R.KTSSLSILAIAGVEPYQEKPGEEYMNEAQLAHR.R	38
PHEAT-280	proteomics_heat	174046	174087	-	5	3	K.IIGGGMPVGFAGGR.R	18
PHEAT-281	proteomics_heat	174151	174210	-	5	25	R.ALCDEFGALLIIDEVMTGFR.V	24
PHEAT-282	proteomics_heat	174361	174426	-	5	4	K.AGSGALTLGQPNSPGVPADFAK.Y	26
PHEAT-283	proteomics_heat	174427	174453	-	5	2	H.GHADCLLVK.A	13
PHEAT-284	proteomics_heat	174427	174471	-	5	3	K.FEGCYHGHADCLLVK.A	19
PHEAT-285	proteomics_heat	174511	174552	-	5	2	R.MVNSGTEATMSAIR.L	18
PHEAT-286	proteomics_heat	174553	174600	-	5	2	K.MAQLVTELVPMTDMVR.M	20
PHEAT-287	proteomics_heat	174601	174639	-	5	5	R.GLSFGAPTEMEVK.M	17
PHEAT-288	proteomics_heat	174667	174732	-	5	8	K.AYIDYVGSWGPMVLGHNHPAIR.N	26
PHEAT-289	proteomics_heat	174733	174768	-	5	4	K.ADGAYLYDVDGK.A	16
PHEAT-290	proteomics_heat	174769	174810	-	5	5	R.AFTGVGGTPLFIEK.A	18
PHEAT-291	proteomics_heat	174847	174879	-	5	4	M.SKSENLYSAAR.E	15
PHEAT-292	proteomics_heat	178470	178505	-	4	3	K.QSSLMVESLVQK.L	16
PHEAT-293	proteomics_heat	178506	178574	-	4	4	R.AISDVADQQSHLSFDEFLAVAAK.Q	27
PHEAT-294	proteomics_heat	178575	178613	-	4	2	H.VCHNFNVFVVR.A	17
PHEAT-295	proteomics_heat	178728	178781	-	4	5	K.LIAAAEACIAELNLNAVR.G	22
PHEAT-296	proteomics_heat	178728	178793	-	4	7	K.ADDKLIAAAEACIAELNLNAVR.G	26
PHEAT-297	proteomics_heat	178794	178865	-	4	6	R.YHDADVTAFGYEQQLPGCPAGFK.A	28
PHEAT-298	proteomics_heat	178866	178898	-	4	6	K.VGDIVVSDER.Y	15
PHEAT-299	proteomics_heat	178899	178997	-	4	80	K.VAAALGATLLLEHCKPDVIINTGSAGGLAPTLK.V	37
PHEAT-300	proteomics_heat	179103	179147	-	4	14	K.IGIIGAMEEEVTLRLR.D	19
PHEAT-301	proteomics_heat	183724	183753	-	5	3	K.ISEIEADLEK.L	14
PHEAT-302	proteomics_heat	183754	183780	-	5	12	R.HLESVVTNK.I	13
PHEAT-303	proteomics_heat	183829	183864	-	5	3	R.YIIDELDQICQR.D	16
PHEAT-304	proteomics_heat	183865	183894	-	5	2	K.EVQEISPNLR.Y	14

PHEAT-305	proteomics_heat	183865	183933	-	5	3	R.KTVVADGVGQGYKEVQEISPNLR.Y	27
PHEAT-306	proteomics_heat	183895	183930	-	5	2	K.TVVADGVGQGYK.E	16
PHEAT-307	proteomics_heat	183895	183933	-	5	2	R.KTVVADGVGQGYK.E	17
PHEAT-308	proteomics_heat	183964	183987	-	5	2	K.DKGEFFAK.S	12
PHEAT-309	proteomics_heat	184042	184077	-	5	2	K.SLGITNPEEIDR.Y	16
PHEAT-310	proteomics_heat	185135	185158	-	6	2	K.VGINELLR.T	12
PHEAT-311	proteomics_heat	185135	185164	-	6	7	R.GKVGINELLR.T	14
PHEAT-312	proteomics_heat	185186	185215	-	6	2	K.YSLYCAVIVK.K	14
PHEAT-313	proteomics_heat	185216	185269	-	6	20	R.VPAGSVVVSGNLPSKD GK.Y	22
PHEAT-314	proteomics_heat	185225	185269	-	6	8	R.VPAGSVVVSGNLPSK.D	19
PHEAT-315	proteomics_heat	185270	185296	-	6	6	R.ETGEIHYGR.V	13
PHEAT-316	proteomics_heat	185270	185308	-	6	7	R.IYDRETGEIHYGR.V	17
PHEAT-317	proteomics_heat	185387	185485	-	6	78	K.NVHLSGGVIGGVLEPLQANPTIIEDNCFIGAR.S	37
PHEAT-318	proteomics_heat	185486	185590	-	6	11	R.NTVLMPYSYVNIGAYVDEGTMVDTWATVGSCAQIGK.N	39
PHEAT-319	proteomics_heat	185657	185680	-	6	2	K.FADYDEAR.F	12
PHEAT-320	proteomics_heat	185681	185704	-	6	6	R.YFDKVP MK.F	12
PHEAT-321	proteomics_heat	185705	185743	-	6	19	R.INDNQVIEGAESR.Y	17
PHEAT-322	proteomics_heat	185744	185767	-	6	2	K.KAVLLSFR.I	12
PHEAT-323	proteomics_heat	185765	185803	-	6	2	K.IDGQWVTHQWLKK.A	17
PHEAT-324	proteomics_heat	185768	185803	-	6	12	K.IDGQWVTHQWLK.K	16
PHEAT-325	proteomics_heat	185768	185815	-	6	4	R.VAEKIDGQWVTHQWLK.K	20
PHEAT-326	proteomics_heat	185816	185863	-	6	35	R.EAVNQVIALLD SGALR.V	20
PHEAT-327	proteomics_heat	185864	185902	-	6	7	R.AEITPANADTVTR.E	17
PHEAT-328	proteomics_heat	185864	185905	-	6	25	R.RAEITPANADTVTR.E	18
PHEAT-329	proteomics_heat	185906	185947	-	6	30	T.MQQLQNIETA FER.R	18
PHEAT-330	proteomics_heat	186014	186052	-	6	3	R.ALNNELQQEVHQR.L	17
PHEAT-331	proteomics_heat	186017	186055	-	6	2	R.RALNNELQQEVHQ.R	17
PHEAT-332	proteomics_heat	186536	186595	-	6	2	R.HLLQHDL SKPLVLLSPQATR.G	24
PHEAT-333	proteomics_heat	186653	186697	-	6	2	R.MDNIDEALHQIWSR.C	19
PHEAT-334	proteomics_heat	187019	187090	-	6	3	R.GGDHSILGAQDVVHFAELHGLNSR.E	28
PHEAT-335	proteomics_heat	187097	187150	-	6	2	R.LPSTELIFIAALFHDI AK.G	22
PHEAT-336	proteomics_heat	187397	187435	-	6	2	R.HLQQPLCNIP EAR.K	17
PHEAT-337	proteomics_heat	187991	188029	-	6	2	R.YHGTSYNLEPDIK.S	17
PHEAT-338	proteomics_heat	188715	188750	-	4	4	K.DDTIPAIISHDE.-	16
PHEAT-339	proteomics_heat	188715	188753	-	4	3	R.KDDTIPAIISHDE.-	17
PHEAT-340	proteomics_heat	188754	188822	-	4	4	R.SLSAQYEHTIVVTDNGCEILTLR.K	27
PHEAT-341	proteomics_heat	188871	188939	-	4	5	R.ETNVV LKPGMTFTIEPMVNAGKK.E	27
PHEAT-342	proteomics_heat	188874	188939	-	4	5	R.ETNVV LKPGMTFTIEPMVNAGK.K	26
PHEAT-343	proteomics_heat	188940	188981	-	4	15	R.GFHEEPQVLHYDSR.E	18
PHEAT-344	proteomics_heat	188982	189008	-	4	7	R.EYCGHGIGR.G	13
PHEAT-345	proteomics_heat	189009	189041	-	4	3	K.FVEAEGFSVVR.E	15
PHEAT-346	proteomics_heat	189093	189125	-	4	3	R.ITQESLYLALR.M	15
PHEAT-347	proteomics_heat	189135	189173	-	4	4	K.MFIVGKPTIMGER.L	17
PHEAT-348	proteomics_heat	189201	189239	-	4	2	K.DGDIVNIDVTVIK.D	17
PHEAT-349	proteomics_heat	189201	189248	-	4	6	K.LLKDGDIVNIDVTVIK.D	20
PHEAT-350	proteomics_heat	189249	189305	-	4	3	K.SVCISINEVVCHGIPDDAK.L	23



PHEAT-351	proteomics_heat	189306	189377	-	4	9	R.ICNDYIVNEQHAVSACLGYHGYPK.S	28
PHEAT-352	proteomics_heat	189378	189449	-	4	17	R.LAAEVLEMIPEYVKPGVSTGELDR.I	28
PHEAT-353	proteomics_heat	190474	190548	-	5	23	R.TAFTYGCSNSAQVQGHSTDCVVVTR.D	29
PHEAT-354	proteomics_heat	207252	207305	-	4	6	A.NTERCLAISSGFFLPIAR.R	22
PHEAT-355	proteomics_heat	213681	213731	-	4	3	K.ITSFSHPEIGTVVSES.-	21
PHEAT-356	proteomics_heat	213750	213794	-	4	14	R.KNVEYLVEAAGETR.E	19
PHEAT-357	proteomics_heat	213982	214029	-	5	3	K.VLNEMAADDALSEAVR.E	20
PHEAT-358	proteomics_heat	217072	217101	-	5	4	K.TGDIVEYLVK.Q	14
PHEAT-359	proteomics_heat	217135	217164	-	5	4	R.NLDNDDIEYK.Y	14
PHEAT-360	proteomics_heat	217165	217236	-	5	15	K.ERPGVMFADMELIGIPHTIVLGDR.N	28
PHEAT-361	proteomics_heat	217237	217272	-	5	6	R.AQGIEVLLDDRK.E	16
PHEAT-362	proteomics_heat	217321	217386	-	5	7	R.GIVWPDIAIPFQVAILPMNMHK.S	26
PHEAT-363	proteomics_heat	217387	217425	-	5	8	R.VVAAAIEQNYDER.G	17
PHEAT-364	proteomics_heat	217426	217470	-	5	4	R.NQILTMGCYGIGVTR.V	19
PHEAT-365	proteomics_heat	217426	217497	-	5	2	K.ASVQGEDGRNQILTMGCYGIGVTR.V	28
PHEAT-366	proteomics_heat	217516	217554	-	5	7	R.GIEVGHIFQLGTK.Y	17
PHEAT-367	proteomics_heat	217570	217611	-	5	13	R.NVVAGDPSPDGQGR.L	18
PHEAT-368	proteomics_heat	217612	217644	-	5	6	R.DVATPEVADIR.N	15
PHEAT-369	proteomics_heat	217612	217671	-	5	2	K.HYFGINWDRDVATPEVADIR.N	24
PHEAT-370	proteomics_heat	217672	217722	-	5	4	R.TVAAMSDFAAGANIDGK.H	21
PHEAT-371	proteomics_heat	217723	217779	-	5	5	K.APGSLGPNMPIPVIDR.T	23
PHEAT-372	proteomics_heat	217792	217842	-	5	5	K.LPQVASPLTFATEEEIR.A	21
PHEAT-373	proteomics_heat	217792	217851	-	5	3	K.AEKLQVASPLTFATEEEIR.A	24
PHEAT-374	proteomics_heat	217843	217878	-	5	6	R.GDHELNEVKAEK.L	16
PHEAT-375	proteomics_heat	217852	217878	-	5	9	R.GDHELNEVK.A	13
PHEAT-376	proteomics_heat	217879	217923	-	5	2	K.AVEGSSFPQVALLVR.G	19
PHEAT-377	proteomics_heat	217948	217992	-	5	14	K.TIAELVEQFNLPK.T	19
PHEAT-378	proteomics_heat	217993	218040	-	5	7	R.AAATQEMTLVDTPNAK.T	20
PHEAT-379	proteomics_heat	218227	218301	-	5	20	K.DAYSFHTSQESLQETYDAMYAAYSK.I	29
PHEAT-380	proteomics_heat	218362	218397	-	5	3	K.QLPLNFYQIQTK.F	16
PHEAT-381	proteomics_heat	218419	218478	-	5	14	R.GERPVLGPTHEEVITDLIR.N	24
PHEAT-382	proteomics_heat	218419	218490	-	5	7	R.FVDRGERPFVLGPTHEEVITDLIR.N	28
PHEAT-383	proteomics_heat	218521	218601	-	5	4	R.EEMNNAAGAEVSMPPVQPADLWQESGR.W	31
PHEAT-384	proteomics_heat	218632	218673	-	5	2	K.LASGLYTWLPTGVR.V	18
PHEAT-385	proteomics_heat	218632	218676	-	5	8	R.KLASGLYTWLPTGVR.V	19
PHEAT-386	proteomics_heat	218692	218739	-	5	6	K.ETPADAEVISHQLMLR.A	20
PHEAT-387	proteomics_heat	218704	218739	-	5	2	K.ETPADAEVISHQL.L	16
PHEAT-388	proteomics_heat	218740	218769	-	5	2	R.TSQYLLSTLK.E	14
PHEAT-389	proteomics_heat	219271	219318	-	5	2	R.STFRPNPIGMSLVELK.E	20
PHEAT-390	proteomics_heat	219636	219695	-	4	4	K.ANAVLLHSCEVTSGTPGCYR.Q	24
PHEAT-391	proteomics_heat	219729	219803	-	4	47	R.DLGEVSGDSCQASNQDSPPSIPTAR.K	29
PHEAT-392	proteomics_heat	219756	219803	-	4	2	R.DLGEVSGDSCQASNQD.S	20
PHEAT-393	proteomics_heat	219804	219845	-	4	3	R.IYTNAEELVGKPF.R.D	18
PHEAT-394	proteomics_heat	219891	219932	-	4	2	R.SPVEPVQSTAPQPK.A	18
PHEAT-395	proteomics_heat	220146	220193	-	4	16	K.FVQAYQSDEVYEAANK.V	20
PHEAT-396	proteomics_heat	220146	220196	-	4	5	K.KFVQAYQSDEVYEAANK.V	21

PHEAT-397	proteomics_heat	220227	220283	-	4	6	K.DGIFVEDKESPYVNLIVTR.E	23
PHEAT-398	proteomics_heat	220260	220283	-	4	3	K.DGIFVEDK.E	12
PHEAT-399	proteomics_heat	220284	220361	-	4	50	R.SLDDAQIALAVINTTYASQIGLTPAK.D	30
PHEAT-400	proteomics_heat	220362	220394	-	4	5	K.IVELEAPQLPR.S	15
PHEAT-401	proteomics_heat	220404	220454	-	4	4	K.DGVGLLPTVLDVVENPK.N	21
PHEAT-402	proteomics_heat	220404	220460	-	4	14	K.LKDGVGLLPTVLDVVENPK.N	23
PHEAT-403	proteomics_heat	220497	220541	-	4	2	D.GSQVAVPNDPTNLGR.S	19
PHEAT-404	proteomics_heat	220497	220562	-	4	26	K.SLDELQDGSQVAVPNDPTNLGR.S	26
PHEAT-405	proteomics_heat	220572	220622	-	4	12	K.LVAVGNTFVYPIAGYSK.K	21
PHEAT-406	proteomics_heat	220572	220625	-	4	2	Y.KLVAVGNTFVYPIAGYSK.K	22
PHEAT-407	proteomics_heat	220632	220694	-	4	10	K.GDIDANAFQHHPYLDQQLKDR.G	25
PHEAT-408	proteomics_heat	220638	220694	-	4	8	K.GDIDANAFQHHPYLDQQLK.D	23
PHEAT-409	proteomics_heat	220695	220766	-	4	30	K.DKYGLDVELVTFNDYVLPNEALSK.G	28
PHEAT-410	proteomics_heat	220776	220826	-	4	23	K.VGVIVGAEQQVAEVAQK.V	21
PHEAT-411	proteomics_heat	221250	221303	-	4	6	R.MVENALLEIPTGLIEASR.A	22
PHEAT-412	proteomics_heat	221638	221721	-	5	7	K.FGIMLTEMHGTQQDTQAAIAWLQEHHVK.V	32
PHEAT-413	proteomics_heat	221722	221778	-	5	3	R.FNVNINIISAQMDYAGGVK.F	23
PHEAT-414	proteomics_heat	221722	221781	-	5	3	R.RFNVINIISAQMDYAGGVK.F	24
PHEAT-415	proteomics_heat	221782	221835	-	5	3	R.LEFTGQSVDAPLLSETAR.R	22
PHEAT-416	proteomics_heat	221878	221928	-	5	5	K.FIQTSLHLDIPEDYQER.L	21
PHEAT-417	proteomics_heat	221947	222027	-	5	5	R.ICDCVAVISNGELIEQDTVSEVFSHPK.T	31
PHEAT-418	proteomics_heat	222115	222165	-	5	6	K.VLLCDEATSALDPATTR.S	21
PHEAT-419	proteomics_heat	222208	222285	-	5	3	R.VTELLSLVGLGDKHDSYPSNLSGGQK.Q	30
PHEAT-420	proteomics_heat	222208	222288	-	5	3	R.RVTELLSLVGLGDKHDSYPSNLSGGQK.Q	31
PHEAT-421	proteomics_heat	222292	222354	-	5	2	R.TVFGNVALPLELDNTPKDEVK.R	25
PHEAT-422	proteomics_heat	222355	222399	-	5	2	R.QIGMIFQHFNLLSSR.T	19
PHEAT-423	proteomics_heat	222514	222597	-	5	9	R.TIQALNNVSLHVPAGQIYGVIGASGAGK.S	32
PHEAT-424	proteomics_heat	230534	230593	-	6	2	R.IDAATPVVLHFLMPLIKPFR.E	24
PHEAT-425	proteomics_heat	234213	234263	-	4	3	K.FALSILPHDLSINDYYR.K	21
PHEAT-426	proteomics_heat	234264	234332	-	4	2	K.KLSALPDDTLVCCAHEYTLNMMK.F	27
PHEAT-427	proteomics_heat	239578	239610	-	5	3	R.VGSDGNGCHYR.G	15
PHEAT-428	proteomics_heat	240121	240174	-	5	2	K.ITLLQQPLVWMDGPANLR.H	22
PHEAT-429	proteomics_heat	241081	241143	-	5	5	N.PVGLLEEALVDVIAADPIHQR.I	25
PHEAT-430	proteomics_heat	241081	241173	-	5	23	R.GQYLTPEHNVPVGLLEEALVDVIAADPIHQR.I	35
PHEAT-431	proteomics_heat	241498	241560	-	5	2	R.LSANLALLSDVSMVAVLGGSLK.R	25
PHEAT-432	proteomics_heat	241582	241623	-	5	2	R.GLTSSTPTGDATKR.Y	18
PHEAT-433	proteomics_heat	241792	241848	-	5	2	R.AYQGAPIAITVEGANILTR.S	23
PHEAT-434	proteomics_heat	242233	242280	-	5	2	R.GKDVFPIDYIIGGPK.M	20
PHEAT-435	proteomics_heat	242281	242322	-	5	2	R.HFPLNVPFQNGPTR.G	18
PHEAT-436	proteomics_heat	242422	242469	-	5	2	R.YITLAPIATVLGLAFK.L	20
PHEAT-437	proteomics_heat	246284	246313	-	6	3	K.NSEAGIDVHK.A	14
PHEAT-438	proteomics_heat	246398	246478	-	6	2	R.ARIDEDLKNQAADVLAGMGLTISDLVR.I	31
PHEAT-439	proteomics_heat	254403	254444	-	4	4	N.IQIIHAGLECGLFK.K	18
PHEAT-440	proteomics_heat	254403	254453	-	4	13	K.TPNIQIIHAGLECGLFK.K	21
PHEAT-441	proteomics_heat	254403	254465	-	4	6	R.LFNKTPNIQIIHAGLECGLFK.K	25
PHEAT-442	proteomics_heat	254481	254537	-	4	2	K.GAYPGWQPDANSPVMHLVR.E	23

PHEAT-443	proteomics_heat	254565	254621	-	4	15	R.SLIDSGKDYVVSMLDSLK.L	23
PHEAT-444	proteomics_heat	254718	254750	-	4	3	R.LLNATPNGVIR.N	15
PHEAT-445	proteomics_heat	254772	254828	-	4	2	K.NLALLLDSVANDKAALIAK.S	23
PHEAT-446	proteomics_heat	254790	254828	-	4	6	K.NLALLLDSVANDK.A	17
PHEAT-447	proteomics_heat	254790	254834	-	4	2	K.EKNLALLLDSVANDK.A	19
PHEAT-448	proteomics_heat	254829	254885	-	4	6	K.SLVNTYQEILKNELAEKEK.N	23
PHEAT-449	proteomics_heat	254835	254885	-	4	4	K.SLVNTYQEILKNELAEK.E	21
PHEAT-450	proteomics_heat	254886	254936	-	4	6	R.EAFATIAVAADKVDVLK.S	21
PHEAT-451	proteomics_heat	254952	254981	-	4	2	R.LIDFNGGTLR.N	14
PHEAT-452	proteomics_heat	254982	255017	-	4	5	R.FLAGHAEELDLR.L	16
PHEAT-453	proteomics_heat	255030	255080	-	4	4	K.GGHSGGEIHVGLGNANK.L	21
PHEAT-454	proteomics_heat	255399	255467	-	4	3	K.NNDTVHDFTKDPIQPYIDGEWVK.A	27
PHEAT-455	proteomics_heat	255468	255512	-	4	2	R.KPVVLQAHLDMPVQK.N	19
PHEAT-456	proteomics_heat	255513	255542	-	4	3	R.KPATAGMENR.K	14
PHEAT-457	proteomics_heat	255594	255662	-	4	26	K.ICSHIPPSYHEEQLAEYIVGWAK.E	27
PHEAT-458	proteomics_heat	255663	255713	-	4	4	V.SELSQLSPQPLWDIFAK.I	21
PHEAT-459	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-460	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-461	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-462	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-463	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-464	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-465	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-466	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-467	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-468	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-469	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-470	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-471	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-472	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-473	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-474	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-475	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-476	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-477	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-478	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-479	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-480	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-481	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-482	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-483	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-484	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-485	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-486	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-487	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-488	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24

PHEAT-489	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-490	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-491	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-492	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-493	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-494	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-495	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-496	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-497	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-498	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-499	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-500	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-501	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-502	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-503	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-504	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-505	proteomics_heat	284741	284827	-	6	2	R.VRSTSSPISGSVTASSTRETKNSVPIIPA.D	33
PHEAT-506	proteomics_heat	287790	287837	-	4	3	R.EQGYALDSEENEQGV.R.C	20
PHEAT-507	proteomics_heat	288669	288719	-	4	9	K.FLHCLPAFHDDQTTLGK.Q	21
PHEAT-508	proteomics_heat	288669	288719	-	4	9	K.FLHCLPAFHDDQTTLGK.Q	21
PHEAT-509	proteomics_heat	288720	288773	-	4	7	R.GYQVNAQMMALTDNPNVK.F	22
PHEAT-510	proteomics_heat	288906	288959	-	4	3	K.ACWPPEESLVAECSALAEK.H	22
PHEAT-511	proteomics_heat	288975	289031	-	4	20	R.NNMGNSMLEAAALTGLDLR.L	23
PHEAT-512	proteomics_heat	288975	289031	-	4	20	R.NNMGNSMLEAAALTGLDLR.L	23
PHEAT-513	proteomics_heat	289032	289073	-	4	6	K.AFNEMTLVYAGDAR.N	18
PHEAT-514	proteomics_heat	289032	289073	-	4	6	K.AFNEMTLVYAGDAR.N	18
PHEAT-515	proteomics_heat	289209	289232	-	4	3	R.MYDGIQYR.G	12
PHEAT-516	proteomics_heat	289209	289232	-	4	3	R.MYDGIQYR.G	12
PHEAT-517	proteomics_heat	289245	289268	-	4	4	K.ESIKDTAR.V	12
PHEAT-518	proteomics_heat	289245	289268	-	4	4	K.ESIKDTAR.V	12
PHEAT-519	proteomics_heat	289269	289310	-	4	13	R.VTYLGPSPGSQIGHK.E	18
PHEAT-520	proteomics_heat	289269	289310	-	4	13	R.VTYLGPSPGSQIGHK.E	18
PHEAT-521	proteomics_heat	289437	289496	-	4	26	K.LLDFTPAQFTSLLTLAAQLK.A	24
PHEAT-522	proteomics_heat	295031	295120	-	6	3	R.SFGTLAEWVEVPTGIVAQIMGHKPSALAEK.H	34
PHEAT-523	proteomics_heat	295241	295315	-	6	3	R.IIPLTPYVSELLNVLAQSPNSDVNK.E	29
PHEAT-524	proteomics_heat	295403	295462	-	6	4	R.SLNNPIASAYLQVLLLTGAR.R	24
PHEAT-525	proteomics_heat	311676	311705	-	4	2	K.ERHPDCQIVK.R	14
PHEAT-526	proteomics_heat	311822	311845	-	6	2	K.SHPFYTGK.L	12
PHEAT-527	proteomics_heat	311846	311902	-	6	56	R.EIELDGVTYPYVTIDVSSK.S	23
PHEAT-528	proteomics_heat	311846	311911	-	6	4	K.TDREIELDGVTYPYVTIDVSSK.S	26
PHEAT-529	proteomics_heat	311903	311929	-	6	2	K.IGSTIKTDR.E	13
PHEAT-530	proteomics_heat	311930	311971	-	6	19	R.TVVFHDTSVDEYFK.I	18
PHEAT-531	proteomics_heat	319028	319069	-	6	3	K.TLVHDAQHTDFVR.A	18
PHEAT-532	proteomics_heat	326680	326736	-	5	2	R.ANDTDYGLAAGIVTADLNR.A	23
PHEAT-533	proteomics_heat	326803	326880	-	5	3	K.GDGFDNGAWVAPTFTDCSDDMTIVR.E	30
PHEAT-534	proteomics_heat	326956	327015	-	5	3	R.AGDVFDQPQTNFGPLVSFPHR.D	24

PHEAT-535	proteomics_heat	327286	327396	-	5	2	K.LAEIYSEAGLPDGVFNVLPGVGAETGGYLTEHPGIAK.V	41
PHEAT-536	proteomics_heat	327397	327471	-	5	2	K.SAPALAAGNAMIFKPSEVTPLTALK.L	29
PHEAT-537	proteomics_heat	327472	327540	-	5	3	R.REPLGVVAGIGAWNYPIQIALWK.S	27
PHEAT-538	proteomics_heat	327892	327948	-	5	3	R.MAEQQLYIHGGYTSATSGR.T	23
PHEAT-539	proteomics_heat	337178	337195	-	6	24	G.EVVIK.V	10
PHEAT-540	proteomics_heat	347437	347505	-	5	3	R.KKLANERCDAIIAAGSNGAYLKS.R	27
PHEAT-541	proteomics_heat	365865	365945	-	4	2	R.VGADISVVGYYDDTEDSSCYIPPLTTIK.Q	31
PHEAT-542	proteomics_heat	366636	366668	-	4	7	R.VVNQASHVSAK.T	15
PHEAT-543	proteomics_heat	367459	367497	-	5	2	R.RLLETLQEEGYVR.R	17
PHEAT-544	proteomics_heat	377179	377226	-	5	3	R.NELPDLVMHHFPATAK.K	20
PHEAT-545	proteomics_heat	377245	377340	-	5	2	R.GSHVADADRYDLGQGAGFYLNATQAPWNEHYK.M	36
PHEAT-546	proteomics_heat	377341	377391	-	5	2	R.YAAEHNIIVVAPDTSR.G	21
PHEAT-547	proteomics_heat	377713	377799	-	5	3	K.GDIDLEPFVTHMTSLDEINDAFDLMHEGK.S	33
PHEAT-548	proteomics_heat	377875	377958	-	5	6	R.GWGQSVIIGVAVAGQEISTRPFQLVTGR.V	32
PHEAT-549	proteomics_heat	377959	377982	-	5	3	R.AALESAGR.G	12
PHEAT-550	proteomics_heat	377983	378033	-	5	6	K.WGIDHTFECIGNVVMR.A	21
PHEAT-551	proteomics_heat	378034	378108	-	5	3	R.FGATDCINPNYDKPIKDVLLDINK.W	29
PHEAT-552	proteomics_heat	378034	378111	-	5	5	R.RFGATDCINPNYDKPIKDVLLDINK.W	30
PHEAT-553	proteomics_heat	378058	378111	-	5	2	R.RFGATDCINPNYDKPIK.D	22
PHEAT-554	proteomics_heat	378175	378246	-	5	18	K.VQPGDSVAVFGLGAIGLAVVQGAR.Q	28
PHEAT-555	proteomics_heat	378247	378333	-	5	3	K.INPEANHEHVCLLGCQVTTGIGAVHNTAK.V	33
PHEAT-556	proteomics_heat	378845	378886	-	6	3	R.EVSQSVDDTIELVR.A	18
PHEAT-557	proteomics_heat	387989	388042	-	6	8	R.AGADLIFSYPALDLAEK.I	22
PHEAT-558	proteomics_heat	387992	388042	-	6	7	R.AGADLIFSYPALDLAEK.K	21
PHEAT-559	proteomics_heat	388043	388111	-	6	5	K.FAALAGAIDEEKVVLESLSIKR.A	27
PHEAT-560	proteomics_heat	388046	388111	-	6	8	K.FAALAGAIDEEKVVLESLSIKR.R	26
PHEAT-561	proteomics_heat	388112	388165	-	6	5	R.TELPIGAYQVSGEYAMIK.F	22
PHEAT-562	proteomics_heat	388181	388258	-	6	7	R.ESLLDEAQQADCLMVKPAGAYLDIVR.E	30
PHEAT-563	proteomics_heat	388304	388336	-	6	7	R.EAAGSALKGDR.K	15
PHEAT-564	proteomics_heat	388367	388423	-	6	2	R.QALDAAFGKDTAIMSYSTK.F	23
PHEAT-565	proteomics_heat	388424	388504	-	6	2	K.QAVVAAAAGADFIAPSAAMDGQVQAIR.Q	31
PHEAT-566	proteomics_heat	388649	388729	-	6	3	R.SVMTFGISHHTDETGSDAWREDGLVAR.M	31
PHEAT-567	proteomics_heat	391994	392050	-	6	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-568	proteomics_heat	391994	392050	-	6	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-569	proteomics_heat	391994	392050	-	6	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-570	proteomics_heat	391994	392050	-	6	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-571	proteomics_heat	391994	392050	-	6	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-572	proteomics_heat	394822	394857	-	5	2	K.DTTYTPSPDQCR.R	16
PHEAT-573	proteomics_heat	395080	395148	-	5	2	R.VPTYNGTPTILVNLATHTSALPR.E	27
PHEAT-574	proteomics_heat	399113	399157	-	6	2	K.LWQASGLGYTDLITR.L	19
PHEAT-575	proteomics_heat	399158	399247	-	6	6	R.VDVFLTPEVNVINEINTLPGFNTISMYPK.L	34
PHEAT-576	proteomics_heat	399248	399298	-	6	4	R.AIAVQAYQTLGCAGMAR.V	21
PHEAT-577	proteomics_heat	399557	399616	-	6	2	K.LGLPLFVKPANQGSVGVSK.V	24
PHEAT-578	proteomics_heat	399617	399649	-	6	4	R.HNISFAEVESK.L	15
PHEAT-579	proteomics_heat	399659	399700	-	6	2	R.DAGLNIAPFITLTR.A	18
PHEAT-580	proteomics_heat	400073	400108	-	6	5	K.SAEHEVSLQSAK.N	16

PHEAT-581	proteomics_heat	404095	404121	-	5	2	R.AAVIEAMTK.C	13
PHEAT-582	proteomics_heat	404146	404190	-	5	4	K.DMVCSPGGTTIEAVR.V	19
PHEAT-583	proteomics_heat	404146	404229	-	5	3	K.MVLETGEHPGALKDMVCSPGGTTIEAVR.V	32
PHEAT-584	proteomics_heat	404191	404229	-	5	5	K.MVLETGEHPGALK.D	17
PHEAT-585	proteomics_heat	404230	404262	-	5	2	K.FAAQAVMGSAK.M	15
PHEAT-586	proteomics_heat	404413	404517	-	5	5	R.AMPNTPALVNAGMTSVTPNALVTPEDTADVLNIFR.C	39
PHEAT-587	proteomics_heat	404548	404601	-	5	6	K.DSLVVSIAAGVTL DQLAR.A	22
PHEAT-588	proteomics_heat	404548	404634	-	5	3	K.VLSEITSSLNKDSL VVSIAAGVTL DQLAR.A	33
PHEAT-589	proteomics_heat	404635	404745	-	5	7	K.VAALHDQFGINAESAQEVAQIADIIFA AVKPGIMIK.V	41
PHEAT-590	proteomics_heat	404746	404823	-	5	3	K.AILGGLIASGQVLPGQI WVYTPSPDK.V	30
PHEAT-591	proteomics_heat	404824	404856	-	5	4	K.IGFIGCGNMGK.A	15
PHEAT-592	proteomics_heat	404824	404859	-	5	2	K.KIGFIGCGNMGK.A	16
PHEAT-593	proteomics_heat	408563	408613	-	6	5	K.KQDLTSEEITNHIEAGK.V	21
PHEAT-594	proteomics_heat	408701	408775	-	6	31	K.SLGSLPVVPLSMENPIELTLTEWVR.S	29
PHEAT-595	proteomics_heat	408701	408778	-	6	8	R.KSLGSLPVVPLSMENPIELTLTEWVR.S	30
PHEAT-596	proteomics_heat	408779	408808	-	6	2	K.KAEDTLALLR.K	14
PHEAT-597	proteomics_heat	408890	408931	-	6	4	K.DSLKDEVLHSL LPR.A	18
PHEAT-598	proteomics_heat	409037	409117	-	6	2	K.MGWVPPMGSHSDAL THVANGQIVICAR.K	31
PHEAT-599	proteomics_heat	409118	409168	-	6	4	K.QLASMAFTPCGSQDMAK.M	21
PHEAT-600	proteomics_heat	412428	412463	-	4	3	K.LRENTTSQGEIR.Q	16
PHEAT-601	proteomics_heat	415601	415666	-	6	2	K.LRGDQPLPIIATGH LTTVGASK.S	26
PHEAT-602	proteomics_heat	430398	430469	-	4	4	R.YWHDGGQWND DAELNFGNGFNVR.S	28
PHEAT-603	proteomics_heat	430398	430502	-	4	2	N.YDHWHSV VARYWHDGGQWND DAELNFGNGFNVR.S	39
PHEAT-604	proteomics_heat	430680	430733	-	4	2	K.YQWQNYGAANENEWDGYR.F	22
PHEAT-605	proteomics_heat	430734	430814	-	4	16	R.QSTWYMGLGTDIDTGLPMSLSMN VYAK.Y	31
PHEAT-606	proteomics_heat	430830	430856	-	4	2	A.NNYIYDMGR.N	13
PHEAT-607	proteomics_heat	430830	430871	-	4	2	K.EWYFANNYIYDMGR.N	18
PHEAT-608	proteomics_heat	430857	430907	-	4	4	K.LTNTDLSFGPFKEWYFA.N	21
PHEAT-609	proteomics_heat	430872	430922	-	4	3	R.FSIDKLNTDLSFGPFK.E	21
PHEAT-610	proteomics_heat	430923	430970	-	4	9	K.GIWNHGSPLFMEIEPR.F	20
PHEAT-611	proteomics_heat	430971	431036	-	4	2	K.DWFDYGYADAPVFFGGNSDAK.G	26
PHEAT-612	proteomics_heat	430971	431039	-	4	8	K.KDWFDYGYADAPVFFGGNSDAK.G	27
PHEAT-613	proteomics_heat	431037	431075	-	4	2	R.NDTYLEYEAFAKK.D	17
PHEAT-614	proteomics_heat	431040	431075	-	4	3	R.NDTYLEYEAFAK.K	16
PHEAT-615	proteomics_heat	431094	431171	-	4	8	A.AENDKPQYLS DWWHQSVNVVGSYHTR.F	30
PHEAT-616	proteomics_heat	436128	436193	-	4	6	R.LPHIQNTENHKPGGNPLVIGR.Q	26
PHEAT-617	proteomics_heat	436601	436636	-	6	2	K.ESDENDAQIAER.L	16
PHEAT-618	proteomics_heat	436673	436705	-	6	3	R.LTRPWGETTAR.L	15
PHEAT-619	proteomics_heat	436844	436903	-	6	3	R.YIGASSMHASQFAQALELQK.Q	24
PHEAT-620	proteomics_heat	436919	436975	-	6	3	R.WDYNTPIEETLEALNDVVK.A	23
PHEAT-621	proteomics_heat	437096	437122	-	6	4	R.REDEVVATK.V	13
PHEAT-622	proteomics_heat	437144	437221	-	6	2	R.ALEGGINFFDTANSYSDGSSEEIVGR.A	30
PHEAT-623	proteomics_heat	437599	437670	-	5	3	R.KPVPVLNIGLPDFFIPQGTQEEMR.A	28
PHEAT-624	proteomics_heat	438079	438141	-	5	2	R.AGIVGADGQTHQGAFDLSYLR.C	25
PHEAT-625	proteomics_heat	438169	438207	-	5	6	R.AYDQVLHDVAIQK.L	17
PHEAT-626	proteomics_heat	438493	438543	-	5	4	R.GYEPAEKDPITFHAVPK.F	21

PHEAT-627	proteomics_heat	439435	439500	-	5	2	K.QLAEQSLDTSALEALADYIIQR.N	26
PHEAT-628	proteomics_heat	439912	440013	-	5	2	K.FGEANAILAGDALQTLAFSILSDADMPEVSDRDR.I	38
PHEAT-629	proteomics_heat	440191	440265	-	5	5	R.FIAPLPFQNTPVVETMQYGALLGGK.R	29
PHEAT-630	proteomics_heat	440445	440495	-	4	5	R.LESGDLPLEEALNEFER.G	21
PHEAT-631	proteomics_heat	440496	440528	-	4	3	K.ALSELEQIVTR.L	15
PHEAT-632	proteomics_heat	442473	442565	-	4	5	R.IVAAICAAPATVLVPHDIFPIGNMTGFPTLK.D	35
PHEAT-633	proteomics_heat	442635	442709	-	4	7	K.LLADAPLVEVADGEYDVIVLPGGIK.G	29
PHEAT-634	proteomics_heat	442719	442772	-	4	2	K.VTTASVASDGNLAITCSR.G	22
PHEAT-635	proteomics_heat	442900	442932	-	5	3	R.AHGIAVPENTR.L	15
PHEAT-636	proteomics_heat	442942	442980	-	5	4	R.HTEIDYINGFLLR.R	17
PHEAT-637	proteomics_heat	443146	443211	-	5	2	K.LAVNCVINPLTAIWNCPNGELR.H	26
PHEAT-638	proteomics_heat	443146	443214	-	5	2	R.KLAVNCVINPLTAIWNCPNGELR.H	27
PHEAT-639	proteomics_heat	443311	443367	-	5	4	R.DGNVIIHVANGITHIGPAR.Q	23
PHEAT-640	proteomics_heat	447898	447930	-	5	10	K.LENQHFDEITK.A	15
PHEAT-641	proteomics_heat	448105	448140	-	5	2	K.KPDHYEEIHMPK.N	16
PHEAT-642	proteomics_heat	448183	448227	-	5	2	P.PPFYNFVAVPHVHER.D	19
PHEAT-643	proteomics_heat	448183	448230	-	5	2	S.PPFYNFVAVPHVHER.D	20
PHEAT-644	proteomics_heat	448183	448254	-	5	33	R.TLEWATSSPPFYNFVAVPHVHER.D	28
PHEAT-645	proteomics_heat	449890	449976	-	5	5	K.SMDMTQPEGEHSAHEGMEGMDMSHAESA.-	33
PHEAT-646	proteomics_heat	449995	450036	-	5	3	F.SNVKPDFLADVINK.F	18
PHEAT-647	proteomics_heat	449995	450075	-	5	12	K.LAAPSEYNQVEYFSNVKPDFLADVINK.F	31
PHEAT-648	proteomics_heat	450076	450117	-	5	3	K.QSPNTMSDMAAFEK.L	18
PHEAT-649	proteomics_heat	450076	450123	-	5	3	K.AKQSPNTMSDMAAFEK.L	20
PHEAT-650	proteomics_heat	450124	450150	-	5	5	R.AAFDQWVAK.A	13
PHEAT-651	proteomics_heat	450178	450258	-	5	16	R.LHLIANEPGYDGISASYSGPGFSGMK.F	31
PHEAT-652	proteomics_heat	450259	450300	-	5	13	R.LGSQIYAMAGMQTR.L	18
PHEAT-653	proteomics_heat	450301	450342	-	5	6	K.VTSNSVMNSFFIPR.L	18
PHEAT-654	proteomics_heat	452828	452911	-	6	34	K.NIADAVNSVLTDTIADMSQDTSIHEFIK.Q	32
PHEAT-655	proteomics_heat	453032	453118	-	6	56	R.GYMGVGNPVPVNLQIIVSPLYADVSQGNVR.Y	33
PHEAT-656	proteomics_heat	453032	453157	-	6	3	F.LLQEVLEKQMTARGYMGVGNPVPVNLQIIVSPLYADVSQGNVR.Y	46
PHEAT-657	proteomics_heat	453134	453160	-	6	2	R.FLLQEVLEK.Q	13
PHEAT-658	proteomics_heat	453170	453202	-	6	7	R.DNQIVTLTASR.D	15
PHEAT-659	proteomics_heat	464097	464153	-	4	6	R.ANGLNHYLADKPTVMAAMK.Q	23
PHEAT-660	proteomics_heat	464154	464192	-	4	3	K.GDGCCHCAACNLR.A	17
PHEAT-661	proteomics_heat	464154	464225	-	4	2	R.NETLTCYNGFKGDGCCHCAACNLR.A	28
PHEAT-662	proteomics_heat	464316	464351	-	4	5	K.ALNHAVSLGMAK.D	16
PHEAT-663	proteomics_heat	464475	464543	-	4	15	R.DSIPVPDYEPEADGIPNTFVPGR.N	27
PHEAT-664	proteomics_heat	464544	464594	-	4	4	K.VLDVTLNLAIVSSLTR.D	21
PHEAT-665	proteomics_heat	474116	474139	-	6	3	R.DGNSFSAR.R	12
PHEAT-666	proteomics_heat	474140	474172	-	6	2	K.KPIIDVETLR.D	15
PHEAT-667	proteomics_heat	474338	474367	-	6	2	K.NLLTLLNLEK.I	14
PHEAT-668	proteomics_heat	476513	476563	-	6	2	T.GYSSLSYLQDLDVDILK.I	21
PHEAT-669	proteomics_heat	478609	478650	-	5	5	K.DVPDNVVVGGNPAR.I	18
PHEAT-670	proteomics_heat	479383	479442	-	5	2	K.NKYELSDNELAVFYSAADHR.L	24
PHEAT-671	proteomics_heat	481444	481503	-	5	4	K.HPDMMLTSVRPNGLEDTPQFK.I	24
PHEAT-672	proteomics_heat	481678	481731	-	5	2	K.DWADRPGEENKVEAITMR.A	22

PHEAT-673	proteomics_heat	481732	481767	-	5	2	R.GQNTGIAFVSLK.D	16
PHEAT-674	proteomics_heat	481768	481824	-	5	2	K.EKNNVESVFAVNGFGFAGR.G	23
PHEAT-675	proteomics_heat	481825	481860	-	5	4	K.VLNEVTHYYLTK.E	16
PHEAT-676	proteomics_heat	482752	482826	-	5	2	K.IELGGENYDIIAEFNGQPASGLGIK.L	29
PHEAT-677	proteomics_heat	482911	482949	-	5	3	K.GQQLNASIIAQTR.L	17
PHEAT-678	proteomics_heat	482911	482949	-	5	3	K.GQQLNASIIAQTR.L	17
PHEAT-679	proteomics_heat	482950	483003	-	5	4	K.AQNAQVAAGQLGGTPPVK.G	22
PHEAT-680	proteomics_heat	483004	483042	-	5	2	K.FQLTPVDVITAIK.A	17
PHEAT-681	proteomics_heat	483073	483123	-	5	3	R.TSGVGDVQLFGSQYAMR.I	21
PHEAT-682	proteomics_heat	483235	483297	-	5	4	K.LQLAMPLLPQEVQQQGVSVK.S	25
PHEAT-683	proteomics_heat	483653	483721	-	6	24	K.AQEVTDANNQQAASGAQPEQSKS.-	27
PHEAT-684	proteomics_heat	483656	483721	-	6	13	K.AQEVTDANNQQAASGAQPEQSK.S	26
PHEAT-685	proteomics_heat	483746	483769	-	6	4	R.VVISGLQK.V	12
PHEAT-686	proteomics_heat	483806	483850	-	6	3	K.VETRPIVASQAIGDK.W	19
PHEAT-687	proteomics_heat	483806	483889	-	6	4	R.GDATVLVVGADDKVETRPIVASQAIGDK.W	32
PHEAT-688	proteomics_heat	483899	483955	-	6	4	R.LEEGLNPNAILVPQQGVTR.T	23
PHEAT-689	proteomics_heat	483899	483961	-	6	7	R.ARLEEGLNPNAILVPQQGVTR.T	25
PHEAT-690	proteomics_heat	483962	484012	-	6	5	R.AIFPNPDHTLLPGMFVR.A	21
PHEAT-691	proteomics_heat	484121	484168	-	6	4	R.LKQELANGLTKQENGK.A	20
PHEAT-692	proteomics_heat	484136	484168	-	6	5	R.LKQELANGLTK.Q	15
PHEAT-693	proteomics_heat	484169	484285	-	6	3	K.SNVTEGALVQNGQATALATVQQLDPIYVDVTQSSNDFLR.L	43
PHEAT-694	proteomics_heat	484361	484396	-	6	2	D.AQQANAAVTAAK.A	16
PHEAT-695	proteomics_heat	484361	484423	-	6	5	K.QEYDQALADAQQANAAVTAAK.A	25
PHEAT-696	proteomics_heat	484460	484501	-	6	5	K.AQAAANIAQLTVNR.Y	18
PHEAT-697	proteomics_heat	484517	484552	-	6	3	D.PATYQATYDSAK.G	16
PHEAT-698	proteomics_heat	484517	484597	-	6	17	K.EGSDIEAGVSLYQIDPATYQATYDSAK.G	31
PHEAT-699	proteomics_heat	484610	484651	-	6	2	R.IAEVRPQVSGIILK.R	18
PHEAT-700	proteomics_heat	484667	484705	-	6	3	K.TEPLQITTELPGR.T	17
PHEAT-701	proteomics_heat	485795	485842	-	6	6	F.WHNKTKTKAINAEKTK.C	20
PHEAT-702	proteomics_heat	489596	489631	-	6	2	R.VTDLVEQQLHR.E	16
PHEAT-703	proteomics_heat	489773	489853	-	6	3	R.HAVEQQQLPQVAWLAEHLAAQLEAIAR.E	31
PHEAT-704	proteomics_heat	489854	489910	-	6	2	R.ATTLQACLDEAGDNLAALR.H	23
PHEAT-705	proteomics_heat	500636	500707	-	6	2	E.PNARCGVNALSGLRTDDNLTIPVR.L	28
PHEAT-706	proteomics_heat	500882	500920	-	6	4	R.AHYDDEVAYITER.G	17
PHEAT-707	proteomics_heat	500921	500953	-	6	2	R.AKNPDIEIAR.A	15
PHEAT-708	proteomics_heat	501113	501157	-	6	3	K.LLASDIPLVVIETSR.T	19
PHEAT-709	proteomics_heat	505869	505907	-	4	2	R.GLDIELAAGDLAK.I	17
PHEAT-710	proteomics_heat	505908	505976	-	4	3	K.RLPTIIDAPAQEFATYVSGGKR.G	27
PHEAT-711	proteomics_heat	505911	505973	-	4	2	R.LPTIIDAPAQEFATYVSGGK.R	25
PHEAT-712	proteomics_heat	505911	505976	-	4	2	K.RLPTIIDAPAQEFATYVSGGK.R	26
PHEAT-713	proteomics_heat	505911	505979	-	4	3	K.KRLPTIIDAPAQEFATYVSGGK.R	27
PHEAT-714	proteomics_heat	505980	506024	-	4	3	R.STGYLVGGISPLGQK.K	19
PHEAT-715	proteomics_heat	506025	506060	-	4	6	K.KVEMADPMVAQR.S	16
PHEAT-716	proteomics_heat	506085	506135	-	4	2	K.HLAVAVTPVAGQLDLKK.V	21
PHEAT-717	proteomics_heat	506088	506135	-	4	3	K.HLAVAVTPVAGQLDLK.K	20
PHEAT-718	proteomics_heat	506169	506201	-	4	2	K.KLGLNPDQVYK.T	15



PHEAT-719	proteomics_heat	506199	506270	-	4	5	K.ISFQIHTYEHDPAETNFGDEVVKK.L	28
PHEAT-720	proteomics_heat	506202	506270	-	4	2	K.ISFQIHTYEHDPAETNFGDEVVKK.K	27
PHEAT-721	proteomics_heat	508300	508341	-	5	2	R.HSLMGVADALAI.SR.A	18
PHEAT-722	proteomics_heat	508549	508599	-	5	3	R.LVMLTGDNPPTANAI.AK.E	21
PHEAT-723	proteomics_heat	508756	508842	-	5	3	R.GLVGSGEAEGHALLLGNQALLNEQQVGTK.A	33
PHEAT-724	proteomics_heat	508906	508950	-	5	11	R.LAAALEQGSSSHPLAR.A	19
PHEAT-725	proteomics_heat	508987	509031	-	5	4	K.TGTLTEGKPQVVAVK.T	19
PHEAT-726	proteomics_heat	509362	509397	-	5	8	R.ASAVGSHTT.LSR.I	16
PHEAT-727	proteomics_heat	509398	509457	-	5	3	K.GEGDSVHAGTVVQDGSVLFR.A	24
PHEAT-728	proteomics_heat	509560	509601	-	5	2	K.SVPLAEVQPGMLLR.L	18
PHEAT-729	proteomics_heat	509735	509809	-	6	6	A.LFDERQPVAAVVPDGSATSLLR.SQR.D	29
PHEAT-730	proteomics_heat	510094	510135	-	5	2	K.AGYGAEAIEDDAKR.R	18
PHEAT-731	proteomics_heat	510097	510135	-	5	2	K.AGYGAEAIEDDAK.R	17
PHEAT-732	proteomics_heat	510136	510192	-	5	3	R.TALVMGSASPQDLVQAVEK.A	23
PHEAT-733	proteomics_heat	510397	510432	-	5	5	K.QAGYDASVSHPK.A	16
PHEAT-734	proteomics_heat	510433	510537	-	5	2	K.ESLEQRPDVEQADVSITEAHVTGTASAEQLIETIK.Q	39
PHEAT-735	proteomics_heat	510433	510543	-	5	8	R.VKESLEQRPDVEQADVSITEAHVTGTASAEQLIETIK.Q	41
PHEAT-736	proteomics_heat	510547	510600	-	5	6	M.SQTIDLTDGLSCGHCVK.R	22
PHEAT-737	proteomics_heat	514110	514178	-	4	7	K.VVMMPLEASSLMGSIAGIAELVK.D	27
PHEAT-738	proteomics_heat	514467	514517	-	4	6	R.DVRPPAELISSMNAQMK.A	21
PHEAT-739	proteomics_heat	516682	516735	-	5	7	K.TFQEILAAALGTGDALASK.Y	22
PHEAT-740	proteomics_heat	516682	516738	-	5	10	R.KTFQEILAAALGTGDALASK.Y	23
PHEAT-741	proteomics_heat	516739	516768	-	5	12	K.DLTAADGQTR.K	14
PHEAT-742	proteomics_heat	516739	516771	-	5	3	R.KDLTAADGQTR.K	15
PHEAT-743	proteomics_heat	516769	516810	-	5	10	R.NEEALELLFGHLR.K.D	18
PHEAT-744	proteomics_heat	516772	516810	-	5	10	R.NEEALELLFGHLR.K	17
PHEAT-745	proteomics_heat	516811	516921	-	5	3	K.QAADTPEIQQLQQQVAENPEDAALATQLALQLHQVGR.N	41
PHEAT-746	proteomics_heat	517195	517275	-	5	4	R.AIPTVYLFQNGQPVDGFGQPPEEAI.R.A	31
PHEAT-747	proteomics_heat	517276	517323	-	5	3	K.LDCDAEQMIAAQFGLR.A	20
PHEAT-748	proteomics_heat	517324	517401	-	5	10	R.SQHCLQLTPILES LAAQYNGQFILAK.L	30
PHEAT-749	proteomics_heat	518753	518809	-	6	4	K.TSVVNASISGDTSQQGLAR.L	23
PHEAT-750	proteomics_heat	523129	523206	-	5	4	P.APSVTPVISPARSPAASRRYVSVRPK.R	30
PHEAT-751	proteomics_heat	530073	530141	-	4	3	R.SHIVQSWLHAAGIDYPLVEGGYK.A	27
PHEAT-752	proteomics_heat	542752	542802	-	5	2	R.IHYEGMDDVILLDFLPK.E	21
PHEAT-753	proteomics_heat	542803	542865	-	5	2	R.YVPVEGYAPWLVSNGASELER.I	25
PHEAT-754	proteomics_heat	543109	543162	-	5	2	K.NIIPGFENC DATILSTPK.L	22
PHEAT-755	proteomics_heat	543163	543204	-	5	3	K.HGNFALLTPDGLVK.N	18
PHEAT-756	proteomics_heat	550837	550875	-	5	5	K.VGHLNLTDS.DTSR.L	17
PHEAT-757	proteomics_heat	550930	551025	-	5	5	R.AITDLPLPQPVVNNP.SVMINLIGSDVNYDWLK.L	36
PHEAT-758	proteomics_heat	551248	551313	-	5	5	R.GFDGSTVFYPLTHNLHQDGILR.T	26
PHEAT-759	proteomics_heat	551509	551550	-	5	3	K.LHLPTAPWQLLAER.S	18
PHEAT-760	proteomics_heat	551509	551565	-	5	2	K.QLFDK.LHLPTAPWQLLAER.S	23
PHEAT-761	proteomics_heat	551605	551625	-	5	2	R.HPAFVNR.D	11
PHEAT-762	proteomics_heat	551662	551766	-	5	2	R.QAGEPLGIAVWPVGLDAEPAAVPFQ.SVITAEIER.W	39
PHEAT-763	proteomics_heat	551826	551864	-	4	5	K.AQTDEVLENPDPR.G	17
PHEAT-764	proteomics_heat	551826	551867	-	4	4	R.KAQTDEVLENPDPR.G	18

PHEAT-765	proteomics_heat	551898	551954	-	4	3	K.AGAANAALLAAQILATHDK.E	23
PHEAT-766	proteomics_heat	551988	552074	-	4	23	K.TLVPVLGVPVQSAALSGVDSLYSIVQMPR.G	33
PHEAT-767	proteomics_heat	552075	552173	-	4	12	K.LFSFAESAENGYQVIIAGAGGAAHLPGMIAAK.T	37
PHEAT-768	proteomics_heat	552075	552185	-	4	4	R.TPDKLFSFAESAENGYQVIIAGAGGAAHLPGMIAAK.T	41
PHEAT-769	proteomics_heat	553169	553231	-	6	25	R.SGMHQDVPKEDVIIESVTVSE.-	25
PHEAT-770	proteomics_heat	553205	553231	-	6	4	R.SGMHQDVPK.E	13
PHEAT-771	proteomics_heat	553430	553465	-	6	9	K.EPIKNEANGLK.N	16
PHEAT-772	proteomics_heat	553430	553474	-	6	7	K.ATKEPIKNEANGLK.N	19
PHEAT-773	proteomics_heat	553481	553531	-	6	18	R.VINGFMIQGGGFEPGMK.Q	21
PHEAT-774	proteomics_heat	553532	553564	-	6	2	R.EGFYNNTIFHR.V	15
PHEAT-775	proteomics_heat	553565	553585	-	6	2	K.NFLDYCR.E	11
PHEAT-776	proteomics_heat	553586	553618	-	6	11	K.TFDDKAPETVK.N	15
PHEAT-777	proteomics_heat	553619	553660	-	6	14	K.MVTFHTNHGDIVIK.T	18
PHEAT-778	proteomics_heat	555977	556003	-	6	4	K.IAIAEGQVK.V	13
PHEAT-779	proteomics_heat	556101	556208	-	4	32	R.ASYITPVPGGVGPMTVATLIENTLQACVEYHDPQDE.-	40
PHEAT-780	proteomics_heat	556209	556247	-	4	2	K.VVGDVVFEDAAR.A	17
PHEAT-781	proteomics_heat	556299	556373	-	4	3	R.HHVENADLLIVAVGKPGFIPGDWIK.E	29
PHEAT-782	proteomics_heat	556392	556421	-	4	2	L.AGCTTTVTHR.F	14
PHEAT-783	proteomics_heat	556509	556532	-	4	2	R.GIVTLER.Y	12
PHEAT-784	proteomics_heat	556575	556625	-	4	3	R.IHPDKDVDGFFHPYNVGR.L	21
PHEAT-785	proteomics_heat	556638	556766	-	4	4	R.SYDLPETTSEALLELIDTLNADNTIDGILVQLPLPAGIDNVK.V	47
PHEAT-786	proteomics_heat	556767	556796	-	4	2	K.ACEEVGFVSR.S	14
PHEAT-787	proteomics_heat	556767	556799	-	4	5	R.KACEEVGFVSR.S	15
PHEAT-788	proteomics_heat	556803	556868	-	4	5	R.APLAVVLVGSNPASQIYVASK.R	26
PHEAT-789	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-790	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-791	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-792	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-793	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-794	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-795	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-796	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-797	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-798	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-799	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-800	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-801	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-802	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-803	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-804	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-805	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-806	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-807	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-808	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-809	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-810	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14

PHEAT-811	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-812	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-813	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-814	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-815	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-816	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-817	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-818	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-819	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-820	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-821	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-822	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-823	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-824	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-825	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-826	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-827	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-828	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-829	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-830	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-831	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-832	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-833	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-834	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-835	proteomics_heat	577841	577918	-	6	11	K.TETQQTfVnGLLGFITLGIYTPLEAR.V	30
PHEAT-836	proteomics_heat	577919	577948	-	6	2	K.ICGGAENVVK.T	14
PHEAT-837	proteomics_heat	577970	578014	-	6	7	K.ETITHHFFVSGIGQK.K	19
PHEAT-838	proteomics_heat	583915	583965	-	5	23	K.NGAGIENYNFITTAGLK.Y	21
PHEAT-839	proteomics_heat	583966	584010	-	5	2	N.TSLYDHNNNTSDYSK.N	19
PHEAT-840	proteomics_heat	583966	584016	-	5	11	K.GNTSLYDHNNNTSDYSK.N	21
PHEAT-841	proteomics_heat	583966	584019	-	5	5	K.KGNTSLYDHNNNTSDYSK.N	22
PHEAT-842	proteomics_heat	583966	584040	-	5	3	A.WNRVTNKKGNTSLYDHNNNTSDYSK.N	29
PHEAT-843	proteomics_heat	584032	584058	-	5	5	K.VYVEGAWNR.V	13
PHEAT-844	proteomics_heat	584059	584124	-	5	39	K.VKDQNYYSVAVNAGYYVTPNAK.V	26
PHEAT-845	proteomics_heat	584143	584199	-	5	5	K.YSGWVESSDNDEHYDPGKR.I	23
PHEAT-846	proteomics_heat	584200	584232	-	5	13	R.YEDFELGGTFK.Y	15
PHEAT-847	proteomics_heat	584233	584265	-	5	10	K.MPYIGLTGSYR.Y	15
PHEAT-848	proteomics_heat	584233	584271	-	5	11	R.FKMPYIGLTGSYR.Y	17
PHEAT-849	proteomics_heat	584293	584325	-	5	8	R.DDIGSFPNGER.A	15
PHEAT-850	proteomics_heat	584293	584364	-	5	44	R.GGSYIYSSEEGFRDDIGSFPNGER.A	28
PHEAT-851	proteomics_heat	584383	584415	-	5	10	R.LGLMAGYQESR.Y	15
PHEAT-852	proteomics_heat	584416	584445	-	5	10	K.GWLLNEPNYR.L	14
PHEAT-853	proteomics_heat	584446	584496	-	5	29	R.HPDTQLNYANEFDLNIK.G	21
PHEAT-854	proteomics_heat	584497	584532	-	5	2	D.SSNPGTWTDESR.H	16
PHEAT-855	proteomics_heat	584497	584565	-	5	6	R.GGNMVDQDWMSSNPGTWTDESR.H	27
PHEAT-856	proteomics_heat	584566	584637	-	5	108	K.GAINWDLMPQISIGAAGWTTLSR.G	28

PHEAT-857	proteomics_heat	584662	584685	-	5	8	R.KVSQLDWK.F	12
PHEAT-858	proteomics_heat	584683	584712	-	5	2	R.VYLAEEGGR.V	14
PHEAT-859	proteomics_heat	584686	584712	-	5	14	R.VYLAEEGGR.K	13
PHEAT-860	proteomics_heat	584686	584718	-	5	5	K.ERVYLAEEGGR.K	15
PHEAT-861	proteomics_heat	584725	584796	-	5	35	A.STETLSFTPDNINADISLGTLSGK.T	28
PHEAT-862	proteomics_heat	586392	586445	-	4	2	K.TFTAKPKPDAEIASLLAK.R	22
PHEAT-863	proteomics_heat	586941	586970	-	4	2	R.AAAAQQAGLK.L	14
PHEAT-864	proteomics_heat	588867	588914	-	4	2	R.LASLLESHPYLATPAK.V	20
PHEAT-865	proteomics_heat	593781	593813	-	4	3	R.VLNHPDETQAR.R	15
PHEAT-866	proteomics_heat	603997	604032	-	5	4	K.SRLPQNITLTV.-	16
PHEAT-867	proteomics_heat	604033	604104	-	5	10	K.GYTSLVVVPVGHHSVEDFNATLPK.S	28
PHEAT-868	proteomics_heat	604033	604110	-	5	7	K.EKGYTSLVVVPVGHHSVEDFNATLPK.S	30
PHEAT-869	proteomics_heat	604327	604359	-	5	10	K.LVVQVEDADGR.F	15
PHEAT-870	proteomics_heat	604360	604386	-	5	4	K.TAMDDVWLK.L	13
PHEAT-871	proteomics_heat	604387	604425	-	5	5	K.MLDASHVVVFCAK.T	17
PHEAT-872	proteomics_heat	604387	604428	-	5	2	R.KMLDASHVVVFCAK.T	18
PHEAT-873	proteomics_heat	604429	604461	-	5	3	K.SAAGNYVFNER.K	15
PHEAT-874	proteomics_heat	604477	604554	-	5	2	K.TLLQYSPSSTNSQPWFHIVASTEEGK.A	30
PHEAT-875	proteomics_heat	604555	604587	-	5	11	K.KLTPEQAEQIK.T	15
PHEAT-876	proteomics_heat	604819	604869	-	5	2	K.HWISVYPGEEISEALLR.D	21
PHEAT-877	proteomics_heat	605077	605109	-	5	2	F.MDKQSLHETAK.R	15
PHEAT-878	proteomics_heat	606364	606405	-	5	2	R.DINQAAGQFSAMQK.V	18
PHEAT-879	proteomics_heat	609597	609662	-	4	2	W.DVTKNVSLTGGVDNLFDKRLWR.A	26
PHEAT-880	proteomics_heat	610275	610358	-	4	2	R.FDHHSIVGNNWSPALNISQGLGDDFTLK.M	32
PHEAT-881	proteomics_heat	610449	610526	-	4	7	K.DLSSNTQALTGTNTGGAIDGVSTTDR.S	30
PHEAT-882	proteomics_heat	618796	618843	-	5	2	K.GYTAAVLHDLNQACR.Y	20
PHEAT-883	proteomics_heat	622864	622923	-	5	2	K.DADAIYANPLLAHLPAVQNK.Q	24
PHEAT-884	proteomics_heat	623233	623283	-	5	3	K.SWQSLLTQLGEITGHEK.Q	21
PHEAT-885	proteomics_heat	623590	623622	-	5	6	R.GHTLTLESQPQR.I	15
PHEAT-886	proteomics_heat	631888	631944	-	5	3	R.VAAAHAVHNGLTVLPQTEK.F	23
PHEAT-887	proteomics_heat	632440	632496	-	5	2	R.GHCSESDVQQLAESGDDR.S	23
PHEAT-888	proteomics_heat	640665	640694	-	4	2	R.HANLPVLVVR.-	14
PHEAT-889	proteomics_heat	640695	640748	-	4	10	R.NPSISTHLLGSNASSVIR.H	22
PHEAT-890	proteomics_heat	640749	640823	-	4	17	R.FGSVRDEVNELAEELGADVVVIGSR.N	29
PHEAT-891	proteomics_heat	640842	640883	-	4	7	R.LQTMVSHFTIDPSR.I	18
PHEAT-892	proteomics_heat	640884	640919	-	4	8	R.FEEHLQHEAQER.L	16
PHEAT-893	proteomics_heat	640941	641024	-	4	4	R.HAEFLAQDDGVIHLLHVLPGSASLSLHR.F	32
PHEAT-894	proteomics_heat	640944	641024	-	4	5	R.HAEFLAQDDGVIHLLHVLPGSASLSLH.R	31
PHEAT-895	proteomics_heat	641034	641081	-	4	19	K.TIIMPVDVFEMELSDK.A	20
PHEAT-896	proteomics_heat	643146	643187	-	4	2	M.SRPTIIINDLDAER.I	18
PHEAT-897	proteomics_heat	643708	643761	-	5	3	K.HGACFGFDPDAYFGTMVR.L	22
PHEAT-898	proteomics_heat	643825	643872	-	5	2	R.MCSSPETGLSLETAAK.L	20
PHEAT-899	proteomics_heat	643882	643926	-	5	5	R.FGCATRPINLPEAR.A	19
PHEAT-900	proteomics_heat	656749	656799	-	5	4	V.FGLNRTLKTKKNPLIKR.V	21
PHEAT-901	proteomics_heat	658492	658521	-	5	4	R.SSYHADLQAK.G	14
PHEAT-902	proteomics_heat	658522	658608	-	5	2	R.YVSPDEFDEMKAELAMGFTTHACGPFVR.S	33

PHEAT-903	proteomics_heat	658630	658677	-	5	7	R.HGVTMLTLGQYLQPSR.H	20
PHEAT-904	proteomics_heat	658840	658905	-	5	3	R.ALDILTATPPDVFNHNLENVPR.I	26
PHEAT-905	proteomics_heat	658969	659013	-	5	5	R.DGGAQHFADCITAIR.E	19
PHEAT-906	proteomics_heat	659014	659052	-	5	2	R.YVVITSVDRDDL.R.D	17
PHEAT-907	proteomics_heat	659086	659148	-	5	3	R.CPFCVAHGRPVAPDANEPVK.L	25
PHEAT-908	proteomics_heat	660920	660967	-	6	3	K.ISQWKPEATTNNIAPR.L	20
PHEAT-909	proteomics_heat	661289	661339	-	6	2	K.AEHILMPGDIPVIQSDR.G	21
PHEAT-910	proteomics_heat	661629	661709	-	4	14	K.GNYHSVSITINATHIEQVETLYEELGK.I	31
PHEAT-911	proteomics_heat	661710	661754	-	4	4	R.HAPGDYTPTVKPSSK.G	19
PHEAT-912	proteomics_heat	661755	661811	-	4	40	K.VMGQALPELVDQVVEVVQR.H	23
PHEAT-913	proteomics_heat	661812	661853	-	4	9	K.LNELLEFPTPFTYK.V	18
PHEAT-914	proteomics_heat	661812	661859	-	4	5	K.TKLNELLEFPTPFTYK.V	20
PHEAT-915	proteomics_heat	662125	662172	-	5	5	K.ASYVLNSELHAPLQK.N	20
PHEAT-916	proteomics_heat	662194	662238	-	5	7	R.ASLGVDKDVYLTIPR.G	19
PHEAT-917	proteomics_heat	662239	662280	-	5	2	K.EFASEPWWFGSDR.A	18
PHEAT-918	proteomics_heat	662290	662316	-	5	6	R.FFETVNPLK.V	13
PHEAT-919	proteomics_heat	662398	662442	-	5	3	K.AGYNLVASATEGQMR.L	19
PHEAT-920	proteomics_heat	662548	662577	-	5	3	R.DVPNEYSIYK.E	14
PHEAT-921	proteomics_heat	662611	662670	-	5	4	K.NTHFQTVHGLDADGQYSSAR.D	24
PHEAT-922	proteomics_heat	662671	662787	-	5	5	R.GINLQSGNDACVAMADFAAGSQDAFVGLMNSYVNALGLK.N	43
PHEAT-923	proteomics_heat	662788	662847	-	5	9	K.GSSLMFLKPGMQVPVSQLIR.G	24
PHEAT-924	proteomics_heat	662848	662913	-	5	7	K.FKETDLVTIGNDAWATGNPVFK.G	26
PHEAT-925	proteomics_heat	662923	662958	-	5	3	K.MMTSYVIGQAMK.A	16
PHEAT-926	proteomics_heat	662959	662982	-	5	2	R.RDPASLTK.M	12
PHEAT-927	proteomics_heat	662983	663012	-	5	2	K.VLAEQNADVR.R	14
PHEAT-928	proteomics_heat	663373	663399	-	5	3	K.AEASTLQQR.L	13
PHEAT-929	proteomics_heat	663472	663504	-	5	2	R.AQQYQQQLGQK.F	15
PHEAT-930	proteomics_heat	663739	663846	-	5	6	K.QTYALPAPPDLSGGAGTSSVSGPQGDILPVSNSTLK.S	40
PHEAT-931	proteomics_heat	663847	663918	-	5	6	R.IDPIIVAQDGSLSGPGMACTTVAK.Q	28
PHEAT-932	proteomics_heat	663847	663924	-	5	4	K.VRIDPIIVAQDGSLSGPGMACTTVAK.Q	30
PHEAT-933	proteomics_heat	663925	663963	-	5	3	R.AAADRLNTSNNTK.V	17
PHEAT-934	proteomics_heat	664054	664185	-	5	2	R.FSQAGLAAIYDAEPGSNLTASGEAFDPTQLTAAHPTLPIPSYAR.I	48
PHEAT-935	proteomics_heat	664225	664266	-	5	2	R.FEPLNATANQDYQR.D	18
PHEAT-936	proteomics_heat	666166	666210	-	5	2	K.FGYGHYTGIDLAEER.S	19
PHEAT-937	proteomics_heat	666397	666480	-	5	2	R.ATQGVYPPASTVKPYVAVSALSAGVITR.N	32
PHEAT-938	proteomics_heat	666481	666528	-	5	3	K.DYSALLNDPNTPLVNR.A	20
PHEAT-939	proteomics_heat	666820	666855	-	5	4	K.LANYAATHDIGK.L	16
PHEAT-940	proteomics_heat	667123	667191	-	5	2	R.TIYQIEMMPEKVDNVQQTLDALR.S	27
PHEAT-941	proteomics_heat	667669	667734	-	5	2	R.IVTLDIPGKPWDTPQLAAELER.W	26
PHEAT-942	proteomics_heat	667741	667785	-	5	2	R.ILDKEGEQMLAAAGK.N	19
PHEAT-943	proteomics_heat	668080	668121	-	5	2	R.HVMSIADHVQESR.A	18
PHEAT-944	proteomics_heat	668170	668247	-	5	5	K.ALQDFVIDKIDDLKGGDIIALDVQGK.S	30
PHEAT-945	proteomics_heat	670154	670225	-	6	2	R.VEQAVNDAAHFTPFHWVDALLMGK.S	28
PHEAT-946	proteomics_heat	670852	670905	-	5	12	R.SDEEQTSTTTDTPATPAR.V	22
PHEAT-947	proteomics_heat	671200	671241	-	5	3	R.LNGVELLDKETTRK.D	18
PHEAT-948	proteomics_heat	671263	671307	-	5	3	K.VMILDSGDPNGPLSR.A	19

PHEAT-949	proteomics_heat	671448	671471	-	4	2	R.KVIYVPGK.L	12
PHEAT-950	proteomics_heat	671496	671522	-	4	6	R.AGQEHLVAK.Y	13
PHEAT-951	proteomics_heat	671529	671567	-	4	5	K.ITVPVDATEEQVR.E	17
PHEAT-952	proteomics_heat	671529	671573	-	4	2	R.AKITVPVDATEEQVR.E	19
PHEAT-953	proteomics_heat	671628	671675	-	4	4	K.GEGDIDNAPWPVADEK.A	20
PHEAT-954	proteomics_heat	671676	671729	-	4	2	R.MLNPFTPHICFTLWQELK.G	22
PHEAT-955	proteomics_heat	671730	671765	-	4	4	R.ALMQEALLAVVR.M	16
PHEAT-956	proteomics_heat	671766	671801	-	4	2	K.LAKAPTDGEQDR.A	16
PHEAT-957	proteomics_heat	671802	671849	-	4	15	R.QTFNTAIAAIMELMNK.L	20
PHEAT-958	proteomics_heat	671802	671852	-	4	10	R.RQTFNTAIAAIMELMNK.L	21
PHEAT-959	proteomics_heat	671910	671957	-	4	11	K.GDVAALNVDALTENQK.A	20
PHEAT-960	proteomics_heat	671958	671981	-	4	6	K.LVYEHTAK.G	12
PHEAT-961	proteomics_heat	672003	672077	-	4	14	R.LFMMFASPADMTLEWQESGVEGANR.F	29
PHEAT-962	proteomics_heat	672099	672140	-	4	7	K.SKNNGIDPQVMVER.Y	18
PHEAT-963	proteomics_heat	672150	672191	-	4	5	K.DAAGHELVTGMSK.M	18
PHEAT-964	proteomics_heat	672150	672197	-	4	9	K.AKDAAGHELVTGMSK.M	20
PHEAT-965	proteomics_heat	672213	672257	-	4	3	R.NWVSPVDAIVERDEK.G	19
PHEAT-966	proteomics_heat	672222	672257	-	4	3	R.NWVSPVDAIVER.D	16
PHEAT-967	proteomics_heat	672258	672323	-	4	4	K.QLLCQGMVLADAFYYVGENDER.N	26
PHEAT-968	proteomics_heat	672324	672359	-	4	15	R.DAGMVNSDEPAK.Q	16
PHEAT-969	proteomics_heat	672480	672500	-	4	3	R.YTCPQYK.E	11
PHEAT-970	proteomics_heat	672501	672551	-	4	5	R.ETDTFDTFMESSWYYAR.Y	21
PHEAT-971	proteomics_heat	672774	672800	-	4	3	K.LTAMGVGER.K	13
PHEAT-972	proteomics_heat	672774	672872	-	4	3	K.GVLFNSGEFNGLDHEAAFNAIADKLTAMGVGER.K	37
PHEAT-973	proteomics_heat	672801	672872	-	4	5	K.GVLFNSGEFNGLDHEAAFNAIADK.L	28
PHEAT-974	proteomics_heat	672873	672935	-	4	2	K.PVILAADGSEPDLSSQQALTEK.G	25
PHEAT-975	proteomics_heat	672873	672953	-	4	12	K.YGLNIKPVILAADGSEPDLSSQQALTEK.G	31
PHEAT-976	proteomics_heat	672873	672989	-	4	2	P.GHDQRDYEFASKYGLNIKPVILAADGSEPDLSSQQALTEK.G	43
PHEAT-977	proteomics_heat	672954	672974	-	4	6	R.DYEFASK.Y	11
PHEAT-978	proteomics_heat	672975	673082	-	4	7	K.AVHPLTGEEIPVWAANFVLMMEYGTGAVMAVPGHDQR.D	40
PHEAT-979	proteomics_heat	673083	673106	-	4	3	K.KGVDTGFK.A	12
PHEAT-980	proteomics_heat	673104	673139	-	4	2	K.VAEAEMATMEKK.G	16
PHEAT-981	proteomics_heat	673107	673139	-	4	5	K.VAEAEMATMEK.K	15
PHEAT-982	proteomics_heat	673149	673196	-	4	4	K.AAENNELAAAFIDECR.N	20
PHEAT-983	proteomics_heat	673197	673247	-	4	2	F.MGCTYLAVAAGHPLAQK.A	21
PHEAT-984	proteomics_heat	673356	673424	-	4	10	K.ITAYADELLNDLKLHWPDTVK.T	27
PHEAT-985	proteomics_heat	673473	673550	-	4	3	K.TSAVNWCPNDQTVLANEQVIDGCCWR.C	30
PHEAT-986	proteomics_heat	673572	673592	-	4	2	K.FFTELYK.K	11
PHEAT-987	proteomics_heat	673605	673637	-	4	2	R.ELATCTPEYYR.W	15
PHEAT-988	proteomics_heat	673638	673667	-	4	3	K.MLGFYDWSR.E	14
PHEAT-989	proteomics_heat	673680	673730	-	4	4	K.NNTAPAPWTYDNIAYMK.N	21
PHEAT-990	proteomics_heat	673731	673793	-	4	10	K.NVLQPIGWDAFGLPAEGA AVK.N	25
PHEAT-991	proteomics_heat	673815	673844	-	4	6	R.NYTIGDVIAR.Y	14
PHEAT-992	proteomics_heat	673866	673904	-	4	5	K.YYCLSMPLPYPSSGR.L	17
PHEAT-993	proteomics_heat	673905	673940	-	4	3	R.TFEVTEDESKEK.Y	16
PHEAT-994	proteomics_heat	673905	673943	-	4	2	K.RTFE VTEDESKEK.Y	17

PHEAT-995	proteomics_heat	673944	673967	-	4	2	K.VQLHWDEK.R	12
PHEAT-996	proteomics_heat	673968	674006	-	4	5	A.MQEQRPEEIESK.V	17
PHEAT-997	proteomics_heat	683024	683053	-	6	2	K.AQIHVEDTER.F	14
PHEAT-998	proteomics_heat	683504	683542	-	6	2	K.AITSSAGNQTPEK.T	17
PHEAT-999	proteomics_heat	684359	684403	-	6	5	K.KGEVVVCGPSGSGK.S	19
PHEAT-1000	proteomics_heat	685293	685349	-	4	3	K.NSAIASTIGLVDMAAQAGK.L	23
PHEAT-1001	proteomics_heat	686074	686100	-	5	5	K.ALFKEPNDK.A	13
PHEAT-1002	proteomics_heat	686179	686229	-	5	13	K.LMDDTIAQVQTSGEAEK.W	21
PHEAT-1003	proteomics_heat	686179	686232	-	5	4	K.KLMDDTIAQVQTSGEAEK.W	22
PHEAT-1004	proteomics_heat	686233	686253	-	5	3	R.KDDPQFK.K	11
PHEAT-1005	proteomics_heat	686254	686319	-	5	10	K.KPDNWEIVGKPKQSQEAYGCMLR.K	26
PHEAT-1006	proteomics_heat	686254	686325	-	5	4	K.AKKPDNWEIVGKPKQSQEAYGCMLR.K	28
PHEAT-1007	proteomics_heat	686332	686376	-	5	7	R.AVAFMDDALLAGER.A	19
PHEAT-1008	proteomics_heat	686461	686508	-	5	7	K.AVVVTSGETTSEVLLNK.L	20
PHEAT-1009	proteomics_heat	686509	686532	-	5	2	K.DFANLKDK.A	12
PHEAT-1010	proteomics_heat	686509	686547	-	5	6	K.GGDIKDFANLKDK.A	17
PHEAT-1011	proteomics_heat	686509	686550	-	5	2	K.KGGDIKDFANLKDK.A	18
PHEAT-1012	proteomics_heat	686515	686550	-	5	2	K.KGGDIKDFANLK.D	16
PHEAT-1013	proteomics_heat	686563	686604	-	5	4	K.QAAFSDTIFVVGTR.L	18
PHEAT-1014	proteomics_heat	686611	686676	-	5	8	R.IPLLQNGTDFEFCGSTTNNVER.Q	26
PHEAT-1015	proteomics_heat	686734	686787	-	5	5	K.VVGYSQDYSNAIVEAVKK.K	22
PHEAT-1016	proteomics_heat	686737	686787	-	5	4	K.VVGYSQDYSNAIVEAVK.K	21
PHEAT-1017	proteomics_heat	686830	686856	-	5	10	K.NGVIVVGHR.E	13
PHEAT-1018	proteomics_heat	686866	686892	-	5	2	A.PAAGSTLDK.I	13
PHEAT-1019	proteomics_heat	686866	686904	-	5	16	A.DDAAPAAGSTLDK.I	17
PHEAT-1020	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1021	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1022	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1023	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1024	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1025	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1026	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1027	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1028	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1029	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1030	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1031	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1032	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1033	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1034	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1035	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1036	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1037	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1038	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1039	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1040	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14

PHEAT-1041	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1042	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1043	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1044	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1045	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1046	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1047	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1048	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1049	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1050	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1051	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1052	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1053	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1054	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1055	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1056	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1057	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1058	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1059	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1060	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1061	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1062	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1063	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1064	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1065	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1066	proteomics_heat	689259	689327	-	4	5	K.SSLIWPESAITDLEINQQPFLK.A	27
PHEAT-1067	proteomics_heat	689397	689444	-	4	2	K.TIQVSMVQGDIPQSLK.W	20
PHEAT-1068	proteomics_heat	690141	690167	-	4	3	K.IPDDSPQPK.L	13
PHEAT-1069	proteomics_heat	690168	690188	-	4	2	R.IIQVHVK.I	11
PHEAT-1070	proteomics_heat	690648	690701	-	4	4	R.FPVISEDKDHIEGILMAK.D	22
PHEAT-1071	proteomics_heat	690702	690755	-	4	2	R.NQTLDECLDVIIESAHSR.F	22
PHEAT-1072	proteomics_heat	690843	690881	-	4	5	R.DSGQNLDLIEDTR.D	17
PHEAT-1073	proteomics_heat	690912	690959	-	4	5	K.GFFSLLLSQLFHGEPK.N	20
PHEAT-1074	proteomics_heat	690960	691004	-	4	5	M.SDDNSHSSDTISNKK.G	19
PHEAT-1075	proteomics_heat	691235	691279	-	6	2	K.EAQEQGKPLEAHWAH.M	19
PHEAT-1076	proteomics_heat	691295	691381	-	6	2	K.DKPTNVLSFPFEVPPGMEMSLLDLVICR.Q	33
PHEAT-1077	proteomics_heat	691615	691656	-	5	2	R.IVNAYEAWEEAEQK.R	18
PHEAT-1078	proteomics_heat	691675	691746	-	5	8	R.HAIEVLADVEEISFNFFHSEDVVR.H	28
PHEAT-1079	proteomics_heat	691768	691809	-	5	2	K.AVITGDVTQIDLPR.N	18
PHEAT-1080	proteomics_heat	691843	691905	-	5	5	R.TLNDAFIILDESQNTTIEQMK.M	25
PHEAT-1081	proteomics_heat	691912	691947	-	5	2	R.NVIEVAPLAYMR.G	16
PHEAT-1082	proteomics_heat	692029	692061	-	5	2	K.LGFLPGDLSQK.V	15
PHEAT-1083	proteomics_heat	692062	692100	-	5	3	R.ILLTRPAVEAGEK.L	17
PHEAT-1084	proteomics_heat	692158	692238	-	5	10	R.TPNQAQYIANILDHDITFGVGPAGTGK.T	31
PHEAT-1085	proteomics_heat	692281	692322	-	5	3	R.VLEQSAESVPEYGK.A	18
PHEAT-1086	proteomics_heat	692410	692457	-	5	7	K.LTGRPICVTAADILR.S	20



PHEAT-1087	proteomics_heat	692551	692583	-	5	2	R.EITLEPADNAR.L	15
PHEAT-1088	proteomics_heat	692799	692831	-	4	2	R.VAETPESVIAR.T	15
PHEAT-1089	proteomics_heat	692871	692915	-	4	4	K.FVDVEITDVYPNSLR.G	19
PHEAT-1090	proteomics_heat	692916	692954	-	4	2	R.VVNFEGTPDMIGK.F	17
PHEAT-1091	proteomics_heat	692970	692996	-	4	2	R.KSIMELSGR.T	13
PHEAT-1092	proteomics_heat	693105	693155	-	4	2	R.PGTPAADMVDDVPEEEK.K	21
PHEAT-1093	proteomics_heat	693219	693296	-	4	7	R.AARPDIIQISSDFIVGFPGETTEDFEK.T	30
PHEAT-1094	proteomics_heat	693363	693419	-	4	7	R.DTPELVSFHLHPVQSGSDR.I	23
PHEAT-1095	proteomics_heat	693420	693473	-	4	4	R.FTTSHPIEFTDDIIEVYR.D	22
PHEAT-1096	proteomics_heat	693510	693557	-	4	2	R.GENYDGTGGSFADLLR.L	20
PHEAT-1097	proteomics_heat	693597	693668	-	4	11	R.GEEVSRPSDDILFEIAQLAAQGV.R.E	28
PHEAT-1098	proteomics_heat	693774	693821	-	4	2	R.GDRSPVVDISFPEIEK.F	20
PHEAT-1099	proteomics_heat	693849	693893	-	4	4	R.AHYVDIIFGPQTLHR.L	19
PHEAT-1100	proteomics_heat	693900	693968	-	4	6	K.EKNPDLIIGVGGCVASQEGEHIR.Q	27
PHEAT-1101	proteomics_heat	694023	694115	-	4	11	K.MADLLDATHGYQLTDVAEEADVLLNNTCSIR.E	35
PHEAT-1102	proteomics_heat	694116	694154	-	4	2	K.TWGCQMNEYDSSK.M	17
PHEAT-1103	proteomics_heat	695579	695617	-	6	2	L.FCVHSMNAMLTR.L	17
PHEAT-1104	proteomics_heat	696739	696768	-	5	5	R.AVGVHQSAYK.-	14
PHEAT-1105	proteomics_heat	696820	696903	-	5	8	R.EIFEELFPLPSAAECVPGGPSVACSSAK.A	32
PHEAT-1106	proteomics_heat	696955	697002	-	5	13	K.EVAAQQVSDQQLETAR.F	20
PHEAT-1107	proteomics_heat	697003	697056	-	5	2	R.QKEQFSDGVGYSWIDTLK.E	22
PHEAT-1108	proteomics_heat	697057	697098	-	5	2	R.ECFEAYLPASVAWR.Q	18
PHEAT-1109	proteomics_heat	697198	697227	-	5	2	K.AMSAWGVEAR.V	14
PHEAT-1110	proteomics_heat	697273	697296	-	5	4	K.ELHEETVR.K	12
PHEAT-1111	proteomics_heat	697471	697554	-	5	2	K.AAQEVANHLGTVHHEIHFTVQEGLDAIR.D	32
PHEAT-1112	proteomics_heat	697555	697620	-	5	7	R.SEAWWPQLHSAVGLPGSPDLK.A	26
PHEAT-1113	proteomics_heat	697654	697737	-	5	12	K.SHLMSDVPYGVLLSGGLDSSIIISAITKK.Y	32
PHEAT-1114	proteomics_heat	697657	697737	-	5	19	K.SHLMSDVPYGVLLSGGLDSSIIISAITK.K	31
PHEAT-1115	proteomics_heat	697762	697818	-	5	4	R.DWFDYDAVKDNVTDKNELR.Q	23
PHEAT-1116	proteomics_heat	697834	697881	-	5	8	K.EFPAGSYLWSQDGEIR.S	20
PHEAT-1117	proteomics_heat	697834	697890	-	5	3	R.TIKEFPAGSYLWSQDGEIR.S	23
PHEAT-1118	proteomics_heat	697987	698070	-	5	2	K.GPEFLDDLQGMFAFALYDSEKDAYLIGR.D	32
PHEAT-1119	proteomics_heat	698146	698196	-	5	7	K.THVLAVNGEIYNHQALR.A	21
PHEAT-1120	proteomics_heat	698197	698250	-	5	4	R.LSIVDVNAGAQPPLYNQK.T	22
PHEAT-1121	proteomics_heat	698251	698307	-	5	4	R.GPDWSGIYASDNAILAHER.L	23
PHEAT-1122	proteomics_heat	698938	698985	-	5	2	K.MQAHSEETVIVGDNLR.T	20
PHEAT-1123	proteomics_heat	699055	699099	-	5	3	R.GFYACGALCAGIEK.I	19
PHEAT-1124	proteomics_heat	699100	699132	-	5	3	R.FIATNPDTHGR.G	15
PHEAT-1125	proteomics_heat	699133	699162	-	5	3	K.AAYFVANGAR.F	14
PHEAT-1126	proteomics_heat	699190	699246	-	5	4	K.AGFTITDVNPDFVIVGETR.S	23
PHEAT-1127	proteomics_heat	699241	699291	-	5	2	K.AYVVGEGALIHELYKAG.F	21
PHEAT-1128	proteomics_heat	699247	699291	-	5	7	K.AYVVGEGALIHELYK.A	19
PHEAT-1129	proteomics_heat	699310	699384	-	5	6	R.FATAGVDVPDSVFYTSAMATADFLR.R	29
PHEAT-1130	proteomics_heat	699385	699447	-	5	4	K.GLPLVLLTNYPSQTGQDLANR.F	25
PHEAT-1131	proteomics_heat	699448	699537	-	5	5	K.NVICIDIGVLMHDNVAVPGAAEFLHGIMDK.G	34
PHEAT-1132	proteomics_heat	699723	699806	-	4	4	K.IVIAGEITEADKVLLPAIESCINTQALK.A	32

PHEAT-1133	proteomics_heat	700050	700103	-	4	2	R.NGNVGEIGHIQVEPLGER.C	22
PHEAT-1134	proteomics_heat	700119	700151	-	4	2	R.GTGAGIISNGR.I	15
PHEAT-1135	proteomics_heat	700494	700532	-	4	2	R.HDATITLFDLSSK.V	17
PHEAT-1136	proteomics_heat	700665	700712	-	4	2	R.IQIAEQSQLAPASVTK.I	20
PHEAT-1137	proteomics_heat	700770	700817	-	4	2	S.MTPGGQAQIGNVDLVK.Q	20
PHEAT-1138	proteomics_heat	700976	701020	-	6	6	R.NLVEHCGIALDEVLR.M	19
PHEAT-1139	proteomics_heat	701294	701350	-	6	3	R.AGITFATHLYNAMPYITGR.E	23
PHEAT-1140	proteomics_heat	701372	701425	-	6	8	K.LANAGIVVSAGHSNATLK.E	22
PHEAT-1141	proteomics_heat	701426	701470	-	6	2	K.VTLAPEMVPAEVISK.L	19
PHEAT-1142	proteomics_heat	701471	701527	-	6	3	R.KPDAALVDFLCENADVITK.V	23
PHEAT-1143	proteomics_heat	701558	701614	-	6	2	K.HPNQALGLHLEGPWLNLVK.K	23
PHEAT-1144	proteomics_heat	701651	701707	-	6	3	K.SGCTNYLPTLITTSDELTK.Q	23
PHEAT-1145	proteomics_heat	702091	702132	-	5	3	K.AIMVCDEPSTMELK.V	18
PHEAT-1146	proteomics_heat	702133	702210	-	5	3	K.ALALQAAVEGCVNHMWTISCLQLHPK.A	30
PHEAT-1147	proteomics_heat	702367	702444	-	5	7	K.IHLFMGGVGNDBGHIAFNEPASSLASR.T	30
PHEAT-1148	proteomics_heat	702598	702642	-	5	9	K.HVVTFNMDEYVGLPK.E	19
PHEAT-1149	proteomics_heat	702685	702765	-	5	3	R.INAFKPTADRPVFLGLPTGGTPMTTYK.A	31
PHEAT-1150	proteomics_heat	702793	702828	-	5	2	R.LIPLTTAEQVGK.W	16
PHEAT-1151	proteomics_heat	709426	709506	-	5	3	R.LTNHSLYLYGHCAEGDCREDEHAHEGK.-	31
PHEAT-1152	proteomics_heat	709453	709506	-	5	2	R.LTNHSLYLYGHCAEGDCR.E	22
PHEAT-1153	proteomics_heat	709474	709506	-	5	2	R.LTNHSLYLYGH.C	15
PHEAT-1154	proteomics_heat	709540	709575	-	5	4	K.VIEFSDDSIEAR.Q	16
PHEAT-1155	proteomics_heat	709576	709638	-	5	2	K.SVFELTQQHHHDHLCCLDCGK.V	25
PHEAT-1156	proteomics_heat	709660	709698	-	5	3	R.VLNQFDDAGIVTR.H	17
PHEAT-1157	proteomics_heat	709699	709743	-	5	3	R.LIDMGEEIGLATVYR.V	19
PHEAT-1158	proteomics_heat	709744	709806	-	5	3	K.ILEVLQEPDNHHVSAEDLYKR.L	25
PHEAT-1159	proteomics_heat	709747	709806	-	5	2	K.ILEVLQEPDNHHVSAEDLYK.R	24
PHEAT-1160	proteomics_heat	710221	710295	-	5	7	K.GLADDDHFVGLAIDEDRQPELTAER.V	29
PHEAT-1161	proteomics_heat	710296	710352	-	5	9	R.GATIVGHWPTAGYHFEASK.G	23
PHEAT-1162	proteomics_heat	710371	710445	-	5	4	K.LVALFGCGDQEDYAEYFCDALGTIR.D	29
PHEAT-1163	proteomics_heat	710575	710604	-	5	3	K.DVADVHDIK.S	14
PHEAT-1164	proteomics_heat	710575	710616	-	5	3	K.QLGKDADVHDIK.S	18
PHEAT-1165	proteomics_heat	710629	710685	-	5	7	M.AITGIFFGSDTGNTENIAK.M	23
PHEAT-1166	proteomics_heat	711534	711575	-	4	5	R.QHLNEEGVIQFLK.S	18
PHEAT-1167	proteomics_heat	711660	711701	-	4	3	K.LVAIDIAPVDYHVR.R	18
PHEAT-1168	proteomics_heat	711702	711746	-	4	2	K.AVMALTALASDRIDK.L	19
PHEAT-1169	proteomics_heat	711747	711779	-	4	3	K.ATFIGHSMGGK.A	15
PHEAT-1170	proteomics_heat	711873	711914	-	4	2	R.DLVNDHNIIQVDMR.N	18
PHEAT-1171	proteomics_heat	711915	712007	-	4	13	R.AQTAQNQHNSPIVLVHGLFGSLDNLGLVLAR.D	35
PHEAT-1172	proteomics_heat	714543	714599	-	4	3	K.VFVVFAGCGVNALSGLQNR.L	23
PHEAT-1173	proteomics_heat	721532	721609	-	6	7	R.TPLTVLFGQAEILTDLASEGSPHAR.Q	30
PHEAT-1174	proteomics_heat	731786	731851	-	6	5	T.SSPSGPVHAAIPVLPCCGPAGR.K	26
PHEAT-1175	proteomics_heat	736252	736296	-	5	4	C.RTDTGYNSGNSIVNR.N	19
PHEAT-1176	proteomics_heat	752435	752461	-	6	3	R.QLYTGYEKR.D	13
PHEAT-1177	proteomics_heat	752438	752461	-	6	2	R.QLYTGYEK.R	12
PHEAT-1178	proteomics_heat	752477	752527	-	6	20	R.TVGWIAHWSEMHS DG MK.I	21

PHEAT-1179	proteomics_heat	752528	752578	-	6	27	K.AMGIPSSMFTVIFAMAR.T	21
PHEAT-1180	proteomics_heat	752579	752620	-	6	19	K.LYPNVDFYSGIILK.A	18
PHEAT-1181	proteomics_heat	752579	752623	-	6	51	K.KLYPNVDFYSGIILK.A	19
PHEAT-1182	proteomics_heat	752621	752692	-	6	7	K.DDLLEVAMELENIALNDPYFIEKK.L	28
PHEAT-1183	proteomics_heat	752624	752692	-	6	11	K.DDLLEVAMELENIALNDPYFIEK.K	27
PHEAT-1184	proteomics_heat	752624	752707	-	6	27	K.ELGTKDDLLEVAMELENIALNDPYFIEK.K	32
PHEAT-1185	proteomics_heat	752708	752731	-	6	3	R.ETCHEVLK.E	12
PHEAT-1186	proteomics_heat	752843	752869	-	6	3	K.MLEEISSVK.H	13
PHEAT-1187	proteomics_heat	752870	752935	-	6	9	C.IAAGIASLWGPAHGGANEAAALK.M	26
PHEAT-1188	proteomics_heat	752870	752971	-	6	52	R.TAGSSGANPFACIAAGIASLWGPAHGGANEAAALK.M	38
PHEAT-1189	proteomics_heat	752972	753025	-	6	71	R.ILILHADHEQNASTSTVR.T	22
PHEAT-1190	proteomics_heat	753038	753082	-	6	3	F.STPCEPYEVNPILER.A	19
PHEAT-1191	proteomics_heat	753038	753124	-	6	21	R.NDLSYAGNFLNMMFSTPCEPYEVNPILER.A	33
PHEAT-1192	proteomics_heat	753125	753157	-	6	11	K.YSIGQPFVYPR.N	15
PHEAT-1193	proteomics_heat	753158	753187	-	6	5	K.MPTMAAMCYK.Y	14
PHEAT-1194	proteomics_heat	753224	753250	-	6	3	H.DSLDVNNPR.H	13
PHEAT-1195	proteomics_heat	753224	753310	-	6	117	R.DSHPMAMCGITGALAAFYHDSLVDVNNPR.H	33
PHEAT-1196	proteomics_heat	753377	753481	-	6	46	R.GFPIDQLATDSNYLEVCIILLNGEKPTQEYDEFK.T	39
PHEAT-1197	proteomics_heat	753482	753523	-	6	23	K.ITFIDGDEGILLHR.G	18
PHEAT-1198	proteomics_heat	753524	753559	-	6	3	D.PGFTSTASCESK.I	16
PHEAT-1199	proteomics_heat	753524	753568	-	6	3	F.TFDPGFTSTASCESK.I	19
PHEAT-1200	proteomics_heat	753524	753577	-	6	16	K.GVFTFDPGFTSTASCESK.I	22
PHEAT-1201	proteomics_heat	753593	753625	-	6	5	K.GTLGQDVIDIR.T	15
PHEAT-1202	proteomics_heat	753593	753670	-	6	4	K.LTLNGDTAVELDVLKGTGQDVIDIR.T	30
PHEAT-1203	proteomics_heat	753626	753670	-	6	51	K.LTLNGDTAVELDVLK.G	19
PHEAT-1204	proteomics_heat	753626	753676	-	6	5	K.AKLTNLNGDTAVELDVLK.G	21
PHEAT-1205	proteomics_heat	758202	758246	-	4	2	R.MLVTTEAVCVNELQD.F	19
PHEAT-1206	proteomics_heat	771331	771372	-	5	6	R.TAAIPKLAIAKER.L	18
PHEAT-1207	proteomics_heat	784163	784222	-	6	9	K.VQTGDGINNDVDTKTDGTTQ.-	24
PHEAT-1208	proteomics_heat	784181	784222	-	6	2	K.VQTGDGINNDVDTK.T	18
PHEAT-1209	proteomics_heat	784181	784225	-	6	3	K.KVQTGDGINNDVDTK.T	19
PHEAT-1210	proteomics_heat	784391	784468	-	6	17	A.ADSGAQTNGQANAAADAGQVAPDAR.E	30
PHEAT-1211	proteomics_heat	786102	786137	-	4	10	R.YYLGNADEIAAK.A	16
PHEAT-1212	proteomics_heat	786138	786239	-	4	30	K.YLDNMSEEEIELNIPTGVPLVYEFDENFKPLKR.Y	38
PHEAT-1213	proteomics_heat	786141	786239	-	4	6	K.YLDNMSEEEIELNIPTGVPLVYEFDENFKPLK.R	37
PHEAT-1214	proteomics_heat	786252	786284	-	4	40	R.VIAAHGNSLR.A	15
PHEAT-1215	proteomics_heat	786303	786338	-	4	7	R.VIPYWNETILPR.M	16
PHEAT-1216	proteomics_heat	786303	786341	-	4	2	D.RVIPYWNETILPR.M	17
PHEAT-1217	proteomics_heat	786339	786380	-	4	19	K.ELPLTESLALTIDR.V	18
PHEAT-1218	proteomics_heat	786339	786392	-	4	7	K.LSEKELPLTESLALTIDR.V	22
PHEAT-1219	proteomics_heat	786402	786434	-	4	2	K.DDERYPGH DPR.Y	15
PHEAT-1220	proteomics_heat	786423	786470	-	4	3	R.RGFAVTPPELTKDDER.Y	20
PHEAT-1221	proteomics_heat	786435	786467	-	4	2	R.GFAVTPPELTK.D	15
PHEAT-1222	proteomics_heat	786435	786470	-	4	11	R.RGFAVTPPELTK.D	16
PHEAT-1223	proteomics_heat	786480	786518	-	4	2	K.AETAKEYGDEQVK.Q	17
PHEAT-1224	proteomics_heat	786501	786548	-	4	3	R.HYGALQGLNKAETAEK.Y	20

PHEAT-1225	proteomics_heat	786519	786548	-	4	4	R.HYGALQGLNK.A	14
PHEAT-1226	proteomics_heat	786570	786632	-	4	15	R.AIHTLWNVLDDELQAWLPVEK.S	25
PHEAT-1227	proteomics_heat	786633	786689	-	4	19	K.LLKEEGYSFDFAYTSVLKR.A	23
PHEAT-1228	proteomics_heat	786636	786680	-	4	8	K.EEGYSFDFAYTSVLK.R	19
PHEAT-1229	proteomics_heat	786636	786689	-	4	46	K.LLKEEGYSFDFAYTSVLK.R	22
PHEAT-1230	proteomics_heat	786720	786755	-	4	9	R.FTGWYDVLSEK.G	16
PHEAT-1231	proteomics_heat	786756	786788	-	4	2	R.HGESQWKNENR.F	15
PHEAT-1232	proteomics_heat	786765	786788	-	4	8	R.HGESQWNK.E	12
PHEAT-1233	proteomics_heat	787176	787241	-	4	5	K.VYTTAPALQFYSGNFLGGTPSR.G	26
PHEAT-1234	proteomics_heat	787254	787286	-	4	10	K.VAAHVWSADEK.L	15
PHEAT-1235	proteomics_heat	787341	787382	-	4	2	K.IIASEFLADDDQRK.V	18
PHEAT-1236	proteomics_heat	787344	787382	-	4	5	K.IIASEFLADDDQR.K	17
PHEAT-1237	proteomics_heat	787422	787487	-	4	7	K.LQILADEYLPVDEGGIPHDGLK.S	26
PHEAT-1238	proteomics_heat	787497	787577	-	4	4	R.ATVDKPCPVNMTNHVYFNLDGEQSDVR.N	31
PHEAT-1239	proteomics_heat	787614	787691	-	4	2	R.QVLFALSSDDGDQGFPGNLGATVQYR.L	30
PHEAT-1240	proteomics_heat	787692	787718	-	4	2	R.WQIVNQNDR.Q	13
PHEAT-1241	proteomics_heat	787725	787808	-	4	4	R.YTFDGETVTLSPSQGVNQLHGGPEGFDK.R	32
PHEAT-1242	proteomics_heat	787836	787910	-	4	8	R.EALLGCASPECYQDQAAFLGASIGR.Y	29
PHEAT-1243	proteomics_heat	787938	787997	-	4	32	R.NNAGMVVTLMDWGATLLSAR.I	24
PHEAT-1244	proteomics_heat	788336	788380	-	6	2	R.TVEAASALEQGD LKR.M	19
PHEAT-1245	proteomics_heat	789119	789184	-	6	4	K.TQSLFANAFGYPATHTTIQAPGR.V	26
PHEAT-1246	proteomics_heat	789251	789280	-	6	7	R.DLTAEQAER.L	14
PHEAT-1247	proteomics_heat	790364	790405	-	6	4	R.REGDLPAYWADASK.A	18
PHEAT-1248	proteomics_heat	790445	790531	-	6	24	K.LANKPGVHIYNL GAGVGN SVLDDVVNAFSK.A	33
PHEAT-1249	proteomics_heat	790532	790585	-	6	2	R.DYIHVMDLADGHV VAMEK.L	22
PHEAT-1250	proteomics_heat	790586	790642	-	6	4	R.DSLAIFGNDYPT EDGTGVR.D	23
PHEAT-1251	proteomics_heat	790646	790750	-	6	2	R.YFNPVGAHPSGDMGEDPQGIPNNLMPYIAQVAVGR.R	39
PHEAT-1252	proteomics_heat	790784	790819	-	6	3	K.LMVEQILTDLQK.A	16
PHEAT-1253	proteomics_heat	790826	790879	-	6	3	K.IPYVESFPTGTPQSPY GK.S	22
PHEAT-1254	proteomics_heat	790961	791026	-	6	4	K.AVGESVQKPLEYYDN NVNGTLR.L	26
PHEAT-1255	proteomics_heat	791027	791098	-	6	6	R.NEALMTEILHDHA IDTVIHFAGLK.A	28
PHEAT-1256	proteomics_heat	791701	791757	-	5	2	K.HPTLLILDEPLQGLDPLNR.Q	23
PHEAT-1257	proteomics_heat	791788	791832	-	5	3	R.TADAPFHSLSWGQQR.L	19
PHEAT-1258	proteomics_heat	792043	792114	-	5	3	K.STLLSLVTGDHPQ GYSNDLTLFGR.R	28
PHEAT-1259	proteomics_heat	792355	792429	-	5	4	R.FDEIPEFVQFAGVLADCTLAETGAK.E	29
PHEAT-1260	proteomics_heat	792499	792582	-	5	6	K.TLLCQALMSEPD LLLILDEPFDGLDVASR.Q	32
PHEAT-1261	proteomics_heat	792667	792711	-	5	4	R.TTAEIIQDEVKDAPR.C	19
PHEAT-1262	proteomics_heat	792712	792756	-	5	5	R.NNTDMLGPEGDDTGR.T	19
PHEAT-1263	proteomics_heat	793361	793390	-	6	2	K.VAITAQSGAR.L	14
PHEAT-1264	proteomics_heat	793508	793573	-	6	2	K.AFDVLSDDDALPLN SLLAAISR.F	26
PHEAT-1265	proteomics_heat	796839	796904	-	4	7	R.ANIVIGDNNTDSIA QFIYSHLI.-	26
PHEAT-1266	proteomics_heat	797136	797183	-	4	3	K.FALTHDDLPLQLQHFGK.H	20
PHEAT-1267	proteomics_heat	797343	797387	-	4	3	K.ALQLIEMLNEH HIIHG.L	19
PHEAT-1268	proteomics_heat	805260	805280	-	4	2	R.MWEYNNR.G	11
PHEAT-1269	proteomics_heat	805308	805352	-	4	2	F.AGNTGSVDDNDEIQR.N	19
PHEAT-1270	proteomics_heat	805308	805394	-	4	2	T.AKPWADAVISNRPFAGNTGSVDDNDEIQR.N	33

PHEAT-1271	proteomics_heat	805308	805424	-	4	2	R.DSAINEGFNTAKPWADAVISNRPFAGNTGSVDDNDEIQR.N	43
PHEAT-1272	proteomics_heat	805470	805508	-	4	3	R.FNAFGDGVAQLGR.S	17
PHEAT-1273	proteomics_heat	805509	805586	-	4	22	R.TQQEAYVFAPATLSNIYYGFLAVNSR.F	30
PHEAT-1274	proteomics_heat	805635	805688	-	4	2	R.TLVTNSYIEGDVDIVSGR.G	22
PHEAT-1275	proteomics_heat	805713	805754	-	4	6	R.QNTFFVTNSGVQNR.L	18
PHEAT-1276	proteomics_heat	805755	805802	-	4	7	R.TDGDQVQINNVNIGR.Q	20
PHEAT-1277	proteomics_heat	805941	805991	-	4	3	K.YMPGKPAWYMYDSCQSK.R	21
PHEAT-1278	proteomics_heat	806016	806060	-	4	3	K.IGLSLDGGMSPADWR.H	19
PHEAT-1279	proteomics_heat	806061	806168	-	4	3	R.QYIAMPGEYQGTVYVPAAPGGITLYGTGEKPIDVK.I	40
PHEAT-1280	proteomics_heat	806788	806832	-	5	4	K.TGYDGAAPPKGETHR.Y	19
PHEAT-1281	proteomics_heat	806848	806910	-	5	6	R.VLPQGFSGSLVAMPDGVLTQR.T	25
PHEAT-1282	proteomics_heat	807001	807081	-	5	2	R.HVFNGMGYDGDNISPHLAWDDVPAGTK.S	31
PHEAT-1283	proteomics_heat	807296	807337	-	6	2	K.FFVEQGVWIRPFGK.L	18
PHEAT-1284	proteomics_heat	807338	807400	-	6	3	R.VLGAIGVVETTHPVNMAALQK.F	25
PHEAT-1285	proteomics_heat	807401	807427	-	6	4	R.DAEMVADV.R	13
PHEAT-1286	proteomics_heat	807938	807982	-	6	2	K.GYLPENLFAPAPQSR.M	19
PHEAT-1287	proteomics_heat	815565	815618	-	4	2	R.FGGNGELSGHNLGNLMLK.A	22
PHEAT-1288	proteomics_heat	828329	828415	-	6	3	K.VLLYTDGRDPKPYHGQIGFVSPTAEFTPK.T	33
PHEAT-1289	proteomics_heat	828878	828931	-	6	2	K.AGVSVAAQYDLMLAGYR.N	22
PHEAT-1290	proteomics_heat	828932	828994	-	6	2	K.AGQVLGELDHKPYEIALMQAK.A	25
PHEAT-1291	proteomics_heat	836987	837040	-	6	2	K.IGVVSADGASTLDALEAK.L	22
PHEAT-1292	proteomics_heat	837041	837082	-	6	2	A.AEPVTASQAQNMNK.I	18
PHEAT-1293	proteomics_heat	837936	838007	-	4	2	R.VKLPAGDLVLYPSSSLHCVPVTR.G	28
PHEAT-1294	proteomics_heat	838925	838984	-	6	3	R.TDIENEVEQNDDGTYSQYGK.K	24
PHEAT-1295	proteomics_heat	840293	840328	-	6	2	R.DTFNTEQVEVIK.G	16
PHEAT-1296	proteomics_heat	844967	844993	-	6	4	R.LQEFLQHVS.-	13
PHEAT-1297	proteomics_heat	845012	845047	-	6	3	R.IAEDGNPQVLK.N	16
PHEAT-1298	proteomics_heat	845171	845218	-	6	7	K.MMLFDEPTSALDPELR.H	20
PHEAT-1299	proteomics_heat	845255	845299	-	6	4	R.AHHYPSSELSGGQQQR.V	19
PHEAT-1300	proteomics_heat	845375	845425	-	6	5	Y.LFPHLTALENVMFGLR.V	21
PHEAT-1301	proteomics_heat	845495	845551	-	6	2	R.CINKLEEITSGDLIVDGLK.V	23
PHEAT-1302	proteomics_heat	845540	845644	-	6	2	T.QVLHNIDLNIAQGEVVIIIGPSGSGKSTLLRCINK.L	39
PHEAT-1303	proteomics_heat	846505	846537	-	5	4	R.ENGTYNEIYKK.W	15
PHEAT-1304	proteomics_heat	846505	846546	-	5	3	K.TLRENGTYNEIYKK.W	18
PHEAT-1305	proteomics_heat	846547	846588	-	5	2	K.GSDELRDKVNGALK.T	18
PHEAT-1306	proteomics_heat	846589	846639	-	5	5	K.AVGDSLEAQYGIAPFK.G	21
PHEAT-1307	proteomics_heat	846664	846711	-	5	12	R.ADAVLHDTPNILYFIK.T	20
PHEAT-1308	proteomics_heat	846712	846759	-	5	7	R.QFPNIDNAYMELGTNR.A	20
PHEAT-1309	proteomics_heat	846877	846900	-	5	4	K.SGLLVMVK.A	12
PHEAT-1310	proteomics_heat	846982	847041	-	5	6	K.LDYELKPMDFSGIIPALQTK.N	24
PHEAT-1311	proteomics_heat	846982	847050	-	5	5	K.ELKLDYELKPMDFSGIIPALQTK.N	27
PHEAT-1312	proteomics_heat	847105	847149	-	5	8	K.LVVATDTAFVPEFEK.Q	19
PHEAT-1313	proteomics_heat	847105	847152	-	5	5	K.KLVVATDTAFVPEFEK.Q	20
PHEAT-1314	proteomics_heat	847676	847714	-	6	16	K.DDDTADILTAASR.D	17
PHEAT-1315	proteomics_heat	847676	847732	-	6	6	K.AIGEAKDDDTADILTAASR.D	23
PHEAT-1316	proteomics_heat	847676	847735	-	6	3	R.KAIGEAKDDDTADILTAASR.D	24

PHEAT-1317	proteomics_heat	847676	847759	-	6	3	Y.AIVANDVRKAIGEAKDDDDTADILTAASR.D	32
PHEAT-1318	proteomics_heat	847733	847762	-	6	6	R.YAIVANDVRK.A	14
PHEAT-1319	proteomics_heat	847736	847762	-	6	4	R.YAIVANDVR.K	13
PHEAT-1320	proteomics_heat	847778	847813	-	6	2	Y.PLDIHNVQDHLK.E	16
PHEAT-1321	proteomics_heat	847778	847819	-	6	16	K.SYPLDIHNVQDHLK.E	18
PHEAT-1322	proteomics_heat	847832	847885	-	6	9	R.AVQLGGVALGTTQVINSK.T	22
PHEAT-1323	proteomics_heat	847886	847924	-	6	7	R.TALIDHLDTMAER.A	17
PHEAT-1324	proteomics_heat	847925	847969	-	6	14	R.GANFIADVHEMLDGFR.T	19
PHEAT-1325	proteomics_heat	847991	848029	-	6	15	R.QVIQFIDLSLITK.Q	17
PHEAT-1326	proteomics_heat	848030	848053	-	6	3	K.ATVELLNR.Q	12
PHEAT-1327	proteomics_heat	848030	848056	-	6	4	K.KATVELLNR.Q	13
PHEAT-1328	proteomics_heat	848081	848104	-	6	7	K.ATNLLYTR.N	12
PHEAT-1329	proteomics_heat	848081	848110	-	6	2	K.SKATNLLYTR.N	14
PHEAT-1330	proteomics_heat	854080	854142	-	5	2	K.SVQTVTGQPDVDQVVLDEAIK.N	25
PHEAT-1331	proteomics_heat	854143	854223	-	5	9	R.YIEVHNPLSTTEAQFEGQEIVPITLTK.S	31
PHEAT-1332	proteomics_heat	854224	854277	-	5	3	R.VQFIDEQVATTEPDGSR.Y	22
PHEAT-1333	proteomics_heat	854296	854322	-	5	2	N.EDIKFLFEK.V	13
PHEAT-1334	proteomics_heat	854353	854400	-	5	8	R.LYAIHGTNANFGIGLR.V	20
PHEAT-1335	proteomics_heat	854353	854400	-	5	8	R.LYAIHGTNANFGIGLR.V	20
PHEAT-1336	proteomics_heat	854401	854481	-	5	6	R.AAGEPLPAVVPAGPDNPMGLYALYIGR.L	31
PHEAT-1337	proteomics_heat	854545	854571	-	5	2	K.DTPINWTTK.V	13
PHEAT-1338	proteomics_heat	854572	854622	-	5	3	K.GTNTVIVLPIGIGQLGK.D	21
PHEAT-1339	proteomics_heat	854641	854727	-	5	10	K.GGTVLNIPQQILPDTVHEGIVINSAEMR.L	33
PHEAT-1340	proteomics_heat	857526	857564	-	4	2	R.TEVEEYTVDNNTTK.C	17
PHEAT-1341	proteomics_heat	857652	857690	-	4	4	K.GLGAHTDSGALER.W	17
PHEAT-1342	proteomics_heat	858439	858519	-	5	5	R.YATDDNNHEGALNVIQAVLDNTSPFNS.-	31
PHEAT-1343	proteomics_heat	858760	858807	-	5	2	K.FSLNLPDEQIPLVIDK.L	20
PHEAT-1344	proteomics_heat	858808	858855	-	5	3	R.LKPVKDYQEIDDLVK.F	20
PHEAT-1345	proteomics_heat	859195	859239	-	5	3	K.VIVTDMDGTFLNDAK.T	19
PHEAT-1346	proteomics_heat	864095	864133	-	6	2	R.QLHSDATVGQPK.V	17
PHEAT-1347	proteomics_heat	864724	864762	-	5	2	K.LAIKPGKPFAPGK.L	17
PHEAT-1348	proteomics_heat	864970	865050	-	5	5	R.VALFSTGDELQLPGQPLGDGQIYDTNR.L	31
PHEAT-1349	proteomics_heat	865060	865122	-	5	6	R.LTTAELPVIASLGIAEVPVIR.K	25
PHEAT-1350	proteomics_heat	865123	865173	-	5	3	R.RGEDISAGAVVFPAGTR.L	21
PHEAT-1351	proteomics_heat	865123	865176	-	5	3	R.RRGEDISAGAVVFPAGTR.L	22
PHEAT-1352	proteomics_heat	865213	865296	-	5	3	R.IMTGAPVPEGCEAVVMQEQTEQMDNGVR.F	32
PHEAT-1353	proteomics_heat	865297	865350	-	5	5	K.SFAGQPYHGEWPAGTCIR.I	22
PHEAT-1354	proteomics_heat	865351	865395	-	5	3	R.LADIASGQPLPVAGK.S	19
PHEAT-1355	proteomics_heat	865396	865473	-	5	8	R.ILASDVVSPLDVPFGDNSAMDGYAVR.L	30
PHEAT-1356	proteomics_heat	865474	865527	-	5	6	R.VTPLTAQETLPLVQCFCGR.I	22
PHEAT-1357	proteomics_heat	865528	865587	-	5	6	F.MEFTTGLMSLDTALNEMLSR.V	24
PHEAT-1358	proteomics_heat	875936	875983	-	6	4	R.VKVEHADEYDLWGSRV.-	20
PHEAT-1359	proteomics_heat	875984	876064	-	6	2	R.SMADAPEIDGAVYLNGETNVKPGDILR.V	31
PHEAT-1360	proteomics_heat	876137	876172	-	6	3	R.FMQLQQQISAER.L	16
PHEAT-1361	proteomics_heat	876449	876493	-	6	6	K.ILPYLDIPLQHASPR.I	19
PHEAT-1362	proteomics_heat	876494	876556	-	6	5	R.LHYVYPYPHVDDVIPLMAEGK.I	25

PHEAT-1363	proteomics_heat	876575	876610	-	6	3	K.TSMVSLCEQLSK.L	16
PHEAT-1364	proteomics_heat	876611	876640	-	6	6	R.TGFHNGEVPK.T	14
PHEAT-1365	proteomics_heat	876647	876697	-	6	3	K.EILVISQDTSAYGVVDVK.H	21
PHEAT-1366	proteomics_heat	876719	876769	-	6	5	R.GDLVSRPIGEVLSEAKR.L	21
PHEAT-1367	proteomics_heat	876854	876895	-	6	6	K.HNPFLSLVPEQGVK.L	18
PHEAT-1368	proteomics_heat	879254	879298	-	6	9	K.ECDALFALLDAELAK.V	19
PHEAT-1369	proteomics_heat	879299	879328	-	6	16	R.DQAAIDASCK.E	14
PHEAT-1370	proteomics_heat	879371	879412	-	6	2	K.WMDWANQTLNAHR.G	18
PHEAT-1371	proteomics_heat	879431	879457	-	6	2	K.RLWIDSPAR.R	13
PHEAT-1372	proteomics_heat	879458	879484	-	6	2	R.YLAAQYGQK.R	13
PHEAT-1373	proteomics_heat	879485	879532	-	6	7	R.DDESDLILWESNAIVR.Y	20
PHEAT-1374	proteomics_heat	879533	879601	-	6	3	R.EFGINHADDFLAMNPGLVPLLR.D	27
PHEAT-1375	proteomics_heat	879602	879658	-	6	7	K.VLLTLEELPYEQILAGR.E	23
PHEAT-1376	proteomics_heat	879602	879661	-	6	2	K.KVLLTLEELPYEQILAGR.E	24
PHEAT-1377	proteomics_heat	881742	881774	-	4	3	R.SASHYLLSDQK.S	15
PHEAT-1378	proteomics_heat	885028	885096	-	5	3	K.DAFATVVEHLLTRPEVEIIACGK.N	27
PHEAT-1379	proteomics_heat	885124	885204	-	5	11	Q.LISFFPEIANEIAFVAENGGWVSEGK.D	31
PHEAT-1380	proteomics_heat	888449	888493	-	6	2	K.LQHQLDQTSAQQIAR.E	19
PHEAT-1381	proteomics_heat	889824	889859	-	4	3	R.AEGITKEDLQK.A	16
PHEAT-1382	proteomics_heat	889860	889907	-	4	4	K.LSNERDDFQYQYVDIR.A	20
PHEAT-1383	proteomics_heat	899115	899141	-	4	3	K.LNNALAAIK.A	13
PHEAT-1384	proteomics_heat	899157	899216	-	4	8	K.VTDPQYFGTGLGIARPDNK.A	24
PHEAT-1385	proteomics_heat	899217	899249	-	4	6	K.TNPQLGVATEK.V	15
PHEAT-1386	proteomics_heat	899250	899297	-	4	11	R.IDGVFGDTAVVNEWLK.T	20
PHEAT-1387	proteomics_heat	899307	899351	-	4	5	K.TVSYDSYQNAFIDLK.N	19
PHEAT-1388	proteomics_heat	899352	899381	-	4	12	K.YIQDQHPEVK.T	14
PHEAT-1389	proteomics_heat	899382	899414	-	4	8	R.IGMENGTTTHQK.Y	15
PHEAT-1390	proteomics_heat	899457	899510	-	4	15	K.QVSFTTPYYENSAVVIK.K	22
PHEAT-1391	proteomics_heat	899517	899558	-	4	3	K.YDAVISGMDITPER.S	18
PHEAT-1392	proteomics_heat	899517	899561	-	4	12	R.KYDAVISGMDITPER.S	19
PHEAT-1393	proteomics_heat	899568	899630	-	4	5	K.QMQAECTFTNHAFDSLIPSLK.F	25
PHEAT-1394	proteomics_heat	899643	899732	-	4	13	K.INFGVSATYPPFESIGANNEIVGFDIDLAK.A	34
PHEAT-1395	proteomics_heat	900952	900996	-	5	2	R.HALPGLGNQWLVLK.D	19
PHEAT-1396	proteomics_heat	901495	901524	-	5	9	K.DGTYETIYNK.W	14
PHEAT-1397	proteomics_heat	901582	901629	-	5	6	K.VTDKDYFGTGLGI AVR.Q	20
PHEAT-1398	proteomics_heat	901582	901650	-	5	5	K.LAAVGDKVTDKDYFGTGLGI AVR.Q	27
PHEAT-1399	proteomics_heat	901651	901710	-	5	2	R.IDGVFGDTAVVTEWLKDNPK.L	24
PHEAT-1400	proteomics_heat	901663	901710	-	5	3	R.IDGVFGDTAVVTEWLK.D	20
PHEAT-1401	proteomics_heat	901732	901779	-	5	4	K.HPEITTVPYDSYQNAK.L	20
PHEAT-1402	proteomics_heat	901732	901794	-	5	11	K.FIMDKHPEITTVPYDSYQNAK.L	25
PHEAT-1403	proteomics_heat	901861	901923	-	5	5	K.QVLFITPPYDNSALFVGQQK.Y	25
PHEAT-1404	proteomics_heat	901861	901929	-	5	2	R.EKQVLFITPPYDNSALFVGQQK.Y	27
PHEAT-1405	proteomics_heat	901930	901974	-	5	11	R.RVEAVMAGMDITPER.E	19
PHEAT-1406	proteomics_heat	901981	902043	-	5	3	K.EIDATCTFSNQAFDSLIPSLK.F	25
PHEAT-1407	proteomics_heat	902044	902139	-	5	10	R.FATEASYPPFESIDANNQIVGFDVLAQALCK.E	36
PHEAT-1408	proteomics_heat	902134	902244	-	5	2	K.LSLSLRFGITTMKKVLIAALIAGFSLSATAAETIRFA.T	41

PHEAT-1409	proteomics_heat	902247	902327	-	4	2	R.VVYMENGHIVEQGDASCFTPEPQTEAFK.N	31
PHEAT-1410	proteomics_heat	902403	902495	-	4	8	R.ALMMEPQVLLFDEPTAALDPEITAQIVSIIR.E	35
PHEAT-1411	proteomics_heat	902511	902546	-	4	2	R.YPLHLSGGQQQR.V	16
PHEAT-1412	proteomics_heat	902748	902792	-	4	4	R.SGTLNIAGNHDFDK.T	19
PHEAT-1413	proteomics_heat	903196	903237	-	5	10	R.YLGGSVHATAGTLR.Q	18
PHEAT-1414	proteomics_heat	903349	903402	-	5	5	R.TTLPDSAHVASASTIPNR.D	22
PHEAT-1415	proteomics_heat	903451	903480	-	5	2	K.LATLLSDASR.D	14
PHEAT-1416	proteomics_heat	903451	903522	-	5	4	R.SNDITALRPYLSDKLATLLSDASR.D	28
PHEAT-1417	proteomics_heat	903481	903522	-	5	4	R.SNDITALRPYLSDK.L	18
PHEAT-1418	proteomics_heat	903535	903594	-	5	3	R.SGPCVEGGPDNVAQQFYDYR.I	24
PHEAT-1419	proteomics_heat	907534	907566	-	5	2	R.EQLAEVAAHWR.A	15
PHEAT-1420	proteomics_heat	907567	907593	-	5	3	R.LVTHLDVSR.E	13
PHEAT-1421	proteomics_heat	907594	907626	-	5	3	R.NVLINASPIVR.L	15
PHEAT-1422	proteomics_heat	907633	907674	-	5	2	R.VGEENAAAALGEYMK.A	18
PHEAT-1423	proteomics_heat	907726	907773	-	5	4	R.LQEDHDNAAWMAEQLR.E	20
PHEAT-1424	proteomics_heat	908011	908040	-	5	4	R.NLALHVDGAR.I	14
PHEAT-1425	proteomics_heat	908092	908124	-	5	3	K.LLSLENTNGK.V	15
PHEAT-1426	proteomics_heat	908302	908370	-	5	2	K.EAAIFLPTGTQANLVALLSHCER.G	27
PHEAT-1427	proteomics_heat	908371	908457	-	5	5	M.MAAPVGDDVYGDDPTVNALQDYAAELSGK.E	33
PHEAT-1428	proteomics_heat	908686	908733	-	5	2	R.AFSIDGPVLVDVVVAK.E	20
PHEAT-1429	proteomics_heat	908734	908763	-	5	2	K.ASEVDEALQR.A	14
PHEAT-1430	proteomics_heat	908773	908805	-	5	2	R.IAEACGITGIR.V	15
PHEAT-1431	proteomics_heat	908998	909078	-	5	5	R.LLGSFNHGSMANAMPQALGAQATEPER.Q	31
PHEAT-1432	proteomics_heat	909208	909243	-	5	3	R.KGLDDLAKPSEK.A	16
PHEAT-1433	proteomics_heat	909364	909411	-	5	4	K.IIQIDINPASIGAHSK.V	20
PHEAT-1434	proteomics_heat	909436	909489	-	5	2	H.TMMNADTLVLLGTQFPYR.A	22
PHEAT-1435	proteomics_heat	909622	909675	-	5	3	R.YSSNIALMCGSGCAGAHK.E	22
PHEAT-1436	proteomics_heat	909835	909906	-	5	5	R.ECSHYCELVSSPEQIPQVLAIAMR.K	28
PHEAT-1437	proteomics_heat	909907	910002	-	5	2	R.NHVPVLAIAAHIPSSEIGSGYFQETHPQELFR.E	36
PHEAT-1438	proteomics_heat	910159	910212	-	5	2	R.IWGVGTGDSLNGLSDSLNR.M	22
PHEAT-1439	proteomics_heat	916181	916228	-	6	11	T.LGTFGTVPLRIRRIKR.A	20
PHEAT-1440	proteomics_heat	917357	917404	-	6	2	R.YEMLDAIQPQMATMFR.G	20
PHEAT-1441	proteomics_heat	917429	917455	-	6	2	R.KEIAEIASK.K	13
PHEAT-1442	proteomics_heat	917690	917728	-	6	2	K.WEIPHQEIQNATK.A	17
PHEAT-1443	proteomics_heat	918224	918280	-	6	13	R.TFTPSESLSSLSLFLSLAR.G	23
PHEAT-1444	proteomics_heat	920624	920662	-	6	6	Q.HQHHCYNAGAGFAR.R	17
PHEAT-1445	proteomics_heat	921643	921684	-	5	4	K.AGQSVQFDVHQGPK.G	18
PHEAT-1446	proteomics_heat	921694	921774	-	5	2	K.GFGFICPEGGGEDIFAHYSTIQMDGYR.T	31
PHEAT-1447	proteomics_heat	925475	925510	-	6	3	K.VTVELTPYDLSK.G	16
PHEAT-1448	proteomics_heat	925475	925519	-	6	2	T.GDKVTVELTPYDLSK.G	19
PHEAT-1449	proteomics_heat	925475	925528	-	6	8	R.ILTGDKVTVELTPYDLSK.G	22
PHEAT-1450	proteomics_heat	925550	925597	-	6	24	R.VELENGHVVTAHISGK.M	20
PHEAT-1451	proteomics_heat	925562	925597	-	6	5	R.VELENGHVVTAH.I	16
PHEAT-1452	proteomics_heat	925598	925663	-	6	6	M.AKEDNIEMQGTVLETLPNTMFR.V	26
PHEAT-1453	proteomics_heat	927066	927125	-	4	3	R.DNLLLASPGSSDEALSEILR.R	24
PHEAT-1454	proteomics_heat	927423	927479	-	4	2	R.ISDLTDQKPEVTFPDTQTR.V	23



PHEAT-1455	proteomics_heat	927705	927749	-	4	3	R.TQLENTEIQWLEAQR.R	19
PHEAT-1456	proteomics_heat	928434	928487	-	4	3	R.YAELSVAGGPFATLLAHR.Q	22
PHEAT-1457	proteomics_heat	928617	928691	-	4	3	R.ALLNPCSLLLLDEPAASLDAHSEQR.V	29
PHEAT-1458	proteomics_heat	928866	928916	-	4	7	K.HLSWVGQNPQLPAATLR.D	21
PHEAT-1459	proteomics_heat	928965	929018	-	4	4	K.SSLLNALSGLFSYQGSLR.I	22
PHEAT-1460	proteomics_heat	929097	929174	-	4	4	R.GEAELASTDPVTIEAEELFITSPEGK.T	30
PHEAT-1461	proteomics_heat	929211	929243	-	4	2	K.AQAVGAADSLK.T	15
PHEAT-1462	proteomics_heat	929769	929834	-	4	2	K.PAGSWATLVLEQIDDMHDYYAR.Y	26
PHEAT-1463	proteomics_heat	930311	930337	-	6	3	R.YLDGLADAK.-	13
PHEAT-1464	proteomics_heat	930338	930391	-	6	4	R.QAITSAGTGCMAALDAER.Y	22
PHEAT-1465	proteomics_heat	930338	930412	-	6	2	D.VMDHIYRQAITSAGTGCMAALDAER.Y	29
PHEAT-1466	proteomics_heat	930392	930436	-	6	2	I.PGVFAAGDVMMDHIYR.Q	19
PHEAT-1467	proteomics_heat	930392	930478	-	6	17	K.VQSGIHGNATQTSIPGVFAAGDVMMDHIYR.Q	33
PHEAT-1468	proteomics_heat	930608	930655	-	6	9	R.TLEEVTGDQMGVTGVR.L	20
PHEAT-1469	proteomics_heat	930656	930691	-	6	8	K.VENGNIIHTNR.T	16
PHEAT-1470	proteomics_heat	930656	930703	-	6	16	R.LMDKVENGNIIHTNR.T	20
PHEAT-1471	proteomics_heat	930743	930829	-	6	73	K.VAVIGGGNTAVEEALYLSNIASEVHLIHR.R	33
PHEAT-1472	proteomics_heat	930839	930880	-	6	5	R.GVSACATCDGFFYR.N	18
PHEAT-1473	proteomics_heat	930887	930919	-	6	2	R.YLGLPSEEAFFK.G	15
PHEAT-1474	proteomics_heat	930920	930985	-	6	5	R.LNGDNGEYTCDALIATGASAR.Y	26
PHEAT-1475	proteomics_heat	930986	931048	-	6	3	K.FETEIIFDHINKVDLQNRPF.R.L	25
PHEAT-1476	proteomics_heat	931013	931048	-	6	5	K.FETEIIFDHINK.V	16
PHEAT-1477	proteomics_heat	931070	931153	-	6	11	K.GGQLTTTTTEVENWPGDPNDLTGPLL.MER.M	32
PHEAT-1478	proteomics_heat	931154	931192	-	6	7	R.ANLQPVLITGMEK.G	17
PHEAT-1479	proteomics_heat	931193	931249	-	6	10	K.LLILGSGPAGYTAAVYAAR.A	23
PHEAT-1480	proteomics_heat	944196	944249	-	4	4	R.NDIEGLATLFSNHIPDYR.N	22
PHEAT-1481	proteomics_heat	944562	944636	-	4	6	K.YFNLPTILTTSFETGPNGPLVPELK.A	29
PHEAT-1482	proteomics_heat	944637	944669	-	4	3	K.NNVLALGLAK.Y	15
PHEAT-1483	proteomics_heat	944694	944759	-	4	4	R.LDKNDAAVLLVDHQAGLLSLVR.D	26
PHEAT-1484	proteomics_heat	949755	949802	-	4	3	R.YVVVPGWSDDDDSAHR.L	20
PHEAT-1485	proteomics_heat	949857	949907	-	4	3	K.QMNDEIHQNLVGVSNHR.T	21
PHEAT-1486	proteomics_heat	949971	950012	-	4	2	K.EGIHTCLDTNGFVR.R	18
PHEAT-1487	proteomics_heat	950037	950111	-	4	2	R.HFMNASGGGVTASGGAILQAEFVR.D	29
PHEAT-1488	proteomics_heat	950238	950285	-	4	7	R.IHSFESCGTVDGPGIR.F	20
PHEAT-1489	proteomics_heat	950582	950638	-	6	16	R.EMLLDAMENPEKYPQLTIR.V	23
PHEAT-1490	proteomics_heat	950639	950728	-	6	2	K.TNLAGLMDGYFHHEASIEGGQHLNVVMNR.E	34
PHEAT-1491	proteomics_heat	950729	950758	-	6	2	N.ALGKDDEV.RK.T	14
PHEAT-1492	proteomics_heat	950732	950773	-	6	2	F.SIVPNALGKDDEV.R.K	18
PHEAT-1493	proteomics_heat	950732	950794	-	6	7	K.DGISYTF.SIVPNALGKDDEV.R.K	25
PHEAT-1494	proteomics_heat	950747	950794	-	6	6	K.DGISYTF.SIVPNALGK.D	20
PHEAT-1495	proteomics_heat	950816	950848	-	6	2	K.GAVASLTSVAK.L	15
PHEAT-1496	proteomics_heat	950816	950848	-	6	2	K.GAVASLTSVAK.L	15
PHEAT-1497	proteomics_heat	950858	950902	-	6	9	R.AGAPFGPGANPMHGR.D	19
PHEAT-1498	proteomics_heat	950858	950905	-	6	2	R.RAGAPFGPGANPMHGR.D	20
PHEAT-1499	proteomics_heat	950930	950989	-	6	2	R.DAIPTQSVLTITSNVVYGK.K.T	24
PHEAT-1500	proteomics_heat	950933	950980	-	6	2	I.PTQSVLTITSNVVYGK.K	20

PHEAT-1501	proteomics_heat	950933	950989	-	6	26	R.DAIPTQSVLTTITSNVYVGK.K	23
PHEAT-1502	proteomics_heat	951026	951058	-	6	9	R.VDDLAVDLVER.F	15
PHEAT-1503	proteomics_heat	951059	951130	-	6	5	R.DEDGLAIDFEIEGEYPQFGNNDPR.V	28
PHEAT-1504	proteomics_heat	951155	951214	-	6	40	R.TMACGIAGLSVAADSLSAIK.Y	24
PHEAT-1505	proteomics_heat	951227	951265	-	6	5	K.YSYEASLMALHDR.D	17
PHEAT-1506	proteomics_heat	951227	951265	-	6	5	K.YSYEASLMALHDR.D	17
PHEAT-1507	proteomics_heat	951266	951310	-	6	7	K.QYITALNIIHYMHDK.Y	19
PHEAT-1508	proteomics_heat	951311	951340	-	6	6	R.MDHFMDWLAK.Q	14
PHEAT-1509	proteomics_heat	951341	951391	-	6	12	K.SEPIKGDVLNYDEVMER.M	21
PHEAT-1510	proteomics_heat	951416	951442	-	6	2	Y.AINGGVDEK.L	13
PHEAT-1511	proteomics_heat	951416	951442	-	6	2	Y.AINGGVDEK.L	13
PHEAT-1512	proteomics_heat	951416	951454	-	6	6	K.TMLYAINGGVDEK.L	17
PHEAT-1513	proteomics_heat	951494	951607	-	6	3	K.VSIDTSSLQYENDDLMRPDFNDDYAIACCVSPMIVGK.Q	42
PHEAT-1514	proteomics_heat	951521	951607	-	6	4	K.VSIDTSSLQYENDDLMRPDFNDDYAIAC.C	33
PHEAT-1515	proteomics_heat	951641	951709	-	6	14	R.FLNTLYTMGPSPEPNMTILWSEK.L	27
PHEAT-1516	proteomics_heat	951737	951817	-	6	14	R.TPEYDELFSGDPIWATESIGGMGLDGR.T	31
PHEAT-1517	proteomics_heat	951842	951889	-	6	9	K.ITEQEAQEMVDHLVMK.L	20
PHEAT-1518	proteomics_heat	951908	951940	-	6	3	R.TSTFLDVYIER.D	15
PHEAT-1519	proteomics_heat	951941	951973	-	6	5	K.SQNGAAMSFRG.T	15
PHEAT-1520	proteomics_heat	951974	952057	-	6	38	K.YGYDISGPATNAQEAIQWTFYGYLAAVK.S	32
PHEAT-1521	proteomics_heat	952091	952120	-	6	2	R.LREEIAEQHR.A	14
PHEAT-1522	proteomics_heat	952121	952186	-	6	18	K.LAQFTSLQADLENGVNLEQTIR.L	26
PHEAT-1523	proteomics_heat	952121	952192	-	6	19	K.DKLAQFTSLQADLENGVNLEQTIR.L	28
PHEAT-1524	proteomics_heat	952193	952225	-	6	8	R.VALYGIDYLMK.D	15
PHEAT-1525	proteomics_heat	952193	952228	-	6	3	R.RVALYGIDYLMK.D	16
PHEAT-1526	proteomics_heat	952253	952291	-	6	4	K.SGVLTGLPDAYGR.G	17
PHEAT-1527	proteomics_heat	952253	952294	-	6	5	R.KSGVLTGLPDAYGR.G	18
PHEAT-1528	proteomics_heat	952301	952348	-	6	17	K.THNQGVFDVYTPDILR.C	20
PHEAT-1529	proteomics_heat	952301	952351	-	6	5	R.KTHNQGVFDVYTPDILR.C	21
PHEAT-1530	proteomics_heat	952301	952369	-	6	6	K.IFTEYRKTTHNQGVFDVYTPDILR.C	27
PHEAT-1531	proteomics_heat	952454	952489	-	6	10	K.IVGLQTEAPLKR.A	16
PHEAT-1532	proteomics_heat	952502	952576	-	6	52	R.THAPVDFDTAVASTITSHDAGYINK.Q	29
PHEAT-1533	proteomics_heat	952607	952681	-	6	11	K.NYTPYEGDESFLAGATEATTTLWDK.V	29
PHEAT-1534	proteomics_heat	952697	952726	-	6	2	K.GDWQNEVNV.R.D	14
PHEAT-1535	proteomics_heat	952727	952756	-	6	6	K.LATAWEGFTK.G	14
PHEAT-1536	proteomics_heat	954266	954340	-	6	3	R.CLQTLLELLAQEEDRQPLQYLNAFVR.M	29
PHEAT-1537	proteomics_heat	955178	955231	-	6	2	R.IIAESISLPEIPADVLAR.Y	22
PHEAT-1538	proteomics_heat	955481	955534	-	6	2	K.WFPLTENDDVPEGLLDDR.L	22
PHEAT-1539	proteomics_heat	955673	955708	-	6	2	R.DKECALCFTNGK.G	16
PHEAT-1540	proteomics_heat	955799	955828	-	6	6	K.DAALEDSEIAR.F	14
PHEAT-1541	proteomics_heat	955799	955852	-	6	2	M.TQTFIPGKDAALEDSIAR.F	22
PHEAT-1542	proteomics_heat	964694	964762	-	6	5	A.RINGTVINVTKGIANRFAINEVR.L	27
PHEAT-1543	proteomics_heat	983811	983852	-	4	90	R.LREEFGVYAVASGR.V	18
PHEAT-1544	proteomics_heat	983868	983903	-	4	4	K.QNGMFSFSGLTK.E	16
PHEAT-1545	proteomics_heat	983904	983936	-	4	2	K.GANRDFSFIIK.Q	15
PHEAT-1546	proteomics_heat	983937	983966	-	4	4	R.QLFVNTLQEK.G	14

PHEAT-1547	proteomics_heat	983988	984020	-	4	6	R.AIWEQELTDMR.Q	15
PHEAT-1548	proteomics_heat	984021	984092	-	4	26	R.ANYSNPPAHGASVVATILSN DALR.A	28
PHEAT-1549	proteomics_heat	984123	984170	-	4	28	R.VGACTLVAADSETVDR.A	20
PHEAT-1550	proteomics_heat	984171	984194	-	4	4	K.NFGLYNER.V	12
PHEAT-1551	proteomics_heat	984195	984224	-	4	7	K.ELIVASSYSK.N	14
PHEAT-1552	proteomics_heat	984225	984245	-	4	4	R.AFAAMHK.E	11
PHEAT-1553	proteomics_heat	984246	984275	-	4	7	R.GLEEDA EGLR.A	14
PHEAT-1554	proteomics_heat	984276	984320	-	4	24	K.GWLPLDFAYQGFAR.G	19
PHEAT-1555	proteomics_heat	984321	984401	-	4	2	F.HGCCHNPTGIDPTLEQWQTLAQLSVEK.G	31
PHEAT-1556	proteomics_heat	984498	984530	-	4	5	K.SVFNSAGLEVR.E	15
PHEAT-1557	proteomics_heat	984531	984566	-	4	8	R.VWVSNPSWPNHK.S	16
PHEAT-1558	proteomics_heat	984609	984644	-	4	8	R.TAQTGGTGALR.V	16
PHEAT-1559	proteomics_heat	984651	984677	-	4	12	K.GSALINDKR.A	13
PHEAT-1560	proteomics_heat	984654	984677	-	4	2	K.GSALINDK.R	12
PHEAT-1561	proteomics_heat	984678	984704	-	4	5	R.CTQELLFGK.G	13
PHEAT-1562	proteomics_heat	984705	984743	-	4	2	K.NYLGIDGIPEFGR.C	17
PHEAT-1563	proteomics_heat	984744	984782	-	4	19	K.KAEQYLLNETTK.N	17
PHEAT-1564	proteomics_heat	984783	984821	-	4	3	K.DETGKTPVLTSVK.K	17
PHEAT-1565	proteomics_heat	984783	984848	-	4	19	K.INLGIGVYKDETGKTPVLTSVK.K	26
PHEAT-1566	proteomics_heat	984807	984848	-	4	4	K.INLGIGVYKDETGK.T	18
PHEAT-1567	proteomics_heat	984822	984848	-	4	2	K.INLGIGVYK.D	13
PHEAT-1568	proteomics_heat	984870	984929	-	4	2	M.FENITAAPADPILGLADLFR.A	24
PHEAT-1569	proteomics_heat	984870	984932	-	4	18	V.MFENITAAPADPILGLADLFR.A	25
PHEAT-1570	proteomics_heat	985171	985224	-	5	7	K.NMSTYVDYIINQIDSDNK.L	22
PHEAT-1571	proteomics_heat	985225	985296	-	5	5	K.DVEGIGDVLVNYFEVGATYYFNK.N	28
PHEAT-1572	proteomics_heat	985309	985380	-	5	2	K.TQDVLVAQYQDFGLRPSIAYTK.S	28
PHEAT-1573	proteomics_heat	985381	985410	-	5	3	K.FTNTSGFANK.T	14
PHEAT-1574	proteomics_heat	985435	985482	-	5	8	K.YDANNIYLAANYGETR.N	20
PHEAT-1575	proteomics_heat	985483	985512	-	5	6	K.KAEQWATGLK.Y	14
PHEAT-1576	proteomics_heat	985510	985551	-	5	4	R.TNLQEAQPLGNGKK.A	18
PHEAT-1577	proteomics_heat	985513	985551	-	5	8	R.TNLQEAQPLGNGK.K	17
PHEAT-1578	proteomics_heat	985660	985719	-	5	6	R.NSNFFGLVDGLNFAVQYL GK.N	24
PHEAT-1579	proteomics_heat	985720	985743	-	5	2	R.VGGVATYR.N	12
PHEAT-1580	proteomics_heat	985744	985839	-	5	4	R.NYGVVYDALGYTDMLPEFGGDTAYSDDFFVGR.V	36
PHEAT-1581	proteomics_heat	985840	985872	-	5	4	K.YADVGSFDYGR.N	15
PHEAT-1582	proteomics_heat	986014	986064	-	5	6	K.GNGENSYGGNGDMTYAR.L	21
PHEAT-1583	proteomics_heat	986065	986091	-	5	7	K.AVGLHYFSK.G	13
PHEAT-1584	proteomics_heat	986092	986121	-	5	2	K.DGNKVDLYGK.A	14
PHEAT-1585	proteomics_heat	986092	986139	-	5	4	A.AEIYNKDGNKVDLYGK.A	20
PHEAT-1586	proteomics_heat	986853	986888	-	4	10	R.LIAYVTGVQNV.R.D	16
PHEAT-1587	proteomics_heat	986889	986915	-	4	2	H.SGFGLGFER.L	13
PHEAT-1588	proteomics_heat	986889	986933	-	4	19	R.YGTVPHSGFGLGFER.L	19
PHEAT-1589	proteomics_heat	986946	986990	-	4	8	R.MLEMGLNKEDYWWYR.D	19
PHEAT-1590	proteomics_heat	987021	987083	-	4	16	K.TVAAMDVLAPGIGEIIIGGSQR.E	25
PHEAT-1591	proteomics_heat	987156	987179	-	4	6	R.YLAEHF.K.A	12
PHEAT-1592	proteomics_heat	987180	987233	-	4	16	R.KFENPVYWGVDLSSEHER.Y	22

PHEAT-1593	proteomics_heat	987234	987302	-	4	16	R.FIEADFAQVDYTDAVTILENCGR.K	27
PHEAT-1594	proteomics_heat	987507	987533	-	4	2	K.IYTFGPTFR.A	13
PHEAT-1595	proteomics_heat	987534	987596	-	4	10	K.ESFLTVSGQLNGETYACALSK.I	25
PHEAT-1596	proteomics_heat	987597	987641	-	4	7	R.NDQGKVDFDKDFFGK.E	19
PHEAT-1597	proteomics_heat	987642	987674	-	4	6	R.VSTLDLENLPR.N	15
PHEAT-1598	proteomics_heat	987675	987758	-	4	7	R.FFNEQGFFVWSTPLITASDTEGAGEMFR.V	32
PHEAT-1599	proteomics_heat	987792	987818	-	4	2	R.TNLIGAVAR.V	13
PHEAT-1600	proteomics_heat	987867	987893	-	4	2	D.PDTYPMAAK.R	13
PHEAT-1601	proteomics_heat	987867	987920	-	4	11	K.VEVAGWVEDPDTYPMAAK.R	22
PHEAT-1602	proteomics_heat	987921	987971	-	4	8	K.VVASPGGQQFEIQASK.V	21
PHEAT-1603	proteomics_heat	987972	988007	-	4	2	R.LTTGCSVIVTGK.V	16
PHEAT-1604	proteomics_heat	988008	988094	-	4	4	F.LAVYDGCSCFDPVQAVINNSLPNYNEDVLR.L	33
PHEAT-1605	proteomics_heat	988008	988109	-	4	15	K.AGISFLAVYDGCSCFDPVQAVINNSLPNYNEDVLR.L	38
PHEAT-1606	proteomics_heat	988140	988169	-	4	5	R.VAVDSEVTVR.G	14
PHEAT-1607	proteomics_heat	988170	988205	-	4	4	M.SVVPVADV LQGR.V	16
PHEAT-1608	proteomics_heat	988476	988508	-	4	2	K.LVECNGKPVAK.L	15
PHEAT-1609	proteomics_heat	988509	988556	-	4	2	R.LTCDIPQVKPLNIVIK.L	20
PHEAT-1610	proteomics_heat	988620	988655	-	4	2	K.TLVFSDNLDLRK.A	16
PHEAT-1611	proteomics_heat	988701	988736	-	4	3	R.HDSGDPVEWGEK.A	16
PHEAT-1612	proteomics_heat	988866	988907	-	4	5	Q.AHQQISPD LANSQR.A	18
PHEAT-1613	proteomics_heat	988866	988952	-	4	2	R.LSLTPMGTQAHEWFQAHQQISPD LANSQR.A	33
PHEAT-1614	proteomics_heat	988956	989006	-	4	3	R.LQQESWVFGTSNYDLAR.R	21
PHEAT-1615	proteomics_heat	989121	989168	-	4	3	R.SPQADVAQALDTLESK.L	20
PHEAT-1616	proteomics_heat	989121	989174	-	4	2	R.YRSPQADVAQALDTLESK.L	22
PHEAT-1617	proteomics_heat	989262	989303	-	4	3	R.FNPEQVTVSNDNGK.L	18
PHEAT-1618	proteomics_heat	989337	989384	-	4	8	R.LQDDEYQWLSALPFFK.A	20
PHEAT-1619	proteomics_heat	989385	989414	-	4	4	R.EQVQAMQHLR.L	14
PHEAT-1620	proteomics_heat	989523	989576	-	4	3	M.TQFASPVLHSLLDTDAYK.L	22
PHEAT-1621	proteomics_heat	994420	994500	-	5	2	D.EAWQAERLISHLDDETIKAQA AFAR.T	31
PHEAT-1622	proteomics_heat	1005789	1005827	-	4	3	R.VQLLEGEVTP LKK.S	17
PHEAT-1623	proteomics_heat	1005870	1005920	-	4	4	R.GNNQQV LLEQL ENQGIR.I	21
PHEAT-1624	proteomics_heat	1006206	1006247	-	4	2	R.IGDVVFDVV KPCSR.C	18
PHEAT-1625	proteomics_heat	1006356	1006424	-	4	2	R.HNTVPLSFADGY P YLLANEASLR.D	27
PHEAT-1626	proteomics_heat	1006524	1006586	-	4	2	R.FADFATQDAPTEVWGTHFTAR.I	25
PHEAT-1627	proteomics_heat	1006587	1006655	-	4	4	R.FTPSPVHDG LHLTAPDGSSAYVR.F	27
PHEAT-1628	proteomics_heat	1006722	1006775	-	4	3	R.GIGLTHALADV SGLAFDR.I	22
PHEAT-1629	proteomics_heat	1015208	1015234	-	6	5	R.LIYTASDLK.V	13
PHEAT-1630	proteomics_heat	1015235	1015279	-	6	2	R.LIMGLADGEVLVDGR.L	19
PHEAT-1631	proteomics_heat	1015235	1015282	-	6	2	R.RLIMGLADGEVLVDGR.L	20
PHEAT-1632	proteomics_heat	1015325	1015354	-	6	5	K.FTGQVLPTAK.K	14
PHEAT-1633	proteomics_heat	1015355	1015378	-	6	2	R.ALG VGEVK.F	12
PHEAT-1634	proteomics_heat	1015538	1015567	-	6	5	K.MTETGGNF DK.G	14
PHEAT-1635	proteomics_heat	1015577	1015618	-	6	2	K.GPQLPAPNMLMMDR.V	18
PHEAT-1636	proteomics_heat	1015640	1015678	-	6	5	R.ESYTKEDLLASGR.G	17
PHEAT-1637	proteomics_heat	1016356	1016406	-	5	2	R.ISCVVHIGDGEFTDIER.K	21
PHEAT-1638	proteomics_heat	1016428	1016478	-	5	2	R.IGQINALSVIEFPGHPR.A	21

PHEAT-1639	proteomics_heat	1017445	1017495	-	5	2	R.DLVPDTSYQEIFAQPH.L	21
PHEAT-1640	proteomics_heat	1018239	1018271	-	4	30	K.GIKDVVTQPQA.-	15
PHEAT-1641	proteomics_heat	1018239	1018292	-	4	3	R.RVEIEVKGIKDVVTQPQA.-	22
PHEAT-1642	proteomics_heat	1018239	1018325	-	4	2	R.AALIDCLAPDRRVEIEVKGIKDVVTQPQA.-	33
PHEAT-1643	proteomics_heat	1018293	1018325	-	4	12	R.AALIDCLAPDR.R	15
PHEAT-1644	proteomics_heat	1018293	1018328	-	4	6	Q.RAALIDCLAPDR.R	16
PHEAT-1645	proteomics_heat	1018326	1018382	-	4	2	R.GMGESNPVTGNTCDNVKQR.A	23
PHEAT-1646	proteomics_heat	1018332	1018364	-	4	4	N.PVTGNTCDNVK.Q	15
PHEAT-1647	proteomics_heat	1018332	1018370	-	4	3	E.SNPVTGNTCDNVK.Q	17
PHEAT-1648	proteomics_heat	1018332	1018382	-	4	40	R.GMGESNPVTGNTCDNVK.Q	21
PHEAT-1649	proteomics_heat	1018332	1018385	-	4	5	A.RMGESNPVTGNTCDNVK.Q	22
PHEAT-1650	proteomics_heat	1018383	1018406	-	4	6	I.PADKISAR.G	12
PHEAT-1651	proteomics_heat	1018383	1018412	-	4	4	K.GIPADKISAR.G	14
PHEAT-1652	proteomics_heat	1018413	1018439	-	4	2	Q.SVVDYLISK.G	13
PHEAT-1653	proteomics_heat	1018413	1018445	-	4	13	R.AQSVVDYLISK.G	15
PHEAT-1654	proteomics_heat	1018413	1018448	-	4	107	R.RAQSVVDYLISK.G	16
PHEAT-1655	proteomics_heat	1018449	1018487	-	4	54	R.IGSDAYNQGLSER.R	17
PHEAT-1656	proteomics_heat	1018449	1018490	-	4	9	D.RIGSDAYNQGLSER.R	18
PHEAT-1657	proteomics_heat	1018488	1018523	-	4	70	K.DGSVVVLGYTDR.I	16
PHEAT-1658	proteomics_heat	1018524	1018592	-	4	3	A.TLKPEGQAALDQLYSQLSNLDPK.D	27
PHEAT-1659	proteomics_heat	1018524	1018595	-	4	131	K.ATLKPEGQAALDQLYSQLSNLDPK.D	28
PHEAT-1660	proteomics_heat	1018524	1018598	-	4	2	N.KATLKPEGQAALDQLYSQLSNLDPK.D	29
PHEAT-1661	proteomics_heat	1018530	1018595	-	4	14	K.ATLKPEGQAALDQLYSQLSNLD.P	26
PHEAT-1662	proteomics_heat	1018596	1018622	-	4	29	K.SDVLFNFNK.A	13
PHEAT-1663	proteomics_heat	1018638	1018667	-	4	3	A.PAPAPEVQTK.H	14
PHEAT-1664	proteomics_heat	1018638	1018673	-	4	3	A.PAPAPEVQTK.H	16
PHEAT-1665	proteomics_heat	1018638	1018685	-	4	2	A.PVVAPAPAPEVQTK.H	20
PHEAT-1666	proteomics_heat	1018638	1018706	-	4	25	R.FGQGEAAPVVAPAPAPEVQTK.H	27
PHEAT-1667	proteomics_heat	1018707	1018799	-	4	17	R.LEYQWTNNIGDAHTIGTRPDNGMLSLGVSYR.F	35
PHEAT-1668	proteomics_heat	1018800	1018874	-	4	53	K.NHDTGVSPVFAGGVEYAITPEIATR.L	29
PHEAT-1669	proteomics_heat	1018905	1018925	-	4	2	R.LGGMVWR.A	11
PHEAT-1670	proteomics_heat	1018926	1018967	-	4	27	K.LGYPIITDDLDIYTR.L	18
PHEAT-1671	proteomics_heat	1018968	1018994	-	4	2	K.AQGVQLTAK.L	13
PHEAT-1672	proteomics_heat	1018995	1019021	-	4	6	K.GSVENGAYK.A	13
PHEAT-1673	proteomics_heat	1018995	1019033	-	4	6	R.MPYKGSVENGAYK.A	17
PHEAT-1674	proteomics_heat	1019034	1019117	-	4	60	E.NQLGAGAFGGYQVNPYVGFEMGYDWLGR.M	32
PHEAT-1675	proteomics_heat	1019118	1019177	-	4	13	K.LGWSQYHDTGFINNNGPTHE.N	24
PHEAT-1676	proteomics_heat	1019136	1019177	-	4	2	K.LGWSQYHDTGFINN.N	18
PHEAT-1677	proteomics_heat	1021412	1021450	-	6	2	R.YLDAILEQYHQGR.D	17
PHEAT-1678	proteomics_heat	1022156	1022188	-	6	2	R.AFTHIDAALER.M	15
PHEAT-1679	proteomics_heat	1023155	1023190	-	6	2	R.RVSVETAQAAR.E	16
PHEAT-1680	proteomics_heat	1023608	1023640	-	6	2	K.TCSSPKKRYNC.R	15
PHEAT-1681	proteomics_heat	1025993	1026076	-	6	6	R.ATGMNVNAMLSGPMGGDQQVGALISEGK.I	32
PHEAT-1682	proteomics_heat	1026077	1026142	-	6	6	R.HQPLLEQHVLVYATGTTGNLISR.A	26
PHEAT-1683	proteomics_heat	1026143	1026169	-	6	3	K.QMLMSWVER.H	13
PHEAT-1684	proteomics_heat	1027906	1027929	-	5	2	K.FGIGQQVR.H	12

PHEAT-1685	proteomics_heat	1028026	1028079	-	5	4	R.QAADHPVIATYPEGLYLK.G	22
PHEAT-1686	proteomics_heat	1028620	1028700	-	5	2	K.EGMELTQGPVTGELPPALLPIEEHGMK.L	31
PHEAT-1687	proteomics_heat	1028620	1028706	-	5	3	R.KKEGMELTQGPVTGELPPALLPIEEHGMK.L	33
PHEAT-1688	proteomics_heat	1028725	1028781	-	5	2	R.AALISALQTLYPECSIYDR.S	23
PHEAT-1689	proteomics_heat	1028782	1028835	-	5	20	R.FGNFLVLQLLSAGAERYR.A	22
PHEAT-1690	proteomics_heat	1028836	1028883	-	5	2	R.LIAGESDGLPGITIDR.F	20
PHEAT-1691	proteomics_heat	1028950	1029000	-	5	3	R.VWTFDPSESIDIAFFSR.R	21
PHEAT-1692	proteomics_heat	1029049	1029093	-	5	4	K.ASLGETIDIVDHQGK.W	19
PHEAT-1693	proteomics_heat	1029838	1029870	-	5	2	K.EIETDTEGYLK.E	15
PHEAT-1694	proteomics_heat	1057127	1057174	-	6	2	M.PHHIVIVEDEPVTQAR.L	20
PHEAT-1695	proteomics_heat	1062480	1062509	-	4	3	K.IPAGVGNQR.I	14
PHEAT-1696	proteomics_heat	1062525	1062587	-	4	9	R.TISYNLPVYNAAFMIQEIPK.T	25
PHEAT-1697	proteomics_heat	1062678	1062761	-	4	10	R.QFHHGDGQSFNAEDFDDIFSSIFGQHAR.Q	32
PHEAT-1698	proteomics_heat	1062816	1062863	-	4	5	R.FKEVAEAEVLSDEQR.R	20
PHEAT-1699	proteomics_heat	1066099	1066143	-	5	7	K.TDKDSLFWGEQTIER.K	19
PHEAT-1700	proteomics_heat	1066156	1066191	-	5	2	K.IWEEGSDEVLVK.A	16
PHEAT-1701	proteomics_heat	1066204	1066260	-	5	25	R.NTSPEIAEAI FEVAGYDEK.M	23
PHEAT-1702	proteomics_heat	1066347	1066382	-	4	4	R.YQGEYVAGLAVK.L	16
PHEAT-1703	proteomics_heat	1066416	1066466	-	4	14	R.GGTPYGATTIAGGDGSR.Q	21
PHEAT-1704	proteomics_heat	1066614	1066667	-	4	20	R.TFLDQTGGLWASGALYGK.L	22
PHEAT-1705	proteomics_heat	1066668	1066694	-	4	2	R.FGNMSGQMR.T	13
PHEAT-1706	proteomics_heat	1066695	1066769	-	4	8	K.TQTAPVATPQELADYDAIIFGTPTR.F	29
PHEAT-1707	proteomics_heat	1066782	1066820	-	4	31	K.RVPETMPPQLFEK.A	17
PHEAT-1708	proteomics_heat	1066818	1066847	-	4	2	K.VDGAEVVVKR.V	14
PHEAT-1709	proteomics_heat	1066821	1066847	-	4	6	K.VDGAEVVVK.R	13
PHEAT-1710	proteomics_heat	1066821	1066871	-	4	6	R.AVAEGASKVDGAEVVVK.R	21
PHEAT-1711	proteomics_heat	1074734	1074781	-	6	3	R.LLANRPESALAVTLAR.Q	20
PHEAT-1712	proteomics_heat	1074809	1074877	-	6	2	R.NMVGAVVGVQPFGGGLSGTGPK.A	27
PHEAT-1713	proteomics_heat	1077287	1077346	-	6	2	R.LMGEQFVTGETIAEALANAR.K	24
PHEAT-1714	proteomics_heat	1077761	1077805	-	6	5	R.RPETEAVSMLEQAR.L	19
PHEAT-1715	proteomics_heat	1079434	1079520	-	5	6	R.QQNPNGNPRVKQNLRFDKHTLGVLIYRTS.Q	33
PHEAT-1716	proteomics_heat	1094529	1094585	-	4	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-1717	proteomics_heat	1094529	1094585	-	4	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-1718	proteomics_heat	1094529	1094585	-	4	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-1719	proteomics_heat	1094529	1094585	-	4	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-1720	proteomics_heat	1094529	1094585	-	4	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-1721	proteomics_heat	1113288	1113359	-	4	16	R.EEFLADNPGIDAEDANVQQFNAQK.Y	28
PHEAT-1722	proteomics_heat	1113288	1113401	-	4	4	M.TMYATLEEIDAAREEFLADNPGIDAEDANVQQFNAQK.Y	42
PHEAT-1723	proteomics_heat	1113360	1113401	-	4	4	M.TMYATLEEIDAAR.E	18
PHEAT-1724	proteomics_heat	1115116	1115187	-	5	3	R.SSVFVPLFAVEQAATTTGTWMLAR.M	28
PHEAT-1725	proteomics_heat	1117283	1117360	-	6	6	K.KDGDLDITGDLTLNGVTKPVTLEAK.L	30
PHEAT-1726	proteomics_heat	1117358	1117396	-	6	2	K.YPQATFTSTSVKK.D	17
PHEAT-1727	proteomics_heat	1117439	1117489	-	6	2	K.VNVTINTTSVDTNHAER.D	21
PHEAT-1728	proteomics_heat	1117439	1117507	-	6	6	K.NPAADKVNVTINTTSVDTNHAER.D	27
PHEAT-1729	proteomics_heat	1117508	1117540	-	6	2	K.DFDGTFTFDEK.N	15
PHEAT-1730	proteomics_heat	1117541	1117582	-	6	6	R.IQHLGYSWLYGTFK.D	18

PHEAT-1731	proteomics_heat	1117583	1117612	-	6	2	K.EGQHAFVNFR.I	14
PHEAT-1732	proteomics_heat	1117583	1117621	-	6	2	K.IDKEGQHAFVNFR.I	17
PHEAT-1733	proteomics_heat	1117583	1117633	-	6	2	A.ADYKIDKEGQHAFVNFR.I	21
PHEAT-1734	proteomics_heat	1118736	1118786	-	4	2	K.FASVLGEIAADFAQDKK.S	21
PHEAT-1735	proteomics_heat	1118739	1118786	-	4	2	K.FASVLGEIAADFAQDK.K	20
PHEAT-1736	proteomics_heat	1118931	1118984	-	4	7	R.VPFAEVASDGSEAFPFLR.N	22
PHEAT-1737	proteomics_heat	1118985	1119023	-	4	2	K.HNGGQVIHSADER.V	17
PHEAT-1738	proteomics_heat	1119033	1119113	-	4	3	K.NKFPAPTGELPNGDQYYGFPENDALK.I	31
PHEAT-1739	proteomics_heat	1119282	1119329	-	4	2	K.EAGCAQLFNCPVTAIR.H	20
PHEAT-1740	proteomics_heat	1119369	1119419	-	4	8	R.VPDNYIGLFETDSGFLR.S	21
PHEAT-1741	proteomics_heat	1119462	1119551	-	4	3	R.SGVINLGPADSTFLANVAHSAEQWQLNVEK.L	34
PHEAT-1742	proteomics_heat	1119552	1119581	-	4	2	R.HNEEDPIFVR.S	14
PHEAT-1743	proteomics_heat	1119612	1119656	-	4	2	R.HAYGEGEKYVPLVLR.A	19
PHEAT-1744	proteomics_heat	1119933	1119968	-	4	2	K.IESGDFQVNEYR.R	16
PHEAT-1745	proteomics_heat	1120089	1120169	-	4	13	K.NNEVIQTHPLVGDISTVDSYDALMLR.L	31
PHEAT-1746	proteomics_heat	1120802	1120879	-	6	11	R.EEQQVAESIALTDDTLVPFLAGETVR.W	30
PHEAT-1747	proteomics_heat	1121060	1121095	-	6	8	R.VFLGTDSAPHAR.H	16
PHEAT-1748	proteomics_heat	1121096	1121122	-	6	2	R.ELVASGFNR.V	13
PHEAT-1749	proteomics_heat	1121207	1121248	-	6	12	R.LAATITPQHLMFNR.N	18
PHEAT-1750	proteomics_heat	1121264	1121284	-	6	7	K.DAADYVR.D	11
PHEAT-1751	proteomics_heat	1121285	1121311	-	6	6	K.VVFEHITTK.D	13
PHEAT-1752	proteomics_heat	1121333	1121362	-	6	4	R.FIESVMEPLR.Q	14
PHEAT-1753	proteomics_heat	1121372	1121434	-	6	20	K.IGMPLLHVHGEVTHADIDIFDR.E	25
PHEAT-1754	proteomics_heat	1121444	1121494	-	6	2	N.SSHGVTSIDAIMPVLER.M	21
PHEAT-1755	proteomics_heat	1121444	1121521	-	6	7	K.LYPANATTNSSHGVTSIDAIMPVLER.M	30
PHEAT-1756	proteomics_heat	1121522	1121554	-	6	2	R.GFNEGVFTAAL.L	15
PHEAT-1757	proteomics_heat	1121555	1121644	-	6	10	R.ILDAVPAGHDFTPLMTCYLTDSLDPNELER.G	34
PHEAT-1758	proteomics_heat	1121651	1121713	-	6	14	R.AIVMPNLAPPVTTVEAAVAYR.Q	25
PHEAT-1759	proteomics_heat	1121714	1121749	-	6	5	K.TVVPYTSEIYGR.A	16
PHEAT-1760	proteomics_heat	1122029	1122064	-	6	3	R.NYFNQQPAYVLR.E	16
PHEAT-1761	proteomics_heat	1122065	1122115	-	6	6	K.MQTMQTLLPYLNQALR.N	21
PHEAT-1762	proteomics_heat	1122116	1122154	-	6	3	K.EMEVVDATVQPEK.M	17
PHEAT-1763	proteomics_heat	1122669	1122698	-	4	2	R.VADYRDNMAK.Q	14
PHEAT-1764	proteomics_heat	1122699	1122737	-	4	2	R.NLTLVAGINWPSR.V	17
PHEAT-1765	proteomics_heat	1122738	1122809	-	4	7	K.LIVKPNNAVNGELSEDDIQLFPLLR.N	28
PHEAT-1766	proteomics_heat	1122843	1122899	-	4	3	K.EASAGNFADLLAHS DGLIK.N	23
PHEAT-1767	proteomics_heat	1122921	1122956	-	4	2	K.SAFDEFSTPAAR.K	16
PHEAT-1768	proteomics_heat	1123005	1123034	-	4	2	K.RSPAIEEWLR.K	14
PHEAT-1769	proteomics_heat	1123035	1123064	-	4	2	K.LDGKPLLTGK.R	14
PHEAT-1770	proteomics_heat	1123065	1123106	-	4	4	R.YMPESMDIVHYVDK.L	18
PHEAT-1771	proteomics_heat	1123155	1123211	-	4	8	K.NIPVELHVLLNDDAETPTR.M	23
PHEAT-1772	proteomics_heat	1123236	1123271	-	4	5	K.LYIYDHCPYCLK.A	16
PHEAT-1773	proteomics_heat	1123533	1123616	-	4	2	S.IIAEPARETLSASLADARARGSYMGFSL.L	32
PHEAT-1774	proteomics_heat	1128829	1128873	-	5	2	R.RKEPNTANSVDISQR.W	19
PHEAT-1775	proteomics_heat	1128997	1129044	-	5	3	R.LAEILDQMSAVLNDLK.T	20
PHEAT-1776	proteomics_heat	1129265	1129297	-	6	3	R.ETTDAPVTNSR.A	15

PHEAT-1777	proteomics_heat	1140519	1140554	-	4	2	R.APAPEYVPEAPR.H	16
PHEAT-1778	proteomics_heat	1141011	1141055	-	4	9	R.YPIVRPQDVQVEEQR.E	19
PHEAT-1779	proteomics_heat	1141068	1141133	-	4	4	R.YPTQSPMPLTVACASPELASGK.V	26
PHEAT-1780	proteomics_heat	1141068	1141148	-	4	2	R.YRDERYPTQSPMPLTVACASPELASGK.V	31
PHEAT-1781	proteomics_heat	1141224	1141289	-	4	5	K.VPLPVVAQTAPEQQEENNADNR.D	26
PHEAT-1782	proteomics_heat	1141305	1141400	-	4	3	R.YEQSVAAEEAVVAPVVEETVAAEPIVQEAPAPR.T	36
PHEAT-1783	proteomics_heat	1141455	1141505	-	4	8	K.ALNVEEQSVQETEQEER.V	21
PHEAT-1784	proteomics_heat	1141563	1141589	-	4	2	R.TADEQQAPR.R	13
PHEAT-1785	proteomics_heat	1141800	1141853	-	4	5	K.ALFSGGEEKPTEQPAPK.A	22
PHEAT-1786	proteomics_heat	1141872	1141922	-	4	8	K.AAPATPAAPAQPGLLSR.F	21
PHEAT-1787	proteomics_heat	1141923	1141994	-	4	3	F.AMPDVPPAPTPAEPAPVAVAPK.A	28
PHEAT-1788	proteomics_heat	1141923	1142027	-	4	14	R.KRPEQPALATFAMPDVPPAPTPAEPAPVAVAPK.A	39
PHEAT-1789	proteomics_heat	1142028	1142078	-	4	7	K.LHEEAMALPSEEEFAER.K	21
PHEAT-1790	proteomics_heat	1142079	1142120	-	4	2	R.KGEETPTLSYMLPK.L	18
PHEAT-1791	proteomics_heat	1142127	1142180	-	4	2	R.CVIVPNDQMETPHYHVLV.V	22
PHEAT-1792	proteomics_heat	1142196	1142222	-	4	3	R.SAVNAIETR.Q	13
PHEAT-1793	proteomics_heat	1142226	1142315	-	4	5	R.LIEEEALKENTQEVHAIVPVIASYLENEK.R	34
PHEAT-1794	proteomics_heat	1142316	1142348	-	4	2	R.DNESLSLSILR.L	15
PHEAT-1795	proteomics_heat	1142373	1142417	-	4	3	R.LSPSLGESSHHVCPR.C	19
PHEAT-1796	proteomics_heat	1142529	1142579	-	4	19	R.DLGGGLIVIDFIDMTPVR.H	21
PHEAT-1797	proteomics_heat	1142748	1142819	-	4	30	K.LYTGEIPLFSHYQIESQIESAFQR.E	28
PHEAT-1798	proteomics_heat	1142886	1142933	-	4	2	R.DYLRQDIGEILIDNPK.V	20
PHEAT-1799	proteomics_heat	1142943	1142987	-	4	6	R.PAPFLIHQESNVIVR.A	19
PHEAT-1800	proteomics_heat	1142943	1143002	-	4	5	K.AAESRPAPFLIHQESNVIVR.A	24
PHEAT-1801	proteomics_heat	1143084	1143134	-	4	4	K.EALASLELPEGMGLIVR.T	21
PHEAT-1802	proteomics_heat	1143084	1143146	-	4	4	R.TELKEALASLELPEGMGLIVR.T	25
PHEAT-1803	proteomics_heat	1143084	1143167	-	4	3	R.RIEGDDRTELKEALASLELPEGMGLIVR.T	32
PHEAT-1804	proteomics_heat	1143135	1143167	-	4	3	R.RIEGDDRTELK.E	15
PHEAT-1805	proteomics_heat	1143264	1143305	-	4	8	R.EGQEVIVQIDKEER.G	18
PHEAT-1806	proteomics_heat	1143318	1143365	-	4	4	R.EYFPANYSAHGRPNK.D	20
PHEAT-1807	proteomics_heat	1143399	1143446	-	4	5	R.IEPSLEAAFDVYGAER.H	20
PHEAT-1808	proteomics_heat	1143477	1143521	-	4	3	R.LYDLDIESPGEQK.A	19
PHEAT-1809	proteomics_heat	1143480	1143521	-	4	3	R.LYDLDIESPGEQK.K	18
PHEAT-1810	proteomics_heat	1143546	1143581	-	4	2	R.MLINATQQEELR.V	16
PHEAT-1811	proteomics_heat	1145264	1145317	-	6	2	R.DPNTLVGLPLIALCQMLR.R	22
PHEAT-1812	proteomics_heat	1145264	1145329	-	6	5	R.LEGRDPNTLVGLPLIALCQMLR.R	26
PHEAT-1813	proteomics_heat	1145396	1145434	-	6	2	R.HLSEAEIDNYVRK.E	17
PHEAT-1814	proteomics_heat	1145399	1145434	-	6	7	R.HLSEAEIDNYVR.K	16
PHEAT-1815	proteomics_heat	1145711	1145761	-	6	3	K.LQISFECAAPEVDETPR.S	21
PHEAT-1816	proteomics_heat	1167723	1167782	-	4	2	K.SVESALADYFAAIANCFTSK.D	24
PHEAT-1817	proteomics_heat	1169870	1169911	-	6	10	K.NHVNPAWLIGLLQK.Q	18
PHEAT-1818	proteomics_heat	1170119	1170166	-	6	2	R.MPSLLPDDFIPDVNTR.L	20
PHEAT-1819	proteomics_heat	1170329	1170403	-	6	2	K.RLEAIASLEDLGAGFALATHDLEIR.G	29
PHEAT-1820	proteomics_heat	1170488	1170526	-	6	3	R.ADFHGLAQLHQLR.G	17
PHEAT-1821	proteomics_heat	1170716	1170763	-	6	3	R.GGQVYYLYNDVENIQK.A	20
PHEAT-1822	proteomics_heat	1170989	1171030	-	6	2	K.FKDLGLLIVDEEHR.F	18



PHEAT-1823	proteomics_heat	1171463	1171507	-	6	3	K.VRDVAAELLDIYAQR.A	19
PHEAT-1824	proteomics_heat	1171556	1171594	-	6	6	R.YAGGAEEENAPLHK.L	17
PHEAT-1825	proteomics_heat	1171712	1171771	-	6	2	R.NLAELHIGQPVVHLEHGVR.Y	24
PHEAT-1826	proteomics_heat	1171871	1171918	-	6	2	R.YLMIGAAEHGFVDTVR.N	20
PHEAT-1827	proteomics_heat	1172525	1172584	-	6	3	R.TLEEVEAINLLPAHEFPTDK.A	24
PHEAT-1828	proteomics_heat	1172645	1172692	-	6	3	R.GALLDLFPMGSELPYR.L	20
PHEAT-1829	proteomics_heat	1172693	1172734	-	6	2	R.HVDQVMEHGEYATR.G	18
PHEAT-1830	proteomics_heat	1173026	1173076	-	6	5	R.HAGPVVLIAPDMQNALR.L	21
PHEAT-1831	proteomics_heat	1181087	1181149	-	6	2	R.KLLSPEVANDKTLYPD AETIK.N	25
PHEAT-1832	proteomics_heat	1181150	1181197	-	6	4	K.QVAETIGYPTPNLAAR.K	20
PHEAT-1833	proteomics_heat	1181198	1181233	-	6	2	K.LINFLLRPDVAK.Q	16
PHEAT-1834	proteomics_heat	1181255	1181305	-	6	6	K.EGGIFWMDSLAIPANAK.N	21
PHEAT-1835	proteomics_heat	1181450	1181482	-	6	2	K.EIEAAYNELKK.L	15
PHEAT-1836	proteomics_heat	1181483	1181518	-	6	3	R.KLGYSGNTTDPK.E	16
PHEAT-1837	proteomics_heat	1181519	1181542	-	6	2	R.EVFQMALR.K	12
PHEAT-1838	proteomics_heat	1181573	1181614	-	6	4	K.SVTSWADLWKPEYK.G	18
PHEAT-1839	proteomics_heat	1181615	1181743	-	6	2	K.LTNFNSLNDPMLNKPFDPNNDYSIPYIWGATAIGVNGDAVDPK.S	47
PHEAT-1840	proteomics_heat	1181786	1181833	-	6	7	K.DGAYDLVVPSTYYVDK.M	20
PHEAT-1841	proteomics_heat	1181786	1181842	-	6	2	K.TYKDGAYDLVVPSTYYVDK.M	23
PHEAT-1842	proteomics_heat	1181849	1181893	-	6	2	K.VIYSTYESNETMYAK.L	19
PHEAT-1843	proteomics_heat	1181909	1181983	-	6	3	A.DDNNTLYFYNWTEYVPPGLLEQFTK.E	29
PHEAT-1844	proteomics_heat	1183864	1183917	-	5	4	R.VEEINDDNHAEGLIGYVR.E	22
PHEAT-1845	proteomics_heat	1183951	1183995	-	5	2	R.ECNIVNFAVEPGQK.L	19
PHEAT-1846	proteomics_heat	1184275	1184316	-	5	3	R.LLLLDESLSALDYK.L	18
PHEAT-1847	proteomics_heat	1184389	1184418	-	5	3	R.MVQLETFAQR.K	14
PHEAT-1848	proteomics_heat	1184437	1184463	-	5	2	K.TPAAEITPR.V	13
PHEAT-1849	proteomics_heat	1184551	1184598	-	5	3	R.IMLDNEDITHVPAENR.Y	20
PHEAT-1850	proteomics_heat	1184650	1184727	-	5	3	K.EVIPQLDLTINNGEFLTLGLPSGCGK.T	30
PHEAT-1851	proteomics_heat	1186492	1186524	-	5	4	R.IGDDVYANGEK.I	15
PHEAT-1852	proteomics_heat	1186570	1186635	-	5	3	R.HELDIAPPEPPYQPDEIYDALK.Q	26
PHEAT-1853	proteomics_heat	1186636	1186668	-	5	2	K.QWFGFISQSR.H	15
PHEAT-1854	proteomics_heat	1186669	1186710	-	5	2	R.EMMLELINQPEHFK.Q	18
PHEAT-1855	proteomics_heat	1186711	1186755	-	5	2	R.AHPADVLPQEMDKLR.E	19
PHEAT-1856	proteomics_heat	1186756	1186800	-	5	7	R.ELGGNYSDPDVPPR.A	19
PHEAT-1857	proteomics_heat	1186801	1186839	-	5	2	R.ELISGFADYVLQR.E	17
PHEAT-1858	proteomics_heat	1187308	1187385	-	5	6	R.GFNNFIDPISPDELAGLAMESEVDSR.L	30
PHEAT-1859	proteomics_heat	1187419	1187463	-	5	2	N.MEYQLTLNWPDFLER.H	19
PHEAT-1860	proteomics_heat	1187650	1187697	-	5	2	R.VDTLRPGQGVGLAVAR.E	20
PHEAT-1861	proteomics_heat	1187941	1187994	-	5	2	R.ELHPVAPLLDNLTSALNK.V	22
PHEAT-1862	proteomics_heat	1189002	1189028	-	4	2	R.GQG YLFELR.-	13
PHEAT-1863	proteomics_heat	1189029	1189070	-	4	4	K.IQAQYPQEVITTVR.G	18
PHEAT-1864	proteomics_heat	1189029	1189073	-	4	4	K.KIQAQYPQEVITTVR.G	19
PHEAT-1865	proteomics_heat	1189083	1189115	-	4	2	R.ESHTIDVLMGR.L	15
PHEAT-1866	proteomics_heat	1189116	1189157	-	4	2	K.DSLMLQLYPD AELR.E	18
PHEAT-1867	proteomics_heat	1189182	1189223	-	4	17	K.LTAFEYTIMETLIR.N	18
PHEAT-1868	proteomics_heat	1189224	1189256	-	4	4	R.RELSINDEVIK.L	15

PHEAT-1869	proteomics_heat	1189257	1189316	-	4	4	R.NSGLASQVISLPPFQVDLSR.R	24
PHEAT-1870	proteomics_heat	1189257	1189319	-	4	2	R.RNSGLASQVISLPPFQVDLSR.R	25
PHEAT-1871	proteomics_heat	1189338	1189427	-	4	4	R.ESWQDKVEVLSAGADDYVTKPFHIEEVMAR.M	34
PHEAT-1872	proteomics_heat	1189428	1189469	-	4	3	R.SNDVSLPILVLTAR.E	18
PHEAT-1873	proteomics_heat	1189569	1189619	-	4	3	K.VQIQDAGHQVDDAEDAK.E	21
PHEAT-1874	proteomics_heat	1189842	1189868	-	4	2	R.AITMVDELK.-	13
PHEAT-1875	proteomics_heat	1189905	1189949	-	4	4	K.QFIDGLALPEEEKAR.L	19
PHEAT-1876	proteomics_heat	1189911	1189949	-	4	3	K.QFIDGLALPEEEK.A	17
PHEAT-1877	proteomics_heat	1189950	1189973	-	4	5	K.RVDAEGMK.Q	12
PHEAT-1878	proteomics_heat	1189998	1190024	-	4	5	R.YGIEKPYEK.L	13
PHEAT-1879	proteomics_heat	1190028	1190096	-	4	10	R.DHLLDELHDHNWEVLAETPIQTVMR.R	27
PHEAT-1880	proteomics_heat	1190028	1190111	-	4	2	K.LEVNRDHLDELHDHNWEVLAETPIQTVMR.R	32
PHEAT-1881	proteomics_heat	1190124	1190177	-	4	18	R.NLGVGIGYALIAIQSTLK.G	22
PHEAT-1882	proteomics_heat	1190178	1190204	-	4	7	R.DLTDSTVLR.N	13
PHEAT-1883	proteomics_heat	1190229	1190306	-	4	7	K.VNPIDFENSEGNLGLSNAVLQHLASK.L	30
PHEAT-1884	proteomics_heat	1190307	1190348	-	4	8	K.TIAGEIGSSTMPHK.V	18
PHEAT-1885	proteomics_heat	1190559	1190591	-	4	3	K.INGAVGNYNNAH.I	15
PHEAT-1886	proteomics_heat	1190592	1190621	-	4	3	R.QLNQVEILGK.I	14
PHEAT-1887	proteomics_heat	1190640	1190663	-	4	2	K.EMANVAYR.M	12
PHEAT-1888	proteomics_heat	1190664	1190702	-	4	6	R.THGQPATPSTIGK.E	17
PHEAT-1889	proteomics_heat	1190724	1190744	-	4	4	K.DLAVQYR.D	11
PHEAT-1890	proteomics_heat	1190724	1190765	-	4	3	R.QLIDGIKDLAVQYR.D	18
PHEAT-1891	proteomics_heat	1190766	1190801	-	4	2	K.TARDEVILPYWR.Q	16
PHEAT-1892	proteomics_heat	1190802	1190876	-	4	2	H.AVSEFIHFACTSEDINNLSHALMLK.T	29
PHEAT-1893	proteomics_heat	1190802	1190900	-	4	17	K.VAEIPELHAVSEFIHFACTSEDINNLSHALMLK.T	37
PHEAT-1894	proteomics_heat	1190907	1190927	-	4	2	K.AVEYFLK.E	11
PHEAT-1895	proteomics_heat	1190967	1191047	-	4	244	K.EVPFAADAIGYLDIVASFSEEDAAR.I	31
PHEAT-1896	proteomics_heat	1191165	1191209	-	4	6	S.MELSSLTAVSPVDGR.Y	19
PHEAT-1897	proteomics_heat	1191357	1191410	-	4	2	R.IQVTGSPAVLQSPQVQAK.V	22
PHEAT-1898	proteomics_heat	1192031	1192063	-	6	2	R.YRQTDIPCTVK.A	15
PHEAT-1899	proteomics_heat	1192268	1192336	-	6	3	K.IITVDGDEIGEHLQGLMYHTLGQR.K	27
PHEAT-1900	proteomics_heat	1192424	1192459	-	6	5	R.KIAEDLGLVTAK.K	16
PHEAT-1901	proteomics_heat	1192460	1192528	-	6	2	Y.TLSHEQIAQSLFPVGELEKPVQR.K	27
PHEAT-1902	proteomics_heat	1192604	1192669	-	6	6	K.AFLEFAAEDLGADYIATGHYVR.R	26
PHEAT-1903	proteomics_heat	1192805	1192882	-	6	6	K.NWEEDDGEYCTAAADLADAQAVCDK.L	30
PHEAT-1904	proteomics_heat	1193362	1193427	-	5	2	K.ALWNQPAGHLEAETLVEAAAR.E	26
PHEAT-1905	proteomics_heat	1201896	1201922	-	4	3	K.KPDVSITNK.Q	13
PHEAT-1906	proteomics_heat	1212908	1212955	-	6	2	R.EYPVDQLINHLYLPVR.Q	20
PHEAT-1907	proteomics_heat	1223505	1223564	-	4	17	K.DGDISILELNVTLPEAEELK.-	24
PHEAT-1908	proteomics_heat	1223565	1223612	-	4	7	K.YVQIDPEMVTVQLEQK.D	20
PHEAT-1909	proteomics_heat	1223613	1223636	-	4	2	K.DILEVICK.Y	12
PHEAT-1910	proteomics_heat	1223640	1223675	-	4	2	R.SDAEPHYLPQLR.K	16
PHEAT-1911	proteomics_heat	1223640	1223678	-	4	2	R.RSDAEPHYLPQLR.K	17
PHEAT-1912	proteomics_heat	1223850	1223873	-	4	2	K.AYADTVR.L	12
PHEAT-1913	proteomics_heat	1223874	1223927	-	4	9	R.ASNQGEVILDINADAGK.A	22
PHEAT-1914	proteomics_heat	1223928	1223966	-	4	4	K.LVGVIPEDQSVLR.A	17

PHEAT-1915	proteomics_heat	1223928	1223972	-	4	2	R.IKLVGVIPEDQSVLR.A	19
PHEAT-1916	proteomics_heat	1223973	1224014	-	4	16	R.GDMLSMEDVLEILR.I	18
PHEAT-1917	proteomics_heat	1224039	1224086	-	4	7	R.AENGEEPIKEHLLLTR.Y	20
PHEAT-1918	proteomics_heat	1224039	1224089	-	4	6	R.RAENGEEPIKEHLLLTR.Y	21
PHEAT-1919	proteomics_heat	1224096	1224119	-	4	5	R.ILGILASK.S	12
PHEAT-1920	proteomics_heat	1224309	1224347	-	4	5	R.TENLYILPASQTR.D	17
PHEAT-1921	proteomics_heat	1224309	1224350	-	4	3	K.RTENLYILPASQTR.D	18
PHEAT-1922	proteomics_heat	1224357	1224419	-	4	9	R.VVYDFVNVIQGDATLNQALIK.D	25
PHEAT-1923	proteomics_heat	1224357	1224422	-	4	20	R.RVVYDFVNVIQGDATLNQALIK.D	26
PHEAT-1924	proteomics_heat	1224453	1224485	-	4	3	K.TVVIDFDIGLR.N	15
PHEAT-1925	proteomics_heat	1224495	1224536	-	4	6	K.TTSSAAIATGLAQK.G	18
PHEAT-1926	proteomics_heat	1224932	1224982	-	6	2	R.PAPTPQAPAQNTTPVTK.T	21
PHEAT-1927	proteomics_heat	1224932	1224991	-	6	8	K.APRPAPTPQAPAQNTTPVTK.T	24
PHEAT-1928	proteomics_heat	1225106	1225171	-	6	5	K.HAPVVLNVSALEDPVNWSAMHK.A	26
PHEAT-1929	proteomics_heat	1225199	1225225	-	6	3	K.VIHQALEDK.I	13
PHEAT-1930	proteomics_heat	1225226	1225276	-	6	4	K.GSSFTLSVVHLHEAEPK.V	21
PHEAT-1931	proteomics_heat	1226297	1226320	-	6	6	K.YNVDIQIK.-	12
PHEAT-1932	proteomics_heat	1226297	1226323	-	6	13	K.KYNVDIQIK.-	13
PHEAT-1933	proteomics_heat	1226366	1226431	-	6	5	R.YSPELD SHGQYSLPASGKYELR.V	26
PHEAT-1934	proteomics_heat	1226378	1226431	-	6	7	R.YSPELD SHGQYSLPASGK.Y	22
PHEAT-1935	proteomics_heat	1226432	1226512	-	6	80	K.VHVSISNEGADTYLFGPGIDDSVDLSR.Y	31
PHEAT-1936	proteomics_heat	1226525	1226560	-	6	6	K.GYDYDTYTFYAK.K	16
PHEAT-1937	proteomics_heat	1226561	1226596	-	6	3	K.GHSSAQYSGEIK.G	16
PHEAT-1938	proteomics_heat	1233254	1233340	-	6	2	R.SLMMHAGVGTALGGVMTMVGEPQNLIIAK.A	33
PHEAT-1939	proteomics_heat	1236901	1236954	-	5	2	H.GAAYPGEICPAFAALVSR.A	22
PHEAT-1940	proteomics_heat	1239726	1239797	-	4	2	F.ILEASAKYADVALIYGLEDGREYR.D	28
PHEAT-1941	proteomics_heat	1241485	1241532	-	5	2	R.LSIPLITGLDFGHEQR.T	20
PHEAT-1942	proteomics_heat	1241680	1241730	-	5	3	K.IENGILVLEDINEHPFR.V	21
PHEAT-1943	proteomics_heat	1242118	1242168	-	5	2	R.FAGTETERLEDLNSLAR.L	21
PHEAT-1944	proteomics_heat	1242181	1242228	-	5	2	R.LTDAGHQVNNVEVIAR.R	20
PHEAT-1945	proteomics_heat	1242259	1242300	-	5	2	M.SLFHLIAPSGYCIK.Q	18
PHEAT-1946	proteomics_heat	1243127	1243165	-	6	3	K.VIDGKNETITTPR.L	17
PHEAT-1947	proteomics_heat	1243247	1243324	-	6	5	R.LYDLSLGGMGALLETAKPAELQEGMR.F	30
PHEAT-1948	proteomics_heat	1243355	1243396	-	6	3	R.ISAPLHPPYFCQTK.L	18
PHEAT-1949	proteomics_heat	1243508	1243549	-	6	5	K.AQHITITAETQGAK.V	18
PHEAT-1950	proteomics_heat	1243550	1243624	-	6	3	K.LLAITPDKLVLD FGSQAEDNIAVLK.A	29
PHEAT-1951	proteomics_heat	1245274	1245318	-	5	6	K.THLLQPGGLNTTSVK.S	19
PHEAT-1952	proteomics_heat	1246003	1246071	-	5	2	K.VADMVANFAHEIDTYGHIPNGNR.S	27
PHEAT-1953	proteomics_heat	1246946	1246990	-	6	2	K.LYAIQPEETLTDVK.T	19
PHEAT-1954	proteomics_heat	1247030	1247083	-	6	5	K.GICLSAGSPVSHSALIAR.E	22
PHEAT-1955	proteomics_heat	1247084	1247176	-	6	3	K.EELPQFNSPTILLAENIYPSTVLQLDPAVVK.G	35
PHEAT-1956	proteomics_heat	1247177	1247203	-	6	4	R.TLVHLTQTK.E	13
PHEAT-1957	proteomics_heat	1247561	1247641	-	6	3	R.QLAEDNFGETEIVAPPTLRPVPVSGK.A	31
PHEAT-1958	proteomics_heat	1247708	1247755	-	6	2	K.CVTPESINQIALLQVR.Y	20
PHEAT-1959	proteomics_heat	1247870	1247941	-	6	10	R.EQLGLPSSDTEISDTCPAYDEEAR.S	28
PHEAT-1960	proteomics_heat	1248185	1248244	-	6	5	K.IAIAAGIDDPQNPIGTDVAVK.V	24

PHEAT-1961	proteomics_heat	1248302	1248334	-	6	3	M.VNLVIVSHSSR.L	15
PHEAT-1962	proteomics_heat	1248621	1248647	-	4	7	R.DGADGVISR.G	13
PHEAT-1963	proteomics_heat	1248648	1248686	-	4	2	R.QSLTLEELYQMFR.D	17
PHEAT-1964	proteomics_heat	1248711	1248782	-	4	4	K.NTGMTLLSSVGGASGPLFGTFFIR.A	28
PHEAT-1965	proteomics_heat	1248783	1248824	-	4	3	K.LPAIADKDIGFILK.N	18
PHEAT-1966	proteomics_heat	1249165	1249230	-	5	2	R.VIALVNNLGATPLSELYGVYNR.L	26
PHEAT-1967	proteomics_heat	1249312	1249386	-	5	12	R.RPFSSLDQTVDEMFDLLVNGSYHR.T	29
PHEAT-1968	proteomics_heat	1249528	1249563	-	5	2	R.GDSLDAEELGR.K	16
PHEAT-1969	proteomics_heat	1249684	1249749	-	5	2	K.NYTGDIINFETATELLHDSGVK.V	26
PHEAT-1970	proteomics_heat	1249951	1249998	-	5	2	K.AHPSLTLHQDPVYVTR.A	20
PHEAT-1971	proteomics_heat	1249999	1250052	-	5	2	K.LINDVQDVLDEQLAGLAK.A	22
PHEAT-1972	proteomics_heat	1256094	1256114	-	4	7	K.IHTDFEK.G	11
PHEAT-1973	proteomics_heat	1256115	1256162	-	4	5	R.AWTIPVGATAPQAAGK.I	20
PHEAT-1974	proteomics_heat	1256172	1256210	-	4	2	K.LLNLQTYFTAGVK.E	17
PHEAT-1975	proteomics_heat	1256232	1256351	-	4	2	K.EGSVVVPVCAAVEADIAELDDEERDEFMQELGLEEPGLNR.V	44
PHEAT-1976	proteomics_heat	1256367	1256459	-	4	5	R.YLSFLTALKPTMYIANVNEDGFENNPYLDQVR.E	35
PHEAT-1977	proteomics_heat	1256424	1256459	-	4	2	R.YLSFLTALKPTMY.I	16
PHEAT-1978	proteomics_heat	1256472	1256498	-	4	3	R.ALDSAEK.A	13
PHEAT-1979	proteomics_heat	1256499	1256534	-	4	3	K.CLPLENAGMLR.A	16
PHEAT-1980	proteomics_heat	1256535	1256558	-	4	2	K.AELAVLEK.C	12
PHEAT-1981	proteomics_heat	1256610	1256681	-	4	4	K.VNPADDIEVINTELALADLTCER.A	28
PHEAT-1982	proteomics_heat	1256682	1256720	-	4	4	R.CFENDNIIHVSQK.V	17
PHEAT-1983	proteomics_heat	1256721	1256750	-	4	9	R.ETEAIQHVVR.C	14
PHEAT-1984	proteomics_heat	1256751	1256789	-	4	5	K.GEGLGNQFLTNR.E	17
PHEAT-1985	proteomics_heat	1256751	1256801	-	4	6	K.GASKGEGLGNQFLTNR.E	21
PHEAT-1986	proteomics_heat	1256802	1256849	-	4	32	R.TLPTTMEFVDIAGLVK.G	20
PHEAT-1987	proteomics_heat	1256850	1256885	-	4	5	R.LDQLAEIVKQQR.T	16
PHEAT-1988	proteomics_heat	1256886	1256963	-	4	6	K.AGIEAANFPCTIEPNTGVVPMPPDR.L	30
PHEAT-1989	proteomics_heat	1257257	1257301	-	6	3	K.VVGFVLGKPPVSEQK.L	19
PHEAT-1990	proteomics_heat	1257308	1257334	-	6	2	R.IGIGHPGDK.N	13
PHEAT-1991	proteomics_heat	1257341	1257367	-	6	3	K.LGNNPNFHR.L	13
PHEAT-1992	proteomics_heat	1257635	1257676	-	6	7	R.HNAGAWFVDLLAER.L	18
PHEAT-1993	proteomics_heat	1258578	1258637	-	4	3	R.VIGPLFFAAAEGFLTLESR.L	24
PHEAT-1994	proteomics_heat	1259013	1259099	-	4	2	K.ANSELVGQGLGNIIAPFFGGITATAAIAR.S	33
PHEAT-1995	proteomics_heat	1260154	1260192	-	5	2	R.ISNEESISAMFEH.-	17
PHEAT-1996	proteomics_heat	1260154	1260195	-	5	9	R.RISNEESISAMFEH.-	18
PHEAT-1997	proteomics_heat	1260196	1260234	-	5	12	R.TLTLSGMLAEAIR.R	17
PHEAT-1998	proteomics_heat	1260253	1260312	-	5	12	R.NSVIDEVVCDTIPLSDEIK.S	24
PHEAT-1999	proteomics_heat	1260313	1260369	-	5	15	R.VFAYATHPIFSGNAANNLR.N	23
PHEAT-2000	proteomics_heat	1260313	1260372	-	5	2	K.RVFAYATHPIFSGNAANNLR.N	24
PHEAT-2001	proteomics_heat	1260382	1260405	-	5	4	K.AAEALKER.G	12
PHEAT-2002	proteomics_heat	1260406	1260456	-	5	21	R.DCVLVDDMIDTGGTLCK.A	21
PHEAT-2003	proteomics_heat	1260457	1260504	-	5	18	R.ANVSQVMHIIGDVAGR.D	20
PHEAT-2004	proteomics_heat	1260514	1260552	-	5	4	K.LLNDTDMAIIDKR.R	17
PHEAT-2005	proteomics_heat	1260517	1260552	-	5	2	K.LLNDTDMAIIDK.R	16
PHEAT-2006	proteomics_heat	1260727	1260765	-	5	4	K.VVADFLSSVGVDR.V	17

PHEAT-2007	proteomics_heat	1260811	1260846	-	5	2	R.ITAVIPYFGYAR.Q	16
PHEAT-2008	proteomics_heat	1260952	1260996	-	5	5	R.FSDGEVSVQINENVR.G	19
PHEAT-2009	proteomics_heat	1260997	1261032	-	5	5	R.LYTSLGDAAVGR.F	16
PHEAT-2010	proteomics_heat	1261045	1261083	-	5	7	K.LFAGNATPELAQR.I	17
PHEAT-2011	proteomics_heat	1261261	1261287	-	5	2	K.GANLSPLHR.A	13
PHEAT-2012	proteomics_heat	1261288	1261335	-	5	2	R.QVLEQAPEWLNQFVAK.G	20
PHEAT-2013	proteomics_heat	1261525	1261596	-	5	2	K.WYLVAHPGVS IPTPVIFKDP ELP R.N	28
PHEAT-2014	proteomics_heat	1261810	1261851	-	5	5	R.LPTGSGANISIDKR.L	18
PHEAT-2015	proteomics_heat	1261810	1261872	-	5	2	K.TAADSGRLPTGSGANISIDKR.L	25
PHEAT-2016	proteomics_heat	1261894	1261944	-	5	3	R.LLTPVEGVEHEDNLIVR.A	21
PHEAT-2017	proteomics_heat	1262136	1262186	-	4	3	K.TQPAMPANMELTDGGQR.I	21
PHEAT-2018	proteomics_heat	1262316	1262351	-	4	2	K.LTGMPIPLNSLR.Q	16
PHEAT-2019	proteomics_heat	1262352	1262387	-	4	2	R.YTADDAEEMIGK.L	16
PHEAT-2020	proteomics_heat	1262397	1262477	-	4	6	R.LLLTNPLGSTELELNAQPGNVQLVDNK.G	31
PHEAT-2021	proteomics_heat	1262559	1262582	-	4	2	R.NLNQYQTR.G	12
PHEAT-2022	proteomics_heat	1272595	1272669	-	5	17	R.GQKPGEGYNIQQMLEILTAQNVPVK.L	29
PHEAT-2023	proteomics_heat	1272595	1272708	-	5	3	R.LFLMSDAVTAGLRGQKPGEGYNIQQMLEILTAQNVPVK.L	42
PHEAT-2024	proteomics_heat	1272670	1272708	-	5	4	R.LFLMSDAVTAGLR.G	17
PHEAT-2025	proteomics_heat	1272754	1272813	-	5	5	K.IVIVANGAPYGSSESLFNLSR.L	24
PHEAT-2026	proteomics_heat	1273599	1273625	-	4	4	K.SLPIIANIR.P	13
PHEAT-2027	proteomics_heat	1274411	1274443	-	6	2	R.VEAAVWHQER.I	15
PHEAT-2028	proteomics_heat	1274489	1274518	-	6	3	R.RLDITESTVK.V	14
PHEAT-2029	proteomics_heat	1274531	1274557	-	6	4	K.LIAQGLPNK.M	13
PHEAT-2030	proteomics_heat	1274576	1274599	-	6	2	R.DVNQLTPR.E	12
PHEAT-2031	proteomics_heat	1274624	1274698	-	6	19	K.ALHQAAAGEMVLSEALTPVLAASLR.A	29
PHEAT-2032	proteomics_heat	1274996	1275049	-	6	2	M.SNQEPATILLIDHPMLR.T	22
PHEAT-2033	proteomics_heat	1275711	1275785	-	4	4	R.HLSHDQQQLVDTLVEQLTATLALDR.H	29
PHEAT-2034	proteomics_heat	1276143	1276223	-	4	2	R.NEMAMLGTALNNMSAELAESYAVLEQR.V	31
PHEAT-2035	proteomics_heat	1276413	1276481	-	4	4	R.ETVSADVSQFVAGLDQLVSGFDR.T	27
PHEAT-2036	proteomics_heat	1287248	1287295	-	6	7	K.IINIHHSFLPAFIGAR.P	20
PHEAT-2037	proteomics_heat	1287260	1287295	-	6	3	K.IINIHHSFLPAF.I	16
PHEAT-2038	proteomics_heat	1287344	1287394	-	6	5	K.MADAIDAYQPDYVVLAK.Y	21
PHEAT-2039	proteomics_heat	1287413	1287457	-	6	7	R.FDIPFELVSHGLTR.N	19
PHEAT-2040	proteomics_heat	1287473	1287535	-	6	5	K.ANYGGLDVEIAAVIGNHDTLR.S	25
PHEAT-2041	proteomics_heat	1287536	1287568	-	6	5	K.EAHCLGDLLMK.A	15
PHEAT-2042	proteomics_heat	1287617	1287694	-	6	17	R.TELEGIFNDSTLLADLDSALPEG SVR.E	30
PHEAT-2043	proteomics_heat	1287716	1287760	-	6	18	K.HELNIVQNNEFVDHR.T	19
PHEAT-2044	proteomics_heat	1291735	1291761	-	5	5	K.SLDDFLIKQ.-	13
PHEAT-2045	proteomics_heat	1291804	1291824	-	5	4	K.TWTGQGR.T	11
PHEAT-2046	proteomics_heat	1291804	1291824	-	5	4	K.TWTGQGR.T	11
PHEAT-2047	proteomics_heat	1291825	1291857	-	5	21	K.YSYVDENGETK.T	15
PHEAT-2048	proteomics_heat	1291825	1291860	-	5	5	A.KYSYVDENGETK.T	16
PHEAT-2049	proteomics_heat	1291897	1291932	-	5	2	D.PNELLNSLA AVK.S	16
PHEAT-2050	proteomics_heat	1291897	1291959	-	5	5	R.EMLIADGIDPNELLNSLA AVK.S	25
PHEAT-2051	proteomics_heat	1291984	1292022	-	5	3	R.EEESAAAAEVEER.T	17
PHEAT-2052	proteomics_heat	1291984	1292025	-	5	31	R.EEESAAAAEVEER.T	18

PHEAT-2053	proteomics_heat	1292026	1292049	-	5	16	K.LEVVVNER.R	12
PHEAT-2054	proteomics_heat	1292026	1292088	-	5	54	R.ECTLETLEEMLEKLEVVVNER.R	25
PHEAT-2055	proteomics_heat	1292050	1292088	-	5	20	R.ECTLETLEEMLEK.L	17
PHEAT-2056	proteomics_heat	1294717	1294749	-	5	3	R.DYVEGETAAKK.E	15
PHEAT-2057	proteomics_heat	1294720	1294749	-	5	11	R.DYVEGETAAK.K	14
PHEAT-2058	proteomics_heat	1294750	1294779	-	5	3	K.QILLDTYYGR.D	14
PHEAT-2059	proteomics_heat	1294804	1294851	-	5	6	K.LSEDAFDDQCTGANPR.Y	20
PHEAT-2060	proteomics_heat	1294804	1294863	-	5	3	A.NVDKLEDAFDDQCTGANPR.Y	24
PHEAT-2061	proteomics_heat	1294804	1294896	-	5	8	R.EAGVQEADFLANVDKLEDAFDDQCTGANPR.Y	35
PHEAT-2062	proteomics_heat	1294852	1294896	-	5	3	R.EAGVQEADFLANVDK.L	19
PHEAT-2063	proteomics_heat	1294927	1294953	-	5	8	K.LLAWLETLK.A	13
PHEAT-2064	proteomics_heat	1294975	1295022	-	5	18	R.YAEIADHLGLSAPGDR.T	20
PHEAT-2065	proteomics_heat	1294975	1295025	-	5	10	R.RYAEIADHLGLSAPGDR.T	21
PHEAT-2066	proteomics_heat	1295068	1295094	-	5	6	R.YNANDNPTK.Q	13
PHEAT-2067	proteomics_heat	1295095	1295160	-	5	6	K.LGSQFHIPHLANALLICNVIR.Y	26
PHEAT-2068	proteomics_heat	1295125	1295160	-	5	6	K.LGSQFHIPHLA.N	16
PHEAT-2069	proteomics_heat	1295134	1295160	-	5	2	K.LGSQFHIPH.G	13
PHEAT-2070	proteomics_heat	1295245	1295295	-	5	6	K.EYLPASYHEGSKNPVAR.E	21
PHEAT-2071	proteomics_heat	1295260	1295295	-	5	12	K.EYLPASYHEGSK.N	16
PHEAT-2072	proteomics_heat	1295260	1295304	-	5	4	K.LLKEYLPASYHEGSK.N	19
PHEAT-2073	proteomics_heat	1295305	1295397	-	5	2	F.GGLDAVTHAMEAYVSVLASEFSDGQALQALK.L	35
PHEAT-2074	proteomics_heat	1295305	1295409	-	5	3	S.LCAFGGLDAVTHAMEAYVSVLASEFSDGQALQALK.L	39
PHEAT-2075	proteomics_heat	1295305	1295412	-	5	51	K.SLCAFGGLDAVTHAMEAYVSVLASEFSDGQALQALK.L	40
PHEAT-2076	proteomics_heat	1295413	1295487	-	5	7	K.YPLADYALTPDMAIVDANLVMDMPK.S	29
PHEAT-2077	proteomics_heat	1295413	1295520	-	5	3	F.AVVTDATGQKYPLADYALTPDMAIVDANLVMDMPK.S	40
PHEAT-2078	proteomics_heat	1295488	1295520	-	5	2	F.AVVTDATGQK.Y	15
PHEAT-2079	proteomics_heat	1295488	1295571	-	5	9	K.MIAVTTTSGTGSEVTPFAVVTDATGQK.Y	32
PHEAT-2080	proteomics_heat	1295629	1295667	-	5	2	Y.EHPETHFEELALR.F	17
PHEAT-2081	proteomics_heat	1295629	1295685	-	5	9	K.IMWVMEHPETHFEELALR.F	23
PHEAT-2082	proteomics_heat	1295686	1295763	-	5	7	K.GAELANSFKPDVIALGGGSPMDAAK.I	30
PHEAT-2083	proteomics_heat	1295686	1295766	-	5	16	R.KGAELANSFKPDVIALGGGSPMDAAK.I	31
PHEAT-2084	proteomics_heat	1295767	1295832	-	5	38	K.AAGVETEVFFEVEADPTLSIVR.K	26
PHEAT-2085	proteomics_heat	1295833	1295880	-	5	15	R.FLFNNGYADQITSVLK.A	20
PHEAT-2086	proteomics_heat	1295902	1295952	-	5	10	R.GSLPIALDEVITDGHKR.A	21
PHEAT-2087	proteomics_heat	1295902	1295955	-	5	5	R.RGSLPIALDEVITDGHKR.A	22
PHEAT-2088	proteomics_heat	1295905	1295952	-	5	2	R.GSLPIALDEVITDGHK.R	20
PHEAT-2089	proteomics_heat	1295905	1295955	-	5	4	R.RGSLPIALDEVITDGHK.R	21
PHEAT-2090	proteomics_heat	1296037	1296108	-	5	7	K.LAPSLTLGCGSWGGSISENVGPK.H	28
PHEAT-2091	proteomics_heat	1296109	1296165	-	5	16	R.ILINTPASQGGIGDLYNFK.L	23
PHEAT-2092	proteomics_heat	1296202	1296270	-	5	20	K.LVAMGGIGHTSCLYTDQDNQPAR.V	27
PHEAT-2093	proteomics_heat	1296271	1296309	-	5	4	R.AKDFEDAVEKAEK.L	17
PHEAT-2094	proteomics_heat	1296280	1296303	-	5	2	K.DFEDAVEK.A	12
PHEAT-2095	proteomics_heat	1296280	1296309	-	5	8	R.AKDFEDAVEK.A	14
PHEAT-2096	proteomics_heat	1296310	1296336	-	5	4	K.LSPTLAMYP.A	13
PHEAT-2097	proteomics_heat	1296337	1296393	-	5	37	K.ILIGEVTVVDESEPFHEK.L	23
PHEAT-2098	proteomics_heat	1296394	1296435	-	5	6	K.IAELAGFSVPENTK.I	18

PHEAT-2099	proteomics_heat	1296436	1296480	-	5	12	K.NGALNAAIVGQPAYK.I	19
PHEAT-2100	proteomics_heat	1296481	1296504	-	5	3	K.AVQDVILK.N	12
PHEAT-2101	proteomics_heat	1296514	1296549	-	5	24	R.FATHGGYLLQGK.E	16
PHEAT-2102	proteomics_heat	1296556	1296630	-	5	5	K.TFDNGVICASEQSVVVVDSVYDAVR.E	29
PHEAT-2103	proteomics_heat	1296658	1296723	-	5	3	K.PAIGVGAGNTPVVIDETADIKR.A	26
PHEAT-2104	proteomics_heat	1296658	1296735	-	5	2	Y.SSGKPAIGVGAGNTPVVIDETADIKR.A	30
PHEAT-2105	proteomics_heat	1296658	1296744	-	5	19	K.AAYSSGKPAIGVGAGNTPVVIDETADIKR.A	33
PHEAT-2106	proteomics_heat	1296661	1296744	-	5	2	K.AAYSSGKPAIGVGAGNTPVVIDETADIKR.R	32
PHEAT-2107	proteomics_heat	1296745	1296807	-	5	2	N.ALMHHPDINLILATGGPGMVK.A	25
PHEAT-2108	proteomics_heat	1296745	1296852	-	5	6	K.DLIGWIDQPSVELSNALMHHPDINLILATGGPGMVK.A	40
PHEAT-2109	proteomics_heat	1296853	1296900	-	5	4	K.AADIVLQAAIAAGAPK.D	20
PHEAT-2110	proteomics_heat	1296922	1296951	-	5	16	R.NAIIFSPHR.A	14
PHEAT-2111	proteomics_heat	1296976	1297092	-	5	31	K.TCGVLSDDTFGTITIAEPIGIIICGIVPTTNPTSTAIFK.S	43
PHEAT-2112	proteomics_heat	1297093	1297140	-	5	5	K.NHFASEYIYNAYKDEK.T	20
PHEAT-2113	proteomics_heat	1297102	1297140	-	5	10	K.NHFASEYIYNAYK.D	17
PHEAT-2114	proteomics_heat	1297150	1297191	-	5	7	K.MAVAESGMGIVEDK.V	18
PHEAT-2115	proteomics_heat	1297207	1297236	-	5	12	R.AAALAAADAR.I	14
PHEAT-2116	proteomics_heat	1297246	1297281	-	5	7	R.EYASFTQEVDK.I	16
PHEAT-2117	proteomics_heat	1297300	1297341	-	5	9	M.AVTNVAELNALVER.V	18
PHEAT-2118	proteomics_heat	1305590	1305667	-	6	3	R.EYLIMTTPYFVPSDDLHAICTAAQR.G	30
PHEAT-2119	proteomics_heat	1306262	1306318	-	6	2	K.GNQLQLMTESDDVMQALIR.D	23
PHEAT-2120	proteomics_heat	1306355	1306402	-	6	5	K.HIFAEENSSVAAPLFK.L	20
PHEAT-2121	proteomics_heat	1307379	1307435	-	4	3	R.LGDNADVIPGDSNDSSVLK.K	23
PHEAT-2122	proteomics_heat	1308782	1308808	-	6	6	R.LQLLHDEGR.L	13
PHEAT-2123	proteomics_heat	1309890	1309922	-	4	2	K.YVAVDPEGKPR.A	15
PHEAT-2124	proteomics_heat	1309950	1309979	-	4	2	K.KVASEPIGQR.Y	14
PHEAT-2125	proteomics_heat	1310034	1310096	-	4	3	R.VEGMTFLRPVAVGDVVCCYAR.C	25
PHEAT-2126	proteomics_heat	1310226	1310267	-	4	9	M.STTHNV PQGDLVLR.T	18
PHEAT-2127	proteomics_heat	1312835	1312891	-	6	2	K.NAGDTASIPTIEAILNEEK.Q	23
PHEAT-2128	proteomics_heat	1312964	1313020	-	6	2	K.MAALGQSIGGIFPSDEIVK.G	23
PHEAT-2129	proteomics_heat	1313099	1313125	-	6	3	R.IEQHLSETK.N	13
PHEAT-2130	proteomics_heat	1313471	1313500	-	6	2	R.DAALIAAAQK.V	14
PHEAT-2131	proteomics_heat	1313588	1313623	-	6	2	R.IDQVVESESNLK.I	16
PHEAT-2132	proteomics_heat	1313729	1313782	-	6	6	K.TIEDVFIHLLSDTYSAEK.Q	22
PHEAT-2133	proteomics_heat	1314458	1314478	-	6	3	K.VFVQPMK.A	11
PHEAT-2134	proteomics_heat	1314497	1314529	-	6	10	K.IIEQHINEPEK.M	15
PHEAT-2135	proteomics_heat	1314584	1314643	-	6	2	K.EYNAAPPLQGFGISAPDQVK.A	24
PHEAT-2136	proteomics_heat	1314584	1314649	-	6	8	K.LKEYNAAPPLQGFGISAPDQVK.A	26
PHEAT-2137	proteomics_heat	1314650	1314673	-	6	2	L.PLNHLVAK.L	12
PHEAT-2138	proteomics_heat	1314755	1314811	-	6	12	R.HNVAPIFICPPNADDDLRL.Q	23
PHEAT-2139	proteomics_heat	1314827	1314886	-	6	13	K.VGVDSVLVADVPVEESAPFR.Q	24
PHEAT-2140	proteomics_heat	1314887	1314919	-	6	3	K.GIDEFYAQCEK.V	15
PHEAT-2141	proteomics_heat	1314980	1315036	-	6	38	R.AFAAGVTPAQCFEMLALIR.Q	23
PHEAT-2142	proteomics_heat	1315037	1315066	-	6	2	D.GPTIQNATLR.A	14
PHEAT-2143	proteomics_heat	1315037	1315078	-	6	4	D.PLADGPTIQNATLR.A	18
PHEAT-2144	proteomics_heat	1315037	1315090	-	6	18	I.PFSDPLADGPTIQNATLR.A	22

PHEAT-2145	proteomics_heat	1315037	1315141	-	6	74	K.IIDTLIEAGADALELGIPFSDPLADGPTIQNATLR.A	39
PHEAT-2146	proteomics_heat	1315088	1315141	-	6	8	K.IIDTLIEAGADALELGIP.F	22
PHEAT-2147	proteomics_heat	1315142	1315201	-	6	6	K.EGAFVPFVTLGDPGIEQSLK.I	24
PHEAT-2148	proteomics_heat	1315142	1315204	-	6	4	R.KEGAFVPFVTLGDPGIEQSLK.I	25
PHEAT-2149	proteomics_heat	1315211	1315237	-	6	5	R.YESLFAQLK.E	13
PHEAT-2150	proteomics_heat	1315264	1315302	-	5	17	R.GDKDIFTVHDILK.A	17
PHEAT-2151	proteomics_heat	1315303	1315350	-	5	16	R.ENPDKEQLLVNLSGR.G	20
PHEAT-2152	proteomics_heat	1315360	1315428	-	5	6	K.TLCLHEGIIPALESSHALAHALK.M	27
PHEAT-2153	proteomics_heat	1315369	1315428	-	5	5	K.TLCLHEGIIPALESSHALAH.A	24
PHEAT-2154	proteomics_heat	1315429	1315476	-	5	17	R.ADYVSITDDEALEAFK.T	20
PHEAT-2155	proteomics_heat	1315834	1315914	-	5	6	R.DWSGSYETAHYMLGTAAGPHPYPTIVR.E	31
PHEAT-2156	proteomics_heat	1315915	1315938	-	5	4	K.DACNEALR.D	12
PHEAT-2157	proteomics_heat	1315939	1315989	-	5	14	R.LMGAEVIPVHSGSATLK.D	21
PHEAT-2158	proteomics_heat	1316053	1316130	-	5	27	K.TEIIAETGAGQHGVASALASALLGLK.C	30
PHEAT-2159	proteomics_heat	1316053	1316139	-	5	4	R.MGKTEIIAETGAGQHGVASALASALLGLK.C	33
PHEAT-2160	proteomics_heat	1316143	1316178	-	5	2	K.TNQVLGQALLAK.R	16
PHEAT-2161	proteomics_heat	1316179	1316208	-	5	8	R.EDLLHGGAHK.T	14
PHEAT-2162	proteomics_heat	1316209	1316256	-	5	3	K.CQNITAGTNTTLYLKR.E	20
PHEAT-2163	proteomics_heat	1316212	1316256	-	5	3	K.CQNITAGTNTTLYLK.R	19
PHEAT-2164	proteomics_heat	1316257	1316289	-	5	6	K.NYAGRPTALTK.C	15
PHEAT-2165	proteomics_heat	1316263	1316289	-	5	3	K.NYAGRPTAL.T	13
PHEAT-2166	proteomics_heat	1316290	1316328	-	5	3	K.DPEFQAQFNDLLK.N	17
PHEAT-2167	proteomics_heat	1316290	1316361	-	5	9	R.QLEEFVSAQKDFEFQAQFNDLLK.N	28
PHEAT-2168	proteomics_heat	1316362	1316436	-	5	10	M.TLLNPNPYFGEFGMYVPQILMPALR.Q	29
PHEAT-2169	proteomics_heat	1316646	1316684	-	4	3	K.YVLDNGQGGSGQR.F	17
PHEAT-2170	proteomics_heat	1316646	1316705	-	4	3	R.EFQHVDKYVLDNGQGGSGQR.F	24
PHEAT-2171	proteomics_heat	1316706	1316738	-	4	2	K.ALSVGETLPAR.E	15
PHEAT-2172	proteomics_heat	1316772	1316837	-	4	24	K.VLSLAAVQLHGNEEQLYIDTLR.E	26
PHEAT-2173	proteomics_heat	1316838	1316873	-	4	5	R.NHDIADVVDKAK.V	16
PHEAT-2174	proteomics_heat	1316844	1316873	-	4	5	R.NHDIADVVDK.A	14
PHEAT-2175	proteomics_heat	1316874	1316942	-	4	3	R.CVNVEQAQEVMAAAPLQYVGVFR.N	27
PHEAT-2176	proteomics_heat	1317060	1317137	-	4	8	R.ELSHFANGFLIGSALMAHDDLHA AVR.R	30
PHEAT-2177	proteomics_heat	1317138	1317197	-	4	10	K.LGHNVTVISESGINTYAQVR.E	24
PHEAT-2178	proteomics_heat	1317219	1317242	-	4	2	R.DLSIDLNR.T	12
PHEAT-2179	proteomics_heat	1317294	1317368	-	4	9	R.QLAAVAHSLEMGVLTVEVSNEEEQER.A	29
PHEAT-2180	proteomics_heat	1317369	1317428	-	4	2	R.YYQADACLMLSLVLDLDDQYR.Q	24
PHEAT-2181	proteomics_heat	1317468	1317536	-	4	7	K.YFQGSFNFLPIVSQIAPQPILCK.D	27
PHEAT-2182	proteomics_heat	1317537	1317575	-	4	6	K.HYASAISVLTDEK.Y	17
PHEAT-2183	proteomics_heat	1317594	1317626	-	4	2	K.GVIRDDDFPAR.I	15
PHEAT-2184	proteomics_heat	1317645	1317668	-	4	3	R.TAFILECK.K	12
PHEAT-2185	proteomics_heat	1317669	1317698	-	4	8	R.HFYDALQGAR.T	14
PHEAT-2186	proteomics_heat	1317699	1317752	-	4	10	R.KQQQPLASFQNEVQPSTR.H	22
PHEAT-2187	proteomics_heat	1317861	1317917	-	4	20	R.LHGHEDLQANAQTVLEVLR.S	23
PHEAT-2188	proteomics_heat	1317918	1317971	-	4	5	K.GDAAHEA AVAANVAMLMR.L	22
PHEAT-2189	proteomics_heat	1318086	1318172	-	4	4	R.AAVVHSGGMDEVSLHAPTIVAE LHDGEIK.S	33
PHEAT-2190	proteomics_heat	1318191	1318262	-	4	2	P.AHPPLALIGVYSPELVLP IAETLR.V	28



PHEAT-2191	proteomics_heat	1318191	1318271	-	4	2	L.INPAHPPLALIGVYSPELVLPPIAETLR.V	31
PHEAT-2192	proteomics_heat	1318191	1318298	-	4	8	R.TLFNVLGPLINPAHPPLALIGVYSPELVLPPIAETLR.V	40
PHEAT-2193	proteomics_heat	1318353	1318397	-	4	5	R.QALDELGVCFLFAPK.Y	19
PHEAT-2194	proteomics_heat	1318404	1318463	-	4	13	K.SGSSDLLAAFGINLDMNADK.S	24
PHEAT-2195	proteomics_heat	1318680	1318727	-	4	7	R.GELKPEQLAAALVSMK.I	20
PHEAT-2196	proteomics_heat	1318728	1318790	-	4	11	K.LYQAQTLSSQQESHQLFSAVVR.G	25
PHEAT-2197	proteomics_heat	1318791	1318829	-	4	3	K.LEPANTLQPILEK.L	17
PHEAT-2198	proteomics_heat	1318830	1318865	-	4	5	R.LLEQTLAWAQQK.L	16
PHEAT-2199	proteomics_heat	1318866	1318919	-	4	6	R.VCGFQFHPESILTTQGAR.L	22
PHEAT-2200	proteomics_heat	1319016	1319084	-	4	4	K.ASSIEHDGQAMFAGLTNPLPVAR.Y	27
PHEAT-2201	proteomics_heat	1319085	1319177	-	4	3	K.LPIIGICLGHQAIVEAYGGYVGQAGEILHGK.A	35
PHEAT-2202	proteomics_heat	1319190	1319279	-	4	8	R.LATMSNPVLMSPGPGVPSEAGCMPPELLTR.L	34
PHEAT-2203	proteomics_heat	1319280	1319312	-	4	3	R.NHIPAQTLIER.L	15
PHEAT-2204	proteomics_heat	1319343	1319405	-	4	26	M.ADILLLDNIDSFTYNLADQLR.S	25
PHEAT-2205	proteomics_heat	1319411	1319446	-	6	10	R.AIATAHHAQETF.-	16
PHEAT-2206	proteomics_heat	1319639	1319671	-	6	3	R.AMQLIAEAAGR.R	15
PHEAT-2207	proteomics_heat	1319678	1319716	-	6	2	R.ACMNMGTLGAPK.V	17
PHEAT-2208	proteomics_heat	1319717	1319746	-	6	10	R.HDLDALHAYR.A	14
PHEAT-2209	proteomics_heat	1319765	1319794	-	6	4	R.YSYVMHLVSR.V	14
PHEAT-2210	proteomics_heat	1319765	1319803	-	6	2	K.VDRYSYVMHLVSR.V	17
PHEAT-2211	proteomics_heat	1319804	1319824	-	6	2	R.YVADLTK.V	11
PHEAT-2212	proteomics_heat	1319861	1319899	-	6	4	K.ELSEHMLMLVDLAR.N	17
PHEAT-2213	proteomics_heat	1319861	1319911	-	6	5	R.TDHKELSEHMLMLVDLAR.N	21
PHEAT-2214	proteomics_heat	1320032	1320112	-	6	3	K.SNPSPYMFQMNDFTLFGASPESSLK.Y	31
PHEAT-2215	proteomics_heat	1320167	1320199	-	6	2	R.AGEIFQVVPSR.R	15
PHEAT-2216	proteomics_heat	1320266	1320322	-	6	4	R.QQLTEAAPPLPVVSVPHMR.C	23
PHEAT-2217	proteomics_heat	1320350	1320394	-	6	3	R.IQASLFAPNEEEKQR.L	19
PHEAT-2218	proteomics_heat	1320548	1320586	-	6	7	R.LLQNLNVPKEER.E	17
PHEAT-2219	proteomics_heat	1320587	1320619	-	6	2	R.LCSLSVFDADR.L	15
PHEAT-2220	proteomics_heat	1320668	1320790	-	6	6	R.ITALGDTVTIQALSGNGEALLALLDNALPAGVESEQSPNCR.V	45
PHEAT-2221	proteomics_heat	1320791	1320820	-	6	3	K.SLLLVDLALR.I	14
PHEAT-2222	proteomics_heat	1320821	1320916	-	6	3	R.DNPITALFHQLCGDRPATLLESADIDSKDDLK.S	36
PHEAT-2223	proteomics_heat	1320917	1320970	-	6	5	T.MQTQKPTLELLTCEGAYR.D	22
PHEAT-2224	proteomics_heat	1326438	1326491	-	4	2	K.TPADIMPLYLWLMGDDSR.R	22
PHEAT-2225	proteomics_heat	1326543	1326572	-	4	2	R.VNCINPGGTR.T	14
PHEAT-2226	proteomics_heat	1326579	1326629	-	4	4	K.FATEGMMQVLADEYQQR.L	21
PHEAT-2227	proteomics_heat	1326951	1326986	-	4	6	R.QVASHINEETGR.Q	16
PHEAT-2228	proteomics_heat	1328576	1328626	-	6	4	R.EHEDTLAGIEATGVTQR.N	21
PHEAT-2229	proteomics_heat	1328576	1328635	-	6	2	K.IIREHEDTLAGIEATGVTQR.N	24
PHEAT-2230	proteomics_heat	1328648	1328683	-	6	2	K.ETQPIDRETLK.E	16
PHEAT-2231	proteomics_heat	1328663	1328692	-	6	2	I.MNKETQPIDR.E	14
PHEAT-2232	proteomics_heat	1336627	1336659	-	5	3	R.NPNNEHYLDTK.A	15
PHEAT-2233	proteomics_heat	1336681	1336725	-	5	2	K.KVEILTEAGINIVER.V	19
PHEAT-2234	proteomics_heat	1336771	1336800	-	5	2	R.DFTLCADMFK.L	14
PHEAT-2235	proteomics_heat	1336993	1337037	-	5	4	R.VHSECLTGDALFSLR.C	19
PHEAT-2236	proteomics_heat	1340766	1340873	-	4	2	R.CKFCQFGIIEIDTGNQANALFTSTGLTLNTHHTVA.F	40

PHEAT-2237	proteomics_heat	1341137	1341256	-	6	121	R.NTAIGAGAGALGGAVLTDGSTLGLTGGAAVGGVIGHQV GK.-	44
PHEAT-2238	proteomics_heat	1341648	1341680	-	4	3	R.ASDLMHLEHSK.L	15
PHEAT-2239	proteomics_heat	1341714	1341755	-	4	4	K.FGAVHSYSIGPVER.F	18
PHEAT-2240	proteomics_heat	1341834	1341884	-	4	3	K.AFIGIDGWQPETGFTGR.D	21
PHEAT-2241	proteomics_heat	1341915	1341947	-	4	3	K.KSESMVGPLTR.Q	15
PHEAT-2242	proteomics_heat	1341993	1342040	-	4	2	K.NVTIITVSSYIAHLLK.D	20
PHEAT-2243	proteomics_heat	1342296	1342358	-	4	3	R.QQTILQMVIDQGQVSVTDLAK.A	25
PHEAT-2244	proteomics_heat	1345005	1345028	-	4	4	R.SIARPVA.-	12
PHEAT-2245	proteomics_heat	1345098	1345142	-	4	12	R.DELVCSQENGTVQIK.G	19
PHEAT-2246	proteomics_heat	1345098	1345199	-	4	4	R.LVDNGAIAFIPAPFLHAVRDELVCSQENGTVQIK.G	38
PHEAT-2247	proteomics_heat	1345143	1345199	-	4	5	R.LVDNGAIAFIPAPFLHAVR.D	23
PHEAT-2248	proteomics_heat	1345218	1345247	-	4	2	R.FAAEIVDISR.G	14
PHEAT-2249	proteomics_heat	1345281	1345307	-	4	4	R.DVGDWLYAR.F	13
PHEAT-2250	proteomics_heat	1345335	1345388	-	4	7	K.GETATRPQDEITVQMAER.R	22
PHEAT-2251	proteomics_heat	1345335	1345400	-	4	4	K.AVIKGETATRPQDEITVQMAER.R	26
PHEAT-2252	proteomics_heat	1345410	1345433	-	4	3	K.YGDMINHR.L	12
PHEAT-2253	proteomics_heat	1345536	1345574	-	4	5	R.ELDAQPTGFLLDSR.I	17
PHEAT-2254	proteomics_heat	1345536	1345577	-	4	2	R.RELDAQPTGFLLDSR.I	18
PHEAT-2255	proteomics_heat	1345584	1345640	-	4	50	K.THGLHVDAAEEVLTLDGFCK.L	23
PHEAT-2256	proteomics_heat	1345641	1345688	-	4	2	H.MGFDPANADALAALLK.T	20
PHEAT-2257	proteomics_heat	1345641	1345694	-	4	7	N.VHMGFDPANADALAALLK.T	22
PHEAT-2258	proteomics_heat	1345641	1345715	-	4	8	K.LGFGIYNVHMGFDPANADALAALLK.T	29
PHEAT-2259	proteomics_heat	1345641	1345721	-	4	3	R.DKLGFGIYNVHMGFDPANADALAALLK.T	31
PHEAT-2260	proteomics_heat	1345791	1345823	-	4	2	K.GEVLDIVAEPR.R	15
PHEAT-2261	proteomics_heat	1345791	1345841	-	4	6	R.FILGEKGEVLDIVAEPR.R	21
PHEAT-2262	proteomics_heat	1345923	1346006	-	4	5	K.LVYDQVSDWLENTGDWQPESEAIAEQVR.L	32
PHEAT-2263	proteomics_heat	1346013	1346081	-	4	6	R.MTLSADGTIEDNIEFFAATIESK.A	27
PHEAT-2264	proteomics_heat	1346082	1346114	-	4	3	R.ANEVRPVLACR.M	15
PHEAT-2265	proteomics_heat	1346145	1346192	-	4	2	R.AFTNYLPGFNIPMLPR.E	20
PHEAT-2266	proteomics_heat	1346208	1346291	-	4	2	K.ALPDCLKQLIVAIADPTAWIAEGSKL DK.A	32
PHEAT-2267	proteomics_heat	1346217	1346267	-	4	6	Q.LIVAIADPTAWIAEGSK.L	21
PHEAT-2268	proteomics_heat	1346217	1346273	-	4	2	K.LQLIVAIADPTAWIAEGSK.L	23
PHEAT-2269	proteomics_heat	1346217	1346291	-	4	20	K.ALPDCLKQLIVAIADPTAWIAEGSK.L	29
PHEAT-2270	proteomics_heat	1346292	1346369	-	4	3	R.EDLTALDFVTIDSASTEDMDDALFAK.A	30
PHEAT-2271	proteomics_heat	1346370	1346420	-	4	5	K.EAPDGVATEMLDEGLVR.E	21
PHEAT-2272	proteomics_heat	1346538	1346567	-	4	2	K.EGDWAVAEMR.R	14
PHEAT-2273	proteomics_heat	1346538	1346588	-	4	6	R.GLNHEFKEGDWAVAEMR.R	21
PHEAT-2274	proteomics_heat	1346616	1346648	-	4	2	R.LAIVPDHPLLK.D	15
PHEAT-2275	proteomics_heat	1346682	1346726	-	4	6	R.ESAEPEELVEPFLTR.F	19
PHEAT-2276	proteomics_heat	1346733	1346759	-	4	4	R.IIAVIHSEK.E	13
PHEAT-2277	proteomics_heat	1346781	1346810	-	4	2	K.SYFIPPPQMK.K	14
PHEAT-2278	proteomics_heat	1346811	1346843	-	4	4	K.GFGFLEVDAQK.S	15
PHEAT-2279	proteomics_heat	1348410	1348448	-	4	2	K.MLAHCEAVTPIRR.T	17
PHEAT-2280	proteomics_heat	1348413	1348448	-	4	13	K.MLAHCEAVTPIR.R	16
PHEAT-2281	proteomics_heat	1348413	1348451	-	4	2	R.KMLAHCEAVTPIR.R	17
PHEAT-2282	proteomics_heat	1348485	1348514	-	4	10	R.VNAISAGPIR.T	14

PHEAT-2283	proteomics_heat	1348515	1348550	-	4	7	R.YMANAMGPEGVR.V	16
PHEAT-2284	proteomics_heat	1348611	1348667	-	4	43	R.SMLNPGSALLTSLYLGAER.A	23
PHEAT-2285	proteomics_heat	1348677	1348721	-	4	48	K.IAHDISSYSFVAMAK.A	19
PHEAT-2286	proteomics_heat	1348734	1348793	-	4	3	H.SIGFAPGDQLDGDYVNAVTR.E	24
PHEAT-2287	proteomics_heat	1348734	1348811	-	4	16	K.FDGFVHSIGFAPGDQLDGDYVNAVTR.E	30
PHEAT-2288	proteomics_heat	1348824	1348922	-	4	44	R.VEEFAAQLGSDIVLQCDVAEDASIDTMFAELGK.V	37
PHEAT-2289	proteomics_heat	1348824	1348928	-	4	38	K.GRVEEFAAQLGSDIVLQCDVAEDASIDTMFAELGK.V	39
PHEAT-2290	proteomics_heat	1348929	1348973	-	4	6	R.EGAELAFTYQNDKLK.G	19
PHEAT-2291	proteomics_heat	1348929	1348997	-	4	5	Y.GIAQAMHREGAELAFTYQNDKLK.G	27
PHEAT-2292	proteomics_heat	1348935	1348973	-	4	8	R.EGAELAFTYQNDK.L	17
PHEAT-2293	proteomics_heat	1348974	1349012	-	4	8	K.LSIAYGIAQAMHR.E	17
PHEAT-2294	proteomics_heat	1349013	1349039	-	4	5	R.ILVTVGASK.L	13
PHEAT-2295	proteomics_heat	1349013	1349042	-	4	3	K.RILVTGVASK.L	14
PHEAT-2296	proteomics_heat	1350191	1350253	-	6	3	R.MVGLLPDHVSYPHMLAPGQK.Q	25
PHEAT-2297	proteomics_heat	1353599	1353673	-	6	5	R.IEAYDEAQSILAQELPILPLASSLR.L	29
PHEAT-2298	proteomics_heat	1354190	1354270	-	6	3	R.LTLRPGMNVAYLAFNTAKPPLNNPAVR.H	31
PHEAT-2299	proteomics_heat	1355567	1355605	-	6	3	R.TPLAHYFQLLLTR.L	17
PHEAT-2300	proteomics_heat	1355606	1355668	-	6	2	K.YFDIADEYATECAEPVAEAEER.T	25
PHEAT-2301	proteomics_heat	1356090	1356197	-	4	3	R.TPALNVIMVGIVALSALFFDLVTATALINFGALVAF.T	40
PHEAT-2302	proteomics_heat	1358375	1358425	-	6	6	R.DAEGYLQPPCAPGTDDR.N	21
PHEAT-2303	proteomics_heat	1363108	1363170	-	5	9	R.AVDHAAAVQQAVVGGKTVVIK.Q	25
PHEAT-2304	proteomics_heat	1364369	1364413	-	6	6	V.TDHARKRHPAREAFR.H	19
PHEAT-2305	proteomics_heat	1386332	1386436	-	6	35	R.AVVVIDENDNVIFSQLVDEITTEPDYEALAVLKA.-	39
PHEAT-2306	proteomics_heat	1386335	1386436	-	6	4	R.AVVVIDENDNVIFSQLVDEITTEPDYEALAVLK.A	38
PHEAT-2307	proteomics_heat	1386437	1386505	-	6	11	R.NAEFLQAYGVAIADGPLKGLAAR.A	27
PHEAT-2308	proteomics_heat	1386452	1386505	-	6	94	R.NAEFLQAYGVAIADGPLK.G	22
PHEAT-2309	proteomics_heat	1386506	1386556	-	6	102	R.FCGAEGLNNTLSTFR.N	21
PHEAT-2310	proteomics_heat	1386557	1386634	-	6	46	K.FNQLATEIDNTVVLCISADLPFAQSR.F	30
PHEAT-2311	proteomics_heat	1386557	1386637	-	6	424	R.KFNQLATEIDNTVVLCISADLPFAQSR.F	31
PHEAT-2312	proteomics_heat	1386590	1386637	-	6	2	R.KFNQLATEIDNTVVLC.I	20
PHEAT-2313	proteomics_heat	1386638	1386691	-	6	22	K.VLNIFPSIDTGVCAASVR.K	22
PHEAT-2314	proteomics_heat	1386638	1386694	-	6	7	R.KVLNIFPSIDTGVCAASVR.K	23
PHEAT-2315	proteomics_heat	1386695	1386736	-	6	2	K.DLSDVTLGQFAGKR.K	18
PHEAT-2316	proteomics_heat	1386698	1386736	-	6	29	K.DLSDVTLGQFAGK.R	17
PHEAT-2317	proteomics_heat	1386764	1386832	-	6	55	M.SQTVHFQGNPVTVANSIPQAGSK.A	27
PHEAT-2318	proteomics_heat	1393254	1393331	-	4	2	K.ITTFDNRPLYVPNSLFSSISVENPGR.M	30
PHEAT-2319	proteomics_heat	1395699	1395767	-	4	4	R.CDLLVIKPDQYQTPVELDDEEDD.-	27
PHEAT-2320	proteomics_heat	1395768	1395827	-	4	4	R.TGISAAFLGNTAEQVIDHLR.C	24
PHEAT-2321	proteomics_heat	1395828	1395905	-	4	42	K.GLP EEVIPDLAHLQAGIVVLGTVGR.T	30
PHEAT-2322	proteomics_heat	1395906	1395941	-	4	6	K.FGINENMTHVEK.G	16
PHEAT-2323	proteomics_heat	1396122	1396181	-	4	2	K.ALAVNLA SEEPYHNALNEK.L	24
PHEAT-2324	proteomics_heat	1396239	1396283	-	4	2	R.LEAVIFPTDWHLLR.K	19
PHEAT-2325	proteomics_heat	1396305	1396367	-	4	4	H.NRPFEAI IQEVISGGHDLVLK.M	25
PHEAT-2326	proteomics_heat	1396305	1396379	-	4	2	K.VVWHNRPFEAI IQEVISGGHDLVLK.M	29
PHEAT-2327	proteomics_heat	1396380	1396415	-	4	2	K.YYLNAGVPIEIK.V	16
PHEAT-2328	proteomics_heat	1396416	1396442	-	4	2	R.TAWIHEQAK.Y	13

PHEAT-2329	proteomics_heat	1396476	1396538	-	4	22	K.AFLPIYDFSYEMTLLSPDER.T	25
PHEAT-2330	proteomics_heat	1396810	1396863	-	5	5	K.YITIENNDALAQLAGHTR.N	22
PHEAT-2331	proteomics_heat	1396810	1396869	-	5	3	K.GKYITIIENNDALAQLAGHTR.N	24
PHEAT-2332	proteomics_heat	1396810	1396893	-	5	3	Q.KSGMLAVKGYITIIENNDALAQLAGHTR.N	32
PHEAT-2333	proteomics_heat	1396810	1396899	-	5	2	R.FQKSGMLAVKGYITIIENNDALAQLAGHTR.N	34
PHEAT-2334	proteomics_heat	1396912	1396959	-	5	3	R.GDIGNYLGLTVETISR.L	20
PHEAT-2335	proteomics_heat	1397014	1397043	-	5	2	R.LAAFIYNLSR.R	14
PHEAT-2336	proteomics_heat	1397062	1397115	-	5	3	R.LMSGEIKGDQDMILLLSK.K	22
PHEAT-2337	proteomics_heat	1409184	1409258	-	4	4	R.IETMFSAMQNVVPSHLCDTNLFDK.G	29
PHEAT-2338	proteomics_heat	1409310	1409363	-	4	2	K.AFPIPCNLCSGQPNLQR.Q	22
PHEAT-2339	proteomics_heat	1409472	1409519	-	4	2	R.DDILQTLFLNMFYGGK.M	20
PHEAT-2340	proteomics_heat	1409733	1409792	-	4	2	R.NLQQSAPINFSLVAVNLDQK.Q	24
PHEAT-2341	proteomics_heat	1409850	1409900	-	4	2	R.NVGEAIADFNMIIEGDR.I	21
PHEAT-2342	proteomics_heat	1409943	1409972	-	4	2	I.MQENQQITKK.E	14
PHEAT-2343	proteomics_heat	1418005	1418085	-	5	2	R.FFSDVVGPEHWGLNEYPIPTNSDTK.S	31
PHEAT-2344	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2345	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2346	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2347	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2348	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2349	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2350	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2351	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2352	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2353	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2354	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2355	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2356	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2357	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2358	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2359	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2360	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2361	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2362	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2363	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2364	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2365	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2366	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2367	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2368	proteomics_heat	1433212	1433241	-	5	7	R.HAECVLLVVR.-	14
PHEAT-2369	proteomics_heat	1433350	1433388	-	5	8	R.VHVHVEEGSPKDR.I	17
PHEAT-2370	proteomics_heat	1433356	1433388	-	5	4	R.VHVHVEEGSPK.D	15
PHEAT-2371	proteomics_heat	1433410	1433436	-	5	2	K.SQLEEIKK.F	13
PHEAT-2372	proteomics_heat	1433557	1433586	-	5	6	R.VISHVEEEAK.I	14
PHEAT-2373	proteomics_heat	1433587	1433634	-	5	6	R.TILVPIDISDSELTQR.V	20
PHEAT-2374	proteomics_heat	1434807	1434836	-	4	2	K.DGNKLDLYGK.V	14

PHEAT-2375	proteomics_heat	1434807	1434836	-	4	2	K.DGNKLDLYGK.V	14
PHEAT-2376	proteomics_heat	1434807	1434836	-	4	2	K.DGNKLDLYGK.V	14
PHEAT-2377	proteomics_heat	1434807	1434836	-	4	2	K.DGNKLDLYGK.V	14
PHEAT-2378	proteomics_heat	1434807	1434854	-	4	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT-2379	proteomics_heat	1434807	1434854	-	4	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT-2380	proteomics_heat	1434807	1434854	-	4	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT-2381	proteomics_heat	1434807	1434854	-	4	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT-2382	proteomics_heat	1435416	1435502	-	4	2	R.RADEGKLPLALDSRPPSEAPEETLLHEQR.F	33
PHEAT-2383	proteomics_heat	1435944	1435967	-	4	2	R.DADALVEK.S	12
PHEAT-2384	proteomics_heat	1435968	1436009	-	4	2	R.QQLNDVAEAHELLR.D	18
PHEAT-2385	proteomics_heat	1436058	1436111	-	4	6	R.LLDQFADKIPAELLTALK.S	22
PHEAT-2386	proteomics_heat	1437237	1437299	-	4	4	R.LKPGGIFLLNTPYSADEVWSR.L	25
PHEAT-2387	proteomics_heat	1437558	1437635	-	4	2	R.FTVGIYDDVTNLSLPLPENTLPNSAK.L	30
PHEAT-2388	proteomics_heat	1437855	1437887	-	4	2	K.HLLQALPGSVR.S	15
PHEAT-2389	proteomics_heat	1438335	1438418	-	4	2	R.QTGCAMLCAANVQEAQDFALISQIATLK.S	32
PHEAT-2390	proteomics_heat	1438419	1438478	-	4	2	R.TVATHALSIFGDHSDVM AVR.Q	24
PHEAT-2391	proteomics_heat	1438479	1438523	-	4	3	K.LAGELTPFVLHVAAR.T	19
PHEAT-2392	proteomics_heat	1439384	1439437	-	6	2	K.EGAQVDLTANQLTLATAK.Q	22
PHEAT-2393	proteomics_heat	1439438	1439497	-	6	2	R.MMCANPQLNELDNTISEMLK.E	24
PHEAT-2394	proteomics_heat	1439591	1439665	-	6	2	R.FVLESVNGKPVTS DKNPPEISFGEK.M	29
PHEAT-2395	proteomics_heat	1439908	1439979	-	5	2	Q.AFLTAEALTSISQTTLQNLNLEK.G	28
PHEAT-2396	proteomics_heat	1439908	1440018	-	5	19	R.LSACHNVLFTGHQAFLTAEALTSISQTTLQNLNLEK.G	41
PHEAT-2397	proteomics_heat	1440124	1440165	-	5	4	R.GALIDSQAATIEALK.N	18
PHEAT-2398	proteomics_heat	1440166	1440195	-	5	6	K.NGVMI VNTSR.G	14
PHEAT-2399	proteomics_heat	1440397	1440489	-	5	2	R.TRDANFSLEGLTGFTMYGKTAGVIGTGKIGV.A	35
PHEAT-2400	proteomics_heat	1440433	1440483	-	5	6	R.DANFSLEGLTGFTMYGK.T	21
PHEAT-2401	proteomics_heat	1440433	1440489	-	5	2	R.TRDANFSLEGLTGFTMYGK.T	23
PHEAT-2402	proteomics_heat	1440514	1440579	-	5	7	R.VPAYDPEAVA EHAIGMMMTLNR.R	26
PHEAT-2403	proteomics_heat	1440604	1440642	-	5	2	R.CAGFN NVDLDAAK.E	17
PHEAT-2404	proteomics_heat	1440670	1440747	-	5	6	K.TANGCEAVC I FVNDDGSRPVLEELKK.H	30
PHEAT-2405	proteomics_heat	1461954	1462001	-	4	20	A.TAMPSGWV PVRQNLAR.S	20
PHEAT-2406	proteomics_heat	1480375	1480446	-	5	34	K.DGPTDLVTPYLSTFLGFIGITDVK.F	28
PHEAT-2407	proteomics_heat	1480375	1480461	-	5	10	R.GGIHKDGPTDLVTPYLSTFLGFIGITDVK.F	33
PHEAT-2408	proteomics_heat	1480483	1480524	-	5	3	R.YTENGPEGLVTGKK.A	18
PHEAT-2409	proteomics_heat	1480486	1480524	-	5	3	R.YTENGPEGLVTGK.K	17
PHEAT-2410	proteomics_heat	1480567	1480629	-	5	7	K.AHDVIVIAAPMYN FNISTQLK.N	25
PHEAT-2411	proteomics_heat	1480630	1480677	-	5	6	R.QQEALALSDELIAELK.A	20
PHEAT-2412	proteomics_heat	1480678	1480761	-	5	3	R.DLAANPIPVL D GELVGALRPSDAPLTPR.Q	32
PHEAT-2413	proteomics_heat	1480762	1480788	-	5	5	K.HSADEITVR.D	13
PHEAT-2414	proteomics_heat	1492241	1492309	-	6	4	R.HATLVALPVP GHGAGEPIGILTR.V	27
PHEAT-2415	proteomics_heat	1492712	1492783	-	6	2	R.VGALPTAALGILPSVIGQFHQQK.E	28
PHEAT-2416	proteomics_heat	1492856	1492909	-	6	2	R.QGAQLTLPGEQFLTHAVR.V	22
PHEAT-2417	proteomics_heat	1514479	1514529	-	5	7	H.QILTLPPQH PVFPPAYR.K	21
PHEAT-2418	proteomics_heat	1520478	1520543	-	4	2	K.ATGATGDGTQ PGDVDYTVSTTR.F	26
PHEAT-2419	proteomics_heat	1522598	1522666	-	6	3	N.GTYTIAALPIIGILLVIGWFGVR.K	27
PHEAT-2420	proteomics_heat	1533394	1533480	-	5	3	R.AAIINALHLTEDD ILPGLPIQVATTGHSK.V	33

PHEAT-2421	proteomics_heat	1543942	1543971	-	5	2	K.DGNKLDLYGK.V	14
PHEAT-2422	proteomics_heat	1543942	1543971	-	5	2	K.DGNKLDLYGK.V	14
PHEAT-2423	proteomics_heat	1543942	1543971	-	5	2	K.DGNKLDLYGK.V	14
PHEAT-2424	proteomics_heat	1543942	1543971	-	5	2	K.DGNKLDLYGK.V	14
PHEAT-2425	proteomics_heat	1543942	1543989	-	5	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT-2426	proteomics_heat	1543942	1543989	-	5	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT-2427	proteomics_heat	1543942	1543989	-	5	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT-2428	proteomics_heat	1543942	1543989	-	5	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT-2429	proteomics_heat	1552020	1552079	-	4	5	K.TSAEALQQAIDDNFWQAEYR.D	24
PHEAT-2430	proteomics_heat	1552080	1552109	-	4	2	K.MAQQQGVAVK.T	14
PHEAT-2431	proteomics_heat	1552155	1552250	-	4	5	R.ITDEMLMSASETLAQYSPLVLNNEGEMVLPK.D	36
PHEAT-2432	proteomics_heat	1552251	1552331	-	4	5	K.IYPIAQCNNAFIFPGIGLVIASGASR.I	31
PHEAT-2433	proteomics_heat	1552251	1552337	-	4	3	K.DKIYPIAQCNNAFIFPGIGLVIASGASR.I	33
PHEAT-2434	proteomics_heat	1552338	1552427	-	4	7	R.VEATPQDIIAWTEGNALVATGSPFNPVWVK.D	34
PHEAT-2435	proteomics_heat	1552428	1552475	-	4	2	K.HCPRPVMPLSNPTS.R.V	20
PHEAT-2436	proteomics_heat	1552557	1552616	-	4	6	R.ENLSDWDTSDVLSLLDVVR.N	24
PHEAT-2437	proteomics_heat	1552632	1552661	-	4	2	K.MPNLLPFQTK.L	14
PHEAT-2438	proteomics_heat	1552734	1552805	-	4	2	K.KIVFLGAGSAGCGIAEMIISQTR.E	28
PHEAT-2439	proteomics_heat	1552803	1552832	-	4	2	R.AAGGQLSEKK.I	14
PHEAT-2440	proteomics_heat	1552833	1552916	-	4	5	R.YRNEICSFNDDIQGTAAVTVGTLIAASR.A	32
PHEAT-2441	proteomics_heat	1553052	1553168	-	4	2	K.LSLYTACGGISPAYTLPVVLDVGTNNQQLNDPLYMGWR.N	43
PHEAT-2442	proteomics_heat	1553250	1553297	-	4	9	R.HNMDDILQNVPNHNIK.V	20
PHEAT-2443	proteomics_heat	1553352	1553423	-	4	5	R.LVNNHLDMMPIYPTVGAACER.F	28
PHEAT-2444	proteomics_heat	1553460	1553489	-	4	3	K.TEIDKHIYLR.N	14
PHEAT-2445	proteomics_heat	1553517	1553579	-	4	18	R.NFNLLGLLPEVVETIEEQAER.A	25
PHEAT-2446	proteomics_heat	1553517	1553582	-	4	22	R.RNFNLLGLLPEVVETIEEQAER.A	26
PHEAT-2447	proteomics_heat	1553610	1553666	-	4	8	R.SLYIPYAGPVLLFPLLNK.G	23
PHEAT-2448	proteomics_heat	1566987	1567016	-	4	4	R.SPHYIVMNDK.K	14
PHEAT-2449	proteomics_heat	1567047	1567097	-	4	3	K.ANTGVTLEPINSQNAPK.G	21
PHEAT-2450	proteomics_heat	1568678	1568710	-	6	4	K.LQGIAQQNSFK.H	15
PHEAT-2451	proteomics_heat	1568678	1568710	-	6	4	K.LQGIAQQNSFK.H	15
PHEAT-2452	proteomics_heat	1568744	1568788	-	6	2	R.GFEMDFAELLEDYK.A	19
PHEAT-2453	proteomics_heat	1568744	1568788	-	6	2	R.GFEMDFAELLEDYK.A	19
PHEAT-2454	proteomics_heat	1568744	1568791	-	6	18	R.RGFEMDFAELLEDYK.A	20
PHEAT-2455	proteomics_heat	1568744	1568791	-	6	18	R.RGFEMDFAELLEDYK.A	20
PHEAT-2456	proteomics_heat	1568804	1568863	-	6	10	R.GWQVPAFTLGGEATDIVVMR.I	24
PHEAT-2457	proteomics_heat	1568804	1568863	-	6	10	R.GWQVPAFTLGGEATDIVVMR.I	24
PHEAT-2458	proteomics_heat	1568876	1568920	-	6	2	K.DGEDPGYTLYDLSER.L	19
PHEAT-2459	proteomics_heat	1568876	1568920	-	6	2	K.DGEDPGYTLYDLSER.L	19
PHEAT-2460	proteomics_heat	1568876	1568926	-	6	5	K.LKDGEDPGYTLYDLSER.L	21
PHEAT-2461	proteomics_heat	1568876	1568926	-	6	5	K.LKDGEDPGYTLYDLSER.L	21
PHEAT-2462	proteomics_heat	1568927	1568992	-	6	5	K.LGPYEFICTGRPDEGIPAVCFK.L	26
PHEAT-2463	proteomics_heat	1568927	1568992	-	6	5	K.LGPYEFICTGRPDEGIPAVCFK.L	26
PHEAT-2464	proteomics_heat	1568993	1569046	-	6	12	K.VQNASYQVAAYLADEIAK.L	22
PHEAT-2465	proteomics_heat	1568993	1569046	-	6	12	K.VQNASYQVAAYLADEIAK.L	22
PHEAT-2466	proteomics_heat	1569071	1569112	-	6	4	R.PAGQVIAQYYEFLR.L	18

PHEAT-2467	proteomics_heat	1569071	1569112	-	6	4	R.PAGQVIAQYYEFLR.L	18
PHEAT-2468	proteomics_heat	1569383	1569490	-	6	2	R.MIEACDENTIGVVPTFGVITYTGNIEFFPQPLHDALDK.F	40
PHEAT-2469	proteomics_heat	1569383	1569490	-	6	2	R.MIEACDENTIGVVPTFGVITYTGNIEFFPQPLHDALDK.F	40
PHEAT-2470	proteomics_heat	1569536	1569556	-	6	3	R.YWDVELR.E	11
PHEAT-2471	proteomics_heat	1569536	1569556	-	6	3	R.YWDVELR.E	11
PHEAT-2472	proteomics_heat	1569566	1569610	-	6	2	D.KPNLVCGPVQICWHK.F	19
PHEAT-2473	proteomics_heat	1569566	1569610	-	6	2	D.KPNLVCGPVQICWHK.F	19
PHEAT-2474	proteomics_heat	1569566	1569637	-	6	9	R.MEAAGKPTDKPNLVCGPVQICWHK.F	28
PHEAT-2475	proteomics_heat	1569566	1569637	-	6	9	R.MEAAGKPTDKPNLVCGPVQICWHK.F	28
PHEAT-2476	proteomics_heat	1569656	1569727	-	6	2	K.NGQAVGTNTIGSSEACMLGGMAMK.W	28
PHEAT-2477	proteomics_heat	1569656	1569727	-	6	2	K.NGQAVGTNTIGSSEACMLGGMAMK.W	28
PHEAT-2478	proteomics_heat	1569728	1569772	-	6	4	R.CVNMVADLWHAPAPK.N	19
PHEAT-2479	proteomics_heat	1569728	1569772	-	6	4	R.CVNMVADLWHAPAPK.N	19
PHEAT-2480	proteomics_heat	1569773	1569823	-	6	4	K.NWIDKEEYPQSAIDL.R.C	21
PHEAT-2481	proteomics_heat	1569773	1569823	-	6	4	K.NWIDKEEYPQSAIDL.R.C	21
PHEAT-2482	proteomics_heat	1569899	1569955	-	6	3	R.DDVAFAQIINDELYLDGNAR.Q	23
PHEAT-2483	proteomics_heat	1569899	1569955	-	6	3	R.DDVAFAQIINDELYLDGNAR.Q	23
PHEAT-2484	proteomics_heat	1574486	1574533	-	6	2	R.GGLGHISQAVDNYTFK.T	20
PHEAT-2485	proteomics_heat	1594380	1594439	-	4	2	Q.VGVLGTGELNITGGIVKAR.D	24
PHEAT-2486	proteomics_heat	1610580	1610624	-	4	3	K.AIHIDEPVVTPMQAR.Q	19
PHEAT-2487	proteomics_heat	1610886	1610939	-	4	3	R.NPFINAGALVVCDMLQGR.L	22
PHEAT-2488	proteomics_heat	1610940	1611011	-	4	2	R.VGKDPSGSPFNLSVQLEMEQGIPR.N	28
PHEAT-2489	proteomics_heat	1611753	1611791	-	4	2	R.FDLRDELHHQVEK.T	17
PHEAT-2490	proteomics_heat	1612125	1612196	-	4	3	K.DAGIPQGVYGWLNADNDGVSQMIK.D	28
PHEAT-2491	proteomics_heat	1612197	1612247	-	4	6	K.HAPNVMGCAQLIAQVFK.D	21
PHEAT-2492	proteomics_heat	1623668	1623724	-	6	3	R.WHCLEENEAMQDVDDFELR.A	23
PHEAT-2493	proteomics_heat	1623725	1623772	-	6	12	K.GYEMSELLSAALLDMR.W	20
PHEAT-2494	proteomics_heat	1623800	1623844	-	6	4	R.HYQSGAAMPDELQK.M	19
PHEAT-2495	proteomics_heat	1623854	1623919	-	6	4	R.DFVEFPSQINEHWATHPQVFAR.Y	26
PHEAT-2496	proteomics_heat	1623920	1623952	-	6	2	R.YATLSGTNTPR.D	15
PHEAT-2497	proteomics_heat	1624091	1624141	-	6	3	K.SGGAWMGNFVEQSTLNK.T	21
PHEAT-2498	proteomics_heat	1624262	1624321	-	6	2	E.LNTVLNEGVPWFMTANQLFGIK.F	24
PHEAT-2499	proteomics_heat	1624370	1624429	-	6	4	K.QQGGFSAQPWDWAFYAEQVR.R	24
PHEAT-2500	proteomics_heat	1624430	1624471	-	6	3	R.ASDELASIQAVIDK.Q	18
PHEAT-2501	proteomics_heat	1624499	1624528	-	6	3	K.TPEAALNFM.R.E	14
PHEAT-2502	proteomics_heat	1624550	1624597	-	6	5	R.AQQATLLGFPHYAAWK.I	20
PHEAT-2503	proteomics_heat	1624703	1624756	-	6	5	K.WLIPLLNTTQQPALAEMR.D	22
PHEAT-2504	proteomics_heat	1624778	1624831	-	6	3	A.QLAGMSEQEIALAAEAAR.E	22
PHEAT-2505	proteomics_heat	1624778	1624861	-	6	21	K.SGGLVVNDIAQLAGMSEQEIALAAEAAR.E	32
PHEAT-2506	proteomics_heat	1624880	1624927	-	6	6	K.VLNTEAATLTSQFNQR.L	20
PHEAT-2507	proteomics_heat	1624979	1625002	-	6	3	R.LVEVIHQ.R.F	12
PHEAT-2508	proteomics_heat	1625003	1625038	-	6	2	R.RESLGLDSESIR.L	16
PHEAT-2509	proteomics_heat	1625060	1625134	-	6	44	R.LDEQFSAELAELANDIYLNELFAR.V	29
PHEAT-2510	proteomics_heat	1625192	1625284	-	6	3	R.AEIAAIALNPQMPDFNNTILALEQSGELLTR.V	35
PHEAT-2511	proteomics_heat	1625192	1625287	-	6	2	K.RAEIAAIALNPQMPDFNNTILALEQSGELLTR.V	36
PHEAT-2512	proteomics_heat	1635648	1635677	-	4	3	K.MTGLESYDVK.I	14

PHEAT-2513	proteomics_heat	1635648	1635677	-	4	3	K.MTGLESYDVK.I	14
PHEAT-2514	proteomics_heat	1635648	1635683	-	4	5	R.EKMTGLESYDVK.I	16
PHEAT-2515	proteomics_heat	1635648	1635683	-	4	5	R.EKMTGLESYDVK.I	16
PHEAT-2516	proteomics_heat	1635744	1635785	-	4	11	K.TKAEADISEYITKK.I	18
PHEAT-2517	proteomics_heat	1635747	1635785	-	4	6	K.TKAEADISEYITK.K	17
PHEAT-2518	proteomics_heat	1637288	1637341	-	6	2	S.AEISARAAYLSDSVNQLR.A	22
PHEAT-2519	proteomics_heat	1637288	1637341	-	6	2	S.AEISARAAYLSDSVNQLR.A	22
PHEAT-2520	proteomics_heat	1643756	1643800	-	6	2	R.LMLEYIADNERLPFK.Q	19
PHEAT-2521	proteomics_heat	1643756	1643800	-	6	2	R.LMLEYIADNERLPFK.Q	19
PHEAT-2522	proteomics_heat	1651211	1651264	-	6	3	K.GIKPTLIIDAACHPSILK.E	22
PHEAT-2523	proteomics_heat	1664629	1664673	-	5	2	K.KLPAPLIGELPYLPR.A	19
PHEAT-2524	proteomics_heat	1664674	1664724	-	5	4	R.INPGLAHYAEIIDVLGK.K	21
PHEAT-2525	proteomics_heat	1665118	1665147	-	5	4	K.TVAGYKPKVAK.G	14
PHEAT-2526	proteomics_heat	1673029	1673061	-	5	8	K.ENTHMLFGDAK.A	15
PHEAT-2527	proteomics_heat	1673062	1673109	-	5	15	R.SMNTGYAGVQNPLFFK.E	20
PHEAT-2528	proteomics_heat	1673110	1673136	-	5	6	K.AQNVIVFKR.S	13
PHEAT-2529	proteomics_heat	1673113	1673136	-	5	7	K.AQNVIVFKR	12
PHEAT-2530	proteomics_heat	1673137	1673175	-	5	8	K.SPIAGMPVLEVWK.A	17
PHEAT-2531	proteomics_heat	1673296	1673334	-	5	20	R.LPGHMNVLLAEAK.V	17
PHEAT-2532	proteomics_heat	1673335	1673361	-	5	8	R.FGIHPVAGR.L	13
PHEAT-2533	proteomics_heat	1673389	1673472	-	5	61	K.NSHSVIITPGYGMVAQAQYPVAEITEK.L	32
PHEAT-2534	proteomics_heat	1673473	1673508	-	5	9	R.EITAEETAELLK.N	16
PHEAT-2535	proteomics_heat	1673509	1673589	-	5	9	R.SFISVIAGGFGTGDGSDGDDQEVGEHR.E	31
PHEAT-2536	proteomics_heat	1674776	1674841	-	6	12	R.AGEITWPAPPIQVSAQPQAAQK.A	26
PHEAT-2537	proteomics_heat	1674860	1674901	-	6	6	K.DGNITVDFDDVVIR.G	18
PHEAT-2538	proteomics_heat	1674860	1674907	-	6	34	K.EKDGNTVDFDDVVIR.G	20
PHEAT-2539	proteomics_heat	1674920	1674973	-	6	16	R.LPTQSSQLYGTNLVNLK.L	22
PHEAT-2540	proteomics_heat	1674920	1675003	-	6	21	K.VIGYTDLPGRLPQSSQLYGTNLVNLK.L	32
PHEAT-2541	proteomics_heat	1674974	1675003	-	6	5	K.VIGYTDLPGR.L	14
PHEAT-2542	proteomics_heat	1675004	1675039	-	6	3	V.PGEIFTTENGVK.V	16
PHEAT-2543	proteomics_heat	1675004	1675099	-	6	7	K.AGSVIDLAAQNGGNCEYTPGEIFTTENGVK.V	36
PHEAT-2544	proteomics_heat	1675100	1675120	-	6	4	R.EMVDSMK.A	11
PHEAT-2545	proteomics_heat	1675133	1675186	-	6	47	K.EVDIIVTTALIPGKPAPK.L	22
PHEAT-2546	proteomics_heat	1675187	1675219	-	6	7	K.AEMELFAAQAK.E	15
PHEAT-2547	proteomics_heat	1675220	1675243	-	6	2	K.VMSDAFIK.A	12
PHEAT-2548	proteomics_heat	1675244	1675324	-	6	4	K.EQVQSMGAEFLELDFKEEAGSGDGYAK.V	31
PHEAT-2549	proteomics_heat	1675325	1675351	-	6	3	R.AFDTRPEVK.E	13
PHEAT-2550	proteomics_heat	1675352	1675426	-	6	21	K.VMVIGAGVAGLAAIGAANSLGAIVR.A	29
PHEAT-2551	proteomics_heat	1675442	1675474	-	6	7	R.FFTGQITAAGK.V	15
PHEAT-2552	proteomics_heat	1675475	1675507	-	6	10	R.AIVEAAHEFGR.F	15
PHEAT-2553	proteomics_heat	1675508	1675558	-	6	6	R.AQSLDALSSMANIAGYR.A	21
PHEAT-2554	proteomics_heat	1675568	1675603	-	6	9	R.NVTVMAMDSVPR.I	16
PHEAT-2555	proteomics_heat	1675616	1675645	-	6	3	W.PAQNPPELMQK.L	14
PHEAT-2556	proteomics_heat	1675616	1675714	-	6	25	K.VNAPLDDEIALLNPGTTLVSVFIWPAQNPPELMQK.L	37
PHEAT-2557	proteomics_heat	1675715	1675783	-	6	17	K.AFVQAGAEIVEGNSVWQSEIILK.V	27
PHEAT-2558	proteomics_heat	1675784	1675843	-	6	201	K.LGFTVAVESGAGQLASFDDK.A	24



PHEAT-2559	proteomics_heat	1683353	1683421	-	6	7	R.INQLLNESLMLVTALNTHIGYDK.A	27
PHEAT-2560	proteomics_heat	1683881	1683973	-	6	9	K.HIEYSLPHVAELALGGTAVGTGLNTHPEYAR.R	35
PHEAT-2561	proteomics_heat	1684457	1684495	-	6	3	K.MPTSLIHALALTK.R	17
PHEAT-2562	proteomics_heat	1684553	1684588	-	6	2	K.DSMGAIDVPADK.L	16
PHEAT-2563	proteomics_heat	1684767	1684856	-	4	21	K.IEVEDFPAPILVDDKGNDFQIQILTQCTR.C	34
PHEAT-2564	proteomics_heat	1684812	1684856	-	4	2	K.IEVEDFPAPILVDDK.G	19
PHEAT-2565	proteomics_heat	1684812	1684856	-	4	2	K.IEVEDFPAPILVDDK.G	19
PHEAT-2566	proteomics_heat	1684857	1684907	-	4	6	K.SLECEVEYPELGMEAIWK.I	21
PHEAT-2567	proteomics_heat	1684908	1684973	-	4	19	K.HGGFYLGSI GGPAAVLAQGSIK.S	26
PHEAT-2568	proteomics_heat	1684974	1685003	-	4	2	R.SQQVTDACKK.H	14
PHEAT-2569	proteomics_heat	1685013	1685072	-	4	2	R.MDSYVDQLQAQGGSMIMLAK.G	24
PHEAT-2570	proteomics_heat	1685073	1685123	-	4	8	K.TPEGYASGSLGPTTAGR.M	21
PHEAT-2571	proteomics_heat	1685124	1685156	-	4	5	K.DHPIYYAGPAK.T	15
PHEAT-2572	proteomics_heat	1685124	1685156	-	4	5	K.DHPIYYAGPAK.T	15
PHEAT-2573	proteomics_heat	1685124	1685192	-	4	6	R.MDNGEGLPQYIKDHPIYYAGPAK.T	27
PHEAT-2574	proteomics_heat	1685256	1685297	-	4	4	K.EILAQLSQYPVSTR.L	18
PHEAT-2575	proteomics_heat	1685256	1685297	-	4	4	K.EILAQLSQYPVSTR.L	18
PHEAT-2576	proteomics_heat	1685256	1685321	-	4	4	R.VDLNRPMEILAQLSQYPVSTR.L	26
PHEAT-2577	proteomics_heat	1685256	1685321	-	4	4	R.VDLNRPMEILAQLSQYPVSTR.L	26
PHEAT-2578	proteomics_heat	1685436	1685486	-	4	9	R.HGASCPVGMGVSCSADR.N	21
PHEAT-2579	proteomics_heat	1685436	1685486	-	4	9	R.HGASCPVGMGVSCSADR.N	21
PHEAT-2580	proteomics_heat	1685505	1685525	-	4	2	K.YFAHDIR.V	11
PHEAT-2581	proteomics_heat	1685505	1685525	-	4	2	K.YFAHDIR.V	11
PHEAT-2582	proteomics_heat	1685526	1685597	-	4	3	R.DVELEKELLIEAQNGLGLGAQFGGK.Y	28
PHEAT-2583	proteomics_heat	1685598	1685648	-	4	5	K.YYDELPTEGNEHGQAFR.D	21
PHEAT-2584	proteomics_heat	1685598	1685648	-	4	5	K.YYDELPTEGNEHGQAFR.D	21
PHEAT-2585	proteomics_heat	1685673	1685750	-	4	18	R.TLGTAAACPPYHIAFVIGGTAETNLK.T	30
PHEAT-2586	proteomics_heat	1685673	1685750	-	4	18	R.TLGTAAACPPYHIAFVIGGTAETNLK.T	30
PHEAT-2587	proteomics_heat	1685757	1685825	-	4	2	K.TYLYQETKALLTPGKLNLYLVEK.M	27
PHEAT-2588	proteomics_heat	1685865	1685933	-	4	10	K.EVNTGTNLPAQIDLYAVDGDYEK.F	27
PHEAT-2589	proteomics_heat	1685865	1685933	-	4	10	K.EVNTGTNLPAQIDLYAVDGDYEK.F	27
PHEAT-2590	proteomics_heat	1685934	1685966	-	4	2	R.YSQNAPLDMYK.E	15
PHEAT-2591	proteomics_heat	1685967	1686002	-	4	3	R.GVYNTYIEDNLR.Y	16
PHEAT-2592	proteomics_heat	1685967	1686002	-	4	3	R.GVYNTYIEDNLR.Y	16
PHEAT-2593	proteomics_heat	1686003	1686041	-	4	3	R.VWTGGGDEAALAR.G	17
PHEAT-2594	proteomics_heat	1686054	1686104	-	4	6	K.GVLPTCQDTGTAIIVGK.K	21
PHEAT-2595	proteomics_heat	1686054	1686104	-	4	6	K.GVLPTCQDTGTAIIVGK.K	21
PHEAT-2596	proteomics_heat	1686126	1686176	-	4	2	R.DPEASENDKYVALQFLR.N	21
PHEAT-2597	proteomics_heat	1686126	1686176	-	4	2	R.DPEASENDKYVALQFLR.N	21
PHEAT-2598	proteomics_heat	1686126	1686200	-	4	3	Q.QQVADILRDPEASENDKYVALQFLR.N	29
PHEAT-2599	proteomics_heat	1686246	1686278	-	4	2	K.VAPEALLLAR.Q	15
PHEAT-2600	proteomics_heat	1686279	1686353	-	4	3	K.DDTEYLLTSEHVSSEFEGQEILK.V	29
PHEAT-2601	proteomics_heat	1695525	1695551	-	4	5	R.NMAFDLGEK.N	13
PHEAT-2602	proteomics_heat	1695576	1695608	-	4	2	K.NINMTSYASSK.A	15
PHEAT-2603	proteomics_heat	1695609	1695659	-	4	6	K.NGGGVILTITSMAAENK.N	21
PHEAT-2604	proteomics_heat	1695726	1695809	-	4	2	K.LGKVDILVNNAGGGGPKPFDMPMADFRR.A	32

PHEAT-2605	proteomics_heat	1695729	1695800	-	4	5	K.VDILVNNAGGGGPKPFDMPMADFR.R	28
PHEAT-2606	proteomics_heat	1695729	1695809	-	4	2	K.LGKVDILVNNAGGGGPKPFDMPMADFR.R	31
PHEAT-2607	proteomics_heat	1695810	1695866	-	4	6	R.CDITSEQELSALADFAISK.L	23
PHEAT-2608	proteomics_heat	1695990	1696028	-	4	2	K.CAIITGAGAGIGK.E	17
PHEAT-2609	proteomics_heat	1702087	1702161	-	5	3	K.HLFNDPNIDLVIPTPNDTHFPLAK.A	29
PHEAT-2610	proteomics_heat	1702207	1702281	-	5	2	K.TFHAPLIAGTPGQELAVISSSEDETK.V	29
PHEAT-2611	proteomics_heat	1704806	1704856	-	6	20	E.MQCVGHGSTHKLQPVQR.S	21
PHEAT-2612	proteomics_heat	1713056	1713091	-	6	2	R.IAKPEHYFSATK.L	16
PHEAT-2613	proteomics_heat	1713137	1713214	-	6	22	K.LLQGATLQEALHEHVTAAYVEIMVTTK.A	30
PHEAT-2614	proteomics_heat	1713407	1713511	-	6	19	R.HGLPASDIIAPNLVEILEILCEHAVNNVEEAVLAAR.E	39
PHEAT-2615	proteomics_heat	1713620	1713697	-	6	4	K.LHTCDAVLSGYLGSAEQGEHILGIVR.Q	30
PHEAT-2616	proteomics_heat	1713698	1713766	-	6	2	K.WTGCVMPPSHLTIIVQGIAAIDK.L	27
PHEAT-2617	proteomics_heat	1713833	1713904	-	6	9	K.NILAIQSHVYVYGHAGNSAAEFPMR.R	28
PHEAT-2618	proteomics_heat	1713975	1713998	-	4	2	K.NYCLICWK.-	12
PHEAT-2619	proteomics_heat	1714038	1714076	-	4	2	K.QSDPEYFFKEEDR.L	17
PHEAT-2620	proteomics_heat	1714077	1714115	-	4	2	K.TIASNAITINGEK.Q	17
PHEAT-2621	proteomics_heat	1714077	1714118	-	4	15	R.KTIASNAITINGEK.Q	18
PHEAT-2622	proteomics_heat	1714131	1714181	-	4	7	K.GADLMQALVDSSELQPSR.G	21
PHEAT-2623	proteomics_heat	1714182	1714280	-	4	2	R.ITECLFSGSLSALSEADFEQLAQDGVPMVEMEK.G	37
PHEAT-2624	proteomics_heat	1714284	1714319	-	4	9	R.LVHGEEGLQAAK.R	16
PHEAT-2625	proteomics_heat	1714284	1714322	-	4	2	T.RLVHGEEGLQAAK.R	17
PHEAT-2626	proteomics_heat	1714320	1714352	-	4	4	R.AQYVLAEQVTR.L	15
PHEAT-2627	proteomics_heat	1714362	1714427	-	4	3	K.FFTFMSIEEINALLEEEDKNSGK.A	26
PHEAT-2628	proteomics_heat	1714437	1714481	-	4	17	K.FYQFWINTADADVYR.F	19
PHEAT-2629	proteomics_heat	1714557	1714604	-	4	15	R.LHQNQVFGLTVPLITK.A	20
PHEAT-2630	proteomics_heat	1714557	1714607	-	4	2	R.RLHQNQVFGLTVPLITK.A	21
PHEAT-2631	proteomics_heat	1714719	1714766	-	4	4	R.LNREDQGISFTEFSYN.L	20
PHEAT-2632	proteomics_heat	1714785	1714814	-	4	3	K.HFSVNQMINK.E	14
PHEAT-2633	proteomics_heat	1714827	1714874	-	4	3	A.NNYDWFNGMNVLTFLR.D	20
PHEAT-2634	proteomics_heat	1714875	1714931	-	4	3	R.KQVAPFLDFDCGENSAIAA.N	23
PHEAT-2635	proteomics_heat	1714932	1714979	-	4	9	R.KLNTEETVQEWVDKIR.K	20
PHEAT-2636	proteomics_heat	1714938	1714979	-	4	4	R.KLNTEETVQEWVDK.I	18
PHEAT-2637	proteomics_heat	1714992	1715066	-	4	24	R.FQQAGHKPVALVGGATGLIGDPSFK.A	29
PHEAT-2638	proteomics_heat	1715070	1715162	-	4	5	R.LAQGPIALYCGFDPTADSLHLGHLVPLLCLK.R	35
PHEAT-2639	proteomics_heat	1715070	1715165	-	4	2	E.RLAQGPIALYCGFDPTADSLHLGHLVPLLCLK.R	36
PHEAT-2640	proteomics_heat	1715076	1715162	-	4	2	R.LAQGPIALYCGFDPTADSLHLGHLVPLLCLK.L	33
PHEAT-2641	proteomics_heat	1715100	1715162	-	4	3	R.LAQGPIALYCGFDPTADSLHL.G	25
PHEAT-2642	proteomics_heat	1715163	1715207	-	4	5	R.GLVAQVTDEEALAER.L	19
PHEAT-2643	proteomics_heat	1715441	1715485	-	6	4	R.VSLEQIEFWQGGGHR.L	19
PHEAT-2644	proteomics_heat	1715486	1715533	-	6	5	K.FQQGEVPLPSFWGGFR.V	20
PHEAT-2645	proteomics_heat	1715597	1715626	-	6	4	R.DSQIGAVVSK.Q	14
PHEAT-2646	proteomics_heat	1715702	1715737	-	6	3	R.VSLLFPWHTLER.Q	16
PHEAT-2647	proteomics_heat	1715831	1715893	-	6	2	K.LADPTAMVVATVDEHGQPYQR.I	25
PHEAT-2648	proteomics_heat	1715990	1716028	-	6	3	M.SDNDELQQIAHLR.R	17
PHEAT-2649	proteomics_heat	1716607	1716687	-	5	3	G.TEVTTTDAVGISGDDMEALAFAWLAWR.T	31
PHEAT-2650	proteomics_heat	1716757	1716816	-	5	2	L.AELTAVTISEQVLLSGGCER.L	24

PHEAT-2651	proteomics_heat	1716910	1716972	-	5	3	K.VILPLLQNMLSDPYFSQPAPK.S	25
PHEAT-2652	proteomics_heat	1717141	1717218	-	5	6	R.DIALGGQGAPLVPAFHHALLAHPTE.R	30
PHEAT-2653	proteomics_heat	1717492	1717539	-	5	3	R.VAQLASLSWPIPVSLK.Q	20
PHEAT-2654	proteomics_heat	1718420	1718452	-	6	5	K.LEHNIIELQAK.G	15
PHEAT-2655	proteomics_heat	1718453	1718515	-	6	35	R.AEILHGISAEELEQLITLIAK.L	25
PHEAT-2656	proteomics_heat	1718453	1718521	-	6	7	K.TRAEILHGISAEELEQLITLIAK.L	27
PHEAT-2657	proteomics_heat	1718522	1718563	-	6	3	K.AEPLISEMEAVINK.T	18
PHEAT-2658	proteomics_heat	1718654	1718686	-	6	2	K.AIGIEQPSLVR.T	15
PHEAT-2659	proteomics_heat	1722182	1722253	-	6	3	K.ALMVHVGGDNMSDQPKPLGGGGER.Y	28
PHEAT-2660	proteomics_heat	1722311	1722379	-	6	2	K.HEGPEGAGHLGDLPALVVNNDGK.A	27
PHEAT-2661	proteomics_heat	1723009	1723047	-	5	2	R.VRPMASCLGGGR.L	17
PHEAT-2662	proteomics_heat	1723048	1723134	-	5	4	F.TLATNQVEISPVHQPLLLDGTLDQLQQLR.V	33
PHEAT-2663	proteomics_heat	1723048	1723143	-	5	4	R.LPFTLATNQVEISPVHQPLLLDGTLDQLQQLR.V	36
PHEAT-2664	proteomics_heat	1723144	1723197	-	5	8	R.HFGVSNFTPAQFALLQSR.L	22
PHEAT-2665	proteomics_heat	1723333	1723383	-	5	4	R.EENVIGHYITDRDHIIK.S	21
PHEAT-2666	proteomics_heat	1723348	1723383	-	5	2	R.EENVIGHYITDR.D	16
PHEAT-2667	proteomics_heat	1731949	1731987	-	5	11	R.FAYVDILQNPDIR.A	17
PHEAT-2668	proteomics_heat	1731988	1732047	-	5	38	K.LPSCGFSAQAVQALAACGER.F	24
PHEAT-2669	proteomics_heat	1731988	1732059	-	5	2	K.GSPKLPSCGFSAQAVQALAACGER.F	28
PHEAT-2670	proteomics_heat	1732060	1732095	-	5	8	R.QIAENPILLYMK.G	16
PHEAT-2671	proteomics_heat	1740676	1740729	-	5	4	R.VNIEIDPQTQAVVDTVER.V	22
PHEAT-2672	proteomics_heat	1740763	1740798	-	5	9	R.FCVHLIPETLER.T	16
PHEAT-2673	proteomics_heat	1740799	1740855	-	5	5	K.GFIGIDGISLTVGEVTPTR.F	23
PHEAT-2674	proteomics_heat	1740871	1740894	-	5	3	K.VQDSQLMK.Y	12
PHEAT-2675	proteomics_heat	1740934	1740999	-	5	6	K.FSDEIGGHLMSGHIMTTAEVAK.I	26
PHEAT-2676	proteomics_heat	1741234	1741266	-	5	5	S.MFTGIVQGTAK.L	15
PHEAT-2677	proteomics_heat	1743045	1743086	-	4	3	R.LRGEGAICLQTSAK.E	18
PHEAT-2678	proteomics_heat	1743435	1743467	-	4	2	K.TQNLSVNVGGR.A	15
PHEAT-2679	proteomics_heat	1743507	1743596	-	4	3	K.ASDTLLAGGTMNNLGGEDSDTIVENGSIYR.L	34
PHEAT-2680	proteomics_heat	1743774	1743818	-	4	3	K.GYACGLLENGGNLR.V	19
PHEAT-2681	proteomics_heat	1753040	1753066	-	6	2	K.HIVIAGVLR.T	13
PHEAT-2682	proteomics_heat	1755916	1756008	-	5	2	R.YVEVHRPLSAEEQQNVQTMPYTLPAFTQFK.D	35
PHEAT-2683	proteomics_heat	1756138	1756203	-	5	7	R.LAHNGEYLIHGTSAPDSVGLR.V	26
PHEAT-2684	proteomics_heat	1756216	1756269	-	5	2	R.GIKLPPVVPAGPNNPLGR.Y	22
PHEAT-2685	proteomics_heat	1756339	1756431	-	5	2	R.LYYYYPPGENIVQVYPIGIGLQGLETPVMETR.V	35
PHEAT-2686	proteomics_heat	1756582	1756647	-	5	4	R.LVGQNQTYTVQEGDKNLQAIAR.R	26
PHEAT-2687	proteomics_heat	1757471	1757524	-	6	2	K.HHAYDVGSFLDNYGIAVR.T	22
PHEAT-2688	proteomics_heat	1757960	1758049	-	6	4	R.LLAITHVSNVLGTENPLAEMITLAHQHGAK.V	34
PHEAT-2689	proteomics_heat	1758140	1758214	-	6	4	R.AGDNIIISQMEHHANIVPWQMLCAR.V	29
PHEAT-2690	proteomics_heat	1758215	1758271	-	6	4	R.GTTEGINLVANSWGNNSNVR.A	23
PHEAT-2691	proteomics_heat	1758344	1758379	-	6	2	R.GIHTLSAQATEK.M	16
PHEAT-2692	proteomics_heat	1758841	1758885	-	5	2	R.AVFNGLINVAQHAIK.T	19
PHEAT-2693	proteomics_heat	1759009	1759053	-	5	3	R.HNTSTQLNGENSTLR.I	19
PHEAT-2694	proteomics_heat	1759474	1759539	-	5	2	R.YVPALSDATEGSGYEVSIINDDR.Q	26
PHEAT-2695	proteomics_heat	1759594	1759665	-	5	5	K.YTPLEGLINSQFVSIAGEISPQQR.D	28
PHEAT-2696	proteomics_heat	1759702	1759740	-	5	2	R.SPQAQQHLQQLLR.T	17

PHEAT-2697	proteomics_heat	1759868	1759918	-	6	4	R.ILDYIKPDYVHVLYQGR.I	21
PHEAT-2698	proteomics_heat	1759991	1760077	-	6	2	R.NDILQMAVLEPELCILDESDSLIDALK.V	33
PHEAT-2699	proteomics_heat	1760156	1760206	-	6	4	R.GQETLDRDFDQDLMEEK.I	21
PHEAT-2700	proteomics_heat	1760417	1760482	-	6	4	R.GLSLDVHPGEVHAIMGPNNGSGK.S	26
PHEAT-2701	proteomics_heat	1760717	1760758	-	6	2	R.NNSAQLHEATTSR.I	18
PHEAT-2702	proteomics_heat	1760873	1760908	-	6	2	K.GISAGHSQNSYR.G	16
PHEAT-2703	proteomics_heat	1761125	1761193	-	6	2	K.YSTVQNWFPDGNNTGGILNFVTK.R	27
PHEAT-2704	proteomics_heat	1762123	1762182	-	5	3	K.LFVPLQAMPFIDGTEVDFVR.E	24
PHEAT-2705	proteomics_heat	1763291	1763326	-	6	10	R.HQVWQIEIFDEK.G	16
PHEAT-2706	proteomics_heat	1763384	1763419	-	6	4	K.VVGLLEINANHVR.S	16
PHEAT-2707	proteomics_heat	1763420	1763521	-	6	5	R.TKQPFGLLHGGASVVAESIGSVAGYLCTEGEQK.V	38
PHEAT-2708	proteomics_heat	1763522	1763575	-	6	4	R.FEHIGDDTLEATMPVDSR.T	22
PHEAT-2709	proteomics_heat	1763656	1763688	-	5	12	R.HPVQALLEIIK.-	15
PHEAT-2710	proteomics_heat	1763767	1763823	-	5	4	K.NHENSLGIYELSWHQAMQR.L	23
PHEAT-2711	proteomics_heat	1764079	1764141	-	5	2	K.LGMPMVGDPALVLCYRDEYK.L	25
PHEAT-2712	proteomics_heat	1764091	1764141	-	5	3	K.LGMPMVGDPALVLCYR.D	21
PHEAT-2713	proteomics_heat	1764151	1764174	-	5	3	K.KTADFLNR.M	12
PHEAT-2714	proteomics_heat	1764280	1764348	-	5	7	R.TVLVVQDPFTSYDAQVVADFVR.L	27
PHEAT-2715	proteomics_heat	1764355	1764405	-	5	5	R.SANMTLEQLESLNAEQK.A	21
PHEAT-2716	proteomics_heat	1764406	1764474	-	5	9	K.HIGMVDLPLLSVPSLQQQMVGHR.S	27
PHEAT-2717	proteomics_heat	1764490	1764525	-	5	2	K.TFNFFINQPLVR.K	16
PHEAT-2718	proteomics_heat	1764535	1764582	-	5	9	R.DHLVATVESYAPLMAR.A	20
PHEAT-2719	proteomics_heat	1764601	1764624	-	5	7	R.FLQLYHTR.Y	12
PHEAT-2720	proteomics_heat	1764679	1764708	-	5	2	K.EAMSGCLACK.A	14
PHEAT-2721	proteomics_heat	1764709	1764759	-	5	3	R.NSWHANKGEYDFSHEVK.E	21
PHEAT-2722	proteomics_heat	1764781	1764837	-	5	5	R.GVDPLKLEQELPESGVSLR.T	23
PHEAT-2723	proteomics_heat	1764940	1764990	-	5	3	R.GAMECNGNGLCFNFDAR.S	21
PHEAT-2724	proteomics_heat	1765141	1765194	-	5	4	R.AEYSPAFFGEELFAELRK.V	22
PHEAT-2725	proteomics_heat	1765144	1765194	-	5	24	R.AEYSPAFFGEELFAELR.K	21
PHEAT-2726	proteomics_heat	1765204	1765236	-	5	2	K.YGGLLWGEHGK.G	15
PHEAT-2727	proteomics_heat	1765237	1765272	-	5	2	K.QISDDVVALTAK.Y	16
PHEAT-2728	proteomics_heat	1765273	1765317	-	5	2	R.PALDMCDPQQEILMK.Q	19
PHEAT-2729	proteomics_heat	1765390	1765470	-	5	6	K.GAAKPIPAEDTCVPEHLADYIAEFR.A	31
PHEAT-2730	proteomics_heat	1765540	1765596	-	5	2	R.LDELIASHQAGVIGWQVCR.E	23
PHEAT-2731	proteomics_heat	1765933	1765974	-	5	6	R.HVFNDEMTEFDLTR.I	18
PHEAT-2732	proteomics_heat	1766050	1766073	-	5	2	R.IYNTVYQR.C	12
PHEAT-2733	proteomics_heat	1766095	1766166	-	5	11	R.AVLLGGDILDTPQLPVELAETLGK.S	28
PHEAT-2734	proteomics_heat	1766167	1766193	-	5	6	K.TSDHVLGVR.A	13
PHEAT-2735	proteomics_heat	1766257	1766325	-	5	5	K.DQLNQYLKPFYFFAPELSTSNR.A	27
PHEAT-2736	proteomics_heat	1766257	1766346	-	5	3	R.VEAGVIKDQLNQYLKPFYFFAPELSTSNR.A	34
PHEAT-2737	proteomics_heat	1766395	1766457	-	5	3	R.GGGTGTNGQALNQGIIVMSR.H	25
PHEAT-2738	proteomics_heat	1766533	1766595	-	5	3	R.LTMSTDNSIYQLLPDAVVFPFR.S	25
PHEAT-2739	proteomics_heat	1782944	1782994	-	6	3	R.DSGVVSELFDERNDAVK.A	21
PHEAT-2740	proteomics_heat	1783148	1783171	-	6	2	K.AVVEELAR.Q	12
PHEAT-2741	proteomics_heat	1783190	1783237	-	6	7	R.NDMGLTNVEIMIPFVR.T	20
PHEAT-2742	proteomics_heat	1783190	1783243	-	6	2	R.VRNDMGLTNVEIMIPFVR.T	22

PHEAT-2743	proteomics_heat	1783244	1783279	-	6	4	R.DCFALECEAVKR.V	16
PHEAT-2744	proteomics_heat	1783313	1783351	-	6	4	R.YEPDEENPMLGFR.G	17
PHEAT-2745	proteomics_heat	1783313	1783387	-	6	2	K.SNEYANLVGGERYEPDEENPMLGFR.G	29
PHEAT-2746	proteomics_heat	1783352	1783387	-	6	2	K.SNEYANLVGGGER.Y	16
PHEAT-2747	proteomics_heat	1783511	1783561	-	6	4	R.ALLEFDDQEPQLQNEIR.E	21
PHEAT-2748	proteomics_heat	1783604	1783651	-	6	4	R.AFDFACLPNEGVLAR.L	20
PHEAT-2749	proteomics_heat	1783652	1783681	-	6	2	K.VMMNVGNPDR.A	14
PHEAT-2750	proteomics_heat	1783682	1783720	-	6	2	K.SSSVETMPDLPLK.V	17
PHEAT-2751	proteomics_heat	1783808	1783855	-	6	5	R.ELGIPAVVGCGDATER.M	20
PHEAT-2752	proteomics_heat	1783856	1783882	-	6	2	R.TCHAAIIAR.E	13
PHEAT-2753	proteomics_heat	1783892	1783918	-	6	2	K.KASAIVTNR.G	13
PHEAT-2754	proteomics_heat	1783919	1783981	-	6	6	R.IEPGDVLVTDMDPDWEPIMK.K	25
PHEAT-2755	proteomics_heat	1783982	1784011	-	6	10	K.VIHDISEMNR.I	14
PHEAT-2756	proteomics_heat	1784114	1784149	-	6	2	K.LFIVQARPETVR.S	16
PHEAT-2757	proteomics_heat	1784168	1784203	-	6	2	K.HYGRPMDIEWAK.D	16
PHEAT-2758	proteomics_heat	1784225	1784269	-	6	7	R.DIFSLTNEEVQELAK.Q	19
PHEAT-2759	proteomics_heat	1784270	1784296	-	6	2	K.IEDVPQEQR.D	13
PHEAT-2760	proteomics_heat	1784306	1784338	-	6	6	R.MVYAPTQEHGK.Q	15
PHEAT-2761	proteomics_heat	1784624	1784653	-	6	9	K.HVFASLFNDR.A	14
PHEAT-2762	proteomics_heat	1784756	1784809	-	6	7	R.EAYAQLSADDENASFAVR.S	22
PHEAT-2763	proteomics_heat	1784810	1784860	-	6	6	R.QWIIDTPFQPELENAIR.E	21
PHEAT-2764	proteomics_heat	1784879	1784932	-	6	9	R.IYELLDKTDIDDVTQLAK.A	22
PHEAT-2765	proteomics_heat	1784933	1785055	-	6	2	K.NASLGEMITNLSGMGVSVPNGFATTADAFNQFLDQSGVNQR.I	45
PHEAT-2766	proteomics_heat	1785068	1785133	-	6	4	M.SNNGSSPLVLWYNQLGMNDVDR.V	26
PHEAT-2767	proteomics_heat	1788285	1788380	-	4	5	R.LAQTLSPFVAVDALNEALDSYQQVLLTHYGER.M	36
PHEAT-2768	proteomics_heat	1791687	1791728	-	4	3	R.APLYPDDILWNFEK.F	18
PHEAT-2769	proteomics_heat	1791687	1791734	-	4	4	K.GRAPLYPDDILWNFEK.F	20
PHEAT-2770	proteomics_heat	1791747	1791803	-	4	2	K.LIAAAPTAVAPEESGFYAR.M	23
PHEAT-2771	proteomics_heat	1791846	1791893	-	4	2	K.TYCTTTWGVTFPMFSK.I	20
PHEAT-2772	proteomics_heat	1791894	1791965	-	4	2	R.GFMVLGFPCNQFLEQEPGSDEEIK.T	28
PHEAT-2773	proteomics_heat	1791981	1792025	-	4	2	K.CGLTPQYEQLENIQK.A	19
PHEAT-2774	proteomics_heat	1792068	1792100	-	4	5	K.DIDGEVTTLEK.F	15
PHEAT-2775	proteomics_heat	1793280	1793312	-	4	6	K.SRVENASPKDE.-	15
PHEAT-2776	proteomics_heat	1793349	1793378	-	4	5	K.TGEDIPITAR.R	14
PHEAT-2777	proteomics_heat	1793442	1793471	-	4	4	R.RALENGEQVK.L	14
PHEAT-2778	proteomics_heat	1793469	1793504	-	4	6	K.ELVELFFEEIRR.A	16
PHEAT-2779	proteomics_heat	1793517	1793561	-	4	3	K.AEMSEYLFDKLGLSK.R	19
PHEAT-2780	proteomics_heat	1793532	1793561	-	4	6	K.AEMSEYLFDK.L	14
PHEAT-2781	proteomics_heat	1793605	1793628	-	5	2	K.CVEALKER.F	12
PHEAT-2782	proteomics_heat	1793629	1793667	-	5	6	R.TLEEEEEIATVAK.C	17
PHEAT-2783	proteomics_heat	1793668	1793706	-	5	2	K.SLAISLILQDTSR.T	17
PHEAT-2784	proteomics_heat	1793734	1793781	-	5	7	K.VGVNQVVGVNLFDVYR.G	20
PHEAT-2785	proteomics_heat	1793734	1793784	-	5	4	K.KVGVNQVVGVNLFDVYR.G	21
PHEAT-2786	proteomics_heat	1793785	1793844	-	5	6	R.DIAVVVAENVPAADILSECK.K	24
PHEAT-2787	proteomics_heat	1793956	1793994	-	5	10	R.IGFVGVVHPELER.K	17
PHEAT-2788	proteomics_heat	1793995	1794057	-	5	3	R.AEANPALHPGQSAAIYLKGER.I	25

PHEAT-2789	proteomics_heat	1794004	1794057	-	5	9	R.AEANPALHPGQSAAIYLK.G	22
PHEAT-2790	proteomics_heat	1794079	1794114	-	5	2	K.GDLESVLDLTGK.L	16
PHEAT-2791	proteomics_heat	1794079	1794141	-	5	8	K.ETVDFYDLKGDLESVLDLTGK.L	25
PHEAT-2792	proteomics_heat	1794142	1794168	-	5	4	R.YEEHWNLAK.E	13
PHEAT-2793	proteomics_heat	1794208	1794243	-	5	2	R.FVPDTQAPLGIR.Q	16
PHEAT-2794	proteomics_heat	1794334	1794411	-	5	8	K.VQQMIHPGVEALLPSPISVEMSAMR.L	30
PHEAT-2795	proteomics_heat	1794412	1794453	-	5	4	K.GYQEVITYSFVDPK.V	18
PHEAT-2796	proteomics_heat	1794412	1794471	-	5	2	K.TLLNDKGYQEVITYSFVDPK.V	24
PHEAT-2797	proteomics_heat	1794478	1794501	-	5	2	R.EADLSLKR.V	12
PHEAT-2798	proteomics_heat	1794502	1794546	-	5	8	I.PDEPVQASLIMGTHR.E	19
PHEAT-2799	proteomics_heat	1794502	1794567	-	5	11	R.VYGYNNIPDEPVQASLIMGTHR.E	26
PHEAT-2800	proteomics_heat	1794568	1794612	-	5	13	R.FDMEIEEDLVEEVAR.V	19
PHEAT-2801	proteomics_heat	1794613	1794672	-	5	2	R.LGCEVTEGKDEWQAVAPSWR.F	24
PHEAT-2802	proteomics_heat	1794676	1794723	-	5	17	R.LIGHHIADEQVTDILR.R	20
PHEAT-2803	proteomics_heat	1794763	1794834	-	5	10	R.LLIDICGGEAGPVIDITNEATLPK.R	28
PHEAT-2804	proteomics_heat	1794856	1794882	-	5	4	R.GVDPALQHK.A	13
PHEAT-2805	proteomics_heat	1794931	1795041	-	5	13	K.ALAMGGIFGGEHSGVNDETQNVLLECAFFSPLSITGR.A	41
PHEAT-2806	proteomics_heat	1795042	1795080	-	5	7	K.LNADTLVIADHNK.A	17
PHEAT-2807	proteomics_heat	1795081	1795122	-	5	6	K.EGETLVLLDGTAK.L	18
PHEAT-2808	proteomics_heat	1795132	1795155	-	5	2	R.IEGGIVVR.M	12
PHEAT-2809	proteomics_heat	1795156	1795236	-	5	3	R.SIDAVVDVTNYVLELQPMHAFDKDR.I	31
PHEAT-2810	proteomics_heat	1795438	1795470	-	5	3	R.ADCLGIIGVAR.D	15
PHEAT-2811	proteomics_heat	1795471	1795512	-	5	7	K.LDDNTIEISVTPNR.A	18
PHEAT-2812	proteomics_heat	1795657	1795701	-	5	5	R.VAVATIGAVLPGDFK.I	19
PHEAT-2813	proteomics_heat	1795714	1795749	-	5	3	R.LLDIVCGAPNCR.Q	16
PHEAT-2814	proteomics_heat	1796064	1796123	-	4	6	R.NVGIDPEVYSGFAFGMGMER.L	24
PHEAT-2815	proteomics_heat	1796124	1796171	-	4	9	K.WLEVLGCGMVHPNVLN.N	20
PHEAT-2816	proteomics_heat	1796181	1796240	-	4	10	R.FRPSYFPFTEPSAEVDVMGK.N	24
PHEAT-2817	proteomics_heat	1796241	1796270	-	4	4	R.NFFEEDLQIR.F	14
PHEAT-2818	proteomics_heat	1796271	1796294	-	4	2	K.GTLHDFLR.N	12
PHEAT-2819	proteomics_heat	1796346	1796381	-	4	2	R.NDYDQHTTPMFH.Q	16
PHEAT-2820	proteomics_heat	1796346	1796390	-	4	2	R.VYRNDYDQHTTPMFH.Q	19
PHEAT-2821	proteomics_heat	1796439	1796465	-	4	2	R.TQTSQVQIR.T	13
PHEAT-2822	proteomics_heat	1796475	1796510	-	4	3	R.ADHDTFWFDTR.L	16
PHEAT-2823	proteomics_heat	1796634	1796666	-	4	8	R.IENGGLHPVTR.T	15
PHEAT-2824	proteomics_heat	1796634	1796669	-	4	2	R.RIENGGLHPVTR.T	16
PHEAT-2825	proteomics_heat	1796670	1796708	-	4	2	R.LAAETIDVSLPGR.R	17
PHEAT-2826	proteomics_heat	1796709	1796744	-	4	10	R.KAELESAALNAR.L	16
PHEAT-2827	proteomics_heat	1796745	1796774	-	4	3	K.EVQVQALNAR.K	14
PHEAT-2828	proteomics_heat	1796775	1796828	-	4	8	R.ELPPEERPAAGAVINEAK.E	22
PHEAT-2829	proteomics_heat	1796829	1796861	-	4	4	K.GHLTLQMTTLR.E	15
PHEAT-2830	proteomics_heat	1796883	1796930	-	4	6	K.AAISQASDVAALDNVR.V	20
PHEAT-2831	proteomics_heat	1796931	1796963	-	4	15	M.SHLAELVASAK.A	15
PHEAT-2832	proteomics_heat	1797438	1797464	-	4	5	K.VAFTALVEK.A	13
PHEAT-2833	proteomics_heat	1797465	1797494	-	4	14	K.ILADIAVFDK.V	14
PHEAT-2834	proteomics_heat	1797465	1797497	-	4	8	R.KILADIAVFDK.V	15

PHEAT-2835	proteomics_heat	1797495	1797518	-	4	11	K.ASVEIDRK.I	12
PHEAT-2836	proteomics_heat	1797495	1797521	-	4	3	K.KASVEIDRK.I	13
PHEAT-2837	proteomics_heat	1797498	1797521	-	4	7	K.KASVEIDR.K	12
PHEAT-2838	proteomics_heat	1797630	1797650	-	4	2	K.AGQYAYR.D	11
PHEAT-2839	proteomics_heat	1797651	1797674	-	4	2	R.VAFQAVIK.A	12
PHEAT-2840	proteomics_heat	1797829	1797867	-	5	3	K.GDLGLVIACLPIA.-	17
PHEAT-2841	proteomics_heat	1798159	1798221	-	5	14	R.VKDDLQELAVVESFPTKIEGR.Q	25
PHEAT-2842	proteomics_heat	1798171	1798221	-	5	20	R.VKDDLQELAVVESFPTK.I	21
PHEAT-2843	proteomics_heat	1798222	1798263	-	5	11	R.EMAHQQIGMEVLNR.V	18
PHEAT-2844	proteomics_heat	1798222	1798269	-	5	2	R.GREMAHQQIGMEVLNR.V	20
PHEAT-2845	proteomics_heat	1798288	1798314	-	5	8	R.FLEEGDKAK.I	13
PHEAT-2846	proteomics_heat	1798333	1798371	-	5	17	K.FRPGTDEGDYQVK.L	17
PHEAT-2847	proteomics_heat	1798447	1798464	-	5	2	R.IMDYGK.F	10
PHEAT-2848	proteomics_heat	1798465	1798527	-	5	8	K.AEEAGVDLVEISPNAEPPVCR.I	25
PHEAT-2849	proteomics_heat	1798465	1798542	-	5	5	R.EALEKAAEEAGVDLVEISPNAEPPVCR.I	30
PHEAT-2850	proteomics_heat	1798543	1798587	-	5	8	R.LTGLEGEQLGIVSLR.E	19
PHEAT-2851	proteomics_heat	1798714	1798752	-	5	7	K.DLGSMDVNEVIEK.L	17
PHEAT-2852	proteomics_heat	1798714	1798758	-	5	6	R.GKDLGSMDVNEVIEK.L	19
PHEAT-2853	proteomics_heat	1798780	1798818	-	5	9	Y.MLVCGDKEVESGK.V	17
PHEAT-2854	proteomics_heat	1798780	1798830	-	5	5	R.RVPYMLVCGDKEVESGK.V	21
PHEAT-2855	proteomics_heat	1799083	1799118	-	5	3	R.LSASYVGEDNER.K	16
PHEAT-2856	proteomics_heat	1799119	1799166	-	5	6	R.AWQCCTVQLDFSLPSR.L	20
PHEAT-2857	proteomics_heat	1799167	1799199	-	5	2	K.IEFTLYDCLDR.A	15
PHEAT-2858	proteomics_heat	1799200	1799286	-	5	29	R.AEADLAVALEENNIPFEYQLGEGAFYGP.K.I	33
PHEAT-2859	proteomics_heat	1799287	1799313	-	5	2	R.IGSDEMWDR.A	13
PHEAT-2860	proteomics_heat	1799350	1799388	-	5	2	R.LVYDMYSTFGFEK.I	17
PHEAT-2861	proteomics_heat	1799389	1799412	-	5	2	R.DEVNGCIR.L	12
PHEAT-2862	proteomics_heat	1799389	1799463	-	5	18	R.GFTQDDAHIFCTEEQIRDEVNGCIR.L	29
PHEAT-2863	proteomics_heat	1799413	1799463	-	5	2	R.GFTQDDAHIFCTEEQIR.D	21
PHEAT-2864	proteomics_heat	1799470	1799505	-	5	12	R.NEPSGSLHGLMR.V	16
PHEAT-2865	proteomics_heat	1799506	1799532	-	5	5	R.MAEFGSCHR.N	13
PHEAT-2866	proteomics_heat	1799557	1799598	-	5	4	M.NCPGHVQIFNQGLK.S	18
PHEAT-2867	proteomics_heat	1799557	1799604	-	5	3	K.PMNCPGHVQIFNQGLK.S	20
PHEAT-2868	proteomics_heat	1799557	1799619	-	5	8	R.EYCIKPMNCPGHVQIFNQGLK.S	25
PHEAT-2869	proteomics_heat	1799620	1799652	-	5	5	K.DAMFTTSEN.R.E	15
PHEAT-2870	proteomics_heat	1799620	1799676	-	5	8	K.TGHWDNYKDAMFTTSEN.R.E	23
PHEAT-2871	proteomics_heat	1799653	1799676	-	5	2	K.TGHWDNYK.D	12
PHEAT-2872	proteomics_heat	1799713	1799742	-	5	7	K.LKEYQYQEVK.G	14
PHEAT-2873	proteomics_heat	1799770	1799829	-	5	2	H.MQEEAPGMVFWHNDGWTIFR.E	24
PHEAT-2874	proteomics_heat	1799890	1799913	-	5	2	K.ALNAYLQR.L	12
PHEAT-2875	proteomics_heat	1799914	1799943	-	5	4	R.IYGTAWADKK.A	14
PHEAT-2876	proteomics_heat	1800022	1800045	-	5	2	R.GPHVPNMR.F	12
PHEAT-2877	proteomics_heat	1800046	1800096	-	5	7	H.DDKPGLYFHEEYVDMCR.G	21
PHEAT-2878	proteomics_heat	1800046	1800126	-	5	16	K.VSILDENIAHDDKPLGFHEEYVDMCR.G	31
PHEAT-2879	proteomics_heat	1800127	1800159	-	5	4	R.ETFANRGESYK.V	15
PHEAT-2880	proteomics_heat	1800184	1800204	-	5	2	K.NYDVIKK.K	11

PHEAT-2881	proteomics_heat	1800187	1800204	-	5	2	K.NYDVIK.K	10
PHEAT-2882	proteomics_heat	1800205	1800225	-	5	5	R.MHELAEK.N	11
PHEAT-2883	proteomics_heat	1800226	1800264	-	5	7	R.TLTQEDVEALEK.R	17
PHEAT-2884	proteomics_heat	1800229	1800264	-	5	2	R.TLTQEDVEALEK.R	16
PHEAT-2885	proteomics_heat	1800229	1800267	-	5	2	D.RTLTQEDVEALEK.R	17
PHEAT-2886	proteomics_heat	1800265	1800321	-	5	14	K.MAIGPVIDNGFYDVLDR.T	23
PHEAT-2887	proteomics_heat	1800379	1800405	-	5	4	K.DEEGLEIIR.H	13
PHEAT-2888	proteomics_heat	1800379	1800477	-	5	16	R.VNGELVDACDLIENDAQLSIITAKDEEGLEIIR.H	37
PHEAT-2889	proteomics_heat	1800406	1800477	-	5	4	R.VNGELVDACDLIENDAQLSIITAK.D	28
PHEAT-2890	proteomics_heat	1800496	1800558	-	5	13	R.HYDHAVSPMDVALDIGPGLAK.A	25
PHEAT-2891	proteomics_heat	1817656	1817694	-	5	2	G.DFAAAKAMMDQSR.M	17
PHEAT-2892	proteomics_heat	1819945	1820043	-	5	5	K.AETYFVALDDTGHVINSGYQTCAEYDTPQAAK.-	37
PHEAT-2893	proteomics_heat	1820053	1820085	-	5	3	R.GTCQTYILGQR.D	15
PHEAT-2894	proteomics_heat	1820086	1820118	-	5	5	K.PSSEVSMIHAR.G	15
PHEAT-2895	proteomics_heat	1820086	1820130	-	5	2	Q.IAGKPSSEVSMIHAR.G	19
PHEAT-2896	proteomics_heat	1820086	1820145	-	5	20	R.AQVAQIAGKPSSEVSMIHAR.G	24
PHEAT-2897	proteomics_heat	1820170	1820196	-	5	9	K.DQFVQPVK.D	13
PHEAT-2898	proteomics_heat	1820170	1820202	-	5	10	R.TKDQFVQPVK.D	15
PHEAT-2899	proteomics_heat	1823464	1823490	-	5	2	K.DLNLTDAQK.Q	13
PHEAT-2900	proteomics_heat	1827907	1828014	-	5	3	R.LSVTSTACAPSVKVGWVKWQKGLRRAISQPAWSPM.K	40
PHEAT-2901	proteomics_heat	1829314	1829361	-	5	2	R.HNALLIFDEVQTVGR.T	20
PHEAT-2902	proteomics_heat	1843164	1843223	-	4	3	R.YQDFMQPLVGTLYQLIDQAK.R	24
PHEAT-2903	proteomics_heat	1843578	1843619	-	4	2	R.DEENDGTPLPVVAK.G	18
PHEAT-2904	proteomics_heat	1843878	1843952	-	4	2	R.HAVMNAISVHAPDLLPQPVVDPDIR.N	29
PHEAT-2905	proteomics_heat	1845079	1845153	-	5	17	R.DLLCDPQTSGLLLAVMPEAENEVK.A	29
PHEAT-2906	proteomics_heat	1845163	1845204	-	5	5	R.NFASYGHLMGEMPR.E	18
PHEAT-2907	proteomics_heat	1845262	1845285	-	5	2	R.VDYEAIPK.L	12
PHEAT-2908	proteomics_heat	1845286	1845363	-	5	6	K.AMTDVTGFGLLGHLSMCQGAGVQAR.V	30
PHEAT-2909	proteomics_heat	1845364	1845408	-	5	3	R.MNIAGASFANIEGVK.A	19
PHEAT-2910	proteomics_heat	1845409	1845459	-	5	7	K.SLLKPEHQGLATEVMCR.M	21
PHEAT-2911	proteomics_heat	1845460	1845513	-	5	5	K.LFLT KPLGIGVLTAEKK.S	22
PHEAT-2912	proteomics_heat	1845463	1845513	-	5	3	K.LFLT KPLGIGVLTAEK.K	21
PHEAT-2913	proteomics_heat	1845550	1845642	-	5	4	R.QAGIALAGGHSIDAPEPIFGLAVTGIVPTER.V	35
PHEAT-2914	proteomics_heat	1845697	1845786	-	5	7	R.IAATNAISDIFAMGGKPIMAIAILGWPINK.L	34
PHEAT-2915	proteomics_heat	1845886	1845924	-	5	3	K.FVDPNLLVGNETR.D	17
PHEAT-2916	proteomics_heat	1845925	1845960	-	5	3	K.VLETILHSEQAK.F	16
PHEAT-2917	proteomics_heat	1845973	1846011	-	5	10	R.LTQYSHGAGCGCK.I	17
PHEAT-2918	proteomics_heat	1846203	1846253	-	4	7	R.EQDKIVGFLYLGTPLK.A	21
PHEAT-2919	proteomics_heat	1846272	1846304	-	4	2	R.SGALTESPVVR.E	15
PHEAT-2920	proteomics_heat	1846467	1846529	-	4	2	R.FSAVLEQGAIAAGSDDKAIDK.A	25
PHEAT-2921	proteomics_heat	1846479	1846529	-	4	2	R.FSAVLEQGAIAAGSDDK.A	21
PHEAT-2922	proteomics_heat	1846536	1846580	-	4	11	K.SMQPWHFFVIEGEGR.E	19
PHEAT-2923	proteomics_heat	1846608	1846655	-	4	5	R.LAEPAPTGEQLQNILR.A	20
PHEAT-2924	proteomics_heat	1852468	1852533	-	5	2	R.SGLTLLTNSAEIHLVLAQSEIK.V	26
PHEAT-2925	proteomics_heat	1859789	1859845	-	6	4	R.HNIEAQHMTIDTNGQMVMK.S	23
PHEAT-2926	proteomics_heat	1859948	1859998	-	6	3	I.MNLDDIINSMMPEVYQR.L	21



PHEAT-2927	proteomics_heat	1860079	1860105	-	5	3	R.YCVNSASLR.F	13
PHEAT-2928	proteomics_heat	1860106	1860171	-	5	6	R.CGNCDAHLGHVFPDGPQPTGER.Y	26
PHEAT-2929	proteomics_heat	1860184	1860207	-	5	5	K.DLSHGMR.I	12
PHEAT-2930	proteomics_heat	1860217	1860276	-	5	5	K.YDSGCGWPSFYEPVSEESIR.Y	24
PHEAT-2931	proteomics_heat	1860277	1860333	-	5	6	R.DGVYHCLICDAPLFHSQTK.Y	23
PHEAT-2932	proteomics_heat	1860352	1860417	-	5	4	K.NLSEMQFYVTQNHGTEPPFTGR.L	26
PHEAT-2933	proteomics_heat	1860418	1860450	-	5	3	M.ANKPSAEELKK.N	15
PHEAT-2934	proteomics_heat	1863756	1863794	-	4	4	K.SWTGLISTGITYK.F	17
PHEAT-2935	proteomics_heat	1863795	1863833	-	4	10	R.LSDEVTDSMPMVDK.S	17
PHEAT-2936	proteomics_heat	1863843	1863896	-	4	13	E.LSASYNFLGDWSVYGTAR.Y	22
PHEAT-2937	proteomics_heat	1864053	1864121	-	4	3	R.TTLAGDTLDNSNGIVWDMAWLYR.Y	27
PHEAT-2938	proteomics_heat	1864122	1864178	-	4	3	K.STMMAGLSYAHFTQYGYLR.T	23
PHEAT-2939	proteomics_heat	1864227	1864259	-	4	2	S.ITAYWSPLYFK.A	15
PHEAT-2940	proteomics_heat	1864260	1864310	-	4	2	R.GLGGGYLWNDATDKLS.I	21
PHEAT-2941	proteomics_heat	1864266	1864310	-	4	2	R.GLGGGYLWNDATDK.L	19
PHEAT-2942	proteomics_heat	1864311	1864376	-	4	5	K.DYDTDVYPVPVINYEGDNFWFR.G	26
PHEAT-2943	proteomics_heat	1864377	1864421	-	4	5	K.FSLGAGVGVVEHPYK.D	19
PHEAT-2944	proteomics_heat	1886541	1886600	-	4	3	K.LVDDDDNEVPPGQPGELCVK.G	24
PHEAT-2945	proteomics_heat	1887360	1887437	-	4	2	R.ELEHQLNDSGASAIIVSNFAHTLEK.V	30
PHEAT-2946	proteomics_heat	1888053	1888118	-	4	3	R.WHLTQQVIMPPQPIDPWFYGGGR.G	26
PHEAT-2947	proteomics_heat	1888275	1888343	-	4	3	K.TRLEIATVPLDSGARPTLGEPSR.G	27
PHEAT-2948	proteomics_heat	1888348	1888428	-	5	37	S.GDECAAARVWSGGTLWWQSGCGTKPAR.E	31
PHEAT-2949	proteomics_heat	1888635	1888673	-	4	2	K.TVAVEHAEPVYLR.N	17
PHEAT-2950	proteomics_heat	1888836	1888904	-	4	3	R.DENGIWHGEETEAVLKPEIVHER.M	27
PHEAT-2951	proteomics_heat	1889103	1889180	-	4	8	R.ILPMVQDILTTSGLTLDINALAYGR.G	30
PHEAT-2952	proteomics_heat	1892711	1892755	-	6	4	T.MFAGLPSLTHEQQQK.A	19
PHEAT-2953	proteomics_heat	1898596	1898640	-	5	2	R.EQLLSSPHSLFPVCR.G	19
PHEAT-2954	proteomics_heat	1899487	1899549	-	5	2	E.IVLGIDNLVFIAILADKLPPK.Q	25
PHEAT-2955	proteomics_heat	1904539	1904586	-	5	5	R.VVKPGGWVITATPGPR.H	20
PHEAT-2956	proteomics_heat	1904911	1904946	-	5	3	R.DPGDSAEMMQAR.R	16
PHEAT-2957	proteomics_heat	1904911	1904952	-	5	4	R.SRDPGDSAEMMQAR.R	18
PHEAT-2958	proteomics_heat	1905283	1905333	-	5	144	K.TLAEGQNVEFEIQDGQK.G	21
PHEAT-2959	proteomics_heat	1905334	1905378	-	5	54	K.DVVFHFSAIQNGFK.T	19
PHEAT-2960	proteomics_heat	1905379	1905414	-	5	6	K.GFGFITPADGSK.D	16
PHEAT-2961	proteomics_heat	1907335	1907373	-	5	2	R.KISAQMGYHDYPF.-	17
PHEAT-2962	proteomics_heat	1907374	1907412	-	5	6	R.LQEYVAMLHTAAR.K	17
PHEAT-2963	proteomics_heat	1907503	1907550	-	5	7	R.EQGYGEDNEEQEGLR.C	20
PHEAT-2964	proteomics_heat	1907551	1907598	-	5	3	R.TITSTEALLPVLDQVR.E	20
PHEAT-2965	proteomics_heat	1907851	1907877	-	5	4	R.ALQNVDLIR.S	13
PHEAT-2966	proteomics_heat	1908070	1908120	-	5	3	M.ANADLDKQPDSVSSVLK.V	21
PHEAT-2967	proteomics_heat	1909758	1909799	-	4	3	K.SLSELFMTHPPLDK.R	18
PHEAT-2968	proteomics_heat	1909908	1909937	-	4	2	R.EFHADAGSAK.L	14
PHEAT-2969	proteomics_heat	1910795	1910827	-	6	7	K.ARPAEQPAPVK.-	15
PHEAT-2970	proteomics_heat	1910837	1910899	-	6	47	K.DYQEPDPYLDETVNIALDLAK.L	25
PHEAT-2971	proteomics_heat	1910837	1910920	-	6	2	K.KLDDLKDYQEPDPYLDETVNIALDLAK.L	32
PHEAT-2972	proteomics_heat	1911311	1911376	-	6	4	R.IYDQMLRPEWPALGVSQYTIQK.F	26

PHEAT-2973	proteomics_heat	1911443	1911496	-	6	5	R.FSASASEIFAAAMQDYGR.A	22
PHEAT-2974	proteomics_heat	1911524	1911559	-	6	2	R.EDSDTDGQVFYK.G	16
PHEAT-2975	proteomics_heat	1911524	1911565	-	6	4	K.VRESDTDGQVFYK.G	18
PHEAT-2976	proteomics_heat	1911581	1911661	-	6	4	R.SNGGGALTEAVSLSGLFIPAGPIVQVR.D	31
PHEAT-2977	proteomics_heat	1911719	1911772	-	6	7	K.VGVLDIPGFYVGLTDDVK.V	22
PHEAT-2978	proteomics_heat	1911944	1911997	-	6	4	K.IVGVGQTGKPMVDVIGWR.L	22
PHEAT-2979	proteomics_heat	1912145	1912180	-	6	2	R.EIDPHTNYLSPR.N	16
PHEAT-2980	proteomics_heat	1912181	1912237	-	6	2	R.LAQTNSDVFSLAMTAFAR.E	23
PHEAT-2981	proteomics_heat	1912307	1912333	-	6	2	K.VKFDELSLK.L	13
PHEAT-2982	proteomics_heat	1912391	1912462	-	6	6	R.YQYALSVELEKPMDFGTGNDTYNLDR.S	28
PHEAT-2983	proteomics_heat	1912478	1912516	-	6	2	K.LDFVFDLYNLAQK.R	17
PHEAT-2984	proteomics_heat	1912478	1912525	-	6	5	R.SGKLDVFYDLYNLAQK.R	20
PHEAT-2985	proteomics_heat	1912556	1912621	-	6	12	R.YLNLLDYSHNVLLASDVEQFAK.K	26
PHEAT-2986	proteomics_heat	1912700	1912756	-	6	3	R.ADQIPVLKEETQHATVSR.V	23
PHEAT-2987	proteomics_heat	1912929	1912973	-	4	5	K.AGQNAMDATVLEITK.D	19
PHEAT-2988	proteomics_heat	1912929	1912979	-	4	2	K.VKAGQNAMDATVLEITK.D	21
PHEAT-2989	proteomics_heat	1912980	1913039	-	4	6	R.EEQHTPVSDISALTVGQALK.V	24
PHEAT-2990	proteomics_heat	1912980	1913048	-	4	4	K.APREEQHTPVSDISALTVGQALK.V	27
PHEAT-2991	proteomics_heat	1913148	1913192	-	4	3	R.EAAATAGEKEDAPRR.E	19
PHEAT-2992	proteomics_heat	1913259	1913318	-	4	5	R.VDLGDNPCGELDEQHVEHAR.K	24
PHEAT-2993	proteomics_heat	1913319	1913351	-	4	8	R.YLYGVKPGATR.V	15
PHEAT-2994	proteomics_heat	1913397	1913423	-	4	2	R.VAGEMNLSK.T	13
PHEAT-2995	proteomics_heat	1913424	1913453	-	4	2	K.IGIFQDLVDR.V	14
PHEAT-2996	proteomics_heat	1913454	1913498	-	4	2	R.FPHCFSAEGEARPLK.I	19
PHEAT-2997	proteomics_heat	1913463	1913498	-	4	5	R.FPHCFSAEGEAR.P	16
PHEAT-2998	proteomics_heat	1913499	1913525	-	4	4	K.EVIAFLAER.F	13
PHEAT-2999	proteomics_heat	1913679	1913705	-	4	2	K.VLATTDYKK.F	13
PHEAT-3000	proteomics_heat	1913706	1913729	-	4	2	R.QLVAQLEK.V	12
PHEAT-3001	proteomics_heat	1913730	1913759	-	4	2	R.FTDEDEQGLR.Q	14
PHEAT-3002	proteomics_heat	1913760	1913807	-	4	14	K.NQIIGVLDIDSTVFR.F	20
PHEAT-3003	proteomics_heat	1913808	1913891	-	4	9	R.IEDVHVFDGHIACDAASNSEIVLPLVVK.N	32
PHEAT-3004	proteomics_heat	1913907	1913933	-	4	2	R.GVCGTAVAR.N	13
PHEAT-3005	proteomics_heat	1914039	1914116	-	4	103	R.DFNALMAGETSFLATLANTSALLYER.L	30
PHEAT-3006	proteomics_heat	1914117	1914152	-	4	8	I.MNKTEFYADLNR.D	16
PHEAT-3007	proteomics_heat	1921434	1921493	-	4	8	K.TNAQPISVIQIDDPNNPGEK.M	24
PHEAT-3008	proteomics_heat	1921512	1921583	-	4	2	R.PGNALYVINPSTLVQYPLNDIAQK.E	28
PHEAT-3009	proteomics_heat	1921512	1921589	-	4	3	T.CRPGNALYVINPSTLVQYPLNDIAQK.E	30
PHEAT-3010	proteomics_heat	1921512	1921607	-	4	2	R.EEVMLTCRPGNALYVINPSTLVQYPLNDIAQK.E	36
PHEAT-3011	proteomics_heat	1921644	1921670	-	4	3	A.APQVITVSR.F	13
PHEAT-3012	proteomics_heat	1922622	1922645	-	4	2	K.GHYTFSVK.-	12
PHEAT-3013	proteomics_heat	1922652	1922735	-	4	8	K.QLIVPLADSLKPGTYTVDWHVVSVDGHK.T	32
PHEAT-3014	proteomics_heat	1927645	1927728	-	5	3	M.ANWLNQLQSLLGQSSSSTSSADQGLVK.L	32
PHEAT-3015	proteomics_heat	1928088	1928126	-	4	5	K.SADIHQVSVDC.A	17
PHEAT-3016	proteomics_heat	1928166	1928222	-	4	4	K.IVGQADPVAVWSLQDIQGK.D	23
PHEAT-3017	proteomics_heat	1928268	1928312	-	4	2	K.CEDLDAAGIAASVKR.D	19
PHEAT-3018	proteomics_heat	1928484	1928543	-	4	5	K.LPSPQVVGAESEEDASHAA.-	24

PHEAT-3019	proteomics_heat	1928484	1928552	-	4	3	K.TGKLPSPQVVGAESEEDASHAA.-	27
PHEAT-3020	proteomics_heat	1928610	1928681	-	4	4	K.MLDTADLLDTWLTNSPVQMEDEQR.E	28
PHEAT-3021	proteomics_heat	1930184	1930252	-	6	12	K.SVLCIGGSWLVPADALEAGDYDR.I	27
PHEAT-3022	proteomics_heat	1930271	1930309	-	6	5	R.FCPTGGISPANYR.D	17
PHEAT-3023	proteomics_heat	1930310	1930348	-	6	4	K.ALQAIAGPFSQVR.F	17
PHEAT-3024	proteomics_heat	1930391	1930444	-	6	3	I.PGISTVSELMLGMDYGLK.E	22
PHEAT-3025	proteomics_heat	1930391	1930474	-	6	90	K.AATEGTIPLIPGISTVSELMLGMDYGLK.E	32
PHEAT-3026	proteomics_heat	1930475	1930552	-	6	36	N.PQQLAEVTEAGAQFAISPGLTEPLLK.A	30
PHEAT-3027	proteomics_heat	1930475	1930594	-	6	98	K.EVPEAIVGAGTVLNPQQLAEVTEAGAQFAISPGLTEPLLK.A	44
PHEAT-3028	proteomics_heat	1930679	1930708	-	6	2	K.KLEHAVPMAK.A	14
PHEAT-3029	proteomics_heat	1930709	1930765	-	6	11	K.TSAESILTTGPVVPVIVVK.K	23
PHEAT-3030	proteomics_heat	1931366	1931428	-	6	2	K.SLDSNVIASFEPFSSHGGTK.V	25
PHEAT-3031	proteomics_heat	1931444	1931488	-	6	2	R.YTLEPWLNNGELDWR.E	19
PHEAT-3032	proteomics_heat	1931489	1931542	-	6	3	K.AGLLEDVNTVAGFGLSR.Y	22
PHEAT-3033	proteomics_heat	1931624	1931692	-	6	2	R.AAGIQINWDDFSDLSDVVPLMAR.L	27
PHEAT-3034	proteomics_heat	1932893	1932997	-	6	2	K.WVDSITEAWAMDNDAPKPYQAGTWGPVASVAMITR.D	39
PHEAT-3035	proteomics_heat	1932998	1933024	-	6	4	R.RDEVEEAWK.W	13
PHEAT-3036	proteomics_heat	1933025	1933048	-	6	2	R.GIQALFVR.R	12
PHEAT-3037	proteomics_heat	1933070	1933129	-	6	7	K.LDLSYSETFNQTHLADAYER.L	24
PHEAT-3038	proteomics_heat	1933130	1933150	-	6	2	K.HNLQITK.L	11
PHEAT-3039	proteomics_heat	1933172	1933213	-	6	3	R.LQPDEGVDIQVLNK.V	18
PHEAT-3040	proteomics_heat	1933256	1933279	-	6	2	K.TPELNLFK.E	12
PHEAT-3041	proteomics_heat	1933379	1933411	-	6	2	K.SSNTETVFAIR.V	15
PHEAT-3042	proteomics_heat	1933412	1933450	-	6	7	K.KVPGYLEEEGANK.S	17
PHEAT-3043	proteomics_heat	1933451	1933483	-	6	3	R.GQYTAGFAQGK.K	15
PHEAT-3044	proteomics_heat	1933547	1933639	-	6	5	R.DMIQNHLQLILCMIAMSPPSDLSADSIRDEK.V	35
PHEAT-3045	proteomics_heat	1933673	1933726	-	6	2	R.TIDHVEITVAEEVGIEGR.W	22
PHEAT-3046	proteomics_heat	1933727	1933765	-	6	4	R.FANSLFVNNWDNR.T	17
PHEAT-3047	proteomics_heat	1933766	1933795	-	6	2	K.ETVLNLLALR.F	14
PHEAT-3048	proteomics_heat	1933796	1933816	-	6	3	R.IDHYLGK.E	11
PHEAT-3049	proteomics_heat	1933817	1933912	-	6	3	R.VVMEKPLGTSLATSQEINDQVGEYFEQCQVYR.I	36
PHEAT-3050	proteomics_heat	1933952	1934005	-	6	7	R.ITINYFAMPPSTFGAICK.G	22
PHEAT-3051	proteomics_heat	1934012	1934035	-	6	4	R.LGAMLDQK.N	12
PHEAT-3052	proteomics_heat	1934036	1934083	-	6	8	R.LDFCNLDVNDTAAFSR.L	20
PHEAT-3053	proteomics_heat	1934084	1934125	-	6	4	K.ETIDEGLWDTLSAR.L	18
PHEAT-3054	proteomics_heat	1934126	1934149	-	6	4	R.EALETFMK.E	12
PHEAT-3055	proteomics_heat	1934234	1934266	-	6	3	R.KLLPSLYQLEK.A	15
PHEAT-3056	proteomics_heat	1934285	1934335	-	6	9	M.AVTQTAQACDLVIFGAK.G	21
PHEAT-3057	proteomics_heat	1937381	1937446	-	6	4	R.LTIQVRPPMDDLLEADDHTIAR.R	26
PHEAT-3058	proteomics_heat	1937687	1937749	-	6	5	K.MAAMFHNQGNPVFDYVWNTVR.R	25
PHEAT-3059	proteomics_heat	1938170	1938205	-	6	2	K.KNNSEYIPEFDK.S	16
PHEAT-3060	proteomics_heat	1939390	1939479	-	5	2	R.SLLPEASEPIDQAAQEDEAIPQDELDDKIA.G	34
PHEAT-3061	proteomics_heat	1939678	1939740	-	5	17	K.TSYSEFLSQLANQYASCLKG.D.-	25
PHEAT-3062	proteomics_heat	1939684	1939740	-	5	3	K.TSYSEFLSQLANQYASCLK.G	23
PHEAT-3063	proteomics_heat	1939750	1939785	-	5	10	R.MGTLDPLGTNIK.L	16
PHEAT-3064	proteomics_heat	1939801	1939827	-	5	4	R.PAVVESVAR.G	13

PHEAT-3065	proteomics_heat	1939801	1939860	-	5	2	K.ATCVFAEPQFRPAVVESVAR.G	24
PHEAT-3066	proteomics_heat	1939813	1939860	-	5	3	K.ATCVFAEPQFRPAVVE.S	20
PHEAT-3067	proteomics_heat	1939828	1939860	-	5	5	K.ATCVFAEPQFR.P	15
PHEAT-3068	proteomics_heat	1939861	1939881	-	5	5	R.TQLVEQK.A	11
PHEAT-3069	proteomics_heat	1939897	1939941	-	5	2	L.GHFTVNPEIQPGAQR.L	19
PHEAT-3070	proteomics_heat	1939897	1939962	-	5	21	K.QFGLTPLGHFTVNPEIQPGAQR.L	26
PHEAT-3071	proteomics_heat	1939897	1939965	-	5	2	E.KQFGLTPLGHFTVNPEIQPGAQR.L	27
PHEAT-3072	proteomics_heat	1939963	1939986	-	5	2	H.DAYGYFEK.Q	12
PHEAT-3073	proteomics_heat	1939963	1939998	-	5	2	Y.FVFHDAYGYFEK.Q	16
PHEAT-3074	proteomics_heat	1939963	1940004	-	5	51	K.GYFVFHDAYGYFEK.Q	18
PHEAT-3075	proteomics_heat	1939975	1940004	-	5	2	K.GYFVFHDAYG.Y	14
PHEAT-3076	proteomics_heat	1940005	1940073	-	5	5	K.DFEAQLASTETQVGNELAPLK.G	27
PHEAT-3077	proteomics_heat	1940005	1940091	-	5	3	K.LDANLKDFEAQLASTETQVGNELAPLK.G	33
PHEAT-3078	proteomics_heat	1940005	1940097	-	5	25	R.AKLDANLKDFEAQLASTETQVGNELAPLK.G	35
PHEAT-3079	proteomics_heat	1940011	1940073	-	5	8	K.DFEAQLASTETQVGNELAPLK.G	25
PHEAT-3080	proteomics_heat	1940011	1940091	-	5	14	K.LDANLKDFEAQLASTETQVGNELAPLK.G	31
PHEAT-3081	proteomics_heat	1940011	1940097	-	5	47	R.AKLDANLKDFEAQLASTETQVGNELAPLK.G	33
PHEAT-3082	proteomics_heat	1940098	1940124	-	5	3	K.LVELMPQSR.A	13
PHEAT-3083	proteomics_heat	1940125	1940151	-	5	15	R.ATAVAIHGK.L	13
PHEAT-3084	proteomics_heat	1940152	1940217	-	5	16	K.SDEDHHHGDFNMHLWLSPEIAR.A	26
PHEAT-3085	proteomics_heat	1940218	1940259	-	5	5	K.SIHGDDDDHDHAEK.S	18
PHEAT-3086	proteomics_heat	1940260	1940307	-	5	14	K.QVTIAQLEDVKKPLLMK.S	20
PHEAT-3087	proteomics_heat	1940323	1940373	-	5	4	V.VWVGPEMEAFMQKPVSK.L	21
PHEAT-3088	proteomics_heat	1940323	1940394	-	5	33	R.LQNADLVVWVGPEMEAFMQKPVSK.L	28
PHEAT-3089	proteomics_heat	1940323	1940397	-	5	10	K.RLQNADLVVWVGPEMEAFMQKPVSK.L	29
PHEAT-3090	proteomics_heat	1940395	1940529	-	5	4	A.AVVASLKPVGFIASAIADGVTETEVLLPDGASEHDYSLRPSDVKR.L	49
PHEAT-3091	proteomics_heat	1940398	1940448	-	5	2	L.PDGASEHDYSLRPSDVK.R	21
PHEAT-3092	proteomics_heat	1940398	1940496	-	5	2	F.IASAIADGVTETEVLLPDGASEHDYSLRPSDVK.R	37
PHEAT-3093	proteomics_heat	1940398	1940529	-	5	18	A.AVVASLKPVGFIASAIADGVTETEVLLPDGASEHDYSLRPSDVK.R	48
PHEAT-3094	proteomics_heat	1942499	1942555	-	6	2	K.FFGGPVGLDNLAAGIIEER.E	23
PHEAT-3095	proteomics_heat	1942796	1942840	-	6	2	R.LEFYQVPDLQYIVSR.S	19
PHEAT-3096	proteomics_heat	1943030	1943101	-	6	2	K.AGDLAAMLTNLEPHDVLFIIEHR.L	28
PHEAT-3097	proteomics_heat	1943177	1943233	-	6	5	K.LRGDALDHLIFGPPGLGK.T	23
PHEAT-3098	proteomics_heat	1943413	1943451	-	5	4	K.IARPDASSETLIR.E	17
PHEAT-3099	proteomics_heat	1945438	1945521	-	5	6	R.LIDMLEDCDDVQEVYHNGEISDEVAATL.-	32
PHEAT-3100	proteomics_heat	1945531	1945560	-	5	6	K.ADMAETAPK.L	14
PHEAT-3101	proteomics_heat	1945561	1945599	-	5	3	K.ADSAEVSMIPSTK.A	17
PHEAT-3102	proteomics_heat	1945561	1945626	-	5	2	R.DALEAAGLKADSAEVSMIPSTK.A	26
PHEAT-3103	proteomics_heat	1945561	1945632	-	5	3	K.VRDALEAAGLKADSAEVSMIPSTK.A	28
PHEAT-3104	proteomics_heat	1945600	1945626	-	5	5	R.DALEAAGLK.A	13
PHEAT-3105	proteomics_heat	1945600	1945632	-	5	2	K.VRDALEAAGLK.A	15
PHEAT-3106	proteomics_heat	1945768	1945818	-	5	3	K.CGGNLGTDGVSAYLFSK.K	21
PHEAT-3107	proteomics_heat	1946032	1946064	-	5	4	K.LGGGDPDANPR.L	15
PHEAT-3108	proteomics_heat	1946792	1946878	-	6	48	K.TTAAACLMTAPSANPTALAELSIQVVK.K	33
PHEAT-3109	proteomics_heat	1946879	1946935	-	6	5	R.LTMLLTGTDNIRDVIAFPK.T	23
PHEAT-3110	proteomics_heat	1946936	1946980	-	6	8	K.YGTPPHAGLAFGLDR.L	19

PHEAT-3111	proteomics_heat	1947014	1947079	-	6	23	R.IHNGDMQQTVFGILGINEEEQR.E	26
PHEAT-3112	proteomics_heat	1947080	1947157	-	6	12	K.AAPENAVANAYDMVINGYEVGGGSVR.I	30
PHEAT-3113	proteomics_heat	1947158	1947181	-	6	3	K.DMTAAELK.A	12
PHEAT-3114	proteomics_heat	1947275	1947301	-	6	7	K.DLGLTDESK.W	13
PHEAT-3115	proteomics_heat	1947275	1947310	-	6	3	K.VGKDLGLTDESK.W	16
PHEAT-3116	proteomics_heat	1947317	1947346	-	6	3	K.IVADAMGALR.L	14
PHEAT-3117	proteomics_heat	1947347	1947397	-	6	6	R.TAAQDGDMIFFGADNKK.I	21
PHEAT-3118	proteomics_heat	1947398	1947436	-	6	11	K.FLNAEIIEDILDR.T	17
PHEAT-3119	proteomics_heat	1947437	1947469	-	6	5	K.GLEGINSPVAK.F	15
PHEAT-3120	proteomics_heat	1947437	1947475	-	6	3	R.AKGLEGINSPVAK.F	17
PHEAT-3121	proteomics_heat	1947521	1947553	-	6	6	R.KQIDEYGNFVK.I	15
PHEAT-3122	proteomics_heat	1947554	1947580	-	6	6	R.VPGGASLTR.K	13
PHEAT-3123	proteomics_heat	1947602	1947646	-	6	2	K.SVEFAVFAGPANDPK.G	19
PHEAT-3124	proteomics_heat	1947647	1947685	-	6	4	R.NPMELTDVADLLK.S	17
PHEAT-3125	proteomics_heat	1947686	1947712	-	6	5	R.YGSDKPDLR.N	13
PHEAT-3126	proteomics_heat	1947716	1947766	-	6	7	K.GVDLGDFPVMTFEAER.R	21
PHEAT-3127	proteomics_heat	1947767	1947787	-	6	2	R.HLWLEVK.G	11
PHEAT-3128	proteomics_heat	1947788	1947811	-	6	3	R.EVMEALVR.H	12
PHEAT-3129	proteomics_heat	1947812	1947871	-	6	2	R.QPEFTQIDVETSFMTAPQVR.E	24
PHEAT-3130	proteomics_heat	1947812	1947880	-	6	2	R.ADRQPEFTQIDVETSFMTAPQVR.E	27
PHEAT-3131	proteomics_heat	1947923	1947952	-	6	2	K.QLLMMSGFDR.Y	14
PHEAT-3132	proteomics_heat	1947953	1947988	-	6	5	K.FYALPQSPQLFK.Q	16
PHEAT-3133	proteomics_heat	1947953	1947994	-	6	5	K.GKFYALPQSPQLFK.Q	18
PHEAT-3134	proteomics_heat	1948046	1948096	-	6	11	R.FMDDHGFLDIETPMLTK.A	21
PHEAT-3135	proteomics_heat	1948184	1948234	-	6	5	R.ADVLPDLSNHVNTEEAR.L	21
PHEAT-3136	proteomics_heat	1948235	1948291	-	6	3	R.DMATGEIEVLASSLTIINR.A	23
PHEAT-3137	proteomics_heat	1948373	1948429	-	6	4	R.DREGIVQVFFDPDRADALK.L	23
PHEAT-3138	proteomics_heat	1948469	1948516	-	6	7	R.LSHVGQVTLCGWVNR.R	20
PHEAT-3139	proteomics_heat	1948517	1948546	-	6	2	L.MRTEYCGQLR.L	14
PHEAT-3140	proteomics_heat	1953445	1953498	-	5	2	R.NDLTMTGDYSNQHIVPMK.Q	22
PHEAT-3141	proteomics_heat	1956667	1956750	-	5	2	R.AENLHHFLDAGVLEVHSSAGAWQASPMR.Y	32
PHEAT-3142	proteomics_heat	1956859	1956924	-	5	4	R.AFDMCANPLYTLNLAELGIAR.V	26
PHEAT-3143	proteomics_heat	1957784	1957813	-	6	3	R.FIHALDELSR.R	14
PHEAT-3144	proteomics_heat	1957814	1957867	-	6	4	M.ANWQSIDELQDIASDLPR.F	22
PHEAT-3145	proteomics_heat	1961824	1961850	-	5	2	R.DNMDLQPAR.Y	13
PHEAT-3146	proteomics_heat	1964477	1964521	-	6	3	R.ENQSLLLNGPQVDTSK.A	19
PHEAT-3147	proteomics_heat	1964477	1964524	-	6	4	K.RENQSLLLNGPQVDTSK.A	20
PHEAT-3148	proteomics_heat	1964612	1964716	-	6	2	R.QFLADVPAHTSFNAQLLEIMMAQDFQDLTGQVIK.R	39
PHEAT-3149	proteomics_heat	1964807	1964857	-	6	3	R.ALNSVEASQPHQDQMEK.S	21
PHEAT-3150	proteomics_heat	1965105	1965185	-	4	3	K.ENIIAAAQAGASGYVVKPFTAATLEEK.L	31
PHEAT-3151	proteomics_heat	1965105	1965188	-	4	3	K.KENIIAAAQAGASGYVVKPFTAATLEEK.L	32
PHEAT-3152	proteomics_heat	1965327	1965383	-	4	6	K.ELGFNNVEEAEDGVDALNK.L	23
PHEAT-3153	proteomics_heat	1965935	1966009	-	6	4	R.HVLQPLPLSSPALLITQHMPGPFTR.S	29
PHEAT-3154	proteomics_heat	1966262	1966306	-	6	3	R.LRPMPVVMVSSLTGK.G	19
PHEAT-3155	proteomics_heat	1967809	1967838	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-3156	proteomics_heat	1967809	1967838	-	5	4	R.GFAVVAGEVR.N	14

PHEAT-3157	proteomics_heat	1967809	1967838	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-3158	proteomics_heat	1967809	1967838	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-3159	proteomics_heat	1969096	1969173	-	5	5	R.LAASPLTNKPQTSPRPASEQPPAQPR.L	30
PHEAT-3160	proteomics_heat	1969201	1969275	-	5	10	R.VTQQNASLVQESAAAAAALQASR.L	29
PHEAT-3161	proteomics_heat	1969318	1969368	-	5	3	R.VTDIMGEIASASDEQSR.G	21
PHEAT-3162	proteomics_heat	1969318	1969368	-	5	3	R.VTDIMGEIASASDEQSR.G	21
PHEAT-3163	proteomics_heat	1969369	1969440	-	5	5	R.VDTGSVLVESAGETMNNIVNAVTR.V	28
PHEAT-3164	proteomics_heat	1969510	1969539	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-3165	proteomics_heat	1969510	1969539	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-3166	proteomics_heat	1969510	1969539	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-3167	proteomics_heat	1969510	1969539	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-3168	proteomics_heat	1969558	1969641	-	5	27	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PHEAT-3169	proteomics_heat	1969558	1969641	-	5	27	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PHEAT-3170	proteomics_heat	1969645	1969674	-	5	2	K.TMHEIADSSK.K	14
PHEAT-3171	proteomics_heat	1969696	1969749	-	5	4	R.QASQLAQSDTAQHGGK.V	22
PHEAT-3172	proteomics_heat	1969840	1969875	-	5	2	R.EIAAGNTDLSSR.T	16
PHEAT-3173	proteomics_heat	1969909	1969938	-	5	3	R.SLTDTVTHVR.E	14
PHEAT-3174	proteomics_heat	1969939	1969983	-	5	4	R.SEMGDLAQSVSHMQR.S	19
PHEAT-3175	proteomics_heat	1969984	1970031	-	5	2	R.EIAGGNLANTLTIDGR.S	20
PHEAT-3176	proteomics_heat	1970401	1970430	-	5	3	K.TLAQAATHYK.K	14
PHEAT-3177	proteomics_heat	1970458	1970496	-	5	2	R.MMMDSSNQSSNAK.V	17
PHEAT-3178	proteomics_heat	1971525	1971575	-	4	2	R.YALLVDQLIGQHQQVVVK.N	21
PHEAT-3179	proteomics_heat	1971699	1971734	-	4	4	R.EADLHPLAGGER.V	16
PHEAT-3180	proteomics_heat	1971735	1971794	-	4	3	R.VADEVFILPLNAVMEQLQPR.E	24
PHEAT-3181	proteomics_heat	1971867	1971896	-	4	4	K.MGGHVEIQSK.Q	14
PHEAT-3182	proteomics_heat	1972413	1972475	-	4	3	R.SSELDPVNHGDLITSMGQLQR.N	25
PHEAT-3183	proteomics_heat	1972602	1972631	-	4	2	K.LAAEQAPTGR.V	14
PHEAT-3184	proteomics_heat	1972779	1972844	-	4	2	K.AGEVDLLEELGHLTTLTDVVK.G	26
PHEAT-3185	proteomics_heat	1972779	1972850	-	4	3	R.LKAGEVDLLEELGHLTTLTDVVK.G	28
PHEAT-3186	proteomics_heat	1973031	1973063	-	4	2	K.DIMQEQLDAYK.Q	15
PHEAT-3187	proteomics_heat	1973064	1973117	-	4	3	R.RGEMQLNTDIINLFLETK.D	22
PHEAT-3188	proteomics_heat	1973118	1973195	-	4	9	K.GGAGTGFVSVLQETTHLMENLLDEAR.R	30
PHEAT-3189	proteomics_heat	1975973	1976017	-	6	2	R.FDSHTITQLTQDSR.V	19
PHEAT-3190	proteomics_heat	1978326	1978355	-	4	2	R.HAEMLDVIVK.N	14
PHEAT-3191	proteomics_heat	1978392	1978529	-	4	3	K.EYVAQDPANPGVLVLSQFAGAANELTSALIVNPYDRDEVAALDR.A	50
PHEAT-3192	proteomics_heat	1978677	1978703	-	4	3	R.HQLENEAGR.I	13
PHEAT-3193	proteomics_heat	1979538	1979606	-	4	2	R.IAPPDEHAASAGGLAVGILGALK.A	27
PHEAT-3194	proteomics_heat	1985594	1985644	-	6	3	K.NIDFTNHPAAADPVTMR.A	21
PHEAT-3195	proteomics_heat	1985669	1985713	-	6	3	K.QILDVLDVIAPVEVR.E	19
PHEAT-3196	proteomics_heat	1987290	1987316	-	4	2	K.DGFSTDQSK.I	13
PHEAT-3197	proteomics_heat	1989005	1989055	-	6	2	K.AEEKPGRNDPCPCGSGK.K	21
PHEAT-3198	proteomics_heat	1989128	1989169	-	6	2	K.MSPEAFEEVDAIR.L	18
PHEAT-3199	proteomics_heat	1989179	1989274	-	6	2	R.GVALSDWSTLPDSLKPALEAIALHGTEENFER.V	36
PHEAT-3200	proteomics_heat	1989332	1989376	-	6	3	R.LNEFPEQFEPLFGLR.E	19
PHEAT-3201	proteomics_heat	1989377	1989421	-	6	2	R.FMNLAFAQHMADTAER.L	19
PHEAT-3202	proteomics_heat	1989584	1989637	-	6	5	K.TGPLNESELEWLDDILTK.Y	22

PHEAT-3203	proteomics_heat	1991798	1991875	-	6	5	K.VPGGTELSEVVETFVGQFYLQGSQMR.T	30
PHEAT-3204	proteomics_heat	1992092	1992142	-	6	2	R.LFLSGKDDQVLTQLISR.M	21
PHEAT-3205	proteomics_heat	1992473	1992568	-	6	2	R.KTEALVAQIQQIDVTVTHTETEAALLEHNYIK.L	36
PHEAT-3206	proteomics_heat	1992730	1992765	-	5	3	R.HGLCNAETLSSQ.-	16
PHEAT-3207	proteomics_heat	1992766	1992810	-	5	4	K.LNIHGDELTHLAIR.H	19
PHEAT-3208	proteomics_heat	1993261	1993299	-	5	2	K.VVGEASCGEDAVK.W	17
PHEAT-3209	proteomics_heat	1995215	1995253	-	6	2	R.TMVIVTHEMSFAR.D	17
PHEAT-3210	proteomics_heat	1995275	1995367	-	6	7	R.ALAMRPEVILFDEPTSALDPELVGEVLNTR.Q	35
PHEAT-3211	proteomics_heat	1995485	1995538	-	6	2	R.TVLENIIEGPVIVKGEPK.E	22
PHEAT-3212	proteomics_heat	1995626	1995697	-	6	2	R.SINLLEQPEAGTITVGDITIDTAR.S	28
PHEAT-3213	proteomics_heat	1996030	1996074	-	5	2	R.VALPPLSNSFISLVK.D	19
PHEAT-3214	proteomics_heat	1996521	1996595	-	4	10	R.FKDEGPILFIHTGGAPALFAYHPHV.-	29
PHEAT-3215	proteomics_heat	1996635	1996673	-	4	3	R.LEGILLDPVYTGK.A	17
PHEAT-3216	proteomics_heat	1996785	1996814	-	4	3	K.VVNLQQAIAK.E	14
PHEAT-3217	proteomics_heat	1997157	1997234	-	4	11	K.LGLHCVALLENPIGTTAENYLTNGNR.L	30
PHEAT-3218	proteomics_heat	1997259	1997312	-	4	3	R.EGADTLITAGAIQSNHVR.Q	22
PHEAT-3219	proteomics_heat	1997313	1997345	-	4	6	R.KLEFLAADALR.E	15
PHEAT-3220	proteomics_heat	1997352	1997387	-	4	6	R.DDVTPMAMGGNK.L	16
PHEAT-3221	proteomics_heat	1997352	1997390	-	4	4	K.RDDVTPMAMGGNK.L	17
PHEAT-3222	proteomics_heat	1997427	1997471	-	4	4	R.LEFIGAPTPLEYLPR.F	19
PHEAT-3223	proteomics_heat	1997612	1997635	-	6	2	K.WFGADVTK.-	12
PHEAT-3224	proteomics_heat	1997636	1997665	-	6	7	K.DGTLQALSEK.W	14
PHEAT-3225	proteomics_heat	1997666	1997698	-	6	2	K.AVNDAIAEMQK.D	15
PHEAT-3226	proteomics_heat	1997747	1997791	-	6	3	K.KTNDTLAVTGEAFSR.Q	19
PHEAT-3227	proteomics_heat	1997816	1997839	-	6	3	R.IDAILVDR.L	12
PHEAT-3228	proteomics_heat	1997849	1997887	-	6	2	R.TYDDDPTKYQDLR.V	17
PHEAT-3229	proteomics_heat	1997888	1997914	-	6	2	R.QNVQGV DVR.T	13
PHEAT-3230	proteomics_heat	1997915	1997959	-	6	4	K.KVGVGLGTNYEEWLR.Q	19
PHEAT-3231	proteomics_heat	1998008	1998058	-	6	2	K.YDFSTPYTISGIQALVK.K	21
PHEAT-3232	proteomics_heat	1998008	1998061	-	6	4	K.KYDFSTPYTISGIQALVK.K	22
PHEAT-3233	proteomics_heat	1998068	1998112	-	6	8	K.RIDVVINQVTISDER.K	19
PHEAT-3234	proteomics_heat	1998113	1998181	-	6	2	K.HLGVEASLKPTKWDGMLASLDSK.R	27
PHEAT-3235	proteomics_heat	1998146	1998181	-	6	3	K.HLGVEASLKPTK.W	16
PHEAT-3236	proteomics_heat	1998224	1998289	-	6	2	R.GTLLVGLGTYPPFSFGDDGK.L	26
PHEAT-3237	proteomics_heat	1999124	1999153	-	6	2	R.VSQLHSQAIK.R	14
PHEAT-3238	proteomics_heat	1999475	1999519	-	6	4	R.EVAQAIGQLEQELGR.N	19
PHEAT-3239	proteomics_heat	1999640	1999711	-	6	5	R.LPASVELDDLQAGGIGLLNAVER.Y	28
PHEAT-3240	proteomics_heat	2000179	2000220	-	5	5	K.AQIIQQAGNSVLAK.A	18
PHEAT-3241	proteomics_heat	2000221	2000265	-	5	6	R.IQDADYATEVSNMSK.A	19
PHEAT-3242	proteomics_heat	2000266	2000328	-	5	12	R.LDSAVTNLNNNTTTLNLSAQSR.I	25
PHEAT-3243	proteomics_heat	2000356	2000394	-	5	2	K.ALDDAIASVDKFR.S	17
PHEAT-3244	proteomics_heat	2000413	2000502	-	5	10	K.TYDSADLNGGNLQTGLTAGGEALTAVANGK.T	34
PHEAT-3245	proteomics_heat	2000503	2000550	-	5	3	K.LGGDDGKTEVVDIDGK.T	20
PHEAT-3246	proteomics_heat	2000551	2000604	-	5	12	K.TITYTDSSGAASSPTAVK.L	22
PHEAT-3247	proteomics_heat	2000605	2000667	-	5	22	K.DTNGNLYAADVNETTGAVSVK.T	25
PHEAT-3248	proteomics_heat	2000668	2000697	-	5	2	K.GNDTDTYALK.D	14

PHEAT-3249	proteomics_heat	2000713	2000805	-	5	8	K.ATTITSGGTPVQIDNTAGSATANLGAVSLVK.L	35
PHEAT-3250	proteomics_heat	2000926	2001033	-	5	11	K.LTGITLSTEAAATDTGGTNPASIEGVYTDNGNDYYAK.I	40
PHEAT-3251	proteomics_heat	2001034	2001102	-	5	6	K.NNDTVTTSAPVTAFGATTNNIK.L	27
PHEAT-3252	proteomics_heat	2001211	2001255	-	5	3	R.VSQQTQFNGVNVLAK.N	19
PHEAT-3253	proteomics_heat	2001280	2001351	-	5	9	R.ELTVQATTGTNSESDLSSIQDEIK.S	28
PHEAT-3254	proteomics_heat	2001280	2001357	-	5	3	R.VRELTVQATTGTNSESDLSSIQDEIK.S	30
PHEAT-3255	proteomics_heat	2001358	2001432	-	5	5	R.NANDGISVAQTTEGALSEINNNLQR.V	29
PHEAT-3256	proteomics_heat	2001472	2001504	-	5	10	K.DDAAGQAIANR.F	15
PHEAT-3257	proteomics_heat	2001472	2001519	-	5	10	R.INSAKDDAAGQAIANR.F	20
PHEAT-3258	proteomics_heat	2001538	2001570	-	5	3	K.NQSALSSSIER.L	15
PHEAT-3259	proteomics_heat	2001571	2001627	-	5	6	M.AQVINTNSLSLITQNNINK.N	23
PHEAT-3260	proteomics_heat	2005704	2005769	-	4	4	R.VDRPTAECAAALDKAPLPTLP.-	26
PHEAT-3261	proteomics_heat	2005728	2005769	-	4	2	R.VDRPTAECAAALDK.A	18
PHEAT-3262	proteomics_heat	2005770	2005811	-	4	8	R.DGNTIEYDGMTMER.V	18
PHEAT-3263	proteomics_heat	2005812	2005832	-	4	2	R.ELYEVER.D	11
PHEAT-3264	proteomics_heat	2005833	2005877	-	4	3	K.LTLMSDDLTNVTVKR.E	19
PHEAT-3265	proteomics_heat	2005836	2005877	-	4	2	K.LTLMSDDLTNVTVK.R	18
PHEAT-3266	proteomics_heat	2005935	2005979	-	4	2	R.ALVSPEATGSLIVTK.E	19
PHEAT-3267	proteomics_heat	2005992	2006033	-	4	3	K.TPAPDWLAGYWQTK.G	18
PHEAT-3268	proteomics_heat	2016493	2016573	-	5	2	L.SVATSNWGAALSVMVSPANASLNNARK.S	31
PHEAT-3269	proteomics_heat	2025802	2025912	-	5	2	R.EVVVLEDAYISSQRNHLENVANALDKHLQYNVDKLIF.L	41
PHEAT-3270	proteomics_heat	2029046	2029081	-	6	2	K.FRIPVSDTQAYR.Q	16
PHEAT-3271	proteomics_heat	2029550	2029624	-	6	2	R.IIMQTLDELGYDVADAEDNGPDDPK.I	29
PHEAT-3272	proteomics_heat	2030741	2030815	-	6	2	K.IEAVCHAIAAHSFSAQIAPLTTEAK.I	29
PHEAT-3273	proteomics_heat	2058486	2058569	-	4	2	R.LELIQGTQPQEIATLLQNGEADIGIASER.L	32
PHEAT-3274	proteomics_heat	2060742	2060789	-	4	8	R.LYAIHGTNANFGIGLR.V	20
PHEAT-3275	proteomics_heat	2060742	2060789	-	4	8	R.LYAIHGTNANFGIGLR.V	20
PHEAT-3276	proteomics_heat	2060790	2060867	-	4	2	K.RGESLPAFVPAGPDNPMGLYAIYIGR.L	30
PHEAT-3277	proteomics_heat	2061862	2061909	-	5	4	R.DPEEVVGIGANLPTDK.L	20
PHEAT-3278	proteomics_heat	2062210	2062245	-	5	2	K.EVTAIQAENMTR.G	16
PHEAT-3279	proteomics_heat	2062378	2062419	-	5	2	R.HIDGLLKPVGSLGK.L	18
PHEAT-3280	proteomics_heat	2062429	2062491	-	5	3	E.MQILADLLNTIPAIIDSTAMSR.A	25
PHEAT-3281	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3282	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3283	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3284	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3285	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3286	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3287	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3288	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3289	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3290	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3291	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3292	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3293	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3294	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14



PHEAT-3295	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3296	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3297	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3298	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3299	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3300	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3301	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3302	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3303	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3304	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3305	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3306	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3307	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3308	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3309	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3310	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3311	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3312	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3313	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3314	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3315	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3316	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3317	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3318	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3319	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3320	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3321	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3322	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3323	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3324	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3325	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3326	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3327	proteomics_heat	2077140	2077160	-	4	3	R.VDDYIIK.N	11
PHEAT-3328	proteomics_heat	2077140	2077178	-	4	9	K.GDYEDRVDDYIIK.N	17
PHEAT-3329	proteomics_heat	2077179	2077262	-	4	446	R.VLLLDNLSDYIKPGMSVEAIQGIIASMK.G	32
PHEAT-3330	proteomics_heat	2077179	2077265	-	4	4	K.RVLLLDNLSDYIKPGMSVEAIQGIIASMK.G	33
PHEAT-3331	proteomics_heat	2077179	2077298	-	4	6	Q.DVEKIRDNQKRVLLLDNLSDYIKPGMSVEAIQGIIASMK.G	44
PHEAT-3332	proteomics_heat	2077284	2077307	-	4	8	R.EIQDVEKK.I	12
PHEAT-3333	proteomics_heat	2077287	2077307	-	4	3	R.EIQDVEK.K	11
PHEAT-3334	proteomics_heat	2077338	2077385	-	4	26	K.METTKPSFQDVLEFVR.L	20
PHEAT-3335	proteomics_heat	2079206	2079253	-	6	4	R.TVAGFHLVGPWEQTVK.K	20
PHEAT-3336	proteomics_heat	2082415	2082465	-	5	2	K.KLDVVTQVCPFLIEAK.A	21
PHEAT-3337	proteomics_heat	2086538	2086624	-	6	16	K.TAPDGEHVNVLHLEDVIGAITLLLQAPK.G	33
PHEAT-3338	proteomics_heat	2086652	2086678	-	6	2	R.LAGLVGPR.H	13
PHEAT-3339	proteomics_heat	2086679	2086741	-	6	3	R.VLEELEDWLHNLPGTSVDILR.L	25
PHEAT-3340	proteomics_heat	2086844	2086912	-	6	17	R.SGPGDEFYLAQVELVDSALAH.R	27

PHEAT-3341	proteomics_heat	2086844	2086915	-	6	3	R.RSGPGDEFYLVQAVQELVDSALAH.R.I	28
PHEAT-3342	proteomics_heat	2087084	2087143	-	6	3	K.VAIVGLGWLGMPLAMSLSAR.G	24
PHEAT-3343	proteomics_heat	2095489	2095548	-	5	10	R.QNLLDIESLKVDDLDIHAYR.Y	24
PHEAT-3344	proteomics_heat	2095549	2095599	-	5	4	K.HEATRPLVFSNYYQTR.Q	21
PHEAT-3345	proteomics_heat	2095600	2095701	-	5	2	N.QAQVTKPQIQQTGEDITQDTLFLLGSEALESMIK.H	38
PHEAT-3346	proteomics_heat	2095600	2095731	-	5	9	R.QIQEALQYANQAQVTKPQIQQTGEDITQDTLFLLGSEALESMIK.H	48
PHEAT-3347	proteomics_heat	2095747	2095776	-	5	6	R.TQEVVAQE.QK.D	14
PHEAT-3348	proteomics_heat	2095801	2095884	-	5	2	K.LAQYIQQVDDKVNQELEKDLKDNIALGR.K	32
PHEAT-3349	proteomics_heat	2095831	2095884	-	5	7	K.LAQYIQQVDDKVNQELEK.D	22
PHEAT-3350	proteomics_heat	2095831	2095887	-	5	4	M.KLAQYIQQVDDKVNQELEK.D	23
PHEAT-3351	proteomics_heat	2095852	2095884	-	5	2	K.LAQYIQQVDDK.V	15
PHEAT-3352	proteomics_heat	2095885	2095947	-	5	8	K.NQQLPLTVSYVVGQTAEGAQMK.L	25
PHEAT-3353	proteomics_heat	2095972	2096031	-	5	2	R.FSSAFSALAETLDNQEEREK.L	24
PHEAT-3354	proteomics_heat	2095978	2096031	-	5	8	R.FSSAFSALAETLDNQEER.E	22
PHEAT-3355	proteomics_heat	2097889	2097927	-	5	6	R.IDKEGVFHTEWLD.-	17
PHEAT-3356	proteomics_heat	2097889	2097930	-	5	10	K.RIDKEGVFHTEWLD.-	18
PHEAT-3357	proteomics_heat	2097904	2097927	-	5	2	R.IDKEGVFH.T	12
PHEAT-3358	proteomics_heat	2097931	2097957	-	5	5	R.DYFGAHTYK.R	13
PHEAT-3359	proteomics_heat	2097958	2097996	-	5	7	R.AAVLPANLIQAQR.D	17
PHEAT-3360	proteomics_heat	2097997	2098044	-	5	2	I.PVPTFSAAVAYDSYR.A	20
PHEAT-3361	proteomics_heat	2097997	2098077	-	5	198	R.DVVAYAVQNGIPVPTFSAAVAYDSYR.A	31
PHEAT-3362	proteomics_heat	2098078	2098110	-	5	5	K.QIADDYQQALR.D	15
PHEAT-3363	proteomics_heat	2098111	2098173	-	5	16	K.ITDAYAENPQIANLLLAPYFK.Q	25
PHEAT-3364	proteomics_heat	2098219	2098269	-	5	30	R.AASEEYNWDLNYGEIAK.I	21
PHEAT-3365	proteomics_heat	2098270	2098305	-	5	9	K.IVSYAQGFSQLR.A	16
PHEAT-3366	proteomics_heat	2098333	2098389	-	5	13	K.VLSGPQAQPAGDKAEFIEK.V	23
PHEAT-3367	proteomics_heat	2098351	2098389	-	5	7	K.VLSGPQAQPAGDK.A	17
PHEAT-3368	proteomics_heat	2098405	2098431	-	5	6	R.YISSLKDQR.V	13
PHEAT-3369	proteomics_heat	2098432	2098500	-	5	89	K.WTSQSALDLGEPPLSLITESVFAR.Y	27
PHEAT-3370	proteomics_heat	2098501	2098569	-	5	4	K.KDEDGNYLVDVILDEAANKGTGK.W	27
PHEAT-3371	proteomics_heat	2098513	2098566	-	5	13	K.DEDGNYLVDVILDEAANK.G	22
PHEAT-3372	proteomics_heat	2098513	2098569	-	5	37	K.KDEDGNYLVDVILDEAANK.G	23
PHEAT-3373	proteomics_heat	2098513	2098584	-	5	2	K.DIFTKKDEDGNYLVDVILDEAANK.G	28
PHEAT-3374	proteomics_heat	2098513	2098596	-	5	7	I.DITKDIFTKKDEDGNYLVDVILDEAANK.G	32
PHEAT-3375	proteomics_heat	2098585	2098677	-	5	64	K.GGLNLTNEELAQTFTWNNGELSSYLIDITK.D	35
PHEAT-3376	proteomics_heat	2098678	2098743	-	5	82	K.MVHNGIEYGDMLIAEAYSLK.G	26
PHEAT-3377	proteomics_heat	2098744	2098791	-	5	10	E.PCVTYIGADGAGHYVK.M	20
PHEAT-3378	proteomics_heat	2098744	2098818	-	5	22	K.IAAVAEDGEPVTVYIGADGAGHYVK.M	29
PHEAT-3379	proteomics_heat	2098753	2098818	-	5	2	K.IAAVAEDGEPVTVYIGADGAGH.Y	26
PHEAT-3380	proteomics_heat	2098819	2098854	-	5	11	K.EAYELVAPILTK.I	16
PHEAT-3381	proteomics_heat	2098855	2098953	-	5	15	R.ELSAEGFNFIGTGVSGGEEGALKGPSIMPGGQK.E	37
PHEAT-3382	proteomics_heat	2098855	2098959	-	5	6	R.NRELSAEGFNFIGTGVSGGEEGALKGPSIMPGGQK.E	39
PHEAT-3383	proteomics_heat	2098885	2098953	-	5	7	R.ELSAEGFNFIGTGVSGGEEGALK.G	27
PHEAT-3384	proteomics_heat	2098885	2098959	-	5	4	R.NRELSAEGFNFIGTGVSGGEEGALK.G	29
PHEAT-3385	proteomics_heat	2098960	2099067	-	5	10	K.AGAGTDA/AIDSLPYLDKGDIIIDGGNTFFQDTIRR.N	40
PHEAT-3386	proteomics_heat	2098963	2099013	-	5	3	K.GDIIIDGGNTFFQDTIR.R	21

PHEAT-3387	proteomics_heat	2098963	2099067	-	5	32	K.AGAGTDA/AIDSLKPYLDKGDIIIDGGNTFFQDTIR.R	39
PHEAT-3388	proteomics_heat	2099014	2099067	-	5	2	K.AGAGTDA/AIDSLKPYLDK.G	22
PHEAT-3389	proteomics_heat	2099089	2099118	-	5	4	K.EFVESLETPR.R	14
PHEAT-3390	proteomics_heat	2099143	2099178	-	5	10	K.TEEVIAENPGKK.L	16
PHEAT-3391	proteomics_heat	2099143	2099184	-	5	11	R.EKTEEVIAENPGKK.L	18
PHEAT-3392	proteomics_heat	2099146	2099178	-	5	4	K.TEEVIAENPGK.K	15
PHEAT-3393	proteomics_heat	2099146	2099184	-	5	4	R.EKTEEVIAENPGK.K	17
PHEAT-3394	proteomics_heat	2099191	2099217	-	5	3	R.GYTVSIFNR.S	13
PHEAT-3395	proteomics_heat	2099218	2099244	-	5	6	R.NLALNIESR.G	13
PHEAT-3396	proteomics_heat	2099245	2099283	-	5	6	K.QQIGVVGMVAVMGR.N	17
PHEAT-3397	proteomics_heat	2099245	2099289	-	5	25	M.SKQQIGVVGMVAVMGR.N	19
PHEAT-3398	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3399	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3400	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3401	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3402	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3403	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3404	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3405	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3406	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3407	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3408	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3409	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3410	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3411	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3412	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3413	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3414	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3415	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3416	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3417	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3418	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3419	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3420	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3421	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3422	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3423	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3424	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3425	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3426	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3427	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3428	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3429	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3430	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3431	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3432	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24

PHEAT-3433	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3434	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3435	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3436	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3437	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3438	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3439	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3440	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3441	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3442	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3443	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3444	proteomics_heat	2101324	2101362	-	5	2	K.LLENLNADDEHYK.I	17
PHEAT-3445	proteomics_heat	2101418	2101474	-	6	4	R.NENVLVGFDELVNFITEEH.-	23
PHEAT-3446	proteomics_heat	2102186	2102221	-	6	2	R.YVYCHNPAPFYK.G	16
PHEAT-3447	proteomics_heat	2103098	2103130	-	6	3	R.DVLEEVIDDLK.T	15
PHEAT-3448	proteomics_heat	2103191	2103235	-	6	4	K.EMQEIVDSMTIETYK.Q	19
PHEAT-3449	proteomics_heat	2103449	2103484	-	6	2	K.YLGSFDAQSPEK.I	16
PHEAT-3450	proteomics_heat	2103617	2103655	-	6	4	K.IFDYLVSSDVEHR.D	17
PHEAT-3451	proteomics_heat	2103701	2103748	-	6	4	R.LATCDMVISHNPQMTK.Y	20
PHEAT-3452	proteomics_heat	2103944	2104024	-	6	2	R.KDALDIASDYENISVVNIPLWGGVVQR.I	31
PHEAT-3453	proteomics_heat	2105271	2105318	-	4	4	K.YYDMHQVISAALYQVK.N	20
PHEAT-3454	proteomics_heat	2105403	2105441	-	4	6	K.VGDEPYYPVNDNK.N	17
PHEAT-3455	proteomics_heat	2105481	2105504	-	4	4	K.HFDYVETK.H	12
PHEAT-3456	proteomics_heat	2105520	2105588	-	4	5	R.HEFPNFQGNVINFDTANVPYTR.I	27
PHEAT-3457	proteomics_heat	2105634	2105675	-	4	4	R.IIYTGPIDQYFDYR.F	18
PHEAT-3458	proteomics_heat	2105799	2105831	-	4	2	R.FTFDNNYFSDR.Y	15
PHEAT-3459	proteomics_heat	2105907	2105975	-	4	16	K.VPENLEEQAISLVGEDLYQALIK.G	27
PHEAT-3460	proteomics_heat	2105907	2105987	-	4	31	K.YGDKVPENLEEQAISLVGEDLYQALIK.G	31
PHEAT-3461	proteomics_heat	2105907	2105990	-	4	17	K.KYGDKVPENLEEQAISLVGEDLYQALIK.G	32
PHEAT-3462	proteomics_heat	2105994	2106032	-	4	3	K.DPQEAQNIINAQK.K	17
PHEAT-3463	proteomics_heat	2105994	2106086	-	4	4	K.LFNLPFNMNTFHQMVGKDPQEAQNIINAQK.K	35
PHEAT-3464	proteomics_heat	2106198	2106254	-	4	11	R.NHIGGNAYTEDCEGIQIHK.Y	23
PHEAT-3465	proteomics_heat	2107764	2107817	-	4	7	K.GFAHGFLVLSDIAEFQYK.T	22
PHEAT-3466	proteomics_heat	2108007	2108093	-	4	4	R.GFFYESFNQSAFEHILGYPVSFVQDNHSR.S	33
PHEAT-3467	proteomics_heat	2108231	2108260	-	6	2	K.GFIDVEQVRK.L	14
PHEAT-3468	proteomics_heat	2108234	2108263	-	6	4	R.KGFIDVEQVR.K	14
PHEAT-3469	proteomics_heat	2108261	2108293	-	6	2	K.VSCP EIAFRK.G	15
PHEAT-3470	proteomics_heat	2108306	2108383	-	6	20	R.GYAWLDTGTHQSLIEASNFATIEER.Q	30
PHEAT-3471	proteomics_heat	2108408	2108428	-	6	2	R.IYLEQGR.L	11
PHEAT-3472	proteomics_heat	2108429	2108458	-	6	3	R.GELEITDINR.I	14
PHEAT-3473	proteomics_heat	2108480	2108539	-	6	3	K.SNYAVTGLYFYDNDVVQMAK.N	24
PHEAT-3474	proteomics_heat	2108540	2108584	-	6	6	K.NGTAISLEEKPLEPK.S	19
PHEAT-3475	proteomics_heat	2108540	2108608	-	6	7	R.YGVVEFDKNGTAISLEEKPLEPK.S	27
PHEAT-3476	proteomics_heat	2108609	2108656	-	6	3	K.ESGATVFAYHVNDPER.Y	20
PHEAT-3477	proteomics_heat	2108681	2108743	-	6	3	I.GGDDCALVLGDNIFYGHDLPK.L	25
PHEAT-3478	proteomics_heat	2108681	2108764	-	6	3	F.IIGEEFIGGDDCALVLGDNIFYGHDLPK.L	32

PHEAT-3479	proteomics_heat	2108681	2108800	-	6	9	K.VQSPDGLAQAFIIGEEFIGGDDCALVLDNIFYGHDLPK.L	44
PHEAT-3480	proteomics_heat	2108708	2108800	-	6	2	K.VQSPDGLAQAFIIGEEFIGGDDCALVLDN.I	35
PHEAT-3481	proteomics_heat	2108801	2108854	-	6	4	R.FQQLLGDGSQWGLNLQYK.V	22
PHEAT-3482	proteomics_heat	2108855	2108893	-	6	6	R.DILIISTPQDTPR.F	17
PHEAT-3483	proteomics_heat	2108894	2108965	-	6	17	K.QLLPYDKPMIYYPLSTLMLAGIR.D	28
PHEAT-3484	proteomics_heat	2108996	2109028	-	6	2	K.GIILAGGSGTR.L	15
PHEAT-3485	proteomics_heat	2108996	2109028	-	6	2	K.GIILAGGSGTR.L	15
PHEAT-3486	proteomics_heat	2108996	2109031	-	6	2	R.KGIILAGGSGTR.L	16
PHEAT-3487	proteomics_heat	2108996	2109031	-	6	2	R.KGIILAGGSGTR.L	16
PHEAT-3488	proteomics_heat	2109140	2109190	-	6	2	K.FQQNFALVLPDWQVGVK.R	21
PHEAT-3489	proteomics_heat	2109224	2109265	-	6	4	K.LNAVPTTAYPTPAR.R	18
PHEAT-3490	proteomics_heat	2109398	2109481	-	6	3	R.EELAVINDQFGAPTGAELLADCTAHAIR.V	32
PHEAT-3491	proteomics_heat	2109398	2109487	-	6	3	K.EREELAVINDQFGAPTGAELLADCTAHAIR.V	34
PHEAT-3492	proteomics_heat	2109407	2109481	-	6	2	R.EELAVINDQFGAPTGAELLADCTAH.A	29
PHEAT-3493	proteomics_heat	2109731	2109847	-	6	2	R.SIRPDIIVNAAAHTAVDKAESEPEFAQLINATSVEIAIK.A	43
PHEAT-3494	proteomics_heat	2109794	2109847	-	6	5	R.SIRPDIIVNAAAHTAVDK.A	22
PHEAT-3495	proteomics_heat	2109848	2109946	-	6	3	R.ALAPLGNLIAFDVHSTDYCGDFSNPEGVAETVR.S	37
PHEAT-3496	proteomics_heat	2109947	2109976	-	6	2	K.TGQVGWELQR.A	14
PHEAT-3497	proteomics_heat	2110003	2110050	-	5	4	K.SGAYQSWIEQNYEGRQ.-	20
PHEAT-3498	proteomics_heat	2110006	2110050	-	5	2	K.SGAYQSWIEQNYEGR.Q	19
PHEAT-3499	proteomics_heat	2110069	2110098	-	5	3	K.TVEWYLSNTK.W	14
PHEAT-3500	proteomics_heat	2110069	2110101	-	5	5	R.KTVEWYLSNTK.W	15
PHEAT-3501	proteomics_heat	2110099	2110146	-	5	4	R.ALGWKPQETFESGIRK.T	20
PHEAT-3502	proteomics_heat	2110102	2110146	-	5	2	R.ALGWKPQETFESGIR.K	19
PHEAT-3503	proteomics_heat	2110180	2110221	-	5	3	R.EQITYVADRPGHDR.R	18
PHEAT-3504	proteomics_heat	2110237	2110290	-	5	2	K.NIDVVLITICDLLDEIVPK.E	22
PHEAT-3505	proteomics_heat	2110237	2110293	-	5	2	K.KNIDVVLITICDLLDEIVPK.E	23
PHEAT-3506	proteomics_heat	2110294	2110332	-	5	6	K.AGETYNIGGHNEK.K	17
PHEAT-3507	proteomics_heat	2110333	2110362	-	5	3	R.ALYTVVTEGK.A	14
PHEAT-3508	proteomics_heat	2110363	2110407	-	5	2	K.GDQIRDWLYVEDHAR.A	19
PHEAT-3509	proteomics_heat	2110429	2110467	-	5	10	K.LIPLVILNALEGK.A	17
PHEAT-3510	proteomics_heat	2110549	2110572	-	5	5	K.ASSDHLVR.A	12
PHEAT-3511	proteomics_heat	2110549	2110572	-	5	5	K.ASSDHLVR.A	12
PHEAT-3512	proteomics_heat	2110717	2110749	-	5	2	R.NYWSALDSDKK.N	15
PHEAT-3513	proteomics_heat	2110750	2110821	-	5	64	R.SITGPAAFIETNIVGTYVLLAAR.N	28
PHEAT-3514	proteomics_heat	2110822	2110884	-	5	10	R.IFAQHQPDAMHMLAAESHVDR.S	25
PHEAT-3515	proteomics_heat	2110885	2110932	-	5	6	R.YVFEHADICDAPAMAR.I	20
PHEAT-3516	proteomics_heat	2110933	2110965	-	5	5	R.ESLADVSDSER.Y	15
PHEAT-3517	proteomics_heat	2110966	2111010	-	5	2	Q.DSVVNVDKLTYAGNR.E	19
PHEAT-3518	proteomics_heat	2110966	2111031	-	5	12	R.HIINNTQDSVVNVDKLTYAGNR.E	26
PHEAT-3519	proteomics_heat	2110987	2111031	-	5	9	R.HIINNTQDSVVNVDK.L	19
PHEAT-3520	proteomics_heat	2111554	2111607	-	5	2	K.QSVDAMLMTGDSYDCGKK.M	22
PHEAT-3521	proteomics_heat	2111554	2111610	-	5	6	K.KQSVDAMLMTGDSYDCGKK.M	23
PHEAT-3522	proteomics_heat	2111611	2111646	-	5	4	R.IQLTDAIAELAK.K	16
PHEAT-3523	proteomics_heat	2111671	2111709	-	5	3	R.YVLSADIWPELER.T	17
PHEAT-3524	proteomics_heat	2111710	2111778	-	5	10	R.IVEFIEKPDQPQLDSDIMAVGR.Y	27

PHEAT-3525	proteomics_heat	2111812	2111853	-	5	4	R.MPGDLSEYSVIQTK.E	18
PHEAT-3526	proteomics_heat	2111812	2111856	-	5	9	K.RMPGDLSEYSVIQTK.E	19
PHEAT-3527	proteomics_heat	2111920	2111991	-	5	2	A.IGDNPFFVVLPDVVIDDASADPLR.Y	28
PHEAT-3528	proteomics_heat	2111920	2111997	-	5	14	R.PAIGDNPFFVVLPDVVIDDASADPLR.Y	30
PHEAT-3529	proteomics_heat	2111998	2112042	-	5	5	R.QGEPLGLGHSILCAR.P	19
PHEAT-3530	proteomics_heat	2112112	2112171	-	5	7	K.NAVENHFDTSYELESLEQR.V	24
PHEAT-3531	proteomics_heat	2112172	2112201	-	5	3	K.EILLVTHASK.N	14
PHEAT-3532	proteomics_heat	2112202	2112273	-	5	50	K.EMLPIVDKPMIQYIVDEIVAAGIK.E	28
PHEAT-3533	proteomics_heat	2112286	2112336	-	5	8	K.AVIPVAGLGMHMLPATK.A	21
PHEAT-3534	proteomics_heat	2138209	2138256	-	5	2	R.MEGMNFQQMIQQAVER.N	20
PHEAT-3535	proteomics_heat	2139088	2139117	-	5	2	R.LQMEQDPQHR.G	14
PHEAT-3536	proteomics_heat	2139214	2139246	-	5	2	R.DNTLPDLSDDR.G	15
PHEAT-3537	proteomics_heat	2140039	2140065	-	5	4	K.DEVSAALDR.V	13
PHEAT-3538	proteomics_heat	2140039	2140104	-	5	2	R.GHTAAFIDLSPKDEVSAALDR.V	26
PHEAT-3539	proteomics_heat	2140192	2140221	-	5	2	R.DIEAWLDEGR.L	14
PHEAT-3540	proteomics_heat	2140192	2140233	-	5	2	R.LCDRDIEAWLDEGR.L	18
PHEAT-3541	proteomics_heat	2140421	2140462	-	6	2	K.TVRPMLQFIEPSK.Q	18
PHEAT-3542	proteomics_heat	2140637	2140666	-	6	3	R.MKETVTVPEK.K	14
PHEAT-3543	proteomics_heat	2140667	2140714	-	6	4	R.GSAIDLVPVSYVEHTR.M	20
PHEAT-3544	proteomics_heat	2140718	2140783	-	6	3	K.TNYDHPAMDHSLLEHLQALK.R	26
PHEAT-3545	proteomics_heat	2140910	2140969	-	6	2	M.TDQSHQCVIIGIAGASASGK.S	24
PHEAT-3546	proteomics_heat	2155854	2155925	-	4	10	S.TIYIATTAATISQTVLPSADWKAR.V	28
PHEAT-3547	proteomics_heat	2169938	2169970	-	6	2	R.KLSLEPLIAHR.G	15
PHEAT-3548	proteomics_heat	2171473	2171514	-	5	4	R.VIKPIMDGLTPIAK.Q	18
PHEAT-3549	proteomics_heat	2171653	2171676	-	5	6	K.FSADDIQR.K	12
PHEAT-3550	proteomics_heat	2171653	2171682	-	5	3	R.IKFSADDIQR.K	14
PHEAT-3551	proteomics_heat	2171701	2171757	-	5	8	H.GTSAYMGPIAVLVDIIIEK.I	23
PHEAT-3552	proteomics_heat	2172328	2172402	-	5	39	R.SFGDIPLVHGMPIFISGIGIEALQNK.I	29
PHEAT-3553	proteomics_heat	2172412	2172468	-	5	17	R.VNEIETYMDGVHLICTTAK.V	23
PHEAT-3554	proteomics_heat	2172469	2172516	-	5	4	K.ELCQNHNPVELIQR.V	20
PHEAT-3555	proteomics_heat	2172517	2172576	-	5	3	K.IIVACGGAVATSTMAAEEIK.E	24
PHEAT-3556	proteomics_heat	2172643	2172714	-	5	9	K.LQQPDIVETLITLPETQLKEYFTK.Y	28
PHEAT-3557	proteomics_heat	2172658	2172714	-	5	15	K.LQQPDIVETLITLPETQLK.E	23
PHEAT-3558	proteomics_heat	2172829	2172864	-	5	5	K.SSAIYLLRPTNK.V	16
PHEAT-3559	proteomics_heat	2172865	2172942	-	5	11	R.EAEFPTGIMLEQHAIAIPHCEAIHAK.S	30
PHEAT-3560	proteomics_heat	2172943	2172984	-	5	14	K.GVVHDTWPQALIAR.E	18
PHEAT-3561	proteomics_heat	2172985	2173026	-	5	6	R.SEVLTHIGNEMLAK.G	18
PHEAT-3562	proteomics_heat	2172985	2173050	-	5	4	R.SGISFVDRSEVLTHIGNEMLAK.G	26
PHEAT-3563	proteomics_heat	2173027	2173050	-	5	3	R.SGISFVDR.S	12
PHEAT-3564	proteomics_heat	2173126	2173176	-	5	3	R.IQSGELSAIPHQLIMDK.I	21
PHEAT-3565	proteomics_heat	2173189	2173266	-	5	11	K.NSVETMMVNLEGVDIPLGMISQYLPK.Q	30
PHEAT-3566	proteomics_heat	2173189	2173272	-	5	3	R.IKNSVETMMVNLEGVDIPLGMISQYLPK.Q	32
PHEAT-3567	proteomics_heat	2173213	2173266	-	5	4	K.NSVETMMVNLEGVDIPLG.M	22
PHEAT-3568	proteomics_heat	2173318	2173350	-	5	2	R.TGFNDSLLDIR.Y	15
PHEAT-3569	proteomics_heat	2173363	2173419	-	5	4	R.SGCLAVIEEVMLDEPQYWK.K	23
PHEAT-3570	proteomics_heat	2173420	2173476	-	5	2	R.EAIFALAQIEQLIAPENR.S	23

PHEAT-3571	proteomics_heat	2173552	2173590	-	5	5	R.MVYEAHSTDYQTR.T	17
PHEAT-3572	proteomics_heat	2173912	2173983	-	5	2	K.IHLDASMSCAGDPIPLAPETVAER.A	28
PHEAT-3573	proteomics_heat	2174029	2174100	-	5	4	R.IILGGDHLGPNCWQQENADAAMEK.S	28
PHEAT-3574	proteomics_heat	2174149	2174226	-	5	3	R.KVLIEATSNQVNQFGGYTGMPADFR.E	30
PHEAT-3575	proteomics_heat	2174239	2174316	-	5	8	K.AGEHIGICSVCSAHLVIEAALAFDR.N	30
PHEAT-3576	proteomics_heat	2174378	2174407	-	6	6	K.VIADCGCEGR.A	14
PHEAT-3577	proteomics_heat	2174435	2174455	-	6	4	R.DYLQSAK.S	11
PHEAT-3578	proteomics_heat	2174456	2174494	-	6	8	K.NYLTEHPEATDPR.D	17
PHEAT-3579	proteomics_heat	2174495	2174518	-	6	4	K.NAFSQALK.N	12
PHEAT-3580	proteomics_heat	2174579	2174632	-	6	13	R.QWVNLPLVLHGASGLSTK.D	22
PHEAT-3581	proteomics_heat	2174648	2174743	-	6	41	R.EFAEATGIDSLAVAIGTAHGMYSAPALDFSR.L	36
PHEAT-3582	proteomics_heat	2174744	2174812	-	6	3	L.GGQEDDVQVNEADALYTNPAQAR.E	27
PHEAT-3583	proteomics_heat	2174744	2174848	-	6	131	R.FDVSVEAELGQLGGQEDDVQVNEADALYTNPAQAR.E	39
PHEAT-3584	proteomics_heat	2174849	2174878	-	6	3	R.VKEVDFCHR.F	14
PHEAT-3585	proteomics_heat	2174879	2174929	-	6	9	R.SVMIDASHLPFAQNISR.V	21
PHEAT-3586	proteomics_heat	2174948	2174968	-	6	2	K.FDDIAQK.V	11
PHEAT-3587	proteomics_heat	2175549	2175587	-	4	2	K.LINAVQDVYLDISK.I	17
PHEAT-3588	proteomics_heat	2175675	2175737	-	4	15	R.AGLINSGGAAGGETDLSDAVR.T	25
PHEAT-3589	proteomics_heat	2175675	2175761	-	4	2	Q.LANCYMGRAGLINSGGAAGGETDLSDAVR.T	33
PHEAT-3590	proteomics_heat	2175738	2175767	-	4	2	R.YQLANCYMGR.A	14
PHEAT-3591	proteomics_heat	2175876	2175959	-	4	4	K.DGVVDYHVSADLTGQANHLAATIGADIVK.Q	32
PHEAT-3592	proteomics_heat	2176023	2176058	-	4	4	R.RQIEEISAAFER.A	16
PHEAT-3593	proteomics_heat	2176224	2176301	-	4	53	K.NIVELATEAGCNCVASTYGVLASVSR.R	30
PHEAT-3594	proteomics_heat	2176302	2176403	-	4	7	R.LAGTGYSILPVDQGVHSAGASFAANPLYFDPK.N	38
PHEAT-3595	proteomics_heat	2176404	2176433	-	4	5	R.NMQTLYNTGR.L	14
PHEAT-3596	proteomics_heat	2176473	2176529	-	4	5	R.CMTIPSDQLYLPGHYVDR.V	23
PHEAT-3597	proteomics_heat	2176530	2176556	-	4	4	K.DADNLLQHR.C	13
PHEAT-3598	proteomics_heat	2178341	2178415	-	6	2	L.LKASKRSAQSRILRPIRSGSILPSR.S	29
PHEAT-3599	proteomics_heat	2181963	2182010	-	4	4	K.GGHLDDDEQSPDWLFTR.E	20
PHEAT-3600	proteomics_heat	2182206	2182250	-	4	6	R.YQIQNVVLDTVMLAK.S	19
PHEAT-3601	proteomics_heat	2182260	2182307	-	4	2	K.IGMLAETDIVEVAER.L	20
PHEAT-3602	proteomics_heat	2182323	2182376	-	4	13	R.IEPDFVAAQLDSVFSVDR.I	22
PHEAT-3603	proteomics_heat	2182398	2182463	-	4	3	K.TFSALGAYGCSVITALVAQNTR.G	26
PHEAT-3604	proteomics_heat	2182464	2182529	-	4	3	R.INALTIAGTDPSGGAGIQADLK.T	26
PHEAT-3605	proteomics_heat	2182739	2182777	-	6	3	R.IIGIHGGDPLMTK.V	17
PHEAT-3606	proteomics_heat	2182838	2182897	-	6	3	R.GVDTTDAAANAIPAAQTLAR.E	24
PHEAT-3607	proteomics_heat	2182898	2182948	-	6	2	R.GNASEIMALAGIANGGR.G	21
PHEAT-3608	proteomics_heat	2182997	2183053	-	6	4	K.SSQTPWTLDPVAVGALDYR.R	23
PHEAT-3609	proteomics_heat	2183681	2183737	-	6	3	K.MLDEPHECAAVLQQIAAIR.G	23
PHEAT-3610	proteomics_heat	2183738	2183767	-	6	2	K.IQGQVVALKK.M	14
PHEAT-3611	proteomics_heat	2191090	2191146	-	5	4	R.VAAQLYWQGEVIPGEISFR.A	23
PHEAT-3612	proteomics_heat	2191162	2191215	-	5	3	K.GTPTVISRPESEFTAIYR.Q	22
PHEAT-3613	proteomics_heat	2191231	2191278	-	5	3	K.YHTQLLGQMPHLISL.R	20
PHEAT-3614	proteomics_heat	2191237	2191278	-	5	2	K.YHTQLLGQMPHLIS.L	18
PHEAT-3615	proteomics_heat	2191291	2191392	-	5	2	K.VEVPVLGIVENMSVHICSNCGHHEPIFGTGGAEK.L	38
PHEAT-3616	proteomics_heat	2191777	2191827	-	5	3	K.SSTAVNLALALAAEGAK.V	21

PHEAT-3617	proteomics_heat	2191843	2191869	-	5	4	K.NIIAVSSGK.G	13
PHEAT-3618	proteomics_heat	2191906	2191932	-	5	2	K.LSHNIATLK.R	13
PHEAT-3619	proteomics_heat	2192101	2192148	-	5	4	R.AMVAGTLANFQHPTLK.H	20
PHEAT-3620	proteomics_heat	2216631	2216681	-	4	2	K.TLQQLNASIAVEGLDAK.K	21
PHEAT-3621	proteomics_heat	2216754	2216798	-	4	2	D.PQGVQPIYAPAPVVR.E	19
PHEAT-3622	proteomics_heat	2217021	2217047	-	4	2	R.YLQEGGTFK.L	13
PHEAT-3623	proteomics_heat	2217330	2217407	-	4	7	K.IDTEGALLGNIIQLVLESHGVPTVNK.V	30
PHEAT-3624	proteomics_heat	2217969	2218007	-	4	3	K.VTASVQVTNTGKR.E	17
PHEAT-3625	proteomics_heat	2218512	2218553	-	4	2	R.SPQEMIDEAVQTAK.Q	18
PHEAT-3626	proteomics_heat	2218869	2218895	-	4	2	D.PVDTNAESR.L	13
PHEAT-3627	proteomics_heat	2218869	2218904	-	4	3	K.ESDPVDTNAESR.L	16
PHEAT-3628	proteomics_heat	2218905	2218952	-	4	2	K.YDMGLFNDPYSHLGPK.E	20
PHEAT-3629	proteomics_heat	2219088	2219123	-	4	4	K.HGTAADPEDAVR.V	16
PHEAT-3630	proteomics_heat	2219136	2219168	-	4	4	K.GITVSDHGAIK.E	15
PHEAT-3631	proteomics_heat	2219199	2219288	-	4	6	K.AGLDAGSGAVMVALNSLNGTPATSDSWLLK.D	34
PHEAT-3632	proteomics_heat	2219319	2219351	-	4	2	K.EYNTVDMSPQR.L	15
PHEAT-3633	proteomics_heat	2219319	2219387	-	4	2	K.HFAAYGAVEGGKEYNTVDMSPQR.L	27
PHEAT-3634	proteomics_heat	2219352	2219387	-	4	2	K.HFAAYGAVEGGK.E	16
PHEAT-3635	proteomics_heat	2219604	2219660	-	4	3	R.TVFPISLGLASSFNLDVAVK.T	23
PHEAT-3636	proteomics_heat	2224822	2224890	-	5	2	R.IINITSVHEHTPLPDASAYTAAK.H	27
PHEAT-3637	proteomics_heat	2236007	2236054	-	6	2	R.WLLTQPEILMLDEPTR.G	20
PHEAT-3638	proteomics_heat	2236271	2236336	-	6	3	K.QINNHANEAINHGFALVTEER.R	26
PHEAT-3639	proteomics_heat	2237378	2237425	-	6	2	R.VPYVGVDDKNLAEFSK.K	20
PHEAT-3640	proteomics_heat	2237564	2237620	-	6	5	K.SSIPVFGVDALPEALALVK.S	23
PHEAT-3641	proteomics_heat	2240432	2240464	-	6	2	K.LHGGVEAISNR.A	15
PHEAT-3642	proteomics_heat	2241060	2241107	-	4	6	R.DATSATTTTSLGGLFK.S	20
PHEAT-3643	proteomics_heat	2241213	2241254	-	4	5	R.IVQFFAQRPVQQR.L	18
PHEAT-3644	proteomics_heat	2241288	2241311	-	4	2	K.ATVAYIPK.D	12
PHEAT-3645	proteomics_heat	2241312	2241365	-	4	5	R.DITLTSTCEHHFVTIDGK.A	22
PHEAT-3646	proteomics_heat	2241366	2241395	-	4	2	K.MKVDEMVTVR.D	14
PHEAT-3647	proteomics_heat	2241417	2241467	-	4	31	K.MYVDEIFSGLDYANFPK.I	21
PHEAT-3648	proteomics_heat	2241477	2241563	-	4	5	K.SLIAGHMTEIMQLLNLDLADDLSMETPHR.I	33
PHEAT-3649	proteomics_heat	2241564	2241620	-	4	4	R.GLETPLRPPVHEMDNETR.K.S	23
PHEAT-3650	proteomics_heat	2241567	2241620	-	4	8	R.GLETPLRPPVHEMDNETR.K	22
PHEAT-3651	proteomics_heat	2241621	2241656	-	4	5	K.EAALVHEALVAR.G	16
PHEAT-3652	proteomics_heat	2242833	2242862	-	4	2	R.DDYSYNEDGR.R	14
PHEAT-3653	proteomics_heat	2243484	2243534	-	4	3	K.APSLLQLSPDWTSNSCR.G	21
PHEAT-3654	proteomics_heat	2243724	2243774	-	4	3	R.HDKLSDAVNLTGGTSSK.T	21
PHEAT-3655	proteomics_heat	2243775	2243831	-	4	3	K.YTLPLTAINQFLTVGGEW.R.H	23
PHEAT-3656	proteomics_heat	2243832	2243885	-	4	2	K.NPGNSSPITSESNTVDGK.Y	22
PHEAT-3657	proteomics_heat	2243832	2243897	-	4	4	K.VENKNPGNSSPITSESNTVDGK.Y	26
PHEAT-3658	proteomics_heat	2244108	2244155	-	4	2	K.DDPQNSTTTDTGETPR.I	20
PHEAT-3659	proteomics_heat	2244396	2244443	-	4	4	R.HNDFDLNWPVDSIER.I	20
PHEAT-3660	proteomics_heat	2244609	2244656	-	4	3	K.DAPASISVITQEDLQR.K	20
PHEAT-3661	proteomics_heat	2245316	2245360	-	6	2	R.GYVLQGHDIINDLPYR.S	19
PHEAT-3662	proteomics_heat	2245562	2245591	-	6	2	R.MLYTLACDGK.A	14



PHEAT-3663	proteomics_heat	2247068	2247115	-	6	2	R.GPVTLEQLAAAPWILR.E	20
PHEAT-3664	proteomics_heat	2247386	2247433	-	6	9	R.ALALLEQAVEIEQLFR.E	20
PHEAT-3665	proteomics_heat	2258800	2258838	-	5	3	K.AVAEATPYEPAGK.A	17
PHEAT-3666	proteomics_heat	2258800	2258859	-	5	4	K.TAQELDKAVAEATPYEPAGK.A	24
PHEAT-3667	proteomics_heat	2258911	2259006	-	5	78	R.GSVGAGNAITPEEVAAADLVIVAADIEVDLAK.F	36
PHEAT-3668	proteomics_heat	2258941	2259006	-	5	5	R.GSVGAGNAITPEEVAAADLVIV.A	26
PHEAT-3669	proteomics_heat	2259040	2259120	-	5	8	K.RVVAVTACPTGVAHTFMAAEAIETEAK.K	31
PHEAT-3670	proteomics_heat	2259121	2259174	-	5	2	K.PYTAPVAATAPVAASGPK.R	22
PHEAT-3671	proteomics_heat	2259121	2259186	-	5	3	K.GHAKPYTAPVAATAPVAASGPK.R	26
PHEAT-3672	proteomics_heat	2259187	2259225	-	5	4	R.AVAHPELFLSEAK.G	17
PHEAT-3673	proteomics_heat	2259253	2259339	-	5	8	K.LEIIDNPDAEMAIVLGDSPNDSALNGK.N	33
PHEAT-3674	proteomics_heat	2260028	2260090	-	6	3	K.DGEVTDNFNFSGFVTPADWER.F	25
PHEAT-3675	proteomics_heat	2260121	2260141	-	6	2	R.FQVVQGR.T	11
PHEAT-3676	proteomics_heat	2260142	2260195	-	6	3	K.DNQGDFQQLFSELGIANR.F	22
PHEAT-3677	proteomics_heat	2260313	2260375	-	6	3	R.VATITLNPAYDLVGFCEPIER.G	25
PHEAT-3678	proteomics_heat	2260522	2260584	-	5	2	K.QFNSDITVTNLDGTGKPANGR.S	25
PHEAT-3679	proteomics_heat	2260585	2260614	-	5	2	R.PGTMLVNTIK.Q	14
PHEAT-3680	proteomics_heat	2260639	2260722	-	5	7	K.ADAATLLALLTSDDAPTDDVLSAEFVVR.N	32
PHEAT-3681	proteomics_heat	2260732	2260767	-	5	2	R.LADLLLDNKADR.L	16
PHEAT-3682	proteomics_heat	2260741	2260767	-	5	3	R.LADLLLDNK.A	13
PHEAT-3683	proteomics_heat	2260768	2260860	-	5	4	R.AANAFDVDGETAAMLVSVAMNDDQPIAVLKR.L	35
PHEAT-3684	proteomics_heat	2260771	2260860	-	5	5	R.AANAFDVDGETAAMLVSVAMNDDQPIAVLK.R	34
PHEAT-3685	proteomics_heat	2260882	2260953	-	5	4	K.AINEQPLNLGQGIWLSDSAEGNLR.S	28
PHEAT-3686	proteomics_heat	2260954	2260995	-	5	2	R.LKEAGAVDATFVTK.A	18
PHEAT-3687	proteomics_heat	2260996	2261088	-	5	4	K.QSEQLKLDNEMLTLDIVASDLLTLQALNAAR.L	35
PHEAT-3688	proteomics_heat	2261137	2261184	-	5	2	R.QLTHVLSDDSVAEQLK.S	20
PHEAT-3689	proteomics_heat	2261314	2261379	-	5	4	R.EQQTSTFLGNGIAIPHGTTDTR.D	26
PHEAT-3690	proteomics_heat	2261380	2261448	-	5	7	R.QVAAALVQAGNVAEGYVNGMLAR.E	27
PHEAT-3691	proteomics_heat	2261449	2261475	-	5	2	K.AGDKEEAI.R	13
PHEAT-3692	proteomics_heat	2261476	2261517	-	5	4	T.MFQLSVQDIHPGEK.A	18
PHEAT-3693	proteomics_heat	2277813	2277893	-	4	2	R.IGGITLDADLAPGEYRPLTEEEIASVV.-	31
PHEAT-3694	proteomics_heat	2277981	2278055	-	4	12	K.GVQLHNEKDLTKPAVLEVITPTQVR.L	29
PHEAT-3695	proteomics_heat	2278323	2278385	-	4	7	K.LLPEHDVAYDGNPLAQHQHGR.Y	25
PHEAT-3696	proteomics_heat	2281058	2281117	-	6	9	K.FAGSGGGLTINFDAMLLGER.I	24
PHEAT-3697	proteomics_heat	2281142	2281177	-	6	2	K.GYELEESFPADR.S	16
PHEAT-3698	proteomics_heat	2281322	2281372	-	6	2	R.GLLQAVDDFTAEQLDK.A	21
PHEAT-3699	proteomics_heat	2281385	2281438	-	6	12	K.VADFFMDFLGASEGLNAK.A	22
PHEAT-3700	proteomics_heat	2281385	2281441	-	6	7	R.KVADFFMDFLGASEGLNAK.A	23
PHEAT-3701	proteomics_heat	2281517	2281585	-	6	3	R.VNENLDINPTHYLDINHADIVAR.I	27
PHEAT-3702	proteomics_heat	2281766	2281813	-	6	4	K.AYGLFSESELAQTLR.L	20
PHEAT-3703	proteomics_heat	2281835	2281891	-	6	4	R.DSILLEPTETVVEMVAELHR.V	23
PHEAT-3704	proteomics_heat	2281892	2281924	-	6	2	K.RDEQNLELVL.R	15
PHEAT-3705	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3706	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3707	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3708	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14

PHEAT-3709	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3710	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3711	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3712	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3713	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3714	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3715	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3716	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3717	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3718	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3719	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3720	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3721	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3722	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3723	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3724	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3725	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3726	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3727	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3728	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3729	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3730	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3731	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3732	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3733	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3734	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3735	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3736	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3737	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3738	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3739	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3740	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3741	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3742	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3743	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3744	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3745	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3746	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3747	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3748	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3749	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3750	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3751	proteomics_heat	2289863	2289907	-	6	2	K.IWQQATAQAPALLDR.A	19
PHEAT-3752	proteomics_heat	2295454	2295525	-	5	2	R.LLTGLSRPDAGEVLWQGQPLHQVR.D	28
PHEAT-3753	proteomics_heat	2298367	2298429	-	5	2	R.NRPPQGLVYMPFFDAAQLVNK.L	25
PHEAT-3754	proteomics_heat	2300545	2300586	-	5	2	R.VVACQGDPAVNR.G	18

PHEAT-3755	proteomics_heat	2304138	2304179	-	4	2	R.TEIGTDVNYGEITR.Q	18
PHEAT-3756	proteomics_heat	2305084	2305134	-	5	2	K.TIFAI SHDDHYFIHAD R.L	21
PHEAT-3757	proteomics_heat	2305135	2305179	-	5	3	R.EFYQVLLPLMQEMGK.T	19
PHEAT-3758	proteomics_heat	2305660	2305713	-	5	4	K.AEFPRPQAFPNWQTLELR.N	22
PHEAT-3759	proteomics_heat	2309821	2309847	-	5	5	R.GYDDEDILK.Y	13
PHEAT-3760	proteomics_heat	2309866	2309943	-	5	13	K.AQNFEAVAQYQFDFGLRPSLAYLQSK.G	30
PHEAT-3761	proteomics_heat	2309944	2309970	-	5	3	R.VGSLGWANK.A	13
PHEAT-3762	proteomics_heat	2309971	2310030	-	5	4	K.YDANNIYLAAQYTQTYNATR.V	24
PHEAT-3763	proteomics_heat	2310031	2310105	-	5	2	K.RTDAQNTAAYIGNGDRAETYTGGLK.Y	29
PHEAT-3764	proteomics_heat	2310058	2310102	-	5	5	R.TDAQNTAAYIGNGDR.A	19
PHEAT-3765	proteomics_heat	2310058	2310105	-	5	6	K.RTDAQNTAAYIGNGDR.A	20
PHEAT-3766	proteomics_heat	2310199	2310252	-	5	7	K.NGNPSGEGFTSGVTNNGR.D	22
PHEAT-3767	proteomics_heat	2310337	2310432	-	5	3	R.NYGVVYDVTSWTDVLPFEGGDYGSDFMQR.G	36
PHEAT-3768	proteomics_heat	2310598	2310627	-	5	3	K.DVDGDQTYMR.L	14
PHEAT-3769	proteomics_heat	2310598	2310660	-	5	4	K.VDGLHYFSDNKDVG DQTYMR.L	25
PHEAT-3770	proteomics_heat	2310628	2310660	-	5	2	K.VDGLHYFSDNK.D	15
PHEAT-3771	proteomics_heat	2310661	2310690	-	5	2	K.DGNKLDLYGK.V	14
PHEAT-3772	proteomics_heat	2310661	2310690	-	5	2	K.DGNKLDLYGK.V	14
PHEAT-3773	proteomics_heat	2310661	2310690	-	5	2	K.DGNKLDLYGK.V	14
PHEAT-3774	proteomics_heat	2310661	2310690	-	5	2	K.DGNKLDLYGK.V	14
PHEAT-3775	proteomics_heat	2310661	2310708	-	5	4	A.AEVYNKDG NKLDLYGK.V	20
PHEAT-3776	proteomics_heat	2310661	2310708	-	5	4	A.AEVYNKDG NKLDLYGK.V	20
PHEAT-3777	proteomics_heat	2310661	2310708	-	5	4	A.AEVYNKDG NKLDLYGK.V	20
PHEAT-3778	proteomics_heat	2310661	2310708	-	5	4	A.AEVYNKDG NKLDLYGK.V	20
PHEAT-3779	proteomics_heat	2310691	2310759	-	5	7	K.VLSLLVPALLVAGAANA AEVYNK.D	27
PHEAT-3780	proteomics_heat	2315634	2315714	-	4	3	R.SGIVVTTYEGQEPTPEDVLITDEVVSK.K	31
PHEAT-3781	proteomics_heat	2316702	2316767	-	4	3	D.GVNILSNELAHTYLNMLTHE DR.Q	26
PHEAT-3782	proteomics_heat	2329257	2329349	-	4	2	V.MLGGGDNALMLPEQASNIRLQSSETPQEIFR.N	35
PHEAT-3783	proteomics_heat	2334929	2334964	-	6	4	R.TAEDENVVGLQR.V	16
PHEAT-3784	proteomics_heat	2334965	2334991	-	6	3	R.NTQGVILIR.T	13
PHEAT-3785	proteomics_heat	2335151	2335177	-	6	2	R.TAVAEYPTK.S	13
PHEAT-3786	proteomics_heat	2335178	2335225	-	6	4	R.GDGAILTATQNGYGKR.T	20
PHEAT-3787	proteomics_heat	2335181	2335225	-	6	3	R.GDGAILTATQNGYGK.R	19
PHEAT-3788	proteomics_heat	2335226	2335249	-	6	3	K.VVSLIVPR.G	12
PHEAT-3789	proteomics_heat	2335226	2335267	-	6	5	R.LGEGDKVVSLIVPR.G	18
PHEAT-3790	proteomics_heat	2335337	2335417	-	6	7	K.LVDGDELIGVDLTSGEDEVM LFS AEGK.V	31
PHEAT-3791	proteomics_heat	2335448	2335474	-	6	2	K.KTVLTEFNR.L	13
PHEAT-3792	proteomics_heat	2335553	2335597	-	6	5	R.GRPVNNLLPLEQDER.I	19
PHEAT-3793	proteomics_heat	2335655	2335702	-	6	12	R.LLVANTHDHILCFSSR.G	20
PHEAT-3794	proteomics_heat	2335703	2335729	-	6	3	R.IKEEDFIDR.L	13
PHEAT-3795	proteomics_heat	2335793	2335888	-	6	14	R.TEITANSADINLEDLITQEDVVV T LSHQGYVK.Y	36
PHEAT-3796	proteomics_heat	2335913	2335951	-	6	6	R.LMEVIRELELVR.E	17
PHEAT-3797	proteomics_heat	2335973	2336023	-	6	8	K.LLDEYKELLDQIAELLR.I	21
PHEAT-3798	proteomics_heat	2336057	2336110	-	6	12	R.DGLYYLTEQQAQAILDLR.L	22
PHEAT-3799	proteomics_heat	2336111	2336164	-	6	4	R.AGDDAARPEWLEPEFGVR.D	22
PHEAT-3800	proteomics_heat	2336165	2336221	-	6	10	K.TALVANPWQLGNVAAMLER.A	23

PHEAT-3801	proteomics_heat	2336375	2336413	-	6	2	K.IMNLKDIIAAFVR.H	17
PHEAT-3802	proteomics_heat	2336537	2336587	-	6	3	R.VEGISALRDESDKDGMR.I	21
PHEAT-3803	proteomics_heat	2336537	2336590	-	6	2	K.RVEGISALRDESDKDGMR.I	22
PHEAT-3804	proteomics_heat	2336564	2336590	-	6	2	K.RVEGISALR.D	13
PHEAT-3805	proteomics_heat	2336633	2336674	-	6	3	R.ETIIVHEIPYQVVK.A	18
PHEAT-3806	proteomics_heat	2336684	2336713	-	6	2	R.ARAEVEVDAK.T	14
PHEAT-3807	proteomics_heat	2336741	2336764	-	6	2	R.RGIEEAYR.T	12
PHEAT-3808	proteomics_heat	2336981	2337022	-	6	2	K.ETVDFVDNYDGTEK.I	18
PHEAT-3809	proteomics_heat	2336981	2337055	-	6	4	K.IAHELMADLEKETVDFVDNYDGTEK.I	29
PHEAT-3810	proteomics_heat	2337023	2337055	-	6	4	K.IAHELMADLEK.E	15
PHEAT-3811	proteomics_heat	2337080	2337145	-	6	8	R.YMLVDGQGNFGSIDGDSAAAMR.Y	26
PHEAT-3812	proteomics_heat	2337170	2337214	-	6	3	K.YHPHGDSAVYDTIVR.M	19
PHEAT-3813	proteomics_heat	2337260	2337301	-	6	2	R.VLYAMNVLGNDWNK.A	18
PHEAT-3814	proteomics_heat	2337260	2337304	-	6	2	R.RVLYAMNVLGNDWNK.A	19
PHEAT-3815	proteomics_heat	2340551	2340637	-	6	3	V.SGSSGTVIGSQDVVDLAGGDNLHIGGDGK.D	33
PHEAT-3816	proteomics_heat	2348023	2348085	-	5	2	R.SDKLPEYTPDVNQLYDALYNK.A	25
PHEAT-3817	proteomics_heat	2348359	2348382	-	5	2	R.IKNELEPK.M	12
PHEAT-3818	proteomics_heat	2348542	2348601	-	5	2	R.VHTFEEIEFVQGLNHSTGK.N	24
PHEAT-3819	proteomics_heat	2348881	2348922	-	5	2	R.GASGYLPEHTLPAK.A	18
PHEAT-3820	proteomics_heat	2360726	2360794	-	6	3	R.AGAPLLACEVVPSEETLAQTAH.W	27
PHEAT-3821	proteomics_heat	2360873	2360932	-	6	2	R.VAGQSVIFEGTEGLPAQISR.E	24
PHEAT-3822	proteomics_heat	2360954	2360992	-	6	2	K.LTGPASEQQAMEK.L	17
PHEAT-3823	proteomics_heat	2361398	2361484	-	6	2	R.SQHADVLIIVNGGLGPTSDDLALAAATAK.G	33
PHEAT-3824	proteomics_heat	2361491	2361535	-	6	2	R.NTVGDNLDDLVTILR.E	19
PHEAT-3825	proteomics_heat	2361491	2361538	-	6	2	R.RNTVGDNLDDLVTILR.E	20
PHEAT-3826	proteomics_heat	2361881	2361961	-	6	2	R.LFGEYYSPDSLSSGIQSYEEANAGAR.Y	31
PHEAT-3827	proteomics_heat	2371387	2371437	-	5	2	K.VGDLLSPLQNALYCINR.E	21
PHEAT-3828	proteomics_heat	2373031	2373081	-	5	2	R.RWPGSTLPVVEVDALER.L	21
PHEAT-3829	proteomics_heat	2373082	2373156	-	5	2	R.IAAWLTPDTIPGLDTLDMQAQQVR.R	29
PHEAT-3830	proteomics_heat	2373625	2373669	-	5	2	R.AAPLCNGDPDDLILK.L	19
PHEAT-3831	proteomics_heat	2374041	2374142	-	4	3	K.AALNADCDGQAGLQELAGNATMLFYMTEEGQEGR.N	38
PHEAT-3832	proteomics_heat	2374194	2374262	-	4	5	K.QALDMGLVNTVVPLADLEKTVR.W	27
PHEAT-3833	proteomics_heat	2374206	2374262	-	4	3	K.QALDMGLVNTVVPLADLEK.E	23
PHEAT-3834	proteomics_heat	2374428	2374493	-	4	2	R.TCPKPVVAMVAGYSIGGGHVLH.M	26
PHEAT-3835	proteomics_heat	2374503	2374568	-	4	5	R.GDYGGYKDDSGVHHLNVLDFQR.Q	26
PHEAT-3836	proteomics_heat	2374602	2374649	-	4	3	R.YDDNIGVIILTGAGDK.A	20
PHEAT-3837	proteomics_heat	2378858	2378890	-	6	2	R.VSQASDSYYYR.A	15
PHEAT-3838	proteomics_heat	2378930	2378971	-	6	3	R.SSGDPADQKYVELK.A	18
PHEAT-3839	proteomics_heat	2378972	2379022	-	6	126	R.IDDDLTLSETLEEVL.R	21
PHEAT-3840	proteomics_heat	2378972	2379046	-	6	9	M.SNQFGDTRIDDDLTLSETLEEVL.R.S	29
PHEAT-3841	proteomics_heat	2379329	2379373	-	6	2	R.ILKSDDDLEPVVIGR.V	19
PHEAT-3842	proteomics_heat	2379419	2379493	-	6	5	R.CAVFVVEQNCPYQDIDGDDLTGDN.R.H	29
PHEAT-3843	proteomics_heat	2391338	2391382	-	6	2	R.DPLNSMMNIPAVLSR.F	19
PHEAT-3844	proteomics_heat	2393406	2393429	-	4	3	R.AGEVLSNR.K	12
PHEAT-3845	proteomics_heat	2393945	2393989	-	6	7	K.DKGEAENEAKPIDVK.S	19
PHEAT-3846	proteomics_heat	2394017	2394040	-	6	2	K.YPEYNFYR.M	12

PHEAT-3847	proteomics_heat	2394017	2394094	-	6	3	K.RQDLVYEKEDLLISGPGKYPEYNFYR.M	30
PHEAT-3848	proteomics_heat	2394041	2394091	-	6	2	R.QDLVYEKEDLLISGPGK.Y	21
PHEAT-3849	proteomics_heat	2394041	2394094	-	6	3	K.RQDLVYEKEDLLISGPGK.Y	22
PHEAT-3850	proteomics_heat	2394092	2394178	-	6	4	R.CIFCGLCEEACPTTAIQLTPDFEMGEYKR.Q	33
PHEAT-3851	proteomics_heat	2395476	2395616	-	4	5	R.VSFSYDGNVTVLPVEIAEGLTAGQVGLPMGMSGIAPVLAGAHLEDLK.E	51
PHEAT-3852	proteomics_heat	2395707	2395754	-	4	4	R.IAPYYHLFGSDELSQR.A	20
PHEAT-3853	proteomics_heat	2395782	2395835	-	4	5	R.LFETSENGLDYFTSVPAR.F	22
PHEAT-3854	proteomics_heat	2395887	2395943	-	4	7	R.SQVPFAWAPGWNSPQAWNK.F	23
PHEAT-3855	proteomics_heat	2396013	2396039	-	4	5	R.ANISVHEPR.Q	13
PHEAT-3856	proteomics_heat	2396100	2396126	-	4	3	K.DAAPDATFR.I	13
PHEAT-3857	proteomics_heat	2396100	2396150	-	4	6	K.IPELAGIKDAAPDATFR.I	21
PHEAT-3858	proteomics_heat	2396151	2396201	-	4	13	R.EVDWTQLDHDVIDAVVAK.I	21
PHEAT-3859	proteomics_heat	2396397	2396429	-	4	5	K.APLVMVVDHQR.T	15
PHEAT-3860	proteomics_heat	2396469	2396507	-	4	2	R.ADAVVVLENDLHR.H	17
PHEAT-3861	proteomics_heat	2396508	2396585	-	4	11	R.SVNSMGLGIMGGGSLEEALTELETGR.A	30
PHEAT-3862	proteomics_heat	2396634	2396705	-	4	24	K.KPLIISGTNAGSLEVIQAAANVAK.A	28
PHEAT-3863	proteomics_heat	2396742	2396798	-	4	2	H.ALDNSAPAVDGIPELQSK.I	23
PHEAT-3864	proteomics_heat	2396742	2396810	-	4	2	F.AIAHALDNSAPAVDGIPELQSK.I	27
PHEAT-3865	proteomics_heat	2396742	2396819	-	4	8	R.LGFIAHALDNSAPAVDGIPELQSK.I	30
PHEAT-3866	proteomics_heat	2396874	2396909	-	4	2	K.HPLFVTNVDDTR.L	16
PHEAT-3867	proteomics_heat	2396916	2396960	-	4	3	K.VADWQIAAILNIGQR.A	19
PHEAT-3868	proteomics_heat	2397087	2397116	-	4	2	R.EGGIYTPALR.E	14
PHEAT-3869	proteomics_heat	2397144	2397200	-	4	3	R.ELVGEENFYTGIAHGEQER.L	23
PHEAT-3870	proteomics_heat	2397267	2397332	-	4	6	R.RGDDFITLNAEQAMQGAADILR.Q	26
PHEAT-3871	proteomics_heat	2397360	2397386	-	4	2	R.FGYGYVNLK.D	13
PHEAT-3872	proteomics_heat	2397393	2397431	-	4	5	R.YNGTVNHYFLCDR.G	17
PHEAT-3873	proteomics_heat	2397462	2397536	-	4	4	R.KWDMQFAPSICQQCSIGCNISPGER.Y	29
PHEAT-3874	proteomics_heat	2397738	2397779	-	4	6	R.NQDLGPFISHMNR.C	18
PHEAT-3875	proteomics_heat	2397933	2397986	-	4	3	C.MTPASDGTFFISIDDEEAK.Q	22
PHEAT-3876	proteomics_heat	2397933	2398001	-	4	5	R.LVMSCMTPASDGTFFISIDDEEAK.Q	27
PHEAT-3877	proteomics_heat	2398252	2398329	-	5	2	R.EEFEAGIKQPFSENTHLINGIQPNLLK.E	30
PHEAT-3878	proteomics_heat	2398252	2398338	-	5	2	K.YFREEFEAGIKQPFSENTHLINGIQPNLLK.E	33
PHEAT-3879	proteomics_heat	2398306	2398338	-	5	2	K.YFREEFEAGIK.Q	15
PHEAT-3880	proteomics_heat	2398339	2398392	-	5	5	K.TFCAHAPGAVEPLQSAIK.Y	22
PHEAT-3881	proteomics_heat	2398411	2398458	-	5	2	R.GEGQPGDIETLEQLCR.F	20
PHEAT-3882	proteomics_heat	2398534	2398557	-	5	3	R.NLEEFFAR.E	12
PHEAT-3883	proteomics_heat	2398558	2398617	-	5	16	R.LGTALAMAVDHEINMVSLVR.N	24
PHEAT-3884	proteomics_heat	2398630	2398713	-	5	2	K.AWQPGGAGTDFLTEAHLDPMEFESIGK.A	32
PHEAT-3885	proteomics_heat	2398732	2398764	-	5	2	R.EILEDYAGGMR.D	15
PHEAT-3886	proteomics_heat	2398765	2398812	-	5	9	R.VKNPGLWELPFGTTAR.E	20
PHEAT-3887	proteomics_heat	2398855	2398983	-	5	2	R.SKPPFPATSGAWGKPTCVNNVETLCNVPAILANGVEWYQNIISK.S	47
PHEAT-3888	proteomics_heat	2398999	2399046	-	5	3	R.YICGEETALINSLEGR.R	20
PHEAT-3889	proteomics_heat	2399104	2399145	-	5	2	R.RAIAEATEAGLLGK.N	18
PHEAT-3890	proteomics_heat	2399272	2399322	-	5	4	R.YLLCNADEMPEGTYKDR.L	21
PHEAT-3891	proteomics_heat	2399413	2399457	-	5	2	K.ALTGLSPDEIVNQVK.D	19
PHEAT-3892	proteomics_heat	2399413	2399460	-	5	7	R.KALTGLSPDEIVNQVK.D	20

PHEAT-3893	proteomics_heat	2399488	2399529	-	5	4	R.LRDDKQPVWLDEYR.S	18
PHEAT-3894	proteomics_heat	2399530	2399559	-	5	4	R.TPETHPLTWR.L	14
PHEAT-3895	proteomics_heat	2399583	2399657	-	4	2	K.GPNMMIDEDTHAHLTPPEAIPELLER.Y	29
PHEAT-3896	proteomics_heat	2399700	2399738	-	4	4	K.LNIKPGQTTFDGR.F	17
PHEAT-3897	proteomics_heat	2399742	2399804	-	4	7	R.YCDSVVCHINGYQGIQAALK.K	25
PHEAT-3898	proteomics_heat	2400018	2400074	-	4	4	I.MHENQQPQTEAFELSAER.E	23
PHEAT-3899	proteomics_heat	2400149	2400193	-	6	9	R.TPSFAHLQQIPAAIR.G	19
PHEAT-3900	proteomics_heat	2400206	2400256	-	6	4	K.GINSYYLTS DGSTMSYR.T	21
PHEAT-3901	proteomics_heat	2400359	2400397	-	6	2	K.ADHPLTTPPKER.T	17
PHEAT-3902	proteomics_heat	2400365	2400397	-	6	5	K.ADHPLTTPPK.E	15
PHEAT-3903	proteomics_heat	2400398	2400442	-	6	5	R.ILEQCLNNMPEGPFK.A	19
PHEAT-3904	proteomics_heat	2400482	2400559	-	6	3	K.ARPYSGYENFDPEIPVGGGVSDCYTR.V	30
PHEAT-3905	proteomics_heat	2400590	2400628	-	6	2	K.EALEWGTGAGLR.A	17
PHEAT-3906	proteomics_heat	2400758	2400787	-	6	5	R.IGGVAHDLPR.G	14
PHEAT-3907	proteomics_heat	2400809	2400844	-	6	2	K.IYDLVEAITGFR.M	16
PHEAT-3908	proteomics_heat	2400809	2400850	-	6	3	R.QKIYDLVEAITGFR.M	18
PHEAT-3909	proteomics_heat	2401001	2401057	-	6	3	R.IEYLGCCVNEMPYVLAVEK.L	23
PHEAT-3910	proteomics_heat	2401001	2401093	-	6	2	R.QSWHSYIPYTDRIEYLGCCVNEMPYVLAVEK.L	35
PHEAT-3911	proteomics_heat	2401058	2401093	-	6	3	R.QSWHSYIPYTDRIEYLGCCVNEMPYVLAVEK.L	16
PHEAT-3912	proteomics_heat	2401118	2401183	-	6	10	R.IVLQLDGEIIVDCVPDIGYHHR.G	26
PHEAT-3913	proteomics_heat	2401184	2401255	-	6	14	R.GTENEDFMFLNLPNHPHSAHGAFR.I	28
PHEAT-3914	proteomics_heat	2401184	2401258	-	6	2	K.RGTENEDFMFLNLPNHPHSAHGAFR.I	29
PHEAT-3915	proteomics_heat	2401256	2401318	-	6	5	K.AKQDLEMEALTFKPEEWGMKR.G	25
PHEAT-3916	proteomics_heat	2401259	2401318	-	6	3	K.AKQDLEMEALTFKPEEWGMKR.R	24
PHEAT-3917	proteomics_heat	2401412	2401462	-	6	7	R.ETWDLFGITFDGHPNLR.R	21
PHEAT-3918	proteomics_heat	2401493	2401537	-	6	5	K.VALAENDLHVPTFTK.L	19
PHEAT-3919	proteomics_heat	2401559	2401615	-	6	27	R.EGLPAADFSVFYHLISIDR.N	23
PHEAT-3920	proteomics_heat	2401631	2401654	-	6	2	F.DLHGMDER.L	12
PHEAT-3921	proteomics_heat	2401631	2401684	-	6	2	K.KLPKPYVMLFDLHGMDER.L	22
PHEAT-3922	proteomics_heat	2401685	2401717	-	6	2	R.EQLLEVGDFLK.K	15
PHEAT-3923	proteomics_heat	2401721	2401747	-	6	2	R.TGVPVWIK.R	13
PHEAT-3924	proteomics_heat	2401748	2401783	-	6	2	R.FGPDFTVQATR.T	16
PHEAT-3925	proteomics_heat	2401790	2401825	-	6	2	R.DHLDDPVIGELR.N	16
PHEAT-3926	proteomics_heat	2401826	2401864	-	6	5	M.TDLTAQEPAWQTR.D	17
PHEAT-3927	proteomics_heat	2402054	2402095	-	6	13	R.RPLSWVVGDDQGVYR.A	18
PHEAT-3928	proteomics_heat	2402486	2402512	-	6	2	K.LNDMVNWGR.K	13
PHEAT-3929	proteomics_heat	2402531	2402554	-	6	2	D.PLEQEVNK.N	12
PHEAT-3930	proteomics_heat	2402531	2402572	-	6	5	K.QEIVTDPLEQEVNK.N	18
PHEAT-3931	proteomics_heat	2402660	2402692	-	6	3	R.MNPETNSIANR.Q	15
PHEAT-3932	proteomics_heat	2402912	2402956	-	6	3	K.NVPFESGIDSVGSAR.L	19
PHEAT-3933	proteomics_heat	2402912	2402962	-	6	2	R.SKNVPFESGIDSVGSAR.L	21
PHEAT-3934	proteomics_heat	2404067	2404114	-	6	3	K.GEPIPLVLLDDPSPFR.D	20
PHEAT-3935	proteomics_heat	2404427	2404468	-	6	4	K.LLTHEGIQLLYAR.K	18
PHEAT-3936	proteomics_heat	2404613	2404663	-	6	2	Y.MISANRPIINLDDLRL.T	21
PHEAT-3937	proteomics_heat	2409491	2409544	-	6	4	R.LNEVDLVLHLSLEQITVTK.Q	22
PHEAT-3938	proteomics_heat	2409821	2409901	-	6	9	R.LEHIEATETEGITALPGAIALLSHLNK.A	31

PHEAT-3939	proteomics_heat	2409974	2410018	-	6	2	R.HGLAPEEVLAFIHGK.Q	19
PHEAT-3940	proteomics_heat	2410170	2410199	-	4	6	R.MLNVWHACPR.Q	14
PHEAT-3941	proteomics_heat	2410209	2410268	-	4	15	R.YTHFDAGTHGFNAQTPMWEK.Y	24
PHEAT-3942	proteomics_heat	2410227	2410268	-	4	2	R.YTHFDAGTHGFNAQ.T	18
PHEAT-3943	proteomics_heat	2410269	2410292	-	4	3	R.FMVNVEGR.Y	12
PHEAT-3944	proteomics_heat	2410311	2410349	-	4	2	R.VTFLGFDAATEAR.Y	17
PHEAT-3945	proteomics_heat	2410311	2410352	-	4	8	R.RVTFGLGFDAATEAR.Y	18
PHEAT-3946	proteomics_heat	2410437	2410481	-	4	6	R.ELDREFGELKEETCR.T	19
PHEAT-3947	proteomics_heat	2410482	2410502	-	4	2	R.GYGLQMR.E	11
PHEAT-3948	proteomics_heat	2410533	2410568	-	4	2	K.MMTMLDPANAER.Y	16
PHEAT-3949	proteomics_heat	2410593	2410616	-	4	2	T.MEMTNAQR.L	12
PHEAT-3950	proteomics_heat	2416941	2417018	-	4	89	K.DFLPGMLDATAGGVVQADEQLLESAR.R	30
PHEAT-3951	proteomics_heat	2416941	2417030	-	4	2	R.TETKDFLPGMLDATAGGVVQADEQLLESAR.R	34
PHEAT-3952	proteomics_heat	2416941	2417051	-	4	3	G.KILVQRRTETKDFLPGMLDATAGGVVQADEQLLESAR.R	41
PHEAT-3953	proteomics_heat	2417118	2417183	-	4	3	R.LASTEWVDIVNEENEVIAQASR.E	26
PHEAT-3954	proteomics_heat	2417118	2417186	-	4	3	R.RLASTEWVDIVNEENEVIAQASR.E	27
PHEAT-3955	proteomics_heat	2417358	2417402	-	4	8	R.GEIFHFNPGSVSIPK.G	19
PHEAT-3956	proteomics_heat	2417403	2417510	-	4	2	R.LFLTHGHLFGPENLPALNQNDVLVYGHTHLPVAEQR.G	40
PHEAT-3957	proteomics_heat	2417517	2417597	-	4	9	R.GNCDSEVDQMLLHFPITAPWQQVLEK.Q	31
PHEAT-3958	proteomics_heat	2417754	2417801	-	4	5	K.LMFASDIHGSLPATER.V	20
PHEAT-3959	proteomics_heat	2418118	2418156	-	5	2	R.EERPTDVVFAGAK.K	17
PHEAT-3960	proteomics_heat	2420857	2420910	-	5	2	L.QTGDAQRFRAFIGEIAER.A	22
PHEAT-3961	proteomics_heat	2421884	2421922	-	6	3	K.TMVVVTHEMGFAR.H	17
PHEAT-3962	proteomics_heat	2421953	2422036	-	6	6	R.ALAMEPEVLLFDEPTSALDPELVGEVLR.I	32
PHEAT-3963	proteomics_heat	2422052	2422087	-	6	5	K.YPVHLSGGQQQR.V	16
PHEAT-3964	proteomics_heat	2422493	2422528	-	6	2	M.SENKLNVIDLHK.R	16
PHEAT-3965	proteomics_heat	2424031	2424060	-	5	6	K.KYFDFDVYGG.-	14
PHEAT-3966	proteomics_heat	2424109	2424144	-	5	3	R.KEDNELREALNK.A	16
PHEAT-3967	proteomics_heat	2424145	2424177	-	5	6	K.LFGVGTGMGLR.K	15
PHEAT-3968	proteomics_heat	2424145	2424207	-	5	2	K.FGGPSVKDEKLFVGTGMGLR.K	25
PHEAT-3969	proteomics_heat	2424178	2424207	-	5	11	K.FGGPSVKDEK.L	14
PHEAT-3970	proteomics_heat	2424217	2424282	-	5	11	R.IDAAFQDEVAASEGFLKQPVGK.D	26
PHEAT-3971	proteomics_heat	2424232	2424282	-	5	13	R.IDAAFQDEVAASEGFLK.Q	21
PHEAT-3972	proteomics_heat	2424283	2424345	-	5	8	K.GIEIVSYQGQDNIYSDLTAGR.I	25
PHEAT-3973	proteomics_heat	2424346	2424405	-	5	7	R.VGVLQGTQTETFGNEHWAPK.G	24
PHEAT-3974	proteomics_heat	2424346	2424408	-	5	4	K.RVGVLQGTQTETFGNEHWAPK.G	25
PHEAT-3975	proteomics_heat	2424346	2424435	-	5	3	Q.PTVESLKGKRVGLQGTQTETFGNEHWAPK.G	34
PHEAT-3976	proteomics_heat	2424409	2424450	-	5	2	K.NSDIQPTVESLKGK.R	18
PHEAT-3977	proteomics_heat	2424415	2424450	-	5	3	K.NSDIQPTVESLK.G	16
PHEAT-3978	proteomics_heat	2424466	2424513	-	5	3	R.QQEIAFTDKLYAADSR.L	20
PHEAT-3979	proteomics_heat	2424487	2424516	-	5	7	K.RQQEIAFTDK.L	14
PHEAT-3980	proteomics_heat	2424514	2424558	-	5	17	K.KIDAIMSSLSITEKR.Q	19
PHEAT-3981	proteomics_heat	2424517	2424558	-	5	26	K.KIDAIMSSLSITEK.R	18
PHEAT-3982	proteomics_heat	2424565	2424624	-	5	15	R.INTQCTFVENPLDALIPSLK.A	24
PHEAT-3983	proteomics_heat	2424565	2424627	-	5	16	K.RINTQCTFVENPLDALIPSLK.A	25
PHEAT-3984	proteomics_heat	2424640	2424684	-	5	9	K.NSQGELVGFIDILAK.E	19

PHEAT-3985	proteomics_heat	2424685	2424723	-	5	14	R.IGTDPTYAPFESK.N	17
PHEAT-3986	proteomics_heat	2425235	2425285	-	6	2	R.LDAALQDEVAASEGFLK.Q	21
PHEAT-3987	proteomics_heat	2425286	2425354	-	6	2	R.SKGVDVVAYANQDLVYSDLAAGR.L	27
PHEAT-3988	proteomics_heat	2425355	2425411	-	6	6	K.HVGVLQGSTQEAYANETWR.S	23
PHEAT-3989	proteomics_heat	2425517	2425561	-	6	5	K.KIDAISSLSITDKR.Q	19
PHEAT-3990	proteomics_heat	2425688	2425726	-	6	3	R.IGDTTYAPFSSK.D	17
PHEAT-3991	proteomics_heat	2426331	2426378	-	4	2	K.TLSGIVHSYTDGLLTR.A	20
PHEAT-3992	proteomics_heat	2426746	2426784	-	5	2	R.QNEVENLEMHNEG.-	17
PHEAT-3993	proteomics_heat	2426812	2426853	-	5	5	K.DVDQGYLDFLDTLR.N	18
PHEAT-3994	proteomics_heat	2426854	2426916	-	5	5	R.AENPDIQQFECVFNQVYVTK.D	25
PHEAT-3995	proteomics_heat	2426917	2426979	-	5	20	R.QIIGADGLIFQDLNLDLIDAVR.A	25
PHEAT-3996	proteomics_heat	2426998	2427057	-	5	9	R.FPNVYQIDMPSATELIAHGR.E	24
PHEAT-3997	proteomics_heat	2427058	2427090	-	5	3	K.VYLASAAPEIR.F	15
PHEAT-3998	proteomics_heat	2427058	2427093	-	5	6	K.KVYLASAAPEIR.F	16
PHEAT-3999	proteomics_heat	2427109	2427144	-	5	3	R.GTTSEQIEMAR.E	16
PHEAT-4000	proteomics_heat	2427145	2427183	-	5	5	R.DKNVLLVDDSIVR.G	17
PHEAT-4001	proteomics_heat	2427232	2427261	-	5	2	R.TFIMPGQQLR.R	14
PHEAT-4002	proteomics_heat	2427454	2427534	-	5	2	R.QCADNPVSNPCLFEYVYFARPDSEIDK.I	31
PHEAT-4003	proteomics_heat	2427535	2427591	-	5	16	R.DVAPGEAIYITEEGQLFTR.Q	23
PHEAT-4004	proteomics_heat	2427592	2427672	-	5	11	R.DIDENRTEYMVASESVALDTLGFDFLR.D	31
PHEAT-4005	proteomics_heat	2427775	2427828	-	5	23	R.HYPLEADNIFAAIAATNR.L	22
PHEAT-4006	proteomics_heat	2427829	2427897	-	5	61	R.HINTTSDSEILLNIFASELDNFR.H	27
PHEAT-4007	proteomics_heat	2427922	2428038	-	5	2	R.YPTAGSSSASEAQPFYVNSPYGITLAHNGNLTNAHELK.K	43
PHEAT-4008	proteomics_heat	2427925	2427990	-	5	3	Y.VNSPYGITLAHNGNLTNAHELK.K	26
PHEAT-4009	proteomics_heat	2427925	2428038	-	5	2	R.YPTAGSSSASEAQPFYVNSPYGITLAHNGNLTNAHELK.K	42
PHEAT-4010	proteomics_heat	2428039	2428071	-	5	2	R.LQGNMGIGHVR.Y	15
PHEAT-4011	proteomics_heat	2428084	2428122	-	5	6	R.KANGLVSDVFEAR.H	17
PHEAT-4012	proteomics_heat	2428129	2428179	-	5	4	R.GQDAAGIITIDANNCFR.L	21
PHEAT-4013	proteomics_heat	2428180	2428227	-	5	2	M.PVNQSIYDALTVLQHR.G	20
PHEAT-4014	proteomics_heat	2428180	2428257	-	5	6	M.CGIVGIAGVMPVNQSIYDALTVLQHR.G	30
PHEAT-4015	proteomics_heat	2429218	2429250	-	5	5	K.NADKVNEIVGK.L	15
PHEAT-4016	proteomics_heat	2429251	2429280	-	5	2	K.AYVVQLGALK.N	14
PHEAT-4017	proteomics_heat	2429299	2429352	-	5	3	K.VEAPPAPKPEPKPVVEEK.A	22
PHEAT-4018	proteomics_heat	2429569	2429610	-	5	2	K.HYQDEFAAIPLVPK.A	18
PHEAT-4019	proteomics_heat	2430017	2430070	-	6	7	R.VIFDVAHNPHAAEYLTR.M	22
PHEAT-4020	proteomics_heat	2430317	2430385	-	6	3	R.SEKPAIVGEPMPSTIADVAQEK.G	27
PHEAT-4021	proteomics_heat	2430422	2430508	-	6	4	R.LDATNIVDADVAVVTSIALDHTDWLGPDR.E	33
PHEAT-4022	proteomics_heat	2430617	2430682	-	6	2	R.VQGQELPESAHASFAEIESAR.G	26
PHEAT-4023	proteomics_heat	2430887	2430949	-	6	3	R.TPQAASPLASWLSYLENLHKS.T	25
PHEAT-4024	proteomics_heat	2431163	2431186	-	6	2	K.GAIDMIVR.R	12
PHEAT-4025	proteomics_heat	2431256	2431282	-	6	2	K.ALIGFAGPR.V	13
PHEAT-4026	proteomics_heat	2431283	2431378	-	6	40	R.GLPYISVLTDPTMGGVSASFAMLGDLNIAEPK.A	36
PHEAT-4027	proteomics_heat	2431412	2431450	-	6	4	R.MQEALMSLMQMAK.T	17
PHEAT-4028	proteomics_heat	2431451	2431516	-	6	4	R.AVEQALEDNCP LICFSASGGAR.M	26
PHEAT-4029	proteomics_heat	2431613	2431648	-	6	5	K.ETGEKDALVVMK.G	16
PHEAT-4030	proteomics_heat	2431709	2431768	-	6	13	R.LHSLLEDGSLVELGSELEPK.D	24



PHEAT-4031	proteomics_heat	2431871	2431903	-	6	11	R.KASIPEGVWTK.C	15
PHEAT-4032	proteomics_heat	2433425	2433484	-	6	2	R.TDAGVHGTGQVVFETTALR.K	24
PHEAT-4033	proteomics_heat	2433485	2433535	-	6	3	K.ALSQVANEPITVFCAGR.T	21
PHEAT-4034	proteomics_heat	2433565	2433636	-	5	44	R.QFIKLRWALSTTAVSITAGNGRTK.S	28
PHEAT-4035	proteomics_heat	2433721	2433777	-	5	3	R.NDYGMPEQVQFWSVADNVR.F	23
PHEAT-4036	proteomics_heat	2434039	2434092	-	5	3	R.QLAFNMLPLLPDSEGSVR.E	22
PHEAT-4037	proteomics_heat	2434093	2434137	-	5	3	K.LLNGIPIDEEDFFGR.Q	19
PHEAT-4038	proteomics_heat	2434138	2434170	-	5	3	K.AVDALAGQSAK.L	15
PHEAT-4039	proteomics_heat	2434138	2434173	-	5	7	K.KAVDALAGQSAK.L	16
PHEAT-4040	proteomics_heat	2434174	2434215	-	5	2	R.ISVTSLSISASAQ GK.K	18
PHEAT-4041	proteomics_heat	2434216	2434284	-	5	2	V.PDSLTSQLLAALKPLIDQGGLSR.I	27
PHEAT-4042	proteomics_heat	2434216	2434299	-	5	6	R.NVIAPDSLTSQLLAALKPLIDQGGLSR.I	32
PHEAT-4043	proteomics_heat	2434941	2434982	-	4	2	R.ITLHGPLDQPTLKR.L	18
PHEAT-4044	proteomics_heat	2434944	2434982	-	4	4	R.ITLHGPLDQPTLK.R	17
PHEAT-4045	proteomics_heat	2434983	2435045	-	4	8	K.FIGHEQHVALDTLLPAPEFGR.I	25
PHEAT-4046	proteomics_heat	2435085	2435132	-	4	4	K.VDIGTSHIAGYTLEGK.A	20
PHEAT-4047	proteomics_heat	2435085	2435135	-	4	9	K.KVDIGTSHIAGYTLEGK.A	21
PHEAT-4048	proteomics_heat	2435196	2435249	-	4	4	R.GAVVDNTALLTCLNEGQK.L	22
PHEAT-4049	proteomics_heat	2435250	2435288	-	4	11	R.SLKPGAILINACR.G	17
PHEAT-4050	proteomics_heat	2435298	2435321	-	4	2	K.TLHLADEK.L	12
PHEAT-4051	proteomics_heat	2435337	2435372	-	4	2	R.ADILTFHTPLFK.D	16
PHEAT-4052	proteomics_heat	2435640	2435693	-	4	3	K.FVGTATAGTDHVDEAWLK.Q	22
PHEAT-4053	proteomics_heat	2435694	2435729	-	4	3	K.VNESLLAGKPIK.F	16
PHEAT-4054	proteomics_heat	2435742	2435819	-	4	5	R.LGEVTAVPGRPIPVAQLADADALMVR.S	30
PHEAT-4055	proteomics_heat	2438422	2438487	-	5	5	R.ELTTVMSNSFGFGGTNATLVMR.K	26
PHEAT-4056	proteomics_heat	2438644	2438667	-	5	2	K.SPAISATK.A	12
PHEAT-4057	proteomics_heat	2438644	2438685	-	5	10	R.EVFGDKSPAISATK.A	18
PHEAT-4058	proteomics_heat	2438704	2438778	-	5	2	M.AMHGVDTPIDYLNHGTSTPVGDK.E	29
PHEAT-4059	proteomics_heat	2438704	2438781	-	5	17	K.MAMHGVDTPIDYLNHGTSTPVGDK.E	30
PHEAT-4060	proteomics_heat	2438791	2438880	-	5	2	R.GAHIYAEIVGYGATSDGADMVAPSGEGAVR.C	34
PHEAT-4061	proteomics_heat	2438881	2438949	-	5	80	R.DGFVIAGGGGMVVVEELEHALAR.G	27
PHEAT-4062	proteomics_heat	2438881	2438967	-	5	7	R.TYDAHRDGFVIAGGGGMVVVEELEHALAR.G	33
PHEAT-4063	proteomics_heat	2439085	2439156	-	5	2	Y.SISSACATSAHCIGNAVEQIQLGK.Q	28
PHEAT-4064	proteomics_heat	2439085	2439174	-	5	100	K.IHGVNYSISSACATSAHCIGNAVEQIQLGK.Q	34
PHEAT-4065	proteomics_heat	2439124	2439174	-	5	7	K.IHGVNYSISSACATSAH.C	21
PHEAT-4066	proteomics_heat	2439175	2439219	-	5	7	K.AMASGVSACLATPFK.I	19
PHEAT-4067	proteomics_heat	2439265	2439294	-	5	2	R.FQVFGADAMR.G	14
PHEAT-4068	proteomics_heat	2439295	2439333	-	5	3	R.VGLIAGSGGGSPR.F	17
PHEAT-4069	proteomics_heat	2439334	2439429	-	5	5	R.FMSDASIYAFLSMEQAIADAGLSPEAYQNNPR.V	36
PHEAT-4070	proteomics_heat	2439439	2439468	-	5	4	K.LDTTGLIDRK.V	14
PHEAT-4071	proteomics_heat	2439442	2439468	-	5	6	K.LDTTGLIDR.K	13
PHEAT-4072	proteomics_heat	2439469	2439492	-	5	2	R.SHVWGNVK.L	12
PHEAT-4073	proteomics_heat	2439508	2439537	-	5	4	R.SGITFSQELK.D	14
PHEAT-4074	proteomics_heat	2439547	2439618	-	5	30	R.AVITGLGIVSSIGNNQEVLASLR.E	28
PHEAT-4075	proteomics_heat	2439547	2439621	-	5	5	K.RAVITGLGIVSSIGNNQEVLASLR.E	29
PHEAT-4076	proteomics_heat	2440657	2440737	-	5	2	R.VCLITDTAPPGDRCRKHVPVRGPHPRNKA.L	31

PHEAT-4077	proteomics_heat	2441973	2442002	-	4	4	K.AIGAGELSPR.D	14
PHEAT-4078	proteomics_heat	2442003	2442095	-	4	8	R.GHLTLAIAELESRDDHSAQAVHTTVSQSLEK.A	35
PHEAT-4079	proteomics_heat	2442096	2442167	-	4	2	R.ILALIDGMVDHASDDELFAAGYLR.G	28
PHEAT-4080	proteomics_heat	2444458	2444514	-	5	13	R.AVPIAEAMLAIVLMHLLR.Q	23
PHEAT-4081	proteomics_heat	2444539	2444589	-	5	17	G.RTINRFGEVEMITKGR.H	21
PHEAT-4082	proteomics_heat	2444587	2444628	-	5	3	H.MALKPTSSITVPGR.T	18
PHEAT-4083	proteomics_heat	2444587	2444700	-	5	3	K.DGFQSNHAGGILGGISSGQQIIAHMALKPTSSITVPGR.T	42
PHEAT-4084	proteomics_heat	2444629	2444700	-	5	2	K.DGFQSNHAGGILGGISSGQQIIAH.M	28
PHEAT-4085	proteomics_heat	2444731	2444772	-	5	2	K.GVEIGDGFVVALR.G	18
PHEAT-4086	proteomics_heat	2444773	2444820	-	5	2	R.LDADIAHALMSINAVK.G	20
PHEAT-4087	proteomics_heat	2444773	2444877	-	5	7	K.VTVVASGVAPGLGEPVFDRLDADIAHALMSINAVK.G	39
PHEAT-4088	proteomics_heat	2445154	2445198	-	5	3	K.DVFRPGHADYTYEQK.Y	19
PHEAT-4089	proteomics_heat	2445154	2445222	-	5	6	R.SQDYSAIKDVFRPGHADYTYEQK.Y	27
PHEAT-4090	proteomics_heat	2445791	2445868	-	6	3	K.VQYDLIVTNPYPVDAEDMSDLPNEYR.H	30
PHEAT-4091	proteomics_heat	2446091	2446120	-	6	3	R.SPIGELINNK.F	14
PHEAT-4092	proteomics_heat	2446136	2446174	-	6	3	K.AWFCGHEFYVDER.V	17
PHEAT-4093	proteomics_heat	2446175	2446201	-	6	4	R.IPVAYLTNK.A	13
PHEAT-4094	proteomics_heat	2446400	2446453	-	6	13	K.IFVDEAVNELQTIQDMLR.W	22
PHEAT-4095	proteomics_heat	2454739	2454813	-	5	4	R.HGDAALDAASDSVRPLTTNGCDESR.L	29
PHEAT-4096	proteomics_heat	2455190	2455252	-	6	2	R.DGDIGAVFGIGFPPFLGGPFR.Y	25
PHEAT-4097	proteomics_heat	2457292	2457384	-	5	3	R.AHATGEVDDSKFNVLGGSIAYGHPFAATGAR.M	35
PHEAT-4098	proteomics_heat	2458807	2458845	-	5	3	R.AEAEQTLAALTEK.A	17
PHEAT-4099	proteomics_heat	2458861	2458947	-	5	2	K.CSADETPVCCCMDVGTIMDNSDCTASYSR.V	33
PHEAT-4100	proteomics_heat	2460651	2460698	-	4	8	Y.AGDFIQANALSERVVK.V	20
PHEAT-4101	proteomics_heat	2462418	2462450	-	4	2	R.AQLLSDGLLR.Q	15
PHEAT-4102	proteomics_heat	2462553	2462633	-	4	2	R.FGSTLGHYGVGYGPYVQLPFYGSFTLR.D	31
PHEAT-4103	proteomics_heat	2462583	2462633	-	4	2	R.FGSTLGHYGVGYGPYVQ.L	21
PHEAT-4104	proteomics_heat	2462724	2462825	-	4	6	R.NGLSNFTGNLEEPAVMVNYFLQDPYQGMVHFTR.F	38
PHEAT-4105	proteomics_heat	2466691	2466759	-	5	5	K.RFRSGISLIFSTTSRLISLKSPT.F	27
PHEAT-4106	proteomics_heat	2476870	2476920	-	5	10	I.RATNQARRIGCICILER.I	21
PHEAT-4107	proteomics_heat	2495199	2495252	-	4	2	K.VCVSPGIGFGDYGDTHVR.F	22
PHEAT-4108	proteomics_heat	2495343	2495381	-	4	2	K.GLHEAGWMVEMPK.A	17
PHEAT-4109	proteomics_heat	2495829	2495876	-	4	2	R.SVPLVEGVDFFNELER.A	20
PHEAT-4110	proteomics_heat	2496096	2496146	-	4	3	K.LCTVAQRPDTHGYSTR.G	21
PHEAT-4111	proteomics_heat	2496147	2496218	-	4	2	R.RGEDIIDFSMGNPDGATPPHIVEK.L	28
PHEAT-4112	proteomics_heat	2496234	2496281	-	4	4	R.IDRLPPYVFNITAEK.M	20
PHEAT-4113	proteomics_heat	2497473	2497520	-	4	8	R.LTGSRANEVIAILVM.F	20
PHEAT-4114	proteomics_heat	2499665	2499760	-	6	2	R.HALAGERLGIILNPVTNAVIEKIAARLRIAR.R	36
PHEAT-4115	proteomics_heat	2506507	2506584	-	5	5	K.EYVHDIPVYLIVHDNPGLLGSGAHLR.Q	30
PHEAT-4116	proteomics_heat	2506756	2506785	-	5	4	R.ALADSCTDCR.R	14
PHEAT-4117	proteomics_heat	2506756	2506788	-	5	2	E.RALADSCTDCR.R	15
PHEAT-4118	proteomics_heat	2506801	2506836	-	5	2	K.ADNRLPENLKP.K.D	16
PHEAT-4119	proteomics_heat	2506849	2506884	-	5	2	R.VLSGPGLVNLYR.A	16
PHEAT-4120	proteomics_heat	2506885	2506914	-	5	6	R.AEIGHVSAER.V	14
PHEAT-4121	proteomics_heat	2506915	2506998	-	5	16	R.WVSLPGEGGHVDFAPNSEEEAILEILR.A	32
PHEAT-4122	proteomics_heat	2507356	2507400	-	5	2	R.LALCDIASGEISQAK.T	19

PHEAT-4123	proteomics_heat	2507401	2507439	-	5	2	K.YALVGDVGGTNAR.L	17
PHEAT-4124	proteomics_heat	2514805	2514840	-	5	2	R.ALEQAPEQEAGK.S	16
PHEAT-4125	proteomics_heat	2514841	2514891	-	5	4	R.WHLQALTDPLTLLPNFR.A	21
PHEAT-4126	proteomics_heat	2517345	2517407	-	4	6	R.VAVTGAGQSPALDVTVAIGK.T	25
PHEAT-4127	proteomics_heat	2517357	2517407	-	4	2	R.VAVTGAGQSPALDVTVA.A	21
PHEAT-4128	proteomics_heat	2517426	2517512	-	4	16	K.LAAITDWAENVHHAIQATADELEVGMGK.V	33
PHEAT-4129	proteomics_heat	2517426	2517518	-	4	2	R.DKLAITDWAENVHHAIQATADELEVGMGK.V	35
PHEAT-4130	proteomics_heat	2517561	2517608	-	4	11	R.YFYEDFAEFDADAACK.H	20
PHEAT-4131	proteomics_heat	2517660	2517689	-	4	2	R.NGPQLADLVK.L	14
PHEAT-4132	proteomics_heat	2517789	2517815	-	4	2	K.SASAFNTDK.L	13
PHEAT-4133	proteomics_heat	2517816	2517842	-	4	4	K.YFTLNAVSK.S	13
PHEAT-4134	proteomics_heat	2517843	2517896	-	4	2	R.LGWSHGDQEIFREEMIK.Y	22
PHEAT-4135	proteomics_heat	2517858	2517896	-	4	6	R.LGWSHGDQEIFTR.E	17
PHEAT-4136	proteomics_heat	2517897	2517941	-	4	8	R.DDGYPALLNYLVR.L	19
PHEAT-4137	proteomics_heat	2517897	2517971	-	4	2	R.HGAVSVMQYRDDGYLPEALLNYLVR.L	29
PHEAT-4138	proteomics_heat	2517942	2517971	-	4	4	R.HGAVSVMQYR.D	14
PHEAT-4139	proteomics_heat	2517984	2518040	-	4	3	K.APVPVYAHVSMINGDDGKK.L	23
PHEAT-4140	proteomics_heat	2517987	2518040	-	4	2	K.APVPVYAHVSMINGDDGK.K	22
PHEAT-4141	proteomics_heat	2518068	2518097	-	4	14	R.GEDHINNTPR.Q	14
PHEAT-4142	proteomics_heat	2518098	2518172	-	4	8	R.TDGSPTYNFCVVDDWDMETHVIR.G	29
PHEAT-4143	proteomics_heat	2518098	2518175	-	4	6	R.RTDGSPTYNFCVVDDWDMETHVIR.G	30
PHEAT-4144	proteomics_heat	2518176	2518223	-	4	7	R.GPIEFNSQELDDLIIR.R	20
PHEAT-4145	proteomics_heat	2518176	2518271	-	4	3	R.FANPQEGSVVFDQIRGPIEFNSQELDDLIIR.R	36
PHEAT-4146	proteomics_heat	2518224	2518271	-	4	6	R.FANPQEGSVVFDQIR.G	20
PHEAT-4147	proteomics_heat	2518350	2518382	-	4	3	R.LEALREEQMAK.G	15
PHEAT-4148	proteomics_heat	2518350	2518388	-	4	2	K.ERLEALREEQMAK.G	17
PHEAT-4149	proteomics_heat	2518404	2518451	-	4	8	R.YNAVIDQMLEEGTAYK.C	20
PHEAT-4150	proteomics_heat	2518404	2518460	-	4	3	R.FDRYNAVIDQMLEEGTAYK.C	23
PHEAT-4151	proteomics_heat	2518551	2518574	-	4	5	R.IEDTDLER.S	12
PHEAT-4152	proteomics_heat	2518575	2518601	-	4	2	R.NHGGEFVLR.I	13
PHEAT-4153	proteomics_heat	2518602	2518631	-	4	4	R.TALYSWLFAR.N	14
PHEAT-4154	proteomics_heat	2518632	2518676	-	4	5	R.FAPSPTYLHVGGAR.T	19
PHEAT-4155	proteomics_heat	2526255	2526296	-	4	5	K.KTDLVIAGEAAGSK.L	18
PHEAT-4156	proteomics_heat	2526318	2526389	-	4	4	V.VLTGSLSQMSRDDAKARLVELGAK.V	28
PHEAT-4157	proteomics_heat	2526489	2526554	-	4	3	K.VPDVGIVVASHVHNFFAEESNR.N	26
PHEAT-4158	proteomics_heat	2526555	2526644	-	4	4	R.EVGEATAAGLAAYFGTLEALEAASIEELQK.V	34
PHEAT-4159	proteomics_heat	2527101	2527172	-	4	7	R.LEPVHVAGVLVSNATLHNADEIER.L	28
PHEAT-4160	proteomics_heat	2527284	2527328	-	4	2	K.VNSLAQQEQLGFVAR.A	19
PHEAT-4161	proteomics_heat	2527329	2527382	-	4	4	K.VEEDRPTLGFIDGVVIK.V	22
PHEAT-4162	proteomics_heat	2527473	2527547	-	4	9	K.RPLTFFCYGVVLEGGELPDTHLGR.L	29
PHEAT-4163	proteomics_heat	2527698	2527724	-	4	2	K.LHGENIPAR.L	13
PHEAT-4164	proteomics_heat	2528016	2528069	-	4	2	R.ELETKHPELITPDSPTQR.V	22
PHEAT-4165	proteomics_heat	2528088	2528150	-	4	2	R.HHEYLYHVMDAPEIPDAEYDR.L	25
PHEAT-4166	proteomics_heat	2528338	2528406	-	5	5	K.LMLQSAQHIADEVGGVLLDDQRR.M	27
PHEAT-4167	proteomics_heat	2528407	2528478	-	5	8	K.DFTTPGVTIFMQVPSYGDELQNFK.L	28
PHEAT-4168	proteomics_heat	2528479	2528562	-	5	8	R.HLSPDGGSPALFSLANMVKPGTFDPEMK.D	32

PHEAT-4169	proteomics_heat	2528950	2529000	-	5	2	R.PSPQHQQYPPYASAPR.Q	21
PHEAT-4170	proteomics_heat	2529055	2529111	-	5	4	R.DDDSYDEDVEDDEGVGEVR.V	23
PHEAT-4171	proteomics_heat	2534525	2534572	-	6	4	K.GTGDLFCAQLISGLLK.G	20
PHEAT-4172	proteomics_heat	2534714	2534743	-	6	5	R.DLDSAIAAAK.S	14
PHEAT-4173	proteomics_heat	2534753	2534821	-	6	7	R.QYLLPLAQGITPNIFEILEITGK.N	27
PHEAT-4174	proteomics_heat	2534918	2534947	-	6	3	K.ILAEWLTALR.K	14
PHEAT-4175	proteomics_heat	2536697	2536750	-	6	4	R.YLSTGVFGEEHFSQGAGI.-	22
PHEAT-4176	proteomics_heat	2536811	2536864	-	6	2	R.EGIFCGVSSGGAVAGALR.V	22
PHEAT-4177	proteomics_heat	2536901	2536972	-	6	13	R.WPTEYLPGIFNASLVDEVLDIHQR.D	28
PHEAT-4178	proteomics_heat	2536976	2537044	-	6	6	R.EQSKPVTIVGLQPEEGSSIPGIR.R	27
PHEAT-4179	proteomics_heat	2537054	2537110	-	6	6	R.ITHFVSSMGTGTITGVSR.F	23
PHEAT-4180	proteomics_heat	2537071	2537133	-	5	5	K.SGSKPAGASLILSPAAGRPAAL.S	25
PHEAT-4181	proteomics_heat	2537210	2537236	-	6	5	R.DLALEMANR.G	13
PHEAT-4182	proteomics_heat	2537357	2537440	-	6	6	R.GEIKPGDVLIATSGNTGIALAMIAALK.G	32
PHEAT-4183	proteomics_heat	2537357	2537443	-	6	38	K.RGEIKPGDVLIATSGNTGIALAMIAALK.G	33
PHEAT-4184	proteomics_heat	2537477	2537515	-	6	3	K.LEGNNPAGSVKDR.A	17
PHEAT-4185	proteomics_heat	2537483	2537515	-	6	3	K.LEGNNPAGSVK.D	15
PHEAT-4186	proteomics_heat	2537832	2537930	-	4	3	K.GHYTQLVVQPLGWYNEPLTVVMHGDDAPQRGER.L	37
PHEAT-4187	proteomics_heat	2537841	2537930	-	4	2	K.GHYTQLVVQPLGWYNEPLTVVMHGDDAPQR.G	34
PHEAT-4188	proteomics_heat	2537931	2537984	-	4	3	R.RTSLDSPLPVQVLEASPK.G	22
PHEAT-4189	proteomics_heat	2537985	2538062	-	4	5	R.WPLGYTPAYQGPVDLFLRPWEVDISR.R	30
PHEAT-4190	proteomics_heat	2538144	2538218	-	4	2	R.VVMSQGNIEQADAPDQVWREPATR.F	29
PHEAT-4191	proteomics_heat	2538159	2538218	-	4	3	R.VVMSQGNIEQADAPDQVWR.E	24
PHEAT-4192	proteomics_heat	2538321	2538389	-	4	8	R.ALAVEPQIIILLDEPFGALDAQVR.K	27
PHEAT-4193	proteomics_heat	2538411	2538479	-	4	7	K.LLEMVQLAHLADRYPAQLSGGQK.Q	27
PHEAT-4194	proteomics_heat	2538525	2538575	-	4	8	R.HMTVFDNIAFGLTVLPR.R	21
PHEAT-4195	proteomics_heat	2538576	2538611	-	4	2	K.VGFVFAQHYALFR.H	16
PHEAT-4196	proteomics_heat	2538588	2538611	-	4	2	K.VGFVFAQHY.A	12
PHEAT-4197	proteomics_heat	2538633	2538656	-	4	6	R.FHGTDVSR.L	12
PHEAT-4198	proteomics_heat	2538657	2538698	-	4	3	R.IIAGLEHQTSQHIR.F	18
PHEAT-4199	proteomics_heat	2538714	2538794	-	4	5	R.TQVLNDISLDIPSGQMVALLGPSGSGK.T	31
PHEAT-4200	proteomics_heat	2539914	2539973	-	4	3	K.VVLPSPALVAGVALSFTR.S	24
PHEAT-4201	proteomics_heat	2540537	2540590	-	6	3	K.THFTSGGELDKLLAAGR.N.-	22
PHEAT-4202	proteomics_heat	2540558	2540590	-	6	5	K.THFTSGGELDK.L	15
PHEAT-4203	proteomics_heat	2540591	2540629	-	6	2	R.VEDKFGSWPEVMK.T	17
PHEAT-4204	proteomics_heat	2540666	2540692	-	6	4	R.VNNPEVMDK.L	13
PHEAT-4205	proteomics_heat	2540693	2540755	-	6	4	K.AYLNWLYSPQAQTITDYYYYR.V	25
PHEAT-4206	proteomics_heat	2540792	2540833	-	6	3	K.TNILAEFPVAWVDK.N	18
PHEAT-4207	proteomics_heat	2540834	2540875	-	6	3	R.KQYEAQGFVVIPK.T	18
PHEAT-4208	proteomics_heat	2540873	2540926	-	6	19	R.GLGDVLISFESEVNNIRK.Q	22
PHEAT-4209	proteomics_heat	2540876	2540926	-	6	12	R.GLGDVLISFESEVNNIR.K	21
PHEAT-4210	proteomics_heat	2540984	2541013	-	6	2	K.TEQFMTQFLK.N	14
PHEAT-4211	proteomics_heat	2541125	2541154	-	6	4	K.NIHDWNDLVR.S	14
PHEAT-4212	proteomics_heat	2541170	2541220	-	6	5	R.LPNNSSPFYSTMGFLVR.K	21
PHEAT-4213	proteomics_heat	2541254	2541307	-	6	9	K.ADVVTYNQVTDVQILHDK.G	22
PHEAT-4214	proteomics_heat	2541308	2541337	-	6	4	K.QALAILQGLK.A	14

PHEAT-4215	proteomics_heat	2541362	2541391	-	6	5	K.DNGGDKLTIK.Q	14
PHEAT-4216	proteomics_heat	2541392	2541439	-	6	5	R.ELFAALNPPFEQQWAK.D	20
PHEAT-4217	proteomics_heat	2541440	2541475	-	6	4	A.TELLNSSYDVSR.E	16
PHEAT-4218	proteomics_heat	2542514	2542561	-	6	4	R.HGANLILLDISPEIEK.L	20
PHEAT-4219	proteomics_heat	2547683	2547733	-	6	5	R.FTKPVTGGYYFAPSLDK.L	21
PHEAT-4220	proteomics_heat	2547749	2547805	-	6	12	R.LHNIEQQLLSMFGDTDGKR.D	23
PHEAT-4221	proteomics_heat	2547752	2547805	-	6	3	R.LHNIEQQLLSMFGDTDGK.R	22
PHEAT-4222	proteomics_heat	2547890	2547913	-	6	2	R.VDLKEDGK.G	12
PHEAT-4223	proteomics_heat	2547914	2547976	-	6	6	R.TKEANEEIDGDERPETSHLTR.V	25
PHEAT-4224	proteomics_heat	2547977	2548012	-	6	6	R.MSVHDQEMVIGR.T	16
PHEAT-4225	proteomics_heat	2548043	2548084	-	6	5	K.DGVDAGGSYVVFVQR.W	18
PHEAT-4226	proteomics_heat	2548106	2548159	-	6	13	R.DLSGFVDGTENPAGEETR.R	22
PHEAT-4227	proteomics_heat	2548262	2548315	-	6	19	K.GLAPTTQFDVLIHILSLR.H	22
PHEAT-4228	proteomics_heat	2548316	2548372	-	6	3	R.ALSGGVGAEEKDFPGYGK.G	23
PHEAT-4229	proteomics_heat	2548337	2548372	-	6	2	R.ALSGGVGAEEK.D	16
PHEAT-4230	proteomics_heat	2548373	2548426	-	6	6	K.FPDAHLGAVVAFGNNTWR.A	22
PHEAT-4231	proteomics_heat	2548526	2548564	-	6	7	M.SQVQSGILPEHCR.A	17
PHEAT-4232	proteomics_heat	2548738	2548785	-	5	2	K.AEGSQHISYQFSGEWR.G	20
PHEAT-4233	proteomics_heat	2548876	2548920	-	5	3	R.IDVLDS DIPADTGVK.I	19
PHEAT-4234	proteomics_heat	2548921	2548971	-	5	5	K.GDNVAMVINGDQGTISR.I	21
PHEAT-4235	proteomics_heat	2549032	2549118	-	5	3	K.VSEQVGELTASTPLQEQAADALDGDYR.L	33
PHEAT-4236	proteomics_heat	2549762	2549800	-	6	2	R.LGYEHADVLSL GK.R	17
PHEAT-4237	proteomics_heat	2549801	2549854	-	6	2	K.IQINVPEDNDMVLGMYER.L	22
PHEAT-4238	proteomics_heat	2549924	2549962	-	6	3	R.GSAYYLG VHPEFR.G	17
PHEAT-4239	proteomics_heat	2554132	2554221	-	5	3	R.SLYAGAAHGSPSPTAGEVLI MLGGPNPAEVR.A	34
PHEAT-4240	proteomics_heat	2555685	2555753	-	4	2	R.HYDPFIVNTVVGFIGPEYLYNDR.Q	27
PHEAT-4241	proteomics_heat	2556570	2556617	-	4	2	R.SGDVLGVA AASSQER.V	20
PHEAT-4242	proteomics_heat	2570278	2570313	-	5	4	K.AATDAGAAAQR.I	16
PHEAT-4243	proteomics_heat	2570792	2570866	-	6	2	R.RQKSSVSAHQSWWMMASYS LTPPSC.R	29
PHEAT-4244	proteomics_heat	2574123	2574176	-	4	2	R.RIVNMVALAVVEAQTQPL.-	22
PHEAT-4245	proteomics_heat	2574177	2574266	-	4	2	R.VSSSEGTVGPVLMGVAKPVH VLTPIASVR.R	34
PHEAT-4246	proteomics_heat	2574363	2574431	-	4	3	R.ERAPELMIDGEMHGDAALVEAIR.N	27
PHEAT-4247	proteomics_heat	2574459	2574515	-	4	9	R.VALLSHSNFGSSDCPSSSK.M	23
PHEAT-4248	proteomics_heat	2574696	2574761	-	4	3	R.GEADAMICGTVG DYHEHFSVVK.N	26
PHEAT-4249	proteomics_heat	2574762	2574809	-	4	5	R.ALISNPTVIGAIMVQR.G	20
PHEAT-4250	proteomics_heat	2574843	2574881	-	4	5	R.FKEYWTEYFQIMK.R	17
PHEAT-4251	proteomics_heat	2574882	2574926	-	4	5	K.AGVDFEIVN NESDPR.F	19
PHEAT-4252	proteomics_heat	2574954	2575037	-	4	2	R.VLHATQELVTLGLAKPILIGRPNVIEMR.I	32
PHEAT-4253	proteomics_heat	2574969	2575037	-	4	2	R.VLHATQELVTLGLAKPILIGRPN.V	27
PHEAT-4254	proteomics_heat	2574993	2575037	-	4	3	R.VLHATQELVTLGLAK.P	19
PHEAT-4255	proteomics_heat	2575038	2575070	-	4	6	K.RVVLPEGEEAR.V	15
PHEAT-4256	proteomics_heat	2575083	2575121	-	4	7	K.TNLFMKPIFSQAR.K	17
PHEAT-4257	proteomics_heat	2575122	2575205	-	4	20	K.AAMESGVATRPIADFDVYIDKLTEFVYK.T	32
PHEAT-4258	proteomics_heat	2575143	2575205	-	4	5	K.AAMESGVATRPIADFDVYIDK.L	25
PHEAT-4259	proteomics_heat	2575368	2575412	-	4	4	R.GALDVGATAINEEMK.L	19
PHEAT-4260	proteomics_heat	2575467	2575502	-	4	4	K.EVRPDAIICTGR.S	16

PHEAT-4261	proteomics_heat	2575503	2575562	-	4	6	R.APMILALANPEPEILPPLAK.E	24
PHEAT-4262	proteomics_heat	2575572	2575598	-	4	2	K.VLTQEMVKK.M	13
PHEAT-4263	proteomics_heat	2575599	2575655	-	4	6	R.TLDDVIEGADIFLGCSGPK.V	23
PHEAT-4264	proteomics_heat	2575656	2575688	-	4	4	K.AAYAVVDDGKR.T	15
PHEAT-4265	proteomics_heat	2575689	2575733	-	4	2	K.GVIYQGREPNMAETK.A	19
PHEAT-4266	proteomics_heat	2575734	2575760	-	4	10	K.HNIVVCDISK.G	13
PHEAT-4267	proteomics_heat	2575863	2575940	-	4	31	R.MNIPVFHDDQHGTAIISTAAIINGLR.V	30
PHEAT-4268	proteomics_heat	2576118	2576210	-	4	24	R.GNLVAVISNGTAVLGLGNIGALAGKPVMEGK.G	35
PHEAT-4269	proteomics_heat	2576232	2576300	-	4	4	R.DLALAYSPGVAAPCLEIEKDPLK.A	27
PHEAT-4270	proteomics_heat	2576301	2576339	-	4	5	K.IQVSPTKPLATQR.D	17
PHEAT-4271	proteomics_heat	2576340	2576381	-	4	2	K.QSALDFHEFPVPGK.I	18
PHEAT-4272	proteomics_heat	2582093	2582137	-	6	7	N.VVVLGGGDTAMDCVR.T	19
PHEAT-4273	proteomics_heat	2582093	2582137	-	6	7	N.VVVLGGGDTAMDCVR.T	19
PHEAT-4274	proteomics_heat	2582504	2582560	-	6	13	R.VAIIGAGPAGLACADVLTR.N	23
PHEAT-4275	proteomics_heat	2582504	2582560	-	6	13	R.VAIIGAGPAGLACADVLTR.N	23
PHEAT-4276	proteomics_heat	2593968	2594009	-	4	2	R.VVPDSFTHGTSQQR.Y	18
PHEAT-4277	proteomics_heat	2594951	2594995	-	6	21	R.QSLGGLIEAYEAVAR.R	19
PHEAT-4278	proteomics_heat	2594951	2594998	-	6	2	F.RQSLGGLIEAYEAVAR.R	20
PHEAT-4279	proteomics_heat	2595017	2595043	-	6	7	R.LWDKETLEK.M	13
PHEAT-4280	proteomics_heat	2595044	2595088	-	6	12	K.GEVVLGDEFSPDGSR.L	19
PHEAT-4281	proteomics_heat	2595110	2595148	-	6	5	K.LFDDAGLILVDFK.L	17
PHEAT-4282	proteomics_heat	2595110	2595151	-	6	7	K.KLFDDAGLILVDFK.L	18
PHEAT-4283	proteomics_heat	2595170	2595190	-	6	4	R.MKELTYK.A	11
PHEAT-4284	proteomics_heat	2595206	2595271	-	6	17	K.NDAMHDPMVNESYCETFGWVSK.E	26
PHEAT-4285	proteomics_heat	2595272	2595328	-	6	150	R.LGIEEGIELNPPLFDLFLK.N	23
PHEAT-4286	proteomics_heat	2595272	2595331	-	6	30	K.RLGIEEGIELNPPLFDLFLK.N	24
PHEAT-4287	proteomics_heat	2595359	2595394	-	6	11	K.KLDMVPECVVR.N	16
PHEAT-4288	proteomics_heat	2595395	2595424	-	6	2	R.LLSDTECLVK.K	14
PHEAT-4289	proteomics_heat	2595425	2595460	-	6	4	K.LAEAGIPTQMER.L	16
PHEAT-4290	proteomics_heat	2595461	2595484	-	6	3	K.FNYFIMSK.L	12
PHEAT-4291	proteomics_heat	2595554	2595601	-	6	36	K.TVYSTENPDLLVLEFR.N	20
PHEAT-4292	proteomics_heat	2595554	2595625	-	6	7	A.ELYRGKAKTVYSTENPDLLVLEFR.N	28
PHEAT-4293	proteomics_heat	2595856	2595921	-	5	27	K.GHTLTQSQNDALVAVFQAAFSK.-	26
PHEAT-4294	proteomics_heat	2595976	2596074	-	5	2	R.SQGNMAVTYKPLSDSDWQELGASDPGLASGDYK.L	37
PHEAT-4295	proteomics_heat	2596153	2596218	-	5	3	R.ASTTMDVQSAADDTGLPMLVVR.G	26
PHEAT-4296	proteomics_heat	2596219	2596254	-	5	5	K.SATDAANAAQNR.A	16
PHEAT-4297	proteomics_heat	2596255	2596299	-	5	3	R.YSTEMMNVISAGLDK.S	19
PHEAT-4298	proteomics_heat	2596300	2596356	-	5	5	K.LLNLEQAGKPVADAASMQR.Y	23
PHEAT-4299	proteomics_heat	2596357	2596407	-	5	8	R.YQISVKPQGYQQAQVTVK.L	21
PHEAT-4300	proteomics_heat	2596414	2596437	-	5	3	R.LDEDEQYR.G	12
PHEAT-4301	proteomics_heat	2596438	2596485	-	5	4	R.DDAGQTLTTDWVQWNR.L	20
PHEAT-4302	proteomics_heat	2596507	2596551	-	5	5	R.GNTLWPQVSVLQAK.N	19
PHEAT-4303	proteomics_heat	2596600	2596653	-	5	4	K.ALDIRPPAQPLALVSGAR.T	22
PHEAT-4304	proteomics_heat	2596654	2596788	-	5	2	R.QVSGDEAYLEAAPLAELHAPAGMILPVTSGDYAIPVTNMSGAVGK.A	49
PHEAT-4305	proteomics_heat	2596946	2596978	-	6	2	R.LPMTPTITDSGR.E	15
PHEAT-4306	proteomics_heat	2596979	2597011	-	6	2	K.ELGLVATDTRL.L	15

PHEAT-4307	proteomics_heat	2597024	2597056	-	6	3	K.LFVEPNPIPVK.W	15
PHEAT-4308	proteomics_heat	2597093	2597125	-	6	8	K.LAAEGHFAEAR.V	15
PHEAT-4309	proteomics_heat	2597126	2597146	-	6	3	R.DMAQMCK.L	11
PHEAT-4310	proteomics_heat	2597333	2597368	-	6	2	R.TGCDLLPETVGR.L	16
PHEAT-4311	proteomics_heat	2597369	2597422	-	6	9	K.AIAEHTDLPQILYNVPSR.T	22
PHEAT-4312	proteomics_heat	2597423	2597509	-	6	4	R.FNDSGIVGCLTVTPYYNRPSQEGLYQHFK.A	33
PHEAT-4313	proteomics_heat	2597510	2597572	-	6	7	R.IPVIAGTGANATAEAISLTQR.F	25
PHEAT-4314	proteomics_heat	2597735	2597782	-	6	6	P.MFTGSIVAIVTPMDEK.G	20
PHEAT-4315	proteomics_heat	2618271	2618381	-	4	18	K.AHPDVELYASIDQGLNEHGYIIPGLGDAGDKIFGTK.-	41
PHEAT-4316	proteomics_heat	2618286	2618381	-	4	3	K.AHPDVELYASIDQGLNEHGYIIPGLGDAGDK.I	36
PHEAT-4317	proteomics_heat	2618382	2618429	-	4	20	K.VLVLVAAPEGIAALEK.A	20
PHEAT-4318	proteomics_heat	2618451	2618522	-	4	33	R.MALIVDPMLATGGSVIATIDLLK.A	28
PHEAT-4319	proteomics_heat	2618454	2618522	-	4	97	R.MALIVDPMLATGGSVIATIDLLK.K	27
PHEAT-4320	proteomics_heat	2618523	2618546	-	4	6	K.LVSNIDER.M	12
PHEAT-4321	proteomics_heat	2618547	2618585	-	4	10	R.NEETLEPVYFQK.L	17
PHEAT-4322	proteomics_heat	2618610	2618660	-	4	6	R.AGLGMDGVLENVPSAR.I	21
PHEAT-4323	proteomics_heat	2618661	2618687	-	4	3	K.KITVVPILR.A	13
PHEAT-4324	proteomics_heat	2618694	2618741	-	4	10	K.VTIEGWNGPVEIDQIK.G	20
PHEAT-4325	proteomics_heat	2618742	2618807	-	4	12	R.ELASEVGSLLTYEATADLETEK.V	26
PHEAT-4326	proteomics_heat	2618742	2618813	-	4	14	R.FRELADEVGSLLTYEATADLETEK.V	28
PHEAT-4327	proteomics_heat	2628983	2629030	-	6	7	R.VVYDISGKPPATIEWE.-	20
PHEAT-4328	proteomics_heat	2629031	2629060	-	6	2	R.IINEVNGISR.V	14
PHEAT-4329	proteomics_heat	2629073	2629138	-	6	11	R.AVETIDFMTAHWAHLPYDFLGR.V	26
PHEAT-4330	proteomics_heat	2629139	2629165	-	6	5	R.KYDWWVSLR.A	13
PHEAT-4331	proteomics_heat	2629193	2629228	-	6	4	K.VSQAFTVFLPVR.S	16
PHEAT-4332	proteomics_heat	2629193	2629246	-	6	2	K.ADLYDKVSQAFTVFLPVR.S	22
PHEAT-4333	proteomics_heat	2629193	2629249	-	6	6	R.KADLYDKVSQAFTVFLPVR.S	23
PHEAT-4334	proteomics_heat	2629229	2629249	-	6	4	R.KADLYDK.V	11
PHEAT-4335	proteomics_heat	2629247	2629282	-	6	6	R.RADAIFIEELRK.A	16
PHEAT-4336	proteomics_heat	2629250	2629282	-	6	16	R.RADAIFIEELR.K	15
PHEAT-4337	proteomics_heat	2629358	2629399	-	6	4	K.IGLELGLPYDMLYR.H	18
PHEAT-4338	proteomics_heat	2629358	2629402	-	6	3	R.KIGLELGLPYDMLYR.H	19
PHEAT-4339	proteomics_heat	2629400	2629450	-	6	3	K.MGLVEPLKELFKDEVK.I	21
PHEAT-4340	proteomics_heat	2629403	2629450	-	6	8	K.MGLVEPLKELFKDEVK.K	20
PHEAT-4341	proteomics_heat	2629427	2629450	-	6	3	K.MGLVEPLK.E	12
PHEAT-4342	proteomics_heat	2629505	2629567	-	6	7	K.WLAQGTIYPDVIESAASATGK.A	25
PHEAT-4343	proteomics_heat	2629568	2629618	-	6	14	R.VFVEVFDEEALKLEDVK.W	21
PHEAT-4344	proteomics_heat	2629634	2629678	-	6	2	R.FLSALAGENDPEAKR.K	19
PHEAT-4345	proteomics_heat	2629637	2629678	-	6	4	R.FLSALAGENDPEAK.R	18
PHEAT-4346	proteomics_heat	2629679	2629759	-	6	17	R.LNEAEQVLDMFGDHFGLNIVHVPEDR.F	31
PHEAT-4347	proteomics_heat	2629760	2629798	-	6	5	K.NLTCVFVDNGLLR.L	17
PHEAT-4348	proteomics_heat	2629811	2629891	-	6	3	R.EQVGDDKVILGLSGGVDSSVTAMLLHR.A	31
PHEAT-4349	proteomics_heat	2629811	2629897	-	6	41	R.IREQVGDDKVILGLSGGVDSSVTAMLLHR.A	33
PHEAT-4350	proteomics_heat	2629898	2629921	-	6	2	K.IIDDAVAR.I	12
PHEAT-4351	proteomics_heat	2629922	2629960	-	6	8	R.DICQCEALWTPAK.I	17
PHEAT-4352	proteomics_heat	2629994	2630035	-	6	3	R.FYGVQFHPEVTHTR.Q	18

PHEAT-4353	proteomics_heat	2630036	2630107	-	6	2	I.PSDFITVASTESCPFAIMANEEKR.F	28
PHEAT-4354	proteomics_heat	2630036	2630119	-	6	3	K.VTAIPSDFITVASTESCPFAIMANEEKR.F	32
PHEAT-4355	proteomics_heat	2630039	2630119	-	6	6	K.VTAIPSDFITVASTESCPFAIMANEEKR	31
PHEAT-4356	proteomics_heat	2630120	2630188	-	6	5	R.GIEDALTADGKPLLDVWMSHGDK.V	27
PHEAT-4357	proteomics_heat	2630189	2630239	-	6	20	R.EFGYAQVEVVNDSALVR.G	21
PHEAT-4358	proteomics_heat	2630240	2630281	-	6	4	M.AMQLGGHVEASNER.E	18
PHEAT-4359	proteomics_heat	2630240	2630347	-	6	3	R.APQVYFEAGVPVFGVCYGMQTMAMQLGGHVEASNER.E	40
PHEAT-4360	proteomics_heat	2630348	2630416	-	6	12	R.DFNPSGIILSGGPESTTEENSPR.A	27
PHEAT-4361	proteomics_heat	2630483	2630530	-	6	22	R.ILILDGFSQYQLVAR.R	20
PHEAT-4362	proteomics_heat	2630656	2630709	-	5	21	R.ISGAGIQESHVHDVTITK.E	22
PHEAT-4363	proteomics_heat	2630731	2630775	-	5	9	R.SCMGLTGCCTIDELR.T	19
PHEAT-4364	proteomics_heat	2630776	2630808	-	5	5	K.EIIHQMGGLR.S	15
PHEAT-4365	proteomics_heat	2630776	2630814	-	5	4	R.LKEIIHQMGGLR.S	17
PHEAT-4366	proteomics_heat	2630788	2630814	-	5	4	R.LKEIIHQMG.G	13
PHEAT-4367	proteomics_heat	2630833	2630889	-	5	6	R.YFQSDNAADKLVPEGIEGR.V	23
PHEAT-4368	proteomics_heat	2630860	2630889	-	5	5	R.YFQSDNAADK.L	14
PHEAT-4369	proteomics_heat	2630905	2630934	-	5	2	R.GMGSLGAMSK.G	14
PHEAT-4370	proteomics_heat	2630953	2631045	-	5	90	K.ATAAGASAVMVGSMLAGTEESPGEIELYQGR.S	35
PHEAT-4371	proteomics_heat	2631067	2631168	-	5	47	R.IVTGVGVPQITAVADAVEALEGTGIPVIADGGIR.F	38
PHEAT-4372	proteomics_heat	2631169	2631204	-	5	7	K.VGIGPGSICTTR.I	16
PHEAT-4373	proteomics_heat	2631205	2631237	-	5	9	R.ALAEAGCSAVK.V	15
PHEAT-4374	proteomics_heat	2631238	2631291	-	5	7	K.YPDLQIIGGNVATAAGAR.A	22
PHEAT-4375	proteomics_heat	2631238	2631297	-	5	14	R.AKYPDLQIIGGNVATAAGAR.A	24
PHEAT-4376	proteomics_heat	2631313	2631393	-	5	28	R.VDALVAAGVDVLLIDSSHGHSEGLQR.I	31
PHEAT-4377	proteomics_heat	2631313	2631435	-	5	3	R.VGAAVGAGAGNEERV DALVAAGVDVLLIDSSHGHSEGLQR.I	45
PHEAT-4378	proteomics_heat	2631394	2631435	-	5	15	R.VGAAVGAGAGNEER.V	18
PHEAT-4379	proteomics_heat	2631496	2631546	-	5	23	K.ALVVDDEFHLIGMITVK.D	21
PHEAT-4380	proteomics_heat	2631625	2631672	-	5	10	R.FVTDLNQPVSVYMPK.E	20
PHEAT-4381	proteomics_heat	2631682	2631747	-	5	78	R.NGFAGYPVTEENELVGIITGR.D	26
PHEAT-4382	proteomics_heat	2631772	2631828	-	5	11	K.HESGVVTDPPQTVLPTTLR.E	23
PHEAT-4383	proteomics_heat	2631772	2631831	-	5	5	K.KHESGVVTDPPQTVLPTTLR.E	24
PHEAT-4384	proteomics_heat	2631877	2631924	-	5	32	R.LAIALAQEGGIGFIHK.N	20
PHEAT-4385	proteomics_heat	2631925	2631975	-	5	19	R.LNIPMLSAAMDTVTEAR.L	21
PHEAT-4386	proteomics_heat	2631985	2632074	-	5	49	K.EALTFDDVLLVPAHSTVLPNTADLSTQLTK.T	34
PHEAT-4387	proteomics_heat	2633702	2633743	-	6	2	K.ALCPDCHQPLQVLK.A	18
PHEAT-4388	proteomics_heat	2633975	2634004	-	6	2	K.EGENPYANKR.N	14
PHEAT-4389	proteomics_heat	2634095	2634154	-	6	4	K.YAHAGGYNPPIVVIHGNQVK.D	24
PHEAT-4390	proteomics_heat	2634176	2634220	-	6	3	R.IMTMAVEDHQPLVR.G	19
PHEAT-4391	proteomics_heat	2634272	2634331	-	6	3	R.VHFISALHGSGVGNLFESVR.E	24
PHEAT-4392	proteomics_heat	2634413	2634436	-	6	2	R.SLVIVVNK.W	12
PHEAT-4393	proteomics_heat	2634437	2634493	-	6	17	R.EGISDQDLSLLGFILNSGR.S	23
PHEAT-4394	proteomics_heat	2634494	2634547	-	6	5	K.TLQAIEDANVVMMLVIDAR.E	22
PHEAT-4395	proteomics_heat	2634563	2634589	-	6	2	R.GKITDAVEK.F	13
PHEAT-4396	proteomics_heat	2634665	2634697	-	6	2	R.VVYDMPGTTR.D	15
PHEAT-4397	proteomics_heat	2634932	2635021	-	6	29	K.TDGLDPDQAVVDFYSLGLGEIYPIAASHGR.G	34
PHEAT-4398	proteomics_heat	2635169	2635228	-	6	4	R.EFICIDTGGIDGTEDGVETR.M	24



PHEAT-4399	proteomics_heat	2635334	2635378	-	6	5	N.MVPVVALVGRPNVGK.S	19
PHEAT-4400	proteomics_heat	2635499	2635525	-	6	8	K.DGTVYSITR.-	13
PHEAT-4401	proteomics_heat	2635544	2635591	-	6	13	K.VDSSGFQTEPVAADGK.L	20
PHEAT-4402	proteomics_heat	2635763	2635789	-	6	2	R.IYLVQDNR.V	13
PHEAT-4403	proteomics_heat	2635790	2635831	-	6	5	R.ELGSVNDFIVDGNR.I	18
PHEAT-4404	proteomics_heat	2635790	2635834	-	6	2	K.RELGSVNDFIVDGNR.I	19
PHEAT-4405	proteomics_heat	2635856	2635945	-	6	36	R.LSDVDTPVVVNGVVFALAYNGNLTALDLR.S	34
PHEAT-4406	proteomics_heat	2635946	2635981	-	6	5	R.ISQATGSTEIDR.L	16
PHEAT-4407	proteomics_heat	2635982	2636029	-	6	4	R.VSAVLMEQGMWQQR.I	20
PHEAT-4408	proteomics_heat	2636030	2636089	-	6	2	R.GESAPTTAFGAADVGGDNGR.V	24
PHEAT-4409	proteomics_heat	2636129	2636212	-	6	3	R.PVVSDGLVLIHTSNGQLQALNEADGAVK.W	32
PHEAT-4410	proteomics_heat	2636237	2636290	-	6	5	K.AQVYALNTSDGTVAWQTK.V	22
PHEAT-4411	proteomics_heat	2636291	2636356	-	6	2	K.EPALLSGGVTVSGGHVYIGSEK.A	26
PHEAT-4412	proteomics_heat	2636291	2636374	-	6	4	K.DGWFSKEPALLSGGVTVSGGHVYIGSEK.A	32
PHEAT-4413	proteomics_heat	2636375	2636428	-	6	7	K.ALNADDGKEIWSVSLAEK.D	22
PHEAT-4414	proteomics_heat	2636748	2636771	-	4	2	R.SAWEAGVK.S	12
PHEAT-4415	proteomics_heat	2636934	2636987	-	4	12	K.AAAQLQQGLADTSDENLK.A	22
PHEAT-4416	proteomics_heat	2636988	2637056	-	4	9	K.NTYGALASLELAQQFVDKNELEK.A	27
PHEAT-4417	proteomics_heat	2637075	2637152	-	4	10	R.SASLAYQNAVTAVSEGPKDSIPAAEK.F	30
PHEAT-4418	proteomics_heat	2637258	2637299	-	4	2	E.IYENENDQVEAVKR.F	18
PHEAT-4419	proteomics_heat	2637338	2637388	-	6	8	R.SGEQTAVAQDSVAHLR.T	21
PHEAT-4420	proteomics_heat	2637344	2637388	-	6	3	R.SGEQTAVAQDSVAHL.L	19
PHEAT-4421	proteomics_heat	2637398	2637451	-	6	3	R.VAVVLGESEVANGTAVVK.D	22
PHEAT-4422	proteomics_heat	2637488	2637520	-	6	2	K.LMTNHGGGNFK.K	15
PHEAT-4423	proteomics_heat	2637521	2637547	-	6	2	R.LRDELPGVK.L	13
PHEAT-4424	proteomics_heat	2637548	2637625	-	6	4	K.ADPVVDIYLVASGADTQSAAMALAER.L	30
PHEAT-4425	proteomics_heat	2637626	2637664	-	6	2	R.LVLLVQAVNPEFK.A	17
PHEAT-4426	proteomics_heat	2637665	2637703	-	6	3	R.ATPAVGFAMGLER.L	17
PHEAT-4427	proteomics_heat	2637704	2637736	-	6	2	R.YDGLVEQLGGR.A	15
PHEAT-4428	proteomics_heat	2637872	2637895	-	6	5	R.EHFAGLCK.L	12
PHEAT-4429	proteomics_heat	2637896	2637964	-	6	2	K.NPEVQALLNDAPALGDYLDEESR.E	27
PHEAT-4430	proteomics_heat	2638025	2638063	-	6	6	R.DALVAFLEQHKEK.L	17
PHEAT-4431	proteomics_heat	2638031	2638063	-	6	2	R.DALVAFLEQHK.E	15
PHEAT-4432	proteomics_heat	2638286	2638327	-	6	13	R.AGIEHGLLYNQEQR.L	18
PHEAT-4433	proteomics_heat	2638328	2638378	-	6	6	R.NGDSLTLRPEGTAGCVR.A	21
PHEAT-4434	proteomics_heat	2638403	2638435	-	6	4	R.AIGEVTDVVEK.E	15
PHEAT-4435	proteomics_heat	2638403	2638438	-	6	2	K.RAIGEVTDVVEK.E	16
PHEAT-4436	proteomics_heat	2638439	2638471	-	6	4	R.LPIVEQTPLFK.R	15
PHEAT-4437	proteomics_heat	2638439	2638507	-	6	3	K.NVLGSYGYSEIRLPIVEQTPLFK.R	27
PHEAT-4438	proteomics_heat	2638472	2638507	-	6	4	K.NVLGSYGYSEIR.L	16
PHEAT-4439	proteomics_heat	2638526	2638570	-	6	3	R.GMNDYLPGETAIWQR.I	19
PHEAT-4440	proteomics_heat	2638711	2638737	-	5	2	R.RIDVQQVEK.-	13
PHEAT-4441	proteomics_heat	2638774	2638812	-	5	4	R.LDNNDMIDQLEAR.I	17
PHEAT-4442	proteomics_heat	2638849	2638956	-	5	22	R.LEDIITPMDVSIIGCVVNGPGEALVSTLGVTGGNKK.S	40
PHEAT-4443	proteomics_heat	2638957	2639001	-	5	2	R.QEFDVIGTVNALEQR.L	19
PHEAT-4444	proteomics_heat	2639059	2639115	-	5	2	R.VSLAADPVVEIKVGFILK.S	23

PHEAT-4445	proteomics_heat	2639080	2639115	-	5	2	R.VSLAADPVEEIK.V	16
PHEAT-4446	proteomics_heat	2639116	2639169	-	5	29	K.SAIGLGLLLSEGIGDTLR.V	22
PHEAT-4447	proteomics_heat	2639185	2639235	-	5	7	K.QIDQPLHLGITEAGGAR.S	21
PHEAT-4448	proteomics_heat	2639338	2639382	-	5	2	K.YGEPTPQALLESAMR.H	19
PHEAT-4449	proteomics_heat	2639428	2639451	-	5	2	A.RDKNIPIR.I	12
PHEAT-4450	proteomics_heat	2639551	2639598	-	5	5	K.QQVNVPLVADIHFYR.I	20
PHEAT-4451	proteomics_heat	2639680	2639715	-	5	3	R.TTDVEATVNQIK.A	16
PHEAT-4452	proteomics_heat	2639716	2639784	-	5	4	R.IYVGNVPIGDGAPIAVQSMTNTR.T	27
PHEAT-4453	proteomics_heat	2639916	2639975	-	4	2	K.IGAPAAVQIQYQGKPVDSLR.F	24
PHEAT-4454	proteomics_heat	2639982	2640020	-	4	5	K.DGNLNLTGQAPYK.L	17
PHEAT-4455	proteomics_heat	2639982	2640023	-	4	2	R.KDGNLNLTGQAPYK.L	18
PHEAT-4456	proteomics_heat	2640612	2640656	-	4	2	R.LVHIPEEELLPGLEK.Q	19
PHEAT-4457	proteomics_heat	2640681	2640731	-	4	3	R.DIEEDKAPADLASTFLR.G	21
PHEAT-4458	proteomics_heat	2640759	2640797	-	4	2	R.EQLGLSQQAVAER.L	17
PHEAT-4459	proteomics_heat	2640813	2640863	-	4	2	M.NTEATHDQNEALTTGAR.L	21
PHEAT-4460	proteomics_heat	2640813	2640866	-	4	5	R.MNTEATHDQNEALTTGAR.L	22
PHEAT-4461	proteomics_heat	2641343	2641390	-	6	2	K.INLIPWNPFPGAPYGR.S	20
PHEAT-4462	proteomics_heat	2641406	2641483	-	6	11	R.VTIEYVMLDHSVNDGTEHAHQLAELLK.D	30
PHEAT-4463	proteomics_heat	2641691	2641753	-	6	2	N.LNNVVPAMEIMLDDFGFGLSK.R	25
PHEAT-4464	proteomics_heat	2642464	2642505	-	5	30	R.EIAYFFGEGEVCP.R	18
PHEAT-4465	proteomics_heat	2642506	2642574	-	5	13	R.ADYADSLTENGTHGSDSVESAAR.E	27
PHEAT-4466	proteomics_heat	2642575	2642625	-	5	16	R.DLLGATNPANALAGTLR.A	21
PHEAT-4467	proteomics_heat	2642575	2642631	-	5	4	R.HRDLLGATNPANALAGTLR.A	23
PHEAT-4468	proteomics_heat	2642632	2642742	-	5	25	R.GFYAEHDGKPPFDGLVEFMTSGPIVSVLEGENAVQR.H	41
PHEAT-4469	proteomics_heat	2642689	2642742	-	5	2	R.GFYAEHDGKPPFDGLVEF.M	22
PHEAT-4470	proteomics_heat	2642743	2642772	-	5	21	K.MLHLTVEQAR.G	14
PHEAT-4471	proteomics_heat	2642788	2642808	-	5	3	R.FEAAGFK.I	11
PHEAT-4472	proteomics_heat	2642809	2642835	-	5	4	K.NVIGNIFAR.F	13
PHEAT-4473	proteomics_heat	2642836	2642871	-	5	11	R.TFSIIKPNVAVAK.N	16
PHEAT-4474	proteomics_heat	2645783	2645848	-	6	2	R.MDASGYPQSAPLPANNVLQIER.H	26
PHEAT-4475	proteomics_heat	2647805	2647849	-	6	2	R.HDLYLSTLVVRPGDK.S	19
PHEAT-4476	proteomics_heat	2648807	2648872	-	6	2	V.EDFMPERMALNLTGEKTPLTPK.D	26
PHEAT-4477	proteomics_heat	2649152	2649208	-	6	2	K.LPALDLAEFNIAGAPGYSK.Q	23
PHEAT-4478	proteomics_heat	2649329	2649415	-	6	2	R.YHNRLDIFTQSLENGAAQQGIEVSLLEK.G	33
PHEAT-4479	proteomics_heat	2649479	2649556	-	6	2	K.LLLPLGDIKPLQQAGVYLAVMNQAGR.Y	30
PHEAT-4480	proteomics_heat	2649707	2649769	-	6	2	K.VVEGLPVMALNVNNVDVNFRR.V	25
PHEAT-4481	proteomics_heat	2652914	2652952	-	6	2	M.SETKNELEDLLEK.A	17
PHEAT-4482	proteomics_heat	2653124	2653171	-	6	2	K.APVEQWSAGATGLGVR.T	20
PHEAT-4483	proteomics_heat	2653124	2653174	-	6	7	R.KAPVEQWSAGATGLGVR.T	21
PHEAT-4484	proteomics_heat	2653325	2653348	-	6	2	R.LPLAEFHR.S	12
PHEAT-4485	proteomics_heat	2653349	2653390	-	6	3	R.LLASAAQENEPFWR.L	18
PHEAT-4486	proteomics_heat	2653391	2653450	-	6	5	K.TALGNDYHALFSFDDALAGR.L	24
PHEAT-4487	proteomics_heat	2653451	2653537	-	6	15	R.LVLADGLIDASAQKPEMIIDAATLTGAAK.T	33
PHEAT-4488	proteomics_heat	2653538	2653573	-	6	3	K.KVEVMNTDAEGR.L	16
PHEAT-4489	proteomics_heat	2653607	2653654	-	6	4	K.LFLCCADNLISGNAFK.L	20
PHEAT-4490	proteomics_heat	2653760	2653795	-	6	2	K.GITFDSGGYSIK.Q	16

PHEAT-4491	proteomics_heat	2653796	2653873	-	6	5	R.SPVLLALDYNPTGDKEAPVYACLVGK.G	30
PHEAT-4492	proteomics_heat	2653886	2653921	-	6	4	R.EQGYMGLHTVGR.G	16
PHEAT-4493	proteomics_heat	2653886	2653936	-	6	3	K.GEDLREQGYMGLHTVGR.G	21
PHEAT-4494	proteomics_heat	2653958	2653993	-	6	3	R.AVDLISNVAGDR.V	16
PHEAT-4495	proteomics_heat	2653994	2654047	-	6	12	R.DTINAPAEELGPSQLAQR.A	22
PHEAT-4496	proteomics_heat	2654171	2654209	-	6	9	K.HVQLSGEGWDADR.C	17
PHEAT-4497	proteomics_heat	2654210	2654233	-	6	4	R.KIDGLGIK.H	12
PHEAT-4498	proteomics_heat	2654243	2654317	-	6	5	K.ATYSINNDGITLHLNGADDLGLIQR.A	29
PHEAT-4499	proteomics_heat	2654330	2654362	-	6	3	K.ITLSTQPADAR.W	15
PHEAT-4500	proteomics_heat	2654603	2654674	-	6	6	R.FTDMHQWICDLEDFDDDPQASNEK.I	28
PHEAT-4501	proteomics_heat	2654684	2654731	-	6	3	R.EIGEALYDAYPDLDPK.T	20
PHEAT-4502	proteomics_heat	2654800	2654835	-	5	4	R.VTDEDLVVEIPR.Y	16
PHEAT-4503	proteomics_heat	2654854	2654937	-	5	2	R.EGFDSLPESESEQEDDMLDKAWGLEPESR.L	32
PHEAT-4504	proteomics_heat	2654881	2654937	-	5	5	R.EGFDSLPESESEQEDDMLDK.A	23
PHEAT-4505	proteomics_heat	2654938	2654973	-	5	6	K.SCACTTCHCIVR.E	16
PHEAT-4506	proteomics_heat	2654974	2655006	-	5	8	R.NGIEIEHACEK.S	15
PHEAT-4507	proteomics_heat	2655007	2655096	-	5	7	K.IVILPHQDLCPDGAVLEANSGETILDAALR.N	34
PHEAT-4508	proteomics_heat	2655164	2655199	-	6	2	K.NVDKQTQDFAAR.R	16
PHEAT-4509	proteomics_heat	2655200	2655280	-	6	4	R.QVIDDAAAHLSEVAQGDDVDAIEQAIK.N	31
PHEAT-4510	proteomics_heat	2655281	2655343	-	6	5	R.VLES LHGALAADAALLSAAER.Q	25
PHEAT-4511	proteomics_heat	2655383	2655415	-	6	8	K.DSMSYAEQDVK.A	15
PHEAT-4512	proteomics_heat	2655416	2655493	-	6	3	K.STGVEASIQVKPSYGLTDSEIASMIK.D	30
PHEAT-4513	proteomics_heat	2655494	2655547	-	6	16	R.VTFQVDADGLLSVTAMEK.S	22
PHEAT-4514	proteomics_heat	2655632	2655676	-	6	3	K.DGQTAMSIHVMQGER.E	19
PHEAT-4515	proteomics_heat	2655632	2655700	-	6	2	R.AQDFTTFKDGQTAMSIHVMQGER.E	27
PHEAT-4516	proteomics_heat	2656031	2656066	-	6	2	R.EQFNELIAPLVK.R	16
PHEAT-4517	proteomics_heat	2656208	2656291	-	6	5	R.GVFEVLATGGDSALGGDDFDHLLADYIR.E	32
PHEAT-4518	proteomics_heat	2656463	2656537	-	6	3	R.ATEALAGELDGVVITVPAYFDDAQR.Q	29
PHEAT-4519	proteomics_heat	2656574	2656660	-	6	6	R.YPHLPYQFQASENGLPMIETAAGLLNPVR.V	33
PHEAT-4520	proteomics_heat	2656661	2656684	-	6	2	R.SLADIQQR.Y	12
PHEAT-4521	proteomics_heat	2656697	2656744	-	6	5	R.TNAALDTANTISSVKR.L	20
PHEAT-4522	proteomics_heat	2656700	2656744	-	6	2	R.TNAALDTANTISSVK.R	19
PHEAT-4523	proteomics_heat	2656766	2656807	-	6	2	R.HLLPSVVHYQQQGH.S	18
PHEAT-4524	proteomics_heat	2656808	2656846	-	6	4	R.SGQAETLADHEGR.H	17
PHEAT-4525	proteomics_heat	2656904	2656954	-	6	5	M.ALLQISEPGLSAAPHQR.R	21
PHEAT-4526	proteomics_heat	2657151	2657228	-	4	2	R.DTAFLEQLELREELDEIEQAKDEAR.L	30
PHEAT-4527	proteomics_heat	2657229	2657288	-	4	3	R.AEYLLSLHGFDLASEQHTVR.D	24
PHEAT-4528	proteomics_heat	2657588	2657641	-	6	3	K.FTNPNVKDEC CGESFHV.-	22
PHEAT-4529	proteomics_heat	2657666	2657707	-	6	2	K.SLQFLDGTQLDFVK.E	18
PHEAT-4530	proteomics_heat	2657735	2657815	-	6	3	R.TSGCSGMAYVLEFVDEPTPEDIVFEDK.G	31
PHEAT-4531	proteomics_heat	2657967	2658002	-	4	13	K.IHCSILAEDAIAK.A	16
PHEAT-4532	proteomics_heat	2658003	2658044	-	4	4	K.NTDIAEELELPPVK.I	18
PHEAT-4533	proteomics_heat	2658045	2658071	-	4	5	K.SLDEAQAIAK.N	13
PHEAT-4534	proteomics_heat	2658078	2658134	-	4	15	K.TYGC GSAIASSSLVTEWVK.G	23
PHEAT-4535	proteomics_heat	2658141	2658173	-	4	6	K.VNDEGIIEDAR.F	15
PHEAT-4536	proteomics_heat	2658186	2658266	-	4	12	R.NVG SFDNNDENVSGMVGAPACGDV MK.L	31

PHEAT-4537	proteomics_heat	2658267	2658293	-	4	10	K.VIDHYENPR.N	13
PHEAT-4538	proteomics_heat	2658342	2658380	-	4	2	K.QGVDLNSIEWAHH.-	17
PHEAT-4539	proteomics_heat	2658381	2658410	-	4	5	R.DLSPLWEMYK.Q	14
PHEAT-4540	proteomics_heat	2658381	2658416	-	4	5	R.LRDLSPWEMYK.Q	16
PHEAT-4541	proteomics_heat	2658429	2658476	-	4	2	R.FTTEEEIDYTIELVRK.S	20
PHEAT-4542	proteomics_heat	2658432	2658476	-	4	43	R.FTTEEEIDYTIELVR.K	19
PHEAT-4543	proteomics_heat	2658492	2658533	-	4	10	R.ALGLNDELAHSSIR.F	18
PHEAT-4544	proteomics_heat	2658534	2658599	-	4	20	K.DLAVSSSGSACTSASLEPSYVLR.A	26
PHEAT-4545	proteomics_heat	2658747	2658782	-	4	12	R.IAKEEMATEMER.L	16
PHEAT-4546	proteomics_heat	2658783	2658833	-	4	13	R.SGTLPVHQIVGMGEAYR.I	21
PHEAT-4547	proteomics_heat	2658843	2658878	-	4	6	R.IEAQMHHGGGHER.G	16
PHEAT-4548	proteomics_heat	2658897	2658920	-	4	3	K.GIGALYVR.R	12
PHEAT-4549	proteomics_heat	2658966	2658992	-	4	5	K.LPIDLSQLK.V	13
PHEAT-4550	proteomics_heat	2658966	2659034	-	4	16	R.GIIYHVDATQSVGKLPIDLSQLK.V	27
PHEAT-4551	proteomics_heat	2658993	2659034	-	4	17	R.GIIYHVDATQSVGK.L	18
PHEAT-4552	proteomics_heat	2659170	2659205	-	4	3	R.EGFEVTYLAPQR.N	16
PHEAT-4553	proteomics_heat	2659278	2659301	-	4	3	K.GAANFYQK.K	12
PHEAT-4554	proteomics_heat	2659302	2659352	-	4	31	R.EIVFTSGATESDNLAIK.G	21
PHEAT-4555	proteomics_heat	2659353	2659388	-	4	3	R.NQIADLVGADPR.E	16
PHEAT-4556	proteomics_heat	2659389	2659427	-	4	6	R.FGWQAEAAVDIAR.N	17
PHEAT-4557	proteomics_heat	2659437	2659487	-	4	16	K.MMQFMTMDGTFGNPASR.S	21
PHEAT-4558	proteomics_heat	2659500	2659547	-	4	8	K.LPIYLDYSATTPVDPR.V	20
PHEAT-4559	proteomics_heat	2659500	2659553	-	4	6	A.MKLPYLDYSATTPVDPR.V	22
PHEAT-4560	proteomics_heat	2659631	2659678	-	6	3	L.SYALNKKNSESGRSAK.Y	20
PHEAT-4561	proteomics_heat	2659731	2659805	-	4	5	R.LTGFLNNITLGELVNNQEVLDVSGR.Q	29
PHEAT-4562	proteomics_heat	2659881	2659946	-	4	62	K.DASSIAVGEVISAVDESVDATR.C	26
PHEAT-4563	proteomics_heat	2659947	2659976	-	4	2	R.GPGGGYLLGK.D	14
PHEAT-4564	proteomics_heat	2660010	2660051	-	4	4	R.QGISLSYLEQLFSR.L	18
PHEAT-4565	proteomics_heat	2660052	2660129	-	4	5	R.YAVTAMLDVALNSEAGVPLADISER.Q	30
PHEAT-4566	proteomics_heat	2660623	2660655	-	5	2	R.GILASIEQQNK.G	15
PHEAT-4567	proteomics_heat	2660656	2660691	-	5	5	R.ARPESQELNLR.G	16
PHEAT-4568	proteomics_heat	2660713	2660742	-	5	8	R.ENHPGQVMNK.L	14
PHEAT-4569	proteomics_heat	2660743	2660790	-	5	9	R.FYGHLEQTLLATGFIR.E	20
PHEAT-4570	proteomics_heat	2661001	2661048	-	5	2	K.SVAEAANTPVALVFR.E	20
PHEAT-4571	proteomics_heat	2661277	2661327	-	5	4	R.IVLVETSHTGNMGSVAR.A	21
PHEAT-4572	proteomics_heat	2682327	2682380	-	4	2	A.GWMCDVLDSINDEAVIER.I	22
PHEAT-4573	proteomics_heat	2682327	2682389	-	4	128	K.ELAGWMCVLDVINDEAVIER.I	25
PHEAT-4574	proteomics_heat	2682441	2682467	-	4	19	K.SPFVTSGIR.V	13
PHEAT-4575	proteomics_heat	2682537	2682605	-	4	41	K.VVSGGTDNHLFLVDLVDKNLTGK.E	27
PHEAT-4576	proteomics_heat	2682537	2682635	-	4	2	M.VEVFLERGYKVVSGGTDNHLFLVDLVDKNLTGK.E	37
PHEAT-4577	proteomics_heat	2682552	2682605	-	4	31	K.VVSGGTDNHLFLVDLVDK.N	22
PHEAT-4578	proteomics_heat	2682615	2682641	-	4	10	K.AMVEVFLER.G	13
PHEAT-4579	proteomics_heat	2682651	2682674	-	4	6	K.TYQQQVAK.N	12
PHEAT-4580	proteomics_heat	2682675	2682713	-	4	2	K.AVALKEAMEPEFK.T	17
PHEAT-4581	proteomics_heat	2682714	2682776	-	4	15	K.LNSAVFPGGQGGPLMHVIAGK.A	25
PHEAT-4582	proteomics_heat	2682714	2682779	-	4	10	K.KLNSAVFPGGQGGPLMHVIAGK.A	26

PHEAT-4583	proteomics_heat	2682729	2682776	-	4	2	K.LNSAVFPGGQGGPLMH.V	20
PHEAT-4584	proteomics_heat	2682729	2682779	-	4	5	K.KLNSAVFPGGQGGPLMH.V	21
PHEAT-4585	proteomics_heat	2682732	2682779	-	4	6	K.KLNSAVFPGGQGGPLM.H	20
PHEAT-4586	proteomics_heat	2682735	2682779	-	4	2	K.KLNSAVFPGGQGGPL.M	19
PHEAT-4587	proteomics_heat	2682777	2682803	-	4	4	K.GGSEELYKK.L	13
PHEAT-4588	proteomics_heat	2682843	2682920	-	4	3	H.VAGLVAAGVYPNPVPHAHVVTTTTHK.T	30
PHEAT-4589	proteomics_heat	2682975	2682995	-	4	2	S.GVVDWAK.M	11
PHEAT-4590	proteomics_heat	2682975	2683007	-	4	2	F.SAYSGVVDWAK.M	15
PHEAT-4591	proteomics_heat	2682975	2683025	-	4	420	K.MIIGGFSAYSGVVDWAK.M	21
PHEAT-4592	proteomics_heat	2683050	2683094	-	4	7	Y.GIDATGHIDYADLEK.Q	19
PHEAT-4593	proteomics_heat	2683050	2683115	-	4	23	K.LYNIVPYGIDATGHIDYADLEK.Q	26
PHEAT-4594	proteomics_heat	2683116	2683160	-	4	2	H.GGHLTHGSPVNFSGK.L	19
PHEAT-4595	proteomics_heat	2683116	2683208	-	4	2	T.ALLEPGDTVLGMNLAHGGHLTHGSPVNFSGK.L	35
PHEAT-4596	proteomics_heat	2683116	2683223	-	4	8	N.FAVYTALLEPGDTVLGMNLAHGGHLTHGSPVNFSGK.L	40
PHEAT-4597	proteomics_heat	2683116	2683241	-	4	9	H.SGSQANFAVYTALLEPGDTVLGMNLAHGGHLTHGSPVNFSGK.L	46
PHEAT-4598	proteomics_heat	2683224	2683280	-	4	2	K.ELFGADYANVQPHSGSQAN.F	23
PHEAT-4599	proteomics_heat	2683242	2683280	-	4	3	K.ELFGADYANVQPH.S	17
PHEAT-4600	proteomics_heat	2683242	2683286	-	4	4	R.AKELFGADYANVQPH.S	19
PHEAT-4601	proteomics_heat	2683287	2683340	-	4	555	R.YYGGCEYVDIVEQLAIDR.A	22
PHEAT-4602	proteomics_heat	2683341	2683367	-	4	11	K.YAEGYPGKR.Y	13
PHEAT-4603	proteomics_heat	2683344	2683367	-	4	5	K.YAEGYPGK.R	12
PHEAT-4604	proteomics_heat	2683368	2683403	-	4	23	R.VMQAQGSQLTNK.Y	16
PHEAT-4605	proteomics_heat	2683404	2683454	-	4	21	R.QEEHIELIASENYTSR.V	21
PHEAT-4606	proteomics_heat	2683404	2683460	-	4	295	K.VRQEEHIELIASENYTSR.V	23
PHEAT-4607	proteomics_heat	2683461	2683517	-	4	13	R.EMNIADYDAELWQAMEQEK.V	23
PHEAT-4608	proteomics_heat	2685194	2685250	-	6	4	K.IEIVPDDIVDTCVDTIIR.T	23
PHEAT-4609	proteomics_heat	2685395	2685424	-	6	2	K.KIDAIKPKF.L	14
PHEAT-4610	proteomics_heat	2686196	2686276	-	6	4	R.NSKPFIAINCGALPEQLLESELFGHAR.G	31
PHEAT-4611	proteomics_heat	2686818	2686904	-	4	3	R.KPAGNFSPDTPHESEKPAPSTHEVTPDEP.-	33
PHEAT-4612	proteomics_heat	2687277	2687333	-	4	2	K.STETNPLYWLRAMDCADRL.M	23
PHEAT-4613	proteomics_heat	2689711	2689767	-	5	2	R.TVSNSWHPENWGEDGPWMR.I	23
PHEAT-4614	proteomics_heat	2689777	2689806	-	5	3	R.VTIMMPHPER.V	14
PHEAT-4615	proteomics_heat	2689807	2689881	-	5	21	K.VTETYPANPNGSPNGITAVTTESGR.V	29
PHEAT-4616	proteomics_heat	2689807	2689914	-	5	4	L.VALRYVDNFGKVTETYPANPNGSPNGITAVTTESGR.V	40
PHEAT-4617	proteomics_heat	2689882	2689902	-	5	2	R.YVDNFGK.V	11
PHEAT-4618	proteomics_heat	2689921	2689953	-	5	5	R.DAAHLAALESK.G	15
PHEAT-4619	proteomics_heat	2689966	2690061	-	5	4	R.FSLVEVTQSPSLLLQGMVGSQMPIAVSHGEGR.V	36
PHEAT-4620	proteomics_heat	2690149	2690220	-	5	3	R.VRDEFATFFHRPQTLALGVCNGCQ.M	28
PHEAT-4621	proteomics_heat	2690242	2690328	-	5	4	R.TGLEDHFHALVACGGFSYGDVVGAGEGWAK.S	33
PHEAT-4622	proteomics_heat	2690329	2690379	-	5	15	R.AGFDAIDVHMSDLLTGR.T	21
PHEAT-4623	proteomics_heat	2690380	2690427	-	5	7	R.EQGVNSHVEMAAAFHR.A	20
PHEAT-4624	proteomics_heat	2690443	2690505	-	5	7	K.LSFDINEDVAAPYIATGARPK.V	25
PHEAT-4625	proteomics_heat	2690449	2690505	-	5	5	K.LSFDINEDVAAPYIATGAR.P	23
PHEAT-4626	proteomics_heat	2690506	2690538	-	5	3	K.SNDADPGLNVK.L	15
PHEAT-4627	proteomics_heat	2690539	2690583	-	5	11	R.LRDNPECADQEHQAK.S	19
PHEAT-4628	proteomics_heat	2690584	2690619	-	5	4	R.VVWAETTWMQQR.L	16

PHEAT-4629	proteomics_heat	2690677	2690757	-	5	4	R.EAVESVLAQHGLADCVHYVGQAVSGDR.F	31
PHEAT-4630	proteomics_heat	2690677	2690769	-	5	2	R.AADREAVESVLAQHGLADCVHYVGQAVSGDR.F	35
PHEAT-4631	proteomics_heat	2690770	2690817	-	5	42	R.LAALFNEELGAVIQVR.A	20
PHEAT-4632	proteomics_heat	2690818	2690910	-	5	29	R.SDGGLLVTLAEMAFAGHCGIDADIATLGDDR.L	35
PHEAT-4633	proteomics_heat	2690935	2690973	-	5	4	K.GFYDAIQALVAQR.K	17
PHEAT-4634	proteomics_heat	2691022	2691066	-	5	5	K.GNNALGATALAQVYR.Q	19
PHEAT-4635	proteomics_heat	2691067	2691129	-	5	12	R.HTITPQLSTEDNALLLIDLK.G	25
PHEAT-4636	proteomics_heat	2691145	2691189	-	5	22	R.EMTSPLSLVISAFAR.V	19
PHEAT-4637	proteomics_heat	2691238	2691291	-	5	9	K.AVGEELCPALGLTIPVGK.D	22
PHEAT-4638	proteomics_heat	2691292	2691360	-	5	2	K.LSANWMAAAGHPGEDAGLYEAVK.A	27
PHEAT-4639	proteomics_heat	2691367	2691426	-	5	7	R.LAVGEALTNIAATQIGDIK.R	24
PHEAT-4640	proteomics_heat	2691370	2691426	-	5	5	R.LAVGEALTNIAATQIGDIK.R	23
PHEAT-4641	proteomics_heat	2691370	2691429	-	5	2	A.RLAVGEALTNIAATQIGDIK.R	24
PHEAT-4642	proteomics_heat	2691427	2691465	-	5	4	R.APVALLDFAASAR.L	17
PHEAT-4643	proteomics_heat	2691592	2691618	-	5	2	K.TFLVTIGDR.S	13
PHEAT-4644	proteomics_heat	2691649	2691681	-	5	2	R.EGITIADAVKR.V	15
PHEAT-4645	proteomics_heat	2691742	2691792	-	5	14	R.HFDNQPIDLPLDVLLGK.T	21
PHEAT-4646	proteomics_heat	2691793	2691858	-	5	10	R.ERAPYAVIGEATEELHLSLHDR.H	26
PHEAT-4647	proteomics_heat	2691862	2691915	-	5	7	R.YVLAVAADQLPLFDELCK.R	22
PHEAT-4648	proteomics_heat	2691916	2691981	-	5	6	R.EILSDEPGMSPLEIWCNESQER.Y	26
PHEAT-4649	proteomics_heat	2692003	2692104	-	5	3	R.CWQLGDANPILFIHDVVGAGGLSNAMPELVSDGGR.G	38
PHEAT-4650	proteomics_heat	2692105	2692125	-	5	2	R.CQEVIDR.C	11
PHEAT-4651	proteomics_heat	2692105	2692128	-	5	2	R.RCQEVIDR.C	12
PHEAT-4652	proteomics_heat	2692150	2692260	-	5	4	K.LVVLGPPAMNIGLGGGAASSMASGQSDADLDFASVQR.D	41
PHEAT-4653	proteomics_heat	2692261	2692302	-	5	2	R.ADHVQKGEINVGAK.L	18
PHEAT-4654	proteomics_heat	2692351	2692380	-	5	5	K.VNSHNGEELR.G	14
PHEAT-4655	proteomics_heat	2692396	2692434	-	5	2	N.NEFGRPALNGYFR.T	17
PHEAT-4656	proteomics_heat	2692396	2692491	-	5	6	R.IVTALDIMTEGPLGGAAFNNEFGRPALNGYFR.T	36
PHEAT-4657	proteomics_heat	2692420	2692491	-	5	6	R.IVTALDIMTEGPLGGAAFNNEFGR.P	28
PHEAT-4658	proteomics_heat	2692492	2692542	-	5	5	R.IPGFEQPWEEDFGKPER.I	21
PHEAT-4659	proteomics_heat	2692543	2692578	-	5	5	K.AGLVGFSVSNLR.I	16
PHEAT-4660	proteomics_heat	2692594	2692689	-	5	8	K.VETHNHPTAISPWPGAATGSGGEIRDEGATGR.G	36
PHEAT-4661	proteomics_heat	2692615	2692689	-	5	3	K.VETHNHPTAISPWPGAATGSGGEIR.D	29
PHEAT-4662	proteomics_heat	2692690	2692728	-	5	7	R.YDFHQEPAHILMK.V	17
PHEAT-4663	proteomics_heat	2692729	2692755	-	5	6	R.YFADHETGR.Y	13
PHEAT-4664	proteomics_heat	2692756	2692794	-	5	11	K.DNAAVMEGSEVGR.Y	17
PHEAT-4665	proteomics_heat	2692756	2692839	-	5	3	K.NTFETTPDHVLSAYKDNAAVMEGSEVGR.Y	32
PHEAT-4666	proteomics_heat	2692795	2692839	-	5	5	K.NTFETTPDHVLSAYK.D	19
PHEAT-4667	proteomics_heat	2692861	2692905	-	5	4	K.IFNADWVIDGEQQPK.S	19
PHEAT-4668	proteomics_heat	2692912	2692968	-	5	4	R.NPNDIELYMFAQANSEHCR.H	23
PHEAT-4669	proteomics_heat	2692912	2692977	-	5	4	K.LGRNPNDIELYMFAQANSEHCR.H	26
PHEAT-4670	proteomics_heat	2692978	2693034	-	5	66	R.LGLALAEDEIDYLQDAFTK.L	23
PHEAT-4671	proteomics_heat	2693035	2693061	-	5	3	R.QALIDANLR.L	13
PHEAT-4672	proteomics_heat	2693062	2693163	-	5	14	R.MMETVFFALDDAEQLFAHHQPTPVTSDLLGQGR.Q	38
PHEAT-4673	proteomics_heat	2693164	2693241	-	5	17	R.GVAYYIEAGTLTNEQWQQVTAELHDR.M	30
PHEAT-4674	proteomics_heat	2693242	2693295	-	5	3	K.ATDIAHNCGLQQVNR.LER.G	22

PHEAT-4675	proteomics_heat	2693251	2693295	-	5	12	K.ATDIAHNCGLQQVNR.L	19
PHEAT-4676	proteomics_heat	2693347	2693385	-	5	6	K.YGPALASHAPQGK.L	17
PHEAT-4677	proteomics_heat	2693395	2693484	-	5	10	R.LPVHNIYAEYVHFADLNAPLNDDDEHAQLER.L	34
PHEAT-4678	proteomics_heat	2699089	2699148	-	5	2	K.AIAAIPEMHELNIGHAIIGR.A	24
PHEAT-4679	proteomics_heat	2699149	2699187	-	5	2	K.VNAGHGLTYHNVK.A	17
PHEAT-4680	proteomics_heat	2699158	2699187	-	5	5	K.VNAGHGLTYH.N	14
PHEAT-4681	proteomics_heat	2699230	2699262	-	5	6	K.TDAEQAQELAR.I	15
PHEAT-4682	proteomics_heat	2699263	2699325	-	5	4	K.AAAEVGAPFIEIHTGCYADAK.T	25
PHEAT-4683	proteomics_heat	2699326	2699385	-	5	2	R.LADAGIQVSLFIDADEEQIK.A	24
PHEAT-4684	proteomics_heat	2699364	2699435	-	4	23	A.AWMSQGSVTKCAMPANVWQMPGFR.F	28
PHEAT-4685	proteomics_heat	2699413	2699457	-	5	7	R.QEVTTEGGLDVAGQR.D	19
PHEAT-4686	proteomics_heat	2699413	2699460	-	5	4	K.RQEVTEGGLDVAGQR.D	20
PHEAT-4687	proteomics_heat	2699617	2699691	-	5	2	R.GTAYPDPVQAAAFIAEQAGADGITVH.L	29
PHEAT-4688	proteomics_heat	2699701	2699748	-	5	6	M.AELLLGVNIDHIATLR.N	20
PHEAT-4689	proteomics_heat	2700749	2700796	-	6	5	R.FLGAELPYSVTVEIER.F	20
PHEAT-4690	proteomics_heat	2701013	2701060	-	6	5	K.APVILAVNKVDNVQEK.A	20
PHEAT-4691	proteomics_heat	2701196	2701270	-	6	4	R.IVGIHTEGAYQAIYVDTPLHMEEK.R	29
PHEAT-4692	proteomics_heat	2701346	2701393	-	6	6	K.SYCGFIAIVGRPNVGK.S	20
PHEAT-4693	proteomics_heat	2701423	2701458	-	5	8	R.KAEQAAAEQALK.K	16
PHEAT-4694	proteomics_heat	2701462	2701545	-	5	7	R.GEAHQEFTIHCQVSGLSEPVVGTGSSR.R	32
PHEAT-4695	proteomics_heat	2701546	2701584	-	5	6	R.HLPLPTYLVVQVR.G	17
PHEAT-4696	proteomics_heat	2701615	2701656	-	5	3	R.LDEISPGDKQKDPK.T	18
PHEAT-4697	proteomics_heat	2701630	2701656	-	5	4	R.LDEISPGDK.Q	13
PHEAT-4698	proteomics_heat	2701684	2701761	-	5	3	R.ESILADTVEALIGGVFLDSDIQTVEK.L	30
PHEAT-4699	proteomics_heat	2701876	2701899	-	5	4	R.VDEGDMSR.M	12
PHEAT-4700	proteomics_heat	2701909	2701968	-	5	10	R.LEFLGDSILSYVIANALYHR.F	24
PHEAT-4701	proteomics_heat	2701996	2702049	-	5	4	K.LGYTFNHQELLQQUALTHR.S	22
PHEAT-4702	proteomics_heat	2702062	2702085	-	5	2	R.MNPVIVINR.L	12
PHEAT-4703	proteomics_heat	2702621	2702647	-	6	2	K.ETLGDVTHR.I	13
PHEAT-4704	proteomics_heat	2702678	2702734	-	6	2	R.RNGGEATSGFFVVPKNETK.E	23
PHEAT-4705	proteomics_heat	2702735	2702842	-	6	2	K.ELTIQPGCSSGQACENALPVTYSNVEPSDFVQTFSR.R	40
PHEAT-4706	proteomics_heat	2702927	2702950	-	6	3	K.RGDIVVFK.Y	12
PHEAT-4707	proteomics_heat	2702951	2702977	-	6	3	K.TLIETGHPK.R	13
PHEAT-4708	proteomics_heat	2702978	2703013	-	6	5	K.FAYGIKDPYQK.T	16
PHEAT-4709	proteomics_heat	2703188	2703229	-	6	3	R.QAAAQAAAGDSLDK.A	18
PHEAT-4710	proteomics_heat	2703359	2703418	-	6	6	K.QIGNVELPQEAFLAILHVVGK.D	24
PHEAT-4711	proteomics_heat	2703725	2703757	-	6	2	R.GYASLDYNFKR.F	15
PHEAT-4712	proteomics_heat	2703872	2703946	-	6	8	R.EPIAECHMLLPQAYLGNVITLCVEK.R	29
PHEAT-4713	proteomics_heat	2703947	2704009	-	6	4	R.EVIYVDSPSKLPVNNIYELR.E	25
PHEAT-4714	proteomics_heat	2703980	2704009	-	6	2	R.EVIYVDSPSK.L	14
PHEAT-4715	proteomics_heat	2704010	2704075	-	6	5	R.EYDLDLITTAPTVVYEVETTSR.E	26
PHEAT-4716	proteomics_heat	2704085	2704129	-	6	5	R.CGFLGLLHMEIIQER.L	19
PHEAT-4717	proteomics_heat	2704130	2704198	-	6	5	K.LSLNDASLFYEPSSSALGFGFR.C	27
PHEAT-4718	proteomics_heat	2704214	2704276	-	6	4	K.VKPQVYAGLFPVSSDDYEAFR.D	25
PHEAT-4719	proteomics_heat	2704313	2704357	-	6	4	K.DIHGAPVGDTLTLAR.N	19
PHEAT-4720	proteomics_heat	2704394	2704417	-	6	2	K.QVDRTELK.C	12

PHEAT-4721	proteomics_heat	2704439	2704474	-	6	2	K.VMSTGQTYNADR.L	16
PHEAT-4722	proteomics_heat	2704622	2704654	-	6	3	K.TGVGVQDVLER.L	15
PHEAT-4723	proteomics_heat	2704667	2704720	-	6	5	R.VAEIEDIVGIDATDAVR.C	22
PHEAT-4724	proteomics_heat	2704721	2704750	-	6	4	K.IDLPAADPER.V	14
PHEAT-4725	proteomics_heat	2704877	2704954	-	6	3	K.ASDGETYQLNFIDTPGHVDFSYSVSR.S	30
PHEAT-4726	proteomics_heat	2704955	2704981	-	6	2	K.AQSVTLDYK.A	13
PHEAT-4727	proteomics_heat	2705003	2705044	-	6	3	R.EMEAQVLDSDMLER.E	18
PHEAT-4728	proteomics_heat	2705096	2705131	-	6	3	R.NFSIIAHIDHGK.S	16
PHEAT-4729	proteomics_heat	2706021	2706062	-	4	2	R.RPLPTMDNMPIESR.L	18
PHEAT-4730	proteomics_heat	2706168	2706224	-	4	2	R.VIAFNVNQDISSMQTLAK.A	23
PHEAT-4731	proteomics_heat	2706225	2706269	-	4	2	R.VDLLDRDGETLEQFR.V	19
PHEAT-4732	proteomics_heat	2706414	2706518	-	4	2	R.GNEISYFEPGLEPFTLNGDYIVDSLPSLIYDFKR.L	39
PHEAT-4733	proteomics_heat	2706621	2706707	-	4	2	A.TPASGALLQQMNLASQSLNYELSFISINK.Q	33
PHEAT-4734	proteomics_heat	2706917	2706994	-	6	3	K.ASPVSLGVPSEATANNGQQQVQEQR.R	30
PHEAT-4735	proteomics_heat	2707651	2707695	-	5	2	K.EISNPENLMLSEELR.Q	19
PHEAT-4736	proteomics_heat	2707867	2707917	-	5	2	R.YVPSGDVPDVVQEAFIK.A	21
PHEAT-4737	proteomics_heat	2714124	2714153	-	4	5	R.FNSLTPEQQR.D	14
PHEAT-4738	proteomics_heat	2714175	2714231	-	4	15	R.ETLEDAVKHPEKYPQLTIR.V	23
PHEAT-4739	proteomics_heat	2714175	2714234	-	4	2	R.RETLEDAVKHPEKYPQLTIR.V	24
PHEAT-4740	proteomics_heat	2714196	2714231	-	4	8	R.ETLEDAVKHPEK.Y	16
PHEAT-4741	proteomics_heat	2714196	2714234	-	4	2	R.RETLEDAVKHPEK.Y	17
PHEAT-4742	proteomics_heat	2714208	2714234	-	4	3	R.RETLEDAVK.H	13
PHEAT-4743	proteomics_heat	2714235	2714273	-	4	23	R.VEGGQHLLNVNVL.R	17
PHEAT-4744	proteomics_heat	2714235	2714276	-	4	2	V.RVEGGQHLLNVNVL.R	18
PHEAT-4745	proteomics_heat	2714274	2714300	-	4	4	V.PVEVKPEVR.V	13
PHEAT-4746	proteomics_heat	2714274	2714306	-	4	12	R.EVPVEVKPEVR.V	15
PHEAT-4747	proteomics_heat	2714307	2714327	-	4	9	K.LGDIEYR.E	11
PHEAT-4748	proteomics_heat	2714328	2714366	-	4	31	K.AGYAEDEVVAVSK.L	17
PHEAT-4749	proteomics_heat	2714382	2714444	-	4	52	K.AANDDLLNSFWLLDSEKGEAR.C	25
PHEAT-4750	proteomics_heat	2714394	2714444	-	4	22	K.AANDDLLNSFWLLDSEK.G	21
PHEAT-4751	proteomics_heat	2714445	2714471	-	4	12	H.MITGIQITK.A	13
PHEAT-4752	proteomics_heat	2715609	2715677	-	4	2	K.MVLVLGQEYEGLPDAARDPNDLR.V	27
PHEAT-4753	proteomics_heat	2715696	2715752	-	4	4	R.QAGYTVVTTSSSEQGKPLFK.T	23
PHEAT-4754	proteomics_heat	2715753	2715827	-	4	9	R.TAEGGAEHVQPITGDNIVNVLDLDFR.Q	29
PHEAT-4755	proteomics_heat	2715828	2715878	-	4	3	K.GVVVQDAALLESAAIR.T	21
PHEAT-4756	proteomics_heat	2716014	2716058	-	4	3	K.ASGTEHHGGVCFLIK.K	19
PHEAT-4757	proteomics_heat	2716026	2716058	-	4	2	K.ASGTEHHGGVC.F	15
PHEAT-4758	proteomics_heat	2716059	2716094	-	4	9	K.AYHVVDEAELTK.A	16
PHEAT-4759	proteomics_heat	2716059	2716097	-	4	2	R.KAYHVVDEAELTK.A	17
PHEAT-4760	proteomics_heat	2716134	2716163	-	4	3	R.AWFIQSVTPR.F	14
PHEAT-4761	proteomics_heat	2716164	2716223	-	4	5	R.VYGENACQALFQSRPEAIVR.A	24
PHEAT-4762	proteomics_heat	2716275	2716328	-	4	3	R.APGDETPEKADHGGISGK.S	22
PHEAT-4763	proteomics_heat	2716275	2716349	-	4	2	S.PWRVSRAPGDETPEKADHGGISGK.S	29
PHEAT-4764	proteomics_heat	2723736	2723765	-	4	6	M.AESTVTADSK.L	14
PHEAT-4765	proteomics_heat	2729670	2729738	-	4	9	R.AIQQQIENPLAQQILSGELVPGK.V	27
PHEAT-4766	proteomics_heat	2729751	2729792	-	4	5	K.LLSENGYDPVYGAR.P	18



PHEAT-4767	proteomics_heat	2729793	2729828	-	4	6	R.GYEIHISDEALK.L	16
PHEAT-4768	proteomics_heat	2729853	2729927	-	4	2	R.IDEVVVVHPLGEQHIASIAQIQLKR.L	29
PHEAT-4769	proteomics_heat	2729856	2729927	-	4	27	R.IDEVVVVHPLGEQHIASIAQIQLK.R	28
PHEAT-4770	proteomics_heat	2729928	2729981	-	4	12	K.ELVLGVVSHNFRPEFINR.I	22
PHEAT-4771	proteomics_heat	2729982	2730011	-	4	6	R.FGELDYAHMK.E	14
PHEAT-4772	proteomics_heat	2730012	2730065	-	4	27	R.NTVVIMTSNLGSDLIQER.F	22
PHEAT-4773	proteomics_heat	2730081	2730152	-	4	4	K.AHPDVFNILLQVLDDGRLTDGQGR.T	28
PHEAT-4774	proteomics_heat	2730102	2730152	-	4	68	K.AHPDVFNILLQVLDDGR.L	21
PHEAT-4775	proteomics_heat	2730132	2730191	-	4	2	R.RPYSVILLDEVEKAHPDVFN.I	24
PHEAT-4776	proteomics_heat	2730153	2730191	-	4	12	R.RPYSVILLDEVEK.A	17
PHEAT-4777	proteomics_heat	2730195	2730260	-	4	19	R.LVGAPPGYVGYEEGGYLTEAVR.R	26
PHEAT-4778	proteomics_heat	2730195	2730263	-	4	4	S.RLVGAPPGYVGYEEGGYLTEAVR.R	27
PHEAT-4779	proteomics_heat	2730276	2730302	-	4	3	R.IDMSEFMEK.H	13
PHEAT-4780	proteomics_heat	2730303	2730347	-	4	7	K.ALANFMFDSDEAMVR.I	19
PHEAT-4781	proteomics_heat	2730363	2730431	-	4	7	R.AGLADPNRPIGSFLFLGPTGVGK.T	27
PHEAT-4782	proteomics_heat	2730441	2730488	-	4	5	R.VIGQNEAVDAVSNAIR.R	20
PHEAT-4783	proteomics_heat	2730441	2730491	-	4	7	H.RVIGQNEAVDAVSNAIR.R	21
PHEAT-4784	proteomics_heat	2730489	2730512	-	4	3	R.MEQELHHR.V	12
PHEAT-4785	proteomics_heat	2730570	2730605	-	4	4	K.VTDAEIAEVLAR.W	16
PHEAT-4786	proteomics_heat	2730570	2730611	-	4	13	R.NKVTDAAIEAELAR.W	18
PHEAT-4787	proteomics_heat	2730630	2730662	-	4	4	K.QLEAATQLEGK.T	15
PHEAT-4788	proteomics_heat	2730663	2730704	-	4	6	R.MSELQYGKIPLEK.Q	18
PHEAT-4789	proteomics_heat	2730681	2730704	-	4	5	R.MSELQYGK.I	12
PHEAT-4790	proteomics_heat	2730768	2730797	-	4	3	K.ASLSGTQTIK.A	14
PHEAT-4791	proteomics_heat	2730798	2730836	-	4	6	R.QYSELEEEWKAEK.A	17
PHEAT-4792	proteomics_heat	2730837	2730875	-	4	5	R.LDMLNEELSDKER.Q	17
PHEAT-4793	proteomics_heat	2730837	2730878	-	4	11	K.RLDMLNEELSDKER.Q	18
PHEAT-4794	proteomics_heat	2730837	2730881	-	4	2	K.KRLDMLNEELSDKER.Q	19
PHEAT-4795	proteomics_heat	2730843	2730878	-	4	2	K.RLDMLNEELSDK.E	16
PHEAT-4796	proteomics_heat	2730903	2730926	-	4	2	K.LEQQALMK.E	12
PHEAT-4797	proteomics_heat	2730945	2730989	-	4	3	R.MQIDSKPEELDR.LDR.R	19
PHEAT-4798	proteomics_heat	2730954	2730989	-	4	6	R.MQIDSKPEELDR.L	16
PHEAT-4799	proteomics_heat	2730990	2731028	-	4	4	K.AIDLIDEAASSIR.M	17
PHEAT-4800	proteomics_heat	2731143	2731190	-	4	14	K.VFVAEPSVEDTIAILR.G	20
PHEAT-4801	proteomics_heat	2731236	2731280	-	4	15	R.GELHCVGATTLDYR.Q	19
PHEAT-4802	proteomics_heat	2731281	2731331	-	4	4	K.ADGAMDAGNMLKPALAR.G	21
PHEAT-4803	proteomics_heat	2731332	2731391	-	4	45	K.QEGNVILFIDELHTMVGAGK.A	24
PHEAT-4804	proteomics_heat	2731392	2731421	-	4	4	R.LKGVLNDLAK.Q	14
PHEAT-4805	proteomics_heat	2731422	2731445	-	4	8	K.YRGEFEER.L	12
PHEAT-4806	proteomics_heat	2731446	2731487	-	4	4	R.VLALDMGALVAGAK.Y	18
PHEAT-4807	proteomics_heat	2731446	2731490	-	4	7	R.RVLALDMGALVAGAK.Y	19
PHEAT-4808	proteomics_heat	2731497	2731529	-	4	4	R.IINGEVPEGLK.G	15
PHEAT-4809	proteomics_heat	2731530	2731559	-	4	4	K.TAIVEGLAQR.I	14
PHEAT-4810	proteomics_heat	2731560	2731598	-	4	5	K.NNPVLIGEPGVGK.T	17
PHEAT-4811	proteomics_heat	2731560	2731604	-	4	12	R.TKNNPVLIGEPGVGK.T	19
PHEAT-4812	proteomics_heat	2731629	2731682	-	4	7	R.AEQGKLDPVIGRDEEIRR.T	22

PHEAT-4813	proteomics_heat	2731632	2731682	-	4	3	R.AEQGKLDPVIGRDEEIR.R	21
PHEAT-4814	proteomics_heat	2731647	2731682	-	4	5	R.AEQGKLDPVIGR.D	16
PHEAT-4815	proteomics_heat	2731683	2731706	-	4	3	K.YTIDLTER.A	12
PHEAT-4816	proteomics_heat	2731683	2731709	-	4	4	K.KYTIDLTER.A	13
PHEAT-4817	proteomics_heat	2731707	2731742	-	4	2	D.QGAEDQRQALKK.Y	16
PHEAT-4818	proteomics_heat	2731722	2731763	-	4	7	R.GGESVNDQGAEDQR.Q	18
PHEAT-4819	proteomics_heat	2731764	2731814	-	4	9	K.AAGATTANITQAIEQMR.G	21
PHEAT-4820	proteomics_heat	2731839	2731892	-	4	26	R.GDNFISSELFVLAALLES.R.G	22
PHEAT-4821	proteomics_heat	2731839	2731895	-	4	41	K.RGDNFISSELFVLAALLES.R.G	23
PHEAT-4822	proteomics_heat	2731896	2731928	-	4	2	R.VLNLCDKLAQK.R	15
PHEAT-4823	proteomics_heat	2731929	2731985	-	4	9	R.LPQVEGTGGDVQPSQDLVR.V	23
PHEAT-4824	proteomics_heat	2731929	2732012	-	4	5	R.TDINQALNRLPQVEGTGGDVQPSQDLVR.V	32
PHEAT-4825	proteomics_heat	2733206	2733322	-	6	3	R.VHMAHITHPLVGDVYGGRRPPKGAFAFISTLRKFDR.Q	43
PHEAT-4826	proteomics_heat	2733218	2733250	-	6	2	K.GASEAFISTLR.K	15
PHEAT-4827	proteomics_heat	2733584	2733622	-	6	4	R.LDKDTTGLMVVAK.T	17
PHEAT-4828	proteomics_heat	2733641	2733733	-	6	5	R.DLVVHPGAGNPDGTVLNALLHYPPPIADVPR.A	35
PHEAT-4829	proteomics_heat	2733683	2733733	-	6	2	R.DLVVHPGAGNPDGTVLN.A	21
PHEAT-4830	proteomics_heat	2733902	2733928	-	6	2	R.IKEWILDQR.V	13
PHEAT-4831	proteomics_heat	2733977	2734021	-	6	3	R.VQLTATVSENLQGLQR.L	19
PHEAT-4832	proteomics_heat	2734642	2734689	-	5	4	R.QTIFQEYQTFGGIGGV.L	20
PHEAT-4833	proteomics_heat	2737024	2737059	-	5	2	R.KVEHWFGDYAQR.F	16
PHEAT-4834	proteomics_heat	2737060	2737122	-	5	4	R.FGEAIELLEQGDKQAFIDSFR.K	25
PHEAT-4835	proteomics_heat	2737060	2737125	-	5	3	K.FGEAIELLEQGDKQAFIDSFR.K	26
PHEAT-4836	proteomics_heat	2737084	2737125	-	5	2	K.RFGEAIELLEQGDK.Q	18
PHEAT-4837	proteomics_heat	2737156	2737209	-	5	9	R.LFAQDPQLYADIIMSSER.N	22
PHEAT-4838	proteomics_heat	2737294	2737323	-	5	2	R.HFATFAYGLH.L	14
PHEAT-4839	proteomics_heat	2737324	2737374	-	5	2	R.ISAVEHDQNMAFIQALR.H	21
PHEAT-4840	proteomics_heat	2737465	2737557	-	5	7	K.NGPLQAMLVAHDGPVLGLHPMFGPDSGSLAK.Q	35
PHEAT-4841	proteomics_heat	2737558	2737590	-	5	2	K.DCILVDLASVK.N	15
PHEAT-4842	proteomics_heat	2737609	2737686	-	5	36	R.AADIVADAGMVIVSVPIHVTEQVIGK.L	30
PHEAT-4843	proteomics_heat	2737687	2737713	-	5	4	R.ILEQHDWDR.A	13
PHEAT-4844	proteomics_heat	2737756	2737815	-	5	4	K.TLCPSLRPVVIVGGGQMGR.L	24
PHEAT-4845	proteomics_heat	2737816	2737851	-	5	2	R.ESSSENDKGFK.T	16
PHEAT-4846	proteomics_heat	2737861	2737920	-	5	2	R.RAEAEALGVPPDLIEDVLR.V	24
PHEAT-4847	proteomics_heat	2737864	2737920	-	5	3	R.RAEAEALGVPPDLIEDVLR.R	23
PHEAT-4848	proteomics_heat	2737981	2738016	-	5	4	K.RLELVAEVGEVK.S	16
PHEAT-4849	proteomics_heat	2738017	2738064	-	5	2	R.DQIDEVDKALLNLLAK.R	20
PHEAT-4850	proteomics_heat	2738017	2738088	-	5	21	M.VAELTALRDQIDEVDKALLNLLAK.R	28
PHEAT-4851	proteomics_heat	2738041	2738064	-	5	2	R.DQIDEVDK.A	12
PHEAT-4852	proteomics_heat	2738041	2738088	-	5	3	M.VAELTALRDQIDEVDK.A	20
PHEAT-4853	proteomics_heat	2738111	2738149	-	6	4	R.EIHQDLNGQLTAR.V	17
PHEAT-4854	proteomics_heat	2738222	2738287	-	6	2	R.SIIGLMIESNIHEGNQSSEQPR.S	26
PHEAT-4855	proteomics_heat	2738255	2738299	-	6	4	K.DGNRSIIGLMIESNI.H	19
PHEAT-4856	proteomics_heat	2738300	2738341	-	6	6	R.RQPAVAESVVAQIK.D	18
PHEAT-4857	proteomics_heat	2738417	2738458	-	6	2	K.APNYSPADVAQCEK.E	18
PHEAT-4858	proteomics_heat	2738468	2738545	-	6	5	R.FVGINQAGQVALLQTQGNPDGHVILR.G	30

PHEAT-4859	proteomics_heat	2738468	2738548	-	6	3	H.RFVGINQAGQVALLQTQGNPDGHVILR.G	31
PHEAT-4860	proteomics_heat	2738567	2738611	-	6	2	K.NGTDGSLATAINAMR.A	19
PHEAT-4861	proteomics_heat	2738873	2738893	-	6	3	R.VYFEKPR.T	11
PHEAT-4862	proteomics_heat	2738873	2738893	-	6	3	R.VYFEKPR.T	11
PHEAT-4863	proteomics_heat	2739050	2739100	-	6	6	K.AAFPLSLQQEAQIADSR.K	21
PHEAT-4864	proteomics_heat	2742289	2742336	-	5	5	R.VFQTHSPVVDSISVKR.R	20
PHEAT-4865	proteomics_heat	2742292	2742336	-	5	45	R.VFQTHSPVVDSISVK.R	19
PHEAT-4866	proteomics_heat	2742292	2742339	-	5	3	E.RVFQTHSPVVDSISVK.R	20
PHEAT-4867	proteomics_heat	2742337	2742363	-	5	3	K.ISNGEGVER.V	13
PHEAT-4868	proteomics_heat	2742337	2742366	-	5	12	R.KISNGEGVER.V	14
PHEAT-4869	proteomics_heat	2742367	2742393	-	5	3	R.GLHSAFTVR.K	13
PHEAT-4870	proteomics_heat	2742400	2742435	-	5	34	R.LQAFEGVVIAIR.N	16
PHEAT-4871	proteomics_heat	2742439	2742465	-	5	4	K.VWVVEGSKK.R	13
PHEAT-4872	proteomics_heat	2742442	2742465	-	5	9	K.VWVVEGSK.K	12
PHEAT-4873	proteomics_heat	2742466	2742510	-	5	6	K.QDVPSFRPGDTVEVK.V	19
PHEAT-4874	proteomics_heat	2742466	2742534	-	5	7	K.QLEQEQMKQDVPSFRPGDTVEVK.V	27
PHEAT-4875	proteomics_heat	2742511	2742534	-	5	4	K.QLEQEQMK.Q	12
PHEAT-4876	proteomics_heat	2742657	2742704	-	4	3	R.RPELLENLALTEEQAR.L	20
PHEAT-4877	proteomics_heat	2743041	2743085	-	4	4	R.KLDQAGVSELATNQK.L	19
PHEAT-4878	proteomics_heat	2743158	2743220	-	4	2	R.TVDDRPYGGGPGMLMMVQPLR.D	25
PHEAT-4879	proteomics_heat	2743515	2743562	-	4	2	K.VVDMMETGSNDVLVIK.A	20
PHEAT-4880	proteomics_heat	2743563	2743613	-	4	11	K.DLMGCQVVTTEGYDLGK.V	21
PHEAT-4881	proteomics_heat	2743563	2743634	-	4	2	E.EGDYYWKDLMGCQVVTTEGYDLGK.V	28
PHEAT-4882	proteomics_heat	2743749	2743787	-	4	3	K.AGQWQQVQLESWK.H	17
PHEAT-4883	proteomics_heat	2743788	2743850	-	4	3	R.VFSSTEDAESIFDYQPWFIQK.A	25
PHEAT-4884	proteomics_heat	2743887	2743931	-	4	3	K.QLTAQAPVDPIVLGK.M	19
PHEAT-4885	proteomics_heat	2743998	2744033	-	4	3	A.HWVQGQATISDR.V	16
PHEAT-4886	proteomics_heat	2743998	2744039	-	4	74	R.IAHWVGQGATISDR.V	18
PHEAT-4887	proteomics_heat	2744004	2744039	-	4	2	R.IAHWVGQGATIS.D	16
PHEAT-4888	proteomics_heat	2744040	2744102	-	4	7	R.VGFFNPIASEKEEGTRLDLDR.I	25
PHEAT-4889	proteomics_heat	2744055	2744102	-	4	11	R.VGFFNPIASEKEEGTR.L	20
PHEAT-4890	proteomics_heat	2744070	2744102	-	4	7	R.VGFFNPIASEK.E	15
PHEAT-4891	proteomics_heat	2744133	2744159	-	4	2	F.YQVVVADSR.N	13
PHEAT-4892	proteomics_heat	2744133	2744168	-	4	4	K.RPFYQVVVADSR.N	16
PHEAT-4893	proteomics_heat	2744133	2744171	-	4	14	K.KRPFYQVVVADSR.N	17
PHEAT-4894	proteomics_heat	2744573	2744614	-	6	4	R.IAAGCGMQVDVNR.L	18
PHEAT-4895	proteomics_heat	2744801	2744845	-	6	2	K.KGDGFDLNDFLEQLR.Q	19
PHEAT-4896	proteomics_heat	2744888	2744938	-	6	19	R.ILGMGDVLSLIEDIESK.V	21
PHEAT-4897	proteomics_heat	2745071	2745115	-	6	3	K.AFNEALPLTGTVLTK.V	19
PHEAT-4898	proteomics_heat	2745116	2745154	-	6	2	V.DAMTGQDAANTAK.A	17
PHEAT-4899	proteomics_heat	2745116	2745199	-	6	8	K.QVHASINPVETLFVVDAMTGQDAANTAK.A	32
PHEAT-4900	proteomics_heat	2745200	2745235	-	6	3	R.LHVDEAMMDEIK.Q	16
PHEAT-4901	proteomics_heat	2745380	2745424	-	6	3	K.VLVVSADVYRPAAIK.Q	19
PHEAT-4902	proteomics_heat	2745479	2745580	-	6	3	R.NELVAAMGEENQTLNLAAQPPAVVLMAGLQGAGK.T	38
PHEAT-4903	proteomics_heat	2745722	2745754	-	6	4	R.LTEDNVKDTLR.E	15
PHEAT-4904	proteomics_heat	2748347	2748397	-	6	42	K.ANPDMSAMVEGIELTLK.S	21

PHEAT-4905	proteomics_heat	2748347	2748418	-	6	25	R.ALEVADKANPDMSAMVEGIELTLK.S	28
PHEAT-4906	proteomics_heat	2748398	2748418	-	6	2	R.ALEVADK.A	11
PHEAT-4907	proteomics_heat	2748419	2748460	-	6	15	K.FINELLPVIDSLDR.A	18
PHEAT-4908	proteomics_heat	2748485	2748508	-	6	2	R.RTELDIEK.A	12
PHEAT-4909	proteomics_heat	2748512	2748538	-	6	3	R.VKAEMENLR.R	13
PHEAT-4910	proteomics_heat	2748560	2748601	-	6	10	K.VANLEAQLAEAQTR.E	18
PHEAT-4911	proteomics_heat	2748611	2748709	-	6	8	K.TPEGQAPEEIIDMQHEEIEAVEPEASAEQVDPR.D	37
PHEAT-4912	proteomics_heat	2770129	2770173	-	5	2	M.SNITIIYHNPACGTSR.N	19
PHEAT-4913	proteomics_heat	2770129	2770173	-	5	2	M.SNITIIYHNPACGTSR.N	19
PHEAT-4914	proteomics_heat	2771786	2771857	-	6	3	I.AETNGIADKIIIGICFILLRWKRR.E	28
PHEAT-4915	proteomics_heat	2794410	2794439	-	4	2	K.IFEANKPMLK.S	14
PHEAT-4916	proteomics_heat	2794503	2794544	-	4	2	K.TATPATASQFYTVK.S	18
PHEAT-4917	proteomics_heat	2794545	2794601	-	4	18	K.ILVAVGNISGIASVDDQVK.T	23
PHEAT-4918	proteomics_heat	2794608	2794646	-	4	7	K.ATVTGDGLSQEAK.E	17
PHEAT-4919	proteomics_heat	2794647	2794697	-	4	6	K.TGIPDADKVNIIQIADGK.A	21
PHEAT-4920	proteomics_heat	2794719	2794769	-	4	4	K.LWDAVTGQHDKDDQAKK.V	21
PHEAT-4921	proteomics_heat	2794722	2794769	-	4	5	K.LWDAVTGQHDKDDQAK.K	20
PHEAT-4922	proteomics_heat	2796137	2796175	-	6	33	R.TPKPIAQUALAEGK.S	17
PHEAT-4923	proteomics_heat	2796176	2796196	-	6	4	K.TWTGQGR.T	11
PHEAT-4924	proteomics_heat	2796176	2796196	-	6	4	K.TWTGQGR.T	11
PHEAT-4925	proteomics_heat	2796197	2796223	-	6	7	K.FTDVNGETK.T	13
PHEAT-4926	proteomics_heat	2796197	2796229	-	6	9	K.YKFTDVNGETK.T	15
PHEAT-4927	proteomics_heat	2796263	2796304	-	6	2	N.PEELLGNSSAAAPR.A	18
PHEAT-4928	proteomics_heat	2796263	2796319	-	6	17	K.ADGINPEELLGNSSAAAPR.A	23
PHEAT-4929	proteomics_heat	2796320	2796346	-	6	3	K.ISTWLELMK.A	13
PHEAT-4930	proteomics_heat	2796422	2796460	-	6	53	R.EFSIDVLEEMLEK.F	17
PHEAT-4931	proteomics_heat	2796482	2796514	-	6	5	M.SVMLQSLNNIR.T	15
PHEAT-4932	proteomics_heat	2812243	2812266	-	5	2	K.EKLQELHI.-	12
PHEAT-4933	proteomics_heat	2812267	2812299	-	5	2	R.INSNEELALPK.E	15
PHEAT-4934	proteomics_heat	2812324	2812353	-	5	2	H.SLQEAQDIAR.S	14
PHEAT-4935	proteomics_heat	2812324	2812416	-	5	5	K.VQDQNQIPELNVYQCGTYQMHSLQEAQDIAR.S	35
PHEAT-4936	proteomics_heat	2812354	2812416	-	5	5	K.VQDQNQIPELNVYQCGTYQMH.S	25
PHEAT-4937	proteomics_heat	2812417	2812440	-	5	2	K.AAMEDVLK.V	12
PHEAT-4938	proteomics_heat	2812459	2812503	-	5	13	R.TGFYMSLIGTPDEQR.V	19
PHEAT-4939	proteomics_heat	2812504	2812560	-	5	12	R.NHLNGNGVEIIDISPMGCR.T	23
PHEAT-4940	proteomics_heat	2812561	2812602	-	5	3	R.GIHTLEHLFAGFMR.N	18
PHEAT-4941	proteomics_heat	2812567	2812602	-	5	3	R.GIHTLEHLFAGF.M	16
PHEAT-4942	proteomics_heat	2812573	2812602	-	5	2	R.GIHTLEHLFA.G	14
PHEAT-4943	proteomics_heat	2812603	2812638	-	5	7	R.FCVPNKEVMPER.G	16
PHEAT-4944	proteomics_heat	2812621	2812638	-	5	2	R.FCVPNK.E	10
PHEAT-4945	proteomics_heat	2812639	2812686	-	5	19	K.TMNTPHGDAITVFDLR.F	20
PHEAT-4946	proteomics_heat	2812717	2812752	-	5	13	M.PLLDSFTVDHTR.M	16
PHEAT-4947	proteomics_heat	2812914	2812967	-	4	2	R.QQEMEAADTEPFAVWLEK.H	22
PHEAT-4948	proteomics_heat	2812914	2812970	-	4	3	R.RQQEMEAADTEPFAVWLEK.H	23
PHEAT-4949	proteomics_heat	2813169	2813216	-	4	5	R.VAQTLDLSINGGEAYQK.V	20
PHEAT-4950	proteomics_heat	2813241	2813306	-	4	4	R.KPGLTLGIGCETAQFPLPQVGK.D	26

PHEAT-4951	proteomics_heat	2813340	2813390	-	4	3	C.ALADAPEMSSSELEACTR.V	21
PHEAT-4952	proteomics_heat	2813418	2813471	-	4	6	R.SLDINPFSPIGVDEQQVR.F	22
PHEAT-4953	proteomics_heat	2813544	2813606	-	4	3	R.LQINSNVLQIENELYAPIRPK.R	25
PHEAT-4954	proteomics_heat	2813730	2813756	-	4	2	R.LSDLGYTNK.S	13
PHEAT-4955	proteomics_heat	2813802	2813894	-	4	2	R.FGWVIPYLFGASPAICSSFLQGKPTSLPFEK.T	35
PHEAT-4956	proteomics_heat	2813943	2813972	-	4	2	K.CGDISGADAK.E	14
PHEAT-4957	proteomics_heat	2814297	2814365	-	4	6	R.VNADGTLATTGHPEALGSALTHK.W	27
PHEAT-4958	proteomics_heat	2815109	2815147	-	6	2	R.HYFDAVVAADHVK.H	17
PHEAT-4959	proteomics_heat	2815148	2815219	-	6	4	R.RPMAVGTGSESAIAEALLAHLGLR.H	28
PHEAT-4960	proteomics_heat	2817019	2817054	-	5	9	K.EVSVHREEIYQR.I	16
PHEAT-4961	proteomics_heat	2817091	2817147	-	5	4	R.VGETLMIGDEVTVTVLGVK.G	23
PHEAT-4962	proteomics_heat	2817091	2817150	-	5	2	R.RVGETLMIGDEVTVTVLGVK.G	24
PHEAT-4963	proteomics_heat	2817430	2817507	-	5	7	K.GGGRPDMAQAGGTDAAALPAALASVK.G	30
PHEAT-4964	proteomics_heat	2817508	2817552	-	5	5	K.AGELIGMVAQQVGGK.G	19
PHEAT-4965	proteomics_heat	2817508	2817558	-	5	2	R.VKAGELIGMVAQQVGGK.G	21
PHEAT-4966	proteomics_heat	2817574	2817600	-	5	3	K.VSLIAGVSK.D	13
PHEAT-4967	proteomics_heat	2817601	2817651	-	5	15	K.NQLGSTIIVLATVVEGK.V	21
PHEAT-4968	proteomics_heat	2817601	2817672	-	5	47	R.TMVDDLKNQLGSTIIVLATVVEGK.V	28
PHEAT-4969	proteomics_heat	2817682	2817717	-	5	3	K.LLVSELSGVPEK.M	16
PHEAT-4970	proteomics_heat	2817742	2817783	-	5	8	K.EQAAAQESANLSSK.A	18
PHEAT-4971	proteomics_heat	2817835	2817867	-	5	6	K.GDSNNLADKVR.S	15
PHEAT-4972	proteomics_heat	2817868	2817894	-	5	5	R.LSEVAHLLK.G	13
PHEAT-4973	proteomics_heat	2817895	2817951	-	5	3	R.IEAVTGEGAIATVHADSDR.L	23
PHEAT-4974	proteomics_heat	2817895	2817954	-	5	16	R.RIEAVTGEGAIATVHADSDR.L	24
PHEAT-4975	proteomics_heat	2817955	2817990	-	5	3	R.IISESGTAAGVR.R	16
PHEAT-4976	proteomics_heat	2818015	2818071	-	5	6	R.VLSMGDFSTELCGGTHASR.T	23
PHEAT-4977	proteomics_heat	2818090	2818116	-	5	5	K.GAMALFGEK.Y	13
PHEAT-4978	proteomics_heat	2818123	2818167	-	5	7	R.NLPIETNIMDLEAAK.A	19
PHEAT-4979	proteomics_heat	2818123	2818170	-	5	2	R.RNLPIETNIMDLEAAK.A	20
PHEAT-4980	proteomics_heat	2818171	2818203	-	5	4	R.AVEDLVNTQIR.R	15
PHEAT-4981	proteomics_heat	2818204	2818248	-	5	12	R.FDFSHNEAMKPEEIR.A	19
PHEAT-4982	proteomics_heat	2818279	2818308	-	5	7	R.QVLGTHVSQK.G	14
PHEAT-4983	proteomics_heat	2818366	2818404	-	5	14	K.VGDAVQADVDEAR.R	17
PHEAT-4984	proteomics_heat	2818426	2818455	-	5	14	K.YGQAIGHIGK.L	14
PHEAT-4985	proteomics_heat	2818456	2818494	-	5	3	K.GANFSFAVEDTQK.Y	17
PHEAT-4986	proteomics_heat	2818495	2818599	-	5	3	K.AVDAINAGQEAVVVLDTQPFYAESGGQVGDKGELK.G	39
PHEAT-4987	proteomics_heat	2818600	2818626	-	5	5	K.VTALFVDGK.A	13
PHEAT-4988	proteomics_heat	2818627	2818656	-	5	7	K.GYDHLELNGK.V	14
PHEAT-4989	proteomics_heat	2818627	2818680	-	5	4	R.VDSASEFKGYDHLELNGK.V	22
PHEAT-4990	proteomics_heat	2818732	2818785	-	5	2	R.NIKVDEAGFEAAMEEQRR.R	22
PHEAT-4991	proteomics_heat	2818735	2818776	-	5	4	K.VDEAGFEAAMEEQRR.R	18
PHEAT-4992	proteomics_heat	2818735	2818785	-	5	4	R.NIKVDEAGFEAAMEEQRR.R	21
PHEAT-4993	proteomics_heat	2818792	2818842	-	5	6	R.LYDYGFPVLDLTADVCR.E	21
PHEAT-4994	proteomics_heat	2818843	2818881	-	5	5	K.LSGDTLDGETAFR.L	17
PHEAT-4995	proteomics_heat	2818882	2818914	-	5	5	R.GLALLDEELAK.L	15
PHEAT-4996	proteomics_heat	2818927	2818980	-	5	3	R.QQAQVEQLKTEEEQFAR.T	22

PHEAT-4997	proteomics_heat	2818951	2818980	-	5	2	R.QQAQVEQVLK.T	14
PHEAT-4998	proteomics_heat	2818981	2819034	-	5	2	K.LVGPLIDVMGSAGEDLKR.Q	22
PHEAT-4999	proteomics_heat	2819053	2819076	-	5	2	R.HGNMLGAK.E	12
PHEAT-5000	proteomics_heat	2819116	2819166	-	5	5	R.SCAFLIADGVMPSNENR.G	21
PHEAT-5001	proteomics_heat	2819197	2819226	-	5	9	K.VTGATDLSNK.S	14
PHEAT-5002	proteomics_heat	2819251	2819304	-	5	6	R.IAAVLQHVNSNYDIDLFR.T	22
PHEAT-5003	proteomics_heat	2819677	2819721	-	5	7	K.HDAIQFAWELLTSEK.W	19
PHEAT-5004	proteomics_heat	2819776	2819811	-	5	7	K.HNDLENVGYTAR.H	16
PHEAT-5005	proteomics_heat	2819890	2819976	-	5	22	K.GHQVVASSSLVPHNDPTLLFTNAGMNQFK.D	33
PHEAT-5006	proteomics_heat	2819977	2820006	-	5	3	R.QAFLDFFHSK.G	14
PHEAT-5007	proteomics_heat	2820838	2820882	-	5	3	K.ANATAWLKDNPETAK.E	19
PHEAT-5008	proteomics_heat	2820907	2820930	-	5	2	K.AGAWYSYK.G	12
PHEAT-5009	proteomics_heat	2821060	2821092	-	5	6	K.EGENVVGSETR.V	15
PHEAT-5010	proteomics_heat	2821141	2821194	-	5	4	K.IGVMFGNPETTTGGNALK.F	22
PHEAT-5011	proteomics_heat	2821201	2821239	-	5	3	K.QSNTLLIFINQIR.M	17
PHEAT-5012	proteomics_heat	2821282	2821332	-	5	8	K.AEIEGEIGDSHMGLAAR.M	21
PHEAT-5013	proteomics_heat	2821333	2821386	-	5	13	R.SGAVDVIVVDSVAALTPK.A	22
PHEAT-5014	proteomics_heat	2821387	2821470	-	5	9	K.LGVDIDNLLCSQPDTGEQALEICDALAR.S	32
PHEAT-5015	proteomics_heat	2821387	2821473	-	5	5	R.KLGVDIDNLLCSQPDTGEQALEICDALAR.S	33
PHEAT-5016	proteomics_heat	2821474	2821524	-	5	7	K.TCAFIDAEHALDPIYAR.K	21
PHEAT-5017	proteomics_heat	2821573	2821608	-	5	3	R.IVEIYGPESSGK.T	16
PHEAT-5018	proteomics_heat	2821732	2821764	-	5	6	K.ALAAALGQIEK.Q	15
PHEAT-5019	proteomics_heat	2822093	2822164	-	6	4	R.EETLAQHGAIVSEPVVEMAIGALK.A	28
PHEAT-5020	proteomics_heat	2822258	2822308	-	6	2	R.GATVTTAESCTGGWVAK.V	21
PHEAT-5021	proteomics_heat	2822315	2822368	-	6	2	V.MTDSELMQLSEQVGQALK.A	22
PHEAT-5022	proteomics_heat	2822651	2822731	-	6	4	K.YSISQLAAAGLTPQQPLGNHQQASLLR.L	31
PHEAT-5023	proteomics_heat	2822903	2822956	-	6	2	K.GSFAGAMGYGQFMPSSYK.Q	22
PHEAT-5024	proteomics_heat	2822957	2822986	-	6	4	R.DEQDDPLNLK.G	14
PHEAT-5025	proteomics_heat	2823251	2823319	-	6	2	R.LMDNQAPTTSVKPPSPNGAWLR.Y	27
PHEAT-5026	proteomics_heat	2831845	2831931	-	5	3	F.CLRCQFFKDVFAEGAFRAEEVIRDFTPRR.S	33
PHEAT-5027	proteomics_heat	2836411	2836500	-	5	2	R.GVAVPEQVSVIGFDDIAIAPYTPALSSVK.I	34
PHEAT-5028	proteomics_heat	2836696	2836794	-	5	4	K.QTSFNAVAELINAGHQEIAFLTGSMDSPSTIER.L	37
PHEAT-5029	proteomics_heat	2840844	2840894	-	4	2	R.LLIVDATDMGLNPGEIR.I	21
PHEAT-5030	proteomics_heat	2864587	2864637	-	5	2	R.LREILQTQGLNIEALFR.E	21
PHEAT-5031	proteomics_heat	2864791	2864877	-	5	2	K.ALLDILADEKENGPEDTTQDDDMKQSIVK.W	33
PHEAT-5032	proteomics_heat	2864800	2864847	-	5	5	K.ENGPEDTTQDDDMKQS.I	20
PHEAT-5033	proteomics_heat	2864803	2864847	-	5	4	K.ENGPEDTTQDDDMKQ.S	19
PHEAT-5034	proteomics_heat	2864806	2864877	-	5	2	K.ALLDILADEKENGPEDTTQDDDMK.Q	28
PHEAT-5035	proteomics_heat	2864878	2864919	-	5	4	R.ITSVDTPLGGDSEK.A	18
PHEAT-5036	proteomics_heat	2864941	2865009	-	5	2	K.LDHEPSAEEIAEQLDKPVDDVSR.M	27
PHEAT-5037	proteomics_heat	2864941	2865024	-	5	2	R.ELSHKLDHEPSAEEIAEQLDKPVDDVSR.M	32
PHEAT-5038	proteomics_heat	2865187	2865237	-	5	19	R.GLALLDLIEEGNLGLIR.A	21
PHEAT-5039	proteomics_heat	2865331	2865414	-	5	4	R.VLDATQLYLGEIGYSPLLTAAEEVYFAR.R	32
PHEAT-5040	proteomics_heat	2865415	2865489	-	5	8	K.ALVEQEPSDNDLAAEELLSQGATQR.V	29
PHEAT-5041	proteomics_heat	2865702	2865740	-	4	3	K.IATMGSTGTSSTR.L	17
PHEAT-5042	proteomics_heat	2865771	2865824	-	4	6	K.HNDDYLSAYAHNDTMLVR.E	22

PHEAT-5043	proteomics_heat	2865825	2865851	-	4	2	R.GYGNLIHK.H	13
PHEAT-5044	proteomics_heat	2865852	2865878	-	4	2	R.VVYAGNALR.G	13
PHEAT-5045	proteomics_heat	2865879	2865911	-	4	2	K.GQAIATADGR.V	15
PHEAT-5046	proteomics_heat	2865936	2865974	-	4	2	K.VIETFGASEGGNK.G	17
PHEAT-5047	proteomics_heat	2865993	2866115	-	4	2	K.MLPNNKPTATTVTAPVTVPTASTTEPTVSSTSTSTPISTWR.W	45
PHEAT-5048	proteomics_heat	2866347	2866397	-	4	2	K.KGDTLFYIAWITGNDFR.D	21
PHEAT-5049	proteomics_heat	2866467	2866565	-	4	7	I.QPVQQPQIQATQQPQIQPVQPVAQQPVQMENGR.I	37
PHEAT-5050	proteomics_heat	2866467	2866601	-	4	2	K.MGTTSTAQQPQIQPVQPQIQATQQPQIQPVQPVAQQPVQMENGR.I	49
PHEAT-5051	proteomics_heat	2866948	2866989	-	5	3	R.RGGEFIIDTVEAVR.F	18
PHEAT-5052	proteomics_heat	2867227	2867307	-	5	2	R.VLEIGTGSQYQTAILAHLVQHVCSEVER.I	31
PHEAT-5053	proteomics_heat	2867500	2867529	-	5	3	R.RVQALLDQLR.A	14
PHEAT-5054	proteomics_heat	2867721	2867759	-	4	2	R.HPADQVIPQQDPR.G	17
PHEAT-5055	proteomics_heat	2868234	2868290	-	4	2	R.ILSNDDGVHAPGIQTLAK.A	23
PHEAT-5056	proteomics_heat	2868280	2868321	-	5	2	R.ELINTTGDYAHIAE.-	18
PHEAT-5057	proteomics_heat	2868454	2868519	-	5	11	R.EALAFEQAAVAETELQALLVR.E	26
PHEAT-5058	proteomics_heat	2868637	2868687	-	5	2	K.ADVNQVVDGDALQLAGR.G	21
PHEAT-5059	proteomics_heat	2868769	2868795	-	5	2	R.WAQTNTPV.R.D	13
PHEAT-5060	proteomics_heat	2868796	2868834	-	5	2	R.FGIGGSNLQGAQR.W	17
PHEAT-5061	proteomics_heat	2869264	2869326	-	5	2	K.MIEFDNLTYLHGKPPQGTGLLK.A	25
PHEAT-5062	proteomics_heat	2869413	2869463	-	4	4	R.VFIAEDLGCHMDDVNVK.A	21
PHEAT-5063	proteomics_heat	2869626	2869715	-	4	6	K.GLLAHSDDGVALHALTDALLGAAALGDIGK.L	34
PHEAT-5064	proteomics_heat	2869731	2869796	-	4	8	R.IGHGFVDVHAFGGEGPIIIGGVR.I	26
PHEAT-5065	proteomics_heat	2869826	2869873	-	6	2	K.VTRPEDLALAEFYLR.T	20
PHEAT-5066	proteomics_heat	2869889	2869972	-	6	3	R.ALNEGATITDEASALEYCGFHPQLVEGR.A	32
PHEAT-5067	proteomics_heat	2870000	2870041	-	6	2	R.NGLWHALTPQFFPR.E	18
PHEAT-5068	proteomics_heat	2870042	2870068	-	6	2	K.NAIAHTVDR.N	13
PHEAT-5069	proteomics_heat	2870456	2870509	-	6	3	M.ATTHLDVCAVPAAGFGR.R	22
PHEAT-5070	proteomics_heat	2870708	2870749	-	6	4	R.VNDDVAAQQATNAK.L	18
PHEAT-5071	proteomics_heat	2871589	2871636	-	5	2	R.FIEVFVDTPLAICEAR.D	20
PHEAT-5072	proteomics_heat	2871766	2871810	-	5	4	R.HGLCSDLGFSADARK.E	19
PHEAT-5073	proteomics_heat	2871811	2871852	-	5	2	K.LGVSTYLLDGDNVR.H	18
PHEAT-5074	proteomics_heat	2871853	2871891	-	5	2	K.STVAGALEEALHK.L	17
PHEAT-5075	proteomics_heat	2871955	2872011	-	5	3	M.ALHDENVVWHHPVTVQQR.E	23
PHEAT-5076	proteomics_heat	2872062	2872172	-	4	12	R.LSNVTGAGMVEPVSQATAAPSEFSAFELELNALVR.R	41
PHEAT-5077	proteomics_heat	2872173	2872217	-	4	6	R.YQQNPVTGGLIFIDR.L	19
PHEAT-5078	proteomics_heat	2872218	2872292	-	4	24	R.EVENLPLNGIGLVDLTFDEPLVLDLDR.Y	29
PHEAT-5079	proteomics_heat	2872293	2872325	-	4	4	R.YQVDINNLTQR.E	15
PHEAT-5080	proteomics_heat	2872569	2872604	-	4	3	K.VLPSGVESNVAR.I	16
PHEAT-5081	proteomics_heat	2872569	2872610	-	4	2	R.VKVLPSPGVESNVAR.I	18
PHEAT-5082	proteomics_heat	2872701	2872724	-	4	4	R.VVDAQPMR.F	12
PHEAT-5083	proteomics_heat	2872839	2872889	-	4	2	R.EDYLTAFAGQLPGNLDIR.F	21
PHEAT-5084	proteomics_heat	2872839	2872895	-	4	6	R.IREDYLTAFAGQLPGNLDIR.F	23
PHEAT-5085	proteomics_heat	2872896	2872934	-	4	4	K.MDLVDYSEETFR.I	17
PHEAT-5086	proteomics_heat	2872935	2872958	-	4	3	K.HLVVAINK.M	12
PHEAT-5087	proteomics_heat	2872959	2872991	-	4	6	R.HSFISTLLGIK.H	15
PHEAT-5088	proteomics_heat	2872995	2873018	-	4	4	R.KGVLDQTR.R	12

PHEAT-5089	proteomics_heat	2873019	2873075	-	4	14	R.NMATGASTCELAILLIDAR.K	23
PHEAT-5090	proteomics_heat	2873076	2873117	-	4	6	K.FIIADTPGHEQYTR.N	18
PHEAT-5091	proteomics_heat	2873175	2873216	-	4	5	K.LDLALLVDGLQAER.E	18
PHEAT-5092	proteomics_heat	2873175	2873237	-	4	11	R.HGTQGEKLDLALLVDGLQAER.E	25
PHEAT-5093	proteomics_heat	2873238	2873285	-	4	6	R.QIYEDQLSSLHNSKR.H	20
PHEAT-5094	proteomics_heat	2873241	2873285	-	4	2	R.QIYEDQLSSLHNSK.R	19
PHEAT-5095	proteomics_heat	2873304	2873354	-	4	3	R.FLTCSVDDGKSTLIGR.L	21
PHEAT-5096	proteomics_heat	2873322	2873354	-	4	4	R.FLTCSVDDGK.S	15
PHEAT-5097	proteomics_heat	2873367	2873441	-	4	9	K.MNTALAQQIANEGGVEAWMIAQQHK.S	29
PHEAT-5098	proteomics_heat	2873464	2873490	-	5	2	R.DQAGSMELK.K	13
PHEAT-5099	proteomics_heat	2873464	2873502	-	5	5	R.VIDRDQAGSMELK.K	17
PHEAT-5100	proteomics_heat	2873512	2873610	-	5	27	R.TLGCWPLTGAVESNAQTLPEIIEEMLVSTTSER.Q	37
PHEAT-5101	proteomics_heat	2873632	2873694	-	5	3	R.DGMLMMIDNRIIDLQPGEVIK.K	25
PHEAT-5102	proteomics_heat	2873806	2873835	-	5	2	N.GQINKGESIR.V	14
PHEAT-5103	proteomics_heat	2873821	2873868	-	5	5	K.NQRPELWHNYNGQINK.G	20
PHEAT-5104	proteomics_heat	2873944	2873976	-	5	3	K.YGFDAAFGGAR.R	15
PHEAT-5105	proteomics_heat	2874025	2874078	-	5	7	K.NPEGVAMGINPFVHGSAK.H	22
PHEAT-5106	proteomics_heat	2874025	2874108	-	5	3	K.AYGCELLVHKNPEGVAMGINPFVHGSAK.H	32
PHEAT-5107	proteomics_heat	2874148	2874168	-	5	2	L.HVDTGWK.F	11
PHEAT-5108	proteomics_heat	2874148	2874204	-	5	5	K.AFYPGTLPFLLHVDTGWK.F	23
PHEAT-5109	proteomics_heat	2874148	2874207	-	5	11	R.KAFYPGTLPFLLHVDTGWK.F	24
PHEAT-5110	proteomics_heat	2874208	2874237	-	5	5	K.DSSVMLHLAR.K	14
PHEAT-5111	proteomics_heat	2874238	2874288	-	5	7	R.EVAAEFSNPVMLYSIGK.D	21
PHEAT-5112	proteomics_heat	2874289	2874321	-	5	2	R.QLEAESIHIIIR.E	15
PHEAT-5113	proteomics_heat	2879781	2879852	-	4	2	E.KISADAVTPWVVGGEIAWFCEQVAK.A	28
PHEAT-5114	proteomics_heat	2885678	2885734	-	6	7	K.YHPLWDEGYLSVGDTHTR.K	23
PHEAT-5115	proteomics_heat	2885909	2885944	-	6	5	K.YNDINKVEPMNR.A	16
PHEAT-5116	proteomics_heat	2885945	2885977	-	6	2	K.LWEQGVGIEK.Y	15
PHEAT-5117	proteomics_heat	2885987	2886019	-	6	2	R.ATESAAWQEAR.Y	15
PHEAT-5118	proteomics_heat	2886041	2886070	-	6	2	R.FIDELTDKLL.L	14
PHEAT-5119	proteomics_heat	2886227	2886283	-	6	2	R.ILALAETNAELEKLDAGEGR.V	23
PHEAT-5120	proteomics_heat	2886284	2886331	-	6	5	M.SKLDLNLNELPKVDR.I	20
PHEAT-5121	proteomics_heat	2886293	2886331	-	6	5	M.SKLDLNLNELPK.V	17
PHEAT-5122	proteomics_heat	2886424	2886459	-	5	4	R.AGIIRPVLDPAR.D	16
PHEAT-5123	proteomics_heat	2886460	2886495	-	5	2	R.EAGEGFGDFTVR.A	16
PHEAT-5124	proteomics_heat	2886460	2886501	-	5	4	K.EREAGEGFGDFTVR.A	18
PHEAT-5125	proteomics_heat	2886511	2886564	-	5	9	K.ENITEPEILASLDELIGR.W	22
PHEAT-5126	proteomics_heat	2886511	2886573	-	5	7	R.MYKENITEPEILASLDELIGR.W	25
PHEAT-5127	proteomics_heat	2886634	2886666	-	5	3	R.AMLAEVGLVGK.A	15
PHEAT-5128	proteomics_heat	2886697	2886729	-	5	3	K.HGVSDEHIVMR.V	15
PHEAT-5129	proteomics_heat	2886730	2886774	-	5	10	R.FLPSFIDNIDNLMAK.H	19
PHEAT-5130	proteomics_heat	2886775	2886837	-	5	3	R.ENSMACVSFPTCLAMAEAEER.F	25
PHEAT-5131	proteomics_heat	2886838	2886873	-	5	2	K.ESGLMNAVTPQR.E	16
PHEAT-5132	proteomics_heat	2886898	2886948	-	5	7	R.ITANQNLIAGVPESEK.A	21
PHEAT-5133	proteomics_heat	2887024	2887071	-	5	3	K.GIDDNWHLTLFIENGR.I	20
PHEAT-5134	proteomics_heat	2887096	2887131	-	5	2	K.FEPIRPYEFTGR.G	16



PHEAT-5135	proteomics_heat	2887240	2887314	-	5	68	R.TASEFGYLPLEHTLAVAEAVTTQR.D	29
PHEAT-5136	proteomics_heat	2887327	2887386	-	5	2	K.LVGFNLLVGGGLSIEHGNKK.T	24
PHEAT-5137	proteomics_heat	2887480	2887530	-	5	9	K.VATTDEEPILGQTYLPR.K	21
PHEAT-5138	proteomics_heat	2887570	2887593	-	5	5	K.ISEHLLPR.T	12
PHEAT-5139	proteomics_heat	2887597	2887662	-	5	3	R.NVLCTSNPYESQLHAEAYEWAK.K	26
PHEAT-5140	proteomics_heat	2887663	2887737	-	5	5	K.NVKPVHQMLHSVGLDALATANDMNR.N	29
PHEAT-5141	proteomics_heat	2887741	2887770	-	5	2	R.QTFQFHGILK.K	14
PHEAT-5142	proteomics_heat	2887783	2887818	-	5	2	K.FAGENTIYGSR.L	16
PHEAT-5143	proteomics_heat	2887840	2887866	-	5	4	R.LPGGVITTK.Q	13
PHEAT-5144	proteomics_heat	2887891	2887914	-	5	2	R.AEQKLEPR.H	12
PHEAT-5145	proteomics_heat	2887924	2887962	-	5	3	R.FHGMYQQDDRRDIR.A	17
PHEAT-5146	proteomics_heat	2887933	2887962	-	5	2	R.FHGMYQQDDR.D	14
PHEAT-5147	proteomics_heat	2887963	2888034	-	5	10	R.GTIAEDLNDGLTGGFKGDNFLLIR.F	28
PHEAT-5148	proteomics_heat	2887987	2888034	-	5	3	R.GTIAEDLNDGLTGGFK.G	20
PHEAT-5149	proteomics_heat	2888080	2888118	-	5	3	M.SEKHGPLVVEGK.L	17
PHEAT-5150	proteomics_heat	2888154	2888240	-	4	2	K.DVEQALLEVIAEFGGMDTEAADEFELSELR.V	33
PHEAT-5151	proteomics_heat	2888250	2888297	-	4	10	R.WINDGAHIYVCGDANR.M	20
PHEAT-5152	proteomics_heat	2888328	2888351	-	4	2	K.EKVYVQDK.L	12
PHEAT-5153	proteomics_heat	2888424	2888474	-	4	2	K.NWLFFGNPHFTEDFLYQ.V	21
PHEAT-5154	proteomics_heat	2888517	2888582	-	4	8	R.LPANPETPVIMIGPGTGIAPFR.A	26
PHEAT-5155	proteomics_heat	2888583	2888612	-	4	5	R.VFIEHNDNFR.L	14
PHEAT-5156	proteomics_heat	2888613	2888669	-	4	11	R.AGGASSFLADRVEEEGEVR.V	23
PHEAT-5157	proteomics_heat	2888694	2888762	-	4	5	R.LYSIASSQAEVENEVHVTGVVVR.Y	27
PHEAT-5158	proteomics_heat	2888763	2888825	-	4	4	R.FSPAQLDAEALINLLRPLTPR.L	25
PHEAT-5159	proteomics_heat	2888778	2888825	-	4	3	R.FSPAQLDAEALINLLR.P	20
PHEAT-5160	proteomics_heat	2888826	2888870	-	4	8	K.LQHYAATTPIVDMVR.F	19
PHEAT-5161	proteomics_heat	2888877	2888909	-	4	5	R.SETLLPLVGDK.A	15
PHEAT-5162	proteomics_heat	2889000	2889029	-	4	5	K.GDEPVTVEGK.T	14
PHEAT-5163	proteomics_heat	2889000	2889056	-	4	6	K.ELVELLWLKGDEPVTVEGK.T	23
PHEAT-5164	proteomics_heat	2889030	2889056	-	4	3	K.ELVELLWLK.G	13
PHEAT-5165	proteomics_heat	2889057	2889113	-	4	7	R.YQPGDALGVWYQNDPALVK.E	23
PHEAT-5166	proteomics_heat	2889114	2889149	-	4	8	R.HIEIDLGDSGMR.Y	16
PHEAT-5167	proteomics_heat	2889183	2889221	-	4	12	K.DAPLVASLSVNQK.I	17
PHEAT-5168	proteomics_heat	2889222	2889296	-	4	9	R.APVAAPSQSVATGAVNEIHTSPYSK.D	29
PHEAT-5169	proteomics_heat	2889222	2889302	-	4	14	K.SRAPVAAPSQSVATGAVNEIHTSPYSK.D	31
PHEAT-5170	proteomics_heat	2889327	2889371	-	4	8	R.VDADVEYQAAASEWR.A	19
PHEAT-5171	proteomics_heat	2889327	2889383	-	4	2	R.LLDRVDADVEYQAAASEWR.A	23
PHEAT-5172	proteomics_heat	2889522	2889590	-	4	7	K.LLIVVTSTQGEPEPEEVALHK.F	27
PHEAT-5173	proteomics_heat	2889615	2889638	-	4	3	K.LVNAGDYK.F	12
PHEAT-5174	proteomics_heat	2889651	2889689	-	4	4	R.VAEALRDDLLAAK.L	17
PHEAT-5175	proteomics_heat	2889861	2889917	-	4	13	M.TTQVPPSALLPLNPEQLAR.L	23
PHEAT-5176	proteomics_heat	2897543	2897620	-	6	17	R.WGDTQDLMGAAVFLASPASNYVNGHL.L	30
PHEAT-5177	proteomics_heat	2902889	2902942	-	6	4	R.DIEALDELLATLTDDKPR.V	22
PHEAT-5178	proteomics_heat	2903111	2903179	-	6	4	R.HVVITGGEPCHDLLPLTDLLEK.N	27
PHEAT-5179	proteomics_heat	2903194	2903241	-	5	4	S.GGLRAVKICWLSLVAR.D	20
PHEAT-5180	proteomics_heat	2904686	2904730	-	6	6	R.IEEALGEKAPYNGRK.E	19

PHEAT-5181	proteomics_heat	2904689	2904730	-	6	8	R.IEEALGEKAPYNGR.K	18
PHEAT-5182	proteomics_heat	2904707	2904730	-	6	4	R.IEEALGEK.A	12
PHEAT-5183	proteomics_heat	2904707	2904736	-	6	2	L.IRIEEALGEK.A	14
PHEAT-5184	proteomics_heat	2904785	2904820	-	6	2	A.DLAVGTAAGQIK.T	16
PHEAT-5185	proteomics_heat	2904785	2904850	-	6	120	R.SGETEDATIADLAVGTAAGQIK.T	26
PHEAT-5186	proteomics_heat	2904785	2904880	-	6	20	D.AGYTAVISHRSGETEDATIADLAVGTAAGQIK.T	36
PHEAT-5187	proteomics_heat	2904851	2904877	-	6	3	A.GYTAVISHR.S	13
PHEAT-5188	proteomics_heat	2904851	2904883	-	6	16	K.DAGYTAVISHR.S	15
PHEAT-5189	proteomics_heat	2904854	2904883	-	6	6	K.DAGYTAVISH.R	14
PHEAT-5190	proteomics_heat	2904893	2904937	-	6	40	K.FNQIGSLTETLAAIK.M	19
PHEAT-5191	proteomics_heat	2904938	2904964	-	6	5	K.GIANSILIK.F	13
PHEAT-5192	proteomics_heat	2904965	2904988	-	6	10	K.ILKEGIEK.G	12
PHEAT-5193	proteomics_heat	2904989	2905030	-	6	35	K.IQLVGDDFLVNTNK.I	18
PHEAT-5194	proteomics_heat	2904989	2905045	-	6	25	K.VLGDKIQLVGDDFLVNTNK.I	23
PHEAT-5195	proteomics_heat	2905046	2905117	-	6	61	K.QYPIVSIEDGLDESDWDGFAYQTK.V	28
PHEAT-5196	proteomics_heat	2905118	2905165	-	6	82	K.AFTSEEFTHFLEELTK.Q	20
PHEAT-5197	proteomics_heat	2905118	2905168	-	6	2	N.KAFTSEEFTHFLEELTK.Q	21
PHEAT-5198	proteomics_heat	2905166	2905192	-	6	10	K.YVLAGEGNK.A	13
PHEAT-5199	proteomics_heat	2905193	2905246	-	6	24	K.DITLAMDCAASEFYKDGK.Y	22
PHEAT-5200	proteomics_heat	2905193	2905270	-	6	22	K.AAGYELGKDITLAMDCAASEFYKDGK.Y	30
PHEAT-5201	proteomics_heat	2905193	2905276	-	6	6	A.VKAAGYELGKDITLAMDCAASEFYKDGK.Y	32
PHEAT-5202	proteomics_heat	2905202	2905246	-	6	30	K.DITLAMDCAASEFYK.D	19
PHEAT-5203	proteomics_heat	2905202	2905270	-	6	42	K.AAGYELGKDITLAMDCAASEFYK.D	27
PHEAT-5204	proteomics_heat	2905271	2905363	-	6	107	K.GMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	35
PHEAT-5205	proteomics_heat	2905271	2905369	-	6	3	K.AKGMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	37
PHEAT-5206	proteomics_heat	2905271	2905402	-	6	2	S.EVFHHLAKVLKAKGMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	48
PHEAT-5207	proteomics_heat	2905379	2905411	-	6	3	R.MGSEVFHHLAK.V	15
PHEAT-5208	proteomics_heat	2905385	2905411	-	6	2	R.MGSEVFHHL.A	13
PHEAT-5209	proteomics_heat	2905433	2905507	-	6	4	N.IINGGEHADNNVDIQEFMIQPVGAK.T	29
PHEAT-5210	proteomics_heat	2905433	2905513	-	6	24	M.MNIINGGEHADNNVDIQEFMIQPVGAK.T	31
PHEAT-5211	proteomics_heat	2905433	2905516	-	6	7	P.MMNIINGGEHADNNVDIQEFMIQPVGAK.T	32
PHEAT-5212	proteomics_heat	2905433	2905534	-	6	54	K.YSMPVPMNMIINGGEHADNNVDIQEFMIQPVGAK.T	38
PHEAT-5213	proteomics_heat	2905535	2905585	-	6	34	K.GMPLYEHIAELNGTPGK.Y	21
PHEAT-5214	proteomics_heat	2905604	2905636	-	6	3	N.AILAVSLANAK.A	15
PHEAT-5215	proteomics_heat	2905604	2905648	-	6	57	K.FGANAILAVSLANAK.A	19
PHEAT-5216	proteomics_heat	2905604	2905654	-	6	34	K.SKFGANAILAVSLANAK.A	21
PHEAT-5217	proteomics_heat	2905655	2905687	-	6	12	K.IMIDLDTENK.S	15
PHEAT-5218	proteomics_heat	2905655	2905708	-	6	8	K.DQAGIDKIMIDLDTENK.S	22
PHEAT-5219	proteomics_heat	2905718	2905765	-	6	19	K.AVAAVNGPIAQALIGK.D	20
PHEAT-5220	proteomics_heat	2905826	2905915	-	6	148	R.GNPTVEAEVHLEGGFVGMAAAPSGASTGSR.E	34
PHEAT-5221	proteomics_heat	2906120	2906215	-	6	3	R.SGDDQLVEIIEVPNHPWFVACQFHPEFTSTPR.D	36
PHEAT-5222	proteomics_heat	2906252	2906278	-	6	2	R.YEVNNMLLK.Q	13
PHEAT-5223	proteomics_heat	2906252	2906284	-	6	2	R.HRYEVNNMLLK.Q	15
PHEAT-5224	proteomics_heat	2906291	2906323	-	6	2	R.QLYNAPTIVER.H	15
PHEAT-5225	proteomics_heat	2906324	2906368	-	6	6	R.LGAQQCQLVDDSLVR.Q	19
PHEAT-5226	proteomics_heat	2906402	2906428	-	6	5	R.DENGNVEVR.S	13

PHEAT-5227	proteomics_heat	2906462	2906515	-	6	8	R.HVANMENANSTEFVPDCK.Y	22
PHEAT-5228	proteomics_heat	2906621	2906662	-	6	5	K.GLDAILVPGGFGYR.G	18
PHEAT-5229	proteomics_heat	2906681	2906710	-	6	6	K.LIDSQDVETR.G	14
PHEAT-5230	proteomics_heat	2906798	2906899	-	6	4	R.FSLNCP EANLSEWEQVIFEEANPVSEVTIGMVGK.Y	38
PHEAT-5231	proteomics_heat	2906900	2906932	-	6	3	K.SQGLDDYICKR.F	15
PHEAT-5232	proteomics_heat	2906951	2906971	-	6	3	K.DVDSIYK.I	11
PHEAT-5233	proteomics_heat	2906951	2906989	-	6	2	K.AVISLKDVDSIYK.I	17
PHEAT-5234	proteomics_heat	2907056	2907100	-	6	6	K.ELLSIGIQPDILICR.S	19
PHEAT-5235	proteomics_heat	2907128	2907190	-	6	3	R.EHTLFMHLTLVPYMAASGEVK.T	25
PHEAT-5236	proteomics_heat	2907317	2907373	-	6	4	R.GDYLGATVQVIPHITNAIK.E	23
PHEAT-5237	proteomics_heat	2907317	2907376	-	6	9	R.RGDYLGATVQVIPHITNAIK.E	24
PHEAT-5238	proteomics_heat	2907383	2907406	-	6	4	R.IYSDVLRK.E	12
PHEAT-5239	proteomics_heat	2907386	2907406	-	6	2	R.IYSDVLR.K	11
PHEAT-5240	proteomics_heat	2907593	2907634	-	6	2	K.GIAAASLAAILEAR.G	18
PHEAT-5241	proteomics_heat	2908877	2908906	-	6	4	R.DGVALADQVK.S	14
PHEAT-5242	proteomics_heat	2908988	2909050	-	6	2	K.GSEQAGHRPAVVLSPFMYNNK.T	25
PHEAT-5243	proteomics_heat	2909131	2909214	-	5	2	K.EPVFTLAELVNDITPENLHENIDWGEPK.D	32
PHEAT-5244	proteomics_heat	2909940	2910017	-	4	3	R.LNQMVNLFQSQFNKPSAEEQDAAALK.Q	30
PHEAT-5245	proteomics_heat	2910018	2910074	-	4	5	R.YNFNDVDELLAAIGGGDIR.L	23
PHEAT-5246	proteomics_heat	2910678	2910770	-	4	2	R.HLPDEFDDYVANPKPNGYQSIHTVVLGPGGK.T	35
PHEAT-5247	proteomics_heat	2910963	2910998	-	4	3	R.EHYIEEFVGHRL.A	16
PHEAT-5248	proteomics_heat	2911263	2911313	-	4	2	K.ATHTDSVSSEQVDNVR.R	21
PHEAT-5249	proteomics_heat	2911266	2911313	-	4	3	K.ATHTDSVSSEQVDNVR.R	20
PHEAT-5250	proteomics_heat	2911341	2911370	-	4	2	K.SVVNLIHGVR.D	14
PHEAT-5251	proteomics_heat	2911386	2911442	-	4	2	R.AALLFPLADANVVSSEVLR.E	23
PHEAT-5252	proteomics_heat	2917977	2918078	-	4	11	R.ITVDPNGAWLLDEAISLCKGLNDVLTAEPCGA.E	38
PHEAT-5253	proteomics_heat	2921809	2921865	-	5	3	R.ALILAELEKLDALFADDAS.-	23
PHEAT-5254	proteomics_heat	2922760	2922813	-	5	4	R.THLASNLAEFNLQKPLL.-	22
PHEAT-5255	proteomics_heat	2922931	2922969	-	5	2	R.VQENLIGHLVTQK.R	17
PHEAT-5256	proteomics_heat	2922931	2922972	-	5	2	R.RVQENLIGHLVTQK.R	18
PHEAT-5257	proteomics_heat	2930415	2930468	-	4	3	K.AATGVDALTHAIEGYITR.G	22
PHEAT-5258	proteomics_heat	2938414	2938461	-	5	2	R.SNISWMVCDMVEKPAK.V	20
PHEAT-5259	proteomics_heat	2938573	2938641	-	5	2	R.LANGMWAVDLGACPGGWTYQLVK.R	27
PHEAT-5260	proteomics_heat	2938642	2938692	-	5	6	K.LEEAFHVFIPEWDER.L	21
PHEAT-5261	proteomics_heat	2938834	2938869	-	5	2	R.DAGVLANYETPK.R	16
PHEAT-5262	proteomics_heat	2938912	2938953	-	5	2	R.VEVAADTNESKELLK.F	18
PHEAT-5263	proteomics_heat	2940464	2940514	-	6	3	R.AAEELFVTQAAVSHQIK.S	21
PHEAT-5264	proteomics_heat	2941009	2941068	-	5	2	R.TIVSDGKPTDNDTGMISYK.D	24
PHEAT-5265	proteomics_heat	2943352	2943426	-	5	3	K.IPLVTTGGAGGQIDPTQIQVTDLAK.T	29
PHEAT-5266	proteomics_heat	2943460	2943561	-	5	23	R.VTVVDDFVTPDNVAQYMSVGYSYVIDAIDSVRPK.A	38
PHEAT-5267	proteomics_heat	2949437	2949490	-	6	3	R.LTGTHVPAGTGTEASLR.D	22
PHEAT-5268	proteomics_heat	2951899	2951976	-	5	2	R.LTDILHISELLQEAGTQLESEHALVR.W	30
PHEAT-5269	proteomics_heat	2954111	2954194	-	6	2	K.LADFFHQAVVEPQGMALISQISGSQNGK.A	32
PHEAT-5270	proteomics_heat	2954282	2954374	-	6	3	R.AMKPDEFAQIQQAVITQMLQAPQTLGEEASK.L	35
PHEAT-5271	proteomics_heat	2955308	2955352	-	6	2	K.KYDHP ELIVDESNLR.V	19
PHEAT-5272	proteomics_heat	2955599	2955643	-	6	2	R.VPVEHTLDAVNIADR.Y	19

PHEAT-5273	proteomics_heat	2955953	2955994	-	6	2	R.SKTDELITYLIGNR.S	18
PHEAT-5274	proteomics_heat	2956235	2956315	-	6	3	K.FSGGNLETLSDKPGNPVQQALKDFHEK.Y	31
PHEAT-5275	proteomics_heat	2956316	2956366	-	6	3	R.MAQVSAETINPAHPGSK.F	21
PHEAT-5276	proteomics_heat	2956571	2956609	-	6	3	K.KYPQADSLAEYLK.M	17
PHEAT-5277	proteomics_heat	2959536	2959616	-	4	4	R.DSENAGQLFNSDGEQDVGNPLLASWGK.L	31
PHEAT-5278	proteomics_heat	2962401	2962448	-	4	5	R.FEDFEIEGYDHPHGK.A	20
PHEAT-5279	proteomics_heat	2962704	2962757	-	4	2	K.MALAPCHAFFQFYVADGK.L	22
PHEAT-5280	proteomics_heat	2962818	2962856	-	4	9	R.HIDQITTVLNQLK.N	17
PHEAT-5281	proteomics_heat	2963034	2963075	-	4	2	M.RFNLQDGFPLVTTK.R	18
PHEAT-5282	proteomics_heat	2963073	2963114	-	4	3	R.TGTGTLSIFGHQMR.F	18
PHEAT-5283	proteomics_heat	2963115	2963147	-	4	3	K.VLDEGTQKNDR.T	15
PHEAT-5284	proteomics_heat	2963148	2963177	-	4	5	T.MKQYLELMQK.V	14
PHEAT-5285	proteomics_heat	2963475	2963549	-	4	3	R.TEDILLLQTNPQWQSIFDITYGVLPR.H	29
PHEAT-5286	proteomics_heat	2963550	2963594	-	4	3	R.VDPNFPFAMLFPGSR.T	19
PHEAT-5287	proteomics_heat	2964306	2964344	-	4	4	R.RIDYAEAENLAQR.S	17
PHEAT-5288	proteomics_heat	2964627	2964683	-	4	2	R.IGIMLEVPSMVFMPLHLAK.R	23
PHEAT-5289	proteomics_heat	2965107	2965148	-	4	3	K.VMLNAGLSPEHEEK.L	18
PHEAT-5290	proteomics_heat	2965314	2965370	-	4	2	R.ALGIPTVMGADIQPSVLHR.R	23
PHEAT-5291	proteomics_heat	2965371	2965409	-	4	2	R.DGAANSHAAIMVR.A	17
PHEAT-5292	proteomics_heat	2965698	2965748	-	4	3	K.ETAAIFDLYSHLLSDTR.L	21
PHEAT-5293	proteomics_heat	2965785	2965826	-	4	3	E.RLTGALEEAANEFR.R	18
PHEAT-5294	proteomics_heat	2973950	2973985	-	6	2	R.VTGDTQALKGER.V	16
PHEAT-5295	proteomics_heat	2975845	2975946	-	5	3	R.SLEHAPTIVETVAGPLCESGDVFTQQEGGNVETR.A	38
PHEAT-5296	proteomics_heat	2975947	2976000	-	5	2	R.PAMYGSYHHISALAADGR.S	22
PHEAT-5297	proteomics_heat	2976001	2976042	-	5	8	R.HFVLVDAGFNDLMR.P	18
PHEAT-5298	proteomics_heat	2976382	2976432	-	5	8	K.HGIWYTDLPAALDVIQR.H	21
PHEAT-5299	proteomics_heat	2976508	2976588	-	5	4	R.VSELQIPVNAGSVDMLDQLGQVSPGHR.V	31
PHEAT-5300	proteomics_heat	2976589	2976675	-	5	6	R.ALAAGYNPQTHPDDIVFTADVIDQATLER.V	33
PHEAT-5301	proteomics_heat	2976811	2976864	-	5	7	R.LPAEFGCPVWVYDAQIIR.R	22
PHEAT-5302	proteomics_heat	2976865	2976918	-	5	4	M.PHSLFSTDTDLTAENLLR.L	22
PHEAT-5303	proteomics_heat	2978499	2978570	-	4	3	R.LGGLHSAQVLLHSVDFHEIEECQR.R	28
PHEAT-5304	proteomics_heat	2980681	2980746	-	5	2	K.HNINVNAIAPGYMATNNTQQLR.A	26
PHEAT-5305	proteomics_heat	2983510	2983560	-	5	2	R.GALAGHSAVELGSLVVK.A	21
PHEAT-5306	proteomics_heat	3024806	3024880	-	6	2	R.AWPGKTLHMPRGDSLVIAILCRLRS.A	29
PHEAT-5307	proteomics_heat	3029598	3029702	-	4	2	G.VTAAKVTDIITGRRIPKRIPIHCNNVTIPQQR.S	39
PHEAT-5308	proteomics_heat	3031718	3031753	-	6	6	R.MVMLFTNSHTIR.D	16
PHEAT-5309	proteomics_heat	3031754	3031855	-	6	4	K.DAGDDEAMFYDEYVTALEHGLPPTAGLIGIDR.M	38
PHEAT-5310	proteomics_heat	3031856	3031879	-	6	3	R.FLDQVAAK.D	12
PHEAT-5311	proteomics_heat	3031880	3031933	-	6	3	R.EIGNGFSELNDAEDQAQR.F	22
PHEAT-5312	proteomics_heat	3031934	3031990	-	6	15	R.RNDVNPEITDRFEFFIGGR.E	23
PHEAT-5313	proteomics_heat	3031934	3031990	-	6	15	R.RNDVNPEITDRFEFFIGGR.E	23
PHEAT-5314	proteomics_heat	3031958	3031990	-	6	3	R.RNDVNPEITDR.F	15
PHEAT-5315	proteomics_heat	3031958	3031990	-	6	3	R.RNDVNPEITDR.F	15
PHEAT-5316	proteomics_heat	3031991	3032086	-	6	31	R.IVTEIFEVVAEHLIQPTFITEYPAEVSPLAR.R	36
PHEAT-5317	proteomics_heat	3032105	3032140	-	6	6	K.AIAESIGIHVEK.S	16
PHEAT-5318	proteomics_heat	3032141	3032191	-	6	6	K.YRPETDMADLDNFDSA.K	21

PHEAT-5319	proteomics_heat	3032141	3032194	-	6	4	K.KYRPETDMADLDNFDSA.K.A	22
PHEAT-5320	proteomics_heat	3032219	3032272	-	6	16	K.TEVTYGDVTLDFGKPFK.L	22
PHEAT-5321	proteomics_heat	3032273	3032299	-	6	2	R.TLAQDILGK.T	13
PHEAT-5322	proteomics_heat	3032300	3032332	-	6	4	K.DLIELTESLFR.T	15
PHEAT-5323	proteomics_heat	3032300	3032332	-	6	4	K.DLIELTESLFR.T	15
PHEAT-5324	proteomics_heat	3032300	3032350	-	6	15	M.AYADYKDLIELTESLFR.T	21
PHEAT-5325	proteomics_heat	3032351	3032386	-	6	2	R.HNPEFTMMELYM.A	16
PHEAT-5326	proteomics_heat	3032351	3032386	-	6	2	R.HNPEFTMMELYM.A	16
PHEAT-5327	proteomics_heat	3032486	3032533	-	6	35	R.PFITHHNALDLDMYLR.I	20
PHEAT-5328	proteomics_heat	3032486	3032533	-	6	35	R.PFITHHNALDLDMYLR.I	20
PHEAT-5329	proteomics_heat	3032486	3032593	-	6	2	R.GFMEVETPMMQVIPGGAAARPFIHHNALDLDMYLR.I	40
PHEAT-5330	proteomics_heat	3032534	3032593	-	6	3	R.GFMEVETPMMQVIPGGAAAR.P	24
PHEAT-5331	proteomics_heat	3032594	3032611	-	6	2	R.QFMVNR.G	10
PHEAT-5332	proteomics_heat	3032654	3032686	-	6	5	R.YLDLISNDESR.N	15
PHEAT-5333	proteomics_heat	3032699	3032728	-	6	6	K.FHGLQDQEAR.Y	14
PHEAT-5334	proteomics_heat	3032699	3032752	-	6	3	K.ALRLPDKFHGLQDQEAR.Y	22
PHEAT-5335	proteomics_heat	3032714	3032752	-	6	2	K.ALRLPDKFHGLQ.D	17
PHEAT-5336	proteomics_heat	3032714	3032752	-	6	2	K.ALRLPDKFHGLQ.D	17
PHEAT-5337	proteomics_heat	3032765	3032800	-	6	5	K.TGELSIHCTELR.L	16
PHEAT-5338	proteomics_heat	3032765	3032800	-	6	5	K.TGELSIHCTELR.L	16
PHEAT-5339	proteomics_heat	3032765	3032806	-	6	2	K.TKTGELSIHCTELR.L	18
PHEAT-5340	proteomics_heat	3032822	3032851	-	6	2	K.WDLGDILGAK.G	14
PHEAT-5341	proteomics_heat	3032822	3032854	-	6	2	K.KWDLGDILGAK.G	15
PHEAT-5342	proteomics_heat	3032855	3032893	-	6	8	R.DDLPEGVYNEQFK.K	17
PHEAT-5343	proteomics_heat	3032915	3032950	-	6	4	K.ASFVTLQDVGGR.I	16
PHEAT-5344	proteomics_heat	3032915	3032950	-	6	4	K.ASFVTLQDVGGR.I	16
PHEAT-5345	proteomics_heat	3033029	3033070	-	6	3	R.DHTSDQLHAEFDGK.E	18
PHEAT-5346	proteomics_heat	3033137	3033193	-	6	7	M.SEQHAQGADAVVDLNNELK.T	23
PHEAT-5347	proteomics_heat	3033218	3033274	-	6	169	R.NTQAVLDGSLDQFIEASLK.A	23
PHEAT-5348	proteomics_heat	3033332	3033382	-	6	4	K.QAMEDNKSDIGWGSQIR.S	21
PHEAT-5349	proteomics_heat	3033395	3033421	-	6	9	K.LYELEMQKK.N	13
PHEAT-5350	proteomics_heat	3033470	3033517	-	6	24	R.ITHIPTGIVTQCQNDR.S	20
PHEAT-5351	proteomics_heat	3033584	3033664	-	6	66	R.HTSFSSAFVYPEVDDDDIDIEINPADLR.I	31
PHEAT-5352	proteomics_heat	3033584	3033667	-	6	10	R.RHTSFSSAFVYPEVDDDDIDIEINPADLR.I	32
PHEAT-5353	proteomics_heat	3033668	3033694	-	6	3	R.KSPFDSGGR.R	13
PHEAT-5354	proteomics_heat	3033725	3033757	-	6	18	K.ISGDYAYGWLR.T	15
PHEAT-5355	proteomics_heat	3033773	3033817	-	6	6	K.TEIIIESEGEVAGIK.S	19
PHEAT-5356	proteomics_heat	3033854	3033952	-	6	4	R.MFSGEYDSADCYLDIQAGSGGTEAQDWASMLER.M	37
PHEAT-5357	proteomics_heat	3033977	3034081	-	6	108	K.QGLEDVSGLLELAVEADDEETFNEAVAELDALEEK.L	39
PHEAT-5358	proteomics_heat	3034082	3034123	-	6	28	R.SSLEAVVDTLDQMK.Q	18
PHEAT-5359	proteomics_heat	3034148	3034204	-	6	10	R.LEEVNAELEQPDVWNEPER.A	23
PHEAT-5360	proteomics_heat	3034148	3034210	-	6	4	K.ERLEEVNAELEQPDVWNEPER.A	25
PHEAT-5361	proteomics_heat	3034938	3034988	-	4	2	R.FHRPVIAFAPAGDGTLK.G	21
PHEAT-5362	proteomics_heat	3035394	3035483	-	4	2	R.NIAIPNLAELLDLVALGTVADVPLDANNR.I	34
PHEAT-5363	proteomics_heat	3036152	3036175	-	6	2	K.EFLDEHQK.M	12
PHEAT-5364	proteomics_heat	3036317	3036343	-	6	4	K.AFDDVMAGK.S	13

PHEAT-5365	proteomics_heat	3036428	3036475	-	6	8	K.LHEQMADYNALGITVR.Y	20
PHEAT-5366	proteomics_heat	3036476	3036523	-	6	7	K.HVITVFTDITCGYCHK.L	20
PHEAT-5367	proteomics_heat	3036653	3036700	-	6	3	K.TVLTNSGVLYITDDGK.H	20
PHEAT-5368	proteomics_heat	3036701	3036739	-	6	3	K.SSDIQPAPVAGMK.T	17
PHEAT-5369	proteomics_heat	3036752	3036784	-	6	13	A.DDAAIQQTAK.M	15
PHEAT-5370	proteomics_heat	3037406	3037432	-	6	3	K.DLSEAQVER.L	13
PHEAT-5371	proteomics_heat	3041343	3041396	-	4	4	K.VIADIYPGQTQFYVIEFK.C	22
PHEAT-5372	proteomics_heat	3041397	3041438	-	4	4	K.HAEQENMTLTELKK.V	18
PHEAT-5373	proteomics_heat	3041544	3041582	-	4	4	K.TITIRDESESHFK.T	17
PHEAT-5374	proteomics_heat	3042164	3042214	-	6	2	E.GHPVDFVLIAFKYHFR.E	21
PHEAT-5375	proteomics_heat	3044232	3044258	-	4	4	K.RLDDVYGDR.N	13
PHEAT-5376	proteomics_heat	3044259	3044312	-	4	5	R.EVAVFPAGVADKYWPTVK.R	22
PHEAT-5377	proteomics_heat	3044313	3044405	-	4	2	K.AGVWPLEDNPLVNAPHIQSELVAEWAHPYSR.E	35
PHEAT-5378	proteomics_heat	3044469	3044555	-	4	2	R.LIDYGFHAPTMSFPVAGTLMVEPTESK.V	33
PHEAT-5379	proteomics_heat	3044556	3044633	-	4	4	R.VAHECILDIRPLKEETGISELDIAKR.L	30
PHEAT-5380	proteomics_heat	3044559	3044633	-	4	3	R.VAHECILDIRPLKEETGISELDIAK.R	29
PHEAT-5381	proteomics_heat	3044679	3044723	-	4	3	K.ASQVAILNANYIASR.L	19
PHEAT-5382	proteomics_heat	3044679	3044726	-	4	2	K.KASQVAILNANYIASR.L	20
PHEAT-5383	proteomics_heat	3044751	3044819	-	4	6	R.QGAVSAAPFGSASILPISWYIR.M	27
PHEAT-5384	proteomics_heat	3044820	3044882	-	4	3	K.AHLAPFVPGHVVQIEGMLTR.Q	25
PHEAT-5385	proteomics_heat	3044883	3044939	-	4	6	K.TFCIPHGGGGPGMGPIGVK.A	23
PHEAT-5386	proteomics_heat	3045069	3045155	-	4	2	R.AKAEQAGDNLSCIMVTYPSTHGVYEETIR.E	33
PHEAT-5387	proteomics_heat	3045312	3045389	-	4	2	K.LTGYDAVCMQPNSSGAQGEYAGLLAIR.H	30
PHEAT-5388	proteomics_heat	3045519	3045569	-	4	2	K.DLALNQAMIPLGSCTMK.L	21
PHEAT-5389	proteomics_heat	3045594	3045620	-	4	3	R.YHSETEMMR.Y	13
PHEAT-5390	proteomics_heat	3045621	3045656	-	4	2	R.DDEILTHPVFNR.Y	16
PHEAT-5391	proteomics_heat	3045621	3045680	-	4	4	R.SIQPAMLRDDEILTHPVFNR.Y	24
PHEAT-5392	proteomics_heat	3045681	3045773	-	4	5	R.ENVMQLFNVLLGDNHGLDIDTLDKDVAHDSR.S	35
PHEAT-5393	proteomics_heat	3045774	3045824	-	4	5	R.SDILNAVGITLDETTTR.E	21
PHEAT-5394	proteomics_heat	3045870	3045914	-	4	2	R.HAHYFDTLCVEVADK.A	19
PHEAT-5395	proteomics_heat	3045987	3046076	-	4	3	K.ANSNICTSQVLLANIASLYAVYHGPVGLKR.I	34
PHEAT-5396	proteomics_heat	3045990	3046076	-	4	5	K.ANSNICTSQVLLANIASLYAVYHGPVGLK.R	33
PHEAT-5397	proteomics_heat	3046119	3046145	-	4	2	K.DAAGNTALR.M	13
PHEAT-5398	proteomics_heat	3046194	3046247	-	4	3	R.FGVPMGYGGPHAAFFAAK.D	22
PHEAT-5399	proteomics_heat	3046353	3046448	-	4	14	K.VLDHQDVFGVLLQQVGTGTEIHDYALISELK.S	36
PHEAT-5400	proteomics_heat	3046500	3046547	-	4	2	R.FFVADVHPQTLDVVR.T	20
PHEAT-5401	proteomics_heat	3046695	3046763	-	4	6	R.NMLENPGWYTAYTPYQPEVSQGR.L	27
PHEAT-5402	proteomics_heat	3046695	3046799	-	4	2	G.YTAVQLPPVILRNMLENPGWYTAYTPYQPEVSQGR.L	39
PHEAT-5403	proteomics_heat	3046848	3046919	-	4	12	K.DIQLATPPQVGAPATEYAALAEK.A	28
PHEAT-5404	proteomics_heat	3046920	3047012	-	4	6	R.HIGPDAAQQEMLNAVGAQSLNALTGQIVPK.D	35
PHEAT-5405	proteomics_heat	3047013	3047060	-	4	5	M.TQTLSQLENSGAFIER.H	20
PHEAT-5406	proteomics_heat	3047185	3047259	-	5	16	K.IKASDESELESLLDATAYEALLEDE.-	29
PHEAT-5407	proteomics_heat	3047476	3047514	-	5	2	K.EADGTYTVGITEH.A	17
PHEAT-5408	proteomics_heat	3047518	3047535	-	5	2	K.EHEWLR.K	10
PHEAT-5409	proteomics_heat	3047703	3047792	-	4	6	R.FTDAQGNQHEGIITSGTFSPTLGYSIALAR.V	34
PHEAT-5410	proteomics_heat	3047748	3047792	-	4	2	R.FTDAQGNQHEGIITS.G	19

PHEAT-5411	proteomics_heat	3047823	3047849	-	4	4	K.LVGLVMTEK.G	13
PHEAT-5412	proteomics_heat	3048018	3048062	-	4	6	R.ALVEAGVKPCGLGAR.D	19
PHEAT-5413	proteomics_heat	3048195	3048224	-	4	2	K.AATLFNDAQR.Q	14
PHEAT-5414	proteomics_heat	3048225	3048272	-	4	9	R.DDLSMIAVQGPNAQAK.A	20
PHEAT-5415	proteomics_heat	3048273	3048335	-	4	4	R.EKDLSWITQHAEPFGIEITVR.D	25
PHEAT-5416	proteomics_heat	3048462	3048488	-	4	2	R.YLLANDVAK.L	13
PHEAT-5417	proteomics_heat	3048516	3048566	-	4	12	R.TDAGMFDVSHMTIVDLR.G	21
PHEAT-5418	proteomics_heat	3048567	3048638	-	4	2	R.MVDFHGWMMPLHYGSQIDEHHA VR.T	28
PHEAT-5419	proteomics_heat	3048639	3048686	-	4	4	M.AQQTPLYEQHTLCGAR.M	20
PHEAT-5420	proteomics_heat	3049866	3049889	-	4	2	K.DGSMLTAR.L	12
PHEAT-5421	proteomics_heat	3050193	3050234	-	4	2	R.VQEPLAANAPPQLR.V	18
PHEAT-5422	proteomics_heat	3050629	3050700	-	5	2	R.TVLVGNAAQTLHPIAGQG FN LGMR.D	28
PHEAT-5423	proteomics_heat	3050680	3050754	-	5	5	K.RSAYPLALTHAARSITHRTVLVGNA.A	29
PHEAT-5424	proteomics_heat	3050818	3050850	-	5	2	R.REEVLSWSDEK.F	15
PHEAT-5425	proteomics_heat	3051199	3051288	-	5	5	R.GHAGFVTLAEDYQLAALGQVVELHNVGQR.L	34
PHEAT-5426	proteomics_heat	3051546	3051584	-	4	5	K.KPEEIEALMVAAR.K	17
PHEAT-5427	proteomics_heat	3051663	3051743	-	4	5	R.ILEPGMVLTVEPGLYIAPDAEVPEQYR.G	31
PHEAT-5428	proteomics_heat	3051903	3051953	-	4	2	R.LYRPGTSILEVTGEVVR.I	21
PHEAT-5429	proteomics_heat	3051954	3051998	-	4	14	R.EIYDIVLESLETSLR.L	19
PHEAT-5430	proteomics_heat	3052062	3052103	-	4	5	R.DGDLVLIDAGCEYK.G	18
PHEAT-5431	proteomics_heat	3052104	3052184	-	4	2	R.YPSYNTIVGSGENGCILHYTENECMR.D	31
PHEAT-5432	proteomics_heat	3052269	3052301	-	4	4	R.AGEITAMAHR.A	15
PHEAT-5433	proteomics_heat	3052557	3052583	-	4	4	R.LGQDAAPEK.L	13
PHEAT-5434	proteomics_heat	3052557	3052586	-	4	2	R.RLGQDAAPEK.L	14
PHEAT-5435	proteomics_heat	3052623	3052661	-	4	9	K.SDDTHNHSVLFNR.V	17
PHEAT-5436	proteomics_heat	3052755	3052823	-	4	4	R.QALVEQMPPGSAALIFAAPVTR.S	27
PHEAT-5437	proteomics_heat	3052891	3052968	-	5	6	R.VAALLCHDTFTHPQPTAPEVQKPTLH.-	30
PHEAT-5438	proteomics_heat	3053053	3053091	-	5	3	K.VTGETGEAIDDLR.N	17
PHEAT-5439	proteomics_heat	3053053	3053100	-	5	3	K.LDKVTGETGEAIDDLR.N	20
PHEAT-5440	proteomics_heat	3055416	3055490	-	4	4	K.YSDNGSTLSAVNFPEVSLPLHGGR.L	29
PHEAT-5441	proteomics_heat	3055419	3055490	-	4	33	K.YSDNGSTLSAVNFPEVSLPLHGGR.R	28
PHEAT-5442	proteomics_heat	3055500	3055556	-	4	33	H.IGGSTQEAQENIGLEVAGK.L	23
PHEAT-5443	proteomics_heat	3055557	3055664	-	4	16	K.HLAGAAIDVFPTEPATNSDPFTSPLCEFDNVLLTPH.I	40
PHEAT-5444	proteomics_heat	3055608	3055664	-	4	4	K.HLAGAAIDVFPTEPATNSD.P	23
PHEAT-5445	proteomics_heat	3055665	3055712	-	4	28	R.GTVVDIPALCDALASK.H	20
PHEAT-5446	proteomics_heat	3055713	3055760	-	4	17	K.EISLMKPGSLLINASR.G	20
PHEAT-5447	proteomics_heat	3055779	3055862	-	4	2	N.ATQVQHLSDLLNMSDVVSLHVPENPSTK.N	32
PHEAT-5448	proteomics_heat	3055779	3055877	-	4	15	K.LPLGNATQVQHLSDLLNMSDVVSLHVPENPSTK.N	37
PHEAT-5449	proteomics_heat	3055983	3056009	-	4	2	K.LAAGSFEAR.G	13
PHEAT-5450	proteomics_heat	3056058	3056102	-	4	15	R.SVAELVIGELLLLLL.R.G	19
PHEAT-5451	proteomics_heat	3056070	3056102	-	4	2	R.SVAELVIGELL.L	15
PHEAT-5452	proteomics_heat	3056103	3056141	-	4	7	R.GIPVFNAPFSNTR.S	17
PHEAT-5453	proteomics_heat	3056103	3056144	-	4	3	K.RGIPVFNAPFSNTR.S	18
PHEAT-5454	proteomics_heat	3056142	3056183	-	4	2	C.IGTNQVDLDAAAKR.G	18
PHEAT-5455	proteomics_heat	3056142	3056186	-	4	2	F.CIGTNQVDLDAAAKR.G	19
PHEAT-5456	proteomics_heat	3056145	3056186	-	4	2	F.CIGTNQVDLDAAAK.R	18

PHEAT-5457	proteomics_heat	3056208	3056246	-	4	41	R.THLTEDVINAAEK.L	17
PHEAT-5458	proteomics_heat	3056208	3056249	-	4	2	S.RTHLTEDVINAAEK.L	18
PHEAT-5459	proteomics_heat	3056208	3056252	-	4	4	R.SRTHLTEDVINAAEK.L	19
PHEAT-5460	proteomics_heat	3056253	3056276	-	4	10	R.DAHFIGLR.S	12
PHEAT-5461	proteomics_heat	3056253	3056288	-	4	2	K.ESIRDAHFIGLR.S	16
PHEAT-5462	proteomics_heat	3056277	3056315	-	4	14	K.GALDDEQLKESIR.D	17
PHEAT-5463	proteomics_heat	3056289	3056315	-	4	4	K.GALDDEQLK.E	13
PHEAT-5464	proteomics_heat	3056316	3056348	-	4	21	R.AAGYTNIIEFHK.G	15
PHEAT-5465	proteomics_heat	3056367	3056390	-	4	3	L.LVEGVHQK.A	12
PHEAT-5466	proteomics_heat	3056367	3056396	-	4	19	K.FLLVEGVHQK.A	14
PHEAT-5467	proteomics_heat	3056403	3056423	-	4	3	K.VSLEKDK.I	11
PHEAT-5468	proteomics_heat	3056403	3056429	-	4	2	M.AKVSLEKDK.I	13
PHEAT-5469	proteomics_heat	3056703	3056744	-	4	6	R.GADVALIGTPDGVK.T	18
PHEAT-5470	proteomics_heat	3056928	3056963	-	4	4	K.FPLPVEVIPMAR.S	16
PHEAT-5471	proteomics_heat	3056928	3056984	-	4	6	K.QVDILGKFPLPVEVIPMAR.S	23
PHEAT-5472	proteomics_heat	3056985	3057011	-	4	5	K.FICIADASK.Q	13
PHEAT-5473	proteomics_heat	3057012	3057041	-	4	3	R.EKIIASVAEK.F	14
PHEAT-5474	proteomics_heat	3057171	3057218	-	4	19	K.GQIEGAVSSSDASTEK.L	20
PHEAT-5475	proteomics_heat	3057219	3057323	-	4	61	K.AVGWAALQYVQPGTIVGVGTGSTA AHFIDALGTMK.G	39
PHEAT-5476	proteomics_heat	3057219	3057326	-	4	3	K.KAVGWAALQYVQPGTIVGVGTGSTA AHFIDALGTMK.G	40
PHEAT-5477	proteomics_heat	3065503	3065541	-	5	9	R.YHVSNYQPSPMVR.M	17
PHEAT-5478	proteomics_heat	3065566	3065625	-	5	2	K.AAIDNAIHQAQELANGFHRK.L	24
PHEAT-5479	proteomics_heat	3065569	3065625	-	5	5	K.AAIDNAIHQAQELANGFHR.K	23
PHEAT-5480	proteomics_heat	3065569	3065628	-	5	5	R.KAAIDNAIHQAQELANGFHR.K	24
PHEAT-5481	proteomics_heat	3065593	3065625	-	5	4	K.AAIDNAIHQAQ.E	15
PHEAT-5482	proteomics_heat	3065635	3065679	-	5	8	R.SVSLGVAQPDAYKDK.A	19
PHEAT-5483	proteomics_heat	3065701	3065742	-	5	3	R.QLDKLNSLLDGALK.A	18
PHEAT-5484	proteomics_heat	3065827	3065853	-	5	2	K.KDISSANLR.T	13
PHEAT-5485	proteomics_heat	3065854	3065898	-	5	13	R.VAQYISFLELNQIAK.K	19
PHEAT-5486	proteomics_heat	3065935	3066039	-	5	5	A.NELPDGPHIVTSGTASVDAVPDIATLAIEVNVAAK.D	39
PHEAT-5487	proteomics_heat	3066993	3067052	-	4	5	R.EFDAAGISFPYPQMDVNFKR.V	24
PHEAT-5488	proteomics_heat	3066996	3067052	-	4	7	R.EFDAAGISFPYPQMDVNFKR.R	23
PHEAT-5489	proteomics_heat	3067062	3067115	-	4	12	R.VWSNSGDLQNVYWDVLER.I	22
PHEAT-5490	proteomics_heat	3067116	3067157	-	4	7	R.LNELGASSINFVVR.V	18
PHEAT-5491	proteomics_heat	3067188	3067223	-	4	5	K.QILTNIQSEDR.I	16
PHEAT-5492	proteomics_heat	3067224	3067274	-	4	21	R.NEFIIGVAYDSDIDQVK.Q	21
PHEAT-5493	proteomics_heat	3067290	3067322	-	4	8	K.IIAGNIINFSR.E	15
PHEAT-5494	proteomics_heat	3067323	3067346	-	4	2	K.IIVIPNGK.I	12
PHEAT-5495	proteomics_heat	3068190	3068222	-	4	2	K.AFQELNAIDVL.-	15
PHEAT-5496	proteomics_heat	3068232	3068258	-	4	4	R.AGQTSMIAR.L	13
PHEAT-5497	proteomics_heat	3068286	3068351	-	4	9	K.ANEAYLQGQLGNPKGEDQPNNK.Y	26
PHEAT-5498	proteomics_heat	3068310	3068351	-	4	12	K.ANEAYLQGQLGNPK.G	18
PHEAT-5499	proteomics_heat	3068352	3068411	-	4	50	K.MNIDTDTQWATWEGVLNYYK.A	24
PHEAT-5500	proteomics_heat	3068412	3068438	-	4	22	K.DSVSYGVVK.M	13
PHEAT-5501	proteomics_heat	3068439	3068495	-	4	2	H.NSLNFVFHGGSGSTAQEIK.D	23
PHEAT-5502	proteomics_heat	3068511	3068537	-	4	4	R.DSQEYVSKK.H	13



PHEAT-5503	proteomics_heat	3068514	3068537	-	4	8	R.DSQEYVSK.K	12
PHEAT-5504	proteomics_heat	3068538	3068585	-	4	6	H.GVYKPGNVVLTPTILR.D	20
PHEAT-5505	proteomics_heat	3068538	3068591	-	4	3	N.VHGVYKPGNVVLTPTILR.D	22
PHEAT-5506	proteomics_heat	3068538	3068594	-	4	2	G.NVHGVYKPGNVVLTPTILR.D	23
PHEAT-5507	proteomics_heat	3068538	3068618	-	4	215	R.FTIAASFGNVHGVYKPGNVVLTPTILR.D	31
PHEAT-5508	proteomics_heat	3068574	3068618	-	4	2	R.FTIAASFGNVHGVYK.P	19
PHEAT-5509	proteomics_heat	3068787	3068840	-	4	4	H.MIDLSEESLQENIEICSK.Y	22
PHEAT-5510	proteomics_heat	3068787	3068858	-	4	4	K.PLFSSHMIDLSEESLQENIEICSK.Y	28
PHEAT-5511	proteomics_heat	3068787	3068879	-	4	2	K.HFAATGKPLFSSHMIDLSEESLQENIEICSK.Y	35
PHEAT-5512	proteomics_heat	3068859	3068921	-	4	2	K.LLPWIDGLLDAGEKHFAATGK.P	25
PHEAT-5513	proteomics_heat	3068880	3068921	-	4	11	K.LLPWIDGLLDAGEK.H	18
PHEAT-5514	proteomics_heat	3068880	3068924	-	4	16	K.KLLPWIDGLLDAGEK.H	19
PHEAT-5515	proteomics_heat	3068991	3069041	-	4	3	K.SDVPQGAAILGAISGAH.H	21
PHEAT-5516	proteomics_heat	3069051	3069104	-	4	21	K.APVIVQFSNGGASFIAGK.G	22
PHEAT-5517	proteomics_heat	3069051	3069110	-	4	51	K.VKAPVIVQFSNGGASFIAGK.G	24
PHEAT-5518	proteomics_heat	3069066	3069110	-	4	3	K.VKAPVIVQFSNGGAS.F	19
PHEAT-5519	proteomics_heat	3069111	3069188	-	4	34	K.ENNFALPAVNCVGTDSINAVLETA.AK.V	30
PHEAT-5520	proteomics_heat	3069207	3069257	-	4	14	K.IFDFVKPGVITGDDVQK.V	21
PHEAT-5521	proteomics_heat	3069207	3069263	-	4	7	M.SKIFDFVKPGVITGDDVQK.V	23
PHEAT-5522	proteomics_heat	3069493	3069525	-	5	8	K.VLPVAVAMLEER.A	15
PHEAT-5523	proteomics_heat	3069526	3069579	-	5	692	K.ISYISTGGGAFLEFVEGK.V	22
PHEAT-5524	proteomics_heat	3069580	3069633	-	5	3	I.AGGGDTLAAIDLFGIADK.I	22
PHEAT-5525	proteomics_heat	3069580	3069663	-	5	5	N.AIADSEAFSIAGGGDTLAAIDLFGIADK.I	32
PHEAT-5526	proteomics_heat	3069580	3069684	-	5	38	K.GTEIVANAIDSEAFSIAGGGDTLAAIDLFGIADK.I	39
PHEAT-5527	proteomics_heat	3069580	3069687	-	5	919	R.KGTEIVANAIDSEAFSIAGGGDTLAAIDLFGIADK.I	40
PHEAT-5528	proteomics_heat	3069685	3069738	-	5	5	K.TILWNGPVGVFEPNFRK.G	22
PHEAT-5529	proteomics_heat	3069688	3069738	-	5	52	K.TILWNGPVGVFEPNFRK.K	21
PHEAT-5530	proteomics_heat	3069688	3069741	-	5	7	A.KTILWNGPVGVFEPNFRK.K	22
PHEAT-5531	proteomics_heat	3069748	3069801	-	5	10	E.QILDIGDASAQELAEILK.N	22
PHEAT-5532	proteomics_heat	3069748	3069810	-	5	14	K.ADEQILDIGDASAQELAEILK.N	25
PHEAT-5533	proteomics_heat	3069748	3069828	-	5	62	K.SVNDVKADEQILDIGDASAQELAEILK.N	31
PHEAT-5534	proteomics_heat	3069829	3069870	-	5	19	R.VATEFSETAPATLK.S	18
PHEAT-5535	proteomics_heat	3069871	3069912	-	5	11	R.LLTTCNIPVPSDVR.V	18
PHEAT-5536	proteomics_heat	3069871	3069915	-	5	4	K.RLLTTCNIPVPSDVR.V	19
PHEAT-5537	proteomics_heat	3069913	3069951	-	5	13	K.SLYEADLVDEAKR.L	17
PHEAT-5538	proteomics_heat	3069916	3069951	-	5	7	K.SLYEADLVDEAKR.R	16
PHEAT-5539	proteomics_heat	3069952	3069981	-	5	4	F.IAAQGHHDVVGK.S	14
PHEAT-5540	proteomics_heat	3069952	3070026	-	5	79	K.IADQLIVGGGIANTFIAAQGHHDVVGK.S	29
PHEAT-5541	proteomics_heat	3070027	3070053	-	5	2	K.LTVLDSLSK.I	13
PHEAT-5542	proteomics_heat	3070066	3070116	-	5	8	K.ALKEPARPMVAIVGGSK.V	21
PHEAT-5543	proteomics_heat	3070117	3070158	-	5	3	C.AGPLLAAELDALGK.A	18
PHEAT-5544	proteomics_heat	3070117	3070176	-	5	118	K.FADVACAGPLLAAELDALGK.A	24
PHEAT-5545	proteomics_heat	3070177	3070206	-	5	5	R.AQASTHGIGK.F	14
PHEAT-5546	proteomics_heat	3070207	3070260	-	5	53	K.YAALCDVFMDFGTAFHR.A	22
PHEAT-5547	proteomics_heat	3070207	3070263	-	5	18	K.KYAALCDVFMDFGTAFHR.A	23
PHEAT-5548	proteomics_heat	3070261	3070287	-	5	4	K.KDDETLSSK.Y	13

PHEAT-5549	proteomics_heat	3070261	3070305	-	5	3	R.FNKGEKKDDETLISK.Y	19
PHEAT-5550	proteomics_heat	3070264	3070305	-	5	2	R.FNKGEKKDDETLISK.K	18
PHEAT-5551	proteomics_heat	3070306	3070353	-	5	5	D.GVDVAEGELVVLENVR.F	20
PHEAT-5552	proteomics_heat	3070306	3070365	-	5	30	K.DYLDGVDVAEGELVVLENVR.F	24
PHEAT-5553	proteomics_heat	3070306	3070374	-	5	75	R.LVKDYLDGVDVAEGELVVLENVR.F	27
PHEAT-5554	proteomics_heat	3070375	3070398	-	5	7	K.DKLSNPVR.L	12
PHEAT-5555	proteomics_heat	3070393	3070485	-	5	3	K.VMVTSHLGRPTEGEYNEEFSLPPVVNYLKDK.L	35
PHEAT-5556	proteomics_heat	3070399	3070458	-	5	5	R.PTEGEYNEEFSLPPVVNYLK.D	24
PHEAT-5557	proteomics_heat	3070399	3070473	-	5	2	T.SHLGRPTEGEYNEEFSLPPVVNYLK.D	29
PHEAT-5558	proteomics_heat	3070399	3070485	-	5	11	K.VMVTSHLGRPTEGEYNEEFSLPPVVNYLK.D	33
PHEAT-5559	proteomics_heat	3070426	3070485	-	5	3	K.VMVTSHLGRPTEGEYNEEFSLPPVVNYLK.D	24
PHEAT-5560	proteomics_heat	3070459	3070485	-	5	3	K.VMVTSHLGR.P	13
PHEAT-5561	proteomics_heat	3070498	3070530	-	5	2	R.ASLPTIELALK.Q	15
PHEAT-5562	proteomics_heat	3070498	3070536	-	5	2	R.IRASLPTIELALK.Q	17
PHEAT-5563	proteomics_heat	3070555	3070587	-	5	12	R.ADLNVPVKDGK.V	15
PHEAT-5564	proteomics_heat	3070564	3070587	-	5	5	R.ADLNVPVK.D	12
PHEAT-5565	proteomics_heat	3070600	3070629	-	5	6	K.MTDLDLAGKR.V	14
PHEAT-5566	proteomics_heat	3070603	3070629	-	5	6	K.MTDLDLAGK.R	13
PHEAT-5567	proteomics_heat	3071567	3071635	-	6	2	R.RAEITVVAINELADAAGMAHLLK.Y	27
PHEAT-5568	proteomics_heat	3072706	3072759	-	5	11	Q.NGADAGSNDHLKGINAVK.I	22
PHEAT-5569	proteomics_heat	3077795	3077833	-	6	4	R.VAVEAGIADYWK.Y	17
PHEAT-5570	proteomics_heat	3077795	3077833	-	6	4	R.VAVEAGIADYWK.Y	17
PHEAT-5571	proteomics_heat	3077867	3077920	-	6	3	R.VVSMPTDAFDKQDAAYR.E	22
PHEAT-5572	proteomics_heat	3077948	3078025	-	6	31	K.DCAGQPELIFIATGSEVELAVAAAYK.L	30
PHEAT-5573	proteomics_heat	3078044	3078073	-	6	3	R.TEEQLANIAR.G	14
PHEAT-5574	proteomics_heat	3078074	3078097	-	6	3	R.QNLAQQR.T	12
PHEAT-5575	proteomics_heat	3078146	3078196	-	6	5	N.MSTWRPCDQVESAVAWK.Y	21
PHEAT-5576	proteomics_heat	3078146	3078208	-	6	2	R.VTPNMSTWRPCDQVESAVAWK.Y	25
PHEAT-5577	proteomics_heat	3078209	3078280	-	6	2	Y.THDSIGLGEDGPTHQPVEQVASLR.V	28
PHEAT-5578	proteomics_heat	3078209	3078295	-	6	6	R.QVMVYTHDSIGLGEDGPTHQPVEQVASLR.V	33
PHEAT-5579	proteomics_heat	3078428	3078475	-	6	11	K.AINEDAAGNYIHYGVR.E	20
PHEAT-5580	proteomics_heat	3078476	3078568	-	6	3	N.AIEAFGPLLPEFLGGSADLAPSNLTLWSGSK.A	35
PHEAT-5581	proteomics_heat	3078476	3078580	-	6	3	K.ASQNAIEAFGPLLPEFLGGSADLAPSNLTLWSGSK.A	39
PHEAT-5582	proteomics_heat	3078476	3078583	-	6	8	R.KASQNAIEAFGPLLPEFLGGSADLAPSNLTLWSGSK.A	40
PHEAT-5583	proteomics_heat	3078638	3078673	-	6	8	R.MKGEMPSDFDAK.A	16
PHEAT-5584	proteomics_heat	3078677	3078709	-	6	4	K.AYPQEAAEFTR.R	15
PHEAT-5585	proteomics_heat	3078767	3078817	-	6	22	K.YAPFEIPSEIYAQWDAK.E	21
PHEAT-5586	proteomics_heat	3078836	3078895	-	6	15	K.AGTHDSHGAPLGDAEIALTR.E	24
PHEAT-5587	proteomics_heat	3078896	3078925	-	6	5	K.TIIGFGSPNK.A	14
PHEAT-5588	proteomics_heat	3078926	3078961	-	6	6	R.AVTDKPSLLMCK.T	16
PHEAT-5589	proteomics_heat	3078980	3079015	-	6	15	R.DIDGHDAASIKR.A	16
PHEAT-5590	proteomics_heat	3078983	3079015	-	6	3	R.DIDGHDAASIK.R	15
PHEAT-5591	proteomics_heat	3079016	3079045	-	6	5	R.FEAYGWHVIR.D	14
PHEAT-5592	proteomics_heat	3079136	3079264	-	6	2	K.TLAAQFNRPGHDIVDHYTYAFMGDGCMMEGISHEVCSLAGTLK.L	47
PHEAT-5593	proteomics_heat	3079265	3079318	-	6	4	T.GPLGQGIANAVGMAIAEK.T	22
PHEAT-5594	proteomics_heat	3079265	3079369	-	6	33	K.TPGHPEVGYTAGVETTTGPLGQGIANAVGMAIAEK.T	39

PHEAT-5595	proteomics_heat	3079394	3079435	-	6	5	L.LHLTGYDLPMEELK.N	18
PHEAT-5596	proteomics_heat	3079394	3079441	-	6	3	Y.SLLHLTGYDLPMEELK.N	20
PHEAT-5597	proteomics_heat	3079430	3079480	-	6	4	R.FVLSNGHGSMLIYSLLH.L	21
PHEAT-5598	proteomics_heat	3079487	3079519	-	6	3	K.HNPQNPSWADR.D	15
PHEAT-5599	proteomics_heat	3079532	3079588	-	6	28	K.SGHPGAPMGADIAEVLWR.D	23
PHEAT-5600	proteomics_heat	3079595	3079621	-	6	3	R.ALSMDAVQK.A	13
PHEAT-5601	proteomics_heat	3079595	3079621	-	6	3	R.ALSMDAVQK.A	13
PHEAT-5602	proteomics_heat	3081058	3081114	-	5	3	D.PAFAPGTGTPVIGGLTSDR.A	23
PHEAT-5603	proteomics_heat	3081058	3081132	-	5	4	F.DIDCLDPAFAPGTGTPVIGGLTSDR.A	29
PHEAT-5604	proteomics_heat	3081058	3081168	-	5	12	K.QIVGDMPVYLTFDIDCLDPAFAPGTGTPVIGGLTSDR.A	41
PHEAT-5605	proteomics_heat	3081199	3081258	-	5	3	R.TEFDKDNFTVLDACQVNR.S	24
PHEAT-5606	proteomics_heat	3081259	3081303	-	5	3	K.EGLIDPNHSVQIGIR.T	19
PHEAT-5607	proteomics_heat	3081418	3081465	-	5	7	R.MLSFGGDHFVTLPLLR.A	20
PHEAT-5608	proteomics_heat	3081523	3081573	-	5	2	R.LNVVDCGDLVYAFGDAR.E	21
PHEAT-5609	proteomics_heat	3081604	3081639	-	5	3	R.QVSTNLAWEHNR.F	16
PHEAT-5610	proteomics_heat	3081673	3081756	-	5	7	R.LPMNFQPYDSADWVITGVPFDMATSGR.A	32
PHEAT-5611	proteomics_heat	3081757	3081816	-	5	3	M.STLGHQYDNSLVSNAFGFLR.L	24
PHEAT-5612	proteomics_heat	3082494	3082529	-	4	4	R.AHRPIIDELQER.M	16
PHEAT-5613	proteomics_heat	3082551	3082598	-	4	4	R.AWAEQLYLSMCHEVQK.Q	20
PHEAT-5614	proteomics_heat	3082599	3082679	-	4	3	R.EWLHDSQMDLHDIHIGYSSGIFSLQER.A	31
PHEAT-5615	proteomics_heat	3082746	3082790	-	4	5	R.NEYTVPTAPAEDAPR.A	19
PHEAT-5616	proteomics_heat	3082791	3082844	-	4	3	R.AVTAHHTVLVSNIIIGVER.N	22
PHEAT-5617	proteomics_heat	3082845	3082970	-	4	2	R.SQSDCSVNYGLNEYANNIIWAIGDACEENGLPHPTVITESGR.A	46
PHEAT-5618	proteomics_heat	3083037	3083057	-	4	2	R.FYVELHK.L	11
PHEAT-5619	proteomics_heat	3083070	3083090	-	4	2	R.DIATGVR.E	11
PHEAT-5620	proteomics_heat	3083091	3083147	-	4	4	R.LDSLQLLHFHLSQMANIR.D	23
PHEAT-5621	proteomics_heat	3083091	3083159	-	4	2	R.EAGRLDSLQLLHFHLSQMANIR.D	27
PHEAT-5622	proteomics_heat	3083160	3083207	-	4	33	K.FGLAATQVLQVLVETLR.E	20
PHEAT-5623	proteomics_heat	3083160	3083213	-	4	27	K.SKFGLAATQVLQVLVETLR.E	22
PHEAT-5624	proteomics_heat	3083160	3083240	-	4	4	G.KWQSSGGEKSKFGLAATQVLQVLVETLR.E	31
PHEAT-5625	proteomics_heat	3083436	3083477	-	4	6	K.AELMAVLAHAGMTR.S	18
PHEAT-5626	proteomics_heat	3083478	3083534	-	4	7	R.VIESLIHSGEPLGLEAGSK.A	23
PHEAT-5627	proteomics_heat	3083478	3083537	-	4	2	R.RVIESLIHSGEPLGLEAGSK.A	24
PHEAT-5628	proteomics_heat	3083553	3083600	-	4	4	R.ESYGYNGDYFLVYPIK.V	20
PHEAT-5629	proteomics_heat	3083637	3083678	-	4	7	R.LPALFCFPQILQHR.L	18
PHEAT-5630	proteomics_heat	3083832	3083873	-	4	3	R.SMQEAMSSQEASK.M	18
PHEAT-5631	proteomics_heat	3083874	3083930	-	4	2	M.SDDMSMGLPSSAGEHGVLR.S	23
PHEAT-5632	proteomics_heat	3097821	3097868	-	4	2	R.VPTGATTQDAEVDDAK.Y	20
PHEAT-5633	proteomics_heat	3099022	3099099	-	5	2	K.SGGNPLQNVLGSGLGQLQSSIQTEWKK.Q	30
PHEAT-5634	proteomics_heat	3099025	3099099	-	5	3	K.SGGNPLQNVLGSGLGQLQSSIQTEWK.K	29
PHEAT-5635	proteomics_heat	3099112	3099186	-	5	3	R.AEQQLVNVQAMGGILQDSINEMGAK.A	29
PHEAT-5636	proteomics_heat	3099520	3099558	-	5	6	R.DDVIVSPQTQVVK.G	17
PHEAT-5637	proteomics_heat	3099898	3099927	-	5	9	K.CTEEHQAIVR.K	14
PHEAT-5638	proteomics_heat	3099994	3100071	-	5	28	R.FPEGTSEEQIDKTVDDFINEVIEPNK.L	30
PHEAT-5639	proteomics_heat	3100036	3100071	-	5	10	R.FPEGTSEEQIDK.T	16
PHEAT-5640	proteomics_heat	3100164	3100199	-	4	3	R.LGHGVWDLMFER.V	16

PHEAT-5641	proteomics_heat	3100233	3100277	-	4	3	K.NLSESN DYVPRPASR.P	19
PHEAT-5642	proteomics_heat	3100431	3100466	-	4	2	R.MVQLFFDPWHK.A	16
PHEAT-5643	proteomics_heat	3100491	3100526	-	4	10	R.VMCHDAVEVLHK.M	16
PHEAT-5644	proteomics_heat	3100527	3100625	-	4	2	K.DRPEQDFLGIEVHSPGVGACLASAHEEGLSNLR.V	37
PHEAT-5645	proteomics_heat	3100821	3100868	-	4	2	K.NDVISPEFDENGRPLR.R	20
PHEAT-5646	proteomics_heat	3105165	3105248	-	4	3	R.IAAEGALPYPPGVLCVVPGEVWGGAVQR.Y	32
PHEAT-5647	proteomics_heat	3105375	3105422	-	4	2	R.QLCQEMHDLYVSFDVK.D	20
PHEAT-5648	proteomics_heat	3105627	3105716	-	4	2	K.LLLTTPGIDAETGEYSDFGVPATILAHYLR.E	34
PHEAT-5649	proteomics_heat	3105636	3105716	-	4	4	K.LLLTTPGIDAETGEYSDFGVPATILAH.Y	31
PHEAT-5650	proteomics_heat	3106464	3106526	-	4	3	K.SNHHGALIQAGATPVYLEASR.N	25
PHEAT-5651	proteomics_heat	3106671	3106706	-	4	2	K.LGDLLIHEGSAK.D	16
PHEAT-5652	proteomics_heat	3106707	3106733	-	4	3	R.ADMCNADV.K	13
PHEAT-5653	proteomics_heat	3106734	3106769	-	4	5	R.HFYDFFGENVFR.A	16
PHEAT-5654	proteomics_heat	3115332	3115373	-	4	2	K.DGQCTLN SDPDDMK.N	18
PHEAT-5655	proteomics_heat	3115623	3115676	-	4	3	R.GQAVVNISNAAFPILMAR.N	22
PHEAT-5656	proteomics_heat	3119932	3119970	-	5	6	K.VPDIHNVALMEDR.A	17
PHEAT-5657	proteomics_heat	3120331	3120366	-	5	2	R.NNVLSGLFCGLR.G	16
PHEAT-5658	proteomics_heat	3120412	3120459	-	5	2	R.TGDEMHSVMEAGPLR.K	20
PHEAT-5659	proteomics_heat	3120565	3120603	-	5	2	R.IETMLGMAPNTLK.M	17
PHEAT-5660	proteomics_heat	3120616	3120651	-	5	4	K.MHGQPQEVAFANK.L	16
PHEAT-5661	proteomics_heat	3120652	3120681	-	5	3	R.TGSVYIVKPK.M	14
PHEAT-5662	proteomics_heat	3120925	3120963	-	5	2	R.NLLGLMQGTLQEK.M	17
PHEAT-5663	proteomics_heat	3121439	3121501	-	6	5	N.HQPGGAAAGGSGNERPLRAER.G	25
PHEAT-5664	proteomics_heat	3121453	3121536	-	5	4	R.VTVETTIDSEITSQAGPQLVVPAMNAR.Y	32
PHEAT-5665	proteomics_heat	3121675	3121716	-	5	4	R.NFDEIVHDLAPENR.Q	18
PHEAT-5666	proteomics_heat	3121717	3121773	-	5	3	R.FVDEEVLPGTGLDAAAFWR.N	23
PHEAT-5667	proteomics_heat	3121876	3122004	-	5	2	R.TAFVTAPLLTSLGGVPVVVDGQIIGAVGVSGLTGAQDAQVAK.A	47
PHEAT-5668	proteomics_heat	3122062	3122115	-	5	2	R.MDDCAPIAAYISQEKART.A	22
PHEAT-5669	proteomics_heat	3122071	3122115	-	5	2	R.MDDCAPIAAYISQEK.A	19
PHEAT-5670	proteomics_heat	3122179	3122241	-	5	3	K.VILSQMASAIIAAGQEEAQK.N	25
PHEAT-5671	proteomics_heat	3125366	3125467	-	6	3	L.TLGSDALDSPGFDLLALFTGSEGMLGVTEVTVK.L	38
PHEAT-5672	proteomics_heat	3134691	3134723	-	4	2	K.ESDIEPLIVVK.K	15
PHEAT-5673	proteomics_heat	3134880	3134930	-	4	2	R.CGSNIDLVS HHEEVLDK.T	21
PHEAT-5674	proteomics_heat	3134891	3134932	-	6	2	V.AVAAISTSSAIMKR.C	18
PHEAT-5675	proteomics_heat	3134931	3134963	-	4	2	K.TGYAVKPIAGR.C	15
PHEAT-5676	proteomics_heat	3135009	3135050	-	4	2	K.AILPILWSLFPHHR.Y	18
PHEAT-5677	proteomics_heat	3135051	3135122	-	4	3	R.LIDVLLRPEVLVFEPLWTVIPGNK.A	28
PHEAT-5678	proteomics_heat	3135150	3135188	-	4	2	R.EVS DREFAAVPIR.T	17
PHEAT-5679	proteomics_heat	3135189	3135224	-	4	2	K.TWAWETA FDQIR.E	16
PHEAT-5680	proteomics_heat	3135246	3135302	-	4	4	R.GLDELGWDAAGQLIDGEGR.L	23
PHEAT-5681	proteomics_heat	3135312	3135380	-	4	2	K.DIEENYHAQFMEQALHQAGFETR.I	27
PHEAT-5682	proteomics_heat	3135423	3135479	-	4	5	K.GNGFNPAEGLINELAGAWK.H	23
PHEAT-5683	proteomics_heat	3135660	3135704	-	4	3	K.VLKDDNLLALFDIPK.I	19
PHEAT-5684	proteomics_heat	3135705	3135749	-	4	7	K.ATNELHLMYLHATDK.V	19
PHEAT-5685	proteomics_heat	3136056	3136112	-	4	6	R.IAEQNVIHSPLPQQQWTR.E	23
PHEAT-5686	proteomics_heat	3136119	3136163	-	4	9	K.DTGHVAIITQLHG NK.V	19

PHEAT-5687	proteomics_heat	3136215	3136271	-	4	2	R.EVVNDNILPLQAFPNGSPR.A	23
PHEAT-5688	proteomics_heat	3139602	3139655	-	4	4	K.GDHTTFVKPNIPATGEFK.G	22
PHEAT-5689	proteomics_heat	3148879	3148914	-	5	2	K.VMDTLHQAGYLK.I	16
PHEAT-5690	proteomics_heat	3148972	3149058	-	5	3	K.ADNSMFIGNDPVTDETMITALNALTEGKK.D	33
PHEAT-5691	proteomics_heat	3148975	3149058	-	5	2	K.ADNSMFIGNDPVTDETMITALNALTEGK.K	32
PHEAT-5692	proteomics_heat	3149059	3149127	-	5	4	K.VNLPASTSTPQPRPEKPVYLSVK.A	27
PHEAT-5693	proteomics_heat	3149677	3149763	-	5	2	K.SLSLHLLNEAQNELELSEGSDDNEGIKER.T	33
PHEAT-5694	proteomics_heat	3149764	3149808	-	5	2	R.SLNQANDIAADFGSK.S	19
PHEAT-5695	proteomics_heat	3159573	3159629	-	4	2	R.DISLGDDPGINGQLWDVNR.I	23
PHEAT-5696	proteomics_heat	3159885	3159968	-	4	2	R.YQLQMNDGRPLHVISGDQGFLLPAPVSVK.Q	32
PHEAT-5697	proteomics_heat	3160014	3160121	-	4	3	R.LDNFGTPEYNEPGSGGFVGDTLVNGVQSPYVEVSR.G	40
PHEAT-5698	proteomics_heat	3160248	3160292	-	4	2	R.QNAATLWYHANTPNR.T	19
PHEAT-5699	proteomics_heat	3160787	3160819	-	6	3	K.IAELDKEVAER.E	15
PHEAT-5700	proteomics_heat	3160871	3160933	-	6	3	R.LHNGLVIVEMLPIDVSYGK.D	25
PHEAT-5701	proteomics_heat	3160949	3161023	-	6	4	K.TGAFHAAIAAGVPIIPVCVSTTSNK.I	29
PHEAT-5702	proteomics_heat	3161767	3161796	-	5	6	R.IDRVEIDSPR.R	14
PHEAT-5703	proteomics_heat	3162001	3162042	-	5	2	R.MLMFVSDLPQLSK.G	18
PHEAT-5704	proteomics_heat	3162043	3162138	-	5	38	K.ALITLPENAHVMPPVVEDASDMLLAITQAGR.M	36
PHEAT-5705	proteomics_heat	3162418	3162453	-	5	3	K.GHDIDAPGLNYK.A	16
PHEAT-5706	proteomics_heat	3162463	3162534	-	5	2	K.AMSEHDMLPSEPVTIVLSQMGWVR.S	28
PHEAT-5707	proteomics_heat	3162568	3162606	-	5	2	K.ELQADAQAYGDDR.R	17
PHEAT-5708	proteomics_heat	3163027	3163089	-	5	4	R.SNRVDMDQVMNHLFATTDLEK.S	25
PHEAT-5709	proteomics_heat	3163201	3163257	-	5	6	K.KEDGAVVISALPHQVSGAR.V	23
PHEAT-5710	proteomics_heat	3163321	3163395	-	5	3	K.TTLDQLLDIVQGPDYPTAEIITSR.A	29
PHEAT-5711	proteomics_heat	3163438	3163515	-	5	5	R.LPNILLNGTTGIAVGMATDIPPHNLR.E	30
PHEAT-5712	proteomics_heat	3163657	3163707	-	5	3	R.YPLVDGQGNWGAPDDPK.S	21
PHEAT-5713	proteomics_heat	3163867	3163908	-	5	2	R.ALPIFGDGLKPVQR.R	18
PHEAT-5714	proteomics_heat	3165924	3165956	-	4	2	K.GNAQPHPSTIK.L	15
PHEAT-5715	proteomics_heat	3167420	3167461	-	6	5	K.DASGTINVIDIDHKR.W	18
PHEAT-5716	proteomics_heat	3167462	3167488	-	6	2	R.ISDDLIVFK.D	13
PHEAT-5717	proteomics_heat	3167507	3167539	-	6	2	K.SLRDDTWVTLR.G	15
PHEAT-5718	proteomics_heat	3167540	3167638	-	6	13	A.AEQGGFSGPSATQSQAGGFQGPNGSVTTVESAK.S	37
PHEAT-5719	proteomics_heat	3172981	3173022	-	5	3	R.DGQVYNIAFENGEK.V	18
PHEAT-5720	proteomics_heat	3173047	3173109	-	5	2	K.NYQFSGGLHGVGISVVALSK.R	25
PHEAT-5721	proteomics_heat	3173140	3173202	-	5	4	R.GMPVDIHPEEGVPAVELILCR.L	25
PHEAT-5722	proteomics_heat	3173359	3173415	-	5	3	M.TQTYNADAIEVLTGLEPVR.R	23
PHEAT-5723	proteomics_heat	3173450	3173539	-	6	2	R.QTVIEGGNHAFTGFEDYFNPIVDLFLGLHLL.-	34
PHEAT-5724	proteomics_heat	3174769	3174807	-	5	3	R.ILQITDTHLFAQK.H	17
PHEAT-5725	proteomics_heat	3175513	3175563	-	5	4	R.TKPVLSFLASPGGTSER.S	21
PHEAT-5726	proteomics_heat	3175696	3175764	-	5	11	R.GHAAVLLPFDVPRDEVVLIEQIR.I	27
PHEAT-5727	proteomics_heat	3181862	3181906	-	6	18	K.HNMALVTIEDLVAYR.Q	19
PHEAT-5728	proteomics_heat	3182267	3182308	-	6	4	R.HGSGIVCLCITEDR.R	18
PHEAT-5729	proteomics_heat	3182309	3182407	-	6	2	R.GVMVLDDDEDRENEGDMIFPAETMTVEQMALTIR.H	37
PHEAT-5730	proteomics_heat	3182444	3182488	-	6	3	T.MNQTLSSFGTPPER.V	19
PHEAT-5731	proteomics_heat	3193444	3193482	-	5	3	K.GGDYKPEEIASGK.E	17
PHEAT-5732	proteomics_heat	3193483	3193518	-	5	3	R.LIAGILPDLLVK.G	16

PHEAT-5733	proteomics_heat	3193684	3193752	-	5	3	K.VVMTNGVFDILHAGHVSYLANAR.K	27
PHEAT-5734	proteomics_heat	3194161	3194214	-	5	8	R.GATLLTPNLSEFEAVVGK.C	22
PHEAT-5735	proteomics_heat	3194239	3194271	-	5	3	R.KAGVPVLIDPK.G	15
PHEAT-5736	proteomics_heat	3194272	3194313	-	5	2	K.GALASVQQMIQLAR.K	18
PHEAT-5737	proteomics_heat	3194314	3194367	-	5	8	R.INQALSSIGALVLSDYAK.G	22
PHEAT-5738	proteomics_heat	3194368	3194421	-	5	5	R.LDFEEGFEGVDPQPLHER.I	22
PHEAT-5739	proteomics_heat	3194458	3194499	-	5	3	K.CDFVSVPTHPTITK.L	18
PHEAT-5740	proteomics_heat	3194500	3194523	-	5	2	K.SLADVNVK.C	12
PHEAT-5741	proteomics_heat	3194536	3194571	-	5	2	R.LVGLTGIDDAAR.A	16
PHEAT-5742	proteomics_heat	3194572	3194649	-	5	7	K.VNTIEERPGGAANVAMNIASLGANAR.L	30
PHEAT-5743	proteomics_heat	3195069	3195125	-	4	11	K.ADEGGITDIEFITQYLVL.R.Y	23
PHEAT-5744	proteomics_heat	3195810	3195851	-	4	3	R.VPEDDEEQLEALR.Q	18
PHEAT-5745	proteomics_heat	3195867	3195950	-	4	2	R.YPLLLDELDPNTLYQPTATDAYRDEL.R.Q	32
PHEAT-5746	proteomics_heat	3195951	3196004	-	4	3	K.HLISLCAASPMIASQLAR.Y	22
PHEAT-5747	proteomics_heat	3196230	3196304	-	4	3	R.ELWQDALQEDDTPVLAHLSSEDDRK.Q	29
PHEAT-5748	proteomics_heat	3197001	3197039	-	4	2	K.VLDQPTQDGFVYR.V	17
PHEAT-5749	proteomics_heat	3197610	3197663	-	4	2	L.MKPLSSPLQQYWQTVVER.L	22
PHEAT-5750	proteomics_heat	3197692	3197736	-	5	3	R.NEANNQEPFWLHSGK.R	19
PHEAT-5751	proteomics_heat	3197896	3197925	-	5	2	K.SVFCQPLGDR.Y	14
PHEAT-5752	proteomics_heat	3197944	3197967	-	5	4	R.FADIHLR.H	12
PHEAT-5753	proteomics_heat	3198058	3198144	-	5	5	R.DLLTQCEATIASAVSAVTAVYSTETAMAK.L	33
PHEAT-5754	proteomics_heat	3198166	3198201	-	5	6	R.HTLMLFGGIVPR.K	16
PHEAT-5755	proteomics_heat	3198328	3198405	-	5	2	R.GYHLAQGNPAREIKPTTILHVAAKAD.V	30
PHEAT-5756	proteomics_heat	3198334	3198372	-	5	4	R.EIKPTTILHVAAK.A	17
PHEAT-5757	proteomics_heat	3198373	3198405	-	5	2	R.GYHLAQGNPAR.E	15
PHEAT-5758	proteomics_heat	3198433	3198468	-	5	3	K.LANQLVSQTGLR.Q	16
PHEAT-5759	proteomics_heat	3198481	3198543	-	5	3	K.AGEFAEPICELELELLSGDTR.A	25
PHEAT-5760	proteomics_heat	3198841	3198927	-	5	2	R.DHLNLTGGEHHPVQLLNIIYETPDNWLR.G	33
PHEAT-5761	proteomics_heat	3198928	3198963	-	5	4	K.FIVNHSAVEALR.D	16
PHEAT-5762	proteomics_heat	3208278	3208352	-	4	2	K.DIDAVAYTAGPGLVGLVGLVATVGR.S	29
PHEAT-5763	proteomics_heat	3208419	3208463	-	4	2	K.LHADYGGVVPELASR.D	19
PHEAT-5764	proteomics_heat	3213250	3213291	-	5	9	K.LVDRPTVQANEVSK.Q	18
PHEAT-5765	proteomics_heat	3213307	3213348	-	5	2	R.QLKPQEAQHLLDYR.C	18
PHEAT-5766	proteomics_heat	3213782	3213814	-	6	3	R.RFEAEQYDPQR.V	15
PHEAT-5767	proteomics_heat	3213836	3213895	-	6	4	R.LAQMQIPADDYFIWITGEGK.V	24
PHEAT-5768	proteomics_heat	3213983	3214024	-	6	4	K.LAVKPQVSALVSVR.D	18
PHEAT-5769	proteomics_heat	3214370	3214411	-	6	2	R.IVLGGEALDGFTSR.G	18
PHEAT-5770	proteomics_heat	3215917	3215946	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-5771	proteomics_heat	3215917	3215946	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-5772	proteomics_heat	3215917	3215946	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-5773	proteomics_heat	3215917	3215946	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-5774	proteomics_heat	3216271	3216306	-	5	5	V.SSVRNGSETLAK.G	16
PHEAT-5775	proteomics_heat	3228008	3228070	-	6	2	K.AHILRTHAIARLDLPGEDRAD.I	25
PHEAT-5776	proteomics_heat	3233559	3233612	-	4	2	K.FLDSTADYPQQPGVVLK.V	22
PHEAT-5777	proteomics_heat	3241642	3241701	-	5	2	R.DNEVLGTMIGNFQEGMPGK.M	24
PHEAT-5778	proteomics_heat	3242335	3242412	-	5	3	K.LLSPSTADEIWNENELLAQDNFSAR.G	30

PHEAT-5779	proteomics_heat	3251817	3251870	-	4	2	K.ANTQLAIITEVLAGAWER.L	22
PHEAT-5780	proteomics_heat	3251958	3252011	-	4	3	R.VLLEAADKLTDDAEALAR.G	22
PHEAT-5781	proteomics_heat	3252105	3252137	-	4	2	R.VPSALSYTMQK.L	15
PHEAT-5782	proteomics_heat	3254350	3254382	-	5	2	K.DATAQAIADAK.A	15
PHEAT-5783	proteomics_heat	3257752	3257778	-	5	3	K.LEIEIAIVR.S	13
PHEAT-5784	proteomics_heat	3258467	3258499	-	6	2	K.GAVASLTSVAK.L	15
PHEAT-5785	proteomics_heat	3258467	3258499	-	6	2	K.GAVASLTSVAK.L	15
PHEAT-5786	proteomics_heat	3258878	3258916	-	6	5	K.YSYEASLMALHDR.D	17
PHEAT-5787	proteomics_heat	3258878	3258916	-	6	5	K.YSYEASLMALHDR.D	17
PHEAT-5788	proteomics_heat	3259067	3259093	-	6	2	Y.AINGGVDEK.L	13
PHEAT-5789	proteomics_heat	3259067	3259093	-	6	2	Y.AINGGVDEK.L	13
PHEAT-5790	proteomics_heat	3262494	3262568	-	4	7	K.DLMVKVMSYLVWPFIASLVLISLSL.I	29
PHEAT-5791	proteomics_heat	3264884	3264967	-	6	2	K.IINDIEDYFGVELVVRKNTGVTLTAPAGQ.L	32
PHEAT-5792	proteomics_heat	3269970	3270059	-	4	5	K.DLANALDTSHGVAQLPLTAAVMMEMMQALR.A	34
PHEAT-5793	proteomics_heat	3270264	3270320	-	4	3	K.AMAGSVVHTGEIGAGNVTK.L	23
PHEAT-5794	proteomics_heat	3270621	3270710	-	4	3	K.AGYSLLVADRNPEDIAADVIAAGAETASTAK.A	34
PHEAT-5795	proteomics_heat	3276073	3276105	-	5	2	R.GVSTHNEDEAR.L	15
PHEAT-5796	proteomics_heat	3276433	3276498	-	5	3	R.AYGALICDSTTPSVEPSVEDK.S	26
PHEAT-5797	proteomics_heat	3289151	3289222	-	6	7	D.IPERYSMPSPSTILCCPVSSLLAR.A	28
PHEAT-5798	proteomics_heat	3290614	3290649	-	5	2	K.AQEEDLPADALR.T	16
PHEAT-5799	proteomics_heat	3290704	3290757	-	5	4	K.TWETIHGAPVGGELLAWVK.E	22
PHEAT-5800	proteomics_heat	3290788	3290835	-	5	3	R.LLDSLEDIVAVLGESR.Y	20
PHEAT-5801	proteomics_heat	3291268	3291351	-	5	2	K.QHQSADNSQGQLYIVPTPIGNLADITQR.A	32
PHEAT-5802	proteomics_heat	3295750	3295830	-	5	2	R.GTLLGLTFLSLPGMMCTCCAAPVAAGMR.R	31
PHEAT-5803	proteomics_heat	3296005	3296040	-	5	2	K.AFTAAETHSIGK.S	16
PHEAT-5804	proteomics_heat	3296248	3296316	-	5	2	R.VMLAESMRPEHEGVTLSSSELK.K	27
PHEAT-5805	proteomics_heat	3296449	3296496	-	5	2	R.VKGEMEEALIAQNWPK.L	20
PHEAT-5806	proteomics_heat	3297722	3297781	-	6	2	R.HAQMSGPQAAVAGTVNGQPK.T	24
PHEAT-5807	proteomics_heat	3298280	3298345	-	6	2	R.LADDALNGVTGLVEYHEHFNR.F-	26
PHEAT-5808	proteomics_heat	3298388	3298423	-	6	4	R.FGFELAAHHDLR.C	16
PHEAT-5809	proteomics_heat	3298724	3298768	-	6	2	R.VEIPIDAPGIDALLR.R	19
PHEAT-5810	proteomics_heat	3304170	3304235	-	4	5	R.ILNKPMNMQLLGDAQPHGTGGER.R	26
PHEAT-5811	proteomics_heat	3304278	3304313	-	4	2	K.LFASHSTIELPK.G	16
PHEAT-5812	proteomics_heat	3304332	3304376	-	4	9	R.HIVGAIANEGDISSR.Y	19
PHEAT-5813	proteomics_heat	3304413	3304439	-	4	2	R.DVGDMLQYR.I	13
PHEAT-5814	proteomics_heat	3304536	3304574	-	4	2	R.TLIVPPDAPMRPK.R	17
PHEAT-5815	proteomics_heat	3304671	3304712	-	4	3	K.VQQQLESSLDQYR.A	18
PHEAT-5816	proteomics_heat	3305031	3305081	-	4	5	R.NGYNSAALNGDMNQALR.E	21
PHEAT-5817	proteomics_heat	3305124	3305168	-	4	2	R.FLEAEDFDAIIFVR.T	19
PHEAT-5818	proteomics_heat	3305298	3305393	-	4	17	R.MGFIEDVETIMAIPEGHQTALFSATMPEAIR.R	36
PHEAT-5819	proteomics_heat	3305541	3305576	-	4	2	R.GVNVVALYGGQR.Y	16
PHEAT-5820	proteomics_heat	3305586	3305630	-	4	3	R.ELAVQVAEAMTDFSK.H	19
PHEAT-5821	proteomics_heat	3305631	3305714	-	4	7	K.TAAFSLPLLQNLDPQLKAPQILVLAPTR.E	32
PHEAT-5822	proteomics_heat	3305664	3305714	-	4	3	K.TAAFSLPLLQNLDPQLK.A	21
PHEAT-5823	proteomics_heat	3305715	3305750	-	4	5	R.DVLGMAQTGSGK.T	16
PHEAT-5824	proteomics_heat	3306221	3306292	-	6	2	R.LKADATDNTSLAEHLSETNFYLGK.Y	28

PHEAT-5825	proteomics_heat	3306809	3306871	-	6	5	R.KSEVLAVPLQPTLQQEVILAR.M	25
PHEAT-5826	proteomics_heat	3307166	3307207	-	6	3	K.VTDYLQMGQEVVVK.V	18
PHEAT-5827	proteomics_heat	3307217	3307255	-	6	8	K.EGLVHISQIADKR.V	17
PHEAT-5828	proteomics_heat	3307220	3307255	-	6	6	K.EGLVHISQIADK.R	16
PHEAT-5829	proteomics_heat	3307322	3307360	-	6	15	R.RIEEITAEIEVGR.V	17
PHEAT-5830	proteomics_heat	3307403	3307459	-	6	22	R.ALTEETGTTIEIEDDGTKV.I	23
PHEAT-5831	proteomics_heat	3307478	3307513	-	6	3	K.INPDKIKDVIGK.G	16
PHEAT-5832	proteomics_heat	3307556	3307600	-	6	32	R.LHILGVMEQAINAPR.G	19
PHEAT-5833	proteomics_heat	3307610	3307642	-	6	6	K.EIMQVALNQAK.G	15
PHEAT-5834	proteomics_heat	3307661	3307693	-	6	8	R.DGISALQMDIK.I	15
PHEAT-5835	proteomics_heat	3307709	3307780	-	6	9	K.EGDNYVVLSDILGDEDHLGDMDFK.V	28
PHEAT-5836	proteomics_heat	3307781	3307816	-	6	9	K.AAVAGIAMGLVK.E	16
PHEAT-5837	proteomics_heat	3307817	3307912	-	6	10	R.VVSEITESNGSSSMASVCGASLALMDAGVPIK.A	36
PHEAT-5838	proteomics_heat	3307913	3307963	-	6	8	R.GVLAVMPDMDKFPYTVR.V	21
PHEAT-5839	proteomics_heat	3307913	3307966	-	6	9	K.RGVLAVMPDMDKFPYTVR.V	22
PHEAT-5840	proteomics_heat	3308000	3308074	-	6	24	R.TDTFLFHYNFPYVGETGMVGSRK.R	29
PHEAT-5841	proteomics_heat	3308075	3308110	-	6	5	R.DAQVLDELMGER.T	16
PHEAT-5842	proteomics_heat	3308111	3308155	-	6	7	R.GETQALVTATLG TAR.D	19
PHEAT-5843	proteomics_heat	3308156	3308182	-	6	3	R.THGSALFR.G	13
PHEAT-5844	proteomics_heat	3308285	3308368	-	6	69	K.SETIATLLAEDETLDENELGEILHAIK.N	32
PHEAT-5845	proteomics_heat	3308369	3308392	-	6	4	R.YAQVDVIK.S	12
PHEAT-5846	proteomics_heat	3308432	3308455	-	6	2	R.VAALAEAR.L	12
PHEAT-5847	proteomics_heat	3308456	3308500	-	6	4	R.WDWQPEPVNEALNAR.V	19
PHEAT-5848	proteomics_heat	3308669	3308731	-	6	6	R.VGYINDQYVLNPTQDELKESK.L	25
PHEAT-5849	proteomics_heat	3308678	3308731	-	6	8	R.VGYINDQYVLNPTQDELK.E	22
PHEAT-5850	proteomics_heat	3308912	3308950	-	6	9	R.EGRPSEGETLIAR.L	17
PHEAT-5851	proteomics_heat	3308912	3308953	-	6	3	R.REGRPSEGETLIAR.L	18
PHEAT-5852	proteomics_heat	3308993	3309043	-	6	12	K.AKPGQDFFPLTVNYQER.T	21
PHEAT-5853	proteomics_heat	3308993	3309046	-	6	2	K.KAKPGQDFFPLTVNYQER.T	22
PHEAT-5854	proteomics_heat	3309116	3309166	-	6	8	K.FQYGQHTVTLETGMMAR.Q	21
PHEAT-5855	proteomics_heat	3309116	3309169	-	6	2	R.KFYQGQHTVTLETGMMAR.Q	22
PHEAT-5856	proteomics_heat	3309134	3309169	-	6	3	R.KFYQGQHTVTLE.T	16
PHEAT-5857	proteomics_heat	3309455	3309475	-	6	13	R.YTQLIER.L	11
PHEAT-5858	proteomics_heat	3309494	3309514	-	6	6	R.KLLDYLK.R	11
PHEAT-5859	proteomics_heat	3309563	3309655	-	6	21	R.DANDTGSTEVQVALLTAQINHLQGHFAEHKK.D	35
PHEAT-5860	proteomics_heat	3309566	3309655	-	6	45	R.DANDTGSTEVQVALLTAQINHLQGHFAEHK.K	34
PHEAT-5861	proteomics_heat	3309581	3309655	-	6	2	R.DANDTGSTEVQVALLTAQINHLQGH.F	29
PHEAT-5862	proteomics_heat	3310197	3310229	-	4	2	K.LGCGAHVIYLR.R	15
PHEAT-5863	proteomics_heat	3310272	3310313	-	4	3	R.HEGNELELEIHCSK.G	18
PHEAT-5864	proteomics_heat	3310608	3310679	-	4	3	R.AGHTGALDPLATGMLPICLGEATK.F	28
PHEAT-5865	proteomics_heat	3310832	3310876	-	6	4	R.MSNLVTSVVVKHDEER.R	19
PHEAT-5866	proteomics_heat	3310877	3310930	-	6	28	R.IVPELTFYDNSLVEGMR.M	22
PHEAT-5867	proteomics_heat	3310961	3310990	-	6	3	K.ALQEASGFIR.S	14
PHEAT-5868	proteomics_heat	3311003	3311047	-	6	6	K.VYVTFLNKDEDVAVK.A	19
PHEAT-5869	proteomics_heat	3311126	3311149	-	6	3	K.EIALILQR.E	12
PHEAT-5870	proteomics_heat	3311376	3311420	-	4	20	R.TGDVIEVFEIIEIQR.T	19



PHEAT-5871	proteomics_heat	3311439	3311468	-	4	7	R.NGMECGIGVK.N	14
PHEAT-5872	proteomics_heat	3311469	3311495	-	4	7	R.FKDDVNEVR.N	13
PHEAT-5873	proteomics_heat	3311496	3311540	-	4	13	R.DNVVIYEGELESRR.F	19
PHEAT-5874	proteomics_heat	3311496	3311549	-	4	3	R.VLRDNVVIYEGELESRR.F	22
PHEAT-5875	proteomics_heat	3311499	3311540	-	4	3	R.DNVVIYEGELESR.R	18
PHEAT-5876	proteomics_heat	3311565	3311612	-	4	5	K.FGAIAGCMVTEGVVKR.H	20
PHEAT-5877	proteomics_heat	3311568	3311612	-	4	5	K.FGAIAGCMVTEGVVK.R	19
PHEAT-5878	proteomics_heat	3311634	3311663	-	4	2	K.QQIIGLAEVR.D	14
PHEAT-5879	proteomics_heat	3311664	3311699	-	4	6	K.AAMSGMLSPELK.Q	16
PHEAT-5880	proteomics_heat	3311700	3311738	-	4	31	R.YYSVIYNLIDEVK.A	17
PHEAT-5881	proteomics_heat	3311739	3311771	-	4	13	R.KVIEAESLDR.Y	15
PHEAT-5882	proteomics_heat	3311790	3311879	-	4	155	K.IIGSGVGGITETDATALAASNAILVGFNVR.A	34
PHEAT-5883	proteomics_heat	3311907	3311954	-	4	10	K.ADVQGSVEAISDSLK.L	20
PHEAT-5884	proteomics_heat	3311955	3312023	-	4	29	K.SKLENMFANMTEGEVHEVNIVLK.A	27
PHEAT-5885	proteomics_heat	3312090	3312206	-	4	2	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVRDEKK.A	43
PHEAT-5886	proteomics_heat	3312093	3312206	-	4	6	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVRDEK.K	42
PHEAT-5887	proteomics_heat	3312102	3312206	-	4	11	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVR.D	39
PHEAT-5888	proteomics_heat	3312222	3312275	-	4	2	R.EGTLHKGDIVLCGFYGR.V	22
PHEAT-5889	proteomics_heat	3312276	3312302	-	4	3	R.GPVATVLVR.E	13
PHEAT-5890	proteomics_heat	3312309	3312350	-	4	2	K.GMASGAVIESFLDK.G	18
PHEAT-5891	proteomics_heat	3312309	3312353	-	4	12	R.KGMASGAVIESFLDK.G	19
PHEAT-5892	proteomics_heat	3312363	3312428	-	4	66	K.AGTGIDELLDAILLQAEVLELK.A	26
PHEAT-5893	proteomics_heat	3312429	3312503	-	4	3	K.NELSQYGILPEEWGGESQFVHVS.A	29
PHEAT-5894	proteomics_heat	3312429	3312509	-	4	13	R.VKNELSQYGILPEEWGGESQFVHVS.A	31
PHEAT-5895	proteomics_heat	3312504	3312539	-	4	2	K.IDKPEADPDRVK.N	16
PHEAT-5896	proteomics_heat	3312504	3312575	-	4	2	K.AAQVPVVAVNKKIDKPEADPDRVK.N	28
PHEAT-5897	proteomics_heat	3312510	3312575	-	4	5	K.AAQVPVVAVNKKIDKPEADPDR.V	26
PHEAT-5898	proteomics_heat	3312540	3312575	-	4	5	K.AAQVPVVAVNK.I	16
PHEAT-5899	proteomics_heat	3312576	3312665	-	4	46	R.GAQATDIVVLVAADDGVMPTIEAIQHAK.A	34
PHEAT-5900	proteomics_heat	3312672	3312755	-	4	2	H.IGAYHVETENGMITFLDTPGHAAFTSMR.A	32
PHEAT-5901	proteomics_heat	3312756	3312791	-	4	4	K.VASGEAGGITQH.I	16
PHEAT-5902	proteomics_heat	3312801	3312824	-	4	4	K.TSLLDYIR.S	12
PHEAT-5903	proteomics_heat	3312825	3312866	-	4	9	R.APVVTIMGHVDHGK.T	18
PHEAT-5904	proteomics_heat	3312867	3312932	-	4	2	R.RENELEEAVMSDRDTGAAAEP.R	26
PHEAT-5905	proteomics_heat	3312894	3312929	-	4	3	R.ENELEEAVMSDR.D	16
PHEAT-5906	proteomics_heat	3312894	3312932	-	4	3	R.RENELEEAVMSDR.D	17
PHEAT-5907	proteomics_heat	3312945	3313022	-	4	27	K.LGAMATINQVIDQETAQLVAEEMGHK.V	30
PHEAT-5908	proteomics_heat	3313065	3313112	-	4	12	R.DVVIGETITVGELANK.M	20
PHEAT-5909	proteomics_heat	3313113	3313163	-	4	9	K.GSSLQQGFQKPAQAVNR.D	21
PHEAT-5910	proteomics_heat	3313326	3313394	-	4	3	K.WTDNAEPTEDSSDYHVTTTSQHAR.Q	27
PHEAT-5911	proteomics_heat	3313326	3313412	-	4	2	R.MAEENKWTDNAEPTEDSSDYHVTTTSQHAR.Q	33
PHEAT-5912	proteomics_heat	3313482	3313508	-	4	6	R.EQEAAELKR.K	13
PHEAT-5913	proteomics_heat	3313482	3313511	-	4	2	R.REQEAAELKR.K	14
PHEAT-5914	proteomics_heat	3313536	3313565	-	4	7	K.VSNQQDDMTK.N	14
PHEAT-5915	proteomics_heat	3313536	3313586	-	4	2	R.EAAEKDKVSNQQDDMTK.N	21
PHEAT-5916	proteomics_heat	3313707	3313733	-	4	2	R.LAAEEQAQR.E	13

PHEAT-5917	proteomics_heat	3313707	3313736	-	4	2	E.RLAAEEQAQR.E	14
PHEAT-5918	proteomics_heat	3313806	3313838	-	4	3	R.STLNIPGTGGK.S	15
PHEAT-5919	proteomics_heat	3313848	3313880	-	4	4	K.NSGPDKLTLQR.K	15
PHEAT-5920	proteomics_heat	3313881	3313910	-	4	6	K.QLIDHLNQK.N	14
PHEAT-5921	proteomics_heat	3313911	3313943	-	4	3	K.SADDSVSAQEK.Q	15
PHEAT-5922	proteomics_heat	3313944	3313979	-	4	2	R.LVQQFADAGIRK.S	16
PHEAT-5923	proteomics_heat	3314091	3314117	-	4	2	K.AGALIMAAR.N	13
PHEAT-5924	proteomics_heat	3314091	3314195	-	4	5	R.GVCTLEDLAEQGIDDLADIEGLTDEKAGALIMAAR.N	39
PHEAT-5925	proteomics_heat	3314118	3314195	-	4	18	R.GVCTLEDLAEQGIDDLADIEGLTDEK.A	30
PHEAT-5926	proteomics_heat	3314223	3314315	-	4	4	K.NALATIAQAQEESLGDNKPADDLLNLEGVDR.D	35
PHEAT-5927	proteomics_heat	3314328	3314378	-	4	2	K.ELLEIEGLDEPTVEALR.E	21
PHEAT-5928	proteomics_heat	3314466	3314507	-	4	4	K.HQAEHAHAIDTFTK.Y	18
PHEAT-5929	proteomics_heat	3314508	3314570	-	4	5	R.LASQLSGWELNVMTVDDLQAK.H	25
PHEAT-5930	proteomics_heat	3314739	3314774	-	4	4	R.VQAVSTELGGER.I	16
PHEAT-5931	proteomics_heat	3314784	3314816	-	4	2	R.IDPVGACVGM.R	15
PHEAT-5932	proteomics_heat	3314784	3314819	-	4	3	K.RIDPVGACVGM.R	16
PHEAT-5933	proteomics_heat	3314877	3314918	-	4	5	R.IEVPEIGEEVIEIK.A	18
PHEAT-5934	proteomics_heat	3314919	3314951	-	4	12	R.SKPEMLIELFR.I	15
PHEAT-5935	proteomics_heat	3314952	3314975	-	4	6	R.GAQLFVTR.S	12
PHEAT-5936	proteomics_heat	3314976	3315008	-	4	2	R.GVLYSVRPEAR.G	15
PHEAT-5937	proteomics_heat	3315057	3315107	-	4	5	R.DNISLDLGNNAEAVILR.E	21
PHEAT-5938	proteomics_heat	3315117	3315155	-	4	3	R.EHEGEIITGVVKK.V	17
PHEAT-5939	proteomics_heat	3315120	3315155	-	4	6	R.EHEGEIITGVVK.K	16
PHEAT-5940	proteomics_heat	3315120	3315179	-	4	4	R.AMVVDQFREHEGEIITGVVK.K	24
PHEAT-5941	proteomics_heat	3315156	3315179	-	4	5	R.AMVVDQFR.E	12
PHEAT-5942	proteomics_heat	3315237	3315305	-	4	20	R.YEDESINLGDYVEDQIESVTFDR.I	27
PHEAT-5943	proteomics_heat	3315330	3315365	-	4	3	R.WLVDEVTPQTK.E	16
PHEAT-5944	proteomics_heat	3315411	3315437	-	4	4	K.KYEQEIDVR.V	13
PHEAT-5945	proteomics_heat	3315411	3315440	-	4	2	K.KKYEQEIDVR.V	14
PHEAT-5946	proteomics_heat	3315438	3315488	-	4	10	R.EKIFEALESALATATK.K	21
PHEAT-5947	proteomics_heat	3315441	3315482	-	4	3	K.IFEALESALATATK.K	18
PHEAT-5948	proteomics_heat	3315441	3315485	-	4	3	E.KIFEALESALATATK.K	19
PHEAT-5949	proteomics_heat	3315441	3315488	-	4	20	R.EKIFEALESALATATK.K	20
PHEAT-5950	proteomics_heat	3315501	3315539	-	4	2	K.EILAVVEAVSNEK.A	17
PHEAT-5951	proteomics_heat	3315501	3315548	-	4	8	A.MNKEILAVVEAVSNEK.A	20
PHEAT-5952	proteomics_heat	3320198	3320251	-	6	10	K.TEQTQPAAPAKPTSDIPN.-	22
PHEAT-5953	proteomics_heat	3320252	3320287	-	6	4	K.GSEWENLSAPAK.T	16
PHEAT-5954	proteomics_heat	3320782	3320832	-	5	6	R.VMVEGEDEAQVTEFAHR.I	21
PHEAT-5955	proteomics_heat	3320878	3320916	-	5	2	K.AVTAEVEAALGNR.G	17
PHEAT-5956	proteomics_heat	3320917	3320961	-	5	4	R.YTAGSGDPLEHESVK.A	19
PHEAT-5957	proteomics_heat	3320992	3321030	-	5	2	R.NHMSLHDLCSGMK.M	17
PHEAT-5958	proteomics_heat	3321031	3321087	-	5	13	K.TTTGDGIVAGLQVLAAMAR.N	23
PHEAT-5959	proteomics_heat	3321088	3321129	-	5	6	R.IGAENSGHVILLDK.T	18
PHEAT-5960	proteomics_heat	3321208	3321261	-	5	4	R.GGAVGTLMSNMGLELALK.Q	22
PHEAT-5961	proteomics_heat	3321289	3321354	-	5	4	R.VIMVDHEGNKVDGDQIMYIAR.E	26
PHEAT-5962	proteomics_heat	3321355	3321393	-	5	2	K.ADLGIAFDGDDGR.V	17

PHEAT-5963	proteomics_heat	3321508	3321564	-	5	3	K.IVVD CANGATYHIAPNVLR.E	23
PHEAT-5964	proteomics_heat	3321565	3321603	-	5	2	K.ATFPNELSLSELK.I	17
PHEAT-5965	proteomics_heat	3321652	3321687	-	5	3	K.EISCVDSAELGK.A	16
PHEAT-5966	proteomics_heat	3321688	3321732	-	5	2	K.LPDAVEEAIEAEMEK.E	19
PHEAT-5967	proteomics_heat	3321688	3321756	-	5	6	K.FFSIDGTKLPDAVEEAIEAEMEK.E	27
PHEAT-5968	proteomics_heat	3321757	3321816	-	5	6	R.AEAGIVISASHNPFYDNGIK.F	24
PHEAT-5969	proteomics_heat	3322009	3322047	-	5	3	R.VGDAPITPDFVLK.L	17
PHEAT-5970	proteomics_heat	3322054	3322080	-	5	4	R.KYFGTDGIR.G	13
PHEAT-5971	proteomics_heat	3322229	3322273	-	6	3	R.KSMIGQLLNVGPSER.L	19
PHEAT-5972	proteomics_heat	3322274	3322324	-	6	3	R.LAEFHFNPLLVGMSR.K	21
PHEAT-5973	proteomics_heat	3322421	3322444	-	6	2	R.YFIEQIAR.C	12
PHEAT-5974	proteomics_heat	3322445	3322495	-	6	2	K.TMQEAPKYDDVFAEVNR.Y	21
PHEAT-5975	proteomics_heat	3322496	3322579	-	6	2	R.SLSEPGALEAAAETGLPVCLMHMQGNPK.T	32
PHEAT-5976	proteomics_heat	3323026	3323070	-	5	4	R.TPNPGNTMSEQLGDK.-	19
PHEAT-5977	proteomics_heat	3323098	3323172	-	5	2	R.RDVRPPAGWEEP GASNNSGDNGSPK.A	29
PHEAT-5978	proteomics_heat	3323173	3323217	-	5	5	K.YETIDAPQIDDLMAR.R	19
PHEAT-5979	proteomics_heat	3323233	3323274	-	5	3	R.QLLTDNMDILHAMK.D	18
PHEAT-5980	proteomics_heat	3323371	3323421	-	5	85	K.LGPLLYAEEEGEVFLGR.S	21
PHEAT-5981	proteomics_heat	3323476	3323538	-	5	5	R.LAEEIYGPEHVSTGASNDIK.V	25
PHEAT-5982	proteomics_heat	3323539	3323580	-	5	6	R.QKLESQISTLYGGR.L	18
PHEAT-5983	proteomics_heat	3323581	3323634	-	5	7	R.ALGVTFFLPEGDAISASR.Q	22
PHEAT-5984	proteomics_heat	3323659	3323688	-	5	5	R.LVPEHDPVHK.V	14
PHEAT-5985	proteomics_heat	3323689	3323733	-	5	12	K.ESTAYHEAGHAIIGR.L	19
PHEAT-5986	proteomics_heat	3323734	3323760	-	5	5	R.SMVMTEAQK.E	13
PHEAT-5987	proteomics_heat	3323797	3323826	-	5	5	K.RVSMVEFEK.A	14
PHEAT-5988	proteomics_heat	3323836	3323904	-	5	16	R.GTPGFSGADLANLVNEAALFAAR.G	27
PHEAT-5989	proteomics_heat	3323905	3323949	-	5	11	R.RVPLAPDIDAAIAR.G	19
PHEAT-5990	proteomics_heat	3324145	3324177	-	5	9	R.GAGLGGGHER.E	15
PHEAT-5991	proteomics_heat	3324184	3324231	-	5	25	K.AAPCIIFIDEIDAVGR.Q	20
PHEAT-5992	proteomics_heat	3324184	3324234	-	5	8	K.KAAPCIIFIDEIDAVGR.Q	21
PHEAT-5993	proteomics_heat	3324235	3324255	-	5	2	R.DMFEQAK.K	11
PHEAT-5994	proteomics_heat	3324430	3324513	-	5	13	K.TTFADVAGCDEAKEEVAELVEYLREPSR.F	32
PHEAT-5995	proteomics_heat	3324442	3324513	-	5	25	K.TTFADVAGCDEAKEEVAELVEYLR.E	28
PHEAT-5996	proteomics_heat	3324730	3324762	-	5	2	R.YTTYIPVQDPK.L	15
PHEAT-5997	proteomics_heat	3324775	3324795	-	5	3	R.EINVTKK.D	11
PHEAT-5998	proteomics_heat	3324817	3324864	-	5	2	K.VDYSTFLQEVNNDQVR.E	20
PHEAT-5999	proteomics_heat	3324817	3324867	-	5	6	R.KVDYSTFLQEVNNDQVR.E	21
PHEAT-6000	proteomics_heat	3325066	3325098	-	5	2	R.SREYIVATGR.K	15
PHEAT-6001	proteomics_heat	3325459	3325545	-	5	8	K.LFKPGMTVVLDGAAPGGWSQYVVTQIGGK.G	33
PHEAT-6002	proteomics_heat	3325546	3325572	-	5	3	K.LDEIQQSDK.L	13
PHEAT-6003	proteomics_heat	3325603	3325650	-	5	3	R.WLQEHFSDKYVQQAQK.K	20
PHEAT-6004	proteomics_heat	3326264	3326311	-	6	21	K.TPGGEVEFEVIKVEYL.-	20
PHEAT-6005	proteomics_heat	3326312	3326353	-	6	6	R.GLIGKEEDDVVVIK.T	18
PHEAT-6006	proteomics_heat	3326354	3326419	-	6	3	R.IVGDDEADFKQNLISVNSPIAR.G	26
PHEAT-6007	proteomics_heat	3326390	3326419	-	6	2	R.IVGDDEADFK.Q	14
PHEAT-6008	proteomics_heat	3326582	3326608	-	6	4	K.ENAEYHAAR.E	13

PHEAT-6009	proteomics_heat	3326582	3326626	-	6	3	R.EHGDLKENAEYHAAR.E	19
PHEAT-6010	proteomics_heat	3326627	3326662	-	6	12	R.RPEIIAAIAEAR.E	16
PHEAT-6011	proteomics_heat	3326672	3326698	-	6	5	K.LREELDFLK.S	13
PHEAT-6012	proteomics_heat	3328811	3328882	-	6	2	K.AIAEALGWEDKYLLISAASGLGVK.D	28
PHEAT-6013	proteomics_heat	3328889	3328924	-	6	2	K.IDLLDKVEAEK.A	16
PHEAT-6014	proteomics_heat	3328943	3328972	-	6	2	K.YSQDLATKPR.W	14
PHEAT-6015	proteomics_heat	3328997	3329059	-	6	3	R.VLLHLIDIDPIDGTPVENAR.I	25
PHEAT-6016	proteomics_heat	3329087	3329155	-	6	2	K.SFVVADIPGLIEGAAEGAGLGIR.F	27
PHEAT-6017	proteomics_heat	3329171	3329221	-	6	3	K.VADYPFTTLVPSLGVVR.M	21
PHEAT-6018	proteomics_heat	3329447	3329491	-	6	6	R.VIDQGTGETMGDMTK.H	19
PHEAT-6019	proteomics_heat	3329597	3329683	-	6	2	K.GGPDGGDGGDGGDVWMEADENLNTLIDYR.F	33
PHEAT-6020	proteomics_heat	3330668	3330751	-	6	3	K.QQAGIGILLALTTAICWGALPIAMKQVL.E	32
PHEAT-6021	proteomics_heat	3330887	3330910	-	6	8	R.KFISIEAE.-	12
PHEAT-6022	proteomics_heat	3330956	3330976	-	6	9	R.DHTLFAK.A	11
PHEAT-6023	proteomics_heat	3330977	3331009	-	6	11	K.FHAGANVGCGR.D	15
PHEAT-6024	proteomics_heat	3330983	3331009	-	6	4	K.FHAGANVGC.G	13
PHEAT-6025	proteomics_heat	3331025	3331066	-	6	43	R.FGGESVLAGSIIVR.Q	18
PHEAT-6026	proteomics_heat	3331025	3331069	-	6	11	K.RFGGESVLAGSIIVR.Q	19
PHEAT-6027	proteomics_heat	3331270	3331293	-	5	3	K.AEVVAHGR.G	12
PHEAT-6028	proteomics_heat	3331294	3331329	-	5	14	K.IGVPFVDGGVIK.A	16
PHEAT-6029	proteomics_heat	3331330	3331401	-	5	534	K.LDIATGETVEFAEVLMIANGEEVK.I	28
PHEAT-6030	proteomics_heat	3331330	3331410	-	5	40	R.LEKLDIATGETVEFAEVLMIANGEEVK.I	31
PHEAT-6031	proteomics_heat	3331444	3331473	-	5	14	Y.MYAVFQSGGK.Q	14
PHEAT-6032	proteomics_heat	3333404	3333439	-	6	2	K.LSGAQVMATDLR.A	16
PHEAT-6033	proteomics_heat	3333440	3333496	-	6	10	R.MGAHAEIESNTVICHGVEK.L	23
PHEAT-6034	proteomics_heat	3333779	3333835	-	6	2	R.VLPDRIETGTFLVAAAISR.G	23
PHEAT-6035	proteomics_heat	3333905	3333955	-	6	6	R.EPEIVDTANFLITLGAK.I	21
PHEAT-6036	proteomics_heat	3334037	3334060	-	6	5	K.GAHIVMDK.V	12
PHEAT-6037	proteomics_heat	3334106	3334207	-	6	2	R.FGQQQVSLPGGCTIGARPVDLHISGLEQLGATIK.L	38
PHEAT-6038	proteomics_heat	3334208	3334243	-	6	5	R.ASIWALGPLVAR.F	16
PHEAT-6039	proteomics_heat	3334253	3334291	-	6	2	R.DVNVFCAPYDLVK.T	17
PHEAT-6040	proteomics_heat	3334292	3334318	-	6	4	R.NGSVHIDAR.D	13
PHEAT-6041	proteomics_heat	3334352	3334378	-	6	5	K.LKDVDTSMK.L	13
PHEAT-6042	proteomics_heat	3334379	3334450	-	6	59	K.NAALPILFAALLAEPEVEIQNVPK.L	28
PHEAT-6043	proteomics_heat	3334643	3334690	-	6	3	K.QQTVYGPLMEYIADNR.I	20
PHEAT-6044	proteomics_heat	3335039	3335080	-	6	5	K.KQGNNVTLQGVNDK.V	18
PHEAT-6045	proteomics_heat	3335081	3335131	-	6	5	R.VDTGGLALLHLIDLAK.K	21
PHEAT-6046	proteomics_heat	3335383	3335451	-	5	2	K.NSQGTGNWQAYDMIAEGVSMITTK.Q	27
PHEAT-6047	proteomics_heat	3335665	3335700	-	5	2	K.YAGALVLGQYYK.S	16
PHEAT-6048	proteomics_heat	3335701	3335742	-	5	2	R.TIVDQELLPYVQVK.Y	18
PHEAT-6049	proteomics_heat	3335803	3335826	-	5	4	K.LMDEAAQK.T	12
PHEAT-6050	proteomics_heat	3335827	3335850	-	5	2	A.ADQTNPYK.L	12
PHEAT-6051	proteomics_heat	3335935	3336003	-	5	10	K.NSGDAPAAAPGNNETTEPVGTTK.-	27
PHEAT-6052	proteomics_heat	3336019	3336069	-	5	27	K.SAMVLEDLIGQFLYGSK.G	21
PHEAT-6053	proteomics_heat	3336070	3336096	-	5	2	K.DGDTIQDTK.S	13
PHEAT-6054	proteomics_heat	3336097	3336177	-	5	2	R.TSGLLGEQYLALNVGFEDPELGTAILK.D	31

PHEAT-6055	proteomics_heat	3336178	3336216	-	5	2	R.YNHIPDTSSLSIR.T	17
PHEAT-6056	proteomics_heat	3336256	3336282	-	5	3	R.VADITLDPK.T	13
PHEAT-6057	proteomics_heat	3336325	3336378	-	5	3	R.TEPTYTLYATFDNIGGLK.A	22
PHEAT-6058	proteomics_heat	3337371	3337421	-	4	9	K.IVAHGSAQALQANPDPR.V	21
PHEAT-6059	proteomics_heat	3337533	3337616	-	4	8	R.AIALEPDLIMFDEPFVQDPITMGVLVK.L	32
PHEAT-6060	proteomics_heat	3337704	3337754	-	4	7	R.EHTQLPAPLLHSTVMMK.L	21
PHEAT-6061	proteomics_heat	3337857	3337931	-	4	3	R.LIGGQIAPDHGEILFDGENIPAMSR.S	29
PHEAT-6062	proteomics_heat	3347861	3347926	-	6	8	K.IVTPPAYMLAQNIAEAASGIDK.L	26
PHEAT-6063	proteomics_heat	3348053	3348127	-	6	10	K.ALAQAMHQAGKPLGFMCIAPAMPLPK.I	29
PHEAT-6064	proteomics_heat	3348083	3348127	-	6	2	K.ALAQAMHQAGKPLGF.M	19
PHEAT-6065	proteomics_heat	3348137	3348184	-	6	4	K.NLSNFASLGSECTVDR.E	20
PHEAT-6066	proteomics_heat	3348185	3348265	-	6	9	R.GEIRPLAQADAAELDALIVPGGF.GAAK.N	31
PHEAT-6067	proteomics_heat	3348299	3348352	-	6	2	K.QQVDVINHLTGEAMTETR.N	22
PHEAT-6068	proteomics_heat	3348299	3348388	-	6	2	R.SGAQAVCFAPDKQQVDVINHLTGEAMTETR.N	34
PHEAT-6069	proteomics_heat	3349008	3349067	-	4	2	K.SEALLDIPMLEQYLELVGPK.L	24
PHEAT-6070	proteomics_heat	3349617	3349673	-	4	3	K.DSHGGKPATGTGIGLAVSR.R	23
PHEAT-6071	proteomics_heat	3349793	3349876	-	6	7	I.RSLPTGRVYGRSCGTSSVTPSNSPSKAR.L	32
PHEAT-6072	proteomics_heat	3349920	3350003	-	4	3	K.VQLDNQPVDFTSFLADLENLSALQAQQK.G	32
PHEAT-6073	proteomics_heat	3349920	3350006	-	4	2	R.KVQLDNQPVDFTSFLADLENLSALQAQQK.G	33
PHEAT-6074	proteomics_heat	3350415	3350468	-	4	3	K.QLVHLKPADVYSPEAAK.V	22
PHEAT-6075	proteomics_heat	3350535	3350573	-	4	2	R.SFLDASPDLVFYR.N	17
PHEAT-6076	proteomics_heat	3350637	3350681	-	4	2	R.EKAEAELETFTGQLK.I	19
PHEAT-6077	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6078	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6079	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6080	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6081	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6082	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6083	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6084	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6085	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6086	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6087	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6088	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6089	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6090	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6091	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6092	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6093	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6094	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6095	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6096	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6097	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6098	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6099	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6100	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14

PHEAT-6101	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6102	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6103	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6104	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6105	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6106	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6107	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6108	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6109	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6110	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6111	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6112	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6113	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6114	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6115	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6116	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6117	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6118	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6119	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6120	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6121	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6122	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6123	proteomics_heat	3370456	3370536	-	5	6	R.AFSAAWLGYLLDGFDFVLIALVLTEVQ.G	31
PHEAT-6124	proteomics_heat	3370897	3370932	-	5	2	K.ALKEGDIQTAQK.L	16
PHEAT-6125	proteomics_heat	3371104	3371160	-	5	2	K.LTLDQINTLVTLPGVGALK.Q	23
PHEAT-6126	proteomics_heat	3371311	3371373	-	5	2	K.LIAHVGCVSTAESQQLAASAK.R	25
PHEAT-6127	proteomics_heat	3371729	3371794	-	6	2	R.ALQSHLNSVSATWHAFGQTTNK.K	26
PHEAT-6128	proteomics_heat	3372002	3372052	-	6	2	K.ALEINSQSLDNNAAFIR.S	21
PHEAT-6129	proteomics_heat	3372053	3372100	-	6	2	R.YAAEHATDEQIDLLAK.A	20
PHEAT-6130	proteomics_heat	3372128	3372175	-	6	4	K.DFLSHPGGIAHFEQLR.L	20
PHEAT-6131	proteomics_heat	3372176	3372229	-	6	3	R.VSRPSADTIIGELSGMAK.D	22
PHEAT-6132	proteomics_heat	3374511	3374555	-	4	2	R.QVSVPLAAVLAIYAR.E	19
PHEAT-6133	proteomics_heat	3374586	3374624	-	4	2	R.AVGNLELANDEV.R.F	17
PHEAT-6134	proteomics_heat	3374625	3374657	-	4	2	R.DGQIVLNIAPR.A	15
PHEAT-6135	proteomics_heat	3374828	3374863	-	6	6	R.DSFLASLTAER.E	16
PHEAT-6136	proteomics_heat	3374900	3374941	-	6	5	R.LPQLGIEFSGPGAK.E	18
PHEAT-6137	proteomics_heat	3375005	3375052	-	6	2	K.QLREELLAIAIPVFGQK.P	20
PHEAT-6138	proteomics_heat	3375011	3375055	-	6	2	R.KQLREELLAIAIPVFG.Q	19
PHEAT-6139	proteomics_heat	3375053	3375127	-	6	9	R.IEKDWYTLMNNTIINGSASEADAARK.Q	29
PHEAT-6140	proteomics_heat	3375056	3375127	-	6	12	R.IEKDWYTLMNNTIINGSASEADAAR.K	28
PHEAT-6141	proteomics_heat	3375155	3375196	-	6	10	R.FPHPLMPVYPVAR.G	18
PHEAT-6142	proteomics_heat	3375155	3375223	-	6	10	R.IIMEYLDERFPHPLMPVYPVAR.G	27
PHEAT-6143	proteomics_heat	3375197	3375223	-	6	2	R.IIMEYLDER.F	13
PHEAT-6144	proteomics_heat	3375248	3375313	-	6	26	K.DNPPQDLIDLNPQSVPTLVDR.E	26
PHEAT-6145	proteomics_heat	3375248	3375346	-	6	3	K.GVSFEIEHVEKDNPPQDLIDLNPQSVPTLVDR.E	37
PHEAT-6146	proteomics_heat	3375314	3375346	-	6	2	K.GVSFEIEHVEK.D	15

PHEAT-6147	proteomics_heat	3375365	3375400	-	6	2	F.SGPTDIYSHQVR.I	16
PHEAT-6148	proteomics_heat	3375365	3375418	-	6	5	R.SVMTLFSGPTDIYSHQVR.I	22
PHEAT-6149	proteomics_heat	3375933	3375974	-	4	2	R.ALMEYDESLRSELR.K	18
PHEAT-6150	proteomics_heat	3375945	3375974	-	4	6	R.ALMEYDESLR.S	14
PHEAT-6151	proteomics_heat	3375987	3376025	-	4	2	K.GGGISGQAGAIR.H	17
PHEAT-6152	proteomics_heat	3375990	3376025	-	4	63	K.GGGISGQAGAIR.H	16
PHEAT-6153	proteomics_heat	3376026	3376082	-	4	39	R.QPLELVDLMVEKLDLYITVK.G	23
PHEAT-6154	proteomics_heat	3376044	3376082	-	4	2	R.QPLELVDLMVEKLD.L	17
PHEAT-6155	proteomics_heat	3376050	3376082	-	4	5	R.QPLELVDLMVEK.L	15
PHEAT-6156	proteomics_heat	3376107	3376130	-	4	14	R.SLEQYFGR.E	12
PHEAT-6157	proteomics_heat	3376149	3376175	-	4	6	R.VFIKPGNGK.I	13
PHEAT-6158	proteomics_heat	3376197	3376226	-	4	20	M.AENQYYGTGR.R	14
PHEAT-6159	proteomics_heat	3376248	3376304	-	4	20	K.VYAGNEHNHAAQQPQVLDI.-	23
PHEAT-6160	proteomics_heat	3376260	3376304	-	4	2	K.VYAGNEHNHAAQQPQ.V	19
PHEAT-6161	proteomics_heat	3376269	3376304	-	4	11	K.VYAGNEHNHAAQ.Q	16
PHEAT-6162	proteomics_heat	3376389	3376418	-	4	3	K.QATFEEMIAR.R	14
PHEAT-6163	proteomics_heat	3376467	3376550	-	4	2	K.AEYTPHVDTGDYIIVLNADKVAVTGNKR.T	32
PHEAT-6164	proteomics_heat	3376470	3376550	-	4	11	K.AEYTPHVDTGDYIIVLNADKVAVTGNK.R	31
PHEAT-6165	proteomics_heat	3376491	3376550	-	4	12	K.AEYTPHVDTGDYIIVLNADK.V	24
PHEAT-6166	proteomics_heat	3376491	3376556	-	4	13	K.HKAEYTPHVDTGDYIIVLNADK.V	26
PHEAT-6167	proteomics_heat	3376605	3376634	-	4	18	R.DWYVVDATGK.T	14
PHEAT-6168	proteomics_heat	3376605	3376637	-	4	3	K.RDWYVVDATGK.T	15
PHEAT-6169	proteomics_heat	3376635	3376667	-	4	2	K.TFTAKPETVKR.D	15
PHEAT-6170	proteomics_heat	3376638	3376667	-	4	7	K.TFTAKPETVK.R	14
PHEAT-6171	proteomics_heat	3376910	3376945	-	6	2	R.LQEMQSEEYLKR.E	16
PHEAT-6172	proteomics_heat	3376979	3377029	-	6	2	K.LVVSAEVPLYEIQGDR.L	21
PHEAT-6173	proteomics_heat	3377321	3377371	-	6	3	R.TLTQAHLWLSPLHDETR.A	21
PHEAT-6174	proteomics_heat	3377942	3377983	-	6	4	K.ALNEGSHQPDDVQK.E	18
PHEAT-6175	proteomics_heat	3381355	3381387	-	5	23	K.DIALGEEFVNK.-	15
PHEAT-6176	proteomics_heat	3381355	3381390	-	5	4	K.KDIALGEEFVNK.-	16
PHEAT-6177	proteomics_heat	3381388	3381453	-	5	42	K.SIGTLSAFEQNALEGMLDTLKK.D	26
PHEAT-6178	proteomics_heat	3381388	3381456	-	5	108	R.KSIGTLSAFEQNALEGMLDTLKK.D	27
PHEAT-6179	proteomics_heat	3381391	3381453	-	5	4	K.SIGTLSAFEQNALEGMLDTLK.K	25
PHEAT-6180	proteomics_heat	3381391	3381456	-	5	18	R.KSIGTLSAFEQNALEGMLDTLK.K	26
PHEAT-6181	proteomics_heat	3381409	3381456	-	5	2	R.KSIGTLSAFEQNALEG.M	20
PHEAT-6182	proteomics_heat	3381412	3381456	-	5	2	R.KSIGTLSAFEQNALE.G	19
PHEAT-6183	proteomics_heat	3381475	3381504	-	5	23	R.FFSQPLLLGK.N	14
PHEAT-6184	proteomics_heat	3381505	3381570	-	5	132	R.ALQGEQGVVECAYVEGDGQYAR.F	26
PHEAT-6185	proteomics_heat	3381592	3381639	-	5	22	K.AGGGSATLSMQAAAR.F	20
PHEAT-6186	proteomics_heat	3381640	3381675	-	5	19	R.IQNAGTEVVEAK.A	16
PHEAT-6187	proteomics_heat	3381640	3381678	-	5	16	K.RIQNAGTEVVEAK.A	17
PHEAT-6188	proteomics_heat	3381676	3381723	-	5	31	V.PGVSFTEQEVADLTKR.I	20
PHEAT-6189	proteomics_heat	3381676	3381726	-	5	4	Q.VPGVSFTEQEVADLTKR.I	21
PHEAT-6190	proteomics_heat	3381676	3381741	-	5	3	L.PLLSQVPGVSFTEQEVADLTKR.I	26
PHEAT-6191	proteomics_heat	3381676	3381771	-	5	7	V.IGGHSGVTILPLLSQVPGVSFTEQEVADLTKR.I	36
PHEAT-6192	proteomics_heat	3381676	3381798	-	5	4	K.QPGEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVADLTKR.I	45

PHEAT-6193	proteomics_heat	3381676	3381804	-	5	35	K.KGQPGVEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVDLTKR.I	47
PHEAT-6194	proteomics_heat	3381679	3381723	-	5	10	V.PGVSFTEQEVDLTK.R	19
PHEAT-6195	proteomics_heat	3381679	3381738	-	5	31	P.LLSQVPGVSFTEQEVDLTK.R	24
PHEAT-6196	proteomics_heat	3381679	3381759	-	5	11	H.SGVTILPLLSQVPGVSFTEQEVDLTK.R	31
PHEAT-6197	proteomics_heat	3381679	3381798	-	5	14	K.QPGEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVDLTK.R	44
PHEAT-6198	proteomics_heat	3381679	3381804	-	5	40	K.GKQPGVEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVDLTK.R	46
PHEAT-6199	proteomics_heat	3381736	3381804	-	5	2	K.GKQPGVEVEVPVIGGHSGVTILPL.L	27
PHEAT-6200	proteomics_heat	3381805	3381831	-	5	7	R.SNTFVAELK.G	13
PHEAT-6201	proteomics_heat	3381832	3381864	-	5	23	K.LFGVTTLDIIR.S	15
PHEAT-6202	proteomics_heat	3381832	3381870	-	5	9	K.NKLFVTTLDIIR.S	17
PHEAT-6203	proteomics_heat	3381889	3381954	-	5	3	A.CIGIITNPVNTTVAIAAEVLKK.A	26
PHEAT-6204	proteomics_heat	3381889	3381957	-	5	72	K.ACIGIITNPVNTTVAIAAEVLKK.A	27
PHEAT-6205	proteomics_heat	3381892	3381957	-	5	81	K.ACIGIITNPVNTTVAIAAEVLK.K	26
PHEAT-6206	proteomics_heat	3381892	3381960	-	5	15	P.KACIGIITNPVNTTVAIAAEVLK.K	27
PHEAT-6207	proteomics_heat	3381892	3381987	-	5	4	L.VQQVAKTCPKACIGIITNPVNTTVAIAAEVLK.K	36
PHEAT-6208	proteomics_heat	3381970	3381993	-	5	3	K.NLVQQVAK.T	12
PHEAT-6209	proteomics_heat	3381994	3382029	-	5	16	R.SDLFNVNAGIVK.N	16
PHEAT-6210	proteomics_heat	3382048	3382122	-	5	67	K.GFSGEDATPALEGADVVLISAGVAR.K	29
PHEAT-6211	proteomics_heat	3382048	3382128	-	5	51	K.IKGFSGEDATPALEGADVVLISAGVAR.K	31
PHEAT-6212	proteomics_heat	3382129	3382182	-	5	5	A.PVTPGVAVDLSHIPTAVK.I	22
PHEAT-6213	proteomics_heat	3382129	3382185	-	5	2	I.APVTPGVAVDLSHIPTAVK.I	23
PHEAT-6214	proteomics_heat	3382129	3382191	-	5	2	Y.DIAPVTPGVAVDLSHIPTAVK.I	25
PHEAT-6215	proteomics_heat	3382129	3382227	-	5	92	K.TQLPSGSELSLYDIAPVTPGVAVDLSHIPTAVK.I	37
PHEAT-6216	proteomics_heat	3382228	3382263	-	5	18	A.GGIGQALALLLK.T	16
PHEAT-6217	proteomics_heat	3382228	3382284	-	5	695	K.VAVLGAAGGIGQALALLLK.T	23
PHEAT-6218	proteomics_heat	3388638	3388682	-	4	3	K.EGQSLPVGVGQPTLK.V	19
PHEAT-6219	proteomics_heat	3388683	3388712	-	4	2	K.LDNGVGVCGK.E	14
PHEAT-6220	proteomics_heat	3388713	3388781	-	4	2	K.GATLIGSGIETMQQISMVGNDLK.L	27
PHEAT-6221	proteomics_heat	3388965	3388994	-	4	2	R.ESYAHLPMPR.M	14
PHEAT-6222	proteomics_heat	3389133	3389222	-	4	2	R.GTSVFSGQVGELVASELCTVDDGTMVDRR.G	34
PHEAT-6223	proteomics_heat	3389385	3389429	-	4	12	R.FGYEFFLADLDGEVR.A	19
PHEAT-6224	proteomics_heat	3389499	3389597	-	4	2	R.VQEVTASLSGVYELILVAATDGTLAADVRLVR.L	37
PHEAT-6225	proteomics_heat	3389658	3389729	-	4	3	K.VQTLGAVEHSPLYTSVDPLQSMSR.E	28
PHEAT-6226	proteomics_heat	3389844	3389882	-	4	6	K.DGSYNIDQGVGVR.A	17
PHEAT-6227	proteomics_heat	3389958	3389999	-	4	9	K.HQDLFAILGQLAER.R	18
PHEAT-6228	proteomics_heat	3393639	3393668	-	4	2	R.DDEGLLSNGR.V	14
PHEAT-6229	proteomics_heat	3394585	3394635	-	5	4	R.ESIEHVLNCEPTCHGR.G	21
PHEAT-6230	proteomics_heat	3394708	3394740	-	5	2	R.VLHSLEQALSK.D	15
PHEAT-6231	proteomics_heat	3394819	3394875	-	5	2	R.NLDDTIFNTNIEATQAIAR.Q	23
PHEAT-6232	proteomics_heat	3394984	3395028	-	5	3	R.QPIFDLFDVENEIQR.A	19
PHEAT-6233	proteomics_heat	3395128	3395154	-	5	5	R.DFADAELDR.I	13
PHEAT-6234	proteomics_heat	3395128	3395163	-	5	2	R.VLRDFADAELDR.I	16
PHEAT-6235	proteomics_heat	3395386	3395433	-	5	3	R.YLVFMPGASHVGVSQR.I	20
PHEAT-6236	proteomics_heat	3395473	3395523	-	5	2	R.QGQDLMVQVVKDPLGTK.G	21
PHEAT-6237	proteomics_heat	3395560	3395625	-	5	4	K.AAFLHASDIMPHTECVAGEEQK.Q	26
PHEAT-6238	proteomics_heat	3395626	3395673	-	5	3	R.VLPGMQAAFVDIGLDK.A	20



PHEAT-6239	proteomics_heat	3395963	3396019	-	6	2	R.TLTDEDIAGYVASDEPLDK.A	23
PHEAT-6240	proteomics_heat	3396119	3396148	-	6	2	R.DAEHAAQMLR.K	14
PHEAT-6241	proteomics_heat	3396260	3396322	-	6	2	R.IVTGIEEQRPQESAQQYVVR.L	25
PHEAT-6242	proteomics_heat	3396323	3396364	-	6	2	R.RQELLAQLGVTFER.I	18
PHEAT-6243	proteomics_heat	3396966	3397070	-	4	6	K.LPEPATGIAQPTPQQPATGNAATAPAAPTQPAANR.S	39
PHEAT-6244	proteomics_heat	3397140	3397178	-	4	3	R.NGANPMTPEEVHR.V	17
PHEAT-6245	proteomics_heat	3397440	3397490	-	4	2	R.VLLICDATHALPIQVLR.N	21
PHEAT-6246	proteomics_heat	3397767	3397790	-	4	2	R.DQLELENR.A	12
PHEAT-6247	proteomics_heat	3397830	3397883	-	4	2	R.TYMDTAVSPFYFVSNAPR.E	22
PHEAT-6248	proteomics_heat	3398069	3398116	-	6	8	K.ALEMIDMHGGDLFSEE.-	20
PHEAT-6249	proteomics_heat	3398129	3398194	-	6	7	R.LLMEETGIPVVVAEDPLTCVAR.G	26
PHEAT-6250	proteomics_heat	3398369	3398392	-	6	2	R.NLAEGVPR.G	12
PHEAT-6251	proteomics_heat	3398414	3398452	-	6	4	K.HEIGSAYPGDEV.R	17
PHEAT-6252	proteomics_heat	3398459	3398497	-	6	3	R.NYGLSLIGEATAER.I	17
PHEAT-6253	proteomics_heat	3398459	3398500	-	6	9	R.RNYGLSLIGEATAER.I	18
PHEAT-6254	proteomics_heat	3398501	3398545	-	6	23	R.IGGDRFDEAIINYVR.R	19
PHEAT-6255	proteomics_heat	3398741	3398782	-	6	5	R.VLVCVPGATQVER.R	18
PHEAT-6256	proteomics_heat	3398741	3398785	-	6	4	P.RVLVCVPGATQVER.R	19
PHEAT-6257	proteomics_heat	3398843	3398878	-	6	6	K.DGVIADFFVTEK.M	16
PHEAT-6258	proteomics_heat	3398879	3398914	-	6	7	R.TPGNIAAIRPMK.D	16
PHEAT-6259	proteomics_heat	3398930	3398959	-	6	21	K.SVAAVGHDAK.Q	14
PHEAT-6260	proteomics_heat	3398984	3399028	-	6	2	K.GQGIVLNEPSVVAIR.Q	19
PHEAT-6261	proteomics_heat	3399029	3399091	-	6	11	R.GMFSNDLSIDLGTANTLIYVK.G	25
PHEAT-6262	proteomics_heat	3408704	3408754	-	6	3	F.AVTVFRCPAGANLQGNR.N	21
PHEAT-6263	proteomics_heat	3420196	3420237	-	5	14	C.DDGIIYQPRNYQLQR.L	18
PHEAT-6264	proteomics_heat	3428411	3428464	-	6	3	R.GVLLPLLSLDCAVTITNR.T	22
PHEAT-6265	proteomics_heat	3428648	3428692	-	6	3	K.GANVTVPFKEEAFAR.A	19
PHEAT-6266	proteomics_heat	3428693	3428755	-	6	3	R.VLAPINDFINTLNAFFSAGGK.G	25
PHEAT-6267	proteomics_heat	3428756	3428815	-	6	7	K.SPFIHQQFAQQLNIEHPYGR.V	24
PHEAT-6268	proteomics_heat	3429303	3429374	-	4	5	R.VIAYPTEAVFGVGCDDPSETAVMR.L	28
PHEAT-6269	proteomics_heat	3429763	3429813	-	5	3	K.VLEGQVCPACGANLVLR.Q	21
PHEAT-6270	proteomics_heat	3437668	3437712	-	5	23	R.AGDNAPMAYIELVDR.S	19
PHEAT-6271	proteomics_heat	3437764	3437787	-	5	13	K.LFNELGPR.F	12
PHEAT-6272	proteomics_heat	3437788	3437808	-	5	4	R.DNEIVAK.L	11
PHEAT-6273	proteomics_heat	3437788	3437814	-	5	8	R.TRDNEIVAK.L	13
PHEAT-6274	proteomics_heat	3437854	3437883	-	5	10	R.VVEPLITLAK.T	14
PHEAT-6275	proteomics_heat	3437854	3437886	-	5	19	R.RVVEPLITLAK.T	15
PHEAT-6276	proteomics_heat	3438122	3438157	-	6	13	K.SLTEIKDVLASR.G	16
PHEAT-6277	proteomics_heat	3438122	3438160	-	6	2	K.KSLTEIKDVLASR.G	17
PHEAT-6278	proteomics_heat	3438200	3438238	-	6	23	K.AEAIHYIGDLVQR.T	17
PHEAT-6279	proteomics_heat	3438200	3438253	-	6	3	S.ANCLKAEAIHYIGDLVQR.T	22
PHEAT-6280	proteomics_heat	3438200	3438256	-	6	2	R.SANCLKAEAIHYIGDLVQR.T	23
PHEAT-6281	proteomics_heat	3438257	3438301	-	6	5	D.PILLRPVDDLELTVR.S	19
PHEAT-6282	proteomics_heat	3438257	3438322	-	6	2	K.EEKPEFDPILLRPVDDLELTVR.S	26
PHEAT-6283	proteomics_heat	3438257	3438337	-	6	2	R.QPEVKEEKPEFDPILLRPVDDLELTVR.S	31
PHEAT-6284	proteomics_heat	3438347	3438394	-	6	1252	R.AATILAEQLEAFVDLR.D	20

PHEAT-6285	proteomics_heat	3438347	3438397	-	6	16	R.RAATILAEQLEAFVDLR.D	21
PHEAT-6286	proteomics_heat	3438395	3438466	-	6	16	R.TDLDKLVIEMETNGTIDPEEAIRR.A	28
PHEAT-6287	proteomics_heat	3438398	3438451	-	6	7	K.LVIEMETNGTIDPEEAIR.R	22
PHEAT-6288	proteomics_heat	3438398	3438466	-	6	18	R.TDLDKLVIEMETNGTIDPEEAIR.R	27
PHEAT-6289	proteomics_heat	3438479	3438505	-	6	8	R.IAYNVEAAR.V	13
PHEAT-6290	proteomics_heat	3438506	3438541	-	6	7	R.LLVDACYSPVER.I	16
PHEAT-6291	proteomics_heat	3438542	3438577	-	6	12	R.IHSEEDERPIGR.L	16
PHEAT-6292	proteomics_heat	3438623	3438739	-	6	11	K.SGIGPVTAADITHDGDVEIVKPQHVICHLTDENASISMR.I	43
PHEAT-6293	proteomics_heat	3438677	3438739	-	6	6	K.SGIGPVTAADITHDGDVEIVK.P	25
PHEAT-6294	proteomics_heat	3438740	3438766	-	6	5	K.DEVILTLNK.S	13
PHEAT-6295	proteomics_heat	3438740	3438778	-	6	24	R.VQGKDEVILTLNK.S	17
PHEAT-6296	proteomics_heat	3438794	3438838	-	6	94	K.EGVQEDILEILLNLK.G	19
PHEAT-6297	proteomics_heat	3438839	3438916	-	6	85	R.ILLSSMPGCAVTEVEIDGVLHEYSTK.E	30
PHEAT-6298	proteomics_heat	3438839	3438919	-	6	13	R.RILLSSMPGCAVTEVEIDGVLHEYSTK.E	31
PHEAT-6299	proteomics_heat	3438920	3438952	-	6	3	R.GFGHTLGNALR.R	15
PHEAT-6300	proteomics_heat	3438923	3438952	-	6	2	R.GFGHTLGNAL.R	14
PHEAT-6301	proteomics_heat	3438977	3439015	-	6	22	R.LVDIEQVSSTHAK.V	17
PHEAT-6302	proteomics_heat	3439016	3439051	-	6	8	T.MQGSVTEFLKPR.L	16
PHEAT-6303	proteomics_heat	3439080	3439133	-	4	2270	R.SDLSADINEHLIVELYSK.-	22
PHEAT-6304	proteomics_heat	3439149	3439202	-	4	9	R.EKPTWLEVDAGKMEGTFK.R	22
PHEAT-6305	proteomics_heat	3439167	3439202	-	4	15	R.EKPTWLEVDAGK.M	16
PHEAT-6306	proteomics_heat	3439203	3439229	-	4	9	K.AALELAEQR.E	13
PHEAT-6307	proteomics_heat	3439203	3439235	-	4	13	R.VKAALELAEQR.E	15
PHEAT-6308	proteomics_heat	3439260	3439313	-	4	21	R.VVNIASYQVSPNDVVSIR.E	22
PHEAT-6309	proteomics_heat	3439260	3439316	-	4	2	G.RVVNIASYQVSPNDVVSIR.E	23
PHEAT-6310	proteomics_heat	3439386	3439412	-	4	2	E.GRLDNVVYR.M	13
PHEAT-6311	proteomics_heat	3439407	3439448	-	4	12	K.GNTGENLLALLEGR.L	18
PHEAT-6312	proteomics_heat	3439407	3439454	-	4	97	R.LKGNTGENLLALLEGR.L	20
PHEAT-6313	proteomics_heat	3439413	3439454	-	4	2	R.LKGNTGENLLALLE.G	18
PHEAT-6314	proteomics_heat	3439488	3439508	-	4	2	R.IYGVLER.Q	11
PHEAT-6315	proteomics_heat	3439530	3439556	-	4	34	R.LSDYGVQLR.E	13
PHEAT-6316	proteomics_heat	3439566	3439598	-	4	12	K.IEQAPGQHGAR.K	15
PHEAT-6317	proteomics_heat	3439566	3439604	-	4	2	K.CKIEQAPGQHGAR.K	17
PHEAT-6318	proteomics_heat	3439632	3439655	-	4	2	R.EGTDLFLK.S	12
PHEAT-6319	proteomics_heat	3439632	3439658	-	4	3	R.REGTDLFLK.S	13
PHEAT-6320	proteomics_heat	3439803	3439826	-	4	2	R.ALNAAGFR.I	12
PHEAT-6321	proteomics_heat	3439860	3439880	-	4	4	K.NLEV MVK.G	11
PHEAT-6322	proteomics_heat	3439881	3439913	-	4	3	R.CADAVKEYGIK.N	15
PHEAT-6323	proteomics_heat	3439914	3439949	-	4	5	K.STPFAAQVAAER.C	16
PHEAT-6324	proteomics_heat	3439914	3439952	-	4	29	R.KSTPFAAQVAAER.C	17
PHEAT-6325	proteomics_heat	3439962	3440009	-	4	20	R.QGNALGWATAGGSGFR.G	20
PHEAT-6326	proteomics_heat	3440010	3440054	-	4	2	H.IHASFNTIVTITDR.Q	19
PHEAT-6327	proteomics_heat	3440010	3440078	-	4	27	K.QVSDGVAHIHASFNTIVTITDR.Q	27
PHEAT-6328	proteomics_heat	3440010	3440081	-	4	12	R.KQVSDGVAHIHASFNTIVTITDR.Q	28
PHEAT-6329	proteomics_heat	3440037	3440081	-	4	2	R.KQVSDGVAHIHASFN.N	19
PHEAT-6330	proteomics_heat	3440233	3440256	-	5	3	R.LMDLG CYR.G	12

PHEAT-6331	proteomics_heat	3440233	3440259	-	5	4	K.RLMDLGCYR.G	13
PHEAT-6332	proteomics_heat	3440257	3440280	-	5	2	R.EISMSIKR.L	12
PHEAT-6333	proteomics_heat	3440284	3440307	-	5	3	K.FVVEGDLR.R	12
PHEAT-6334	proteomics_heat	3440308	3440361	-	5	28	K.ISELSEGQIDTLRDEVAK.F	22
PHEAT-6335	proteomics_heat	3440308	3440400	-	5	3	K.AILAAAGIAEDVKISELSEGQIDTLRDEVAK.F	35
PHEAT-6336	proteomics_heat	3440323	3440361	-	5	2	K.ISELSEGQIDTLR.D	17
PHEAT-6337	proteomics_heat	3440362	3440400	-	5	52	K.AILAAAGIAEDVK.I	17
PHEAT-6338	proteomics_heat	3440362	3440406	-	5	2	R.SKAILAAAGIAEDVK.I	19
PHEAT-6339	proteomics_heat	3440413	3440454	-	5	330	K.HAVIALTSIYGVGK.T	18
PHEAT-6340	proteomics_heat	3440455	3440484	-	5	19	R.IAGINIPDHK.H	14
PHEAT-6341	proteomics_heat	3441028	3441075	-	5	8	K.SGAFVPGIRPGEQTAK.Y	20
PHEAT-6342	proteomics_heat	3441316	3441351	-	5	4	R.VYAAQSTHLPLK.V	16
PHEAT-6343	proteomics_heat	3441898	3441948	-	5	17	R.GTIEMFNMFSGGALS.R.A	21
PHEAT-6344	proteomics_heat	3442081	3442116	-	5	8	M.AKQPGLDFQSAK.G	16
PHEAT-6345	proteomics_heat	3442130	3442165	-	6	12	R.AAIEAAGGKIEE.-	16
PHEAT-6346	proteomics_heat	3442193	3442234	-	6	17	K.VILAGEVTPVTVR.G	18
PHEAT-6347	proteomics_heat	3442235	3442273	-	6	45	K.AANIIGIQIEFAK.V	17
PHEAT-6348	proteomics_heat	3442274	3442309	-	6	11	K.VEGGVVDLNTLK.A	16
PHEAT-6349	proteomics_heat	3442328	3442354	-	6	10	R.KAAITAEIR.L	13
PHEAT-6350	proteomics_heat	3442385	3442417	-	6	11	R.GFEGGQMPLYR.R	15
PHEAT-6351	proteomics_heat	3442385	3442420	-	6	14	R.RGFEGGQMPLYR.R	16
PHEAT-6352	proteomics_heat	3442523	3442555	-	6	6	R.LNTLSPAEGSK.K	15
PHEAT-6353	proteomics_heat	3442523	3442561	-	6	2	E.MRLNTLSPAEGSK.K	17
PHEAT-6354	proteomics_heat	3442577	3442609	-	6	17	R.GMINAVSFMVK.V	15
PHEAT-6355	proteomics_heat	3442610	3442633	-	6	3	E.REDTPAIR.G	12
PHEAT-6356	proteomics_heat	3442610	3442642	-	6	2	H.TVEREDTPAIR.G	15
PHEAT-6357	proteomics_heat	3442610	3442651	-	6	6	R.IGHTVEREDTPAIR.G	18
PHEAT-6358	proteomics_heat	3442655	3442681	-	6	6	K.ATLLGLGLR.R	13
PHEAT-6359	proteomics_heat	3442751	3442780	-	6	2	R.GKSVEEILGK.-	14
PHEAT-6360	proteomics_heat	3442781	3442837	-	6	3	R.ATIDGLENMNSPEMVAKR.G	23
PHEAT-6361	proteomics_heat	3442784	3442831	-	6	2	T.IDGLENMNSPEMVAK.R	20
PHEAT-6362	proteomics_heat	3442784	3442837	-	6	29	R.ATIDGLENMNSPEMVAK.R	22
PHEAT-6363	proteomics_heat	3442784	3442840	-	6	9	V.RATIDGLENMNSPEMVAK.R	23
PHEAT-6364	proteomics_heat	3442838	3442873	-	6	17	K.AYGSTNPINVVR.A	16
PHEAT-6365	proteomics_heat	3442874	3442909	-	6	3	V.LEVAGVHNVLAK.A	16
PHEAT-6366	proteomics_heat	3442874	3442915	-	6	37	R.AVLEVAGVHNVLAK.A	18
PHEAT-6367	proteomics_heat	3442916	3442960	-	6	4	Q.PASEGTGIIAGGAMR.A	19
PHEAT-6368	proteomics_heat	3442916	3442972	-	6	37	R.VFMQPASEGTGIIAGGAMR.A	23
PHEAT-6369	proteomics_heat	3442994	3443044	-	6	35	R.NMINVALNNGTLQHPVK.G	21
PHEAT-6370	proteomics_heat	3442994	3443047	-	6	6	R.RNMINVALNNGTLQHPVK.G	22
PHEAT-6371	proteomics_heat	3443006	3443047	-	6	3	R.RNMINVALNNGTLQ.H	18
PHEAT-6372	proteomics_heat	3443066	3443089	-	6	7	R.EVPAAIQK.A	12
PHEAT-6373	proteomics_heat	3443066	3443095	-	6	7	K.AREVPAAIQK.A	14
PHEAT-6374	proteomics_heat	3443117	3443164	-	6	88	R.IFSFTALTVVGDGNGR.V	20
PHEAT-6375	proteomics_heat	3443284	3443313	-	5	2	R.VQALADAARE.A	14
PHEAT-6376	proteomics_heat	3443287	3443313	-	5	18	R.VQALADAAR.E	13

PHEAT-6377	proteomics_heat	3443314	3443337	-	5	2	R.SGFQYHGR.V	12
PHEAT-6378	proteomics_heat	3443338	3443364	-	5	9	K.GIKDVSFDR.S	13
PHEAT-6379	proteomics_heat	3443392	3443415	-	5	9	K.DAAAAVGK.A	12
PHEAT-6380	proteomics_heat	3443392	3443430	-	5	15	K.YTGNKDAAAVGK.A	17
PHEAT-6381	proteomics_heat	3443452	3443505	-	5	2	Q.VIAPNGSEVLVAASTVEK.A	22
PHEAT-6382	proteomics_heat	3443452	3443520	-	5	122	R.HIYAQVIAPNGSEVLVAASTVEK.A	27
PHEAT-6383	proteomics_heat	3443545	3443568	-	5	4	K.LQELGATR.L	12
PHEAT-6384	proteomics_heat	3443545	3443571	-	5	12	R.KLQELGATR.L	13
PHEAT-6385	proteomics_heat	3443653	3443673	-	5	9	R.YADEVVR.T	11
PHEAT-6386	proteomics_heat	3443716	3443748	-	5	15	K.QVIGQVAADLR.A	15
PHEAT-6387	proteomics_heat	3443716	3443760	-	5	16	K.GADKQVIGQVAADLR.A	19
PHEAT-6388	proteomics_heat	3443761	3443811	-	5	3	L.PAGITAECPQTQTEIVLK.G	21
PHEAT-6389	proteomics_heat	3443761	3443835	-	5	6	F.SHPVDHQLPAGITAECPQTQTEIVLK.G	29
PHEAT-6390	proteomics_heat	3443761	3443838	-	5	2	G.FSHPVDHQLPAGITAECPQTQTEIVLK.G	30
PHEAT-6391	proteomics_heat	3443761	3443865	-	5	25	K.GNVINLSLGFSDHPVDHQLPAGITAECPQTQTEIVLK.G	39
PHEAT-6392	proteomics_heat	3443878	3443904	-	5	7	K.LQLVGVGYR.A	13
PHEAT-6393	proteomics_heat	3443878	3443907	-	5	6	K.KLQLVGVGYR.A	14
PHEAT-6394	proteomics_heat	3443905	3443955	-	5	14	R.ALLNSMVIGVTEGFTKK.L	21
PHEAT-6395	proteomics_heat	3443908	3443955	-	5	90	R.ALLNSMVIGVTEGFTK.K	20
PHEAT-6396	proteomics_heat	3443956	3443982	-	5	3	D.GWAQAGTAR.A	13
PHEAT-6397	proteomics_heat	3443956	3443997	-	5	53	R.DGYADGWAQAGTAR.A	18
PHEAT-6398	proteomics_heat	3443998	3444030	-	5	29	K.HADNTLTFGPR.D	15
PHEAT-6399	proteomics_heat	3444031	3444057	-	5	5	R.TLNDAVEVK.H	13
PHEAT-6400	proteomics_heat	3444082	3444108	-	5	5	K.INGQVITIK.G	13
PHEAT-6401	proteomics_heat	3444109	3444144	-	5	13	K.APVVVPAGVDVK.I	16
PHEAT-6402	proteomics_heat	3444244	3444276	-	5	2	A.GLGIAVVSTSK.G	15
PHEAT-6403	proteomics_heat	3444244	3444285	-	5	19	K.VMAGLGIAVVSTSK.G	18
PHEAT-6404	proteomics_heat	3444337	3444360	-	5	12	K.AVVESIQR.V	12
PHEAT-6405	proteomics_heat	3444376	3444417	-	5	4	K.VEGDTKPELELTLK.Y	18
PHEAT-6406	proteomics_heat	3444376	3444444	-	5	13	K.EEGFIEDFKVEGDTKPELELTLK.Y	27
PHEAT-6407	proteomics_heat	3444376	3444453	-	5	2	N.VLKEEGFIEDFKVEGDTKPELELTLK.Y	30
PHEAT-6408	proteomics_heat	3444376	3444468	-	5	359	K.VAIANVLKEEGFIEDFKVEGDTKPELELTLK.Y	35
PHEAT-6409	proteomics_heat	3444418	3444468	-	5	18	K.VAIANVLKEEGFIEDFK.V	21
PHEAT-6410	proteomics_heat	3444445	3444474	-	5	6	K.LKVAIANVLK.E	14
PHEAT-6411	proteomics_heat	3444475	3444501	-	5	4	K.AAVTMPSSK.L	13
PHEAT-6412	proteomics_heat	3444529	3444564	-	5	16	M.SMQDPIADMLTR.I	16
PHEAT-6413	proteomics_heat	3444766	3444822	-	5	82	K.AIISDVNASDEDRWNAVVK.L	23
PHEAT-6414	proteomics_heat	3444778	3444822	-	5	2	K.AIISDVNASDEDRWN.A	19
PHEAT-6415	proteomics_heat	3444784	3444822	-	5	7	K.AIISDVNASDEDR.W	17
PHEAT-6416	proteomics_heat	3444838	3444867	-	5	10	R.VALADKYFAK.R	14
PHEAT-6417	proteomics_heat	3444838	3444870	-	5	2	K.RVALADKYFAK.R	15
PHEAT-6418	proteomics_heat	3444924	3444959	-	4	7	R.ALLAAFDFPFRK.-	16
PHEAT-6419	proteomics_heat	3444927	3444950	-	4	2	L.AAFDFPFRK	12
PHEAT-6420	proteomics_heat	3444927	3444959	-	4	13	R.ALLAAFDFPFRK	15
PHEAT-6421	proteomics_heat	3444978	3445010	-	4	14	R.GLDITITTTAK.S	15
PHEAT-6422	proteomics_heat	3445017	3445061	-	4	12	R.EQIIFPEIDYDKVDR.V	19

PHEAT-6423	proteomics_heat	3445026	3445061	-	4	2	R.EQIIFPEIDYDK.V	16
PHEAT-6424	proteomics_heat	3445062	3445085	-	4	7	R.GNYSMGVR.E	12
PHEAT-6425	proteomics_heat	3445131	3445154	-	4	7	R.LITIAVPR.I	12
PHEAT-6426	proteomics_heat	3445155	3445175	-	4	8	R.MWEFFER.L	11
PHEAT-6427	proteomics_heat	3445197	3445220	-	4	2	R.QGYPIGCK.V	12
PHEAT-6428	proteomics_heat	3445227	3445247	-	4	2	R.KSVAGFK.I	11
PHEAT-6429	proteomics_heat	3445254	3445316	-	4	22	K.LLDNAAADLAAISGQKPLITK.A	25
PHEAT-6430	proteomics_heat	3445254	3445319	-	4	9	K.KLLDNAAADLAAISGQKPLITK.A	26
PHEAT-6431	proteomics_heat	3445269	3445316	-	4	4	K.LLDNAAADLAAISGQK.P	20
PHEAT-6432	proteomics_heat	3445269	3445319	-	4	3	K.KLLDNAAADLAAISGQK.P	21
PHEAT-6433	proteomics_heat	3445317	3445349	-	4	2	N.MGVGEAIADKK.L	15
PHEAT-6434	proteomics_heat	3445317	3445361	-	4	35	K.ITLNMGVGEAIADKK.L	19
PHEAT-6435	proteomics_heat	3445320	3445364	-	4	3	E.KITLNMGVGEAIADK.K	19
PHEAT-6436	proteomics_heat	3445371	3445415	-	4	46	K.LMTEFNYSVMQVPR.V	19
PHEAT-6437	proteomics_heat	3445371	3445418	-	4	28	K.KLMTEFNYSVMQVPR.V	20
PHEAT-6438	proteomics_heat	3445380	3445418	-	4	3	K.KLMTEFNYSVMQ.V	17
PHEAT-6439	proteomics_heat	3445416	3445451	-	4	7	K.LHDYKDEVVK.L	16
PHEAT-6440	proteomics_heat	3445419	3445451	-	4	27	K.LHDYKDEVVK.K	15
PHEAT-6441	proteomics_heat	3445419	3445457	-	4	2	M.AKLHDYKDEVVK.K	17
PHEAT-6442	proteomics_heat	3445434	3445451	-	4	3	K.LHDYK.D	10
PHEAT-6443	proteomics_heat	3445517	3445543	-	6	2	R.VGFRFEDGK.K	13
PHEAT-6444	proteomics_heat	3445553	3445606	-	6	197	K.EAAIQVSNVAIFNAATGK.A	22
PHEAT-6445	proteomics_heat	3445607	3445657	-	6	4	K.HQKVPALNQPGGIVEK.E	21
PHEAT-6446	proteomics_heat	3445658	3445690	-	6	4	K.VIVEGINLVKK.H	15
PHEAT-6447	proteomics_heat	3445661	3445690	-	6	17	K.VIVEGINLVK.K	14
PHEAT-6448	proteomics_heat	3445661	3445693	-	6	7	G.KVIVEGINLVK.K	15
PHEAT-6449	proteomics_heat	3445691	3445711	-	6	3	K.NVLSSGK.V	11
PHEAT-6450	proteomics_heat	3445691	3445717	-	6	3	K.VKNVLSSGK.V	13
PHEAT-6451	proteomics_heat	3445733	3445771	-	6	4	R.RDDEVIVLTGKDK.G	17
PHEAT-6452	proteomics_heat	3445733	3445777	-	6	2	K.IRRDDEVIVLTGKDK.G	19
PHEAT-6453	proteomics_heat	3445739	3445768	-	6	13	R.DDEVIVLTGK.D	14
PHEAT-6454	proteomics_heat	3445739	3445771	-	6	9	R.RDDEVIVLTGK.D	15
PHEAT-6455	proteomics_heat	3445739	3445777	-	6	36	K.IRRDDEVIVLTGK.D	17
PHEAT-6456	proteomics_heat	3445878	3445919	-	4	3	C.VLLNNNSEQPIGTR.I	18
PHEAT-6457	proteomics_heat	3445878	3445937	-	4	13	R.FDGNACVLLNNNSEQPIGTR.I	24
PHEAT-6458	proteomics_heat	3445938	3445961	-	4	6	R.RPDGSVIR.F	12
PHEAT-6459	proteomics_heat	3446052	3446078	-	4	8	R.YAGVGDIIK.I	13
PHEAT-6460	proteomics_heat	3446052	3446081	-	4	8	R.RYAGVGDIIK.I	14
PHEAT-6461	proteomics_heat	3446121	3446168	-	4	3	M.IQEQTMLNVADNSGAR.R	20
PHEAT-6462	proteomics_heat	3446121	3446171	-	4	48	K.MIQEQTMLNVADNSGAR.R	21
PHEAT-6463	proteomics_heat	3446405	3446455	-	6	2	H.VHDENNECGIGDVVEIR.E	21
PHEAT-6464	proteomics_heat	3446405	3446461	-	6	67	K.LHVHDENNECGIGDVVEIR.E	23
PHEAT-6465	proteomics_heat	3446483	3446500	-	6	2	K.HPIYGK.F	10
PHEAT-6466	proteomics_heat	3446510	3446533	-	6	17	K.SIVVAIER.F	12
PHEAT-6467	proteomics_heat	3446534	3446557	-	6	10	R.VVSDKMEK.S	12
PHEAT-6468	proteomics_heat	3446650	3446694	-	5	43	R.MQAASGQLQQSHLLK.Q	19

PHEAT-6469	proteomics_heat	3446659	3446694	-	5	5	R.MQAASGQLQQSH.L	16
PHEAT-6470	proteomics_heat	3446713	3446754	-	5	37	K.SVEELNTELLNLLR.E	18
PHEAT-6471	proteomics_heat	3446713	3446760	-	5	30	R.EKSVEELNTELLNLLR.E	20
PHEAT-6472	proteomics_heat	3446850	3446891	-	4	14	K.VLYEMDGVPEELAR.E	18
PHEAT-6473	proteomics_heat	3446892	3446933	-	4	22	K.GNVEYWVALIQPGK.V	18
PHEAT-6474	proteomics_heat	3446892	3446939	-	4	64	K.GKGNVEYWVALIQPGK.V	20
PHEAT-6475	proteomics_heat	3446949	3446993	-	4	2	R.VFPDKPITEKPLAVR.M	19
PHEAT-6476	proteomics_heat	3447090	3447137	-	4	30	R.GLAQGTDVSFSGFGLK.A	20
PHEAT-6477	proteomics_heat	3447231	3447272	-	4	2	M.AAVEQPEKPAAQPK.K	18
PHEAT-6478	proteomics_heat	3447231	3447293	-	4	24	K.GEILGGMAAVEQPEKPAAQPK.K	25
PHEAT-6479	proteomics_heat	3447231	3447308	-	4	12	K.VWIFKGEILGGMAAVEQPEKPAAQPK.K	30
PHEAT-6480	proteomics_heat	3447309	3447368	-	4	92	R.ADIDYNTSEAHTTYGVIGV.K.V	24
PHEAT-6481	proteomics_heat	3447327	3447368	-	4	2	R.ADIDYNTSEAHTTY.G	18
PHEAT-6482	proteomics_heat	3447336	3447368	-	4	4	R.ADIDYNTSEAH.T	15
PHEAT-6483	proteomics_heat	3447414	3447437	-	4	2	R.LGGAEIAR.T	12
PHEAT-6484	proteomics_heat	3447438	3447464	-	4	7	K.GIKVEVSGR.L	13
PHEAT-6485	proteomics_heat	3447477	3447500	-	4	4	K.RAVQNAMR.L	12
PHEAT-6486	proteomics_heat	3447528	3447563	-	4	12	K.LVADSITSQLER.R	16
PHEAT-6487	proteomics_heat	3447564	3447584	-	4	7	R.KPELDAK.L	11
PHEAT-6488	proteomics_heat	3447582	3447638	-	4	5	K.VVADIAGVPAQINIAEVRK.P	23
PHEAT-6489	proteomics_heat	3447585	3447638	-	4	14	K.VVADIAGVPAQINIAEVR.K	22
PHEAT-6490	proteomics_heat	3447585	3447641	-	4	26	R.KVVADIAGVPAQINIAEVR.K	23
PHEAT-6491	proteomics_heat	3447669	3447710	-	4	10	R.VTIHTARPGIVIGK.K	18
PHEAT-6492	proteomics_heat	3447720	3447743	-	4	3	R.IVIERPAK.S	12
PHEAT-6493	proteomics_heat	3447792	3447824	-	4	14	K.EFADNLDSDFK.V	15
PHEAT-6494	proteomics_heat	3447825	3447872	-	4	19	R.LGIVKPWNSTWFANTK.E	20
PHEAT-6495	proteomics_heat	3447831	3447872	-	4	4	R.LGIVKPWNSTWFAN.T	18
PHEAT-6496	proteomics_heat	3447834	3447872	-	4	2	R.LGIVKPWNSTWFA.N	17
PHEAT-6497	proteomics_heat	3447837	3447872	-	4	6	R.LGIVKPWNSTWFA	16
PHEAT-6498	proteomics_heat	3447840	3447872	-	4	2	R.LGIVKPWNSTW.F	15
PHEAT-6499	proteomics_heat	3447846	3447872	-	4	5	R.LGIVKPWNS.T	13
PHEAT-6500	proteomics_heat	3447849	3447872	-	4	2	R.LGIVKPWN.S	12
PHEAT-6501	proteomics_heat	3447926	3447958	-	6	41	R.TSHITVVVSDR.-	15
PHEAT-6502	proteomics_heat	3448004	3448036	-	6	2	K.IFVDEGPSMKR.I	15
PHEAT-6503	proteomics_heat	3448007	3448036	-	6	10	K.IFVDEGPSMKR	14
PHEAT-6504	proteomics_heat	3448037	3448108	-	6	17	K.VLESIAIANAEHNDGADIDDLKVTK.I	28
PHEAT-6505	proteomics_heat	3448037	3448111	-	6	24	K.KVLESIAIANAEHNDGADIDDLKVTK.I	29
PHEAT-6506	proteomics_heat	3448046	3448108	-	6	8	K.VLESIAIANAEHNDGADIDDLK.V	25
PHEAT-6507	proteomics_heat	3448046	3448111	-	6	17	K.KVLESIAIANAEHNDGADIDDLK.V	26
PHEAT-6508	proteomics_heat	3448130	3448171	-	6	20	K.VSQALDILTYTNKK.A	18
PHEAT-6509	proteomics_heat	3448130	3448174	-	6	9	K.KVSQALDILTYTNKK.A	19
PHEAT-6510	proteomics_heat	3448133	3448171	-	6	7	K.VSQALDILTYTNK.K	17
PHEAT-6511	proteomics_heat	3448133	3448174	-	6	47	K.KVSQALDILTYTNK.K	18
PHEAT-6512	proteomics_heat	3448315	3448338	-	5	3	K.LGEFAPTR.T	12
PHEAT-6513	proteomics_heat	3448339	3448383	-	5	13	R.QHVPVFTDEMVGHK.L	19
PHEAT-6514	proteomics_heat	3448384	3448419	-	5	12	N.MIGLTIAVHNGR.Q	16

PHEAT-6515	proteomics_heat	3448384	3448437	-	5	41	R.STIFPNMIGLTIAVHNGR.Q	22
PHEAT-6516	proteomics_heat	3448384	3448440	-	5	9	R.RSTIFPNMIGLTIAVHNGR.Q	23
PHEAT-6517	proteomics_heat	3448390	3448440	-	5	5	R.RSTIFPNMIGLTIAVHN.G	21
PHEAT-6518	proteomics_heat	3448393	3448440	-	5	2	R.RSTIFPNMIGLTIAVH.N	20
PHEAT-6519	proteomics_heat	3448399	3448440	-	5	2	R.RSTIFPNMIGLTIA.V	18
PHEAT-6520	proteomics_heat	3448453	3448485	-	5	8	K.AVESGDKKPLR.T	15
PHEAT-6521	proteomics_heat	3448498	3448527	-	5	7	K.GPFIDLHLLK.K	14
PHEAT-6522	proteomics_heat	3448498	3448530	-	5	9	K.KGPFIDLHLLK.K	15
PHEAT-6523	proteomics_heat	3448580	3448600	-	6	3	R.TDKFIVR.R	11
PHEAT-6524	proteomics_heat	3448628	3448660	-	6	7	K.HPVPWGVQTK.G	15
PHEAT-6525	proteomics_heat	3448673	3448708	-	6	2	N.PVDHPHGGGEGR.N	16
PHEAT-6526	proteomics_heat	3448673	3448723	-	6	21	R.GTAMNPVDHPHGGGEGR.N	21
PHEAT-6527	proteomics_heat	3448778	3448819	-	6	15	R.ATLGEVGNAEHMLR.V	18
PHEAT-6528	proteomics_heat	3448787	3448819	-	6	2	R.ATLGEVGNAEH.M	15
PHEAT-6529	proteomics_heat	3448862	3448885	-	6	26	R.DGAYVTLR.L	12
PHEAT-6530	proteomics_heat	3448886	3448918	-	6	16	R.SAGTYVQIVAR.D	15
PHEAT-6531	proteomics_heat	3448937	3448981	-	6	2	I.PVGSTVHNVEMKPGK.G	19
PHEAT-6532	proteomics_heat	3448937	3448987	-	6	6	R.NIPVGSTVHNVEMKPGK.G	21
PHEAT-6533	proteomics_heat	3448946	3448987	-	6	2	R.NIPVGSTVHNVEMK.P	18
PHEAT-6534	proteomics_heat	3448988	3449053	-	6	14	K.AGDQIQSGVDAAIKPGNTLPMR.N	26
PHEAT-6535	proteomics_heat	3449003	3449053	-	6	4	K.AGDQIQSGVDAAIKPGN.T	21
PHEAT-6536	proteomics_heat	3449096	3449125	-	6	10	R.SANIALVLYK.D	14
PHEAT-6537	proteomics_heat	3449147	3449173	-	6	8	K.DGIPAVVER.L	13
PHEAT-6538	proteomics_heat	3449147	3449179	-	6	16	R.NKDGIPAVVER.L	15
PHEAT-6539	proteomics_heat	3449279	3449308	-	6	3	K.GKPFAPLLEK.N	14
PHEAT-6540	proteomics_heat	3449282	3449308	-	6	3	K.GKPFAPLLE.K	13
PHEAT-6541	proteomics_heat	3449285	3449308	-	6	2	K.GKPFAPLLE.E	12
PHEAT-6542	proteomics_heat	3449309	3449332	-	6	4	K.VVNPELHK.G	12
PHEAT-6543	proteomics_heat	3449515	3449559	-	5	1213	K.LFEVEVEVVNTLVVK.G	19
PHEAT-6544	proteomics_heat	3449727	3449753	-	4	4	K.VVMTADAVK.Q	13
PHEAT-6545	proteomics_heat	3449727	3449762	-	4	6	A.FDKVVMTADAVK.Q	16
PHEAT-6546	proteomics_heat	3449727	3449798	-	4	5	R.DATGIDPVSLIAFDKVVMTADAVK.Q	28
PHEAT-6547	proteomics_heat	3449748	3449798	-	4	11	R.DATGIDPVSLIAFDKVV.M	21
PHEAT-6548	proteomics_heat	3449754	3449780	-	4	3	D.PVSLIAFDK.V	13
PHEAT-6549	proteomics_heat	3449754	3449798	-	4	17	R.DATGIDPVSLIAFDK.V	19
PHEAT-6550	proteomics_heat	3449823	3449897	-	4	33	K.LKDMALEDVLIITGELDENLFLAAR.N	29
PHEAT-6551	proteomics_heat	3449919	3449939	-	4	3	K.FSVEAPK.T	11
PHEAT-6552	proteomics_heat	3449967	3449990	-	4	4	K.SILSELVR.Q	12
PHEAT-6553	proteomics_heat	3450024	3450071	-	4	7	R.SGGVTFAARPDHSQK.V	20
PHEAT-6554	proteomics_heat	3450030	3450071	-	4	3	R.SGGVTFAARPDHS.Q	18
PHEAT-6555	proteomics_heat	3450045	3450071	-	4	6	R.SGGVTFAAR.P	13
PHEAT-6556	proteomics_heat	3450189	3450245	-	4	138	R.DFNEALVHQVVVYAAAGAR.Q	23
PHEAT-6557	proteomics_heat	3450204	3450245	-	4	6	R.DFNEALVHQVVVY.A	18
PHEAT-6558	proteomics_heat	3450222	3450245	-	4	2	R.DFNEALVH.Q	12
PHEAT-6559	proteomics_heat	3450246	3450290	-	4	37	K.DAQSALTVSETTFGR.D	19
PHEAT-6560	proteomics_heat	3450322	3450378	-	5	13	K.GAVPGATGSDLIVKPAVKA.-	23

PHEAT-6561	proteomics_heat	3450325	3450369	-	5	9	V.PGATGSDLIVKPAVK.A	19
PHEAT-6562	proteomics_heat	3450325	3450378	-	5	29	K.GAVPGATGSDLIVKPAVK.A	22
PHEAT-6563	proteomics_heat	3450412	3450441	-	5	9	R.VTVQSLDVVR.V	14
PHEAT-6564	proteomics_heat	3450442	3450468	-	5	4	K.MAGQMGNER.V	13
PHEAT-6565	proteomics_heat	3450526	3450564	-	5	15	R.TQDATHGNSLSHR.V	17
PHEAT-6566	proteomics_heat	3450607	3450633	-	5	37	K.KVDVTGTSK.G	13
PHEAT-6567	proteomics_heat	3450634	3450699	-	5	268	R.LAEGEFTVGQSIISVELFADVK.K	26
PHEAT-6568	proteomics_heat	3450739	3450771	-	5	5	R.VTKPEAGHFAK.A	15
PHEAT-6569	proteomics_heat	3450745	3450771	-	5	3	R.VTKPEAGHFA	13
PHEAT-6570	proteomics_heat	3450784	3450810	-	5	13	R.AIQVTTGAK.K	13
PHEAT-6571	proteomics_heat	3450811	3450834	-	5	16	K.DLANDGYR.A	12
PHEAT-6572	proteomics_heat	3450850	3450909	-	5	67	R.IFTEDGVSIPVTVIEVEANR.V	24
PHEAT-6573	proteomics_heat	3450928	3450948	-	5	4	T.MIGLVGK.K	11
PHEAT-6574	proteomics_heat	3451047	3451076	-	4	15	R.LVDIVPETEK.T	14
PHEAT-6575	proteomics_heat	3451089	3451106	-	4	2	R.DQYEIR.T	10
PHEAT-6576	proteomics_heat	3451107	3451148	-	4	2	R.FTVLISPHVNKDAR.D	18
PHEAT-6577	proteomics_heat	3451116	3451148	-	4	25	R.FTVLISPHVNK.D	15
PHEAT-6578	proteomics_heat	3451116	3451154	-	4	2	K.ERFTVLISPHVNK.D	17
PHEAT-6579	proteomics_heat	3451119	3451148	-	4	4	R.FTVLISPHVN.K	14
PHEAT-6580	proteomics_heat	3451200	3451244	-	4	25	R.LIDQATAEIVETAKR.T	19
PHEAT-6581	proteomics_heat	3451200	3451247	-	4	2	H.RLIDQATAEIVETAKR.T	20
PHEAT-6582	proteomics_heat	3451203	3451241	-	4	4	L.IDQATAEIVETAK.R	17
PHEAT-6583	proteomics_heat	3451203	3451244	-	4	33	R.LIDQATAEIVETAK.R	18
PHEAT-6584	proteomics_heat	3451203	3451247	-	4	35	H.RLIDQATAEIVETAK.R	19
PHEAT-6585	proteomics_heat	3464397	3464441	-	4	4	R.EAIGYADSVHDYVSR.D	19
PHEAT-6586	proteomics_heat	3464484	3464519	-	4	2	K.LNIGEDVEEMLR.S	16
PHEAT-6587	proteomics_heat	3464520	3464564	-	4	5	R.ILFLEGLPNLQDLGK.L	19
PHEAT-6588	proteomics_heat	3464577	3464630	-	4	3	R.LNDVEYHESIDEMKHADR.Y	22
PHEAT-6589	proteomics_heat	3464589	3464630	-	4	2	R.LNDVEYHESIDEMK.H	18
PHEAT-6590	proteomics_heat	3464589	3464633	-	4	3	K.RLNDVEYHESIDEMK.H	19
PHEAT-6591	proteomics_heat	3464658	3464708	-	4	13	K.LLGNELVAINQYFLHAR.M	21
PHEAT-6592	proteomics_heat	3468230	3468262	-	6	2	L.IHPIAMDDGLR.F	15
PHEAT-6593	proteomics_heat	3468230	3468262	-	6	2	L.IHPIAMDDGLR.F	15
PHEAT-6594	proteomics_heat	3468230	3468265	-	6	4	T.LIHPIAMDDGLR.F	16
PHEAT-6595	proteomics_heat	3468230	3468265	-	6	4	T.LIHPIAMDDGLR.F	16
PHEAT-6596	proteomics_heat	3468230	3468268	-	6	4	V.TLIHPIAMDDGLR.F	17
PHEAT-6597	proteomics_heat	3468230	3468268	-	6	4	V.TLIHPIAMDDGLR.F	17
PHEAT-6598	proteomics_heat	3468230	3468277	-	6	182	K.MVVTLIHPIAMDDGLR.F	20
PHEAT-6599	proteomics_heat	3468230	3468277	-	6	182	K.MVVTLIHPIAMDDGLR.F	20
PHEAT-6600	proteomics_heat	3468230	3468280	-	6	4	I.KMVVTLIHPIAMDDGLR.F	21
PHEAT-6601	proteomics_heat	3468230	3468280	-	6	4	I.KMVVTLIHPIAMDDGLR.F	21
PHEAT-6602	proteomics_heat	3468242	3468277	-	6	2	K.MVVTLIHPIAMD.D	16
PHEAT-6603	proteomics_heat	3468242	3468277	-	6	2	K.MVVTLIHPIAMD.D	16
PHEAT-6604	proteomics_heat	3468245	3468277	-	6	15	K.MVVTLIHPIAM.D	15
PHEAT-6605	proteomics_heat	3468245	3468277	-	6	15	K.MVVTLIHPIAM.D	15
PHEAT-6606	proteomics_heat	3468248	3468277	-	6	3	K.MVVTLIHPIA.M	14



PHEAT-6607	proteomics_heat	3468248	3468277	-	6	3	K.MVVTLIHPIA.M	14
PHEAT-6608	proteomics_heat	3468278	3468319	-	6	4	L.PEGVEMVMPGDNIK.M	18
PHEAT-6609	proteomics_heat	3468278	3468319	-	6	4	L.PEGVEMVMPGDNIK.M	18
PHEAT-6610	proteomics_heat	3468278	3468343	-	6	3	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PHEAT-6611	proteomics_heat	3468278	3468343	-	6	3	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PHEAT-6612	proteomics_heat	3468278	3468349	-	6	109	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PHEAT-6613	proteomics_heat	3468278	3468349	-	6	109	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PHEAT-6614	proteomics_heat	3468350	3468370	-	6	2	Y.RPQFYFR.T	11
PHEAT-6615	proteomics_heat	3468350	3468370	-	6	2	Y.RPQFYFR.T	11
PHEAT-6616	proteomics_heat	3468350	3468376	-	6	8	K.GYRPQFYFR.T	13
PHEAT-6617	proteomics_heat	3468350	3468376	-	6	8	K.GYRPQFYFR.T	13
PHEAT-6618	proteomics_heat	3468395	3468421	-	6	3	Y.ILSKDEGGR.H	13
PHEAT-6619	proteomics_heat	3468395	3468421	-	6	3	Y.ILSKDEGGR.H	13
PHEAT-6620	proteomics_heat	3468395	3468439	-	6	58	K.FESEVYILSKDEGGR.H	19
PHEAT-6621	proteomics_heat	3468395	3468439	-	6	58	K.FESEVYILSKDEGGR.H	19
PHEAT-6622	proteomics_heat	3468395	3468445	-	6	10	H.TKFESEVYILSKDEGGR.H	21
PHEAT-6623	proteomics_heat	3468395	3468445	-	6	10	H.TKFESEVYILSKDEGGR.H	21
PHEAT-6624	proteomics_heat	3468410	3468439	-	6	151	K.FESEVYILSK.D	14
PHEAT-6625	proteomics_heat	3468410	3468439	-	6	151	K.FESEVYILSK.D	14
PHEAT-6626	proteomics_heat	3468410	3468445	-	6	29	H.TKFESEVYILSK.D	16
PHEAT-6627	proteomics_heat	3468410	3468445	-	6	29	H.TKFESEVYILSK.D	16
PHEAT-6628	proteomics_heat	3468446	3468484	-	6	7	R.GQVLAKPGTIKPH.T	17
PHEAT-6629	proteomics_heat	3468446	3468484	-	6	7	R.GQVLAKPGTIKPH.T	17
PHEAT-6630	proteomics_heat	3468452	3468484	-	6	5	R.GQVLAKPGTIK.P	15
PHEAT-6631	proteomics_heat	3468452	3468484	-	6	5	R.GQVLAKPGTIK.P	15
PHEAT-6632	proteomics_heat	3468512	3468541	-	6	73	R.AGENVGVLLR.G	14
PHEAT-6633	proteomics_heat	3468512	3468541	-	6	73	R.AGENVGVLLR.G	14
PHEAT-6634	proteomics_heat	3468512	3468544	-	6	3	G.RAGENVGVLLR.G	15
PHEAT-6635	proteomics_heat	3468512	3468544	-	6	3	G.RAGENVGVLLR.G	15
PHEAT-6636	proteomics_heat	3468542	3468562	-	6	7	R.KLLDEGR.A	11
PHEAT-6637	proteomics_heat	3468542	3468562	-	6	7	R.KLLDEGR.A	11
PHEAT-6638	proteomics_heat	3468560	3468592	-	6	12	K.STCTGVEMFRK.L	15
PHEAT-6639	proteomics_heat	3468560	3468592	-	6	12	K.STCTGVEMFRK.L	15
PHEAT-6640	proteomics_heat	3468563	3468592	-	6	29	K.STCTGVEMFR.K	14
PHEAT-6641	proteomics_heat	3468563	3468592	-	6	29	K.STCTGVEMFR.K	14
PHEAT-6642	proteomics_heat	3468563	3468595	-	6	18	Q.KSTCTGVEMFR.K	15
PHEAT-6643	proteomics_heat	3468563	3468595	-	6	18	Q.KSTCTGVEMFR.K	15
PHEAT-6644	proteomics_heat	3468593	3468637	-	6	47	K.VGEEVEIVGIKETQK.S	19
PHEAT-6645	proteomics_heat	3468593	3468637	-	6	47	K.VGEEVEIVGIKETQK.S	19
PHEAT-6646	proteomics_heat	3468605	3468637	-	6	96	K.VGEEVEIVGIK.E	15
PHEAT-6647	proteomics_heat	3468605	3468637	-	6	96	K.VGEEVEIVGIK.E	15
PHEAT-6648	proteomics_heat	3468680	3468718	-	6	3	F.LLPIEDVFSISGR.G	17
PHEAT-6649	proteomics_heat	3468680	3468718	-	6	3	F.LLPIEDVFSISGR.G	17
PHEAT-6650	proteomics_heat	3468680	3468724	-	6	16	K.PFLLPIEDVFSISGR.G	19
PHEAT-6651	proteomics_heat	3468680	3468724	-	6	16	K.PFLLPIEDVFSISGR.G	19
PHEAT-6652	proteomics_heat	3468680	3468727	-	6	3	D.KPFLPIEDVFSISGR.G	20

PHEAT-6653	proteomics_heat	3468680	3468727	-	6	3	D.KPFLPIEDVFSISGR.G	20
PHEAT-6654	proteomics_heat	3468680	3468736	-	6	267	R.AIDKPFLPIEDVFSISGR.G	23
PHEAT-6655	proteomics_heat	3468680	3468736	-	6	267	R.AIDKPFLPIEDVFSISGR.G	23
PHEAT-6656	proteomics_heat	3468680	3468739	-	6	4	E.RAIDKPFLPIEDVFSISGR.G	24
PHEAT-6657	proteomics_heat	3468680	3468739	-	6	4	E.RAIDKPFLPIEDVFSISGR.G	24
PHEAT-6658	proteomics_heat	3468737	3468772	-	6	3	A.GFLDSYIPEPER.A	16
PHEAT-6659	proteomics_heat	3468737	3468772	-	6	3	A.GFLDSYIPEPER.A	16
PHEAT-6660	proteomics_heat	3468737	3468775	-	6	3	L.AGFLDSYIPEPER.A	17
PHEAT-6661	proteomics_heat	3468737	3468775	-	6	3	L.AGFLDSYIPEPER.A	17
PHEAT-6662	proteomics_heat	3468737	3468778	-	6	2	E.LAGFLDSYIPEPER.A	18
PHEAT-6663	proteomics_heat	3468737	3468778	-	6	2	E.LAGFLDSYIPEPER.A	18
PHEAT-6664	proteomics_heat	3468737	3468787	-	6	745	K.ILELAGFLDSYIPEPER.A	21
PHEAT-6665	proteomics_heat	3468737	3468787	-	6	745	K.ILELAGFLDSYIPEPER.A	21
PHEAT-6666	proteomics_heat	3468737	3468790	-	6	5	A.KILELAGFLDSYIPEPER.A	22
PHEAT-6667	proteomics_heat	3468737	3468790	-	6	5	A.KILELAGFLDSYIPEPER.A	22
PHEAT-6668	proteomics_heat	3468788	3468820	-	6	35	K.ALEGDAEWEAK.I	15
PHEAT-6669	proteomics_heat	3468788	3468820	-	6	35	K.ALEGDAEWEAK.I	15
PHEAT-6670	proteomics_heat	3468788	3468835	-	6	2	R.GSALKALEGDAEWEAK.I	20
PHEAT-6671	proteomics_heat	3468788	3468835	-	6	2	R.GSALKALEGDAEWEAK.I	20
PHEAT-6672	proteomics_heat	3468836	3468862	-	6	3	F.PGDDTPIVR.G	13
PHEAT-6673	proteomics_heat	3468836	3468862	-	6	3	F.PGDDTPIVR.G	13
PHEAT-6674	proteomics_heat	3468836	3468868	-	6	2	Y.DFPGDDTPIVR.G	15
PHEAT-6675	proteomics_heat	3468836	3468868	-	6	2	Y.DFPGDDTPIVR.G	15
PHEAT-6676	proteomics_heat	3468836	3468886	-	6	184	R.ELLSQYDFPGDDTPIVR.G	21
PHEAT-6677	proteomics_heat	3468836	3468886	-	6	184	R.ELLSQYDFPGDDTPIVR.G	21
PHEAT-6678	proteomics_heat	3468836	3468910	-	6	2	L.ELVEMEVRELLSQYDFPGDDTPIVR.G	29
PHEAT-6679	proteomics_heat	3468836	3468910	-	6	2	L.ELVEMEVRELLSQYDFPGDDTPIVR.G	29
PHEAT-6680	proteomics_heat	3468887	3468940	-	6	27	K.CDMVDDEELLELVEMEV.R	22
PHEAT-6681	proteomics_heat	3468887	3468940	-	6	27	K.CDMVDDEELLELVEMEV.R	22
PHEAT-6682	proteomics_heat	3468941	3468979	-	6	111	R.QVGVPIIVFLNK.C	17
PHEAT-6683	proteomics_heat	3468941	3468979	-	6	111	R.QVGVPIIVFLNK.C	17
PHEAT-6684	proteomics_heat	3468941	3468982	-	6	7	G.RQVGVPIIVFLNK.C	18
PHEAT-6685	proteomics_heat	3468941	3468982	-	6	7	G.RQVGVPIIVFLNK.C	18
PHEAT-6686	proteomics_heat	3468980	3469000	-	6	22	R.EHILLGR.Q	11
PHEAT-6687	proteomics_heat	3468980	3469000	-	6	22	R.EHILLGR.Q	11
PHEAT-6688	proteomics_heat	3469001	3469081	-	6	2045	K.NMITGAAQMDGAILVVAATDGPMPQTR.E	31
PHEAT-6689	proteomics_heat	3469001	3469081	-	6	2045	K.NMITGAAQMDGAILVVAATDGPMPQTR.E	31
PHEAT-6690	proteomics_heat	3469082	3469105	-	6	2	C.PGHADYVK.N	12
PHEAT-6691	proteomics_heat	3469082	3469105	-	6	2	C.PGHADYVK.N	12
PHEAT-6692	proteomics_heat	3469082	3469114	-	6	2	H.VDCPGHADYVK.N	15
PHEAT-6693	proteomics_heat	3469082	3469114	-	6	2	H.VDCPGHADYVK.N	15
PHEAT-6694	proteomics_heat	3469082	3469120	-	6	2	Y.AHVDCPGHADYVK.N	17
PHEAT-6695	proteomics_heat	3469082	3469120	-	6	2	Y.AHVDCPGHADYVK.N	17
PHEAT-6696	proteomics_heat	3469082	3469123	-	6	4	H.YAHVDCPGHADYVK.N	18
PHEAT-6697	proteomics_heat	3469082	3469123	-	6	4	H.YAHVDCPGHADYVK.N	18
PHEAT-6698	proteomics_heat	3469082	3469126	-	6	23	R.HYAHVDCPGHADYVK.N	19

PHEAT-6699	proteomics_heat	3469082	3469126	-	6	23	R.HYAHVDCPGHADYVK.N	19
PHEAT-6700	proteomics_heat	3469091	3469126	-	6	2	R.HYAHVDCPGHAD.Y	16
PHEAT-6701	proteomics_heat	3469091	3469126	-	6	2	R.HYAHVDCPGHAD.Y	16
PHEAT-6702	proteomics_heat	3469124	3469174	-	6	4	R.GITINTSHVEYDTPTRH.Y	21
PHEAT-6703	proteomics_heat	3469124	3469174	-	6	4	R.GITINTSHVEYDTPTRH.Y	21
PHEAT-6704	proteomics_heat	3469127	3469159	-	6	9	N.TSHVEYDTPTR.H	15
PHEAT-6705	proteomics_heat	3469127	3469159	-	6	9	N.TSHVEYDTPTR.H	15
PHEAT-6706	proteomics_heat	3469127	3469162	-	6	3	I.NTSHVEYDTPTR.H	16
PHEAT-6707	proteomics_heat	3469127	3469162	-	6	3	I.NTSHVEYDTPTR.H	16
PHEAT-6708	proteomics_heat	3469127	3469168	-	6	3	I.TINTSHVEYDTPTR.H	18
PHEAT-6709	proteomics_heat	3469127	3469168	-	6	3	I.TINTSHVEYDTPTR.H	18
PHEAT-6710	proteomics_heat	3469127	3469174	-	6	112	R.GITINTSHVEYDTPTR.H	20
PHEAT-6711	proteomics_heat	3469127	3469174	-	6	112	R.GITINTSHVEYDTPTR.H	20
PHEAT-6712	proteomics_heat	3469127	3469177	-	6	2	A.RGITINTSHVEYDTPTR.H	21
PHEAT-6713	proteomics_heat	3469127	3469177	-	6	2	A.RGITINTSHVEYDTPTR.H	21
PHEAT-6714	proteomics_heat	3469139	3469174	-	6	2	R.GITINTSHVEYD.T	16
PHEAT-6715	proteomics_heat	3469139	3469174	-	6	2	R.GITINTSHVEYD.T	16
PHEAT-6716	proteomics_heat	3469172	3469216	-	6	3	R.AFDQIDNAPEEKARG.I	19
PHEAT-6717	proteomics_heat	3469172	3469216	-	6	3	R.AFDQIDNAPEEKARG.I	19
PHEAT-6718	proteomics_heat	3469181	3469210	-	6	2	F.DQIDNAPEEK.A	14
PHEAT-6719	proteomics_heat	3469181	3469210	-	6	2	F.DQIDNAPEEK.A	14
PHEAT-6720	proteomics_heat	3469181	3469216	-	6	22	R.AFDQIDNAPEEK.A	16
PHEAT-6721	proteomics_heat	3469181	3469216	-	6	22	R.AFDQIDNAPEEK.A	16
PHEAT-6722	proteomics_heat	3469238	3469276	-	6	243	K.TTLTAAITTVLAK.T	17
PHEAT-6723	proteomics_heat	3469238	3469276	-	6	243	K.TTLTAAITTVLAK.T	17
PHEAT-6724	proteomics_heat	3469277	3469309	-	6	2	N.VGTIGHVDHGK.T	15
PHEAT-6725	proteomics_heat	3469277	3469309	-	6	2	N.VGTIGHVDHGK.T	15
PHEAT-6726	proteomics_heat	3469431	3469478	-	4	22	K.YDEAPSNVAQAVIEAR.G	20
PHEAT-6727	proteomics_heat	3469431	3469505	-	4	33	R.ASYTMEFLKYDEAPSNVAQAVIEAR.G	29
PHEAT-6728	proteomics_heat	3469431	3469511	-	4	2	K.GRASYTMEFLKYDEAPSNVAQAVIEAR.G	31
PHEAT-6729	proteomics_heat	3469479	3469505	-	4	3	R.ASYTMEFLK.Y	13
PHEAT-6730	proteomics_heat	3469524	3469562	-	4	3	V.PLSEMFGYATQLR.S	17
PHEAT-6731	proteomics_heat	3469524	3469571	-	4	2	H.AEVPLSEMFGYATQLR.S	20
PHEAT-6732	proteomics_heat	3469524	3469577	-	4	75	K.IHAEVPLSEMFGYATQLR.S	22
PHEAT-6733	proteomics_heat	3469578	3469607	-	4	4	K.GQESEVTGVK.I	14
PHEAT-6734	proteomics_heat	3469578	3469619	-	4	6	R.GMLKGQESEVTGVK.I	18
PHEAT-6735	proteomics_heat	3469626	3469667	-	4	2	T.PEENTGDVIGDLSR.R	18
PHEAT-6736	proteomics_heat	3469626	3469676	-	4	2	E.VETPEENTGDVIGDLSR.R	21
PHEAT-6737	proteomics_heat	3469626	3469682	-	4	31	K.VEVETPEENTGDVIGDLSR.R	23
PHEAT-6738	proteomics_heat	3469635	3469682	-	4	2	K.VEVETPEENTGDVIGD.L	20
PHEAT-6739	proteomics_heat	3469647	3469682	-	4	3	K.VEVETPEENTGD.V	16
PHEAT-6740	proteomics_heat	3469683	3469715	-	4	26	K.AKPVLLPEIMK.V	15
PHEAT-6741	proteomics_heat	3469731	3469754	-	4	2	K.LAASIAFK.E	12
PHEAT-6742	proteomics_heat	3469755	3469799	-	4	3	H.FGSYHDVDSSELAFK.L	19
PHEAT-6743	proteomics_heat	3469755	3469805	-	4	235	R.LHFGSYHDVDSSELAFK.L	21
PHEAT-6744	proteomics_heat	3469761	3469805	-	4	2	R.LHFGSYHDVDSSELA.F	19

PHEAT-6745	proteomics_heat	3469767	3469805	-	4	2	R.LHFGSYHDVDSSE.L	17
PHEAT-6746	proteomics_heat	3469806	3469850	-	4	12	K.AGPLAGYPVDMGIR.L	19
PHEAT-6747	proteomics_heat	3469872	3469913	-	4	10	K.GGVIPGEYIPAVDK.G	18
PHEAT-6748	proteomics_heat	3469872	3469940	-	4	2	K.GYEFINDIKGGVIPGEYIPAVDK.G	27
PHEAT-6749	proteomics_heat	3469914	3469940	-	4	11	K.GYEFINDIK.G	13
PHEAT-6750	proteomics_heat	3469941	3470000	-	4	19	R.GQYGHVVIDMYPLEPGSNPK.G	24
PHEAT-6751	proteomics_heat	3470025	3470051	-	4	10	R.QKVTDVEGK.H	13
PHEAT-6752	proteomics_heat	3470064	3470111	-	4	22	R.EFNVEANVGKPVAYR.E	20
PHEAT-6753	proteomics_heat	3470064	3470114	-	4	3	K.REFNVEANVGKPVAYR.E	21
PHEAT-6754	proteomics_heat	3470121	3470198	-	4	159	R.VWTDEESNQTIAGMGELHLDIIVDR.M	30
PHEAT-6755	proteomics_heat	3470199	3470225	-	4	5	R.LAKEDPSFR.V	13
PHEAT-6756	proteomics_heat	3470268	3470312	-	4	28	R.MEFPEPVISIAVEPK.T	19
PHEAT-6757	proteomics_heat	3470313	3470333	-	4	3	D.APIILER.M	11
PHEAT-6758	proteomics_heat	3470313	3470339	-	4	10	D.PDAPIILER.M	13
PHEAT-6759	proteomics_heat	3470313	3470348	-	4	6	T.LCDPDAPIILER.M	16
PHEAT-6760	proteomics_heat	3470313	3470351	-	4	5	D.TLCDPDAPIILER.M	17
PHEAT-6761	proteomics_heat	3470313	3470366	-	4	2	D.VTTGDTLCDPDAPIILER.M	22
PHEAT-6762	proteomics_heat	3470313	3470369	-	4	344	K.DVTTGDTLCDPDAPIILER.M	23
PHEAT-6763	proteomics_heat	3470313	3470402	-	4	5	R.AGDIAAAIGLKDVTGDTLCDPDAPIILER.M	34
PHEAT-6764	proteomics_heat	3470334	3470369	-	4	9	K.DVTTGDTLCDPD.A	16
PHEAT-6765	proteomics_heat	3470340	3470369	-	4	9	K.DVTTGDTLCD.P	14
PHEAT-6766	proteomics_heat	3470370	3470402	-	4	11	R.AGDIAAAIGLK.D	15
PHEAT-6767	proteomics_heat	3470403	3470423	-	4	2	R.EEIKEVR.A	11
PHEAT-6768	proteomics_heat	3470427	3470450	-	4	3	R.IVQMHANK.R	12
PHEAT-6769	proteomics_heat	3470475	3470525	-	4	31	R.VYSGVVNSGDTVLNSVK.A	21
PHEAT-6770	proteomics_heat	3470526	3470567	-	4	20	K.IATDPFVGNLTFFR.V	18
PHEAT-6771	proteomics_heat	3470526	3470570	-	4	2	F.KIATDPFVGNLTFFR.V	19
PHEAT-6772	proteomics_heat	3470568	3470609	-	4	29	R.HASDDEPFSALAFK.I	18
PHEAT-6773	proteomics_heat	3470610	3470663	-	4	11	D.VPAINGILDDGKDTPAER.H	22
PHEAT-6774	proteomics_heat	3470610	3470678	-	4	19	L.PSPVDVPAINGILDDGKDTPAER.H	27
PHEAT-6775	proteomics_heat	3470610	3470681	-	4	2	Y.LPSPVDVPAINGILDDGKDTPAER.H	28
PHEAT-6776	proteomics_heat	3470610	3470717	-	4	140	K.GVQAMLDVIDYLPSPVDVPAINGILDDGKDTPAER.H	40
PHEAT-6777	proteomics_heat	3470610	3470723	-	4	17	K.NKGVQAMLDVIDYLPSPVDVPAINGILDDGKDTPAER.H	42
PHEAT-6778	proteomics_heat	3470628	3470717	-	4	8	K.GVQAMLDVIDYLPSPVDVPAINGILDDGK.D	34
PHEAT-6779	proteomics_heat	3470724	3470771	-	4	88	R.VLNNEIILVTCGSAFK.N	20
PHEAT-6780	proteomics_heat	3470790	3470828	-	4	17	K.YLGGEELTEAEIK.G	17
PHEAT-6781	proteomics_heat	3470976	3471053	-	4	2431	R.LGANPVPLQLAIGAEHFVGVVLDVK.M	30
PHEAT-6782	proteomics_heat	3471153	3471197	-	4	3	Y.CAVGGVQPQSETVWR.Q	19
PHEAT-6783	proteomics_heat	3471153	3471224	-	4	54	R.VLDGAVMVYCAVGGVQPQSETVWR.Q	28
PHEAT-6784	proteomics_heat	3471234	3471287	-	4	94	R.INIIDTPGHVDFTEVER.S	22
PHEAT-6785	proteomics_heat	3471306	3471359	-	4	178	R.GITITSAATTAFWSGMAK.Q	22
PHEAT-6786	proteomics_heat	3471360	3471419	-	4	32	K.IGEVHDGAATMDWMEQEQR.G	24
PHEAT-6787	proteomics_heat	3471420	3471449	-	4	19	R.ILFYTGVNHK.I	14
PHEAT-6788	proteomics_heat	3471468	3471497	-	4	2	I.GISAHIDAGK.T	14
PHEAT-6789	proteomics_heat	3471468	3471503	-	4	35	R.NIGISAHIDAGK.T	16
PHEAT-6790	proteomics_heat	3471693	3471746	-	4	2	R.LANELSDAAENKGTAVKK.R	22

PHEAT-6791	proteomics_heat	3471696	3471746	-	4	22	R.LANELSDAAENKGTAVK.K	21
PHEAT-6792	proteomics_heat	3471711	3471746	-	4	14	R.LANELSDAAENK.G	16
PHEAT-6793	proteomics_heat	3471711	3471749	-	4	2	L.RLANELSDAAENK.G	17
PHEAT-6794	proteomics_heat	3471819	3471866	-	4	15	R.VGGSTYQVPVEVRPVR.R	20
PHEAT-6795	proteomics_heat	3471819	3471869	-	4	5	R.RVGGSTYQVPVEVRPVR.R	21
PHEAT-6796	proteomics_heat	3471828	3471869	-	4	6	R.RVGGSTYQVPVEVR.P	18
PHEAT-6797	proteomics_heat	3471876	3471935	-	4	90	K.SELEAFEVALENVRPTVEVK.S	24
PHEAT-6798	proteomics_heat	3471876	3471944	-	4	48	R.SGKSELEAFEVALENVRPTVEVK.S	27
PHEAT-6799	proteomics_heat	3471945	3471995	-	4	102	K.STAESIVYSALETLAQR.S	21
PHEAT-6800	proteomics_heat	3471945	3471998	-	4	57	K.KSTAESIVYSALETLAQR.S	22
PHEAT-6801	proteomics_heat	3471996	3472028	-	4	19	K.FVNILMVDGKK.S	15
PHEAT-6802	proteomics_heat	3471999	3472028	-	4	21	K.FVNILMVDGK.K	14
PHEAT-6803	proteomics_heat	3472029	3472052	-	4	3	K.FGSELLAK.F	12
PHEAT-6804	proteomics_heat	3472245	3472277	-	4	6	R.GALDCSGVKDR.K	15
PHEAT-6805	proteomics_heat	3472251	3472277	-	4	4	R.GALDCSGVK.D	13
PHEAT-6806	proteomics_heat	3472326	3472355	-	4	3	N.LQEHSVILIR.G	14
PHEAT-6807	proteomics_heat	3472326	3472376	-	4	8	Y.IGGEGHNLQEHSVILIR.G	21
PHEAT-6808	proteomics_heat	3472326	3472406	-	4	700	R.LTNGFEVTSYIGGEGHNLQEHSVILIR.G	31
PHEAT-6809	proteomics_heat	3472356	3472406	-	4	2	R.LTNGFEVTSYIGGEGHN.L	21
PHEAT-6810	proteomics_heat	3472359	3472406	-	4	2	R.LTNGFEVTSYIGGEGH.N	20
PHEAT-6811	proteomics_heat	3472446	3472466	-	4	2	R.VYTTTPK.K	11
PHEAT-6812	proteomics_heat	3472482	3472511	-	4	5	V.PALEACPQKR.G	14
PHEAT-6813	proteomics_heat	3472482	3472520	-	4	19	K.SNVPALACPQKR.G	17
PHEAT-6814	proteomics_heat	3472485	3472520	-	4	8	K.SNVPALACPQK.R	16
PHEAT-6815	proteomics_heat	3472548	3472571	-	4	3	M.ATVNQLVR.K	12
PHEAT-6816	proteomics_heat	3472862	3472930	-	6	2	R.LLSEGDELLLLQDGVTAADVGNR.Y	27
PHEAT-6817	proteomics_heat	3473298	3473345	-	4	2	R.IAFVFSTAPHGTAAGR.E	20
PHEAT-6818	proteomics_heat	3473369	3473455	-	6	2	R.LGLASSNLQQGFTLSGLGALAEASLTCDR.V	33
PHEAT-6819	proteomics_heat	3473818	3473844	-	5	6	K.DAINQVADR.L	13
PHEAT-6820	proteomics_heat	3474169	3474210	-	5	7	R.MLHDMTGADSSVSK.C	18
PHEAT-6821	proteomics_heat	3474211	3474246	-	5	2	R.KIGSPITDLALR.M	16
PHEAT-6822	proteomics_heat	3474289	3474372	-	5	7	K.SYEA VVDGLAMLIGSHCEIVLHSLQDLK.C	32
PHEAT-6823	proteomics_heat	3474373	3474453	-	5	3	R.SLLTNETSELDLLDQRPFQDFDILK.S	31
PHEAT-6824	proteomics_heat	3474761	3474799	-	6	3	K.IKLVIPPELAYGK.A	17
PHEAT-6825	proteomics_heat	3474821	3474859	-	6	4	R.LDGVIPGWTEGLK.N	17
PHEAT-6826	proteomics_heat	3474881	3474925	-	6	3	K.GTLIDGKEFDNSYTR.G	19
PHEAT-6827	proteomics_heat	3474926	3474955	-	6	11	K.DSDTVVVNYK.G	14
PHEAT-6828	proteomics_heat	3474926	3475015	-	6	5	K.TSSTGLVYQVVEAGKGEAPKSDTVVVNYK.G	34
PHEAT-6829	proteomics_heat	3474956	3475015	-	6	3	K.TSSTGLVYQVVEAGKGEAPK.D	24
PHEAT-6830	proteomics_heat	3475118	3475165	-	6	10	K.LSDQEIEQTLQAFEAR.V	20
PHEAT-6831	proteomics_heat	3475172	3475213	-	6	3	K.DQLIAGVQDAFADK.S	18
PHEAT-6832	proteomics_heat	3475172	3475222	-	6	7	K.LDKDQLIAGVQDAFADK.S	21
PHEAT-6833	proteomics_heat	3475172	3475234	-	6	3	K.LGIKLDKDKQLIAGVQDAFADK.S	25
PHEAT-6834	proteomics_heat	3475235	3475267	-	6	5	R.YMENSLSKEQEK.L	15
PHEAT-6835	proteomics_heat	3475268	3475300	-	6	4	K.SAYALGASLGR.Y	15
PHEAT-6836	proteomics_heat	3475301	3475327	-	6	2	K.AAFKNDDQK.S	13

PHEAT-6837	proteomics_heat	3476100	3476126	-	4	9	K.FNVEVVAIR.E	13
PHEAT-6838	proteomics_heat	3476127	3476234	-	4	2	R.FLAETDQGPVPEITAVEDDHVVVDGNHMLAGQNLK.F	40
PHEAT-6839	proteomics_heat	3476235	3476276	-	4	7	K.DVFMGVDELQVGM.R.F	18
PHEAT-6840	proteomics_heat	3483478	3483507	-	5	2	K.YCSVALMLEK.A	14
PHEAT-6841	proteomics_heat	3483508	3483531	-	5	2	R.AVDLSAEK.Y	12
PHEAT-6842	proteomics_heat	3483634	3483666	-	5	7	K.GRQDVVDCEVK.L	15
PHEAT-6843	proteomics_heat	3487018	3487071	-	5	11	R.FAPSLVEDADIDEQM.R.F	22
PHEAT-6844	proteomics_heat	3487072	3487137	-	5	3	R.DFLYAGAEAGVMVLNAGPDVM.R.F	26
PHEAT-6845	proteomics_heat	3487150	3487194	-	5	19	R.GMGLLIGAELKPQYK.G	19
PHEAT-6846	proteomics_heat	3487195	3487230	-	5	4	K.IDQQYDVFS.DIR.G	16
PHEAT-6847	proteomics_heat	3487231	3487251	-	5	2	R.FVDHLQK.I	11
PHEAT-6848	proteomics_heat	3487438	3487500	-	5	16	R.TGDLFAYMHYGVTPDIL.TSAK.A	25
PHEAT-6849	proteomics_heat	3487501	3487563	-	5	18	R.ELCDQHQALLVFDEVQCGMGR.T	25
PHEAT-6850	proteomics_heat	3487564	3487662	-	5	7	K.AVMDDHTCAVVVEPIQGE.GGVTAATPEFLQGLR.E	37
PHEAT-6851	proteomics_heat	3487663	3487710	-	5	5	K.PADIIHV.PFNDLHAVK.A	20
PHEAT-6852	proteomics_heat	3487663	3487734	-	5	13	K.YSDGFGPKPADIIHV.PFNDLHAVK.A	28
PHEAT-6853	proteomics_heat	3487711	3487734	-	5	2	K.YSDGFGPK.P	12
PHEAT-6854	proteomics_heat	3487735	3487770	-	5	8	R.SLFTVSVGGQPK.Y	16
PHEAT-6855	proteomics_heat	3487852	3487899	-	5	6	R.VVMNSGTEANETAFK.L	20
PHEAT-6856	proteomics_heat	3487900	3487929	-	5	7	R.KLIEATFAER.V	14
PHEAT-6857	proteomics_heat	3487939	3487998	-	5	17	K.TQGETLWHISNVFTNEPALR.L	24
PHEAT-6858	proteomics_heat	3487999	3488076	-	5	23	K.EYVDFAGGI.VTALGHCHPALVNALK.T	30
PHEAT-6859	proteomics_heat	3488077	3488097	-	5	2	R.IWDQQGK.E	11
PHEAT-6860	proteomics_heat	3488173	3488199	-	5	3	M.AIEQTAITR.A	13
PHEAT-6861	proteomics_heat	3488504	3488542	-	6	2	K.TSPITHNGEGVFR.G	17
PHEAT-6862	proteomics_heat	3489638	3489682	-	6	3	R.LYLWQMDTFREASSE.E	19
PHEAT-6863	proteomics_heat	3489759	3489836	-	4	8	K.ISQVPTH.DVGPYQNVPSKPVVILSAK.V	30
PHEAT-6864	proteomics_heat	3489759	3489857	-	4	2	K.GMDVADKISQVPTH.DVGPYQNVPSKPVVILSAK.V	37
PHEAT-6865	proteomics_heat	3489867	3489893	-	4	2	R.DFGYAVFGK.V	13
PHEAT-6866	proteomics_heat	3489894	3489971	-	4	21	R.TADKDSATSQFFIN.VADNAFLDHGQR.D	30
PHEAT-6867	proteomics_heat	3490002	3490046	-	4	5	K.KPNPPIKNEADNGLR.N	19
PHEAT-6868	proteomics_heat	3490047	3490103	-	4	8	R.VIPGFMIQGGGFTEQM.QQK.K	23
PHEAT-6869	proteomics_heat	3490104	3490175	-	4	17	K.APVSVQNFVDYVNSGFYNNTTFHR.V	28
PHEAT-6870	proteomics_heat	3490104	3490181	-	4	4	K.QKAPVSVQNFVDYVNSGFYNNTTFHR.V	30
PHEAT-6871	proteomics_heat	3490176	3490247	-	4	8	A.AKGDPHVLLTTSAGNIELELDKQK.A	28
PHEAT-6872	proteomics_heat	3510659	3510694	-	6	2	K.AVYE.AIGFVAKP.-	16
PHEAT-6873	proteomics_heat	3510740	3510778	-	6	11	R.FRND.EAFLQQVMK.D	17
PHEAT-6874	proteomics_heat	3510788	3510838	-	6	9	K.GEVADAVSGMLTELQER.Y	21
PHEAT-6875	proteomics_heat	3510788	3510856	-	6	12	K.MYGHLKGEVADAVSGMLTELQER.Y	27
PHEAT-6876	proteomics_heat	3510857	3510940	-	6	7	K.AGVS.NLLDILSAVTGQS.IPELEKQFEGK.M	32
PHEAT-6877	proteomics_heat	3510872	3510940	-	6	24	K.AGVS.NLLDILSAVTGQS.IPELEK.Q	27
PHEAT-6878	proteomics_heat	3510959	3510994	-	6	8	R.AVTDSDEPPVVR.Y	16
PHEAT-6879	proteomics_heat	3510959	3510997	-	6	2	K.RAVTDSDEPPVVR.Y	17
PHEAT-6880	proteomics_heat	3511019	3511051	-	6	2	R.NNVIGLLEDPK.S	15
PHEAT-6881	proteomics_heat	3511076	3511105	-	6	3	R.VMSLLEPTKK.M	14
PHEAT-6882	proteomics_heat	3511118	3511171	-	6	9	R.FNALYGEIFKVPEPFIPK.S	22

PHEAT-6883	proteomics_heat	3511142	3511171	-	6	5	R.FNALYGEIFK.V	14
PHEAT-6884	proteomics_heat	3511343	3511432	-	6	6	K.STIFVQSHVPEHAQLGWALNCYTYFGELSR.M	34
PHEAT-6885	proteomics_heat	3511433	3511486	-	6	6	K.ATLDTLALYLACGIDPEK.S	22
PHEAT-6886	proteomics_heat	3511433	3511489	-	6	17	R.KATLDTLALYLACGIDPEK.S	23
PHEAT-6887	proteomics_heat	3511511	3511582	-	6	7	R.QWVNMQDDYHCIYCIDVQHAITVR.Q	28
PHEAT-6888	proteomics_heat	3511583	3511657	-	6	15	M.TKPIVFSGAQPSGELTIGNYMGALR.Q	29
PHEAT-6889	proteomics_heat	3511830	3511874	-	4	3	R.MGIAPQQMLFVGDSR.N	19
PHEAT-6890	proteomics_heat	3511875	3511955	-	4	2	K.YFSVVIIGDDVQNKKPHPDPLLLVAER.M	31
PHEAT-6891	proteomics_heat	3511956	3512033	-	4	8	K.GLPLGLVTNKPTPFVAPLLEALDIAK.Y	30
PHEAT-6892	proteomics_heat	3512034	3512111	-	4	12	R.YYGEVAEEGTFLFPHVADTLGALQAK.G	30
PHEAT-6893	proteomics_heat	3512136	3512189	-	4	2	K.TMGKPPVDDDIPAEQVR.I	22
PHEAT-6894	proteomics_heat	3512136	3512192	-	4	2	R.KTMGKPPVDDDIPAEQVR.I	23
PHEAT-6895	proteomics_heat	3512434	3512454	-	5	2	K.KVIDEMR.S	11
PHEAT-6896	proteomics_heat	3512452	3512538	-	5	22	K.VNNIGEIAAAGADMVAGSAIFDQPDYKK.V	33
PHEAT-6897	proteomics_heat	3512455	3512538	-	5	10	K.VNNIGEIAAAGADMVAGSAIFDQPDYK.K	32
PHEAT-6898	proteomics_heat	3512539	3512562	-	5	2	R.LEVDGGVK.V	12
PHEAT-6899	proteomics_heat	3512563	3512592	-	5	3	R.RIDESGFDIR.L	14
PHEAT-6900	proteomics_heat	3512611	3512667	-	5	3	L.MSVNPGFGGQSFIPQTLDK.L	23
PHEAT-6901	proteomics_heat	3512854	3512910	-	5	4	R.NYGITAPIDVHLMVKPVDR.I	23
PHEAT-6902	proteomics_heat	3512920	3513009	-	5	11	K.ALAAGADVHFVDMNDNHYVPLNTIGPMVLK.S	34
PHEAT-6903	proteomics_heat	3513031	3513075	-	5	4	K.QYLIAPSILSADFAR.L	19
PHEAT-6904	proteomics_heat	3513031	3513081	-	5	3	R.MKQYLIAPSILSADFAR.L	21
PHEAT-6905	proteomics_heat	3513234	3513278	-	4	2	R.HIPVLISNHDTMLTR.E	19
PHEAT-6906	proteomics_heat	3513735	3513788	-	4	5	R.YILADINSDLISLYNIVK.M	22
PHEAT-6907	proteomics_heat	3514090	3514128	-	5	3	K.KAVSTLPADVQAK.N	17
PHEAT-6908	proteomics_heat	3514141	3514188	-	5	2	R.NGQPWYVLVSGVYASK.E	20
PHEAT-6909	proteomics_heat	3514231	3514305	-	5	3	K.SAPSSHYTLQLSSSSNYDNLNGWAK.K	29
PHEAT-6910	proteomics_heat	3514333	3514407	-	5	21	K.ETATTAPVQTASPAQTATPAAGAK.T	29
PHEAT-6911	proteomics_heat	3514441	3514476	-	5	9	K.RTEPAAPVASTK.A	16
PHEAT-6912	proteomics_heat	3514627	3514746	-	5	8	R.VEVQGLNNAITQPQNQQQLNNVAVNSTLPTEPATVAPVR.N	44
PHEAT-6913	proteomics_heat	3515275	3515328	-	5	3	-.MDEFKPEDELKPDPSDRR.T	22
PHEAT-6914	proteomics_heat	3515423	3515476	-	6	5	R.SGVSHLVNNAIADCQSA.-	22
PHEAT-6915	proteomics_heat	3515546	3515584	-	6	4	R.EMSAQAYLPHMLR.D	17
PHEAT-6916	proteomics_heat	3516056	3516082	-	6	9	K.TAVNHPLGK.N	13
PHEAT-6917	proteomics_heat	3516083	3516139	-	6	6	R.FIQVPTLLSQVDSSVGGK.T	23
PHEAT-6918	proteomics_heat	3516149	3516223	-	6	11	R.DTTLVALGGGVVGDLTGFAAASYQR.G	29
PHEAT-6919	proteomics_heat	3516224	3516280	-	6	14	K.SLAVLDTVFTALLQKPHGR.D	23
PHEAT-6920	proteomics_heat	3516281	3516346	-	6	2	R.GVLEQAGVNVDSVILPDGEQYK.S	26
PHEAT-6921	proteomics_heat	3516413	3516475	-	6	9	R.SYPITIASGLFNEPASFLPK.S	25
PHEAT-6922	proteomics_heat	3516568	3516606	-	5	5	K.VVANQIIHMLESN.-	17
PHEAT-6923	proteomics_heat	3516628	3516696	-	5	19	R.EVLEALANERNPLYEEIADVTR.T	27
PHEAT-6924	proteomics_heat	3516667	3516696	-	5	2	R.EVLEALANER.N	14
PHEAT-6925	proteomics_heat	3516829	3516867	-	5	4	K.QGIVLATGGGSVK.S	17
PHEAT-6926	proteomics_heat	3516868	3516891	-	5	4	K.VINELTEK.Q	12
PHEAT-6927	proteomics_heat	3516907	3516960	-	5	28	R.TGADVGVVFDLEGEEGFR.D	22
PHEAT-6928	proteomics_heat	3516961	3517020	-	5	4	R.QLAQQLNMEFYDSDQEIEKR.T	24

PHEAT-6929	proteomics_heat	3517036	3517071	-	5	4	R.NIFLVGPMGAGK.S	16
PHEAT-6930	proteomics_heat	3523725	3523802	-	4	2	K.MNIVVAQDLYPESLEGDEPEPLQVR.W	30
PHEAT-6931	proteomics_heat	3523839	3523889	-	4	3	R.ELKEEVGFGANDLTLFLK.K	21
PHEAT-6932	proteomics_heat	3523890	3523934	-	4	2	K.GLIDPGESVYEAANR.E	19
PHEAT-6933	proteomics_heat	3523980	3524030	-	4	2	R.EAVMIVPIVDDHLILIR.E	21
PHEAT-6934	proteomics_heat	3524118	3524162	-	4	2	K.SLQKPTILNVETVAR.S	19
PHEAT-6935	proteomics_heat	3532661	3532741	-	6	27	R.KHLFQPFVRGDSARTISGTGLGLAIVQ.R	31
PHEAT-6936	proteomics_heat	3533522	3533590	-	6	2	R.WAQHYEFLSHQMAQQLGGPTEVR.V	27
PHEAT-6937	proteomics_heat	3534097	3534156	-	5	4	R.EMFREDEPMLTSGEFAVLK.A	24
PHEAT-6938	proteomics_heat	3534181	3534240	-	5	3	R.QANELPGAPSQEEAVIAFGK.F	24
PHEAT-6939	proteomics_heat	3534277	3534333	-	5	5	R.IVGGLEIGADDYIPKPFNPR.E	23
PHEAT-6940	proteomics_heat	3534403	3534468	-	5	2	R.ESFHLMVLDLMLPGEDGLSICR.R	26
PHEAT-6941	proteomics_heat	3534481	3534510	-	5	2	R.SVANAEQMDR.L	14
PHEAT-6942	proteomics_heat	3534511	3534540	-	5	3	R.YLTEQGFQVR.S	14
PHEAT-6943	proteomics_heat	3542642	3542704	-	6	2	R.GFGALSLADMAEAVLQQAPDK.A	25
PHEAT-6944	proteomics_heat	3546815	3546904	-	6	3	K.ASVGAPPDILGPLGQNWGLPPMDPHIITAR.A	34
PHEAT-6945	proteomics_heat	3548237	3548296	-	6	4	K.QGGDPYLVMDFAAYVEAQK.Q	24
PHEAT-6946	proteomics_heat	3548297	3548350	-	6	5	K.YSDGDKHAFDQMLHSIGK.Q	22
PHEAT-6947	proteomics_heat	3548297	3548368	-	6	2	K.ELESGKYSDDGDKHAFDQMLHSIGK.Q	28
PHEAT-6948	proteomics_heat	3548441	3548491	-	6	6	K.VGEEENIFIFGHTVEQVK.A	21
PHEAT-6949	proteomics_heat	3548492	3548557	-	6	3	K.LALNGALTVGTLGDGANVEIAEK.V	26
PHEAT-6950	proteomics_heat	3548585	3548632	-	6	2	K.LIPAADISEQISTAGK.E	20
PHEAT-6951	proteomics_heat	3548675	3548722	-	6	3	K.VADVINDPLVGDK.L	20
PHEAT-6952	proteomics_heat	3548681	3548722	-	6	2	K.VADVINDPLVGDK.L	18
PHEAT-6953	proteomics_heat	3548894	3548941	-	6	3	R.TGIEINPQAFDIQIK.R	20
PHEAT-6954	proteomics_heat	3549029	3549070	-	6	2	K.EWANDLDQLINLEK.F	18
PHEAT-6955	proteomics_heat	3549131	3549202	-	6	5	K.DLFPEYHQLWPNKFHNVTNGITPR.R	28
PHEAT-6956	proteomics_heat	3549362	3549394	-	6	7	R.HMQIINEINTR.F	15
PHEAT-6957	proteomics_heat	3549431	3549478	-	6	4	K.TFAYTNHTLMPEALER.W	20
PHEAT-6958	proteomics_heat	3549536	3549613	-	6	6	K.LHELADYEVIQLNDTHPTIAPELLR.V	30
PHEAT-6959	proteomics_heat	3549536	3549616	-	6	15	R.KLHELADYEVIQLNDTHPTIAPELLR.V	31
PHEAT-6960	proteomics_heat	3549563	3549613	-	6	3	K.LHELADYEVIQLNDTHPTIAPELLR.V	21
PHEAT-6961	proteomics_heat	3549638	3549688	-	6	4	R.LMQQYFQCACSVADILR.R	21
PHEAT-6962	proteomics_heat	3549698	3549733	-	6	3	K.VLYPNDNHTAGK.K	16
PHEAT-6963	proteomics_heat	3549743	3549772	-	6	2	R.AEQQGINAEL.L	14
PHEAT-6964	proteomics_heat	3549797	3549838	-	6	2	R.LWQATHAHPFDLTK.F	18
PHEAT-6965	proteomics_heat	3549941	3549982	-	6	6	R.HNEALDVQVGIGGK.V	18
PHEAT-6966	proteomics_heat	3550142	3550216	-	6	3	K.AYDINLTDLLEEEIDPALGNGLGR.L	29
PHEAT-6967	proteomics_heat	3550217	3550276	-	6	9	R.LTGNNLLNLGWYQDVQDSLK.A	24
PHEAT-6968	proteomics_heat	3550316	3550351	-	6	2	R.AQPFAPVANQR.H	16
PHEAT-6969	proteomics_heat	3550397	3550432	-	6	2	R.YGLNSAAEMTPR.Q	16
PHEAT-6970	proteomics_heat	3551206	3551292	-	5	4	R.VPADIVFACRPLGNEGGLSVARRTRDQRQ.P	33
PHEAT-6971	proteomics_heat	3557999	3558028	-	6	2	R.HVMLVVDHDK.F	14
PHEAT-6972	proteomics_heat	3558137	3558187	-	6	4	R.DGGIIGEATLDFISQFR.L	21
PHEAT-6973	proteomics_heat	3558233	3558277	-	6	2	R.IVTNNLNVANLTMVK.E	19
PHEAT-6974	proteomics_heat	3558278	3558376	-	6	3	K.VAEQIPNGSTLFIDIGTTPPEAVAHALLNHSNLR.I	37



PHEAT-6975	proteomics_heat	3558278	3558379	-	6	2	R.KVAEQIPNGSTLFIDIGTTPEAVAHALLNHSNLR.I	38
PHEAT-6976	proteomics_heat	3558476	3558514	-	6	2	R.DLNELAEQNLILR.H	17
PHEAT-6977	proteomics_heat	3562322	3562381	-	6	2	R.DLVDSLINFGDHYQVLADYR.S	24
PHEAT-6978	proteomics_heat	3562619	3562735	-	6	2	K.VVFIPNYSVSLAQLIIPAADLSEQISLAGTEASGTSNMK.F	43
PHEAT-6979	proteomics_heat	3562742	3562774	-	6	3	K.VINNDPQIGDK.L	15
PHEAT-6980	proteomics_heat	3562775	3562807	-	6	2	K.HIIHLINDVAK.V	15
PHEAT-6981	proteomics_heat	3562901	3562933	-	6	2	R.QLMNVLVHIVR.Y	15
PHEAT-6982	proteomics_heat	3563045	3563122	-	6	4	R.TDLSLLNELQQHCDFPMVNHAVHQAK.L	30
PHEAT-6983	proteomics_heat	3563132	3563188	-	6	3	R.WLAVANPSLSAVLDEHLGR.N	23
PHEAT-6984	proteomics_heat	3563192	3563224	-	6	2	R.FTNVTNGVTPR.R	15
PHEAT-6985	proteomics_heat	3563378	3563422	-	6	2	K.TLQEYYPNDTDLLGR.A	19
PHEAT-6986	proteomics_heat	3563606	3563662	-	6	4	K.IAIHLNDTHPVLSSIPEMMR.L	23
PHEAT-6987	proteomics_heat	3563705	3563752	-	6	2	R.QEYFLVSSTIQDILSR.H	20
PHEAT-6988	proteomics_heat	3563705	3563758	-	6	7	R.LRQEYFLVSSTIQDILSR.H	22
PHEAT-6989	proteomics_heat	3564170	3564220	-	6	3	R.LAACFLDSLATLGLPGR.G	21
PHEAT-6990	proteomics_heat	3564551	3564601	-	6	2	M.NAPFTYSSPTLSVEALK.H	21
PHEAT-6991	proteomics_heat	3564893	3564931	-	6	2	R.FEPCGLTQLYGLK.Y	17
PHEAT-6992	proteomics_heat	3565223	3565255	-	6	3	R.DTLEDKAENKR.Q	15
PHEAT-6993	proteomics_heat	3565304	3565336	-	6	2	R.LSGVLNGVDEK.I	15
PHEAT-6994	proteomics_heat	3565352	3565405	-	6	5	R.EITEPQFAYGMEGLLQQR.H	22
PHEAT-6995	proteomics_heat	3565880	3565909	-	6	2	R.GVTDAAQVVS.R	14
PHEAT-6996	proteomics_heat	3565880	3565912	-	6	4	R.RGVTDAAQVVS.R	15
PHEAT-6997	proteomics_heat	3565943	3566011	-	6	3	K.TGGLADVIGALPAAQIADGVDAR.V	27
PHEAT-6998	proteomics_heat	3566012	3566056	-	6	8	I.MQVLHVCSEMFPLLK.T	19
PHEAT-6999	proteomics_heat	3566095	3566124	-	5	2	R.SEEGIVLVTR.E	14
PHEAT-7000	proteomics_heat	3566227	3566286	-	5	5	R.VNSFCNIDSAVLLPEVWVGR.S	24
PHEAT-7001	proteomics_heat	3566497	3566526	-	5	2	R.DVGTLEAYWK.A	14
PHEAT-7002	proteomics_heat	3566527	3566610	-	5	6	K.ITEAGLAYAHPFLSVCVQSDPAEPYWR.D	32
PHEAT-7003	proteomics_heat	3566875	3566898	-	5	4	R.MLIDHVEK.G	12
PHEAT-7004	proteomics_heat	3566914	3566961	-	5	11	R.YKAEYVVILAGDHIYK.Q	20
PHEAT-7005	proteomics_heat	3566965	3567006	-	5	3	R.GTADAVTQNLDIIR.R	18
PHEAT-7006	proteomics_heat	3566965	3567009	-	5	2	Y.RGTADAVTQNLDIIR.R	19
PHEAT-7007	proteomics_heat	3567031	3567093	-	5	5	R.GWSFFNEEMNEFVDLLPAQQR.M	25
PHEAT-7008	proteomics_heat	3567094	3567147	-	5	3	R.MGVITQYQSHTLVQHIQR.G	22
PHEAT-7009	proteomics_heat	3567151	3567195	-	5	2	R.IIDFALSNCINSR.R	19
PHEAT-7010	proteomics_heat	3567265	3567294	-	5	2	K.SVALILAGGR.G	14
PHEAT-7011	proteomics_heat	3568716	3568775	-	4	4	K.QLGITALELLPVAQFASEPR.L	24
PHEAT-7012	proteomics_heat	3569540	3569593	-	6	4	R.DKEGNEIIVASNFTPVPR.H	22
PHEAT-7013	proteomics_heat	3569618	3569683	-	6	2	K.AMHELDFFDYPGFVWLVVDDKER.S	26
PHEAT-7014	proteomics_heat	3569723	3569797	-	6	2	R.EWNHDASLDWHLLGGDNWHHGVQR.L	29
PHEAT-7015	proteomics_heat	3569834	3569872	-	6	2	R.AYYGWMWAFPGKK.L	17
PHEAT-7016	proteomics_heat	3570044	3570085	-	6	2	K.WNLGWMHDTLDYMK.L	18
PHEAT-7017	proteomics_heat	3570206	3570235	-	6	2	R.ENLEAIEFLR.N	14
PHEAT-7018	proteomics_heat	3570338	3570385	-	6	6	R.EVSNFLVGNALYWIER.F	20
PHEAT-7019	proteomics_heat	3570389	3570436	-	6	3	R.EGYHQDWNTLIYNYGR.R	20
PHEAT-7020	proteomics_heat	3570764	3570820	-	6	3	K.ANQFDAPISIEVHLGSR.R	23

PHEAT-7021	proteomics_heat	3570764	3570823	-	6	3	K.KANQFDAPISYEVHLSWR.R	24
PHEAT-7022	proteomics_heat	3570848	3570925	-	6	3	R.LKSDPYAFEAMRPTASLICGLPEK.V	30
PHEAT-7023	proteomics_heat	3570959	3571018	-	6	5	R.KESGIWELFIPGAHNGQLYK.Y	24
PHEAT-7024	proteomics_heat	3571040	3571081	-	6	3	R.RVSVVGGQFNWDGR.R	18
PHEAT-7025	proteomics_heat	3571370	3571414	-	6	4	R.ALLPDATDVWVIEPK.T	19
PHEAT-7026	proteomics_heat	3571439	3571504	-	6	2	R.DVINALIAGHFADPFSVLGMHK.T	26
PHEAT-7027	proteomics_heat	3571819	3571899	-	5	51	K.LNMGPEFLSAFTVGDQLLWGAAEPLRR.M	31
PHEAT-7028	proteomics_heat	3571819	3571902	-	5	21	R.KLNMGPFLSAFTVGDQLLWGAAEPLRR.M	32
PHEAT-7029	proteomics_heat	3571822	3571875	-	5	2	L.SAFTVGDQLLWGAAEPLR.R	22
PHEAT-7030	proteomics_heat	3571822	3571899	-	5	103	K.LNMGPEFLSAFTVGDQLLWGAAEPLR.R	30
PHEAT-7031	proteomics_heat	3571822	3571902	-	5	2	R.KLNMGPFLSAFTVGDQLLWGAAEPLR.R	31
PHEAT-7032	proteomics_heat	3571909	3571959	-	5	28	R.ELTPAAVTGTLTTPVGR.L	21
PHEAT-7033	proteomics_heat	3571993	3572037	-	5	3	I.PTVEELLAAHNPWAK.V	19
PHEAT-7034	proteomics_heat	3571993	3572049	-	5	30	K.DVSIPTVEELLAAHNPWAK.V	23
PHEAT-7035	proteomics_heat	3572059	3572085	-	5	3	R.CHSQAFTIK.L	13
PHEAT-7036	proteomics_heat	3572101	3572148	-	5	13	K.ILNTSSVIPVDGLCVR.V	20
PHEAT-7037	proteomics_heat	3572149	3572181	-	5	8	R.EEWKQGAETNK.I	15
PHEAT-7038	proteomics_heat	3572170	3572205	-	5	2	K.QLDNGQSREEWK.G	16
PHEAT-7039	proteomics_heat	3572206	3572274	-	5	20	R.SGELPVDNFGVPLAGSLIPWIDK.Q	27
PHEAT-7040	proteomics_heat	3572293	3572382	-	5	12	R.ELLTQMGHLYGHVADELATPSSAILDIERK.V	34
PHEAT-7041	proteomics_heat	3572296	3572346	-	5	3	H.VADELATPSSAILDIER.K	21
PHEAT-7042	proteomics_heat	3572296	3572358	-	5	5	H.LYGHVADELATPSSAILDIER.K	25
PHEAT-7043	proteomics_heat	3572296	3572382	-	5	133	R.ELLTQMGHLYGHVADELATPSSAILDIER.K	33
PHEAT-7044	proteomics_heat	3572392	3572475	-	5	8	M.SLGGFLFANDLVDWVSVATYQAASGGGAR.H	32
PHEAT-7045	proteomics_heat	3572518	3572565	-	5	8	D.PVNQDVITDGLNNGIR.T	20
PHEAT-7046	proteomics_heat	3572518	3572589	-	5	9	K.DDAIILDPVNQDVITDGLNNGIR.T	28
PHEAT-7047	proteomics_heat	3572518	3572595	-	5	50	R.MKDDAIILDPVNQDVITDGLNNGIR.T	30
PHEAT-7048	proteomics_heat	3572596	3572643	-	5	67	R.ESGWQGYWIDAASSLR.M	20
PHEAT-7049	proteomics_heat	3572596	3572649	-	5	4	K.LRESGWQGYWIDAASSLR.M	22
PHEAT-7050	proteomics_heat	3572650	3572709	-	5	21	K.ALDIIVTCQGGDYTNEIYPK.L	24
PHEAT-7051	proteomics_heat	3572710	3572769	-	5	10	A.PSFGGTTGTLQDAFDLEALK.A	24
PHEAT-7052	proteomics_heat	3572710	3572772	-	5	2	A.APSFGGTTGTLQDAFDLEALK.A	25
PHEAT-7053	proteomics_heat	3572710	3572796	-	5	4	F.STSQLGQAAPPSFGGTTGTLQDAFDLEALK.A	33
PHEAT-7054	proteomics_heat	3572710	3572808	-	5	2	R.PVFFSTSQLGQAAPPSFGGTTGTLQDAFDLEALK.A	37
PHEAT-7055	proteomics_heat	3572710	3572826	-	5	83	R.DFDAIRPVFFSTSQLGQAAPPSFGGTTGTLQDAFDLEALK.A	43
PHEAT-7056	proteomics_heat	3572776	3572826	-	5	3	R.DFDAIRPVFFSTSQLGQ.A	21
PHEAT-7057	proteomics_heat	3572797	3572826	-	5	5	R.DFDAIRPVFF.S	14
PHEAT-7058	proteomics_heat	3572842	3572871	-	5	5	R.GMVGSVLMQR.M	14
PHEAT-7059	proteomics_heat	3575481	3575552	-	4	3	K.SAVASEVAHQLHAAFLDGDGFLHPR.R	28
PHEAT-7060	proteomics_heat	3576501	3576557	-	4	4	R.AIGVLLPSLTNQVFAEVL.R	23
PHEAT-7061	proteomics_heat	3576558	3576632	-	4	2	K.IAAALDELGYIPNRAPDILSNATSR.A	29
PHEAT-7062	proteomics_heat	3577246	3577269	-	5	2	R.RFDAVQGK.Q	12
PHEAT-7063	proteomics_heat	3577875	3577928	-	4	5	R.VYDALYQTITHGAPNYVK.E	22
PHEAT-7064	proteomics_heat	3577965	3578054	-	4	2	K.ANIMPGEPGAADDSVGVLEYVNDGVTVR.E	34
PHEAT-7065	proteomics_heat	3578169	3578219	-	4	2	K.ANPDDTFEAQLFYGDLK.A	21
PHEAT-7066	proteomics_heat	3578511	3578558	-	4	5	K.NVLVEKPFPTLAQAK.E	20

PHEAT-7067	proteomics_heat	3589227	3589274	-	4	2	R.EQGFYEKNPGADTATR.Q	20
PHEAT-7068	proteomics_heat	3589320	3589370	-	4	2	K.FLDFLAKPENAAEWHQK.T	21
PHEAT-7069	proteomics_heat	3589893	3589952	-	4	5	K.TGHLLSQPFNSSTPVLYYNK.D	24
PHEAT-7070	proteomics_heat	3589953	3590021	-	4	2	K.EAGIQFDESQFVPTVSGYYSK.T	27
PHEAT-7071	proteomics_heat	3590232	3590279	-	4	2	A.VTTIPFWHSMEGELGK.E	20
PHEAT-7072	proteomics_heat	3590768	3590842	-	6	7	R.GYVLENGHVVLSDTGDALLANEAVR.S	29
PHEAT-7073	proteomics_heat	3591083	3591112	-	6	4	R.IKWVYELFPR.L	14
PHEAT-7074	proteomics_heat	3591194	3591223	-	6	4	R.EAVAIVPEGR.R	14
PHEAT-7075	proteomics_heat	3591233	3591277	-	6	3	R.IVFDDKDITDWQTAK.I	19
PHEAT-7076	proteomics_heat	3591293	3591328	-	6	2	K.TTLLGTLCGDPR.A	16
PHEAT-7077	proteomics_heat	3591329	3591409	-	6	9	K.IQALHEVSLHINQGEIVTLIGANGAGK.T	31
PHEAT-7078	proteomics_heat	3591504	3591560	-	4	5	R.IYVVNQGTPLANGTPEQIR.N	23
PHEAT-7079	proteomics_heat	3591669	3591731	-	4	3	R.CMVTQPEILMLDEPAAGLNPK.E	25
PHEAT-7080	proteomics_heat	3591750	3591782	-	4	2	R.QASNLAYGDQR.R	15
PHEAT-7081	proteomics_heat	3591783	3591809	-	4	5	R.IGLLEHANR.Q	13
PHEAT-7082	proteomics_heat	3591900	3591950	-	4	4	R.EMTVIENLLVAQHQLK.T	21
PHEAT-7083	proteomics_heat	3591993	3592034	-	4	6	R.DQHLEGLPGQIAR.M	18
PHEAT-7084	proteomics_heat	3592035	3592097	-	4	3	K.TTVFNCLTGFYKPTGGTILLR.D	25
PHEAT-7085	proteomics_heat	3592098	3592187	-	4	13	R.FGGLLAVNNVNLELYPQEIVSLIGPNGAGK.T	34
PHEAT-7086	proteomics_heat	3592188	3592226	-	4	2	M.SQPLLSVNGLMR.F	17
PHEAT-7087	proteomics_heat	3592598	3592636	-	6	3	R.AWEALREDEIACR.S	17
PHEAT-7088	proteomics_heat	3594477	3594533	-	4	23	K.GDFGVFQWHADGSSTA.K.-	23
PHEAT-7089	proteomics_heat	3594534	3594593	-	4	7	K.ANGANTVIGPLNWDEKGLK.G	24
PHEAT-7090	proteomics_heat	3594546	3594593	-	4	4	K.ANGANTVIGPLNWDEK.G	20
PHEAT-7091	proteomics_heat	3594603	3594635	-	4	2	R.TGSDEPLALVK.D	15
PHEAT-7092	proteomics_heat	3594636	3594671	-	4	2	Y.AAVQSLATALER.T	16
PHEAT-7093	proteomics_heat	3594636	3594704	-	4	86	K.DPSGPYVWITYAAVQSLATALER.T	27
PHEAT-7094	proteomics_heat	3594636	3594707	-	4	26	K.KDPSGPYVWITYAAVQSLATALER.T	28
PHEAT-7095	proteomics_heat	3594636	3594716	-	4	51	K.ADKKDPSPYVWITYAAVQSLATALER.T	31
PHEAT-7096	proteomics_heat	3594705	3594764	-	4	8	K.RYDQDPANQGIVDALKADK.D	24
PHEAT-7097	proteomics_heat	3594708	3594764	-	4	2	K.RYDQDPANQGIVDALKADK.K	23
PHEAT-7098	proteomics_heat	3594717	3594761	-	4	3	R.YDQDPANQGIVDALK.A	19
PHEAT-7099	proteomics_heat	3594717	3594764	-	4	9	K.RYDQDPANQGIVDALK.A	20
PHEAT-7100	proteomics_heat	3594765	3594857	-	4	20	K.TQFMGPEGVGNASLSNIAGDAAEGMLVTMPK.R	35
PHEAT-7101	proteomics_heat	3594882	3594941	-	4	8	K.ENIDFVYGGYYPENGQMLR.Q	24
PHEAT-7102	proteomics_heat	3594882	3594950	-	4	3	R.LKKENIDFVYGGYYPENGQMLR.Q	27
PHEAT-7103	proteomics_heat	3594951	3594974	-	4	2	K.DFSALIAR.L	12
PHEAT-7104	proteomics_heat	3594951	3595025	-	4	63	K.AANANVFFDGITAGEKDFSALIAR.L	29
PHEAT-7105	proteomics_heat	3594975	3595025	-	4	6	K.AANANVFFDGITAGEK.D	21
PHEAT-7106	proteomics_heat	3595047	3595094	-	4	5	R.IAIIHDKQQYGEGLAR.S	20
PHEAT-7107	proteomics_heat	3595095	3595124	-	4	8	K.YILETVKQR.I	14
PHEAT-7108	proteomics_heat	3595125	3595166	-	4	14	R.TAGLDSSQGPTAAK.Y	18
PHEAT-7109	proteomics_heat	3595188	3595301	-	4	5	K.YVIGHLCSSSTQPASDIYEDEGILMISPGATNPELTQR.G	42
PHEAT-7110	proteomics_heat	3595347	3595370	-	4	9	E.YDDACDPK.Q	12
PHEAT-7111	proteomics_heat	3595347	3595370	-	4	9	E.YDDACDPK.Q	12
PHEAT-7112	proteomics_heat	3595347	3595385	-	4	14	K.LVGVEYDDACDPK.Q	17

PHEAT-7113	proteomics_heat	3595347	3595394	-	4	2	K.GDKLVGVEYDDACDPK.Q	20
PHEAT-7114	proteomics_heat	3595347	3595406	-	4	3	K.GGIKGDKLVGVEYDDACDPK.Q	24
PHEAT-7115	proteomics_heat	3595407	3595433	-	4	3	R.QAIKDINAK.G	13
PHEAT-7116	proteomics_heat	3595434	3595502	-	4	12	K.VAVVGAMSGPIAQWGDMEFNGAR.Q	27
PHEAT-7117	proteomics_heat	3595434	3595535	-	4	2	A.ISHTAMADDIKVAVVGAMSGPIAQWGDMEFNGAR.Q	38
PHEAT-7118	proteomics_heat	3596581	3596637	-	5	63	K.GFEFGVFDWHANGTATDAK.-	23
PHEAT-7119	proteomics_heat	3596638	3596697	-	5	7	K.ANSVDTVMGPLTWDEKGD.LK.G	24
PHEAT-7120	proteomics_heat	3596650	3596697	-	5	18	K.ANSVDTVMGPLTWDEK.G	20
PHEAT-7121	proteomics_heat	3596707	3596769	-	5	7	Y.AALQSLQAGLNQSDDPAEIAK.Y	25
PHEAT-7122	proteomics_heat	3596707	3596805	-	5	16	K.QDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	37
PHEAT-7123	proteomics_heat	3596707	3596808	-	5	183	K.KQDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	38
PHEAT-7124	proteomics_heat	3596707	3596814	-	5	2	K.AKKQDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	40
PHEAT-7125	proteomics_heat	3596770	3596808	-	5	2	K.KQDPSGAFVWTTY.A	17
PHEAT-7126	proteomics_heat	3596815	3596862	-	5	14	K.NYDQVPANKPIVDAIK.A	20
PHEAT-7127	proteomics_heat	3596863	3596946	-	5	3	F.MGPEGVANVLSNIAGESAEGLLVTKPK.N	32
PHEAT-7128	proteomics_heat	3596863	3596955	-	5	243	K.TQFMGPEGVANVLSNIAGESAEGLLVTKPK.N	35
PHEAT-7129	proteomics_heat	3596980	3597039	-	5	17	K.ENIDFVYGGYHPEMGQILR.Q	24
PHEAT-7130	proteomics_heat	3596980	3597042	-	5	8	K.KENIDFVYGGYHPEMGQILR.Q	25
PHEAT-7131	proteomics_heat	3596980	3597048	-	5	2	R.LKKENIDFVYGGYHPEMGQILR.Q	27
PHEAT-7132	proteomics_heat	3597049	3597072	-	5	6	K.DFSTLVAR.L	12
PHEAT-7133	proteomics_heat	3597049	3597120	-	5	48	K.GNANVFFDGTAGEKDFSTLVAR.L	28
PHEAT-7134	proteomics_heat	3597049	3597123	-	5	64	K.KGNANVFFDGTAGEKDFSTLVAR.L	29
PHEAT-7135	proteomics_heat	3597073	3597120	-	5	2	K.GNANVFFDGTAGEK.D	20
PHEAT-7136	proteomics_heat	3597073	3597123	-	5	27	K.KGNANVFFDGTAGEK.D	21
PHEAT-7137	proteomics_heat	3597145	3597192	-	5	11	R.IAIVHDKQQYGEGLAR.A	20
PHEAT-7138	proteomics_heat	3597223	3597264	-	5	34	R.TTGLDSDQGPTAAK.Y	18
PHEAT-7139	proteomics_heat	3597265	3597285	-	5	3	R.GYQLILR.T	11
PHEAT-7140	proteomics_heat	3597286	3597384	-	5	6	H.LCSSSTQPASDIYEDEGILMITPAATAPELTAR.G	37
PHEAT-7141	proteomics_heat	3597286	3597399	-	5	21	K.YVIGHLCSSSTQPASDIYEDEGILMITPAATAPELTAR.G	42
PHEAT-7142	proteomics_heat	3597445	3597468	-	5	9	E.YDDACDPK.Q	12
PHEAT-7143	proteomics_heat	3597445	3597468	-	5	9	E.YDDACDPK.Q	12
PHEAT-7144	proteomics_heat	3597505	3597579	-	5	2	M.SGPVAQYGDQEFTGAEQAVADINAK.G	29
PHEAT-7145	proteomics_heat	3597505	3597591	-	5	3	V.VGAMSGPVAQYGDQEFTGAEQAVADINAK.G	33
PHEAT-7146	proteomics_heat	3597505	3597600	-	5	82	K.VAVVGAMSGPVAQYGDQEFTGAEQAVADINAK.G	36
PHEAT-7147	proteomics_heat	3598030	3598077	-	5	2	R.WLDEDNKSTLQELADR.Y	20
PHEAT-7148	proteomics_heat	3599573	3599650	-	6	7	R.NWSGFGGALDMLEENPLPAVAVVIPK.L	30
PHEAT-7149	proteomics_heat	3599907	3599996	-	4	4	R.EILAKTGKSQNQRFRQTGALCLPRRIAGSE.K	34
PHEAT-7150	proteomics_heat	3600105	3600152	-	4	4	R.MLTLSDGHLHGGVVGHE.-	20
PHEAT-7151	proteomics_heat	3600237	3600320	-	4	6	R.AVVNKPAVLLADEPTGNLDDALSEGILR.L	32
PHEAT-7152	proteomics_heat	3600336	3600374	-	4	2	K.NFPIQLSGGEQQR.V	17
PHEAT-7153	proteomics_heat	3600648	3600725	-	4	8	R.QALQGVTFHMQPGEMAFLTGHSAGK.S	30
PHEAT-7154	proteomics_heat	3600926	3600970	-	6	5	K.LFHEAVGLTGITLTK.L	19
PHEAT-7155	proteomics_heat	3600971	3601051	-	6	3	K.KLDVEAPHEVMLTIDASTGQNAVSAK.L	31
PHEAT-7156	proteomics_heat	3601151	3601228	-	6	6	R.NNIPVIAQHTGADSASVIFDAIQAAK.A	30
PHEAT-7157	proteomics_heat	3601229	3601267	-	6	2	R.AAAVEQLQVWGQR.N	17
PHEAT-7158	proteomics_heat	3601394	3601423	-	6	3	K.VDEPLNVEGK.A	14

PHEAT-7159	proteomics_heat	3601424	3601480	-	6	18	R.DAEALYGLLKEEMGEILAK.V	23
PHEAT-7160	proteomics_heat	3601493	3601528	-	6	4	R.KIITNLTEGASR.K	16
PHEAT-7161	proteomics_heat	3601529	3601600	-	6	2	K.IDDDLFEELQQLLIADVGVETTR.K	28
PHEAT-7162	proteomics_heat	3601529	3601603	-	6	5	K.KIDDDLFEELQQLLIADVGVETTR.K	29
PHEAT-7163	proteomics_heat	3601610	3601651	-	6	8	K.TKENLGSGFISLFR.G	18
PHEAT-7164	proteomics_heat	3601940	3602017	-	6	10	K.AQPEAEVVAQPEPVVEETPEPVAIER.E	30
PHEAT-7165	proteomics_heat	3602018	3602128	-	6	4	K.ASEQAVEEQQAHTAEAEETFAADVVEVTEQVAESEK.A	41
PHEAT-7166	proteomics_heat	3603328	3603369	-	5	2	R.LDAQQYHALTVGDK.G	18
PHEAT-7167	proteomics_heat	3603511	3603543	-	5	2	K.ADNDMAPLQQK.L	15
PHEAT-7168	proteomics_heat	3606870	3606926	-	4	2	R.NMQPGETLLIADDPATTR.D	23
PHEAT-7169	proteomics_heat	3606966	3607016	-	4	3	M.TDLFSPDHTLDALGLR.C	21
PHEAT-7170	proteomics_heat	3626401	3626436	-	5	2	R.LFHIPEAEIPAR.V	16
PHEAT-7171	proteomics_heat	3626722	3626790	-	5	2	R.QAHQAVVIPPYQPENAEIAIEAR.D	27
PHEAT-7172	proteomics_heat	3627013	3627060	-	5	3	E.LLILDEPTTGVDPLSR.S	20
PHEAT-7173	proteomics_heat	3627013	3627096	-	5	3	K.LGLCCALIHDPPELLILDEPTTGVDPLSR.S	32
PHEAT-7174	proteomics_heat	3627612	3627641	-	4	2	K.TGLPGVAWVR.V	14
PHEAT-7175	proteomics_heat	3627642	3627683	-	4	2	R.IPELLQQHLEYVK.T	18
PHEAT-7176	proteomics_heat	3627738	3627788	-	4	4	R.IPATISFVASVAQFTPK.T	21
PHEAT-7177	proteomics_heat	3627837	3627911	-	4	6	R.VLNMVDLSDVYMTFFLPTEQAGTLK.L	29
PHEAT-7178	proteomics_heat	3627912	3627950	-	4	2	R.VAEPGEVLAAGGR.V	17
PHEAT-7179	proteomics_heat	3627972	3628013	-	4	2	R.IAADIDDSELKAPR.D	18
PHEAT-7180	proteomics_heat	3628251	3628277	-	4	3	R.AAQLSVNQR.Q	13
PHEAT-7181	proteomics_heat	3628434	3628454	-	4	2	R.IDTILVK.E	11
PHEAT-7182	proteomics_heat	3628467	3628499	-	4	2	R.IEATEVDIASK.I	15
PHEAT-7183	proteomics_heat	3634759	3634869	-	5	2	R.AGLVPFTLHKPLLEELQVLGVAVPSVITAENGTVFR.E	41
PHEAT-7184	proteomics_heat	3641166	3641216	-	4	7	R.GREPQLDAMLEHYGIK.-	21
PHEAT-7185	proteomics_heat	3641169	3641216	-	4	5	R.GREPQLDAMLEHYGIK.G	20
PHEAT-7186	proteomics_heat	3641259	3641297	-	4	2	R.ETGQSFLDNILSR.G	17
PHEAT-7187	proteomics_heat	3641460	3641489	-	4	3	K.ILETLAEIKK.L	14
PHEAT-7188	proteomics_heat	3641490	3641525	-	4	2	R.LHAEFRPDQGAQ.I	16
PHEAT-7189	proteomics_heat	3641526	3641555	-	4	2	R.QLEFGLFDFR.L	14
PHEAT-7190	proteomics_heat	3641556	3641585	-	4	2	K.NYQAALFILR.Q	14
PHEAT-7191	proteomics_heat	3641841	3641909	-	4	2	K.ADGSLQKPVAYLTCNFRPVNGK.P	27
PHEAT-7192	proteomics_heat	3641871	3641912	-	4	2	R.KADGSLQKPVAYLT.C	18
PHEAT-7193	proteomics_heat	3642123	3642179	-	4	3	K.QHLYSISDEQLRPYFPENK.A	23
PHEAT-7194	proteomics_heat	3642186	3642242	-	4	2	K.AEFGVDELQPWDIAYYSEK.Q	23
PHEAT-7195	proteomics_heat	3642297	3642347	-	4	16	K.MAENPQQVLDFLTDLAK.R	21
PHEAT-7196	proteomics_heat	3642363	3642407	-	4	17	R.HELAAQLLGFENYAFK.S	19
PHEAT-7197	proteomics_heat	3642408	3642434	-	4	2	K.VMEEILALR.H	13
PHEAT-7198	proteomics_heat	3642510	3642590	-	4	3	K.ELEGYLLTLDIPSYLPVMTYCDNQALR.E	31
PHEAT-7199	proteomics_heat	3642609	3642668	-	4	5	K.LVTDEAELAGMPESALAAK.A	24
PHEAT-7200	proteomics_heat	3642669	3642731	-	4	3	R.LSELGNQYSNNVLDATMGWTK.L	25
PHEAT-7201	proteomics_heat	3642732	3642752	-	4	2	R.YGEIATR.L	11
PHEAT-7202	proteomics_heat	3642744	3642824	-	4	2	K.KAVDNALRDFELSGIGLPKEKQQRIGE.I	31
PHEAT-7203	proteomics_heat	3642768	3642800	-	4	2	R.DFELSGIGLPK.E	15
PHEAT-7204	proteomics_heat	3642768	3642821	-	4	2	K.AVDNALRDFELSGIGLPK.E	22

PHEAT-7205	proteomics_heat	3642768	3642824	-	4	3	K.KAVDNALRDFELSGIGLPK.E	23
PHEAT-7206	proteomics_heat	3642801	3642824	-	4	2	K.KAVDNALR.D	12
PHEAT-7207	proteomics_heat	3642822	3642863	-	4	5	R.DGDHYATLNTAQKK.A	18
PHEAT-7208	proteomics_heat	3642825	3642863	-	4	2	R.DGDHYATLNTAQK.K	17
PHEAT-7209	proteomics_heat	3642825	3642872	-	4	4	R.DLRDGDHYATLNTAQK.K	20
PHEAT-7210	proteomics_heat	3642882	3642956	-	4	9	R.EAYEQLPLLSEYSTWVGQHEGLYK.A	29
PHEAT-7211	proteomics_heat	3642975	3643010	-	4	6	R.IFSPVSHLNSVK.N	16
PHEAT-7212	proteomics_heat	3643011	3643088	-	4	11	R.VVAQGAPYTWENLCQPLAEVDDVLGR.I	30
PHEAT-7213	proteomics_heat	3643122	3643157	-	4	7	K.ILPEHVVPVTK.A	16
PHEAT-7214	proteomics_heat	3643158	3643202	-	4	6	M.TNPLLPFELPPFSK.I	19
PHEAT-7215	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7216	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7217	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7218	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7219	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7220	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7221	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7222	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7223	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7224	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7225	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7226	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7227	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7228	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7229	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7230	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7231	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7232	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7233	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7234	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7235	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7236	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7237	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7238	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7239	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7240	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7241	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7242	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7243	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7244	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7245	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7246	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7247	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7248	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7249	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7250	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18

PHEAT-7251	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7252	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7253	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7254	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7255	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7256	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7257	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7258	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7259	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7260	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7261	proteomics_heat	3654070	3654120	-	5	10	K.GGDTVTLNETDLTQIPK.V	21
PHEAT-7262	proteomics_heat	3654121	3654171	-	5	20	K.AMTPVAWWMLEETVYK.G	21
PHEAT-7263	proteomics_heat	3654172	3654210	-	5	14	K.DMTCQEFIDLNPK.A	17
PHEAT-7264	proteomics_heat	3654449	3654469	-	6	2	K.VKGEWDK.I	11
PHEAT-7265	proteomics_heat	3654491	3654574	-	6	69	K.DKPEDAVLDVQGIATVTPAIVQACTQDK.Q	32
PHEAT-7266	proteomics_heat	3654503	3654574	-	6	3	K.DKPEDAVLDVQGIATVTPAIVQAC.T	28
PHEAT-7267	proteomics_heat	3654575	3654670	-	6	20	K.KPVNSWTCEDFLAVDESFPQPTAVGFAEALNNK.D	36
PHEAT-7268	proteomics_heat	3654575	3654685	-	6	24	K.AADNKKPVNSWTCEDFLAVDESFPQPTAVGFAEALNNK.D	41
PHEAT-7269	proteomics_heat	3664212	3664244	-	4	4	K.LQGIAQQNSFK.H	15
PHEAT-7270	proteomics_heat	3664212	3664244	-	4	4	K.LQGIAQQNSFK.H	15
PHEAT-7271	proteomics_heat	3664278	3664322	-	4	2	R.GFEMDFAELLEDYK.A	19
PHEAT-7272	proteomics_heat	3664278	3664322	-	4	2	R.GFEMDFAELLEDYK.A	19
PHEAT-7273	proteomics_heat	3664278	3664325	-	4	18	R.RGFEMDFAELLEDYK.A	20
PHEAT-7274	proteomics_heat	3664278	3664325	-	4	18	R.RGFEMDFAELLEDYK.A	20
PHEAT-7275	proteomics_heat	3664338	3664397	-	4	10	R.GWQVPAFTLGGEATDIVVMR.I	24
PHEAT-7276	proteomics_heat	3664338	3664397	-	4	10	R.GWQVPAFTLGGEATDIVVMR.I	24
PHEAT-7277	proteomics_heat	3664410	3664454	-	4	2	K.DGEDPGYTLYDLSER.L	19
PHEAT-7278	proteomics_heat	3664410	3664454	-	4	2	K.DGEDPGYTLYDLSER.L	19
PHEAT-7279	proteomics_heat	3664410	3664460	-	4	5	K.LKDGEDPGYTLYDLSER.L	21
PHEAT-7280	proteomics_heat	3664410	3664460	-	4	5	K.LKDGEDPGYTLYDLSER.L	21
PHEAT-7281	proteomics_heat	3664461	3664526	-	4	5	K.LGPYEFICTGRPDEGIPAVCFK.L	26
PHEAT-7282	proteomics_heat	3664461	3664526	-	4	5	K.LGPYEFICTGRPDEGIPAVCFK.L	26
PHEAT-7283	proteomics_heat	3664527	3664580	-	4	12	K.VQNASYQVAAYLADEIAK.L	22
PHEAT-7284	proteomics_heat	3664527	3664580	-	4	12	K.VQNASYQVAAYLADEIAK.L	22
PHEAT-7285	proteomics_heat	3664605	3664646	-	4	4	R.PAGQVIAQYYEFLR.L	18
PHEAT-7286	proteomics_heat	3664605	3664646	-	4	4	R.PAGQVIAQYYEFLR.L	18
PHEAT-7287	proteomics_heat	3664917	3665024	-	4	2	R.MIEACDENTIGVVPTFGVITYTGNYEFPQPLHDALDK.F	40
PHEAT-7288	proteomics_heat	3664917	3665024	-	4	2	R.MIEACDENTIGVVPTFGVITYTGNYEFPQPLHDALDK.F	40
PHEAT-7289	proteomics_heat	3665070	3665090	-	4	3	R.YWDVELR.E	11
PHEAT-7290	proteomics_heat	3665070	3665090	-	4	3	R.YWDVELR.E	11
PHEAT-7291	proteomics_heat	3665100	3665144	-	4	2	D.KPNLVCGPVQICWHK.F	19
PHEAT-7292	proteomics_heat	3665100	3665144	-	4	2	D.KPNLVCGPVQICWHK.F	19
PHEAT-7293	proteomics_heat	3665100	3665171	-	4	9	R.MEAAGKPTDKPNLVCGPVQICWHK.F	28
PHEAT-7294	proteomics_heat	3665100	3665171	-	4	9	R.MEAAGKPTDKPNLVCGPVQICWHK.F	28
PHEAT-7295	proteomics_heat	3665190	3665261	-	4	2	K.NGQAVGTNTIGSSEACMLGGMAMK.W	28
PHEAT-7296	proteomics_heat	3665190	3665261	-	4	2	K.NGQAVGTNTIGSSEACMLGGMAMK.W	28

PHEAT-7297	proteomics_heat	3665262	3665306	-	4	4	R.CVNMVADLWHAPAPK.N	19
PHEAT-7298	proteomics_heat	3665262	3665306	-	4	4	R.CVNMVADLWHAPAPK.N	19
PHEAT-7299	proteomics_heat	3665307	3665357	-	4	4	K.NWIDKEEYPQSAIDL.R.C	21
PHEAT-7300	proteomics_heat	3665307	3665357	-	4	4	K.NWIDKEEYPQSAIDL.R.C	21
PHEAT-7301	proteomics_heat	3665433	3665489	-	4	3	R.DDVAFQIINDELYLDGNAR.Q	23
PHEAT-7302	proteomics_heat	3665433	3665489	-	4	3	R.DDVAFQIINDELYLDGNAR.Q	23
PHEAT-7303	proteomics_heat	3667065	3667106	-	4	2	K.QADVQASAVSENNK.V	18
PHEAT-7304	proteomics_heat	3678896	3678964	-	6	2	R.AQCAINIESPNDKLNLSNLNLVAR.E	27
PHEAT-7305	proteomics_heat	3679352	3679420	-	6	4	R.LKGSTLLGHDPADPLKQPVEAEK.I	27
PHEAT-7306	proteomics_heat	3699890	3699949	-	6	2	K.DYGGQLVACFAVDQDENPQR.-	24
PHEAT-7307	proteomics_heat	3699998	3700057	-	6	2	K.LSGELPSPLNPPPGCAFNR.C	24
PHEAT-7308	proteomics_heat	3700091	3700129	-	6	7	R.HPYTQALLSATPR.L	17
PHEAT-7309	proteomics_heat	3700130	3700162	-	6	2	K.GTKDQIFNNPR.H	15
PHEAT-7310	proteomics_heat	3700301	3700369	-	6	4	R.GLMLDPDVVIADPEVVSALDVSVR.A	27
PHEAT-7311	proteomics_heat	3700301	3700402	-	6	2	S.GGQRQRIAIARGLMLDPDVVIADPEVVSALDVSVR.A	38
PHEAT-7312	proteomics_heat	3700547	3700591	-	6	4	K.IQIVFQNPYGS LNPR.K	19
PHEAT-7313	proteomics_heat	3700709	3700744	-	6	2	K.TLAVVGESGCGK.S	16
PHEAT-7314	proteomics_heat	3700939	3700977	-	5	2	R.AEEPALNMLADGR.Q	17
PHEAT-7315	proteomics_heat	3700939	3700983	-	5	2	R.CRAEEPALNMLADGR.Q	19
PHEAT-7316	proteomics_heat	3701005	3701040	-	5	3	K.YDRPNGCLLNPR.C	16
PHEAT-7317	proteomics_heat	3701074	3701106	-	5	2	R.ALPEFAQDKER.L	15
PHEAT-7318	proteomics_heat	3701389	3701433	-	5	3	R.LDVYPHQLSGGMSQR.V	19
PHEAT-7319	proteomics_heat	3701434	3701481	-	5	3	R.AIDLLNQVGIPDPASR.L	20
PHEAT-7320	proteomics_heat	3701734	3701778	-	5	2	K.QGEVVGIVGESGSGK.S	19
PHEAT-7321	proteomics_heat	3702194	3702214	-	6	2	R.DYVTASR.V	11
PHEAT-7322	proteomics_heat	3704151	3704177	-	4	7	K.GYVVDPLGK.H	13
PHEAT-7323	proteomics_heat	3704187	3704264	-	4	33	K.QAQVVMHDQAPALIAHSTVFEPVRK.E	30
PHEAT-7324	proteomics_heat	3704190	3704264	-	4	12	K.QAQVVMHDQAPALIAHSTVFEPVRK	29
PHEAT-7325	proteomics_heat	3704214	3704264	-	4	2	K.QAQVVMHDQAPALIAH.S	21
PHEAT-7326	proteomics_heat	3704304	3704345	-	4	13	K.WCYKPFEDLIQPAR.A	18
PHEAT-7327	proteomics_heat	3704346	3704438	-	4	2	M.MGWTGDNGDPDNFFATLFS CAASEQGSNYSK.W	35
PHEAT-7328	proteomics_heat	3704469	3704504	-	4	7	K.IVYEWGEYLK.R.A	16
PHEAT-7329	proteomics_heat	3704472	3704504	-	4	3	K.IVYEWGEYLK.R	15
PHEAT-7330	proteomics_heat	3704523	3704555	-	4	8	R.MAEMIQADWAK.V	15
PHEAT-7331	proteomics_heat	3704523	3704558	-	4	4	R.RMAEMIQADWAK.V	16
PHEAT-7332	proteomics_heat	3704559	3704618	-	4	3	K.GFSIDLWAMPVQRPYNPNAR.R	24
PHEAT-7333	proteomics_heat	3704655	3704684	-	4	2	D.VQDYTYDPEK.A	14
PHEAT-7334	proteomics_heat	3704655	3704723	-	4	4	K.NLIPPTMWGYNDVQDYTYDPEK.A	27
PHEAT-7335	proteomics_heat	3704724	3704756	-	4	8	K.AVYQGAGVSAK.N	15
PHEAT-7336	proteomics_heat	3704757	3704798	-	4	2	R.QALTYAVNKDAI.K.A	18
PHEAT-7337	proteomics_heat	3704772	3704798	-	4	3	R.QALTYAVNK.D	13
PHEAT-7338	proteomics_heat	3704805	3704825	-	4	5	K.KPLDDVK.V	11
PHEAT-7339	proteomics_heat	3704826	3704888	-	4	16	K.SINLMEMPGLNVGYLSY NVQK.K	25
PHEAT-7340	proteomics_heat	3704904	3704951	-	4	7	K.NECQVMPYPNPADIAR.M	20
PHEAT-7341	proteomics_heat	3704904	3704960	-	4	2	K.LQKNECQVMPYPNPADIAR.M	23
PHEAT-7342	proteomics_heat	3704970	3705047	-	4	36	K.AFDGYWGTPQIDTLVFSITPDASVR.Y	30



PHEAT-7343	proteomics_heat	3705069	3705122	-	4	8	K.LDLNPIGTGPFQLQQYQK.D	22
PHEAT-7344	proteomics_heat	3705069	3705140	-	4	24	K.AGTPEKLDLNPITGPFQLQQYQK.D	28
PHEAT-7345	proteomics_heat	3705141	3705164	-	4	3	K.EYADAMMK.A	12
PHEAT-7346	proteomics_heat	3705165	3705233	-	4	11	F.VLTRPEAPFLADLAMDFASILSK.E	27
PHEAT-7347	proteomics_heat	3705165	3705257	-	4	14	K.VDDNTVQFVLTRPEAPFLADLAMDFASILSK.E	35
PHEAT-7348	proteomics_heat	3705165	3705260	-	4	25	K.KVDDNTVQFVLTRPEAPFLADLAMDFASILSK.E	36
PHEAT-7349	proteomics_heat	3705198	3705260	-	4	3	K.KVDDNTVQFVLTRPEAPFLAD.L	25
PHEAT-7350	proteomics_heat	3705258	3705326	-	4	2	K.VSGGSYEYFEGMGLPELISEVKK.V	27
PHEAT-7351	proteomics_heat	3705261	3705326	-	4	18	K.VSGGSYEYFEGMGLPELISEVK.K	26
PHEAT-7352	proteomics_heat	3705357	3705395	-	4	14	R.ELNADDVVFSDR.Q	17
PHEAT-7353	proteomics_heat	3705462	3705485	-	4	3	K.WEVSEDGK.T	12
PHEAT-7354	proteomics_heat	3705462	3705524	-	4	6	K.IGTTEVIPGLAEKWEVSEDGK.T	25
PHEAT-7355	proteomics_heat	3705486	3705524	-	4	8	K.IGTTEVIPGLAEK.W	17
PHEAT-7356	proteomics_heat	3705540	3705590	-	4	3	L.FTSGTTYDASSVPLYNR.L	21
PHEAT-7357	proteomics_heat	3705540	3705641	-	4	3	K.TLVYCSEGSPEGFNPQLFTSGTTYDASSVPLYNR.L	38
PHEAT-7358	proteomics_heat	3705540	3705644	-	4	4	A.KTLVYCSEGSPEGFNPQLFTSGTTYDASSVPLYNR.L	39
PHEAT-7359	proteomics_heat	3716360	3716431	-	6	11	K.LIAPLPAQHQA FNQAWTTAVTATQ.-	28
PHEAT-7360	proteomics_heat	3716603	3716647	-	6	4	K.QSDDLKPVFDQAFTK.V	19
PHEAT-7361	proteomics_heat	3716648	3716680	-	6	11	K.LQADAAHSALK.Q	15
PHEAT-7362	proteomics_heat	3716681	3716731	-	6	6	R.EMNGSLGVLAQQLQNAK.L	21
PHEAT-7363	proteomics_heat	3716732	3716770	-	6	3	R.VPQDYVTQSGPLR.E	17
PHEAT-7364	proteomics_heat	3716771	3716884	-	6	8	K.QFGPFVSDYAILYGYSQQVNQAMDSGLRPVDSVNAIR.V	42
PHEAT-7365	proteomics_heat	3716801	3716884	-	6	3	K.QFGPFVSDYAILYGYSQQVNQAMDSGLR.P	32
PHEAT-7366	proteomics_heat	3716885	3716926	-	6	2	R.SGERLPTLTADQKK.Q	18
PHEAT-7367	proteomics_heat	3716927	3716965	-	6	5	R.KAFIDFLQNTVMR.S	17
PHEAT-7368	proteomics_heat	3720459	3720521	-	4	10	R.YQDALVELAELREPVDAFFDK.V	25
PHEAT-7369	proteomics_heat	3720522	3720554	-	4	2	R.DKLEPYFTEGR.Y	15
PHEAT-7370	proteomics_heat	3720555	3720620	-	4	5	R.VNASTLKEPEEIKLAMQVVVLR.D	26
PHEAT-7371	proteomics_heat	3720582	3720620	-	4	10	R.VNASTLKEPEEIK.L	17
PHEAT-7372	proteomics_heat	3720582	3720644	-	4	2	K.SDEVLSDRVNASTLKEPEEIK.L	25
PHEAT-7373	proteomics_heat	3720666	3720707	-	4	3	R.TLDAAAALAAANKR.V	18
PHEAT-7374	proteomics_heat	3720765	3720821	-	4	9	R.AWYQDEGYTVDTIQAVLAR.R	23
PHEAT-7375	proteomics_heat	3720828	3720878	-	4	59	K.LTNANVVDDVIDFMLGR.F	21
PHEAT-7376	proteomics_heat	3720828	3720893	-	4	29	R.LYGDKLTNANVVDDVIDFMLGR.F	26
PHEAT-7377	proteomics_heat	3720894	3720938	-	4	7	K.NLNLDLQTLTEEAVR.L	19
PHEAT-7378	proteomics_heat	3721005	3721049	-	4	8	K.MDTLAGIFGIGQHPK.G	19
PHEAT-7379	proteomics_heat	3721005	3721109	-	4	14	R.FAGDDLPSNPVACALAIADKMDTLGIFGIGQHPK.G	39
PHEAT-7380	proteomics_heat	3721050	3721109	-	4	9	R.FAGDDLPSNPVACALAIADK.M	24
PHEAT-7381	proteomics_heat	3721110	3721166	-	4	8	R.HDGEAEDVAVALNEQYQPR.F	23
PHEAT-7382	proteomics_heat	3721167	3721238	-	4	3	K.CDLMTNMVFEFTDTQGVGMGMHYAR.H	28
PHEAT-7383	proteomics_heat	3721257	3721319	-	4	5	R.IQALAGWIAEQIGADVNHATR.A	25
PHEAT-7384	proteomics_heat	3721335	3721376	-	4	15	R.LQTVLFFQQQLGTLR.D	18
PHEAT-7385	proteomics_heat	3721377	3721400	-	4	7	K.RLEDNLPR.L	12
PHEAT-7386	proteomics_heat	3721404	3721442	-	4	2	R.LADAEFFNTDRK.K	17
PHEAT-7387	proteomics_heat	3721407	3721442	-	4	4	R.LADAEFFNTDR.K	16
PHEAT-7388	proteomics_heat	3721458	3721487	-	4	2	D.PQQIISGNEK.V	14

PHEAT-7389	proteomics_heat	3721458	3721490	-	4	5	K.DPQQIISGNEK.V	15
PHEAT-7390	proteomics_heat	3721458	3721532	-	4	30	K.LLPNFIFVANIESKDPQQIISGNEK.V	29
PHEAT-7391	proteomics_heat	3721533	3721562	-	4	2	K.YFPVYANDGK.L	14
PHEAT-7392	proteomics_heat	3721575	3721616	-	4	3	K.FLAVPAEALVYTMK.G	18
PHEAT-7393	proteomics_heat	3721629	3721712	-	4	4	K.IGGNADLSESLLEEVAASLVEWPVVLTA.K	32
PHEAT-7394	proteomics_heat	3721713	3721745	-	4	2	K.IKADAEAAARK.I	15
PHEAT-7395	proteomics_heat	3721716	3721745	-	4	9	K.IKADAEAAAR.K	14
PHEAT-7396	proteomics_heat	3721755	3721778	-	4	4	K.VIADYEER.K	12
PHEAT-7397	proteomics_heat	3721791	3721850	-	4	3	R.FMGEPEFTIDNADQYPEILR.E	24
PHEAT-7398	proteomics_heat	3721869	3721907	-	4	5	K.VIPATILGIQSDR.V	17
PHEAT-7399	proteomics_heat	3721908	3721973	-	4	6	R.WGASDVHFVRPVHTVTLGLGDK.V	26
PHEAT-7400	proteomics_heat	3721998	3722051	-	4	6	K.GESTEALLPNMVATSLAK.L	22
PHEAT-7401	proteomics_heat	3721998	3722063	-	4	4	R.AHVKGESTEALLPNMVATSLAK.L	26
PHEAT-7402	proteomics_heat	3722100	3722132	-	4	5	R.GCGITVDQAER.L	15
PHEAT-7403	proteomics_heat	3722154	3722201	-	4	7	R.GPAIAQAFDAEGKPSK.A	20
PHEAT-7404	proteomics_heat	3722154	3722204	-	4	2	K.RGPAIAQAFDAEGKPSK.A	21
PHEAT-7405	proteomics_heat	3722202	3722249	-	4	2	K.VANLAEQPDREIEK.R	20
PHEAT-7406	proteomics_heat	3722205	3722249	-	4	5	K.VANLAEQPDREIEK.R	19
PHEAT-7407	proteomics_heat	3722217	3722249	-	4	3	K.VANLAEQPDREIEK.R	15
PHEAT-7408	proteomics_heat	3722265	3722357	-	4	28	R.SLAESFAANFTAELDNAGLAHGTQVWFAAPR.R	35
PHEAT-7409	proteomics_heat	3722367	3722408	-	4	2	K.TFLVEIGTEELPPK.A	18
PHEAT-7410	proteomics_heat	3722469	3722498	-	4	3	K.AVAEAYYASR.E	14
PHEAT-7411	proteomics_heat	3722559	3722591	-	4	6	K.AAHSFNLLDAR.K	15
PHEAT-7412	proteomics_heat	3722601	3722657	-	4	7	K.EAQQLLALLENPLPLPAYER.I	23
PHEAT-7413	proteomics_heat	3722997	3723032	-	4	3	K.ELGMDPTIHDR.F	16
PHEAT-7414	proteomics_heat	3723033	3723113	-	4	23	R.LQHYYQFQVVIKPSPDNIQELYLGLSK.E	31
PHEAT-7415	proteomics_heat	3723153	3723179	-	4	2	M.AAAYVQPSR.R	13
PHEAT-7416	proteomics_heat	3723153	3723200	-	4	7	R.ELGPEPMAAAYVQPSR.R	20
PHEAT-7417	proteomics_heat	3723201	3723254	-	4	2	Q.PLDMEVGAGTSHPMTCR.E	22
PHEAT-7418	proteomics_heat	3723201	3723275	-	4	8	R.QGCTIVQPLDMEVGAGTSHPMTCR.E	29
PHEAT-7419	proteomics_heat	3723276	3723320	-	4	18	R.TFQGLILTLQDYWAR.Q	19
PHEAT-7420	proteomics_heat	3739941	3739991	-	4	3	R.NTITELPAMFDELAHIR.E	21
PHEAT-7421	proteomics_heat	3740388	3740471	-	4	2	R.GLMLEILSNYPNGCPLAHLSELAGLNK.S	32
PHEAT-7422	proteomics_heat	3756166	3756210	-	5	8	R.DLDQECGSTCAADFR.D	19
PHEAT-7423	proteomics_heat	3756394	3756432	-	5	3	K.AGFSEEQAIWQK.A	17
PHEAT-7424	proteomics_heat	3756493	3756543	-	5	11	R.MALPMEDEALVLLIEK.M	21
PHEAT-7425	proteomics_heat	3756631	3756699	-	5	2	R.ELLQQPGYIQAGYSLLNAPVAAR.W	27
PHEAT-7426	proteomics_heat	3756760	3756801	-	5	3	R.AQSDADALSVHLER.G	18
PHEAT-7427	proteomics_heat	3756925	3756996	-	5	9	R.VSLLLEDNLAELVFDTPWLADNDR.L	28
PHEAT-7428	proteomics_heat	3757129	3757176	-	5	4	R.IALNIAGDAEKEQINR.G	20
PHEAT-7429	proteomics_heat	3757177	3757227	-	5	11	R.ALHAQNQPTETANAGQR.I	21
PHEAT-7430	proteomics_heat	3757606	3757695	-	5	5	K.FLSNMLAGVGGIDHALLLVACDDGVMQTR.E	34
PHEAT-7431	proteomics_heat	3757732	3757782	-	5	2	R.GMTIDLGYAYWPQPDGR.V	21
PHEAT-7432	proteomics_heat	3757789	3757845	-	5	4	K.TTLLQAITGVNADRLPEEK.K	23
PHEAT-7433	proteomics_heat	3757992	3758021	-	4	3	R.GSHLESLAAR.W	14
PHEAT-7434	proteomics_heat	3758208	3758255	-	4	2	R.LYLHPEALSEKLPTLR.L	20

PHEAT-7435	proteomics_heat	3758451	3758525	-	4	3	K.ELDVPVVDLGGSLVDLSQYGLPK.E	29
PHEAT-7436	proteomics_heat	3758658	3758699	-	4	3	R.QAGCTLHEVGTTNR.T	18
PHEAT-7437	proteomics_heat	3758769	3758852	-	4	7	R.ITGAEDACIVNNNAAVLLMLAATASGK.E	32
PHEAT-7438	proteomics_heat	3758982	3759050	-	4	5	K.EAQSALRPVINLTGTVLHTNLGR.A	27
PHEAT-7439	proteomics_heat	3759652	3759705	-	5	2	R.KIEALADGIMDAGLVSVR.E	22
PHEAT-7440	proteomics_heat	3779767	3779859	-	5	2	R.IVGKPDSDKPSMDMDQHFNGINHTEFYGDGI.-	35
PHEAT-7441	proteomics_heat	3779860	3779928	-	5	8	K.IGAGSVVLQVPPHTTAAGVPAR.I	27
PHEAT-7442	proteomics_heat	3779860	3779961	-	5	2	I.LGNIEVGRGAKIGAGSVVLQVPPHTTAAGVPAR.I	38
PHEAT-7443	proteomics_heat	3779965	3780000	-	5	2	K.IREGVMIGAGAK.I	16
PHEAT-7444	proteomics_heat	3780268	3780318	-	5	3	R.TRDPAVDKYSTPLLYLK.G	21
PHEAT-7445	proteomics_heat	3780319	3780393	-	5	7	R.EVVEEAYAADPEMIASACDIQAVR.T	29
PHEAT-7446	proteomics_heat	3780430	3780474	-	5	10	K.HENLGSALSYMLANK.L	19
PHEAT-7447	proteomics_heat	3780475	3780531	-	5	3	R.TLADCEPMLASFYHATLLK.H	23
PHEAT-7448	proteomics_heat	3780544	3780582	-	5	3	M.SCEELEIVWNNIK.A	17
PHEAT-7449	proteomics_heat	3780731	3780787	-	6	6	R.FGVEMPIEIIYQVLYCGK.N	23
PHEAT-7450	proteomics_heat	3780848	3780898	-	6	3	R.FGMMLGQGMDVQSAQEK.I	21
PHEAT-7451	proteomics_heat	3780908	3781000	-	6	5	R.LGAALGADPATFMGMAGLGLDLVLTCTDNQSR.N	35
PHEAT-7452	proteomics_heat	3781100	3781150	-	6	3	R.VYSNPDFIGVQLGGAVK.N	21
PHEAT-7453	proteomics_heat	3781160	3781252	-	6	3	K.ELAAGLPTAISLASTDQTFADDLQQLLHCGK.S	35
PHEAT-7454	proteomics_heat	3781253	3781309	-	6	5	R.EALGDQIPLAVISGPTFAK.E	23
PHEAT-7455	proteomics_heat	3781406	3781453	-	6	5	R.NILVVVPSHVFGVLR.Q	20
PHEAT-7456	proteomics_heat	3781454	3781540	-	6	2	R.CNAAFLPDVFPDTHLHLESDLATALAASR.N	33
PHEAT-7457	proteomics_heat	3781538	3781606	-	6	12	R.NGHEVVLWGHDPHEIATLERDRC.N	27
PHEAT-7458	proteomics_heat	3781547	3781606	-	6	3	R.NGHEVVLWGHDPHEIATLER.D	24
PHEAT-7459	proteomics_heat	3781687	3781791	-	5	11	R.GTFPQLNLAPVNFDAFMNYLQQQAGEGTEEHQDA.-	39
PHEAT-7460	proteomics_heat	3781792	3781818	-	5	3	R.ECITSMVSR.G	13
PHEAT-7461	proteomics_heat	3781819	3781863	-	5	8	H.CLGAYCPNILFPYAR.E	19
PHEAT-7462	proteomics_heat	3781864	3781968	-	5	3	R.VTVTASLGEETAFLCEVQQGGIFSIAGIEGTQMAH.C	39
PHEAT-7463	proteomics_heat	3781969	3782028	-	5	7	K.LDLDTASSQLADDVYEVVLR.V	24
PHEAT-7464	proteomics_heat	3782050	3782094	-	5	8	K.DISFEAPNAPHVFQK.D	19
PHEAT-7465	proteomics_heat	3782062	3782094	-	5	2	K.DISFEAPNAPH.V	15
PHEAT-7466	proteomics_heat	3782241	3782315	-	4	9	R.TTVPQIFIDAQHIGGCCDDLALDAR.G	29
PHEAT-7467	proteomics_heat	3782343	3782390	-	4	2	K.GVSFQELPIDGNAAKR.E	20
PHEAT-7468	proteomics_heat	3782346	3782390	-	4	5	K.GVSFQELPIDGNAAK.R	19
PHEAT-7469	proteomics_heat	3782415	3782438	-	4	4	K.ETCPYCHR.A	12
PHEAT-7470	proteomics_heat	3782439	3782462	-	4	2	M.ANVEIYTK.E	12
PHEAT-7471	proteomics_heat	3782616	3782660	-	4	3	K.EGVAGWAGENLPLVR.G	19
PHEAT-7472	proteomics_heat	3782661	3782690	-	4	2	K.AGFAQVFLK.E	14
PHEAT-7473	proteomics_heat	3782691	3782759	-	4	4	K.DKPVIVVDGSGMQCQEPANALTK.A	27
PHEAT-7474	proteomics_heat	3782691	3782765	-	4	4	K.HKDKPVIVVDGSGMQCQEPANALTK.A	29
PHEAT-7475	proteomics_heat	3782793	3782837	-	4	15	K.GHIAGSINLLPSEIK.A	19
PHEAT-7476	proteomics_heat	3782859	3782897	-	4	8	R.LINKEDAVVVDLR.Q	17
PHEAT-7477	proteomics_heat	3788424	3788477	-	4	4	K.MAALIQSGLDLSPIITHR.F	22
PHEAT-7478	proteomics_heat	3788595	3788627	-	4	2	R.TMLDTMNHGGR.I	15
PHEAT-7479	proteomics_heat	3788967	3789044	-	4	2	R.NTIGVGVNRPGCFAEYLVIPAFNAFK.I	30
PHEAT-7480	proteomics_heat	3789084	3789116	-	4	2	R.VSGEGHITCGH.C	15

PHEAT-7481	proteomics_heat	3789276	3789350	-	4	3	K.LKAEEGIWMTDVPVPELGHNDLLIK.I	29
PHEAT-7482	proteomics_heat	3789429	3789470	-	4	2	R.TQMSAAHTPEQITR.A	18
PHEAT-7483	proteomics_heat	3789555	3789644	-	4	2	R.EQMSAAGFTLAGADHAIIPVMLGDAVVAQK.F	34
PHEAT-7484	proteomics_heat	3789714	3789773	-	4	4	R.SRPYLFSNSLAPAIVAASIK.V	24
PHEAT-7485	proteomics_heat	3790290	3790334	-	4	3	R.FICGTQDSHKELEQK.L	19
PHEAT-7486	proteomics_heat	3796289	3796324	-	6	5	K.DIDTETLTNSVK.R	16
PHEAT-7487	proteomics_heat	3798569	3798649	-	6	2	R.FVHTYIMIEYIDGIELCDMPDIDDAL.K	31
PHEAT-7488	proteomics_heat	3798662	3798715	-	6	2	K.VRNEGLNLTNDFYLLAER.K	22
PHEAT-7489	proteomics_heat	3798878	3798928	-	6	10	K.YLNVLNDFLSYNINIIK.V	21
PHEAT-7490	proteomics_heat	3798929	3798970	-	6	2	K.IKDLVVFTDENNSK.Y	18
PHEAT-7491	proteomics_heat	3801603	3801662	-	4	2	K.DSVIPAPEEGETATFIYVGR.M	24
PHEAT-7492	proteomics_heat	3805963	3806046	-	5	4	K.IDMLLYQDTPILSENPEINALYGISNK.G	32
PHEAT-7493	proteomics_heat	3806068	3806115	-	5	2	R.YHGDMLLTTPVISTLK.Q	20
PHEAT-7494	proteomics_heat	3809089	3809139	-	5	2	R.GIEPHLVGATILHAVVR.N	21
PHEAT-7495	proteomics_heat	3809309	3809329	-	6	10	K.KFDPVVR.Q	11
PHEAT-7496	proteomics_heat	3809366	3809410	-	6	31	K.LVSSAGTGHFYTTTK.N	19
PHEAT-7497	proteomics_heat	3809366	3809416	-	6	4	K.IKLVSSAGTGHFYTTTK.N	21
PHEAT-7498	proteomics_heat	3809378	3809416	-	6	4	K.IKLVSSAGTGHFY.T	17
PHEAT-7499	proteomics_heat	3809482	3809511	-	5	9	K.GIDTVLAELR.A	14
PHEAT-7500	proteomics_heat	3809563	3809586	-	5	9	R.FWVESEKR.F	12
PHEAT-7501	proteomics_heat	3809566	3809586	-	5	3	R.FWVESEK.R	11
PHEAT-7502	proteomics_heat	3809668	3809694	-	5	2	M.SRVCQVTGK.R	13
PHEAT-7503	proteomics_heat	3813177	3813236	-	4	4	K.DLIAYLEEKPEMAEHLAAVK.A	24
PHEAT-7504	proteomics_heat	3813276	3813314	-	4	4	R.GRGEISAIQEVER.D	17
PHEAT-7505	proteomics_heat	3813390	3813434	-	4	2	R.VMLVDDVITAGTAIR.E	19
PHEAT-7506	proteomics_heat	3813435	3813482	-	4	3	K.DHGEGGNLVGSALQGR.V	20
PHEAT-7507	proteomics_heat	3813660	3813704	-	4	7	R.KSPYFFNAGLFNTGR.D	19
PHEAT-7508	proteomics_heat	3826623	3826667	-	4	4	L.ATLVAATLTLLLGRK.L	19
PHEAT-7509	proteomics_heat	3837243	3837281	-	4	2	K.EFLQSYQSPEVAK.A	17
PHEAT-7510	proteomics_heat	3837447	3837488	-	4	5	R.HLQIMELEGAQLPR.V	18
PHEAT-7511	proteomics_heat	3837582	3837629	-	4	2	K.EGATVAIPNDPTNLGR.A	20
PHEAT-7512	proteomics_heat	3837657	3837707	-	4	4	K.LVAVGNTFVFPMAGYSK.K	21
PHEAT-7513	proteomics_heat	3837864	3837911	-	4	2	K.VGVINGAEQDVAEVAK.K	20
PHEAT-7514	proteomics_heat	3848462	3848536	-	6	2	K.GMATIMLSVHDSPALVEQALNAGAR.G	29
PHEAT-7515	proteomics_heat	3848639	3848707	-	6	2	R.SGFAQLLGLEPDLQVVAEFGSGR.E	27
PHEAT-7516	proteomics_heat	3848885	3848932	-	6	11	R.LEQMISQIDKLEDVVK.V	20
PHEAT-7517	proteomics_heat	3848933	3848968	-	6	4	K.SHIWLLVNDDQR.L	16
PHEAT-7518	proteomics_heat	3848969	3849022	-	6	7	R.RAFNVEGILCLPIQSDK.S	22
PHEAT-7519	proteomics_heat	3849068	3849115	-	6	9	A.MQNTTHDNVILELTVR.N	20
PHEAT-7520	proteomics_heat	3849317	3849412	-	6	7	K.IILMNNEALGLVHQQQSLFYEQGVFAATYPGK.I	36
PHEAT-7521	proteomics_heat	3849413	3849496	-	6	33	K.VLCFSGDGLMMNIQEMATASENQLDVK.I	32
PHEAT-7522	proteomics_heat	3849497	3849583	-	6	16	R.QWLTSGLGTMGFGLPAAIGAALANPDRK.V	33
PHEAT-7523	proteomics_heat	3849500	3849583	-	6	8	R.QWLTSGLGTMGFGLPAAIGAALANPDR.K	32
PHEAT-7524	proteomics_heat	3849743	3849778	-	6	9	R.AEWHQLVADLQR.E	16
PHEAT-7525	proteomics_heat	3849779	3849847	-	6	7	H.VAIQADVDDVLAQLIPLVEAQPR.A	27
PHEAT-7526	proteomics_heat	3849779	3849856	-	6	5	K.QPHVAIQADVDDVLAQLIPLVEAQPR.A	30

PHEAT-7527	proteomics_heat	3849779	3849862	-	6	27	K.IKQPHVAIQADVDDVLAQLIPLVEAQPR.A	32
PHEAT-7528	proteomics_heat	3849863	3849901	-	6	5	K.IIHVDIDRAELGK.I	17
PHEAT-7529	proteomics_heat	3849878	3849901	-	6	6	K.IIHVDIDR.A	12
PHEAT-7530	proteomics_heat	3849902	3849928	-	6	3	K.TEQFCPNAK.I	13
PHEAT-7531	proteomics_heat	3849953	3850006	-	6	88	R.STNYILQEADLLIVLGAR.F	22
PHEAT-7532	proteomics_heat	3850007	3850051	-	6	3	K.AHPLSLGMLGMHGVR.S	19
PHEAT-7533	proteomics_heat	3850052	3850102	-	6	15	K.AQLPTTMTLMALGMLPK.A	21
PHEAT-7534	proteomics_heat	3850124	3850171	-	6	17	K.RPVLYLGGGVINAPAR.V	20
PHEAT-7535	proteomics_heat	3850136	3850171	-	6	2	K.RPVLYLGGGVIN.A	16
PHEAT-7536	proteomics_heat	3850172	3850201	-	6	7	R.DAAAMINAAC.R	14
PHEAT-7537	proteomics_heat	3850172	3850237	-	6	3	K.AAAPAFSEESIRDAAAMINAAC.R	26
PHEAT-7538	proteomics_heat	3850202	3850237	-	6	3	K.AAAPAFSEESIR.D	16
PHEAT-7539	proteomics_heat	3850238	3850291	-	6	7	K.DVQTAVFEIETQPAMAEK.A	22
PHEAT-7540	proteomics_heat	3850238	3850321	-	6	5	R.PGPVWIDIPKDVQTAVFEIETQPAMAEK.A	32
PHEAT-7541	proteomics_heat	3850238	3850339	-	6	9	R.IAQSGRPGPVWIDIPKDVQTAVFEIETQPAMAEK.A	38
PHEAT-7542	proteomics_heat	3850292	3850339	-	6	3	R.IAQSGRPGPVWIDIPK.D	20
PHEAT-7543	proteomics_heat	3850340	3850381	-	6	11	R.HIEELPQVMSDAFR.I	18
PHEAT-7544	proteomics_heat	3850511	3850567	-	6	2	C.MACSGPGATNLVTAIADAR.L	23
PHEAT-7545	proteomics_heat	3850511	3850591	-	6	6	R.TDGKPAVCMACSGPGATNLVTAIADAR.L	31
PHEAT-7546	proteomics_heat	3850592	3850633	-	6	11	R.HEQGAGFIAQGMAR.T	18
PHEAT-7547	proteomics_heat	3850649	3850720	-	6	11	K.IVTGIPGGGILPVYDALSQSTQIR.H	28
PHEAT-7548	proteomics_heat	3850721	3850771	-	6	50	R.FTGAEFIVHFLEQQGK.I	21
PHEAT-7549	proteomics_heat	3864034	3864072	-	5	4	R.DSGRAGLLCLIR.L	17
PHEAT-7550	proteomics_heat	3864495	3864527	-	4	13	R.IAISERPALNS.-	15
PHEAT-7551	proteomics_heat	3864528	3864557	-	4	3	R.NEPEPIAAQR.I	14
PHEAT-7552	proteomics_heat	3864558	3864626	-	4	2	T.LAENMEVSGATFVNGLLHIDLIR.N	27
PHEAT-7553	proteomics_heat	3864639	3864677	-	4	2	K.KWLHQGLMNQPF.S	17
PHEAT-7554	proteomics_heat	3864642	3864674	-	4	2	K.WLHQGLMNQPF.S	15
PHEAT-7555	proteomics_heat	3864720	3864755	-	4	9	R.QEDLEIQLEGTR.L	16
PHEAT-7556	proteomics_heat	3864756	3864782	-	4	10	R.ITLALAGFR.Q	13
PHEAT-7557	proteomics_heat	3864804	3864866	-	4	25	K.LANALQNAGESQSFPYNIK.S	25
PHEAT-7558	proteomics_heat	3864867	3864887	-	4	2	R.QWIGFDK.L	11
PHEAT-7559	proteomics_heat	3864888	3864914	-	4	4	R.NFDLSPLMR.Q	13
PHEAT-7560	proteomics_heat	3865077	3865121	-	4	55	R.GANLVNGLLYIDLER.V	19
PHEAT-7561	proteomics_heat	3865122	3865151	-	4	11	K.FQLAENIHVR.G	14
PHEAT-7562	proteomics_heat	3865122	3865154	-	4	4	R.KFQLAENIHVR.G	15
PHEAT-7563	proteomics_heat	3865128	3865154	-	4	2	R.KFQLAENIH.V	13
PHEAT-7564	proteomics_heat	3865167	3865196	-	4	11	R.TYLYQGIAER.N	14
PHEAT-7565	proteomics_heat	3865227	3865301	-	4	792	R.IAIVAGFAESELEITAQDNLLVVK.G	29
PHEAT-7566	proteomics_heat	3865302	3865343	-	4	4	Y.PPYNVELVDENHYR.I	18
PHEAT-7567	proteomics_heat	3865302	3865391	-	4	17	R.LFNHLENNQSQSNGGYPPYVVELVDENHYR.I	34
PHEAT-7568	proteomics_heat	3865413	3865439	-	4	8	R.NFDLSPLYR.S	13
PHEAT-7569	proteomics_heat	3865413	3865445	-	4	2	I.MRNFDSLPLYR.S	15
PHEAT-7570	proteomics_heat	3866505	3866561	-	4	2	K.AAGDAPLSGTETTLPPPR.G	23
PHEAT-7571	proteomics_heat	3866886	3866927	-	4	4	R.GGSHVHVFPNGER.V	18
PHEAT-7572	proteomics_heat	3866928	3866984	-	4	2	K.MSNLDAMDITAPYTPGVLR.G	23

PHEAT-7573	proteomics_heat	3867129	3867149	-	4	2	R.EVEVIYR.S	11
PHEAT-7574	proteomics_heat	3867129	3867149	-	4	2	R.EVEVIYR.S	11
PHEAT-7575	proteomics_heat	3868150	3868206	-	5	3	Q.KGVVLTADKILPARGKQHR.A	23
PHEAT-7576	proteomics_heat	3872662	3872739	-	5	16	R.YHEAVLQSVHNPVLQQLSIAISSLQR.A	30
PHEAT-7577	proteomics_heat	3874394	3874429	-	6	2	K.SAPYFLEILDKR.V	16
PHEAT-7578	proteomics_heat	3874469	3874516	-	6	3	K.VMMIDEPAILDQAIAR.I	20
PHEAT-7579	proteomics_heat	3874640	3874672	-	6	2	R.EVGSHFHALDR.T	15
PHEAT-7580	proteomics_heat	3874694	3874747	-	6	2	K.AADGSTVAQTALSYYDDYR.F	22
PHEAT-7581	proteomics_heat	3874748	3874810	-	6	2	K.ELHMEQPGDYCITYNGALVQK.A	25
PHEAT-7582	proteomics_heat	3874811	3874870	-	6	3	R.GVNVVLTTRGRPYAGVHNYLK.E	24
PHEAT-7583	proteomics_heat	3874898	3874963	-	6	2	K.LIAIDMDGTL LLPDHTISPAVK.N	26
PHEAT-7584	proteomics_heat	3875108	3875191	-	6	4	K.IIDALSPQGEVSPQANNDLLSAGMELLK.G	32
PHEAT-7585	proteomics_heat	3875192	3875245	-	6	3	K.LGVDTSTASSLLAEQLPK.I	22
PHEAT-7586	proteomics_heat	3875749	3875778	-	5	5	R.RAFIEENALK.A	14
PHEAT-7587	proteomics_heat	3875779	3875838	-	5	7	K.DAIAADQLFTTLMGDAVEPR.R	24
PHEAT-7588	proteomics_heat	3875863	3875922	-	5	2	K.GLGEMNPEQLWETTMDPESR.R	24
PHEAT-7589	proteomics_heat	3875959	3876006	-	5	23	R.RQPVASFEQALDWLVK.E	20
PHEAT-7590	proteomics_heat	3876016	3876048	-	5	2	R.GLLEEDAFIER.G	15
PHEAT-7591	proteomics_heat	3876076	3876141	-	5	2	R.THGVDTDYPLDHEFITGGEYR.R	26
PHEAT-7592	proteomics_heat	3876079	3876141	-	5	6	R.THGVDTDYPLDHEFITGGEYR.R	25
PHEAT-7593	proteomics_heat	3876079	3876144	-	5	3	V.RTHGVDTDYPLDHEFITGGEYR.R	26
PHEAT-7594	proteomics_heat	3876148	3876198	-	5	6	K.FDVHTNAEQNLFEPIVR.V	21
PHEAT-7595	proteomics_heat	3876199	3876258	-	5	7	R.WVNALVSELNDKEQHGSQWK.F	24
PHEAT-7596	proteomics_heat	3876259	3876321	-	5	10	K.ELIYQPTLTEADLSDEQTVTR.W	25
PHEAT-7597	proteomics_heat	3876367	3876396	-	5	3	K.LVSEYNATQK.M	14
PHEAT-7598	proteomics_heat	3876535	3876570	-	5	11	R.GHVYIAQPPLYK.V	16
PHEAT-7599	proteomics_heat	3876622	3876675	-	5	4	R.YHSIIIMTDADVDGSHIR.T	22
PHEAT-7600	proteomics_heat	3876703	3876762	-	5	11	K.MLSSQEVATLITALGCGIGR.D	24
PHEAT-7601	proteomics_heat	3876844	3876903	-	5	5	R.DPALSELYLVEGDSAGGSAK.Q	24
PHEAT-7602	proteomics_heat	3876844	3876924	-	5	5	K.LADCQERDPALSELYLVEGDSAGGSAK.Q	31
PHEAT-7603	proteomics_heat	3877036	3877104	-	5	3	K.SAVEQQMNELLAEYLLNPTDAK.I	27
PHEAT-7604	proteomics_heat	3877105	3877131	-	5	6	K.DKLVSSSEVK.S	13
PHEAT-7605	proteomics_heat	3877228	3877269	-	5	2	R.TLNAYMDKEGYSKK.A	18
PHEAT-7606	proteomics_heat	3877231	3877269	-	5	5	R.TLNAYMDKEGYSK.K	17
PHEAT-7607	proteomics_heat	3877285	3877314	-	5	4	R.DGGTHLAGFR.A	14
PHEAT-7608	proteomics_heat	3877402	3877443	-	5	6	K.TPIHPNIFYFSTEK.D	18
PHEAT-7609	proteomics_heat	3877402	3877449	-	5	5	K.NKTPIHPNIFYFSTEK.D	20
PHEAT-7610	proteomics_heat	3877474	3877515	-	5	2	R.DGKEDHFHYEGGIK.A	18
PHEAT-7611	proteomics_heat	3877531	3877566	-	5	2	R.ELSFLNSGVSIR.L	16
PHEAT-7612	proteomics_heat	3877576	3877638	-	5	4	R.FWPSLETFTNVTEFEYEILAK.R	25
PHEAT-7613	proteomics_heat	3877657	3877716	-	5	7	R.QIYEHGVQPAPLAVTGETEK.T	24
PHEAT-7614	proteomics_heat	3877756	3877812	-	5	9	K.VSGGLHGVGVSVVNALSQK.L	23
PHEAT-7615	proteomics_heat	3877834	3877914	-	5	27	R.GIPTGIHPPEGVSAAEVIMTVLHAGGK.F	31
PHEAT-7616	proteomics_heat	3878855	3878932	-	6	2	K.VAELAHLMMPQLITPEGFTLLNGGPK.Y	30
PHEAT-7617	proteomics_heat	3879553	3879582	-	5	3	K.HLEAGCDLLK.Q	14
PHEAT-7618	proteomics_heat	3879640	3879672	-	5	4	R.AHVGDFIFTSK.L	15

PHEAT-7619	proteomics_heat	3879673	3879699	-	5	2	R.VQIGSNIR.A	13
PHEAT-7620	proteomics_heat	3879730	3879753	-	5	2	R.KGVIELMR.M	12
PHEAT-7621	proteomics_heat	3879754	3879816	-	5	4	R.LAVCSMPIGQSLPSHSVIVPR.K	25
PHEAT-7622	proteomics_heat	3879841	3879888	-	5	4	R.YYLNGLMFETEGEELR.T	20
PHEAT-7623	proteomics_heat	3879889	3879933	-	5	3	R.LIEATQFSMAHQDVR.Y	19
PHEAT-7624	proteomics_heat	3879937	3880029	-	5	3	R.FSLSTLPAADFPNLDDWQSEVEFTLPQATMK.R	35
PHEAT-7625	proteomics_heat	3880123	3880176	-	5	3	R.VALVQPHEPGATTVPARK.F	22
PHEAT-7626	proteomics_heat	3880126	3880176	-	5	6	R.VALVQPHEPGATTVPAR.K	21
PHEAT-7627	proteomics_heat	3880240	3880323	-	5	2	R.EHLLKPLQQVSGPLGGRPTLPILGNLLL.Q	32
PHEAT-7628	proteomics_heat	3881024	3881071	-	6	6	R.SVDALLIDDIQFFANK.E	20
PHEAT-7629	proteomics_heat	3881081	3881116	-	6	2	K.ALQNNAIIEFKR.Y	16
PHEAT-7630	proteomics_heat	3881219	3881287	-	6	2	R.QVADNPGGAYNPLFLYGGTGLGK.T	27
PHEAT-7631	proteomics_heat	3881318	3881347	-	6	2	K.HTFDNFVEGK.S	14
PHEAT-7632	proteomics_heat	3881429	3881527	-	6	2	R.FEVGTPVTQTPQAAVTSNVAAPAQAQTQPQR.A	37
PHEAT-7633	proteomics_heat	3881528	3881596	-	6	3	R.DKYLNNINGLLTSFCGADAPQLR.F	27
PHEAT-7634	proteomics_heat	3904879	3904932	-	5	3	R.HVGGDELKLLAGKDSK.-	22
PHEAT-7635	proteomics_heat	3904891	3904932	-	5	4	R.HVGGDELKLLAGK.D	18
PHEAT-7636	proteomics_heat	3905083	3905115	-	5	6	K.KVDQEYEGIVR.Q	15
PHEAT-7637	proteomics_heat	3905158	3905202	-	5	3	R.HTIQMLHVDLDAFAR.M	19
PHEAT-7638	proteomics_heat	3905203	3905253	-	5	10	K.FSQHQHPLLVSLESLGR.H	21
PHEAT-7639	proteomics_heat	3905446	3905535	-	5	3	R.TQVMTMGGMVEQQLSDAITAMHNQDSLAK.R	34
PHEAT-7640	proteomics_heat	3905536	3905577	-	5	5	K.HISGFNAELESIR.T	18
PHEAT-7641	proteomics_heat	3905739	3905816	-	4	3	R.IEELITELKQDYTVVIVTHNMQQAAR.C	30
PHEAT-7642	proteomics_heat	3905817	3905891	-	4	4	R.GIAIRPEVLLLDEPCALDPSTGR.I	29
PHEAT-7643	proteomics_heat	3905907	3905951	-	4	2	K.LHQSGYSLGGQQQR.L	19
PHEAT-7644	proteomics_heat	3905907	3905957	-	4	2	K.DKLHQSGYSLGGQQQR.L	21
PHEAT-7645	proteomics_heat	3906042	3906113	-	4	3	K.VGMVFQKPTFPMSIYDNIAFGVR.L	28
PHEAT-7646	proteomics_heat	3908266	3908349	-	5	3	K.LAALIVLLMLGGIIVSLIISWPSIQKF.G	32
PHEAT-7647	proteomics_heat	3908278	3908379	-	5	2	K.GDIIFSVLVLAALIVLLMLGGIIVSLIISWPS.I	38
PHEAT-7648	proteomics_heat	3908787	3908849	-	4	2	K.LISADGKPVSPTEENFANAAG.G	25
PHEAT-7649	proteomics_heat	3909021	3909071	-	4	3	R.RADGSGTSFVFTSYLAK.V	21
PHEAT-7650	proteomics_heat	3909345	3909398	-	4	2	K.ETGNKVNYQIGSSGGVK.Q	22
PHEAT-7651	proteomics_heat	3910078	3910104	-	5	6	K.LKSNIIEVR.A	13
PHEAT-7652	proteomics_heat	3910105	3910167	-	5	2	L.ALIDADMPVIVVAPNNELLEK.L	25
PHEAT-7653	proteomics_heat	3910105	3910179	-	5	7	K.HGPLALIDADMPVIVVAPNNELLEK.L	29
PHEAT-7654	proteomics_heat	3910180	3910227	-	5	8	K.EISYIHAEAYAAGELK.H	20
PHEAT-7655	proteomics_heat	3910180	3910233	-	5	28	K.LKEISYIHAEAYAAGELK.H	22
PHEAT-7656	proteomics_heat	3910234	3910272	-	5	2	R.GDQYPIALEGALK.L	17
PHEAT-7657	proteomics_heat	3910273	3910329	-	5	16	R.IEALAEDFSDKHHALFLGR.G	23
PHEAT-7658	proteomics_heat	3910330	3910359	-	5	8	R.IEQMLSQDKR.I	14
PHEAT-7659	proteomics_heat	3910360	3910419	-	5	7	K.GLDAIEHDIVHGLQALPSR.I	24
PHEAT-7660	proteomics_heat	3910360	3910425	-	5	8	R.LKGLDASIEHDIVHGLQALPSR.I	26
PHEAT-7661	proteomics_heat	3910375	3910425	-	5	2	R.LKGLDASIEHDIVHGLQ.A	21
PHEAT-7662	proteomics_heat	3910480	3910539	-	5	5	R.ESDLALMTNAGTEIGVASTK.A	24
PHEAT-7663	proteomics_heat	3910540	3910599	-	5	10	K.ELGYLGSLAICNVPGSSLVR.E	24
PHEAT-7664	proteomics_heat	3910609	3910671	-	5	6	R.NSLMITLSQSGETADTLAQLR.L	25

PHEAT-7665	proteomics_heat	3910609	3910674	-	5	4	R.RNSLMITLSQSGETADTLAQLR.L	26
PHEAT-7666	proteomics_heat	3910696	3910755	-	5	10	R.YWFESLAGIPCDVEIASEFR.Y	24
PHEAT-7667	proteomics_heat	3910756	3910815	-	5	3	K.VEHQILACGTSYNSGMVSR.Y	24
PHEAT-7668	proteomics_heat	3910816	3910878	-	5	2	R.ISHGQVDLSELGPNADELLSK.V	25
PHEAT-7669	proteomics_heat	3910897	3910926	-	5	2	K.EIYEQPNAIK.N	14
PHEAT-7670	proteomics_heat	3910942	3910998	-	5	7	K.RQDIESNLQYDAGDKGIYR.H	23
PHEAT-7671	proteomics_heat	3910954	3910995	-	5	2	R.QDIESNLQYDAGDK.G	18
PHEAT-7672	proteomics_heat	3910954	3910998	-	5	6	K.RQDIESNLQYDAGDK.G	19
PHEAT-7673	proteomics_heat	3911041	3911082	-	5	22	R.FIFLEEGDIAEITR.R	18
PHEAT-7674	proteomics_heat	3911041	3911085	-	5	7	R.RFIFLEEGDIAEITR.R	19
PHEAT-7675	proteomics_heat	3911086	3911169	-	5	122	R.SGSPLVIGLGMGENFIASDQLALLPVTR.R	32
PHEAT-7676	proteomics_heat	3911170	3911196	-	5	8	R.HPDTLLAAR.S	13
PHEAT-7677	proteomics_heat	3911281	3911346	-	5	8	R.GYTFVSETDTEVIAHLVNWELK.Q	26
PHEAT-7678	proteomics_heat	3911470	3911538	-	5	10	K.VQMLAQAAEEHPLHGTTGIAHTR.W	27
PHEAT-7679	proteomics_heat	3911557	3911610	-	5	14	R.GYDSAGLAVVDAEGHMTR.L	22
PHEAT-7680	proteomics_heat	3911626	3911658	-	5	4	R.DVAEILLEGLR.R	15
PHEAT-7681	proteomics_heat	3911904	3911936	-	4	3	R.NVGENALAIR.V	15
PHEAT-7682	proteomics_heat	3911973	3912041	-	4	4	K.TIIGDDVFGSDTQLVAPVTVGK.G	27
PHEAT-7683	proteomics_heat	3912048	3912143	-	4	2	K.AGHLTYLGDAEIGDNVNIGAGTITCNVDGANK.F	36
PHEAT-7684	proteomics_heat	3912171	3912230	-	4	8	R.LRPGAELLEGAHVGNFVEMK.K	24
PHEAT-7685	proteomics_heat	3912231	3912326	-	4	5	K.NSVIGDDCEISPYTVVEDANLAAACTIGPFAR.L	36
PHEAT-7686	proteomics_heat	3912537	3912566	-	4	2	R.LSEVEGVNRR.L	14
PHEAT-7687	proteomics_heat	3912567	3912593	-	4	4	R.EIVAVHPQR.L	13
PHEAT-7688	proteomics_heat	3912594	3912665	-	4	8	K.LTNNNAQGEYYITDIIALAYQEGR.E	28
PHEAT-7689	proteomics_heat	3912735	3912779	-	4	2	K.VTGIVEHKDATDEQR.Q	19
PHEAT-7690	proteomics_heat	3912756	3912779	-	4	4	K.VTGIVEHK.D	12
PHEAT-7691	proteomics_heat	3912801	3912827	-	4	3	K.LDDPTGYGR.I	13
PHEAT-7692	proteomics_heat	3913035	3913124	-	4	2	K.AMVQHVIDAANELGAAHVHLVYGHGGDLLK.Q	34
PHEAT-7693	proteomics_heat	3913125	3913148	-	4	2	K.VLHTLAGK.A	12
PHEAT-7694	proteomics_heat	3913179	3913223	-	4	2	R.MLNAMSVVILAAGK.G	19
PHEAT-7695	proteomics_heat	3913624	3913692	-	5	5	K.AEEHISSSHGDVDYAQASAELAK.A	27
PHEAT-7696	proteomics_heat	3913624	3913695	-	5	95	R.KAEEHISSSHGDVDYAQASAELAK.A	28
PHEAT-7697	proteomics_heat	3913714	3913737	-	5	2	R.GQDLDEAR.A	12
PHEAT-7698	proteomics_heat	3913840	3913926	-	5	28	K.IQVTGSEGELGIYPGHAPLLTAIKPGMIR.I	33
PHEAT-7699	proteomics_heat	3913927	3913992	-	5	16	M.AMTYHLDVVSAEQMFSGLVEK.I	26
PHEAT-7700	proteomics_heat	3914031	3914111	-	4	131	K.GIMEGEYDHLPEQAFYMVGSIEEAVEK.A	31
PHEAT-7701	proteomics_heat	3914031	3914150	-	4	2	G.KYVSLKDTIRGFKGIMEGEYDHLPEQAFYMVGSIEEAVEK.A	44
PHEAT-7702	proteomics_heat	3914121	3914147	-	4	5	K.YVSLKDTIR.G	13
PHEAT-7703	proteomics_heat	3914148	3914201	-	4	92	R.FLSQPFFVAEVFTGSPGK.Y	22
PHEAT-7704	proteomics_heat	3914148	3914225	-	4	39	V.ARARKIQRFLSQPFFVAEVFTGSPGK.Y	30
PHEAT-7705	proteomics_heat	3914220	3914282	-	4	90	K.DIIAILGMDELSEEDKLVVAR.A	25
PHEAT-7706	proteomics_heat	3914220	3914297	-	4	57	R.YQELKDIIAILGMDELSEEDKLVVAR.A	30
PHEAT-7707	proteomics_heat	3914235	3914282	-	4	2	K.DIIAILGMDELSEEDK.L	20
PHEAT-7708	proteomics_heat	3914298	3914321	-	4	7	R.GVQSILQR.Y	12
PHEAT-7709	proteomics_heat	3914322	3914360	-	4	2	D.PLVVGQEHYDTAR.G	17
PHEAT-7710	proteomics_heat	3914322	3914369	-	4	6	R.QLDPLVVGQEHYDTAR.G	20



PHEAT-7711	proteomics_heat	3914370	3914426	-	4	12	R.QIASLGIYPVDPLDSTSR.Q	23
PHEAT-7712	proteomics_heat	3914427	3914537	-	4	118	K.TGSITSVQAVYVPADDLTDPSATTF AHL DATVVLSR.Q	41
PHEAT-7713	proteomics_heat	3914478	3914552	-	4	10	R.ITSTKTGSITSVQAVYVPADDLTDPS	29
PHEAT-7714	proteomics_heat	3914553	3914612	-	4	2	M.PSAVGYQPTLAEEMGVLQER.I	24
PHEAT-7715	proteomics_heat	3914553	3914615	-	4	15	R.MPSAVGYQPTLAEEMGVLQER.I	25
PHEAT-7716	proteomics_heat	3914616	3914657	-	4	10	R.YTLAGTEVSALLGR.M	18
PHEAT-7717	proteomics_heat	3914658	3914690	-	4	13	R.DVLLFVDNIYR.Y	15
PHEAT-7718	proteomics_heat	3914658	3914702	-	4	2	R.DEGRDVLLFVDNIYR.Y	19
PHEAT-7719	proteomics_heat	3914658	3914708	-	4	23	K.FRDEGRDVLLFVDNIYR.Y	21
PHEAT-7720	proteomics_heat	3914709	3914741	-	4	12	R.VALTGLTMAEK.F	15
PHEAT-7721	proteomics_heat	3914748	3914792	-	4	13	K.VSLVYGQMNEPPG NR.L	19
PHEAT-7722	proteomics_heat	3914748	3914843	-	4	2	R.EGNDFYHEMTDSNVIDKVS L VYGQMNEPPG NR.L	36
PHEAT-7723	proteomics_heat	3914748	3914849	-	4	4	R.TREGNDFYHEMTDSNVIDKVS L VYGQMNEPPG NR.L	38
PHEAT-7724	proteomics_heat	3914793	3914843	-	4	6	R.EGNDFYHEMTDSNVIDK.V	21
PHEAT-7725	proteomics_heat	3914793	3914849	-	4	14	R.TREGNDFYHEMTDSNVIDK.V	23
PHEAT-7726	proteomics_heat	3914850	3914903	-	4	201	R.NIAIEHSGYSVFAGVGER.T	22
PHEAT-7727	proteomics_heat	3914904	3914930	-	4	7	K.TVNMMELIR.N	13
PHEAT-7728	proteomics_heat	3914931	3914963	-	4	9	K.VGLFGGAGVGK.T	15
PHEAT-7729	proteomics_heat	3914973	3915002	-	4	9	K.VIDL M C P F A K . G	14
PHEAT-7730	proteomics_heat	3915003	3915062	-	4	16	R.AAPSYEELSNSQELLE T G I K . V	24
PHEAT-7731	proteomics_heat	3915078	3915137	-	4	11	R.IMNVLGEPVDMKGEIGEEER.W	24
PHEAT-7732	proteomics_heat	3915102	3915137	-	4	6	R.IMNVLGEPVDMK.G	16
PHEAT-7733	proteomics_heat	3915153	3915188	-	4	10	K.DLEHPIEVPVGK.A	16
PHEAT-7734	proteomics_heat	3915153	3915203	-	4	2	R.GLDVKDLEHPIEVPVGK.A	21
PHEAT-7735	proteomics_heat	3915207	3915239	-	4	2	R.TIAMGSSDGLR.R	15
PHEAT-7736	proteomics_heat	3915207	3915242	-	4	4	V.RTIAMGSSDGLR.R	16
PHEAT-7737	proteomics_heat	3915240	3915284	-	4	50	R.LVLEVQQQLGGGIVR.T	19
PHEAT-7738	proteomics_heat	3915285	3915323	-	4	17	R.VYDALEVQNGNER.L	17
PHEAT-7739	proteomics_heat	3915324	3915383	-	4	67	K.IVQVIGAVVDVEFPQDAVPR.V	24
PHEAT-7740	proteomics_heat	3915488	3915511	-	6	7	K.ELQLVYNK.A	12
PHEAT-7741	proteomics_heat	3915560	3915622	-	6	10	R.YVESQVYQGVVENLASEQAAR.M	25
PHEAT-7742	proteomics_heat	3915560	3915625	-	6	9	R.RYVESQVYQGVVENLASEQAAR.M	26
PHEAT-7743	proteomics_heat	3915650	3915682	-	6	5	K.SWDYLYEPDPK.A	15
PHEAT-7744	proteomics_heat	3915683	3915766	-	6	5	K.FINTMSQVPTISQLLPLPASDDDD L K H K . S	32
PHEAT-7745	proteomics_heat	3915689	3915766	-	6	4	K.FINTMSQVPTISQLLPLPASDDDD L K . H	30
PHEAT-7746	proteomics_heat	3915788	3915826	-	6	5	K.VMLQAYDEGR L D K . L	17
PHEAT-7747	proteomics_heat	3915827	3915925	-	6	105	K.GVSFFNSVGGNVVAQVTGMGDNP S L S E L I G P V K . V	37
PHEAT-7748	proteomics_heat	3915926	3915961	-	6	6	K.GVQC DL A M I G S K . G	16
PHEAT-7749	proteomics_heat	3915926	3915976	-	6	3	K.TWTDKGVQC DL A M I G S K . G	21
PHEAT-7750	proteomics_heat	3915995	3916033	-	6	2	R.GLCGGLNINLFK K . L	17
PHEAT-7751	proteomics_heat	3915998	3916033	-	6	7	R.GLCGGLNINLFK K . K	16
PHEAT-7752	proteomics_heat	3916034	3916063	-	6	2	R.VGYLVVSTDR.G	14
PHEAT-7753	proteomics_heat	3916034	3916066	-	6	3	K.RVGYLVVSTDR.G	15
PHEAT-7754	proteomics_heat	3916097	3916123	-	6	3	H.LAHGNLEYK.H	13
PHEAT-7755	proteomics_heat	3916097	3916135	-	6	3	K.VIGHLAHGNLEYK.H	17
PHEAT-7756	proteomics_heat	3916139	3916174	-	6	4	R.MAASRPYAETMR.K	16

PHEAT-7757	proteomics_heat	3916148	3916174	-	6	2	R.MAASRPYAE.T	13
PHEAT-7758	proteomics_heat	3916151	3916174	-	6	2	R.MAASRPYA.E	12
PHEAT-7759	proteomics_heat	3916196	3916222	-	6	6	K.AMEMVAASK.M	13
PHEAT-7760	proteomics_heat	3916259	3916294	-	6	2	E.KLMAGAKEIRSK.I	16
PHEAT-7761	proteomics_heat	3916357	3916383	-	5	4	K.LKGILDSFK.A	13
PHEAT-7762	proteomics_heat	3916384	3916449	-	5	7	R.DHAPLMQEINQTGGYNDEIEGK.L	26
PHEAT-7763	proteomics_heat	3916384	3916491	-	5	13	K.IGSFEAALLAYVDRDHAPLMQEINQTGGYNDEIEGK.L	40
PHEAT-7764	proteomics_heat	3916450	3916491	-	5	16	K.IGSFEAALLAYVDR.D	18
PHEAT-7765	proteomics_heat	3916492	3916521	-	5	7	R.GYLADVLSK.I	14
PHEAT-7766	proteomics_heat	3916522	3916578	-	5	80	K.QYAPMSVAQQSLVFAAER.G	23
PHEAT-7767	proteomics_heat	3916522	3916584	-	5	18	K.QKQYAPMSVAQQSLVFAAER.G	25
PHEAT-7768	proteomics_heat	3916624	3916677	-	5	11	R.ELAAFSQFASDLDDATR.K	22
PHEAT-7769	proteomics_heat	3916627	3916653	-	5	3	F.ASDLDDATR.K	13
PHEAT-7770	proteomics_heat	3916627	3916677	-	5	23	R.ELAAFSQFASDLDDATR.K	21
PHEAT-7771	proteomics_heat	3916753	3916785	-	5	2	R.PAVNPGISVSR.V	15
PHEAT-7772	proteomics_heat	3916927	3916971	-	5	13	R.VNAEYVEAFTKGEVK.G	19
PHEAT-7773	proteomics_heat	3916939	3916971	-	5	9	R.VNAEYVEAFTK.G	15
PHEAT-7774	proteomics_heat	3916993	3917031	-	5	14	R.EAFPGDVFYLSR.L	17
PHEAT-7775	proteomics_heat	3917086	3917130	-	5	43	R.DRGEDALIIYDDLK.Q	19
PHEAT-7776	proteomics_heat	3917131	3917247	-	5	2	K.LEEHGALANTIVVVATASESAALQYLAPYAGCAMGEYFR.D	43
PHEAT-7777	proteomics_heat	3917131	3917250	-	5	13	R.KLEEHGALANTIVVVATASESAALQYLAPYAGCAMGEYFR.D	44
PHEAT-7778	proteomics_heat	3917155	3917250	-	5	2	R.KLEEHGALANTIVVVATASESAALQYLAPYAG.C	36
PHEAT-7779	proteomics_heat	3917221	3917250	-	5	3	R.KLEEHGALAN.T	14
PHEAT-7780	proteomics_heat	3917251	3917277	-	5	2	K.ASTISNVVR.K	13
PHEAT-7781	proteomics_heat	3917278	3917304	-	5	8	K.CIYVAIGQK.A	13
PHEAT-7782	proteomics_heat	3917320	3917355	-	5	22	K.TALAIIDAIINQR.D	16
PHEAT-7783	proteomics_heat	3917398	3917427	-	5	7	K.AVDSMIPIGR.G	14
PHEAT-7784	proteomics_heat	3917428	3917463	-	5	12	R.QSVDQPVTGYK.A	16
PHEAT-7785	proteomics_heat	3917464	3917526	-	5	22	K.GPLDHDGFSAVEAIPGVIER.Q	25
PHEAT-7786	proteomics_heat	3917527	3917562	-	5	11	R.VVNTLGAPIDGK.G	16
PHEAT-7787	proteomics_heat	3917620	3917676	-	5	19	R.DSVGAVVMGPYADLAEGMK.V	23
PHEAT-7788	proteomics_heat	3917677	3917703	-	5	8	R.YAIALNLER.D	13
PHEAT-7789	proteomics_heat	3917704	3917760	-	5	14	R.IHGLADCMQGEMISLPGNR.Y	23
PHEAT-7790	proteomics_heat	3917761	3917835	-	5	39	R.IAQFNVVSEAHNEGTVSVSDGVIR.I	29
PHEAT-7791	proteomics_heat	3917842	3917880	-	5	9	S.MQLNSTEISELIK.Q	17
PHEAT-7792	proteomics_heat	3917932	3917964	-	5	3	R.AGDMVIDGSRV.G	15
PHEAT-7793	proteomics_heat	3917965	3917991	-	5	2	K.SVMAGVIIR.A	13
PHEAT-7794	proteomics_heat	3918055	3918126	-	5	7	R.AVSEATAEVDVISAAALSEQQLAK.I	28
PHEAT-7795	proteomics_heat	3918127	3918171	-	5	13	R.LNALPDVLEQFIHLR.A	19
PHEAT-7796	proteomics_heat	3918193	3918306	-	5	18	K.NEQMAELLSGALAPETLAESFIAVCGEQLDENGQNLIR.V	42
PHEAT-7797	proteomics_heat	3918307	3918345	-	5	7	R.WQDMLAFAAEVTK.N	17
PHEAT-7798	proteomics_heat	3918346	3918387	-	5	12	K.AAFDFAVEHQSVR.W	18
PHEAT-7799	proteomics_heat	3918388	3918423	-	5	6	M.SEFITVARPYAK.A	16
PHEAT-7800	proteomics_heat	3918444	3918497	-	4	10	R.SVDEAANSDIVDKLVAEL.-	22
PHEAT-7801	proteomics_heat	3918459	3918497	-	4	15	R.SVDEAANSDIVDK.L	17
PHEAT-7802	proteomics_heat	3918510	3918545	-	4	9	K.QVAILAVAGAEK.I	16

PHEAT-7803	proteomics_heat	3918510	3918548	-	4	9	R.KQVAILAVAGAЕК.I	17
PHEAT-7804	proteomics_heat	3918570	3918611	-	4	4	K.IVAQAQAEIEAERK.R	18
PHEAT-7805	proteomics_heat	3918573	3918611	-	4	10	K.IVAQAQAEIEAER.K	17
PHEAT-7806	proteomics_heat	3918618	3918662	-	4	6	R.SQILDEAKAEAEQER.T	19
PHEAT-7807	proteomics_heat	3918618	3918665	-	4	3	R.RSQILDEAKAEAEQER.T	20
PHEAT-7808	proteomics_heat	3918666	3918704	-	4	4	K.AEAQVIIEQANKR.R	17
PHEAT-7809	proteomics_heat	3918666	3918710	-	4	2	K.AKAEAQVIIEQANKR.R	19
PHEAT-7810	proteomics_heat	3918669	3918704	-	4	7	K.AEAQVIIEQANK.R	16
PHEAT-7811	proteomics_heat	3918669	3918710	-	4	24	K.AKAEAQVIIEQANK.R	18
PHEAT-7812	proteomics_heat	3918711	3918737	-	4	10	K.ASATDQLKK.A	13
PHEAT-7813	proteomics_heat	3918765	3918797	-	4	5	K.EIADGLASAER.A	15
PHEAT-7814	proteomics_heat	3918765	3918803	-	4	12	R.QKEIADGLASAER.A	17
PHEAT-7815	proteomics_heat	3920003	3920071	-	6	10	M.ASENMTPQDYIGHHLNQLDLR.T	27
PHEAT-7816	proteomics_heat	3921335	3921385	-	6	3	R.QVQHELKLENIEPVQSR.V	21
PHEAT-7817	proteomics_heat	3921500	3921547	-	6	4	R.HILDSIVVAPYLQGER.F	20
PHEAT-7818	proteomics_heat	3921848	3921889	-	6	2	K.LNDHKPASIGQASR.I	18
PHEAT-7819	proteomics_heat	3922016	3922090	-	6	2	K.LTTLTPFAPALTDEQAQVEIQVK.Y	29
PHEAT-7820	proteomics_heat	3922376	3922441	-	6	2	R.SQAYLGVLVDDLCTLGTKEPYR.M	26
PHEAT-7821	proteomics_heat	3922388	3922441	-	6	3	R.SQAYLGVLVDDLCTLGTK.E	22
PHEAT-7822	proteomics_heat	3922442	3922477	-	6	3	R.LSADKEGWAPAR.S	16
PHEAT-7823	proteomics_heat	3922604	3922651	-	6	2	K.IVRPGYAIEYDFDPR.D	20
PHEAT-7824	proteomics_heat	3922832	3922873	-	6	2	R.SPMYAGVIEGVGPR.Y	18
PHEAT-7825	proteomics_heat	3923222	3923254	-	6	2	R.VVGAVTQMGLK.F	15
PHEAT-7826	proteomics_heat	3923255	3923329	-	6	2	R.TALENQPNLMIFQQAVEDLIVENDR.V	29
PHEAT-7827	proteomics_heat	3923474	3923560	-	6	3	T.LLLTHNIDTLGQMSCNPAIGGIGKHLVK.E	33
PHEAT-7828	proteomics_heat	3923489	3923575	-	6	2	R.MGQQTLLLTHNIDTLGQMSCNPAIGGIGK.G	33
PHEAT-7829	proteomics_heat	3924038	3924112	-	6	14	K.INILDHDIPEDPAEEWLGSWVNLK.-	29
PHEAT-7830	proteomics_heat	3924149	3924199	-	6	5	R.EYDTFCGAIDKLEAELK.N	21
PHEAT-7831	proteomics_heat	3924404	3924475	-	6	4	M.ADITLISGSTLGGAEYVAEHLEK.L	28
PHEAT-7832	proteomics_heat	3924649	3924684	-	5	3	R.SIDALQHVLINK.I	16
PHEAT-7833	proteomics_heat	3928004	3928075	-	6	2	R.RQYQLPVNVTASTLTLQKPLK.L	28
PHEAT-7834	proteomics_heat	3928118	3928150	-	6	2	R.HLQLQQQSDK.T	15
PHEAT-7835	proteomics_heat	3928475	3928555	-	6	4	R.SMLTSQQDENDNPVPDALQVTDEEYER.W	31
PHEAT-7836	proteomics_heat	3928715	3928762	-	6	2	K.AGPAILNTLLTAINER.Q	20
PHEAT-7837	proteomics_heat	3938916	3938957	-	4	3	K.AHLNLTMAEMAALK.E	18
PHEAT-7838	proteomics_heat	3939198	3939275	-	4	4	R.ILKGEYEPGTILPGEIELGEQFGVSR.T	30
PHEAT-7839	proteomics_heat	3939315	3939347	-	4	2	M.PLSAQLLAAQK.N	15
PHEAT-7840	proteomics_heat	3945754	3945801	-	5	2	K.LLPYAETLMSTWQAAR.K	20
PHEAT-7841	proteomics_heat	3957573	3957635	-	4	3	F.SCPVLEPTGPLHTQFGYHIIK.V	25
PHEAT-7842	proteomics_heat	3957573	3957644	-	4	2	K.VVFSCPVLEPTGPLHTQFGYHIIK.V	28
PHEAT-7843	proteomics_heat	3957675	3957701	-	4	3	K.RGGDLGEFR.Q	13
PHEAT-7844	proteomics_heat	3957759	3957788	-	4	2	K.LALDLLLEQIK.N	14
PHEAT-7845	proteomics_heat	3957798	3957827	-	4	2	K.TAAALHILVK.E	14
PHEAT-7846	proteomics_heat	3960987	3961067	-	4	2	K.LLATLNLNQTNPVDLSSLHQQNAVPPR.V	31
PHEAT-7847	proteomics_heat	3961851	3961898	-	4	2	R.LIYQGVAAHTTGGADQR.L	20
PHEAT-7848	proteomics_heat	3962076	3962129	-	4	2	R.LAAGLNSENALSNEAMER.G	22

PHEAT-7849	proteomics_heat	3962460	3962504	-	4	5	K.YNPDALMTDLPKPLR.L	19
PHEAT-7850	proteomics_heat	3962505	3962606	-	4	7	R.AGASGHSISLACEEYALNLPAIETYIGHSPVSK.Y	38
PHEAT-7851	proteomics_heat	3962625	3962699	-	4	11	R.GLHIPAVTHVFNYDLPDDCEDYVHR.I	29
PHEAT-7852	proteomics_heat	3962775	3962807	-	4	3	R.VGLLTGDVAQK.K	15
PHEAT-7853	proteomics_heat	3962925	3962963	-	4	5	R.IKEELFYPSNEEK.M	17
PHEAT-7854	proteomics_heat	3963147	3963203	-	4	4	K.QNHINLGAIQVVVLDEADR.M	23
PHEAT-7855	proteomics_heat	3963276	3963311	-	4	2	K.LGLAYGGDGYDK.Q	16
PHEAT-7856	proteomics_heat	3963312	3963371	-	4	10	R.ELAVQIHADAEPLEATGLK.L	24
PHEAT-7857	proteomics_heat	3963414	3963476	-	4	6	K.TMAFLTSTFHLLSHPAIADR.K	25
PHEAT-7858	proteomics_heat	3963477	3963512	-	4	14	R.DVAGQAQTGTGK.T	16
PHEAT-7859	proteomics_heat	3963513	3963572	-	4	6	K.GFHNCTPIQALALPLTLAGR.D	24
PHEAT-7860	proteomics_heat	3963513	3963575	-	4	2	K.KGFHNCTPIQALALPLTLAGR.D	25
PHEAT-7861	proteomics_heat	3963597	3963623	-	4	3	K.FSDFALHPK.V	13
PHEAT-7862	proteomics_heat	3964473	3964544	-	4	9	K.NNVLLTHTSQVFQPHIFAESDQLR.N	28
PHEAT-7863	proteomics_heat	3984850	3984885	-	5	4	K.HGEWQEASLAFR.A	16
PHEAT-7864	proteomics_heat	3984886	3984939	-	5	3	K.NVGDRPLLWSTLGQSLMK.H	22
PHEAT-7865	proteomics_heat	3984961	3984993	-	5	4	R.LKTNNPEQLEK.V	15
PHEAT-7866	proteomics_heat	3985186	3985233	-	5	2	R.AMLEQQAWIGLMDQAR.A	20
PHEAT-7867	proteomics_heat	3985261	3985308	-	5	2	R.TGAWSSLLDIIPSMK.A	20
PHEAT-7868	proteomics_heat	3985309	3985332	-	5	2	R.LAEQAYIR.T	12
PHEAT-7869	proteomics_heat	3985429	3985476	-	5	2	R.AAELAGNDTIPVEITR.V	20
PHEAT-7870	proteomics_heat	3985513	3985578	-	5	2	K.NADHAEQPVVNYLLAAEAAQQR.G	26
PHEAT-7871	proteomics_heat	3985591	3985623	-	5	2	K.LAEGDYQQVEK.L	15
PHEAT-7872	proteomics_heat	3985911	3986003	-	4	9	R.NLLAQPAAGTTEAKPAPAPQADTPAAAPQGE.-	35
PHEAT-7873	proteomics_heat	3986115	3986147	-	4	4	R.AYYDTDDATTK.A	15
PHEAT-7874	proteomics_heat	3986202	3986231	-	4	2	R.LLVAAQAVPR.H	14
PHEAT-7875	proteomics_heat	3986250	3986300	-	4	3	R.DDTAVPLLAPNQDIYLR.E	21
PHEAT-7876	proteomics_heat	3986250	3986306	-	4	5	R.RRDDTAVPLLAPNQDIYLR.E	23
PHEAT-7877	proteomics_heat	3986361	3986438	-	4	4	R.LADNDSGDGSPMDSGEELSSSISEWR.I	30
PHEAT-7878	proteomics_heat	3986439	3986474	-	4	2	K.LNQLSNQVDNLR.L	16
PHEAT-7879	proteomics_heat	3986547	3986600	-	4	4	K.SADASLADMNDPSLITVR.R	22
PHEAT-7880	proteomics_heat	3986601	3986648	-	4	2	R.KLWSDQDVTAAALLK.S	20
PHEAT-7881	proteomics_heat	3987003	3987044	-	4	8	R.EAVDTTSQPVATEK.K	18
PHEAT-7882	proteomics_heat	3987890	3987958	-	6	3	R.GAPQDAEQMGISLAEELLNNGAR.E	27
PHEAT-7883	proteomics_heat	3987890	3987961	-	6	5	R.RGAPQDAEQMGISLAEELLNNGAR.E	28
PHEAT-7884	proteomics_heat	3988109	3988150	-	6	2	R.ELLAALNHHETALR.V	18
PHEAT-7885	proteomics_heat	3988397	3988474	-	6	4	R.DAFVSNNYDSLALPAGSIVGTSSLR.R	30
PHEAT-7886	proteomics_heat	3988487	3988540	-	6	3	K.DVPVEFPQGLGLVTICER.E	22
PHEAT-7887	proteomics_heat	3991765	3991836	-	5	2	R.SGETFWDLLEQAATQQAGETVSFR.-	28
PHEAT-7888	proteomics_heat	3992059	3992082	-	5	2	T.MNDSEFHR.L	12
PHEAT-7889	proteomics_heat	3997570	3997632	-	5	2	H.LLPVPHGRGTPAAALNLRLLR.C	25
PHEAT-7890	proteomics_heat	4002442	4002471	-	5	4	R.HETISEDEL.R.Q	14
PHEAT-7891	proteomics_heat	4002472	4002552	-	5	17	Q.SILHGGVIASALDVAAGLVCVGSTLTR.H	31
PHEAT-7892	proteomics_heat	4009892	4009948	-	6	3	K.SAERPTYDAPTVRPGSPAR.L	23
PHEAT-7893	proteomics_heat	4010099	4010146	-	6	3	R.MGIAALPHWVVFESFER.Q	20
PHEAT-7894	proteomics_heat	4010192	4010230	-	6	6	R.HFLQPAGVSPSLK.S	17

PHEAT-7895	proteomics_heat	4010348	4010389	-	6	4	R.SGLHYSPMFDYEV.R.L	18
PHEAT-7896	proteomics_heat	4010570	4010668	-	6	4	R.FTPQGEILLQLANQVLPQISQALQACNEPQQTR.L	37
PHEAT-7897	proteomics_heat	4010711	4010797	-	6	2	R.NCGSLAAAAATLHQTQSALSHQFSDLEQR.L	33
PHEAT-7898	proteomics_heat	4013545	4013643	-	5	2	K.QPVDIATDLNAPILGLYGGQDNSIPQESVETMR.Q	37
PHEAT-7899	proteomics_heat	4013701	4013739	-	5	2	R.ITWLYAAHNPQLK.A	17
PHEAT-7900	proteomics_heat	4013794	4013850	-	5	5	K.VPDSQVLADLDHVASWASR.N	23
PHEAT-7901	proteomics_heat	4013851	4013910	-	5	10	R.EGDPNDFADIPTLLSGLVAK.V	24
PHEAT-7902	proteomics_heat	4013974	4014042	-	5	12	K.QSDGPLPVVIVVQEIFGVHEHIR.D	27
PHEAT-7903	proteomics_heat	4022500	4022538	-	5	5	K.DIVDPATPYPGDK.V	17
PHEAT-7904	proteomics_heat	4022539	4022604	-	5	5	R.FGASPAIVPSAVIHQLSVYKPK.D	26
PHEAT-7905	proteomics_heat	4026883	4026948	-	5	2	K.YLDMAQQYQHLGPLYEVPEGLR.N	26
PHEAT-7906	proteomics_heat	4027138	4027191	-	5	2	K.KEEDAAVEDLLAEVSQPK.R	22
PHEAT-7907	proteomics_heat	4028176	4028256	-	5	4	K.HYPAPITAVKTIEMAAARFGREEALNLE.N	31
PHEAT-7908	proteomics_heat	4028455	4028481	-	5	2	K.DVGADQALK.I	13
PHEAT-7909	proteomics_heat	4039456	4039497	-	5	3	K.DAFVNVNTPEELAR.W	18
PHEAT-7910	proteomics_heat	4039822	4039854	-	5	5	R.HQEIQASGLK.V	15
PHEAT-7911	proteomics_heat	4048510	4048563	-	5	5	R.LVDLPGYGYAEVPEEMKR.K	22
PHEAT-7912	proteomics_heat	4048564	4048605	-	5	6	R.TQLINLFEVADGKR.L	18
PHEAT-7913	proteomics_heat	4048639	4048671	-	5	3	K.SSALNTLTNQK.S	15
PHEAT-7914	proteomics_heat	4048687	4048731	-	5	4	R.HLPSDTGIEVAFAGR.S	19
PHEAT-7915	proteomics_heat	4048732	4048785	-	5	4	L.TNLNYQQTHFVMSAPDIR.H	22
PHEAT-7916	proteomics_heat	4052009	4052056	-	6	3	R.SGHQNLSEAQPELER.T	20
PHEAT-7917	proteomics_heat	4052252	4052287	-	6	2	K.LLHPETEALTR.L	16
PHEAT-7918	proteomics_heat	4052549	4052620	-	6	2	R.FEQADGGTFLFLDEIGDMPLDVQTR.L	28
PHEAT-7919	proteomics_heat	4052915	4052950	-	6	5	R.AISHYQEQQPR.N	16
PHEAT-7920	proteomics_heat	4053376	4053402	-	5	2	R.NLIDQHSGK.I	13
PHEAT-7921	proteomics_heat	4053970	4054014	-	5	3	R.LSQEQLQHAQQVAAR.D	19
PHEAT-7922	proteomics_heat	4054651	4054692	-	5	9	R.MTPHPVEFELYYSV.-	18
PHEAT-7923	proteomics_heat	4054717	4054767	-	5	191	K.AGGVFTDEAIDAYIALR.R	21
PHEAT-7924	proteomics_heat	4054768	4054839	-	5	16	K.EIPQVAGSLEEALNELDLREFLK.A	28
PHEAT-7925	proteomics_heat	4054768	4054872	-	5	3	K.NLYDLPPEEAKEIPQVAGSLEEALNELDLREFLK.A	39
PHEAT-7926	proteomics_heat	4054780	4054839	-	5	2	K.EIPQVAGSLEEALNELDLDR.E	24
PHEAT-7927	proteomics_heat	4054780	4054872	-	5	4	K.NLYDLPPEEAKEIPQVAGSLEEALNELDLDR.E	35
PHEAT-7928	proteomics_heat	4054840	4054872	-	5	2	K.NLYDLPPEEAK.E	15
PHEAT-7929	proteomics_heat	4054840	4054899	-	5	9	K.IHPGEAMDKNLYDLPPEEAK.E	24
PHEAT-7930	proteomics_heat	4054900	4054977	-	5	3	R.FPDPAANPYLCFAALLMAGLDGIKNK.I	30
PHEAT-7931	proteomics_heat	4054906	4054944	-	5	2	C.FAALLMAGLDGIK.N	17
PHEAT-7932	proteomics_heat	4054906	4054977	-	5	153	R.FPDPAANPYLCFAALLMAGLDGIK.N	28
PHEAT-7933	proteomics_heat	4054906	4055010	-	5	2	V.SSPKARRIEVRFDPDPAANPYLCFAALLMAGLDGIK.N	39
PHEAT-7934	proteomics_heat	4054999	4055022	-	5	2	R.IPVVSSPK.A	12
PHEAT-7935	proteomics_heat	4055044	4055091	-	5	5	R.LVPGYEAPVMLAYSAR.N	20
PHEAT-7936	proteomics_heat	4055092	4055136	-	5	13	K.AINALANPTTNSYKR.L	19
PHEAT-7937	proteomics_heat	4055095	4055136	-	5	11	K.AINALANPTTNSYK.R	18
PHEAT-7938	proteomics_heat	4055146	4055196	-	5	52	K.YAGLSEQALYYIGGVK.H	21
PHEAT-7939	proteomics_heat	4055146	4055226	-	5	233	K.NGVNLFAGDKYAGLSEQALYYIGGVK.H	31
PHEAT-7940	proteomics_heat	4055197	4055226	-	5	6	K.NGVNLFAGDK.Y	14

PHEAT-7941	proteomics_heat	4055227	4055280	-	5	7	K.PMFGDNGSGMHCHMSLSK.N	22
PHEAT-7942	proteomics_heat	4055227	4055301	-	5	2	K.TATFMPKPMFGDNGSGMHCHMSLSK.N	29
PHEAT-7943	proteomics_heat	4055338	4055361	-	5	2	K.ADEIQIYK.Y	12
PHEAT-7944	proteomics_heat	4055338	4055364	-	5	9	K.KADEIQIYK.Y	13
PHEAT-7945	proteomics_heat	4055383	4055427	-	5	2	H.HHEVATAGQNEVATR.F	19
PHEAT-7946	proteomics_heat	4055383	4055478	-	5	19	R.SEMCLVMEQMGLVVEAHHHEVATAGQNEVATR.F	36
PHEAT-7947	proteomics_heat	4055479	4055526	-	5	20	K.GGYFPVPPVDSAQDIR.S	20
PHEAT-7948	proteomics_heat	4055527	4055637	-	5	2	R.FGSSISGSHVAIDDIEGAWNSSTQYEGGNKGHRPAVK.G	41
PHEAT-7949	proteomics_heat	4055548	4055637	-	5	29	R.FGSSISGSHVAIDDIEGAWNSSTQYEGGNK.G	34
PHEAT-7950	proteomics_heat	4055578	4055637	-	5	2	R.FGSSISGSHVAIDDIEGAWN.S	24
PHEAT-7951	proteomics_heat	4055638	4055679	-	5	5	L.FGPEPEFFLFDDIR.F	18
PHEAT-7952	proteomics_heat	4055638	4055706	-	5	121	R.STGIADTVLFGPEPEFFLFDDIR.F	27
PHEAT-7953	proteomics_heat	4055707	4055727	-	5	2	K.RAEDYLR.S	11
PHEAT-7954	proteomics_heat	4055749	4055790	-	5	3	R.CDILEPGTLQGYDR.D	18
PHEAT-7955	proteomics_heat	4055791	4055823	-	5	5	D.PFFADSTLIIR.C	15
PHEAT-7956	proteomics_heat	4055791	4055850	-	5	3	M.PDASTAVIDPFFADSTLIIR.C	24
PHEAT-7957	proteomics_heat	4055791	4055880	-	5	47	K.GINESDMVLPDASTAVIDPFFADSTLIIR.C	34
PHEAT-7958	proteomics_heat	4055881	4055913	-	5	7	K.MFDGSSIGGWK.G	15
PHEAT-7959	proteomics_heat	4055914	4055973	-	5	21	K.EQHVTIPAHQVNAEFFEEGK.M	24
PHEAT-7960	proteomics_heat	4055914	4055979	-	5	24	K.GKEQHVTIPAHQVNAEFFEEGK.M	26
PHEAT-7961	proteomics_heat	4056010	4056051	-	5	5	S.AEHVLTMLNEHEVK.F	18
PHEAT-7962	proteomics_heat	4056010	4056054	-	5	45	M.SAEHVLTMLNEHEVK.F	19
PHEAT-7963	proteomics_heat	4072558	4072626	-	5	4	F.DHSQGSRLVHRDVCILTPLHRWR.S	27
PHEAT-7964	proteomics_heat	4078574	4078618	-	6	2	R.YLHCNLCETEWHVVR.V	19
PHEAT-7965	proteomics_heat	4079012	4079086	-	6	13	R.FAALIAHAQEVVLYDHPLEMDLTAR.I	29
PHEAT-7966	proteomics_heat	4080558	4080614	-	4	5	R.DTVGNNIGVYDNPNDLSAK.S	23
PHEAT-7967	proteomics_heat	4081056	4081124	-	4	3	K.HALLNAILQPEQFVEIGESLANK.L	27
PHEAT-7968	proteomics_heat	4083375	4083422	-	4	2	R.DANYIAQNAEGVTVNR.W	20
PHEAT-7969	proteomics_heat	4101811	4101867	-	5	4	K.DGITITVDDDGPGVSPEDR.E	23
PHEAT-7970	proteomics_heat	4101922	4102008	-	5	6	K.SLTVNFPPGPWPLYGNPNALESALENIVR.N	33
PHEAT-7971	proteomics_heat	4102009	4102071	-	5	2	K.ANQLWSEVLDNAAFEAEQMGK.S	25
PHEAT-7972	proteomics_heat	4103037	4103057	-	4	2	K.DGHPWFK.T	11
PHEAT-7973	proteomics_heat	4103079	4103108	-	4	5	R.AIDMHISNLR.R	14
PHEAT-7974	proteomics_heat	4103130	4103159	-	4	7	R.EHLSQEVLGK.R	14
PHEAT-7975	proteomics_heat	4103160	4103258	-	4	16	R.QEASFDGQTLELTGTEFTLLYLLAQHLGQVVS.R.E	37
PHEAT-7976	proteomics_heat	4103259	4103342	-	4	2	R.SHWSEQQQNNNDNGSPTLEVDALVLPGR.Q	32
PHEAT-7977	proteomics_heat	4103379	4103435	-	4	4	R.VLGLELGADDYLKPKFNDR.E	23
PHEAT-7978	proteomics_heat	4103454	4103492	-	4	5	R.QTHQTPVIMLTAR.G	17
PHEAT-7979	proteomics_heat	4103502	4103525	-	4	3	K.KNGIDTLK.A	12
PHEAT-7980	proteomics_heat	4103640	4103684	-	4	5	K.ILLVDDDRELTSLK.E	19
PHEAT-7981	proteomics_heat	4104521	4104601	-	6	14	L.TDPVYHHAKILISNSSEAIIVAAIAAR.L	31
PHEAT-7982	proteomics_heat	4108790	4108816	-	6	5	K.ADAFAVIVK.A	13
PHEAT-7983	proteomics_heat	4108817	4108846	-	6	3	D.GALVGGASLK.A	14
PHEAT-7984	proteomics_heat	4108817	4108912	-	6	3	I.IQYGGSVNASNAELFAQPDIDGALVGGASLK.A	36
PHEAT-7985	proteomics_heat	4108817	4108942	-	6	124	K.VDANIAEQVIIQYGGSVNASNAELFAQPDIDGALVGGASLK.A	46
PHEAT-7986	proteomics_heat	4108967	4108993	-	6	2	T.PAQAAVHK.F	13

PHEAT-7987	proteomics_heat	4108967	4108996	-	6	5	A.TPAQAQAVHK.F	14
PHEAT-7988	proteomics_heat	4108967	4109002	-	6	22	K.SATPAQAQAVHK.F	16
PHEAT-7989	proteomics_heat	4108970	4109002	-	6	2	K.SATPAQAQAVH.K	15
PHEAT-7990	proteomics_heat	4109003	4109074	-	6	47	K.TQGAAAFEGAVIAYEPVWAIGTGK.S	28
PHEAT-7991	proteomics_heat	4109075	4109095	-	6	2	R.QIDAVLK.T	11
PHEAT-7992	proteomics_heat	4109096	4109179	-	6	2	K.EQGLTPVLCIGETEAEENEAGKTEEV.CAR.Q	32
PHEAT-7993	proteomics_heat	4109117	4109179	-	6	2	K.EQGLTPVLCIGETEAEENEAGK.T	25
PHEAT-7994	proteomics_heat	4109195	4109221	-	6	4	K.ESEDELIAKK.F	13
PHEAT-7995	proteomics_heat	4109195	4109233	-	6	2	R.TYHKESDELIAKK.F	17
PHEAT-7996	proteomics_heat	4109198	4109233	-	6	2	R.TYHKESDELIAK.K	16
PHEAT-7997	proteomics_heat	4109237	4109278	-	6	16	K.DIGAQYIIIGHSER.R	18
PHEAT-7998	proteomics_heat	4109279	4109374	-	6	109	R.EAEGSHIMLGAQNVDLNLGSAFTGETSAAMLK.D	36
PHEAT-7999	proteomics_heat	4109375	4109446	-	6	7	K.ELAGVAGCAVAIAPPEMYIDMAKR.E	28
PHEAT-8000	proteomics_heat	4109378	4109446	-	6	14	K.ELAGVAGCAVAIAPPEMYIDMAK.R	27
PHEAT-8001	proteomics_heat	4112016	4112063	-	4	3	R.YAADLSYLPLMQELEK.R	20
PHEAT-8002	proteomics_heat	4112064	4112090	-	4	3	K.NLVLVHAAR.Y	13
PHEAT-8003	proteomics_heat	4112274	4112345	-	4	2	R.AYSYVNSPDNPDLEFYLVTPDGK.L	28
PHEAT-8004	proteomics_heat	4112382	4112462	-	4	4	K.VQNWTDALFSLTVHAPVLPFTAGQFTK.L	31
PHEAT-8005	proteomics_heat	4113063	4113104	-	4	2	R.HDAVIAEMQQLGVR.V	18
PHEAT-8006	proteomics_heat	4113105	4113170	-	4	3	R.NVAAALGKPLSELTVTILAKPR.H	26
PHEAT-8007	proteomics_heat	4113111	4113170	-	4	3	R.NVAAALGKPLSELTVTILAK.P	24
PHEAT-8008	proteomics_heat	4113480	4113524	-	4	2	R.GDKNTADGAAVNAMR.I	19
PHEAT-8009	proteomics_heat	4113806	4113838	-	6	2	R.EFRPGIETTER.N	15
PHEAT-8010	proteomics_heat	4113854	4113934	-	6	3	R.EVTALGAAYLAGLAVGFWQNLDELQEK.A	31
PHEAT-8011	proteomics_heat	4113956	4114021	-	6	2	R.VDGGAVANNFLMQFQSDILGTR.V	26
PHEAT-8012	proteomics_heat	4114037	4114075	-	6	3	R.DVLEAMQADSGIR.L	17
PHEAT-8013	proteomics_heat	4114076	4114108	-	6	2	R.ATLESIAQTR.D	15
PHEAT-8014	proteomics_heat	4114160	4114237	-	6	2	K.VQNTNGVYVPAFTGLGAPYWDPYAR.G	30
PHEAT-8015	proteomics_heat	4114409	4114456	-	6	3	K.NTYGTGCFMLMNTGEK.A	20
PHEAT-8016	proteomics_heat	4114547	4114585	-	6	2	R.SSEVYGQTNIGGK.G	17
PHEAT-8017	proteomics_heat	4114547	4114588	-	6	3	R.RSSEVYGQTNIGGK.G	18
PHEAT-8018	proteomics_heat	4114637	4114678	-	6	2	R.TMLFNIHTLDWDDK.M	18
PHEAT-8019	proteomics_heat	4114679	4114711	-	6	3	R.VHVTDYTNASR.T	15
PHEAT-8020	proteomics_heat	4114925	4114969	-	6	3	K.ETGKPIYNAIVWQCR.R	19
PHEAT-8021	proteomics_heat	4114994	4115044	-	6	3	K.ADISSDQIAAIGITNQR.E	21
PHEAT-8022	proteomics_heat	4115144	4115191	-	6	3	R.AVVMHDANIISVSQR.E	20
PHEAT-8023	proteomics_heat	4116964	4117017	-	5	3	M.AAIPVGAAGEGIGESDVR.V	22
PHEAT-8024	proteomics_heat	4116964	4117062	-	5	3	R.QVDDLEELDIGIQAMAAIPVGAAGEGIGESDVR.V	37
PHEAT-8025	proteomics_heat	4117063	4117113	-	5	28	R.LAVQNEWEGLVYIGAVR.Q	21
PHEAT-8026	proteomics_heat	4117114	4117140	-	5	4	R.ALVDAELAR.L	13
PHEAT-8027	proteomics_heat	4117183	4117233	-	5	3	K.CFEDNGLLYDLLEQNGR.G	21
PHEAT-8028	proteomics_heat	4117234	4117266	-	5	2	R.ASFGGQIITVK.C	15
PHEAT-8029	proteomics_heat	4117267	4117347	-	5	9	K.YDTSELCDIYQEDVNVVVEPLFSNFGGR.A	31
PHEAT-8030	proteomics_heat	4117267	4117353	-	5	22	P.MKYDTSELCDIYQEDVNVVVEPLFSNFGGR.A	33
PHEAT-8031	proteomics_heat	4118451	4118489	-	4	13	K.HLDALVAEEDLSR.F	17
PHEAT-8032	proteomics_heat	4118592	4118645	-	4	5	R.IAEAAWQVNESTENIGAR.R	22

PHEAT-8033	proteomics_heat	4118646	4118702	-	4	2	K.ALMATEGVNIEFTDSGIKR.I	23
PHEAT-8034	proteomics_heat	4118703	4118744	-	4	5	R.ILTEPNASITVQYK.A	18
PHEAT-8035	proteomics_heat	4118745	4118783	-	4	4	R.VELQALTTSDFER.I	17
PHEAT-8036	proteomics_heat	4118796	4118876	-	4	4	K.TDHILFIASGAFQIAKPSDLIPELQGR.L	31
PHEAT-8037	proteomics_heat	4118829	4118876	-	4	2	K.TDHILFIASGAFQIAK.P	20
PHEAT-8038	proteomics_heat	4118892	4118933	-	4	5	R.DLLPLVEGCTVSTK.H	18
PHEAT-8039	proteomics_heat	4118949	4118981	-	4	5	K.RGESSGPDVSR.E	15
PHEAT-8040	proteomics_heat	4118982	4119050	-	4	6	K.QDAIDAVEQHGIVFIDEIDKICK.R	27
PHEAT-8041	proteomics_heat	4118991	4119050	-	4	5	K.QDAIDAVEQHGIVFIDEIDK.I	24
PHEAT-8042	proteomics_heat	4118991	4119074	-	4	11	K.LVNPEELKQDAIDAVEQHGIVFIDEIDK.I	32
PHEAT-8043	proteomics_heat	4119303	4119350	-	4	4	K.NNWWGQTEQQQEPSAAR.Q	20
PHEAT-8044	proteomics_heat	4119351	4119380	-	4	2	R.ILDVLIPPAK.N	14
PHEAT-8045	proteomics_heat	4119381	4119410	-	4	6	R.YRAEELAEER.I	14
PHEAT-8046	proteomics_heat	4119444	4119467	-	4	3	R.DLTDAAVK.M	12
PHEAT-8047	proteomics_heat	4119531	4119554	-	4	3	K.LANAPFIK.V	12
PHEAT-8048	proteomics_heat	4119582	4119617	-	4	6	K.NILMIGPTGVGK.T	16
PHEAT-8049	proteomics_heat	4119618	4119659	-	4	3	R.MQLNEELRHEVTPK.N	18
PHEAT-8050	proteomics_heat	4119696	4119749	-	4	8	R.EIVSELDKHIGQDNAKR.S	22
PHEAT-8051	proteomics_heat	4119699	4119725	-	4	9	K.HIIGQDNAK.R	13
PHEAT-8052	proteomics_heat	4119699	4119749	-	4	5	R.EIVSELDKHIGQDNAK.R	21
PHEAT-8053	proteomics_heat	4119726	4119749	-	4	2	R.EIVSELDK.H	12
PHEAT-8054	proteomics_heat	4120224	4120283	-	4	10	R.NGHVVIAGDQGQATLGNTVMK.G	24
PHEAT-8055	proteomics_heat	4120454	4120486	-	6	4	K.GKENADSTLNR.L	15
PHEAT-8056	proteomics_heat	4120775	4120810	-	6	3	R.TSQAAPVQAQPR.Q	16
PHEAT-8057	proteomics_heat	4121006	4121035	-	6	2	K.TPEQLTPEQR.Q	14
PHEAT-8058	proteomics_heat	4121036	4121071	-	6	2	R.APTEPSAGGEVK.T	16
PHEAT-8059	proteomics_heat	4121117	4121155	-	6	2	K.VTGNGLPPKPEER.W	17
PHEAT-8060	proteomics_heat	4123979	4124029	-	6	2	R.FNAPVEVLHSGLNDSER.L	21
PHEAT-8061	proteomics_heat	4126182	4126268	-	4	19	R.HATNSELLCEAFLHAFTGQPLPDDADLRK.E	33
PHEAT-8062	proteomics_heat	4126185	4126268	-	4	10	R.HATNSELLCEAFLHAFTGQPLPDDADLRK	32
PHEAT-8063	proteomics_heat	4126221	4126268	-	4	3	R.HATNSELLCEAFLHAF.T	20
PHEAT-8064	proteomics_heat	4126227	4126268	-	4	2	R.HATNSELLCEAFLH.A	18
PHEAT-8065	proteomics_heat	4126365	4126415	-	4	5	M.AEWSGEYISPYAEHGKK.S	21
PHEAT-8066	proteomics_heat	4126368	4126415	-	4	3	M.AEWSGEYISPYAEHGK.K	20
PHEAT-8067	proteomics_heat	4135549	4135599	-	5	3	T.VVQIQANTNLAIDGAR.Q	21
PHEAT-8068	proteomics_heat	4136363	4136410	-	6	3	K.AMLAAEQHVVTPALER.V	20
PHEAT-8069	proteomics_heat	4136519	4136569	-	6	5	R.LLAAGIGDALATWFEAR.A	21
PHEAT-8070	proteomics_heat	4136834	4136899	-	6	6	K.DAGLVVEIAPFGGECSEQNEIDR.L	26
PHEAT-8071	proteomics_heat	4137300	4137329	-	4	3	R.VDAQGGDGIR.T	14
PHEAT-8072	proteomics_heat	4137354	4137428	-	4	2	K.EGITTLGTAVYSAAQGLLAALAGAK.Y	29
PHEAT-8073	proteomics_heat	4146672	4146746	-	4	4	K.YSLAELIHTWSDLAGLSYDGYDPT.R.S	29
PHEAT-8074	proteomics_heat	4146750	4146773	-	4	5	R.DFSQDVDR.K	12
PHEAT-8075	proteomics_heat	4146795	4146836	-	4	2	R.HMYTIPFLLWTSEK.W	18
PHEAT-8076	proteomics_heat	4147143	4147202	-	4	3	R.EYDTNVLKPFEVLENDPAPK.K	24
PHEAT-8077	proteomics_heat	4147218	4147253	-	4	2	R.QTDKQYYMNQQR.T	16
PHEAT-8078	proteomics_heat	4147281	4147319	-	4	2	K.TFWITNQQTMTAR.N	17



PHEAT-8079	proteomics_heat	4147335	4147382	-	4	2	K.NPDLYLTQPSLMNMMK.Q	20
PHEAT-8080	proteomics_heat	4147671	4147721	-	4	6	R.MEPAAPWQFLTGYQYR.Q	21
PHEAT-8081	proteomics_heat	4148482	4148532	-	5	64	R.VEQALMVTIAGIAAGMR.N	21
PHEAT-8082	proteomics_heat	4148575	4148625	-	5	19	R.NIYTDPLNVLQAEELLHR.S	21
PHEAT-8083	proteomics_heat	4148626	4148700	-	5	130	K.VVLAIANDSHLMADLPWIAESIQLR.N	29
PHEAT-8084	proteomics_heat	4148701	4148724	-	5	4	R.NLQEEDIK.V	12
PHEAT-8085	proteomics_heat	4148767	4148802	-	5	5	K.ADLWLAEYYDQR.L	16
PHEAT-8086	proteomics_heat	4148803	4148832	-	5	10	R.LGMLEMVFAK.A	14
PHEAT-8087	proteomics_heat	4148857	4148883	-	5	3	K.QSELEAMCR.D	13
PHEAT-8088	proteomics_heat	4148857	4148901	-	5	8	K.VVEDGKQSELEAMCR.D	19
PHEAT-8089	proteomics_heat	4148902	4148946	-	5	10	R.LMLPAWLGAGTALQK.V	19
PHEAT-8090	proteomics_heat	4148947	4148982	-	5	10	R.AIPWIFAWTQNR.L	16
PHEAT-8091	proteomics_heat	4148983	4149012	-	5	2	R.RPTGGVESLR.A	14
PHEAT-8092	proteomics_heat	4149016	4149072	-	5	14	R.SATPEQELGKPLGSRPAK.R	23
PHEAT-8093	proteomics_heat	4149025	4149072	-	5	5	R.SATPEQELGKPLGSR.P	20
PHEAT-8094	proteomics_heat	4149073	4149102	-	5	3	R.ENKDFVPYFR.S	14
PHEAT-8095	proteomics_heat	4149115	4149156	-	5	23	R.IMDELSVISCDVYR.G	18
PHEAT-8096	proteomics_heat	4149115	4149159	-	5	7	R.RIMDELSVISCDVYR.G	19
PHEAT-8097	proteomics_heat	4149172	4149261	-	5	4	K.YGLPEITVSSLSLYTGAILEANLLPPEPK.E	34
PHEAT-8098	proteomics_heat	4149268	4149294	-	5	2	R.VTEQGEMIR.F	13
PHEAT-8099	proteomics_heat	4149307	4149360	-	5	19	R.GGAPAAHALLSQPPGSLK.G	22
PHEAT-8100	proteomics_heat	4149379	4149411	-	5	17	K.AGIELTLFHGR.G	15
PHEAT-8101	proteomics_heat	4149424	4149483	-	5	22	K.DAGVMAASWAQYQAQDALIK.T	24
PHEAT-8102	proteomics_heat	4149484	4149519	-	5	3	K.QMVMIGYSDSAK.D	16
PHEAT-8103	proteomics_heat	4149649	4149687	-	5	30	K.TPSDVLAVHLLK.E	17
PHEAT-8104	proteomics_heat	4149688	4149765	-	5	47	R.EVLDTQCQVIAEAPQGSIAAYVISMAK.T	30
PHEAT-8105	proteomics_heat	4149826	4149888	-	5	11	R.YLGIGDYESWSEADKQAF.LIR.E	25
PHEAT-8106	proteomics_heat	4149835	4149888	-	5	2	R.YLGIGDYESWSEADKQAF.L	22
PHEAT-8107	proteomics_heat	4149844	4149888	-	5	3	R.YLGIGDYESWSEADK.Q	19
PHEAT-8108	proteomics_heat	4149889	4149918	-	5	13	R.HTEALGELTR.Y	14
PHEAT-8109	proteomics_heat	4149946	4149969	-	5	4	K.CFGVPLVR.I	12
PHEAT-8110	proteomics_heat	4150024	4150122	-	5	2	R.LKGEELPKPEGLLTQNEELWEPLYACYQSLQAC.G	37
PHEAT-8111	proteomics_heat	4150123	4150155	-	5	8	R.LMATQAWLEAR.L	15
PHEAT-8112	proteomics_heat	4150183	4150278	-	5	18	K.DIQVLVSELSMVEATPELLALVGEEGAAEPYR.Y	36
PHEAT-8113	proteomics_heat	4150327	4150362	-	5	17	R.DGNPNVTADITR.H	16
PHEAT-8114	proteomics_heat	4150327	4150389	-	5	4	R.FTSWMGGDRDGNPNVTADITR.H	25
PHEAT-8115	proteomics_heat	4150390	4150416	-	5	6	K.LPVEFVPVR.F	13
PHEAT-8116	proteomics_heat	4150390	4150455	-	5	6	R.ELNEQLEENLGYPVEFVPVR.F	26
PHEAT-8117	proteomics_heat	4150417	4150455	-	5	5	R.ELNEQLEENLGYPK.L	17
PHEAT-8118	proteomics_heat	4150456	4150506	-	5	7	G.FAVVENS LWQGVPNYL.R.E	21
PHEAT-8119	proteomics_heat	4150513	4150542	-	5	5	K.LRPSPVDEAK.W	14
PHEAT-8120	proteomics_heat	4150543	4150584	-	5	8	R.QLIAQSWHTDEIRK.L	18
PHEAT-8121	proteomics_heat	4150546	4150584	-	5	6	R.QLIAQSWHTDEIR.K	17
PHEAT-8122	proteomics_heat	4150594	4150629	-	5	4	K.DIADYEHNQLMR.R	16
PHEAT-8123	proteomics_heat	4150594	4150644	-	5	6	K.QLDNKDIADYEHNQLMR.R	21
PHEAT-8124	proteomics_heat	4150645	4150671	-	5	4	K.MVEVNACLK.Q	13

PHEAT-8125	proteomics_heat	4150690	4150749	-	5	17	K.AVESLSLELVLTAHPTEITR.R	24
PHEAT-8126	proteomics_heat	4150750	4150785	-	5	9	K.NQPELSEDTIKK.A	16
PHEAT-8127	proteomics_heat	4150750	4150791	-	5	10	K.LKNQPELSEDTIKK.A	18
PHEAT-8128	proteomics_heat	4150753	4150791	-	5	5	K.LKNQPELSEDTIK.K	17
PHEAT-8129	proteomics_heat	4150804	4150839	-	5	7	K.GEAASNPEVIAR.T	16
PHEAT-8130	proteomics_heat	4150840	4150902	-	5	13	R.AFSQFLNLANTAQYHSISPK.G	25
PHEAT-8131	proteomics_heat	4150855	4150902	-	5	2	R.AFSQFLNLANTAQYH.S	20
PHEAT-8132	proteomics_heat	4150903	4150962	-	5	7	R.QELLTTLQNLNDELPPVAR.A	24
PHEAT-8133	proteomics_heat	4150903	4150983	-	5	7	R.AGNDANRQELLTTLQNLNDELPPVAR.A	31
PHEAT-8134	proteomics_heat	4151020	4151049	-	5	4	K.DALGEHILER.V	14
PHEAT-8135	proteomics_heat	4151020	4151070	-	5	16	K.VLGETIKDALGEHILER.V	21
PHEAT-8136	proteomics_heat	4151071	4151094	-	5	3	R.SNVSMGLK.V	12
PHEAT-8137	proteomics_heat	4151095	4151118	-	5	3	M.NEQYSALR.S	12
PHEAT-8138	proteomics_heat	4151095	4151121	-	5	2	N.MNEQYSALR.S	13
PHEAT-8139	proteomics_heat	4151722	4151760	-	5	3	R.ELITQVIHHFCWH.-	17
PHEAT-8140	proteomics_heat	4152007	4152078	-	5	10	R.PLPGMTLNLNGLLNDALAPVSER.W	28
PHEAT-8141	proteomics_heat	4152007	4152090	-	5	2	H.MDIRPLPGMTLNLNGLLNDALAPVSER.W	32
PHEAT-8142	proteomics_heat	4152115	4152174	-	5	3	F.TVPYPTLNLGHIHGGDASNR.I	24
PHEAT-8143	proteomics_heat	4152115	4152192	-	5	3	R.YHYEAFTVPYPTLNLGHIHGGDASNR.I	30
PHEAT-8144	proteomics_heat	4152211	4152267	-	5	17	R.GVNAIELMHDAIGHILQLR.D	23
PHEAT-8145	proteomics_heat	4152268	4152306	-	5	10	R.IQGQSGHSSDPAR.G	17
PHEAT-8146	proteomics_heat	4152340	4152414	-	5	8	R.YFAETTLALRPDCAIIGEPTSLQPVR.A	29
PHEAT-8147	proteomics_heat	4152415	4152477	-	5	3	K.LKKPLYILATADEETSMAGAR.Y	25
PHEAT-8148	proteomics_heat	4152529	4152591	-	5	2	R.DPFTLTEHDGKLYGLGTADMK.G	25
PHEAT-8149	proteomics_heat	4152601	4152687	-	5	7	K.FNMLASIGQGAGGLLLAGHTDTPFDDGR.W	33
PHEAT-8150	proteomics_heat	4152601	4152693	-	5	9	R.NKFNMLASIGQGAGGLLLAGHTDTPFDDGR.W	35
PHEAT-8151	proteomics_heat	4152694	4152738	-	5	6	K.DLGFNVVEVQVPVGR.N	19
PHEAT-8152	proteomics_heat	4152832	4152864	-	5	4	K.NKLPPFIEIYR.A	15
PHEAT-8153	proteomics_heat	4157449	4157520	-	5	4	K.GGGNTIEYFVNTTFNYPTMAEAYR.V	28
PHEAT-8154	proteomics_heat	4157521	4157565	-	5	5	R.AAEIIHIGQAIMEQK.G	19
PHEAT-8155	proteomics_heat	4157731	4157808	-	5	3	K.GEATAHLIEDIPTGIYTIPEISSVGK.T	30
PHEAT-8156	proteomics_heat	4157833	4157931	-	5	2	K.VNSMYQTAQPHVYAVGDVIGYPSLASAAYDQGR.I	37
PHEAT-8157	proteomics_heat	4157944	4158000	-	5	2	R.TGNTDSLALQNLIGLETDSR.G	23
PHEAT-8158	proteomics_heat	4158049	4158108	-	5	4	R.HNEEYKIEGCDDGVIMHLK.S	24
PHEAT-8159	proteomics_heat	4158283	4158327	-	5	3	R.IYSDSILSMHHEPR.H	19
PHEAT-8160	proteomics_heat	4158328	4158366	-	5	4	R.PYHPTDVFDFTHPR.I	17
PHEAT-8161	proteomics_heat	4158460	4158492	-	5	2	R.NHCEILQGNAR.F	15
PHEAT-8162	proteomics_heat	4158517	4158573	-	5	3	R.SSFADILNHADNVINQQTR.M	23
PHEAT-8163	proteomics_heat	4158652	4158702	-	5	3	R.YQNVGGGCTHWGTIPSK.A	21
PHEAT-8164	proteomics_heat	4158733	4158810	-	5	3	M.PHSYDYDAIVIGSGPGGEGAAMGLVK.Q	30
PHEAT-8165	proteomics_heat	4160502	4160591	-	4	2	R.VLATEIAKPSVAAAQYNIAANHIDNVQIIR.M	34
PHEAT-8166	proteomics_heat	4160781	4160819	-	4	3	K.TKIELDQDYIDER.L	17
PHEAT-8167	proteomics_heat	4160829	4160861	-	4	4	R.AQNLNVHLIGR.A	15
PHEAT-8168	proteomics_heat	4160874	4160915	-	4	3	K.KLDDEWRQEAELR.D	18
PHEAT-8169	proteomics_heat	4161006	4161074	-	4	2	R.VDSFPAASELINQLMTAMIAGVR.N	27
PHEAT-8170	proteomics_heat	4161006	4161080	-	4	5	R.IRVDSFPAASELINQLMTAMIAGVR.N	29

PHEAT-8171	proteomics_heat	4161087	4161140	-	4	2	R.IWHDGDDLYHIIFDQQT.K.S	22
PHEAT-8172	proteomics_heat	4161180	4161230	-	4	7	R.LQSMMPFSDLVPEVFR.S	21
PHEAT-8173	proteomics_heat	4161240	4161293	-	4	2	I.MTPEHLPTQYEAQLAEK.V	22
PHEAT-8174	proteomics_heat	4172111	4172140	-	6	3	K.SANHAVEEVR.L	14
PHEAT-8175	proteomics_heat	4172258	4172311	-	6	2	K.FREGAFTDPDSYFHNYAK.L	22
PHEAT-8176	proteomics_heat	4172639	4172692	-	6	6	R.RVELITTDGFLHPNQVLK.E	22
PHEAT-8177	proteomics_heat	4172936	4172977	-	6	2	R.DSVPMTLSEDIAR.L	18
PHEAT-8178	proteomics_heat	4173534	4173638	-	4	15	L.FIRAGKRTRYRLGLRHRVAEIGGGGRIRTFEVC DGR.F	39
PHEAT-8179	proteomics_heat	4173777	4173866	-	4	2	R.EEKRS GADRQIRTADLT LTKGALYQLSYIS.T	34
PHEAT-8180	proteomics_heat	4189058	4189108	-	6	3	R.LRPCTGGIEPASIMDER.Q	21
PHEAT-8181	proteomics_heat	4189379	4189444	-	6	2	R.EQFSSLQMEVQPLAETEAELK.Q	26
PHEAT-8182	proteomics_heat	4189712	4189774	-	6	2	R.DDMMALLSPAASGYLEQLAQR.A	25
PHEAT-8183	proteomics_heat	4189891	4189944	-	5	2	R.SYFAHATSPLTGFLEASA.-	22
PHEAT-8184	proteomics_heat	4190167	4190241	-	5	3	R.LEEVGCAAVMPLGAPIGSNQGLET.R.A	29
PHEAT-8185	proteomics_heat	4190167	4190244	-	5	8	K.RLEEVGCAAVMPLGAPIGSNQGLET.R.A	30
PHEAT-8186	proteomics_heat	4190245	4190316	-	5	7	K.AAETLVQQGFVVL PYCGADPVLCK.R	28
PHEAT-8187	proteomics_heat	4190317	4190349	-	5	3	R.WLLPDIETLK.A	15
PHEAT-8188	proteomics_heat	4190401	4190439	-	5	5	K.TAEAIFAAHLAR.E	17
PHEAT-8189	proteomics_heat	4190440	4190514	-	5	5	R.QHNDAILEPLIAAGV TLLPNTSGAK.T	29
PHEAT-8190	proteomics_heat	4190530	4190565	-	5	2	R.ASGSQLVTLAMK.R	16
PHEAT-8191	proteomics_heat	4190566	4190601	-	5	4	K.FASSQLMVEAIR.A	16
PHEAT-8192	proteomics_heat	4190602	4190637	-	5	3	K.TFDSLHTGTGK.F	16
PHEAT-8193	proteomics_heat	4190602	4190649	-	5	6	R.IADKTFDSLHTGTGK.F	20
PHEAT-8194	proteomics_heat	4190777	4190860	-	6	3	A.MQILFNDQAMQCAAGQTVHELLEQLDQR.Q	32
PHEAT-8195	proteomics_heat	4190847	4190894	-	4	4	R.RASGCPVCGGSNADPV.-	20
PHEAT-8196	proteomics_heat	4190940	4190978	-	4	2	K.LLSGIETPAGELR.L	17
PHEAT-8197	proteomics_heat	4190979	4191044	-	4	21	R.TAGVVGPVVGVMGTLQALEAIK.L	26
PHEAT-8198	proteomics_heat	4191204	4191245	-	4	8	R.ADVVLDCTDNMATR.Q	18
PHEAT-8199	proteomics_heat	4191282	4191329	-	4	3	R.LTQLNPDIQLTALQQR.L	20
PHEAT-8200	proteomics_heat	4191351	4191389	-	4	3	R.QILFTTEDIDRPK.S	17
PHEAT-8201	proteomics_heat	4191715	4191762	-	5	3	R.LADYPTVAIGGISLAR.A	20
PHEAT-8202	proteomics_heat	4191817	4191861	-	5	7	R.PSYIALGHVFPTQTK.Q	19
PHEAT-8203	proteomics_heat	4191817	4191867	-	5	3	A.ARPSYIALGHVFPTQTK.Q	21
PHEAT-8204	proteomics_heat	4191931	4191996	-	5	11	K.HQAYGVHLGQEDLQATDLN AIR.A	26
PHEAT-8205	proteomics_heat	4192147	4192191	-	5	2	R.SGLYPVVDVSVQWIER.L	19
PHEAT-8206	proteomics_heat	4192362	4192394	-	4	2	K.VAHFCSMCGPK.F	15
PHEAT-8207	proteomics_heat	4192395	4192433	-	4	9	R.AYHDETL PQESGK.V	17
PHEAT-8208	proteomics_heat	4192434	4192478	-	4	3	R.WEDQFNLALDPFTAR.A	19
PHEAT-8209	proteomics_heat	4192539	4192568	-	4	11	K.IAAHAADLAK.G	14
PHEAT-8210	proteomics_heat	4192590	4192625	-	4	9	K.EHLGLPNKEDVK.Q	16
PHEAT-8211	proteomics_heat	4193004	4193039	-	4	3	K.WCLSHHQENFLY.Q	16
PHEAT-8212	proteomics_heat	4193106	4193174	-	4	70	R.DTLLEQAEQGV DYTIIHAGVLLR.Y	27
PHEAT-8213	proteomics_heat	4193175	4193216	-	4	4	K.VNGIAEDLTWEAFR.D	18
PHEAT-8214	proteomics_heat	4193217	4193267	-	4	6	R.NSPVPIGTVP IYQALEK.V	21
PHEAT-8215	proteomics_heat	4193301	4193339	-	4	2	R.WGADTVMDLSTGR.Y	17
PHEAT-8216	proteomics_heat	4193358	4193417	-	4	6	K.VNANIGNSAVTSSIEEEVEK.L	24

PHEAT-8217	proteomics_heat	4193433	4193489	-	4	3	R.AIPANINHPSEPMIIGR.N	23
PHEAT-8218	proteomics_heat	4193619	4193660	-	4	2	R.QGIITPEMEFIAIR.E	18
PHEAT-8219	proteomics_heat	4193838	4193876	-	4	3	D.PQIAINVQQGLAK.L	17
PHEAT-8220	proteomics_heat	4193838	4193909	-	4	3	I.PVYDTSGPYGDPQIAINVQQGLAK.L	28
PHEAT-8221	proteomics_heat	4193838	4193942	-	4	10	K.EQPQYEENEAI PVYDTSGPYGDPQIAINVQQGLAK.L	39
PHEAT-8222	proteomics_heat	4193943	4193981	-	4	2	R.EIQLSPTLIGGSK.E	17
PHEAT-8223	proteomics_heat	4193994	4194026	-	4	4	R.IYITGTHPGVR.V	15
PHEAT-8224	proteomics_heat	4194027	4194080	-	4	3	R.AQHFIDTLEGTAFPNKR.I	22
PHEAT-8225	proteomics_heat	4194030	4194080	-	4	12	R.AQHFIDTLEGTAFPNKR.R	21
PHEAT-8226	proteomics_heat	4194607	4194675	-	5	12	K.ALDDFCQSLVDYLSAGHFSIYER.I	27
PHEAT-8227	proteomics_heat	4202707	4202754	-	5	2	R.AYALMTDIHWDDCFR.K	20
PHEAT-8228	proteomics_heat	4202758	4202805	-	5	3	R.VLCVTALGHTVAEAQK.R	20
PHEAT-8229	proteomics_heat	4202806	4202844	-	5	9	K.LADDEQVVTNGGR.V	17
PHEAT-8230	proteomics_heat	4202845	4202889	-	5	2	P.LEEVAGGKVFHAGTK.L	19
PHEAT-8231	proteomics_heat	4202866	4202916	-	5	6	R.TGDVIHGLPLEEVAGGK.V	21
PHEAT-8232	proteomics_heat	4202917	4202967	-	5	3	R.ASLGVVMAAGGYPGDYR.T	21
PHEAT-8233	proteomics_heat	4203001	4203042	-	5	2	K.SDLVELCLAACESK.L	18
PHEAT-8234	proteomics_heat	4203001	4203048	-	5	3	R.MKSDLVELCLAACESK.L	20
PHEAT-8235	proteomics_heat	4203049	4203084	-	5	3	R.FGDPETQPIMLR.M	16
PHEAT-8236	proteomics_heat	4203217	4203291	-	5	2	K.DTGPNTGGMGAYSPAPVVTDDVHQR.T	29
PHEAT-8237	proteomics_heat	4203217	4203303	-	5	2	R.VGDKDTGPNTGGMGAYSPAPVVTDDVHQR.T	33
PHEAT-8238	proteomics_heat	4203217	4203306	-	5	2	K.RVGDKDTGPNTGGMGAYSPAPVVTDDVHQR.T	34
PHEAT-8239	proteomics_heat	4203406	4203495	-	5	49	K.GVIVAMTLEEA AVHDMLAGNAFGDAGHR.I	34
PHEAT-8240	proteomics_heat	4203547	4203612	-	5	4	R.HKIPTAEYQNFTEVEPALAYLR.E	26
PHEAT-8241	proteomics_heat	4203640	4203684	-	5	3	K.IFGPTAGAAQLEGSK.A	19
PHEAT-8242	proteomics_heat	4203721	4203762	-	5	3	K.IDLTIVGPEAPLVK.G	18
PHEAT-8243	proteomics_heat	4203763	4203900	-	5	4	K.AAQSPLVETVFVAPGNAGTALEPALQNVAIGVTDIPALLDFAQNEK.I	50
PHEAT-8244	proteomics_heat	4204044	4204109	-	4	4	R.DGIDAAAAAGVTCVIQPGGSIR.D	26
PHEAT-8245	proteomics_heat	4204110	4204148	-	4	5	K.GSSMASDAFFPFR.D	17
PHEAT-8246	proteomics_heat	4204206	4204247	-	4	5	K.NNMTIGIGAGQMSR.V	18
PHEAT-8247	proteomics_heat	4204311	4204337	-	4	5	K.RQPSEQELR.D	13
PHEAT-8248	proteomics_heat	4204350	4204382	-	4	6	R.DLGMVGAEEELR.V	15
PHEAT-8249	proteomics_heat	4204383	4204412	-	4	3	R.VNGLLVQDR.D	14
PHEAT-8250	proteomics_heat	4204383	4204415	-	4	2	K.RVNGLLVQDR.D	15
PHEAT-8251	proteomics_heat	4204437	4204466	-	4	2	R.VLTCGQWGER.V	14
PHEAT-8252	proteomics_heat	4204494	4204544	-	4	10	R.QFVEVIIAPSASEEALK.I	21
PHEAT-8253	proteomics_heat	4204545	4204583	-	4	11	R.ELDAETAQAISR.Q	17
PHEAT-8254	proteomics_heat	4204584	4204628	-	4	4	K.TDPTSAFGGIIAFNR.E	19
PHEAT-8255	proteomics_heat	4204584	4204637	-	4	2	R.AYKTDPSTAFGGIIAFNR.E	22
PHEAT-8256	proteomics_heat	4204638	4204694	-	4	10	K.HANPCGVAIGNSILDAYDR.A	23
PHEAT-8257	proteomics_heat	4204695	4204727	-	4	2	K.EFAEPACVIVK.H	15
PHEAT-8258	proteomics_heat	4204695	4204781	-	4	4	K.ALSYNNIADTDAALECVKEFAEPACVIVK.H	33
PHEAT-8259	proteomics_heat	4204728	4204781	-	4	6	K.ALSYNNIADTDAALECVK.E	22
PHEAT-8260	proteomics_heat	4204782	4204820	-	4	10	K.EASVATATQVQGK.A	17
PHEAT-8261	proteomics_heat	4204821	4204874	-	4	16	R.YGENSHQQAIFYIEENVK.E	22
PHEAT-8262	proteomics_heat	4204938	4205021	-	4	20	K.AFEHTAAYDSMIANYFGSMVPAYHGSK.E	32

PHEAT-8263	proteomics_heat	4205040	4205081	-	4	6	K.EMDDNEGSLTLATR.F	18
PHEAT-8264	proteomics_heat	4205040	4205108	-	4	4	K.SSDYDAIIKEMDDNEGSLTLATR.F	27
PHEAT-8265	proteomics_heat	4205082	4205108	-	4	2	K.SSDYDAIIK.E	13
PHEAT-8266	proteomics_heat	4205151	4205213	-	4	5	R.EGCSLEDAVENIDIGGPTMVR.S	25
PHEAT-8267	proteomics_heat	4205214	4205306	-	4	5	R.GQDDAIMEEHQIQPIDMVVVNLYPFAQTVAR.E	35
PHEAT-8268	proteomics_heat	4205214	4205309	-	4	22	R.RGQDDAIMEEHQIQPIDMVVVNLYPFAQTVAR.E	36
PHEAT-8269	proteomics_heat	4205355	4205414	-	4	7	K.GLPVTEVSDYTGFPPEMDGR.V	24
PHEAT-8270	proteomics_heat	4205430	4205465	-	4	3	R.GVELLSTGGTAR.L	16
PHEAT-8271	proteomics_heat	4205466	4205504	-	4	7	K.AGIVEFAQALSAR.G	17
PHEAT-8272	proteomics_heat	4205505	4205528	-	4	2	R.ALLSVSDK.A	12
PHEAT-8273	proteomics_heat	4227521	4227565	-	6	5	K.GHATLGGPNTTYVFK.A	19
PHEAT-8274	proteomics_heat	4228073	4228123	-	6	2	K.AWLEHALPLIAEQLQGR.R	21
PHEAT-8275	proteomics_heat	4229523	4229558	-	4	2	R.VLTNSETNSIKK.D	16
PHEAT-8276	proteomics_heat	4229910	4229930	-	4	3	K.LHSNLFE.-	11
PHEAT-8277	proteomics_heat	4229931	4230008	-	4	9	R.MICYGASSHNLCLVPGEDAEQVVQK.L	30
PHEAT-8278	proteomics_heat	4230009	4230044	-	4	5	K.EVFGVLEPFNIR.M	16
PHEAT-8279	proteomics_heat	4230063	4230119	-	4	12	R.VEVEEGLALVALIGNDLSK.A	23
PHEAT-8280	proteomics_heat	4230255	4230290	-	4	3	R.GFLAEVFGILAR.H	16
PHEAT-8281	proteomics_heat	4230291	4230338	-	4	4	R.NQTLTLHSLNMLHSR.G	20
PHEAT-8282	proteomics_heat	4230357	4230407	-	4	3	R.AGGTLVCNKTNPPLFR.A	21
PHEAT-8283	proteomics_heat	4230381	4230407	-	4	5	R.AGGTLVCNK.T	13
PHEAT-8284	proteomics_heat	4230417	4230449	-	4	3	R.SDIPVFGSSK.D	15
PHEAT-8285	proteomics_heat	4230450	4230485	-	4	10	K.VLHPATLLPAVR.S	16
PHEAT-8286	proteomics_heat	4230486	4230539	-	4	15	R.IDEIAFAEAAEMATFGAK.V	22
PHEAT-8287	proteomics_heat	4230486	4230542	-	4	26	K.RIDEIAFAEAAEMATFGAK.V	23
PHEAT-8288	proteomics_heat	4230561	4230608	-	4	5	R.VDIWTDVPGIYTTDPR.V	20
PHEAT-8289	proteomics_heat	4230609	4230662	-	4	15	R.GGSDYTAALLAEALHASR.V	22
PHEAT-8290	proteomics_heat	4230687	4230737	-	4	17	R.LNEGLVITQGFISENK.G	21
PHEAT-8291	proteomics_heat	4230738	4230794	-	4	17	R.AEPDIAALAEALQLLPR.L	23
PHEAT-8292	proteomics_heat	4230828	4230857	-	4	2	R.DVQAQWFDVR.K	14
PHEAT-8293	proteomics_heat	4230987	4231025	-	4	2	R.LRYPNVIREIER.L	17
PHEAT-8294	proteomics_heat	4231026	4231052	-	4	3	R.NIQFAILER.L	13
PHEAT-8295	proteomics_heat	4231155	4231190	-	4	4	R.SADIVLSDANVR.L	16
PHEAT-8296	proteomics_heat	4231191	4231232	-	4	3	K.FGGTSVADFDAMNR.S	18
PHEAT-8297	proteomics_heat	4231233	4231253	-	4	2	M.SEIVVSK.F	11
PHEAT-8298	proteomics_heat	4243303	4243332	-	5	2	R.TAVINAASGR.Q	14
PHEAT-8299	proteomics_heat	4243534	4243611	-	5	2	K.GQPSKPFVGVLSAGINAASPNKELAK.E	30
PHEAT-8300	proteomics_heat	4244008	4244058	-	5	12	K.LIAYPIAVEALSLIYNK.D	21
PHEAT-8301	proteomics_heat	4244227	4244262	-	5	2	K.VTVEHPDKLEEK.F	16
PHEAT-8302	proteomics_heat	4252144	4252197	-	5	20	R.DEGYISDSGDAEPAETMK.V	22
PHEAT-8303	proteomics_heat	4252231	4252275	-	5	4	R.LSVLHGINAPEFFDK.A	19
PHEAT-8304	proteomics_heat	4252378	4252407	-	5	2	R.TLQLLAAGAR.E	14
PHEAT-8305	proteomics_heat	4252408	4252464	-	5	4	R.QGLITLQDDELHINPAHSR.T	23
PHEAT-8306	proteomics_heat	4252465	4252521	-	5	6	R.WDRDELDPVIDALANEMQR.Q	23
PHEAT-8307	proteomics_heat	4252597	4252659	-	5	3	R.NNIAHMLVPLSLMAAIVTQHR.H	25
PHEAT-8308	proteomics_heat	4252690	4252737	-	5	4	K.FEVEKDTIGDIIILPR.E	20

PHEAT-8309	proteomics_heat	4252819	4252863	-	5	2	R.EQLTEQLNCYLDLMR.N	19
PHEAT-8310	proteomics_heat	4252945	4252998	-	5	2	R.PAWLTPTVNNIAADLMVR.I	22
PHEAT-8311	proteomics_heat	4252945	4253028	-	5	4	R.ESIDPIEAVRPAWLTPVNNIAADLMVR.I	32
PHEAT-8312	proteomics_heat	4253179	4253256	-	5	15	R.GGTRPITLIPIYIGYEHVMEVGTYAK.E	30
PHEAT-8313	proteomics_heat	4253569	4253616	-	5	2	R.QLAHDGHELIVYVPCR.S	20
PHEAT-8314	proteomics_heat	4253623	4253658	-	5	3	R.LYQGINVHNAER.V	16
PHEAT-8315	proteomics_heat	4253695	4253760	-	5	10	K.AQQNAIALMEEIAANFSYEMIR.L	26
PHEAT-8316	proteomics_heat	4254055	4254084	-	5	2	R.EKGEVNPPLR.M	14
PHEAT-8317	proteomics_heat	4254151	4254180	-	5	6	K.LFHDYLDLHR.S	14
PHEAT-8318	proteomics_heat	4254247	4254318	-	5	6	R.AQCLAHDLPPLEPLEIDGTLLPR.Y	28
PHEAT-8319	proteomics_heat	4257871	4257927	-	5	3	R.LMSLQDGAISAYDLLDLR.E	23
PHEAT-8320	proteomics_heat	4261304	4261327	-	6	5	R.AHEILES.R	12
PHEAT-8321	proteomics_heat	4261340	4261375	-	6	2	K.VDVAEQKYPLK.D	16
PHEAT-8322	proteomics_heat	4261376	4261435	-	6	7	R.EELTEASNELFSLIASGVK.V	24
PHEAT-8323	proteomics_heat	4261436	4261486	-	6	6	K.GSLYVTRPSLQGYITR.E	21
PHEAT-8324	proteomics_heat	4261724	4261753	-	6	2	K.LIGTVGTAQK.A	14
PHEAT-8325	proteomics_heat	4261769	4261852	-	6	2	K.TYEIKPDEQFLFHAAGGVLIACQWAK.A	32
PHEAT-8326	proteomics_heat	4261883	4261939	-	6	11	K.AAILPAAISFEQAAASFLK.G	23
PHEAT-8327	proteomics_heat	4261940	4262002	-	6	3	R.VVYAQSALGAYSSVHNIADK.A	25
PHEAT-8328	proteomics_heat	4262042	4262110	-	6	2	R.SGLYPPPSLPSGLGTEAAGIVSK.V	27
PHEAT-8329	proteomics_heat	4262111	4262146	-	6	2	K.AIGINFIDTYR.S	16
PHEAT-8330	proteomics_heat	4262147	4262227	-	6	5	K.HGGPEVLQAVEFTPADPAENEIQVENK.A	31
PHEAT-8331	proteomics_heat	4269264	4269356	-	4	2	K.RGTGQTLYLDEPTTGLHFADIQQLLDVLHK.L	35
PHEAT-8332	proteomics_heat	4269384	4269428	-	4	2	R.LGQSATTLSGGEAQR.V	19
PHEAT-8333	proteomics_heat	4269429	4269470	-	4	4	R.KLQTLMDVGLTYIR.L	18
PHEAT-8334	proteomics_heat	4269504	4269545	-	4	5	K.TIHEVLDMTIEEAR.E	18
PHEAT-8335	proteomics_heat	4269957	4270037	-	4	4	R.GNNLKDVTLTLPVGLFTCITGVSGSGK.S	31
PHEAT-8336	proteomics_heat	4270110	4270238	-	4	2	R.AADHVIDIGPGAGVHGGEVVAEGPLEAIMAVPESLTGQYMSGK.R	47
PHEAT-8337	proteomics_heat	4270554	4270637	-	4	3	R.HVYVENTPLPAISDMSIGHAMEFFNNLK.L	32
PHEAT-8338	proteomics_heat	4270698	4270742	-	4	3	R.YKETESSAVREELAK.F	19
PHEAT-8339	proteomics_heat	4270746	4270781	-	4	2	R.HPFEGVLHNMER.R	16
PHEAT-8340	proteomics_heat	4271016	4271096	-	4	3	R.LFSFNNPAGACPTCDGLGVQYFDPDR.V	31
PHEAT-8341	proteomics_heat	4271247	4271270	-	4	2	K.VRDDLTQR.L	12
PHEAT-8342	proteomics_heat	4271568	4271609	-	4	3	R.STVGTITEIHLYR.L	18
PHEAT-8343	proteomics_heat	4273851	4273871	-	4	19	R.FTLIIGR.C	11
PHEAT-8344	proteomics_heat	4276865	4276888	-	6	2	T.DTRGRNYR.K	12
PHEAT-8345	proteomics_heat	4279316	4279390	-	6	6	F.SSVSAARRSIFWIATIATSAVAAR.A	29
PHEAT-8346	proteomics_heat	4283475	4283513	-	4	2	G.DTSTLADPGVVEK.L	17
PHEAT-8347	proteomics_heat	4283475	4283543	-	4	6	K.IAAGDTSNLGDTSTLADPGVVEK.L	27
PHEAT-8348	proteomics_heat	4283475	4283546	-	4	2	R.KIAAGDTSNLGDTSTLADPGVVEK.L	28
PHEAT-8349	proteomics_heat	4283583	4283639	-	4	3	K.EIGPLATPDVHLHWTDSLPK.T	23
PHEAT-8350	proteomics_heat	4283655	4283729	-	4	3	K.GQAIYAYVTLNHGEEPSPELYAEVR.N	29
PHEAT-8351	proteomics_heat	4283730	4283771	-	4	5	K.IAEAADVGVIPHNK.G	18
PHEAT-8352	proteomics_heat	4283772	4283816	-	4	5	R.LGTAEIESALVAHPK.I	19
PHEAT-8353	proteomics_heat	4283817	4283849	-	4	2	R.VDDVLNVSGHR.L	15
PHEAT-8354	proteomics_heat	4283850	4283885	-	4	5	R.RDEDGYYWITGR.V	16

PHEAT-8355	proteomics_heat	4284195	4284251	-	4	5	R.ILGSVGEPIINPEAWEWYWK.K	23
PHEAT-8356	proteomics_heat	4284309	4284350	-	4	6	K.HQVNILYTAPTAIR.A	18
PHEAT-8357	proteomics_heat	4284309	4284371	-	4	7	R.MAQVVDKHKQVNILYTAPTAIR.A	25
PHEAT-8358	proteomics_heat	4284729	4284794	-	4	4	K.NVDDALKNPNVTSVEHVVLKR.T	26
PHEAT-8359	proteomics_heat	4284732	4284794	-	4	3	K.NVDDALKNPNVTSVEHVVLK.R	25
PHEAT-8360	proteomics_heat	4284873	4284932	-	4	7	R.IGAVHSVIFGGFSPEAVAGR.I	24
PHEAT-8361	proteomics_heat	4284933	4285004	-	4	5	K.KGDVVAIYMPMVPEAAVAMLACAR.I	28
PHEAT-8362	proteomics_heat	4285143	4285190	-	4	2	K.WYEDGTLNLAANCLDR.H	20
PHEAT-8363	proteomics_heat	4285191	4285226	-	4	2	K.NTSFAPGNVSIK.W	16
PHEAT-8364	proteomics_heat	4310268	4310321	-	4	3	K.LADYIICSPAPETPLLGR.N	22
PHEAT-8365	proteomics_heat	4324476	4324508	-	4	5	R.LVEGDHNIDCK.I	15
PHEAT-8366	proteomics_heat	4324572	4324622	-	4	14	K.DANGNLLADGDSVTIIK.D	21
PHEAT-8367	proteomics_heat	4343760	4343804	-	4	2	K.IEVDFPAFILVDDK.G	19
PHEAT-8368	proteomics_heat	4343760	4343804	-	4	2	K.IEVDFPAFILVDDK.G	19
PHEAT-8369	proteomics_heat	4344072	4344104	-	4	5	K.DHPIYYAGPAK.T	15
PHEAT-8370	proteomics_heat	4344072	4344104	-	4	5	K.DHPIYYAGPAK.T	15
PHEAT-8371	proteomics_heat	4344204	4344245	-	4	4	K.EILAQLSQYPVSTR.L	18
PHEAT-8372	proteomics_heat	4344204	4344245	-	4	4	K.EILAQLSQYPVSTR.L	18
PHEAT-8373	proteomics_heat	4344204	4344269	-	4	4	R.VDLNRPKEILAQLSQYPVSTR.L	26
PHEAT-8374	proteomics_heat	4344204	4344269	-	4	4	R.VDLNRPKEILAQLSQYPVSTR.L	26
PHEAT-8375	proteomics_heat	4344384	4344434	-	4	9	R.HGASCPVGMGVSCSADR.N	21
PHEAT-8376	proteomics_heat	4344384	4344434	-	4	9	R.HGASCPVGMGVSCSADR.N	21
PHEAT-8377	proteomics_heat	4344453	4344473	-	4	2	K.YFAHDIR.V	11
PHEAT-8378	proteomics_heat	4344453	4344473	-	4	2	K.YFAHDIR.V	11
PHEAT-8379	proteomics_heat	4344546	4344596	-	4	5	K.YYDELPTEGNEHGQAFR.D	21
PHEAT-8380	proteomics_heat	4344546	4344596	-	4	5	K.YYDELPTEGNEHGQAFR.D	21
PHEAT-8381	proteomics_heat	4344621	4344698	-	4	18	R.TLGTAAACPPYHIAFVIGGTAETNLK.T	30
PHEAT-8382	proteomics_heat	4344621	4344698	-	4	18	R.TLGTAAACPPYHIAFVIGGTAETNLK.T	30
PHEAT-8383	proteomics_heat	4344813	4344881	-	4	10	K.EVNTGTNLPAQIDLYAVDGDYEK.F	27
PHEAT-8384	proteomics_heat	4344813	4344881	-	4	10	K.EVNTGTNLPAQIDLYAVDGDYEK.F	27
PHEAT-8385	proteomics_heat	4344915	4344950	-	4	3	R.GVYNTYIEDNLR.Y	16
PHEAT-8386	proteomics_heat	4344915	4344950	-	4	3	R.GVYNTYIEDNLR.Y	16
PHEAT-8387	proteomics_heat	4345002	4345052	-	4	6	K.GVLPTCQDTGTAIIVGK.K	21
PHEAT-8388	proteomics_heat	4345002	4345052	-	4	6	K.GVLPTCQDTGTAIIVGK.K	21
PHEAT-8389	proteomics_heat	4345074	4345124	-	4	2	R.DPEASENDKYVALQFLR.N	21
PHEAT-8390	proteomics_heat	4345074	4345124	-	4	2	R.DPEASENDKYVALQFLR.N	21
PHEAT-8391	proteomics_heat	4351400	4351423	-	6	3	R.FQEQVNAK.A	12
PHEAT-8392	proteomics_heat	4351424	4351477	-	6	3	R.EIGNGFSELNDAEDQAER.F	22
PHEAT-8393	proteomics_heat	4351478	4351534	-	6	15	R.RNDVNPEITDRFEFFIGGR.E	23
PHEAT-8394	proteomics_heat	4351478	4351534	-	6	15	R.RNDVNPEITDRFEFFIGGR.E	23
PHEAT-8395	proteomics_heat	4351502	4351534	-	6	3	R.RNDVNPEITDR.F	15
PHEAT-8396	proteomics_heat	4351502	4351534	-	6	3	R.RNDVNPEITDR.F	15
PHEAT-8397	proteomics_heat	4351535	4351630	-	6	5	R.IVTEIFDEVAEAHLIQPTFITEYPAEVSPLAR.R	36
PHEAT-8398	proteomics_heat	4351685	4351735	-	6	5	K.YRPETDMADLDFDAK.A	21
PHEAT-8399	proteomics_heat	4351763	4351810	-	6	2	K.VTYGEHVDFGKPFK.L	20
PHEAT-8400	proteomics_heat	4351844	4351876	-	6	4	K.DLIELTESLFR.T	15

PHEAT-8401	proteomics_heat	4351844	4351876	-	6	4	K.DLIELTESLFR.T	15
PHEAT-8402	proteomics_heat	4351895	4351930	-	6	2	R.HNPEFTMMELYM.A	16
PHEAT-8403	proteomics_heat	4351895	4351930	-	6	2	R.HNPEFTMMELYM.A	16
PHEAT-8404	proteomics_heat	4352030	4352077	-	6	35	R.PFITHHNALDLDMYLR.I	20
PHEAT-8405	proteomics_heat	4352030	4352077	-	6	35	R.PFITHHNALDLDMYLR.I	20
PHEAT-8406	proteomics_heat	4352078	4352137	-	6	4	R.GFMEVETPMMQVIPGGASAR.P	24
PHEAT-8407	proteomics_heat	4352243	4352272	-	6	2	K.FHGLQDQEVY.Y	14
PHEAT-8408	proteomics_heat	4352243	4352296	-	6	3	K.ALRPLPDKFHGLQDQEVY.Y	22
PHEAT-8409	proteomics_heat	4352258	4352296	-	6	2	K.ALRPLPDKFHGLQ.D	17
PHEAT-8410	proteomics_heat	4352258	4352296	-	6	2	K.ALRPLPDKFHGLQ.D	17
PHEAT-8411	proteomics_heat	4352309	4352344	-	6	5	K.TGELSIHCTELR.L	16
PHEAT-8412	proteomics_heat	4352309	4352344	-	6	5	K.TGELSIHCTELR.L	16
PHEAT-8413	proteomics_heat	4352309	4352350	-	6	2	K.TQTGELSIHCTELR.L	18
PHEAT-8414	proteomics_heat	4352398	4352463	-	5	3	V.AVFNCTLQEIACQKVITISLK.N	26
PHEAT-8415	proteomics_heat	4352399	4352437	-	6	2	R.DSLPEGVYNDQFK.K	17
PHEAT-8416	proteomics_heat	4352459	4352494	-	6	4	K.ASFVTLQDVGGR.I	16
PHEAT-8417	proteomics_heat	4352459	4352494	-	6	4	K.ASFVTLQDVGGR.I	16
PHEAT-8418	proteomics_heat	4360894	4360965	-	5	5	K.SAAYDFTHELLTTLEVDPPAMVAK.Q	28
PHEAT-8419	proteomics_heat	4360966	4361058	-	5	4	K.NNRYPGCLFIAACTFYDPDPGHPHQADQK.S	35
PHEAT-8420	proteomics_heat	4361098	4361136	-	5	2	R.QLMLDETQTAEQK.L	17
PHEAT-8421	proteomics_heat	4361098	4361139	-	5	2	R.RQLMLDETQTAEQK.L	18
PHEAT-8422	proteomics_heat	4361170	4361211	-	5	5	R.FWPDKAEAILYDALR.Y	18
PHEAT-8423	proteomics_heat	4361242	4361295	-	5	2	K.LLELQGIANTTLEMVAER.V	22
PHEAT-8424	proteomics_heat	4361428	4361499	-	5	3	K.HLNVLGLPTILFFDGGQGEHPQAR.V	28
PHEAT-8425	proteomics_heat	4363044	4363136	-	4	2	K.SHHPYQTPPELLVLPVTHGDTDYLSWLNASLR.-	35
PHEAT-8426	proteomics_heat	4363137	4363178	-	4	5	K.TTVSHQQALLECLK.S	18
PHEAT-8427	proteomics_heat	4363290	4363364	-	4	4	K.SSNTASVVVLTAPDEATAQDLAAK.V	29
PHEAT-8428	proteomics_heat	4364161	4364190	-	5	4	K.RLEEGLVELR.G	14
PHEAT-8429	proteomics_heat	4366087	4366140	-	5	4	K.SVANAIIAACDEVLNNGK.C	22
PHEAT-8430	proteomics_heat	4366264	4366305	-	5	2	R.EVPADAYYGVHTLR.A	18
PHEAT-8431	proteomics_heat	4375263	4375316	-	4	2	R.TPTISDEVKQEMLAVATR.E	22
PHEAT-8432	proteomics_heat	4375515	4375544	-	4	2	R.DDGLNVINK.G	14
PHEAT-8433	proteomics_heat	4376182	4376223	-	5	2	R.WVQSNLKPLDINEK.T	18
PHEAT-8434	proteomics_heat	4376248	4376298	-	5	3	K.AVHVSPGALDAEAYGVK.S	21
PHEAT-8435	proteomics_heat	4376719	4376769	-	5	4	K.KQPVTQQTLFELGSVSK.T	21
PHEAT-8436	proteomics_heat	4376878	4376910	-	5	2	A.APQQINDIVHR.T	15
PHEAT-8437	proteomics_heat	4377809	4377853	-	6	4	K.VESSKDFLIATLKPR.-	19
PHEAT-8438	proteomics_heat	4377854	4377889	-	6	4	K.HVDPAAAIQQGK.V	16
PHEAT-8439	proteomics_heat	4378115	4378162	-	6	2	R.TADQGTNIQTPAQMAK.Y	20
PHEAT-8440	proteomics_heat	4378163	4378237	-	6	4	R.DLVVDMTHFIESLEAIKPYIIGNSR.T	29
PHEAT-8441	proteomics_heat	4378406	4378501	-	6	3	R.YNPEVDTAPHSAFYEVYPYDATSLLDALGYIK.D	36
PHEAT-8442	proteomics_heat	4378551	4378604	-	4	3	R.VYGGEDAADKAEAAKK.E	22
PHEAT-8443	proteomics_heat	4378938	4378988	-	4	2	K.IRDEMGLAMEEGCGIYR.T	21
PHEAT-8444	proteomics_heat	4378989	4379033	-	4	4	R.LKDLVNQDGGENWAK.I	19
PHEAT-8445	proteomics_heat	4379034	4379099	-	4	4	R.AATAGNGNEAAIEAQAAGVEQR.L	26
PHEAT-8446	proteomics_heat	4379229	4379330	-	4	2	K.AYVGVDPVKEPIVVRPTAHYTMGGIETDQNCETR.I	38



PHEAT-8447	proteomics_heat	4380246	4380284	-	4	2	R.AAIAAAQANPNAK.I	17
PHEAT-8448	proteomics_heat	4384589	4384633	-	6	2	A.NFISGLIILFEKPIR.I	19
PHEAT-8449	proteomics_heat	4386176	4386232	-	6	4	R.ELLNSLLQGGDTLLLELTK.L	23
PHEAT-8450	proteomics_heat	4387217	4387285	-	6	2	K.AAKPAQPEVVEALQSALNALEER.K	27
PHEAT-8451	proteomics_heat	4387550	4387591	-	6	3	K.VNLVEQLESLSVTK.I	18
PHEAT-8452	proteomics_heat	4387655	4387702	-	6	5	R.WTWPAGENDGVSALLK.G	20
PHEAT-8453	proteomics_heat	4387841	4387918	-	6	2	R.EMIYVPGDLFSVNHLTAQNVPNLFR.N	30
PHEAT-8454	proteomics_heat	4387997	4388059	-	6	2	K.GHNYSLLEALLAGNYLMADLFR.N	25
PHEAT-8455	proteomics_heat	4388060	4388089	-	6	3	K.IEEDKILQAK.G	14
PHEAT-8456	proteomics_heat	4388090	4388167	-	6	3	R.DEVRPIDTDPNVLVMPADGVISQLGK.I	30
PHEAT-8457	proteomics_heat	4388090	4388200	-	6	2	R.TFNEFFVRPLRDEVRPIDTDPNVLVMPADGVISQLGK.I	41
PHEAT-8458	proteomics_heat	4388201	4388233	-	6	3	K.EAQKPDASYR.T	15
PHEAT-8459	proteomics_heat	4388594	4388623	-	6	3	K.HDTDPGCAIR.E	14
PHEAT-8460	proteomics_heat	4388720	4388770	-	6	3	R.LYHFPHGGDVIDSPGVR.E	21
PHEAT-8461	proteomics_heat	4388771	4388836	-	6	2	K.EILTNDISDNSGLGQHTTTAAR.L	26
PHEAT-8462	proteomics_heat	4388873	4388908	-	6	2	R.ISIFAGQSGVGK.S	16
PHEAT-8463	proteomics_heat	4388909	4388974	-	6	4	R.VLMVSSHTQDGLKPLEEALTGR.I	26
PHEAT-8464	proteomics_heat	4389224	4389250	-	6	3	K.GIVEAVHER.T	13
PHEAT-8465	proteomics_heat	4389251	4389298	-	6	3	R.VVWRPGKPAAEQVNVK.G	20
PHEAT-8466	proteomics_heat	4389344	4389391	-	6	3	R.FGMHADVESADGDVHR.C	20
PHEAT-8467	proteomics_heat	4389392	4389454	-	6	2	K.EKPDYDDNLFGEPEDEGIVISR.F	25
PHEAT-8468	proteomics_heat	4415727	4415783	-	4	3	K.NANPEILQQLAQGVSIILR.V	23
PHEAT-8469	proteomics_heat	4424807	4424857	-	6	2	A.LLNAYSDLPHDLKIGLR.S	21
PHEAT-8470	proteomics_heat	4426501	4426557	-	5	2	R.EAQLDIQSQSQPPTTEQLR.A	23
PHEAT-8471	proteomics_heat	4431190	4431252	-	5	2	K.LIGHPTTTLAESVSHLFNVNN.-	25
PHEAT-8472	proteomics_heat	4431289	4431351	-	5	3	K.SVGLPDGLADMLADSDVGASK.G	25
PHEAT-8473	proteomics_heat	4431415	4431477	-	5	5	K.VYELAGDSAWTLTQLAAELTK.Q	25
PHEAT-8474	proteomics_heat	4431478	4431507	-	5	4	R.VISEAGHEGK.V	14
PHEAT-8475	proteomics_heat	4431553	4431639	-	5	2	R.NGWYSENYLASAPAALEHGVFIGAAGDGK.I	33
PHEAT-8476	proteomics_heat	4431679	4431756	-	5	2	K.FIAYTSLHADTSPGLADEHIETEK.M	30
PHEAT-8477	proteomics_heat	4431844	4431900	-	5	3	R.QADYGDEAALTSALQGVK.L	23
PHEAT-8478	proteomics_heat	4432534	4432611	-	5	3	T.ASGIYWRMRCWRILSALQAMHRRPDK.L	30
PHEAT-8479	proteomics_heat	4432954	4433028	-	5	2	R.IKNLTFNGKPIDPNAMFLVATNNYR.A	29
PHEAT-8480	proteomics_heat	4433029	4433070	-	5	3	R.YDGECQMINANAER.I	18
PHEAT-8481	proteomics_heat	4433311	4433346	-	5	2	R.KNDPASVVEVEK.G	16
PHEAT-8482	proteomics_heat	4433359	4433436	-	5	2	K.AYVEHYIQGDPDLAKLPVLSAAAPFK.V	30
PHEAT-8483	proteomics_heat	4433392	4433436	-	5	2	K.AYVEHYIQGDPDLAK.L	19
PHEAT-8484	proteomics_heat	4433437	4433469	-	5	3	D.PTVQVVNNAQK.A	15
PHEAT-8485	proteomics_heat	4433605	4433643	-	5	2	K.AEARPIYDIANKK.S	17
PHEAT-8486	proteomics_heat	4434442	4434513	-	5	2	R.IMETDLDLHSNMMDFDYKDTATEK.F	28
PHEAT-8487	proteomics_heat	4439621	4439695	-	6	6	R.HITTEIANATPFYYAEDDHQYLHK.N	29
PHEAT-8488	proteomics_heat	4439948	4440025	-	6	2	R.LFWQLPGVYSTAAGYTGGYTPNPTYR.E	30
PHEAT-8489	proteomics_heat	4440143	4440178	-	6	3	K.HLVSPADALPGR.N	16
PHEAT-8490	proteomics_heat	4442071	4442154	-	5	3	L.IFFHKLIIAPDRCKTVTRVRLYPRPVR.Q	32
PHEAT-8491	proteomics_heat	4447160	4447186	-	6	4	K.AEIVASFER.A	13
PHEAT-8492	proteomics_heat	4447187	4447219	-	6	4	K.VEGWENAEAAK.A	15

PHEAT-8493	proteomics_heat	4447235	4447279	-	6	4	K.AQIAHFFEHYKDLEK.G	19
PHEAT-8494	proteomics_heat	4447247	4447279	-	6	4	K.AQIAHFFEHYK.D	15
PHEAT-8495	proteomics_heat	4447280	4447309	-	6	3	K.DVNDLPELLK.A	14
PHEAT-8496	proteomics_heat	4447280	4447327	-	6	15	K.EYDHIKDVNDLPELLK.A	20
PHEAT-8497	proteomics_heat	4447280	4447336	-	6	7	K.LSKEYDHIKDVNDLPELLK.A	23
PHEAT-8498	proteomics_heat	4447337	4447360	-	6	3	K.LVAVPHSK.L	12
PHEAT-8499	proteomics_heat	4447361	4447390	-	6	7	K.MTDEAGEDAK.L	14
PHEAT-8500	proteomics_heat	4447415	4447489	-	6	8	T.LSLDGDVPDVLVPTPYPLQPGSVIR.C	29
PHEAT-8501	proteomics_heat	4447415	4447495	-	6	5	N.HTLSLDGDVPDVLVPTPYPLQPGSVIR.C	31
PHEAT-8502	proteomics_heat	4447544	4447570	-	6	3	K.ESGALFVDR.F	13
PHEAT-8503	proteomics_heat	4447544	4447585	-	6	3	K.YEIDKESGALFVDR.F	18
PHEAT-8504	proteomics_heat	4447544	4447645	-	6	41	K.DLPEDIYVVIEIPANADPIKYEIDKESGALFVDR.F	38
PHEAT-8505	proteomics_heat	4447646	4447672	-	6	7	M.SLLNVPAKG.D	13
PHEAT-8506	proteomics_heat	4452661	4452705	-	5	6	R.SFFVGNHDMVEDVER.F	19
PHEAT-8507	proteomics_heat	4452661	4452708	-	5	4	R.RSFFVGNHDMVEDVER.F	20
PHEAT-8508	proteomics_heat	4452766	4452819	-	5	2	R.LLYECNPMFLAEQAGGK.A	22
PHEAT-8509	proteomics_heat	4452826	4452873	-	5	3	K.GGIYLPSTASHPDGK.L	20
PHEAT-8510	proteomics_heat	4452919	4452966	-	5	3	K.FCQEEDKSTNRPYTSR.Y	20
PHEAT-8511	proteomics_heat	4452979	4453029	-	5	2	K.TYSINEGNYIKFPNGVK.K	21
PHEAT-8512	proteomics_heat	4452997	4453029	-	5	2	K.TYSINEGNYIK.F	15
PHEAT-8513	proteomics_heat	4453177	4453233	-	5	7	R.VTPVGTPTVEEDFLQPGNK.Q	23
PHEAT-8514	proteomics_heat	4453177	4453236	-	5	2	R.RVTPVGTPTVEEDFLQPGNK.Q	24
PHEAT-8515	proteomics_heat	4453441	4453506	-	5	7	K.AGLVDILGASGAENVQGEVQK.L	26
PHEAT-8516	proteomics_heat	4453543	4453599	-	5	2	K.QHEFSHATGELTALLSAIK.L	23
PHEAT-8517	proteomics_heat	4455454	4455516	-	5	2	R.LIDQGDDAIAEVLNLWPDADR.Q	25
PHEAT-8518	proteomics_heat	4455538	4455567	-	5	6	R.HNQQVVLVFK.L	14
PHEAT-8519	proteomics_heat	4455697	4455735	-	5	4	K.NALDKIPLDADLR.A	17
PHEAT-8520	proteomics_heat	4460003	4460086	-	6	5	K.SISTATAVTAQIIAQVASHIYGGTTINR.I	32
PHEAT-8521	proteomics_heat	4464691	4464741	-	5	2	R.NISYLGVPVPHSDVTTGKR.R	21
PHEAT-8522	proteomics_heat	4468556	4468582	-	6	2	K.IEIEIAIVR.R	13
PHEAT-8523	proteomics_heat	4468622	4468672	-	6	8	N.ATYEAFFTEHNATFFPAR.S	21
PHEAT-8524	proteomics_heat	4468622	4468675	-	6	3	V.NATYEAFFTEHNATFFPAR.S	22
PHEAT-8525	proteomics_heat	4468622	4468699	-	6	90	K.DLNDFATVFNATYEAFFTEHNATFFPAR.S	30
PHEAT-8526	proteomics_heat	4468736	4468762	-	6	7	K.AIVEAAGLK.V	13
PHEAT-8527	proteomics_heat	4468784	4468810	-	6	2	V.PADVAAQAR.Q	13
PHEAT-8528	proteomics_heat	4468784	4468822	-	6	10	K.TGEVPADVAAQAR.Q	17
PHEAT-8529	proteomics_heat	4468823	4468927	-	6	14	K.TIATENAPAAIGPYVQGVDLGNMIITSGQIPVNP.K	39
PHEAT-8530	proteomics_heat	4469012	4469053	-	6	7	K.YCEKEFSHNVVLAN.-	18
PHEAT-8531	proteomics_heat	4469087	4469131	-	6	3	N.CISHAEPVSSSFVAVR.K	19
PHEAT-8532	proteomics_heat	4469087	4469137	-	6	7	N.SNCISHAEPVSSSFVAVR.K	21
PHEAT-8533	proteomics_heat	4469087	4469143	-	6	2	C.PNSNCISHAEPVSSSFVAVR.K	23
PHEAT-8534	proteomics_heat	4469087	4469164	-	6	10	R.IDNVLVCPNSNCISHAEPVSSSFVAVR.K	30
PHEAT-8535	proteomics_heat	4469087	4469188	-	6	2	K.SRPSLPERIDNVLVCPNSNCISHAEPVSSSFVAVR.K	38
PHEAT-8536	proteomics_heat	4469087	4469203	-	6	4	Y.EVVGKSRPSLPERIDNVLVCPNSNCISHAEPVSSSFVAVR.K	43
PHEAT-8537	proteomics_heat	4469189	4469215	-	6	8	R.IDNYEVVVGK.S	13
PHEAT-8538	proteomics_heat	4469216	4469278	-	6	5	T.FLSEDQVDQLALYAPQATVNR.I	25

PHEAT-8539	proteomics_heat	4469216	4469290	-	6	28	K.IENTFLESDQVDQLALYAPQATVNR.I	29
PHEAT-8540	proteomics_heat	4469303	4469347	-	6	5	R.ITIGLNLPSGEMGRK.D	19
PHEAT-8541	proteomics_heat	4469306	4469347	-	6	6	R.ITIGLNLPSGEMGRK.K	18
PHEAT-8542	proteomics_heat	4469387	4469428	-	6	19	R.GTVIDHIPAQIGFK.L	18
PHEAT-8543	proteomics_heat	4469387	4469431	-	6	3	K.RGTVIDHIPAQIGFK.L	19
PHEAT-8544	proteomics_heat	4469498	4469527	-	6	13	R.QALLALVLNR.D	14
PHEAT-8545	proteomics_heat	4469528	4469569	-	6	2	H.AWYFQQAGNGIFAR.Q	18
PHEAT-8546	proteomics_heat	4469528	4469578	-	6	27	K.TPHAWYFQQAGNGIFAR.Q	21
PHEAT-8547	proteomics_heat	4469528	4469608	-	6	32	R.VDEIATDVDKTPHAWYFQQAGNGIFAR.Q	31
PHEAT-8548	proteomics_heat	4469534	4469578	-	6	2	K.TPHAWYFQQAGNGIF.A	19
PHEAT-8549	proteomics_heat	4469579	4469608	-	6	9	R.VDEIATDVDK.T	14
PHEAT-8550	proteomics_heat	4469684	4469707	-	6	4	D.PSEYANVK.A	12
PHEAT-8551	proteomics_heat	4469684	4469713	-	6	6	R.LDPSEYANVK.A	14
PHEAT-8552	proteomics_heat	4469684	4469719	-	6	9	K.ERLDPSEYANVK.A	16
PHEAT-8553	proteomics_heat	4469801	4469839	-	6	3	L.AMPQYILDMLDEK.G	17
PHEAT-8554	proteomics_heat	4469801	4469857	-	6	3	F.IAPDALAMPQYILDMLDEK.G	23
PHEAT-8555	proteomics_heat	4469801	4469860	-	6	2	Y.FIAPDALAMPQYILDMLDEK.G	24
PHEAT-8556	proteomics_heat	4469801	4469866	-	6	22	R.FYFIAPDALAMPQYILDMLDEK.G	26
PHEAT-8557	proteomics_heat	4469882	4469914	-	6	27	R.TVHSLTQALAK.F	15
PHEAT-8558	proteomics_heat	4469924	4469962	-	6	57	R.LDNLHVAMVGD.LK.Y	17
PHEAT-8559	proteomics_heat	4469963	4470076	-	6	40	R.LATEFSGNVPVLNAGDGSNQHPTQTLDDLFTIQETQGR.L	42
PHEAT-8560	proteomics_heat	4470077	4470166	-	6	2	K.KGETLADTISVISTYVDAIVMRHPQEGAAR.L	34
PHEAT-8561	proteomics_heat	4470101	4470163	-	6	52	K.GETLADTISVISTYVDAIVMR.H	25
PHEAT-8562	proteomics_heat	4470101	4470166	-	6	62	K.KGETLADTISVISTYVDAIVMR.H	26
PHEAT-8563	proteomics_heat	4470164	4470220	-	6	5	R.LGASVVGFSANTSLSGKK.G	23
PHEAT-8564	proteomics_heat	4470167	4470220	-	6	38	R.LGASVVGFSANTSLSGK.K	22
PHEAT-8565	proteomics_heat	4470221	4470247	-	6	9	R.LSFETSMHR.L	13
PHEAT-8566	proteomics_heat	4470254	4470289	-	6	12	K.VIASCFFEASTR.T	16
PHEAT-8567	proteomics_heat	4470296	4470328	-	6	5	K.LKANPQPELLK.H	15
PHEAT-8568	proteomics_heat	4470329	4470364	-	6	22	R.DDLNLVLATAAK.L	16
PHEAT-8569	proteomics_heat	4470329	4470394	-	6	18	K.HIISINDLSRDDLNVLATAAK.L	26
PHEAT-8570	proteomics_heat	4470365	4470394	-	6	20	K.HIISINDLSR.D	14
PHEAT-8571	proteomics_heat	4475474	4475524	-	6	9	K.FLHCLPAFHDDQTTLGK.Q	21
PHEAT-8572	proteomics_heat	4475474	4475524	-	6	9	K.FLHCLPAFHDDQTTLGK.Q	21
PHEAT-8573	proteomics_heat	4475525	4475557	-	6	5	K.MMQLTGNPEVK.F	15
PHEAT-8574	proteomics_heat	4475672	4475725	-	6	11	R.ALAQQNGGNITLTEDVAK.G	22
PHEAT-8575	proteomics_heat	4475726	4475779	-	6	7	R.LVAPQACWPEAALVTECR.A	22
PHEAT-8576	proteomics_heat	4475780	4475836	-	6	20	R.NNMGNMLEAAALTGLDLR.L	23
PHEAT-8577	proteomics_heat	4475780	4475836	-	6	20	R.NNMGNMLEAAALTGLDLR.L	23
PHEAT-8578	proteomics_heat	4475837	4475878	-	6	6	K.AFNEMTLVYAGDAR.N	18
PHEAT-8579	proteomics_heat	4475837	4475878	-	6	6	K.AFNEMTLVYAGDAR.N	18
PHEAT-8580	proteomics_heat	4475879	4475953	-	6	4	N.GLTNEFHPTQLLADLLTMQEHLPGK.A	29
PHEAT-8581	proteomics_heat	4476014	4476037	-	6	3	R.MYDGIQYR.G	12
PHEAT-8582	proteomics_heat	4476014	4476037	-	6	3	R.MYDGIQYR.G	12
PHEAT-8583	proteomics_heat	4476050	4476073	-	6	4	K.ESIKDTAR.V	12
PHEAT-8584	proteomics_heat	4476050	4476073	-	6	4	K.ESIKDTAR.V	12

PHEAT-8585	proteomics_heat	4476074	4476115	-	6	13	R.VTYLGPSSQIGHK.E	18
PHEAT-8586	proteomics_heat	4476074	4476115	-	6	13	R.VTYLGPSSQIGHK.E	18
PHEAT-8587	proteomics_heat	4476116	4476154	-	6	2	R.CSFEVAAYDQGAR.V	17
PHEAT-8588	proteomics_heat	4476248	4476301	-	6	18	K.LLDFTPAELNSLLQLAAK.L	22
PHEAT-8589	proteomics_heat	4477489	4477524	-	5	2	R.RLTLDQNPAPIAR.V	16
PHEAT-8590	proteomics_heat	4479047	4479076	-	6	5	R.EKLEGYAEAK.A	14
PHEAT-8591	proteomics_heat	4479083	4479106	-	6	4	R.APEAVIAK.E	12
PHEAT-8592	proteomics_heat	4479107	4479133	-	6	2	K.LANEGFVAR.A	13
PHEAT-8593	proteomics_heat	4479188	4479256	-	6	9	K.IIDGAELLIPMAGLINKEDELAR.L	27
PHEAT-8594	proteomics_heat	4479206	4479256	-	6	2	K.IIDGAELLIPMAGLINK.E	21
PHEAT-8595	proteomics_heat	4479257	4479313	-	6	4	R.LESITVLPADDKGPVSVTK.I	23
PHEAT-8596	proteomics_heat	4479380	4479427	-	6	9	R.AEMNIAPGKPLELLLR.G	20
PHEAT-8597	proteomics_heat	4479569	4479616	-	6	8	R.LAHPIIPFITETIWQR.V	20
PHEAT-8598	proteomics_heat	4479617	4479652	-	6	12	R.HTLVTVLEGLLR.L	16
PHEAT-8599	proteomics_heat	4479803	4479835	-	6	2	R.WILAEFNQTIK.A	15
PHEAT-8600	proteomics_heat	4479983	4480015	-	6	4	R.FTLAALASTGR.D	15
PHEAT-8601	proteomics_heat	4480016	4480060	-	6	8	K.QFPNGIEPHGTDALR.F	19
PHEAT-8602	proteomics_heat	4480118	4480183	-	6	4	K.GNVIDPLDMVDGISELPELLEKR.T	26
PHEAT-8603	proteomics_heat	4480118	4480189	-	6	7	K.SKGNVIDPLDMVDGISELPELLEKR.T	28
PHEAT-8604	proteomics_heat	4480121	4480183	-	6	8	K.GNVIDPLDMVDGISELPELLEK.R	25
PHEAT-8605	proteomics_heat	4480121	4480189	-	6	6	K.SKGNVIDPLDMVDGISELPELLEK.R	27
PHEAT-8606	proteomics_heat	4480460	4480495	-	6	4	R.KENNLGADVLR.Q	16
PHEAT-8607	proteomics_heat	4480514	4480558	-	6	7	R.IPAWYDEAGNVYVGR.N	19
PHEAT-8608	proteomics_heat	4480580	4480606	-	6	2	R.DIQDWCISR.Q	13
PHEAT-8609	proteomics_heat	4480607	4480639	-	6	2	K.QYENMYFSWMR.D	15
PHEAT-8610	proteomics_heat	4480640	4480705	-	6	8	R.ADVLAKPAVEAVENGDIQFVPK.Q	26
PHEAT-8611	proteomics_heat	4480706	4480753	-	6	6	R.GGVVIEPMLTDQWYVR.A	20
PHEAT-8612	proteomics_heat	4480754	4480834	-	6	16	K.AVVAAVDALGLLEEIKPHDLTPYGD.R.G	31
PHEAT-8613	proteomics_heat	4480754	4480837	-	6	20	R.KAVVAAVDALGLLEEIKPHDLTPYGD.R.G	32
PHEAT-8614	proteomics_heat	4480859	4480909	-	6	6	K.GNESDVYSSEIPAEFQK.L	21
PHEAT-8615	proteomics_heat	4480910	4480936	-	6	2	R.ESAQVFDTK.G	13
PHEAT-8616	proteomics_heat	4480937	4480984	-	6	27	R.HALPMINILTFDGD.R.E	20
PHEAT-8617	proteomics_heat	4480985	4481029	-	6	10	K.ITPAHDFNDYEVGKR.H	19
PHEAT-8618	proteomics_heat	4480988	4481029	-	6	3	K.ITPAHDFNDYEVGK.R	18
PHEAT-8619	proteomics_heat	4481042	4481086	-	6	2	R.IPIVGDEHADMEKGT.G	19
PHEAT-8620	proteomics_heat	4481048	4481086	-	6	2	R.IPIVGDEHADMEK.G	17
PHEAT-8621	proteomics_heat	4481048	4481089	-	6	7	R.RIPIVGDEHADMEK.G	18
PHEAT-8622	proteomics_heat	4481090	4481116	-	6	3	K.YVILPLVNR.R	13
PHEAT-8623	proteomics_heat	4481138	4481233	-	6	2	K.TADGKDYLVVATTRPETLLGDTGVAVNPEDPR.Y	36
PHEAT-8624	proteomics_heat	4481234	4481257	-	6	2	R.YPLADGAK.T	12
PHEAT-8625	proteomics_heat	4481288	4481320	-	6	3	R.TAISDLEVENR.E	15
PHEAT-8626	proteomics_heat	4481357	4481383	-	6	8	R.LYKEDLIYR.G	13
PHEAT-8627	proteomics_heat	4481399	4481434	-	6	4	R.FTMDEGLSNAVK.E	16
PHEAT-8628	proteomics_heat	4481399	4481440	-	6	2	R.ERFTMDEGLSNAVK.E	18
PHEAT-8629	proteomics_heat	4481441	4481467	-	6	2	R.LGNSVDWER.E	13
PHEAT-8630	proteomics_heat	4481441	4481470	-	6	2	R.RLGNSVDWER.E	14

PHEAT-8631	proteomics_heat	4481507	4481539	-	6	3	R.EAFIDKIWEWK.A	15
PHEAT-8632	proteomics_heat	4481585	4481647	-	6	9	K.NTLWQVGTDHAGIATQMVVER.K	25
PHEAT-8633	proteomics_heat	4481585	4481674	-	6	3	M.IRYQRMQKNTLWQVGTDHAGIATQMVVER.K	34
PHEAT-8634	proteomics_heat	4481669	4481713	-	6	2	H.MGHAFQQTIMDMIR.Y	19
PHEAT-8635	proteomics_heat	4481801	4481851	-	6	3	K.TYNPQDIEQPLYEHWEK.Q	21
PHEAT-8636	proteomics_heat	4482487	4482537	-	5	10	K.GATGRPVALLAQFLLNR.A	21
PHEAT-8637	proteomics_heat	4482553	4482594	-	5	2	K.YNWAHLDIAGTAWR.S	18
PHEAT-8638	proteomics_heat	4482607	4482717	-	5	5	R.LPLGDEYQEQLSNFADMANIGGRPGGAITAGCFLSR.F	41
PHEAT-8639	proteomics_heat	4482790	4482870	-	5	3	R.FEPEAVIDVATLTGACVIALGHHITGL.M	31
PHEAT-8640	proteomics_heat	4482871	4482906	-	5	5	R.LVLCDVLTYYVER.F	16
PHEAT-8641	proteomics_heat	4482907	4482984	-	5	23	R.AYRPGDVLTTMSGQTVLEVLNTDAEGR.L	30
PHEAT-8642	proteomics_heat	4482985	4483059	-	5	11	R.MVAELQLPINVIGVLACENMPGGRA.A	29
PHEAT-8643	proteomics_heat	4483102	4483164	-	5	2	K.GLTFDSGGISIKPSEGMDMK.Y	25
PHEAT-8644	proteomics_heat	4483165	4483209	-	5	3	K.GNASEDARPIVLVVK.G	19
PHEAT-8645	proteomics_heat	4483210	4483287	-	5	7	K.ELGMHSYLAVGQGSQNESLMSVIEYK.G	30
PHEAT-8646	proteomics_heat	4483288	4483311	-	5	2	R.VIGEQQMK.E	12
PHEAT-8647	proteomics_heat	4483351	4483410	-	5	8	K.DLGNMPPNICNAAYLASQAR.Q	24
PHEAT-8648	proteomics_heat	4483420	4483458	-	5	10	R.AIQHGLAIAAGIK.A	17
PHEAT-8649	proteomics_heat	4483483	4483506	-	5	2	K.MVFNVPTR.R	12
PHEAT-8650	proteomics_heat	4483621	4483689	-	5	11	K.TINTLNLDGSMCAVCFTELHVK.G	27
PHEAT-8651	proteomics_heat	4483759	4483827	-	5	2	R.GELEGKPGQTLHHVHPNLSER.I	27
PHEAT-8652	proteomics_heat	4483831	4483863	-	5	2	K.ISDGYISALLR.R	15
PHEAT-8653	proteomics_heat	4483831	4483893	-	5	6	R.LSPIAEQLDKISDGYISALLR.R	25
PHEAT-8654	proteomics_heat	4483864	4483896	-	5	5	R.RLSPIAEQLDK.I	15
PHEAT-8655	proteomics_heat	4486659	4486685	-	4	3	K.DGVVQTMAS.S	13
PHEAT-8656	proteomics_heat	4487532	4487588	-	4	2	K.SFQNYGNISSASVGAIQR.G	23
PHEAT-8657	proteomics_heat	4487670	4487720	-	4	3	R.LLNLNDVQSGVLNIIFR.I	21
PHEAT-8658	proteomics_heat	4487862	4487906	-	4	2	K.GDLTGVAQAGTVSEK.L	19
PHEAT-8659	proteomics_heat	4487907	4487960	-	4	4	K.LAESLSEIGVPVFMADV.K	22
PHEAT-8660	proteomics_heat	4493348	4493392	-	6	2	R.SVSGSATGTPYELRK.L	19
PHEAT-8661	proteomics_heat	4509529	4509645	-	5	2	R.HRRLLPVSALTGALLLVADLLARIHPPLELPVGLTA.I	43
PHEAT-8662	proteomics_heat	4517535	4517582	-	4	3	R.FYDKGMPVADVDQR.I	20
PHEAT-8663	proteomics_heat	4517655	4517702	-	4	3	K.AFFVGNALDENPLIR.V	20
PHEAT-8664	proteomics_heat	4518060	4518098	-	4	2	R.VIIVPDGEHAGKR.D	17
PHEAT-8665	proteomics_heat	4535742	4535810	-	4	2	R.AYGVSLPWNNLLIIGGETAGGK.A	27
PHEAT-8666	proteomics_heat	4536228	4536254	-	4	2	K.KAEDYFFNK.F	13
PHEAT-8667	proteomics_heat	4551425	4551466	-	6	9	H.RKRFQFFFTTQTQR.F	18
PHEAT-8668	proteomics_heat	4552451	4552501	-	6	6	L.ISNYTISTGSWHVQVVK.K	21
PHEAT-8669	proteomics_heat	4556458	4556514	-	5	3	K.GEILPGNDADLLVMTPELR.I	23
PHEAT-8670	proteomics_heat	4556515	4556592	-	5	2	K.DYDFSISDALRPLTSSVAGFLNLTGK.G	30
PHEAT-8671	proteomics_heat	4556932	4556991	-	5	2	R.VGGLLGGKPGVTVFHMGDSK.K	24
PHEAT-8672	proteomics_heat	4556992	4557042	-	5	6	R.SAAPDVYHLANMAAESR.V	21
PHEAT-8673	proteomics_heat	4557217	4557276	-	5	2	R.LTEAGVTSVVGLLGTDSSISR.H	24
PHEAT-8674	proteomics_heat	4576209	4576247	-	4	2	K.KAEPFVESLQCK.M	17
PHEAT-8675	proteomics_heat	4576791	4576868	-	4	2	K.TESYCLEDALNDLFIPTTIETILKR.L	30
PHEAT-8676	proteomics_heat	4577039	4577086	-	6	2	N.GSSLQTYLKQSQSIFR.Q	20

PHEAT-8677	proteomics_heat	4578148	4578204	-	5	3	R.AENPDLISGENSAAALLEK.I	23
PHEAT-8678	proteomics_heat	4578295	4578336	-	5	4	R.RVEQLFAYADTIEK.Q	18
PHEAT-8679	proteomics_heat	4578679	4578708	-	5	2	R.AGHVDQNDIR.F	14
PHEAT-8680	proteomics_heat	4578778	4578813	-	5	2	K.KLNFESILTELR.N	16
PHEAT-8681	proteomics_heat	4579351	4579398	-	5	4	K.EQAINYLKDDYLPLIR.A	20
PHEAT-8682	proteomics_heat	4579417	4579470	-	5	3	K.LPEGWVIAPVSTVTLIR.G	22
PHEAT-8683	proteomics_heat	4579521	4579556	-	4	5	R.ELGASDEADLQR.Q	16
PHEAT-8684	proteomics_heat	4579827	4579862	-	4	3	R.VYGEDPHGLSPR.T	16
PHEAT-8685	proteomics_heat	4579863	4579901	-	4	3	R.TPFTDEHLQPFR.V	17
PHEAT-8686	proteomics_heat	4580157	4580207	-	4	2	K.QLCFMQHIIETLHPGGR.A	21
PHEAT-8687	proteomics_heat	4580235	4580294	-	4	6	K.AHIVATNPPFGSAAGTNITR.T	24
PHEAT-8688	proteomics_heat	4580295	4580336	-	4	3	R.LGNTLGSDDGENLPK.A	18
PHEAT-8689	proteomics_heat	4580337	4580402	-	4	5	R.LALMNCLLHDIEGNLDHGGAIR.L	26
PHEAT-8690	proteomics_heat	4580442	4580501	-	4	2	K.SQTNDLDDLDGDTQDFQIHR.A	24
PHEAT-8691	proteomics_heat	4580511	4580567	-	4	3	R.EVVQDPAAGTAGFLIEADR.Y	23
PHEAT-8692	proteomics_heat	4580601	4580642	-	4	3	K.SGAGQYFTPRPLIK.T	18
PHEAT-8693	proteomics_heat	4580661	4580705	-	4	2	K.SRDDFGDMYEGLLQK.N	19
PHEAT-8694	proteomics_heat	4580769	4580819	-	4	6	K.LVQAVFHNVSTTITEPK.Q	21
PHEAT-8695	proteomics_heat	4580820	4580852	-	4	5	K.MLVHLGEDDKK.L	15
PHEAT-8696	proteomics_heat	4581734	4581799	-	6	4	K.SLYGDYDTPQDFLEAFDSLVR.Q	26
PHEAT-8697	proteomics_heat	4582139	4582189	-	6	2	K.VELQTLVNEITDSETYK.I	21
PHEAT-8698	proteomics_heat	4582607	4582657	-	6	2	R.AVCNELTNYLDPTGSQK.T	21
PHEAT-8699	proteomics_heat	4582685	4582759	-	6	3	R.ISPQGEVINDTLEDDQDFEVADFNR.G	29
PHEAT-8700	proteomics_heat	4583123	4583155	-	6	2	K.IHVATVQSLVK.R	15
PHEAT-8701	proteomics_heat	4583498	4583560	-	6	2	K.ALPEWHRPEELLEMLGSEPQK.Q	25
PHEAT-8702	proteomics_heat	4583948	4583977	-	6	2	K.GARPEPGVNK.A	14
PHEAT-8703	proteomics_heat	4584263	4584307	-	6	3	R.EKAQTQAEVEAQQQK.L	19
PHEAT-8704	proteomics_heat	4584332	4584370	-	6	2	R.GENLYHQEVTLK.Q	17
PHEAT-8705	proteomics_heat	4584458	4584520	-	6	2	R.IGNQAVHEYHNDLNDAQMCLR.L	25
PHEAT-8706	proteomics_heat	4586529	4586609	-	4	5	R.LVIECTGMADPGPIIQTFFSHEVLCQR.Y	31
PHEAT-8707	proteomics_heat	4586610	4586681	-	4	8	R.SNELEDALLDLDNLKGNIQFDR.L	28
PHEAT-8708	proteomics_heat	4586631	4586681	-	4	3	R.SNELEDALLDLDNLDK.G	21
PHEAT-8709	proteomics_heat	4586838	4586888	-	4	2	S.MNPIAVTLLTGFLGAGK.T	21
PHEAT-8710	proteomics_heat	4597775	4597828	-	6	3	K.DGQQLNLDNIGTTPLAEK.V	22
PHEAT-8711	proteomics_heat	4597904	4597954	-	6	3	K.LASVTDAENIKNVLEK.L	21
PHEAT-8712	proteomics_heat	4598366	4598413	-	6	3	K.RPTGMLTNSNMEEMTK.L	20
PHEAT-8713	proteomics_heat	4598621	4598662	-	6	6	K.NHLAAAICNELLLR.G	18
PHEAT-8714	proteomics_heat	4598774	4598821	-	6	2	R.SGIRPLHQNCSFENYR.V	20
PHEAT-8715	proteomics_heat	4599277	4599363	-	5	3	K.LARPGSDVALDDQLYQEPQAAPVAVPMGK.F	33
PHEAT-8716	proteomics_heat	4603033	4603083	-	5	2	L.LGEATVESLRHALFFEK.T	21
PHEAT-8717	proteomics_heat	4604863	4604946	-	5	2	K.GRFDMIIISNPPFHDGMQTSLDAAQTLIR.G	32
PHEAT-8718	proteomics_heat	4605139	4605189	-	5	4	R.DGLDVGSQLLLSTLTPH.T	21
PHEAT-8719	proteomics_heat	4605325	4605366	-	5	2	R.SAEQMLADYAPLNK.V	18
PHEAT-8720	proteomics_heat	4605616	4605657	-	5	2	R.ILFAGDLQDDLPAR.L	18
PHEAT-8721	proteomics_heat	4605658	4605684	-	5	3	R.HSDDFEQSR.I	13
PHEAT-8722	proteomics_heat	4614471	4614545	-	4	2	K.QVSPNLTFIYDPEITPDDLLLLEVAK.N	29

PHEAT-8723	proteomics_heat	4621250	4621306	-	6	2	R.AQVFTDSLNPAPLEALAGR.L	23
PHEAT-8724	proteomics_heat	4621322	4621363	-	6	2	R.FTWGGVELHFDVEK.G	18
PHEAT-8725	proteomics_heat	4621427	4621495	-	6	2	R.VEAEIISPKNKTPDLNFAETFAR.Q	27
PHEAT-8726	proteomics_heat	4621847	4621927	-	6	2	R.SSGGGAVFHDLGNTCFTFMAGKPEYDK.T	31
PHEAT-8727	proteomics_heat	4622507	4622554	-	6	2	R.ILDAGVYDEQGDLIAR.S	20
PHEAT-8728	proteomics_heat	4626938	4627027	-	6	2	R.IATHILDYQDEGKVEFFEGNFTEYEEYKRR.T	34
PHEAT-8729	proteomics_heat	4627043	4627102	-	6	8	R.ALENALLEFPGCAMVISHDR.W	24
PHEAT-8730	proteomics_heat	4627103	4627174	-	6	12	K.LLQVGGNMLLLDEPTNDLDIETLR.A	28
PHEAT-8731	proteomics_heat	4627196	4627222	-	6	3	R.VGELSGGER.G	13
PHEAT-8732	proteomics_heat	4627196	4627225	-	6	3	K.RVGELSGGER.G	14
PHEAT-8733	proteomics_heat	4627271	4627297	-	6	2	K.IGNTEMPSR.A	13
PHEAT-8734	proteomics_heat	4627298	4627339	-	6	4	K.TVWEEVSGGLDIMK.I	18
PHEAT-8735	proteomics_heat	4627340	4627384	-	6	2	K.LASVDQFRDSMDNSK.T	19
PHEAT-8736	proteomics_heat	4627385	4627444	-	6	9	R.MISGQEQPDSGTITLGETVK.L	24
PHEAT-8737	proteomics_heat	4627460	4627501	-	6	4	K.GAIVGIIPNGAGK.S	18
PHEAT-8738	proteomics_heat	4627502	4627537	-	6	4	R.LLIDDLFSFSIPK.G	16
PHEAT-8739	proteomics_heat	4627556	4627579	-	6	2	K.VLEVSNLK.R	12
PHEAT-8740	proteomics_heat	4627592	4627633	-	6	5	K.RNETNELFPPGPR.L	18
PHEAT-8741	proteomics_heat	4627631	4627666	-	6	3	R.FEELNSTEYQKR.N	16
PHEAT-8742	proteomics_heat	4627634	4627666	-	6	2	R.FEELNSTEYQK.R	15
PHEAT-8743	proteomics_heat	4627751	4627783	-	6	9	R.LAQEASQEAAR.R	15
PHEAT-8744	proteomics_heat	4627751	4627786	-	6	2	Q.RLAQEASQEAAR.R	16
PHEAT-8745	proteomics_heat	4627793	4627843	-	6	4	R.GEGIPWEGNYSSWLEQK.D	21
PHEAT-8746	proteomics_heat	4627889	4627936	-	6	22	R.FLHDFEGTVVAITHDR.Y	20
PHEAT-8747	proteomics_heat	4627937	4628020	-	6	9	R.LLLEKPDMLLLDEPTNHLDAESVAWLER.F	32
PHEAT-8748	proteomics_heat	4628069	4628107	-	6	2	R.AADALRLPDWDAK.I	17
PHEAT-8749	proteomics_heat	4628108	4628164	-	6	9	R.LEEIIQAHDGHNLNVLQLER.A	23
PHEAT-8750	proteomics_heat	4628165	4628236	-	6	3	R.LDEVYALYADPDADFDKLAEEQGR.L	28
PHEAT-8751	proteomics_heat	4628165	4628239	-	6	6	K.RLDEVYALYADPDADFDKLAEEQGR.L	29
PHEAT-8752	proteomics_heat	4628186	4628236	-	6	2	R.LDEVYALYADPDADFDK.L	21
PHEAT-8753	proteomics_heat	4628186	4628239	-	6	2	K.RLDEVYALYADPDADFDK.L	22
PHEAT-8754	proteomics_heat	4628237	4628284	-	6	6	R.ESIEEAVSEVVNALKR.L	20
PHEAT-8755	proteomics_heat	4628240	4628284	-	6	13	R.ESIEEAVSEVVNALK.R	19
PHEAT-8756	proteomics_heat	4628285	4628335	-	6	8	K.IGYLPQEPQLNPEHTVR.E	21
PHEAT-8757	proteomics_heat	4628336	4628395	-	6	6	R.IMAGIDKDIEGEARPPDIK.I	24
PHEAT-8758	proteomics_heat	4628354	4628395	-	6	3	R.IMAGIDKDIEGEAR.P	18
PHEAT-8759	proteomics_heat	4628411	4628443	-	6	6	K.IGVLGLNGAGK.S	15
PHEAT-8760	proteomics_heat	4628444	4628476	-	6	5	K.NISLSFFPGAK.I	15
PHEAT-8761	proteomics_heat	4628516	4628542	-	6	6	V.AQFVYTMHR.V	13
PHEAT-8762	proteomics_heat	4631056	4631163	-	5	12	A.SGIRCTMPDAPRLIRPTKSIAFQQHLFQPLAQLDGR.G	40
PHEAT-8763	proteomics_heat	4631730	4631768	-	4	4	I.MHQVVCATTNPAK.I	17
PHEAT-8764	proteomics_heat	4632866	4632946	-	6	4	K.FVTLEDTPLIGVTQSYSCSLEQISDFR.H	31
PHEAT-8765	proteomics_heat	4632977	4633021	-	6	3	R.RSPEWSAFGIRPPLR.L	19
PHEAT-8766	proteomics_heat	4633091	4633132	-	6	6	R.LTARPILDIALQYR.F	18
PHEAT-8767	proteomics_heat	4633169	4633204	-	6	2	K.DVTGHAIGAYIR.A	16
PHEAT-8768	proteomics_heat	4633244	4633309	-	6	4	R.DLLIWLEGHLDQPLSLDNVAAK.A	26

PHEAT-8769	proteomics_heat	4637637	4637699	-	4	12	K.HFESTPDTPEIIATIHGEGYR.F	25
PHEAT-8770	proteomics_heat	4637637	4637702	-	4	4	R.KHFESTPDTPEIIATIHGEGYR.F	26
PHEAT-8771	proteomics_heat	4637796	4637828	-	4	11	R.AMLHFCENPGK.I	15
PHEAT-8772	proteomics_heat	4637841	4637882	-	4	8	R.SLIGPDGEQYKLP.R.S	18
PHEAT-8773	proteomics_heat	4637883	4637915	-	4	4	K.FNGWELDINSR.S	15
PHEAT-8774	proteomics_heat	4638006	4638062	-	4	10	K.ILGLEIGADDYITKPFNPR.E	23
PHEAT-8775	proteomics_heat	4638006	4638080	-	4	26	R.DNEVDKILGLEIGADDYITKPFNPR.E	29
PHEAT-8776	proteomics_heat	4638081	4638119	-	4	6	R.EQANVALMFLTGR.D	17
PHEAT-8777	proteomics_heat	4638282	4638314	-	4	2	H.ILLIVEDELVTR.N	15
PHEAT-8778	proteomics_heat	4638282	4638329	-	4	12	N.MQTPHILIVEDELVTR.N	20
PSTAT+1	proteomics_stat	352	384	+	1	4	K.FGGTSVANAER.F	15
PSTAT+2	proteomics_stat	394	423	+	1	5	R.VADILESNAER.Q	14
PSTAT+3	proteomics_stat	424	462	+	1	5	R.QGQVATVLSAPAK.I	17
PSTAT+4	proteomics_stat	463	495	+	1	24	K.ITNHLVAMIEK.T	15
PSTAT+5	proteomics_stat	496	543	+	1	6	K.TISGQDALPNISDAER.I	20
PSTAT+6	proteomics_stat	544	609	+	1	10	R.IFAELLTGLAAAQPGFPLAQLK.T	26
PSTAT+7	proteomics_stat	610	642	+	1	2	K.TFVDQEFAQIK.H	15
PSTAT+8	proteomics_stat	760	795	+	1	14	R.GHNVTVIDPVEK.L	16
PSTAT+9	proteomics_stat	796	852	+	1	29	K.LLAVGHYLESTVDIAESTR.R	23
PSTAT+10	proteomics_stat	796	855	+	1	3	K.LLAVGHYLESTVDIAESTRR.I	24
PSTAT+11	proteomics_stat	871	948	+	1	5	R.IPADHMVLMAGFTAGNEKGLVVLGR.N	30
PSTAT+12	proteomics_stat	871	924	+	1	6	R.IPADHMVLMAGFTAGNEK.G	22
PSTAT+13	proteomics_stat	949	993	+	1	3	R.NGSDYSAAVLAACL.R.A	19
PSTAT+14	proteomics_stat	1078	1125	+	1	21	K.SMSYQEAMELSYFGAK.V	20
PSTAT+15	proteomics_stat	1141	1185	+	1	5	R.TITPIAQFQIPCLIK.N	19
PSTAT+16	proteomics_stat	1186	1233	+	1	10	K.NTGNPQAPGTLIGASR.D	20
PSTAT+17	proteomics_stat	1186	1257	+	1	3	K.NTGNPQAPGTLIGASRDEDEL.PVK.G	28
PSTAT+18	proteomics_stat	1234	1257	+	1	4	R.DEDEL.PVK.G	12
PSTAT+19	proteomics_stat	1258	1314	+	1	11	K.GISLNLMAMFSVSGPGMK.G	23
PSTAT+20	proteomics_stat	1486	1521	+	1	2	K.EGLLEPLAVTER.L	16
PSTAT+21	proteomics_stat	1522	1557	+	1	3	R.LAIISVVGDGMR.T	16
PSTAT+22	proteomics_stat	1603	1647	+	1	3	R.ANINIVAIAQGSSER.S	19
PSTAT+23	proteomics_stat	1648	1695	+	1	2	R.SISVVVNDDATTGVR.V	20
PSTAT+24	proteomics_stat	1858	1944	+	1	15	K.ALLTNVHGLNLENWQEELAQAKEPFLGR.L	33
PSTAT+25	proteomics_stat	1858	1923	+	1	23	K.ALLTNVHGLNLENWQEELAQAQ.E	26
PSTAT+26	proteomics_stat	1954	2043	+	1	11	R.LVKEYHLLNPVIVDCTSSQAVADQYADFLR.E	34
PSTAT+27	proteomics_stat	1963	2043	+	1	44	K.EYHLLNPVIVDCTSSQAVADQYADFLR.E	31
PSTAT+28	proteomics_stat	2044	2076	+	1	3	R.EGFHVTPNKK.A	15
PSTAT+29	proteomics_stat	2044	2073	+	1	4	R.EGFHVTPNKK.K	14
PSTAT+30	proteomics_stat	2074	2115	+	1	4	K.KANTSSMDYYHQLR.Y	18
PSTAT+31	proteomics_stat	2077	2115	+	1	16	K.ANTSSMDYYHQLR.Y	17
PSTAT+32	proteomics_stat	2140	2229	+	1	8	R.KFLYDTNVGAGLPVIENLQNLNAGDELMK.F	34
PSTAT+33	proteomics_stat	2143	2229	+	1	32	K.FLYDTNVGAGLPVIENLQNLNAGDELMK.F	33
PSTAT+34	proteomics_stat	2230	2274	+	1	12	K.FSGILSGSLSYIFGK.L	19
PSTAT+35	proteomics_stat	2275	2319	+	1	8	K.LDEGMSFSEATTLAR.E	19
PSTAT+36	proteomics_stat	2350	2379	+	1	16	R.DDLSGMDVAR.K	14



PSTAT+37	proteomics_stat	2491	2532	+	1	2	F.MANLSQLDDLFAAR.V	18
PSTAT+38	proteomics_stat	2569	2604	+	1	9	R.YVGNIDEDGVCR.V	16
PSTAT+39	proteomics_stat	2605	2646	+	1	5	R.VKIAEVDGNDPLFK.V	18
PSTAT+40	proteomics_stat	2611	2646	+	1	7	K.IAEVDGNDPLFK.V	16
PSTAT+41	proteomics_stat	2611	2634	+	1	4	K.IAEVDGND.P	12
PSTAT+42	proteomics_stat	2647	2715	+	1	12	K.VKNGENALAFYSHYYQPLPLVLR.G	27
PSTAT+43	proteomics_stat	2653	2715	+	1	27	K.NGENALAFYSHYYQPLPLVLR.G	25
PSTAT+44	proteomics_stat	2674	2715	+	1	5	A.FYSHYYQPLPLVLR.G	18
PSTAT+45	proteomics_stat	2680	2715	+	1	9	Y.SHYYQPLPLVLR.G	16
PSTAT+46	proteomics_stat	2716	2772	+	1	33	R.GYGAGNDVTAAGVFADLLR.T	23
PSTAT+47	proteomics_stat	2984	3013	+	2	3	R.ENIVYQCWER.F	14
PSTAT+48	proteomics_stat	3065	3166	+	2	3	K.NMPIGSGGLSSACSVVAALMAMNEHCGKPLNDTR.L	38
PSTAT+49	proteomics_stat	3167	3199	+	2	2	R.LLALMGELEGR.I	15
PSTAT+50	proteomics_stat	3389	3415	+	2	2	R.RQDCIAHGR.H	13
PSTAT+51	proteomics_stat	3473	3511	+	2	2	K.LMKDVIAEPYRER.L	17
PSTAT+52	proteomics_stat	3482	3505	+	2	3	K.DVIAEPYR.E	12
PSTAT+53	proteomics_stat	3539	3634	+	2	4	R.QAVAIEIGAVASGISGSGPTLFALCDKPETAQR.V	36
PSTAT+54	proteomics_stat	3602	3634	+	2	2	F.ALCDKPETAQR.V	15
PSTAT+55	proteomics_stat	3656	3697	+	2	8	K.NYLQNLQEGFVHICR.L	18
PSTAT+56	proteomics_stat	3734	3808	+	2	2	-.MKLYNLKDHNEQVSFAQAVTQGLGK.N	29
PSTAT+57	proteomics_stat	3740	3808	+	2	20	K.LYNLKDHNQVSFAQAVTQGLGK.N	27
PSTAT+58	proteomics_stat	3755	3808	+	2	12	K.DHNEQVSFAQAVTQGLGK.N	22
PSTAT+59	proteomics_stat	3809	3877	+	2	53	K.NQGLFFPHDLPEFSLTEIDEMLK.L	27
PSTAT+60	proteomics_stat	3905	3958	+	2	28	K.ILSAFIGDEIPQEILEER.V	22
PSTAT+61	proteomics_stat	3965	4054	+	2	3	R.AFAFPAPVANVESDVGCLELFGPTLAFK.D	34
PSTAT+62	proteomics_stat	4070	4189	+	2	11	R.FMAQMLTHIAGDKPVTILTATSGDTGAAVAHAFYGLPNVK.V	44
PSTAT+63	proteomics_stat	4070	4162	+	2	2	R.FMAQMLTHIAGDKPVTILTATSGDTGAAVAH.A	35
PSTAT+64	proteomics_stat	4316	4387	+	2	7	K.QAFDDEELKVALGLNSANSINISR.L	28
PSTAT+65	proteomics_stat	4343	4387	+	2	5	K.VALGLNSANSINISR.L	19
PSTAT+66	proteomics_stat	4448	4513	+	2	4	R.NQLVSVSPSGNFGDLTAGLLAK.S	26
PSTAT+67	proteomics_stat	4535	4576	+	2	4	K.RFIAATNVNDTVPR.F	18
PSTAT+68	proteomics_stat	4538	4576	+	2	10	R.FIAATNVNDTVPR.F	17
PSTAT+69	proteomics_stat	4577	4606	+	2	10	R.FLHDGQWSPK.A	14
PSTAT+70	proteomics_stat	4580	4606	+	2	5	F.LHDGQWSPK.A	13
PSTAT+71	proteomics_stat	4583	4606	+	2	3	L.HDGQWSPK.A	12
PSTAT+72	proteomics_stat	4607	4666	+	2	2	K.ATQATLSNAMDV SQPNNWPR.V	24
PSTAT+73	proteomics_stat	4706	4756	+	2	18	K.ELGYAAVDDETTQQTMR.E	21
PSTAT+74	proteomics_stat	4730	4756	+	2	3	D.DETTQQTMR.E	13
PSTAT+75	proteomics_stat	4757	4810	+	2	3	R.ELKELGYTSEPAAVAYR.A	22
PSTAT+76	proteomics_stat	4766	4810	+	2	10	K.ELGYTSEPAAVAYR.A	19
PSTAT+77	proteomics_stat	4769	4810	+	2	4	E.LGYTSEPAAVAYR.A	18
PSTAT+78	proteomics_stat	4772	4810	+	2	2	L.GYTSEPAAVAYR.A	17
PSTAT+79	proteomics_stat	4811	4876	+	2	18	R.AL RDQLNPGEYGLFLGTAHPAK.F	26
PSTAT+80	proteomics_stat	4820	4876	+	2	9	R.DQLNPGEYGLFLGTAHPAK.F	23
PSTAT+81	proteomics_stat	4877	4942	+	2	3	K.FKESVEAILGETLDLPKELAER.A	26
PSTAT+82	proteomics_stat	4877	4927	+	2	390	K.FKESVEAILGETLDLPK.E	21

PSTAT+83	proteomics_stat	4883	4927	+	2	3	K.ESVEAILGETLDLPK.E	19
PSTAT+84	proteomics_stat	4943	4999	+	2	21	R.ADLPLLSHNLPAADFAALRK.L	23
PSTAT+85	proteomics_stat	4943	4996	+	2	7	R.ADLPLLSHNLPAADFAALR.K	22
PSTAT+86	proteomics_stat	8241	8264	+	3	7	M.TDKLTSR.Q	12
PSTAT+87	proteomics_stat	8244	8264	+	3	2	T.DKLTSR.Q	11
PSTAT+88	proteomics_stat	8265	8312	+	3	15	R.QYTTVVADTGDIAAMK.L	20
PSTAT+89	proteomics_stat	8310	8384	+	3	5	M.KLYQPQDATTNPSLILNAAQIPEYR.K	29
PSTAT+90	proteomics_stat	8313	8384	+	3	19	K.LYQPQDATTNPSLILNAAQIPEYR.K	28
PSTAT+91	proteomics_stat	8385	8417	+	3	14	R.KLIDDAVAWAK.Q	15
PSTAT+92	proteomics_stat	8388	8417	+	3	6	K.LIDDAVAWAK.Q	14
PSTAT+93	proteomics_stat	8391	8417	+	3	5	L.IDDAVAWAK.Q	13
PSTAT+94	proteomics_stat	8436	8498	+	3	162	R.AQQIVDATDKLAVNIGLEILK.L	25
PSTAT+95	proteomics_stat	8436	8465	+	3	8	R.AQQIVDATDK.L	14
PSTAT+96	proteomics_stat	8538	8570	+	3	7	R.LSYDTEASIAK.A	15
PSTAT+97	proteomics_stat	8541	8570	+	3	3	L.SYDTEASIAK.A	14
PSTAT+98	proteomics_stat	8589	8621	+	3	6	K.LYNDAGISNDR.I	15
PSTAT+99	proteomics_stat	8592	8621	+	3	6	L.YNDAGISNDR.I	14
PSTAT+100	proteomics_stat	8595	8621	+	3	2	Y.NDAGISNDR.I	13
PSTAT+101	proteomics_stat	8682	8732	+	3	39	K.EGINCNLTLFSAQAR.A	21
PSTAT+102	proteomics_stat	8682	8732	+	3	39	K.EGINCNLTLFSAQAR.A	21
PSTAT+103	proteomics_stat	8733	8780	+	3	19	R.ACAEAGVFLISPFVGR.I	20
PSTAT+104	proteomics_stat	8733	8780	+	3	19	R.ACAEAGVFLISPFVGR.I	20
PSTAT+105	proteomics_stat	8817	8879	+	3	22	K.EYAPAEDPGVSVSEIYQYYK.E	25
PSTAT+106	proteomics_stat	8880	8921	+	3	24	K.EHGYETVVMGASFR.N	18
PSTAT+107	proteomics_stat	8922	8960	+	3	7	R.NIGEILELAGCDR.L	17
PSTAT+108	proteomics_stat	8988	9020	+	3	14	K.ELAESEGAIER.K	15
PSTAT+109	proteomics_stat	8988	9023	+	3	3	K.ELAESEGAIERK.L	16
PSTAT+110	proteomics_stat	8991	9020	+	3	2	E.LAESEGAIER.K	14
PSTAT+111	proteomics_stat	9021	9047	+	3	11	R.KLSYTGEVK.A	13
PSTAT+112	proteomics_stat	9063	9119	+	3	12	R.ITESEFLWQHNPMAVDK.L	23
PSTAT+113	proteomics_stat	9063	9137	+	3	7	R.ITESEFLWQHNPMAVDKLAEGIR.K	29
PSTAT+114	proteomics_stat	9063	9140	+	3	6	R.ITESEFLWQHNPMAVDKLAEGIRK.F	30
PSTAT+115	proteomics_stat	9138	9170	+	3	2	R.KFAIDQEKLEK.M	15
PSTAT+116	proteomics_stat	9141	9170	+	3	5	K.FAIDQEKLEK.M	14
PSTAT+117	proteomics_stat	9348	9374	+	3	2	R.ASSGVYQDK.G	13
PSTAT+118	proteomics_stat	9549	9587	+	3	8	R.DVTPDATLAVADR.E	17
PSTAT+119	proteomics_stat	9618	9659	+	3	2	R.QISLHFVPTAILSR.Q	18
PSTAT+120	proteomics_stat	12166	12237	+	1	2	M.GKIIGIDLGTNNSCVAIMDGTTTPR.V	28
PSTAT+121	proteomics_stat	12172	12237	+	1	30	K.IIGIDLGTNNSCVAIMDGTTTPR.V	26
PSTAT+122	proteomics_stat	12235	12264	+	1	2	P.RVLENAEGDR.T	14
PSTAT+123	proteomics_stat	12238	12264	+	1	11	R.VLENAEGDR.T	13
PSTAT+124	proteomics_stat	12238	12327	+	1	2	R.VLENAEGDRTPSIIAYTQDGETLVGQPAK.R	34
PSTAT+125	proteomics_stat	12262	12327	+	1	6	D.RTTPSIIAYTQDGETLVGQPAK.R	26
PSTAT+126	proteomics_stat	12265	12330	+	1	8	R.TTPSIIAYTQDGETLVGQPAKR.Q	26
PSTAT+127	proteomics_stat	12265	12327	+	1	9	R.TTPSIIAYTQDGETLVGQPAK.R	25
PSTAT+128	proteomics_stat	12271	12330	+	1	3	T.PSIIAYTQDGETLVGQPAKR.Q	24

PSTAT+129	proteomics_stat	12289	12330	+	1	2	Y.TQDGETLVGQPAKR.Q	18
PSTAT+130	proteomics_stat	12307	12375	+	1	3	T.LVGQPAKRQAVTNPQNTLFAIKR.L	27
PSTAT+131	proteomics_stat	12328	12372	+	1	6	K.RQAVTNPQNTLFAIK.R	19
PSTAT+132	proteomics_stat	12331	12372	+	1	17	R.QAVTNPQNTLFAIK.R	18
PSTAT+133	proteomics_stat	12331	12375	+	1	4	R.QAVTNPQNTLFAIKR.L	19
PSTAT+134	proteomics_stat	12388	12414	+	1	14	R.RFQDEEVQR.D	13
PSTAT+135	proteomics_stat	12391	12414	+	1	8	R.FQDEEVQR.D	12
PSTAT+136	proteomics_stat	12415	12438	+	1	4	R.DVSIMPFK.I	12
PSTAT+137	proteomics_stat	12439	12480	+	1	17	K.IIAADNGDAWVEVK.G	18
PSTAT+138	proteomics_stat	12490	12528	+	1	2	K.MAPPQISAEVLKK.M	17
PSTAT+139	proteomics_stat	12535	12615	+	1	9	K.KTAEDYLGEPTVAVITVPAYFNDAQR.Q	31
PSTAT+140	proteomics_stat	12538	12615	+	1	12	K.TAEDYLGEPTVAVITVPAYFNDAQR.Q	30
PSTAT+141	proteomics_stat	12661	12726	+	1	3	K.RIINEPTAAALAYGLDKGTGNR.T	26
PSTAT+142	proteomics_stat	12661	12711	+	1	10	K.RIINEPTAAALAYGLDK.G	21
PSTAT+143	proteomics_stat	12664	12711	+	1	24	R.IINEPTAAALAYGLDK.G	20
PSTAT+144	proteomics_stat	12664	12726	+	1	3	R.IINEPTAAALAYGLDKGTGNR.T	25
PSTAT+145	proteomics_stat	12667	12711	+	1	4	I.IINEPTAAALAYGLDK.G	19
PSTAT+146	proteomics_stat	12727	12804	+	1	4	R.TIAVYDLGGGTFDISIIEIDEVDGEK.T	30
PSTAT+147	proteomics_stat	12805	12867	+	1	15	K.TFEVLATNGDTHLGGEDFDSR.L	25
PSTAT+148	proteomics_stat	12868	12900	+	1	30	R.LINYLVEEFKK.D	15
PSTAT+149	proteomics_stat	12868	12921	+	1	3	R.LINYLVEEFKKDQGIDLR.N	22
PSTAT+150	proteomics_stat	12871	12900	+	1	3	L.INYLVEEFKK.D	14
PSTAT+151	proteomics_stat	12922	12945	+	1	2	R.NDPLAMQR.L	12
PSTAT+152	proteomics_stat	12967	13044	+	1	42	K.AKIELSSAQQTVDNLPYITADATGPK.H	30
PSTAT+153	proteomics_stat	12973	13044	+	1	28	K.IELSSAQQTVDNLPYITADATGPK.H	28
PSTAT+154	proteomics_stat	13069	13107	+	1	56	R.AKLESLVEDLVNR.S	17
PSTAT+155	proteomics_stat	13108	13197	+	1	37	R.SIEPLKVALQDAGLSVSDIDDVILVGGQTR.M	34
PSTAT+156	proteomics_stat	13126	13197	+	1	35	K.VALQDAGLSVSDIDDVILVGGQTR.M	28
PSTAT+157	proteomics_stat	13198	13215	+	1	3	R.MPMVQK.K	10
PSTAT+158	proteomics_stat	13216	13248	+	1	6	K.KVAEFFGKEPR.K	15
PSTAT+159	proteomics_stat	13216	13239	+	1	3	K.KVAEFFGK.E	12
PSTAT+160	proteomics_stat	13219	13248	+	1	10	K.VAEFFGKEPR.K	14
PSTAT+161	proteomics_stat	13222	13248	+	1	3	V.AEFFGKEPR.K	13
PSTAT+162	proteomics_stat	13249	13323	+	1	79	R.KDVPDEAVAIGA AVQGGVLTGDVK.D	29
PSTAT+163	proteomics_stat	13252	13323	+	1	4	K.DVNPDEAVAIGA AVQGGVLTGDVK.D	28
PSTAT+164	proteomics_stat	13324	13404	+	1	10	K.DVLLLDVTPLSLGIETMGGVMTTLIAK.N	31
PSTAT+165	proteomics_stat	13426	13497	+	1	1066	K.HSQVFSTAEDNQSAVTIHVLQGER.K	28
PSTAT+166	proteomics_stat	13426	13479	+	1	10	K.HSQVFSTAEDNQSAVTIH.V	22
PSTAT+167	proteomics_stat	13519	13563	+	1	23	K.SLGQFNLDGINPAPR.G	19
PSTAT+168	proteomics_stat	13522	13563	+	1	2	S.LGQFNLDGINPAPR.G	18
PSTAT+169	proteomics_stat	13564	13629	+	1	144	R.GMPQIEVTFDIDADGILHVS AK.D	26
PSTAT+170	proteomics_stat	13669	13704	+	1	9	K.ASSGLNEDEIQK.M	16
PSTAT+171	proteomics_stat	13714	13770	+	1	10	R.DAEANA EADRKFEELVQTR.N	23
PSTAT+172	proteomics_stat	13714	13743	+	1	11	R.DAEANA EADR.K	14
PSTAT+173	proteomics_stat	13744	13770	+	1	13	R.KFEELVQTR.N	13
PSTAT+174	proteomics_stat	13747	13770	+	1	2	K.FEELVQTR.N	12

PSTAT+175	proteomics_stat	13771	13803	+	1	10	R.NQGDHLLHSTR.K	15
PSTAT+176	proteomics_stat	13804	13848	+	1	8	R.KQVEEAGDKLPADDK.T	19
PSTAT+177	proteomics_stat	13804	13923	+	1	36	R.KQVEEAGDKLPADDKTAIESALTALETALKGEDKAAIEAK.M	44
PSTAT+178	proteomics_stat	13804	13905	+	1	56	R.KQVEEAGDKLPADDKTAIESALTALETALKGEDK.A	38
PSTAT+179	proteomics_stat	13804	13893	+	1	19	R.KQVEEAGDKLPADDKTAIESALTALETALK.G	34
PSTAT+180	proteomics_stat	13807	13905	+	1	3	K.QVEEAGDKLPADDKTAIESALTALETALKGEDK.A	37
PSTAT+181	proteomics_stat	13807	13923	+	1	8	K.QVEEAGDKLPADDKTAIESALTALETALKGEDKAAIEAK.M	43
PSTAT+182	proteomics_stat	13807	13893	+	1	3	K.QVEEAGDKLPADDKTAIESALTALETALK.G	33
PSTAT+183	proteomics_stat	13813	13923	+	1	2	V.EEAGDKLPADDKTAIESALTALETALKGEDKAAIEAK.M	41
PSTAT+184	proteomics_stat	13831	13905	+	1	2	K.LPADDKTAIESALTALETALKGEDK.A	29
PSTAT+185	proteomics_stat	13837	13905	+	1	45	P.ADDKTAIESALTALETALKGEDK.A	27
PSTAT+186	proteomics_stat	13849	13923	+	1	5	K.TAIESALTALETALKGEDKAAIEAK.M	29
PSTAT+187	proteomics_stat	13849	13905	+	1	3	K.TAIESALTALETALKGEDK.A	23
PSTAT+188	proteomics_stat	13858	13923	+	1	3	I.ESALTALETALKGEDKAAIEAK.M	26
PSTAT+189	proteomics_stat	13894	13923	+	1	2	K.GEDKAAIEAK.M	14
PSTAT+190	proteomics_stat	13924	13953	+	1	11	K.MQELAQVSQK.L	14
PSTAT+191	proteomics_stat	13954	14028	+	1	8	K.LMEIAQQQHAQQQTAGADASANNAK.D	29
PSTAT+192	proteomics_stat	13954	14076	+	1	2	K.LMEIAQQQHAQQQTAGADASANNAKDDDVVDAEFEEVKDKK.-	45
PSTAT+193	proteomics_stat	14029	14067	+	1	6	K.DDDVVDAEFEEVK.D	17
PSTAT+194	proteomics_stat	14171	14209	+	2	12	M.AKQDYIEILGVSK.T	17
PSTAT+195	proteomics_stat	14321	14356	+	2	4	K.EAYEVLTDQSQR.A	16
PSTAT+196	proteomics_stat	14321	14353	+	2	2	K.EAYEVLTDQSQR.R	15
PSTAT+197	proteomics_stat	14735	14764	+	2	2	R.GTLIKDPCNK.C	14
PSTAT+198	proteomics_stat	14813	14842	+	2	6	K.IPAGVDTGDR.I	14
PSTAT+199	proteomics_stat	14849	14920	+	2	9	R.LAGEGEAGEHGAPAGDLYVQVQVK.Q	28
PSTAT+200	proteomics_stat	14942	15031	+	2	7	R.EGNNLYCEVPINFAMAALGGEIEVPTLDGR.V	34
PSTAT+201	proteomics_stat	15038	15070	+	2	9	K.LKVPGETQTGK.L	15
PSTAT+202	proteomics_stat	15176	15244	+	2	4	R.QKQLLQELQESFGGPTGEHNSPR.S	27
PSTAT+203	proteomics_stat	15182	15244	+	2	5	K.QLLQELQESFGGPTGEHNSPR.S	25
PSTAT+204	proteomics_stat	15251	15271	+	2	2	K.SFFDGVK.K	11
PSTAT+205	proteomics_stat	15272	15295	+	2	2	K.KFFDDLTR.-	12
PSTAT+206	proteomics_stat	21422	21496	+	2	8	R.GIHNLSQLPQEGCVLTIGNFDGVHR.G	29
PSTAT+207	proteomics_stat	21545	21619	+	2	4	R.NLPVMVMLFEPQPLELFATDKAPAR.L	29
PSTAT+208	proteomics_stat	21545	21607	+	2	3	R.NLPVMVMLFEPQPLELFATDK.A	25
PSTAT+209	proteomics_stat	21701	21748	+	2	2	R.FAALTAQNFISDLLVK.H	20
PSTAT+210	proteomics_stat	21917	21988	+	2	2	R.QALADDNLALAESLLGHPFAISGR.V	28
PSTAT+211	proteomics_stat	21989	22015	+	2	2	R.VVHGDELGR.T	13
PSTAT+212	proteomics_stat	22073	22165	+	2	3	K.GVYAVEVLGLGEKPLPGVANIGTRPTVAGIR.Q	35
PSTAT+213	proteomics_stat	22406	22444	+	2	5	K.STLNLPETGFPMR.G	17
PSTAT+214	proteomics_stat	22484	22516	+	2	4	R.WTDDDLYGIIR.A	15
PSTAT+215	proteomics_stat	22538	22606	+	2	11	K.TFILHDGPPYANGSIHIGHSVNK.I	27
PSTAT+216	proteomics_stat	22631	22705	+	2	3	K.SKGLSGYDSPYVPGWDCHGLPIELK.V	29
PSTAT+217	proteomics_stat	22637	22705	+	2	2	K.GLSGYDSPYVPGWDCHGLPIELK.V	27
PSTAT+218	proteomics_stat	22706	22738	+	2	9	K.VEQEYKPKGEK.F	15
PSTAT+219	proteomics_stat	22766	22804	+	2	3	K.CREYAATQVDGQR.K	17
PSTAT+220	proteomics_stat	22772	22804	+	2	9	R.EYAATQVDGQR.K	15

PSTAT+221	proteomics_stat	22820	22870	+	2	5	R.LGVLGDWSHPYLTMDFK.T	21
PSTAT+222	proteomics_stat	22823	22870	+	2	4	L.GVLGDWSHPYLTMDFK.T	20
PSTAT+223	proteomics_stat	23006	23059	+	2	4	K.TSPSIDVAFQAVDQDALK.A	22
PSTAT+224	proteomics_stat	23066	23143	+	2	4	K.FAVSNVNGPISLVIWTTTPWTLPANR.A	30
PSTAT+225	proteomics_stat	23144	23215	+	2	21	R.AISIAPDFDYALVQIDGQAVILAK.D	28
PSTAT+226	proteomics_stat	23216	23242	+	2	2	K.DLVESVMQR.I	13
PSTAT+227	proteomics_stat	23243	23281	+	2	2	R.IGVTDYITILGTVK.G	17
PSTAT+228	proteomics_stat	23306	23434	+	2	7	R.FTHPFMGFDVPAILGDHVTLDAGTGAVHTAPGHGPDYVIGQK.Y	47
PSTAT+229	proteomics_stat	23435	23524	+	2	10	K.YGLETANPVGPDGTYLPGTYPYPTLDGVNVFK.A	34
PSTAT+230	proteomics_stat	23525	23560	+	2	4	K.ANDIVVALLQEK.G	16
PSTAT+231	proteomics_stat	23561	23584	+	2	2	K.GALLHVEK.M	12
PSTAT+232	proteomics_stat	23639	23674	+	2	3	R.ATPQWFVSMQDK.G	16
PSTAT+233	proteomics_stat	23795	23830	+	2	5	R.TWGVPMSLFVHK.D	16
PSTAT+234	proteomics_stat	23795	23854	+	2	2	R.TWGVPMSLFVHKDTEELHPR.T	24
PSTAT+235	proteomics_stat	23885	23932	+	2	7	K.RVEVDGIQAWWDLDAK.E	20
PSTAT+236	proteomics_stat	23933	23968	+	2	6	K.EILGDEADQYVK.V	16
PSTAT+237	proteomics_stat	24152	24193	+	2	11	R.QVLTHGFTVDGQGR.K	18
PSTAT+238	proteomics_stat	24206	24247	+	2	7	K.SIGNTVSPQDVMNK.L	18
PSTAT+239	proteomics_stat	24371	24448	+	2	5	R.FLLANLNGFDPAKDMVKPEEMVVLDR.W	30
PSTAT+240	proteomics_stat	24410	24448	+	2	4	K.DMVKPEEMVVLDR.W	17
PSTAT+241	proteomics_stat	24494	24532	+	2	6	K.AYEAYDFHEVVQR.L	17
PSTAT+242	proteomics_stat	24497	24532	+	2	2	A.YEAYDFHEVVQR.L	16
PSTAT+243	proteomics_stat	24629	24673	+	2	14	R.SCQTALYHIAEALVR.W	19
PSTAT+244	proteomics_stat	24674	24736	+	2	10	R.WMAPILSFTADEVWGYLPGER.E	25
PSTAT+245	proteomics_stat	24839	24871	+	2	3	R.GEVNKVIEQAR.A	15
PSTAT+246	proteomics_stat	24884	24943	+	2	15	K.VGGSLEAAVTLYAEPELSAK.L	24
PSTAT+247	proteomics_stat	24971	25051	+	2	12	R.FVLLTSGATVADYNDAPADAQQSEVLK.G	31
PSTAT+248	proteomics_stat	25016	25051	+	2	3	D.APADAQQSEVLK.G	16
PSTAT+249	proteomics_stat	25100	25129	+	2	4	R.CWHYTQDVGK.V	14
PSTAT+250	proteomics_stat	25103	25129	+	2	2	C.WHYTQDVGK.V	13
PSTAT+251	proteomics_stat	25130	25159	+	2	7	K.VAEHAEICGR.C	14
PSTAT+252	proteomics_stat	25160	25192	+	2	4	R.CVSNVAGDGEK.R	15
PSTAT+253	proteomics_stat	25880	25912	+	2	3	K.LDDGTTAESTR.N	15
PSTAT+254	proteomics_stat	25940	25993	+	2	6	R.LGDASLSEGLEQHLLGLK.V	22
PSTAT+255	proteomics_stat	26006	26077	+	2	3	K.TTFSLEPDAAFGVPSPLIQYFSR.R	28
PSTAT+256	proteomics_stat	26853	26885	+	3	2	R.KDDICYATTNR.Q	15
PSTAT+257	proteomics_stat	27434	27508	+	2	5	R.NALQLLHFWNAEIPLAQGAAPLVR.A	29
PSTAT+258	proteomics_stat	27518	27616	+	2	3	R.DAASVHGESGMAGYDFVEHNRKPLGIPAFLAIR.D	37
PSTAT+259	proteomics_stat	27581	27616	+	2	5	R.KPLGIPAFLAIR.D	16
PSTAT+260	proteomics_stat	28374	28394	+	3	3	A.MHDANIR.V	11
PSTAT+261	proteomics_stat	28431	28490	+	3	97	R.QLIQAAALALEGVQLGAALER.E	24
PSTAT+262	proteomics_stat	28491	28544	+	3	11	R.EGSSLLGSDAGELAGAGK.T	22
PSTAT+263	proteomics_stat	28494	28583	+	3	2	E.GSSLLGSDAGELAGAGKTGVTVQSSLDVAVK.D	34
PSTAT+264	proteomics_stat	28665	28706	+	3	3	K.GMVI GTTFDEAGK.Q	18
PSTAT+265	proteomics_stat	28809	28856	+	3	11	K.VMGDYTDIEIEAHR.H	20
PSTAT+266	proteomics_stat	28857	28925	+	3	16	R.HKVDAPSGTALAMGEAIAHALDK.D	27

PSTAT+267	proteomics_stat	28935	28955	+	3	4	K.DCAVYSR.E	11
PSTAT+268	proteomics_stat	28956	29009	+	3	4	R.EGHTGERVPGTIGFATVR.A	22
PSTAT+269	proteomics_stat	28977	29009	+	3	3	R.VPGTIGFATVR.A	15
PSTAT+270	proteomics_stat	29010	29063	+	3	9	R.AGDIVGEHTAMFADIGER.L	22
PSTAT+271	proteomics_stat	29094	29120	+	3	3	R.MTFANGAVR.S	13
PSTAT+272	proteomics_stat	29660	29704	+	2	21	K.SALLVLEDGTQFHGR.A	19
PSTAT+273	proteomics_stat	29801	29899	+	2	2	R.QIVTLTYPHIGNVGTNDADEESSQVHAQGLVIR.D	37
PSTAT+274	proteomics_stat	29828	29899	+	2	2	H.IGNVGTNDADEESSQVHAQGLVIR.D	28
PSTAT+275	proteomics_stat	29930	29962	+	2	2	R.NTEDLSSYLKR.H	15
PSTAT+276	proteomics_stat	29930	29959	+	2	2	R.NTEDLSSYLK.R	14
PSTAT+277	proteomics_stat	29960	29998	+	2	3	K.RHNIVAIADIDTR.K	17
PSTAT+278	proteomics_stat	29963	29998	+	2	20	R.HNIVAIADIDTR.K	16
PSTAT+279	proteomics_stat	30020	30088	+	2	5	R.EKGAQNGCIIAGDNPDAALALEK.A	27
PSTAT+280	proteomics_stat	30026	30088	+	2	6	K.GAQNGCIIAGDNPDAALALEK.A	25
PSTAT+281	proteomics_stat	30095	30130	+	2	3	R.AFPGLNGMDLAK.E	16
PSTAT+282	proteomics_stat	30131	30205	+	2	6	K.EVTTAEAYSWTQGSWTLTGGLPEAK.K	29
PSTAT+283	proteomics_stat	30206	30259	+	2	10	K.KEDELPFHVVAYDFGAKR.N	22
PSTAT+284	proteomics_stat	30206	30256	+	2	26	K.KEDELPFHVVAYDFGAK.R	21
PSTAT+285	proteomics_stat	30296	30340	+	2	5	R.LTIVPAQTS AEDVLK.M	19
PSTAT+286	proteomics_stat	30341	30421	+	2	8	K.MNPDGIFLSNGPGDPAPCDYAITAIQK.F	31
PSTAT+287	proteomics_stat	30383	30421	+	2	3	D.PAPCDYAITAIQK.F	17
PSTAT+288	proteomics_stat	30386	30496	+	2	5	P.APCDYAITAIQKFLFETDIPVFGICLGHQLLALASGAK.T	41
PSTAT+289	proteomics_stat	30422	30496	+	2	18	K.FLETDIPVFGICLGHQLLALASGAK.T	29
PSTAT+290	proteomics_stat	30440	30496	+	2	2	I.PVFGICLGHQLLALASGAK.T	23
PSTAT+291	proteomics_stat	30557	30628	+	2	19	K.NVVMITAQNHGFVAVDEATLPANLR.V	28
PSTAT+292	proteomics_stat	30641	30676	+	2	3	K.SLFDGTLQGIHR.T	16
PSTAT+293	proteomics_stat	30647	30676	+	2	3	L.FDGTLQGIHR.T	14
PSTAT+294	proteomics_stat	30922	30945	+	1	2	K.ALREEGYR.V	12
PSTAT+295	proteomics_stat	30946	31041	+	1	3	R.VILVNSNPATIMTDPEMADATYIEPIHWEVVR.K	36
PSTAT+296	proteomics_stat	31057	31128	+	1	12	K.ERPDAVLPTMGGQTALNCALELER.Q	28
PSTAT+297	proteomics_stat	31057	31131	+	1	2	K.ERPDAVLPTMGGQTALNCALELERQ.G	29
PSTAT+298	proteomics_stat	31129	31206	+	1	5	R.QGVLEEFVMTMIGATADAIDKAEDRR.R	30
PSTAT+299	proteomics_stat	31129	31203	+	1	53	R.QGVLEEFVMTMIGATADAIDKAEDR.R	29
PSTAT+300	proteomics_stat	31129	31191	+	1	2	R.QGVLEEFVMTMIGATADAIDK.A	25
PSTAT+301	proteomics_stat	31210	31230	+	1	2	R.FDVAMKK.I	11
PSTAT+302	proteomics_stat	31372	31398	+	1	2	R.EEFEEICAR.G	13
PSTAT+303	proteomics_stat	31423	31458	+	1	2	K.ELLIDESLIGWK.E	16
PSTAT+304	proteomics_stat	31636	31689	+	1	11	R.EIGVETGGSNVQFAVNP.K	22
PSTAT+305	proteomics_stat	31699	31725	+	1	3	R.LIVIEMNPR.V	13
PSTAT+306	proteomics_stat	31789	31845	+	1	2	A.KLAVGYTLDELMDITGGR.T	23
PSTAT+307	proteomics_stat	31792	31845	+	1	29	K.LAVGYTLDELMDITGGR.T	22
PSTAT+308	proteomics_stat	31795	31845	+	1	2	L.AVGTYLDELMDITGGR.T	21
PSTAT+309	proteomics_stat	31846	31890	+	1	9	R.TPASFEPSIDYVVT.K.I	19
PSTAT+310	proteomics_stat	31954	31983	+	1	5	K.SVGEVMAIGR.T	14
PSTAT+311	proteomics_stat	31984	32007	+	1	2	R.TQQESLQK.A	12
PSTAT+312	proteomics_stat	32017	32052	+	1	2	R.GLEVATGFDPK.V	16

PSTAT+313	proteomics_stat	32053	32085	+	1	5	K.VSLDDPEALTK.I	15
PSTAT+314	proteomics_stat	32122	32148	+	1	2	R.IWYIADAFR.A	13
PSTAT+315	proteomics_stat	32149	32196	+	1	4	R.AGLSVDGVFNLTNIDR.W	20
PSTAT+316	proteomics_stat	32242	32286	+	1	3	K.VAEVGITGLNADFLR.Q	19
PSTAT+317	proteomics_stat	32359	32397	+	1	4	R.KLRDQYDLHPVYK.R	17
PSTAT+318	proteomics_stat	32362	32397	+	1	4	K.LRDQYDLHPVYK.R	16
PSTAT+319	proteomics_stat	32368	32397	+	1	3	R.DQYDLHPVYK.R	14
PSTAT+320	proteomics_stat	32401	32493	+	1	2	R.VDTCAAEFATDTAYMYSTYEEEECEANPSTDR.E	35
PSTAT+321	proteomics_stat	32500	32529	+	1	2	K.IMVLGGGPNR.I	14
PSTAT+322	proteomics_stat	32587	32661	+	1	12	R.EDGYETIMVNCNPETVSTDYDTSR.L	29
PSTAT+323	proteomics_stat	32611	32661	+	1	2	M.VNCNPETVSTDYDTSR.L	21
PSTAT+324	proteomics_stat	32662	32709	+	1	79	R.LYFEPVTLEDVLEIVR.I	20
PSTAT+325	proteomics_stat	32665	32709	+	1	2	L.YFEPVTLEDVLEIVR.I	19
PSTAT+326	proteomics_stat	32725	32763	+	1	10	K.GVIVQYGGQTPLK.L	17
PSTAT+327	proteomics_stat	32773	32847	+	1	2	R.ALEAAGVPVIGTSPDAIDRAEDRER.F	29
PSTAT+328	proteomics_stat	32773	32829	+	1	9	R.ALEAAGVPVIGTSPDAIDR.A	23
PSTAT+329	proteomics_stat	32794	32829	+	1	2	V.PVIGTSPDAIDR.A	16
PSTAT+330	proteomics_stat	32875	32928	+	1	37	K.LKQPANATVTAIEMAVEK.A	22
PSTAT+331	proteomics_stat	32881	32928	+	1	4	K.QPANATVTAIEMAVEK.A	20
PSTAT+332	proteomics_stat	32929	32985	+	1	2	K.AKEIGYPLVVRPSYVLGGR.A	23
PSTAT+333	proteomics_stat	32935	32985	+	1	2	K.EIGYPLVVRPSYVLGGR.A	21
PSTAT+334	proteomics_stat	32986	33024	+	1	3	R.AMEIVYDEADLRR.Y	17
PSTAT+335	proteomics_stat	33286	33315	+	1	2	R.GLMNVQFAVK.N	14
PSTAT+336	proteomics_stat	33316	33351	+	1	8	K.NNEVYLIEVNPR.A	16
PSTAT+337	proteomics_stat	33433	33459	+	1	3	K.SLAEQGVTK.E	13
PSTAT+338	proteomics_stat	33490	33552	+	1	12	K.EVVLPFNKFPQVDPLLGPENR.S	25
PSTAT+339	proteomics_stat	33514	33552	+	1	2	K.FPGVDPLLGPENR.S	17
PSTAT+340	proteomics_stat	33583	33606	+	1	2	R.TFAEAFK.A	12
PSTAT+341	proteomics_stat	33607	33636	+	1	6	K.AQLGSNSTMK.K	14
PSTAT+342	proteomics_stat	33715	33783	+	1	3	K.QGFELDATHGTAIVLGEAGINPR.L	27
PSTAT+343	proteomics_stat	33829	33876	+	1	15	R.IKNGEYTYIINTTSGR.R	20
PSTAT+344	proteomics_stat	33835	33876	+	1	10	K.NGEYTYIINTTSGR.R	18
PSTAT+345	proteomics_stat	33928	33999	+	1	16	K.VHYDTTLNGGFATAMALNADATEK.V	28
PSTAT+346	proteomics_stat	34000	34035	+	1	9	K.VISVQEMHAQIK.-	16
PSTAT+347	proteomics_stat	49859	49918	+	2	4	R.VIGMENAMPWNLPADLAWFK.R	24
PSTAT+348	proteomics_stat	49922	49954	+	2	7	R.NTLNKPVMGR.H	15
PSTAT+349	proteomics_stat	70573	70638	+	1	5	R.EFVCRPGDILLFPPGEIHHYGR.H	26
PSTAT+350	proteomics_stat	85690	85776	+	1	17	K.QVFGYPGGAVLDIYDALHTVGGIDHVLVR.H	33
PSTAT+351	proteomics_stat	85777	85818	+	1	2	R.HEQAAVHMADGLAR.A	18
PSTAT+352	proteomics_stat	86062	86118	+	1	3	K.AFWLAASGRPGPVVVDLPK.D	23
PSTAT+353	proteomics_stat	86119	86178	+	1	4	K.DILNPANKLPYVWPESVSMR.S	24
PSTAT+354	proteomics_stat	86143	86178	+	1	2	K.LPYVWPESVSMR.S	16
PSTAT+355	proteomics_stat	86179	86208	+	1	4	R.SYNPTTTGHK.G	14
PSTAT+356	proteomics_stat	86251	86310	+	1	3	K.KPVVYVGGGAIAGCHQQLK.E	24
PSTAT+357	proteomics_stat	86311	86385	+	1	3	K.ETVEALNLPVVCSLMGLGAFATHR.Q	29
PSTAT+358	proteomics_stat	86605	86673	+	1	2	R.QVLEQMLELLSQESAHLPLDEIR.D	27

PSTAT+359	proteomics_stat	86743	86778	+	1	9	K.IKPQAVIETLWR.L	16
PSTAT+360	proteomics_stat	86779	86826	+	1	2	R.LTKGDAYVTSVGVGQHQ.M	20
PSTAT+361	proteomics_stat	86788	86865	+	1	3	K.GDAYVTSVGVGQHMFAALYYPFDKPR.R	30
PSTAT+362	proteomics_stat	86869	86931	+	1	7	R.WINSGGLGTMGFGLPAALGVK.M	25
PSTAT+363	proteomics_stat	87106	87147	+	1	12	R.HSQSYMQLPDFVR.L	18
PSTAT+364	proteomics_stat	87366	87410	+	3	6	R.ILSVLLENESGALSR.V	19
PSTAT+365	proteomics_stat	87435	87491	+	3	3	R.GYNIESLTVAPTDDPTLSR.M	23
PSTAT+366	proteomics_stat	87492	87521	+	3	2	R.MTIQTVGDEK.V	14
PSTAT+367	proteomics_stat	87573	87608	+	3	7	R.VSELGQGAHVER.E	16
PSTAT+368	proteomics_stat	87684	87746	+	3	5	R.GQIIDVTPSLYTVQLAGTSGK.L	25
PSTAT+369	proteomics_stat	87747	87773	+	3	2	K.LDAFLASIR.D	13
PSTAT+370	proteomics_stat	88214	88261	+	2	2	R.SIGLVIPDLENTSYTR.I	20
PSTAT+371	proteomics_stat	88658	88693	+	2	2	R.EVHFLYANSYER.E	16
PSTAT+372	proteomics_stat	88808	88903	+	2	10	R.DGKLPSDLAIATFGDNELLDLFLQCPVLAQAQR.H	36
PSTAT+373	proteomics_stat	88817	88903	+	2	4	K.LPSDLAIATFGDNELLDLFLQCPVLAQAQR.H	33
PSTAT+374	proteomics_stat	89859	89906	+	3	3	R.LLLGHASECQMDGAGR.L	20
PSTAT+375	proteomics_stat	90024	90071	+	3	4	K.EDIDAEQLATGDLSE.L	20
PSTAT+376	proteomics_stat	90112	90195	+	1	5	K.HTTVLLDEAVNGLNIRPDGIYIDGTFGR.G	32
PSTAT+377	proteomics_stat	90244	90288	+	1	6	R.LLAIDRDPQAI(A)AVAK.T	19
PSTAT+378	proteomics_stat	90307	90360	+	1	8	R.FSIIHGPF(S)ALGEYVAER.D	22
PSTAT+379	proteomics_stat	90490	90552	+	1	5	R.GQSAAEWLQ(T)AEEADIAWV(L)K.T	25
PSTAT+380	proteomics_stat	90631	90681	+	1	3	R.TKELAEV(A)AATPV(K)DK.F	21
PSTAT+381	proteomics_stat	90637	90681	+	1	4	K.ELAEV(A)AATPV(K)DK.F	19
PSTAT+382	proteomics_stat	90721	90765	+	1	2	R.IWVNSELEEIE(Q)ALK.S	19
PSTAT+383	proteomics_stat	90952	90990	+	1	3	K.LMPGEE(E)VAENPR.A	17
PSTAT+384	proteomics_stat	93187	93225	+	1	2	R.DLLAPW(V)PDAPSR.A	17
PSTAT+385	proteomics_stat	93313	93396	+	1	4	R.RYIPQ(A)IAQGV(A)AII(A)EAKDEATDGEIR.E	32
PSTAT+386	proteomics_stat	93316	93369	+	1	10	R.YIPQ(A)IAQGV(A)AII(A)EAK.D	22
PSTAT+387	proteomics_stat	93316	93396	+	1	5	R.YIPQ(A)IAQGV(A)AII(A)EAKDEATDGEIR.E	31
PSTAT+388	proteomics_stat	93397	93444	+	1	4	R.EMHG(V)PVIY(L)SQLNER.L	20
PSTAT+389	proteomics_stat	93466	93495	+	1	2	R.FYHEPS(D)NLR.L	14
PSTAT+390	proteomics_stat	93922	93981	+	1	2	K.LPDAVAV(S)MEDHINP(N)CHGR.W	24
PSTAT+391	proteomics_stat	93991	94032	+	1	6	K.ATEV(N)YH(D)SGATIR.F	18
PSTAT+392	proteomics_stat	94384	94416	+	1	2	A.DVAV(V)TDDNPR.T	15
PSTAT+393	proteomics_stat	94432	94482	+	1	3	R.AIINDILAG(M)LDAGHAK.V	21
PSTAT+394	proteomics_stat	94564	94599	+	1	5	K.GHEDY(Q)IVGNQR.L	16
PSTAT+395	proteomics_stat	94824	94892	+	3	3	K.AGGAGALLV(S)RPLDIDLPQLIVK.D	27
PSTAT+396	proteomics_stat	95712	95789	+	3	2	R.VLVVGDMAELGA(E)SEACHVQVGEAAK.A	30
PSTAT+397	proteomics_stat	97201	97245	+	1	3	R.MTPPGLDKLPE(A)VER.H	19
PSTAT+398	proteomics_stat	97390	97434	+	1	2	R.EAQAPIVAITGSNGK.S	19
PSTAT+399	proteomics_stat	97435	97470	+	1	2	K.STV(T)TLVGEMAK.A	16
PSTAT+400	proteomics_stat	97708	97752	+	1	2	K.VCVVNADDAL(T)MPIR.G	19
PSTAT+401	proteomics_stat	97768	97836	+	1	2	R.CVSFGV(N)MGDYHLNHQQGETWLR.V	27
PSTAT+402	proteomics_stat	97876	97947	+	1	12	K.LSGQHNY(T)NALA(L)ALADAAGLPR.A	28
PSTAT+403	proteomics_stat	97996	98028	+	1	6	R.FEVVLEHNGVR.W	15
PSTAT+404	proteomics_stat	98047	98133	+	1	6	K.ATNVG(ST)EAALNGLHVDGTLH(L)LLGGDGK.S	33



PSTAT+405	proteomics_stat	98203	98274	+	1	3	R.DGAQLAALRPEVAEQTETMEQAMR.L	28
PSTAT+406	proteomics_stat	98290	98349	+	1	3	R.VQPGDMVLLSPACASLDQFK.N	24
PSTAT+407	proteomics_stat	100304	100360	+	2	6	K.GSQQSVEQAYAEAGQPQHK.V	23
PSTAT+408	proteomics_stat	100424	100495	+	2	5	R.SGALTVSEIAAAGLPALFVPFQHK.D	28
PSTAT+409	proteomics_stat	100550	100612	+	2	2	K.IIEQPQLSVDAVANTLAGWSR.E	25
PSTAT+410	proteomics_stat	101398	101442	+	1	2	K.QTFINFLHNLPHYGR.A	19
PSTAT+411	proteomics_stat	101638	101712	+	1	6	R.HNALNAAA AVAVATEEGIDDEAILR.A	29
PSTAT+412	proteomics_stat	101743	101790	+	1	4	R.RFDLGFLEPVPVNGK.S	20
PSTAT+413	proteomics_stat	101791	101856	+	1	4	K.SGTAMLVDDYGHHPTEVDATIK.A	26
PSTAT+414	proteomics_stat	102061	102099	+	1	2	R.GKIDPILVPDPAR.V	17
PSTAT+415	proteomics_stat	102100	102174	+	1	4	R.VAEMLAPVLTGNDLILVQGAGNIGK.I	29
PSTAT+416	proteomics_stat	102202	102237	+	1	3	K.LKPQTPEEEQHD.-	16
PSTAT+417	proteomics_stat	102326	102361	+	2	2	R.EGGIDAYPVDPK.E	16
PSTAT+418	proteomics_stat	102404	102427	+	2	2	K.VFIALHGR.G	12
PSTAT+419	proteomics_stat	102428	102523	+	2	3	R.GGEDGTLQGMLELMGLPYTGSGVMASALSMDK.L	36
PSTAT+420	proteomics_stat	102536	102589	+	2	5	K.LLWQGAGLPVAPWVALTR.A	22
PSTAT+421	proteomics_stat	102737	102775	+	2	2	R.LAFQHDEEV LIEK.W	17
PSTAT+422	proteomics_stat	102776	102838	+	2	4	K.WLSGPEFTVAILGEEILPSIR.I	25
PSTAT+423	proteomics_stat	102878	102961	+	2	2	K.YLSDETQYFCPAGLEASQEANLQALVLK.A	32
PSTAT+424	proteomics_stat	104039	104113	+	2	2	K.VAALVGEVLPDGMVNIIGV GSCPSR.G	29
PSTAT+425	proteomics_stat	104114	104158	+	2	5	R.GMDKGGVNDLESVVK.C	19
PSTAT+426	proteomics_stat	104171	104239	+	2	2	R.AIDQAE L MADCCQISSVYLALSGK.H	27
PSTAT+427	proteomics_stat	104240	104332	+	2	11	K.HISCQNEIGMVP ISEEEVTQEDVENVVHTAK.S	35
PSTAT+428	proteomics_stat	104270	104332	+	2	2	M.VPISEEEVTQEDVENVVHTAK.S	25
PSTAT+429	proteomics_stat	104360	104440	+	2	9	R.VLHVIPQEY AIDYQEGIKNPVGLSGVR.M	31
PSTAT+430	proteomics_stat	104360	104413	+	2	2	R.VLHVIPQEY AIDYQEGIK.N	22
PSTAT+431	proteomics_stat	104453	104488	+	2	4	K.VHLITCHNDMAK.N	16
PSTAT+432	proteomics_stat	104672	104755	+	2	5	K.VIPYAGNVVTS DIAYAFGTPPSDAEAIK.V	32
PSTAT+433	proteomics_stat	104762	104839	+	2	4	R.HGCALGSIVGKDESVEVPSVGGRRPPR.S	30
PSTAT+434	proteomics_stat	104882	104935	+	2	6	R.YTELLNLVNEEILQLQEK.L	22
PSTAT+435	proteomics_stat	105053	105142	+	2	5	R.IGAPLNITGLTDY AQEPYYSTAVGLLHYGK.E	34
PSTAT+436	proteomics_stat	105143	105181	+	2	6	K.ESHLNGEAEVEKR.V	17
PSTAT+437	proteomics_stat	105143	105178	+	2	2	K.ESHLNGEAEVEK.R	16
PSTAT+438	proteomics_stat	105305	105346	+	2	3	T.MFEPMELTND AVIK.V	18
PSTAT+439	proteomics_stat	105347	105397	+	2	4	K.VIGVGGGGGNAVEH MVR.E	21
PSTAT+440	proteomics_stat	105398	105457	+	2	3	R.ERIEGVEFFAVNT DAQALRK.T	24
PSTAT+441	proteomics_stat	105404	105457	+	2	2	R.IEGVEFFAVNT DAQALRK.T	22
PSTAT+442	proteomics_stat	105404	105454	+	2	5	R.IEGVEFFAVNT DAQALR.K	21
PSTAT+443	proteomics_stat	105455	105502	+	2	8	R.KTAVGQTIQIGSGITK.G	20
PSTAT+444	proteomics_stat	105458	105502	+	2	4	K.TAVGQTIQIGSGITK.G	19
PSTAT+445	proteomics_stat	105503	105538	+	2	5	K.GLGAGANPEVGR.N	16
PSTAT+446	proteomics_stat	105539	105571	+	2	2	R.NAAEDRDALR.A	15
PSTAT+447	proteomics_stat	105572	105667	+	2	5	R.AALEGADMVFI AAGMGGGTGTGAAPVVAEVAK.D	36
PSTAT+448	proteomics_stat	105668	105724	+	2	28	K.DLGILTVAVVTKPFNFEGK.K	23
PSTAT+449	proteomics_stat	105731	105769	+	2	5	R.MAFAEQGITELSK.H	17
PSTAT+450	proteomics_stat	105770	105805	+	2	10	K.HVDSLITIPNDK.L	16

PSTAT+451	proteomics_stat	105770	105814	+	2	2	K.HVDSLITIPNDKLLK.V	19
PSTAT+452	proteomics_stat	105827	105874	+	2	6	R.GISLLDAFGAANDVLK.G	20
PSTAT+453	proteomics_stat	105875	105946	+	2	14	K.GAVQGIAELITRPGLMNVDFADVR.T	28
PSTAT+454	proteomics_stat	105947	106009	+	2	2	R.TVMSEMGYAMMGSGVASGEDR.A	25
PSTAT+455	proteomics_stat	106079	106117	+	2	4	R.GVLVNITAGFDLR.L	17
PSTAT+456	proteomics_stat	106118	106153	+	2	2	R.LDEFETVGNTIR.A	16
PSTAT+457	proteomics_stat	106154	106225	+	2	10	R.AFASDNATVVIGTSLDPDMNDEL.R.V	28
PSTAT+458	proteomics_stat	106202	106225	+	2	3	D.PDMNDEL.R.V	12
PSTAT+459	proteomics_stat	106226	106291	+	2	11	R.VTVVATGIGMDKRPEITLVTNK.Q	26
PSTAT+460	proteomics_stat	106262	106291	+	2	4	K.RPEITLVTNK.Q	14
PSTAT+461	proteomics_stat	106292	106318	+	2	3	K.QVQQPVM.DR.Y	13
PSTAT+462	proteomics_stat	106319	106372	+	2	3	R.YQQHGMAPLTQEQQK.PVAK.V	22
PSTAT+463	proteomics_stat	106370	106441	+	2	3	A.KVVNDNAPQTAKEPDYLDIPAFLR.K	28
PSTAT+464	proteomics_stat	106370	106405	+	2	3	A.KVVNDNAPQTAK.E	16
PSTAT+465	proteomics_stat	106373	106441	+	2	4	K.VVNDNAPQTAKEPDYLDIPAFLR.K	27
PSTAT+466	proteomics_stat	106373	106405	+	2	10	K.VVNDNAPQTAK.E	15
PSTAT+467	proteomics_stat	106581	106622	+	3	2	K.RIVQATGVGLHTGK.K	18
PSTAT+468	proteomics_stat	106584	106622	+	3	7	R.IVQATGVGLHTGK.K	17
PSTAT+469	proteomics_stat	106623	106676	+	3	3	K.KVTLTLRPAPANTGVIYR.R	22
PSTAT+470	proteomics_stat	106626	106676	+	3	8	K.VTLTLRPAPANTGVIYR.R	21
PSTAT+471	proteomics_stat	106677	106721	+	3	2	R.RTDLNPPVDFPADAK.S	19
PSTAT+472	proteomics_stat	108345	108389	+	3	3	R.KVVNIINAMEPEMEK.L	19
PSTAT+473	proteomics_stat	108348	108389	+	3	2	K.VVNIINAMEPEMEK.L	18
PSTAT+474	proteomics_stat	108447	108494	+	3	7	K.GEVLENLIPEAFAVVR.E	20
PSTAT+475	proteomics_stat	108525	108569	+	3	4	R.HFDVQLLGGMVLNER.C	19
PSTAT+476	proteomics_stat	108603	108650	+	3	3	K.TLTATLPAYLNALTGK.G	20
PSTAT+477	proteomics_stat	108651	108692	+	3	13	K.GVHVTVNDYLAQR.D	18
PSTAT+478	proteomics_stat	108780	108842	+	3	2	R.EAYAADITYGTNNEYGFDYLR.D	25
PSTAT+479	proteomics_stat	108843	108872	+	3	3	R.DNMAFSPEER.V	14
PSTAT+480	proteomics_stat	108882	108938	+	3	10	R.KLHYALVDEVDSILIDEAR.T	23
PSTAT+481	proteomics_stat	108885	108938	+	3	32	K.LHYALVDEVDSILIDEAR.T	22
PSTAT+482	proteomics_stat	108939	108989	+	3	3	R.TPLIISGPAEDSSEMYK.R	21
PSTAT+483	proteomics_stat	108939	108992	+	3	5	R.TPLIISGPAEDSSEMYKR.V	22
PSTAT+484	proteomics_stat	109143	109223	+	3	5	K.EGIMDEGESLYSPANIMLMHHVTAALR.A	31
PSTAT+485	proteomics_stat	109323	109358	+	3	7	R.WSDGLHQAVEAK.E	16
PSTAT+486	proteomics_stat	109326	109358	+	3	2	W.SDGLHQAVEAK.E	15
PSTAT+487	proteomics_stat	109437	109496	+	3	2	K.LAGMTGTADTEAFEFSSYK.L	24
PSTAT+488	proteomics_stat	109539	109580	+	3	2	R.KDLPDLVYMTEAEK.I	18
PSTAT+489	proteomics_stat	109542	109580	+	3	4	K.DLPDLVYMTEAEK.I	17
PSTAT+490	proteomics_stat	109581	109613	+	3	3	K.IQAIIEDIKER.T	15
PSTAT+491	proteomics_stat	109623	109661	+	3	2	K.GQPVLVGTISIEK.S	17
PSTAT+492	proteomics_stat	109725	109805	+	3	27	K.FHANAIAVAQAGYPAAVTIATNMAGR.G	31
PSTAT+493	proteomics_stat	109806	109886	+	3	24	R.GTDIVLGGSWQAEEVALENPTAEQIEK.I	31
PSTAT+494	proteomics_stat	109911	109961	+	3	18	R.HDAVLEAGGLHIIGTER.H	21
PSTAT+495	proteomics_stat	110103	110153	+	3	4	R.KLGMKPGEAIEHPWVTK.A	21
PSTAT+496	proteomics_stat	110106	110153	+	3	10	K.LGMKPGEAIEHPWVTK.A	20

PSTAT+497	proteomics_stat	110205	110249	+	3	2	R.KQLLEYDDVANDQRR.A	19
PSTAT+498	proteomics_stat	110208	110246	+	3	2	K.QLLEYDDVANDQR.R	17
PSTAT+499	proteomics_stat	110268	110318	+	3	4	R.NELLDVSDVSETINSIR.E	21
PSTAT+500	proteomics_stat	110268	110333	+	3	26	R.NELLDVSDVSETINSIREDFVK.A	26
PSTAT+501	proteomics_stat	110334	110405	+	3	6	K.ATIDAYIPPQSLEEMWDIPGLQER.L	28
PSTAT+502	proteomics_stat	110406	110486	+	3	9	R.LKNDFDLPLIAEWLDKEPELHEETLR.E	31
PSTAT+503	proteomics_stat	110493	110525	+	3	2	R.ILAQSIEVYQR.K	15
PSTAT+504	proteomics_stat	110526	110558	+	3	10	R.KEEVVGAEEMMR.H	15
PSTAT+505	proteomics_stat	110571	110606	+	3	3	K.GVMLQTLDSLWK.E	16
PSTAT+506	proteomics_stat	110607	110636	+	3	6	K.EHLAAMDYLR.Q	14
PSTAT+507	proteomics_stat	110829	110909	+	3	5	R.LAQMQQLSHQDDDSAAAAALAAQTGER.K	31
PSTAT+508	proteomics_stat	113480	113500	+	2	2	K.DVLIRPK.R	11
PSTAT+509	proteomics_stat	113516	113542	+	2	8	K.SRSDVELER.Q	13
PSTAT+510	proteomics_stat	113675	113734	+	2	23	K.HYSVEEWQAFINNSSADVLK.H	24
PSTAT+511	proteomics_stat	113735	113779	+	2	16	K.HVMVSTGTSDADFEK.T	19
PSTAT+512	proteomics_stat	113735	113785	+	2	4	K.HVMVSTGTSDADFEKTK.Q	21
PSTAT+513	proteomics_stat	113975	114010	+	2	2	K.VGIGPGSVCTTR.V	16
PSTAT+514	proteomics_stat	114134	114205	+	2	7	K.AFGGGADFVMLGGMLAGHEESGGR.I	28
PSTAT+515	proteomics_stat	114230	114271	+	2	9	K.FMLFYGMSSSESAMK.R	18
PSTAT+516	proteomics_stat	114326	114361	+	2	5	K.LPLRGPVENTAR.D	16
PSTAT+517	proteomics_stat	114383	114412	+	2	5	R.SACTYVGASR.L	14
PSTAT+518	proteomics_stat	119087	119146	+	2	2	E.GTDTLAYTDAQYQQLAAVTR.A	24
PSTAT+519	proteomics_stat	119500	119544	+	1	2	V.WLLIGLLCIGAGKVR.L	19
PSTAT+520	proteomics_stat	122122	122190	+	1	10	K.LSDVIEQQLEFLILEGTLRPGEK.L	27
PSTAT+521	proteomics_stat	122404	122445	+	1	3	R.HALEGIAAYYAALR.S	18
PSTAT+522	proteomics_stat	122704	122745	+	1	2	R.IFEAIMAGKPEAR.E	18
PSTAT+523	proteomics_stat	122761	122796	+	1	2	R.HLAFIEEILLDR.S	16
PSTAT+524	proteomics_stat	123020	123061	+	2	20	M.SERFPNDVDPIETR.D	18
PSTAT+525	proteomics_stat	123029	123061	+	2	4	R.FPNDVDPIETR.D	15
PSTAT+526	proteomics_stat	123062	123112	+	2	15	R.DWLQAIESVIREEGVER.A	21
PSTAT+527	proteomics_stat	123062	123094	+	2	16	R.DWLQAIESVIR.E	15
PSTAT+528	proteomics_stat	123113	123151	+	2	23	R.AQYLIDQLLAEAR.K	17
PSTAT+529	proteomics_stat	123113	123154	+	2	2	R.AQYLIDQLLAEAR.K	18
PSTAT+530	proteomics_stat	123152	123256	+	2	5	R.KGGVNVAAGTGISNYINTIPVEEQPEYPGNLELER.R	39
PSTAT+531	proteomics_stat	123152	123259	+	2	9	R.KGGVNVAAGTGISNYINTIPVEEQPEYPGNLELERR.I	40
PSTAT+532	proteomics_stat	123155	123256	+	2	3	K.GGVNVAAGTGISNYINTIPVEEQPEYPGNLELER.R	38
PSTAT+533	proteomics_stat	123278	123304	+	2	4	R.WNAIMTVLR.A	13
PSTAT+534	proteomics_stat	123353	123397	+	2	2	Q.SSATIYDVCFNHFFR.A	19
PSTAT+535	proteomics_stat	123398	123469	+	2	23	R.ARNEQDGGDLVYFQGHISPGVYAR.A	28
PSTAT+536	proteomics_stat	123404	123469	+	2	10	R.NEQDGGDLVYFQGHISPGVYAR.A	26
PSTAT+537	proteomics_stat	123404	123445	+	2	3	R.NEQDGGDLVYFQGH.I	18
PSTAT+538	proteomics_stat	123488	123562	+	2	13	R.LTQEQLDNFRQEVHGNGLSSYPHPK.L	29
PSTAT+539	proteomics_stat	123488	123517	+	2	6	R.LTQEQLDNFR.Q	14
PSTAT+540	proteomics_stat	123563	123637	+	2	21	K.LMPEFWQFPTVSMGLGPIGAIYQAK.F	29
PSTAT+541	proteomics_stat	123584	123637	+	2	2	Q.FPTVSMGLGPIGAIYQAK.F	22
PSTAT+542	proteomics_stat	123683	123736	+	2	6	K.QTVYAFLGDGEMDEPESK.G	22

PSTAT+543	proteomics_stat	123737	123760	+	2	4	K.GAITIATR.E	12
PSTAT+544	proteomics_stat	123761	123808	+	2	39	R.EKLDNLVFNLCNLQR.L	20
PSTAT+545	proteomics_stat	123767	123808	+	2	2	K.LDNLVFNLCNLQR.L	18
PSTAT+546	proteomics_stat	123809	123838	+	2	8	R.LDGPVTGNGK.I	14
PSTAT+547	proteomics_stat	123839	123892	+	2	205	K.IINELEGIFEGAGWNVIK.V	22
PSTAT+548	proteomics_stat	123842	123892	+	2	2	I.IINELEGIFEGAGWNVIK.V	21
PSTAT+549	proteomics_stat	123947	123997	+	2	25	K.LIQLMNETVDGDYQTFK.S	21
PSTAT+550	proteomics_stat	123950	123997	+	2	2	L.IQLMNETVDGDYQTFK.S	20
PSTAT+551	proteomics_stat	123998	124021	+	2	3	K.SKDGAYVR.E	12
PSTAT+552	proteomics_stat	124022	124039	+	2	4	R.EHFFGK.Y	10
PSTAT+553	proteomics_stat	124022	124102	+	2	7	R.EHFFGKYPETAALVADWTDEQIWALNR.G	31
PSTAT+554	proteomics_stat	124040	124102	+	2	21	K.YPETAALVADWTDEQIWALNR.G	25
PSTAT+555	proteomics_stat	124160	124186	+	2	4	K.GKATVILAH.T	13
PSTAT+556	proteomics_stat	124166	124195	+	2	4	K.ATVILAHTIK.G	14
PSTAT+557	proteomics_stat	124196	124228	+	2	7	K.GYGMGDAEAGK.N	15
PSTAT+558	proteomics_stat	124283	124384	+	2	12	R.DRFNVPVSDADIEKLPYITFPEGSEEHTYLHAQR.Q	38
PSTAT+559	proteomics_stat	124283	124324	+	2	3	R.DRFNVPVSDADIEK.L	18
PSTAT+560	proteomics_stat	124289	124384	+	2	13	R.FNVVSDADIEKLPYITFPEGSEEHTYLHAQR.Q	36
PSTAT+561	proteomics_stat	124325	124384	+	2	9	K.LPYITFPEGSEEHTYLHAQR.Q	24
PSTAT+562	proteomics_stat	124334	124384	+	2	2	Y.ITFPEGSEEHTYLHAQR.Q	21
PSTAT+563	proteomics_stat	124415	124489	+	2	5	R.QPNFTEKLELPSLQDFGALLEEQSK.E	29
PSTAT+564	proteomics_stat	124436	124489	+	2	22	K.LELPSLQDFGALLEEQSK.E	22
PSTAT+565	proteomics_stat	124436	124519	+	2	44	K.LELPSLQDFGALLEEQSKEISTTIAFVR.A	32
PSTAT+566	proteomics_stat	124490	124519	+	2	3	K.EISTTIAFVR.A	14
PSTAT+567	proteomics_stat	124562	124591	+	2	2	R.LVPIIADEAR.T	14
PSTAT+568	proteomics_stat	124592	124618	+	2	2	R.TFGMEGLFR.Q	13
PSTAT+569	proteomics_stat	124595	124618	+	2	2	T.FGMEGLFR.Q	12
PSTAT+570	proteomics_stat	124598	124669	+	2	3	F.GMEGLFRQIGIYSPNGQQYTPQDR.E	28
PSTAT+571	proteomics_stat	124619	124669	+	2	10	R.QIGIYSPNGQQYTPQDR.E	21
PSTAT+572	proteomics_stat	124622	124669	+	2	4	Q.IGIYSPNGQQYTPQDR.E	20
PSTAT+573	proteomics_stat	124670	124702	+	2	6	R.EQVAYYKEDEK.G	15
PSTAT+574	proteomics_stat	124838	124879	+	2	7	R.IGDLCWAAGDQQAR.G	18
PSTAT+575	proteomics_stat	124880	124909	+	2	4	R.GFLIGGTSGR.T	14
PSTAT+576	proteomics_stat	124982	125047	+	2	2	N.CISYDPAYAYEVAVIMHDGLER.M	26
PSTAT+577	proteomics_stat	125063	125149	+	2	14	K.QENVYYYITTLNENYHMPAMPEGAEEGIR.K	33
PSTAT+578	proteomics_stat	125063	125152	+	2	29	K.QENVYYYITTLNENYHMPAMPEGAEEGIRK.G	34
PSTAT+579	proteomics_stat	125150	125188	+	2	5	R.KGIYKLETIEGSK.G	17
PSTAT+580	proteomics_stat	125153	125188	+	2	10	K.GIYKLETIEGSK.G	16
PSTAT+581	proteomics_stat	125189	125227	+	2	10	K.GKVQLLGSILR.H	17
PSTAT+582	proteomics_stat	125195	125227	+	2	6	K.VQLLGSILR.H	15
PSTAT+583	proteomics_stat	125261	125317	+	2	93	K.DYGVGSDVYSVTSFTELAR.D	23
PSTAT+584	proteomics_stat	125339	125371	+	2	21	R.WNMLHPLETFR.V	15
PSTAT+585	proteomics_stat	125372	125434	+	2	14	R.VPYIAQVMNDAPAVASTDYMK.L	25
PSTAT+586	proteomics_stat	125381	125434	+	2	6	Y.IAQVMNDAPAVASTDYMK.L	22
PSTAT+587	proteomics_stat	125456	125482	+	2	3	R.TYVPADDYR.V	13
PSTAT+588	proteomics_stat	125612	125638	+	2	10	K.KVVADAIK.F	13

PSTAT+589	proteomics_stat	125639	125671	+	2	16	K.FNIDADKVNPR.L	15
PSTAT+590	proteomics_stat	125642	125671	+	2	5	F.NIDADKVNPR.L	14
PSTAT+591	proteomics_stat	125645	125671	+	2	2	N.IDADKVNPR.L	13
PSTAT+592	proteomics_stat	125698	125763	+	1	33	M.AIEIKVPDIGADEVEITEILVK.V	26
PSTAT+593	proteomics_stat	125713	125763	+	1	70	K.VPDIGADEVEITEILVK.V	21
PSTAT+594	proteomics_stat	125869	125967	+	1	3	K.VSVGDKTQTGALIMIFDSADGAADAAPAQAEK.K	37
PSTAT+595	proteomics_stat	125887	125970	+	1	10	K.TQTGALIMIFDSADGAADAAPAQAEK.E	32
PSTAT+596	proteomics_stat	125887	125967	+	1	4	K.TQTGALIMIFDSADGAADAAPAQAEK.K	31
PSTAT+597	proteomics_stat	125920	125967	+	1	2	D.SADGAADAAPAQAEK.K	20
PSTAT+598	proteomics_stat	125968	126012	+	1	10	K.KEAAPAAAPAAAAA.K.D	19
PSTAT+599	proteomics_stat	125971	126012	+	1	9	K.EAAPAAAPAAAAA.K.D	18
PSTAT+600	proteomics_stat	126013	126072	+	1	31	K.DVNVDPDIGSDEVEVTEILVK.V	24
PSTAT+601	proteomics_stat	126022	126072	+	1	3	N.VPDIGSDEVEVTEILVK.V	21
PSTAT+602	proteomics_stat	126025	126072	+	1	2	V.PDIGSDEVEVTEILVK.V	20
PSTAT+603	proteomics_stat	126196	126267	+	1	5	K.VSTGSLIMVFEVAGEAGAAAPAAK.Q	28
PSTAT+604	proteomics_stat	126268	126315	+	1	10	K.QEAPAAAPAPAAGVK.E	20
PSTAT+605	proteomics_stat	126316	126375	+	1	12	K.EVNVPDIGGDEVEVTEVMVK.V	24
PSTAT+606	proteomics_stat	126472	126504	+	1	2	K.ELKVNVDGKVK.T	15
PSTAT+607	proteomics_stat	126505	126600	+	1	39	K.TGSLIMIFEVEGAAPAAAPAKQEAAAPAPAAK.A	36
PSTAT+608	proteomics_stat	126505	126567	+	1	49	K.TGSLIMIFEVEGAAPAAAPAK.Q	25
PSTAT+609	proteomics_stat	126568	126600	+	1	8	K.QEAAAPAPAAK.A	15
PSTAT+610	proteomics_stat	126601	126633	+	1	12	K.AEAPAAAPAAK.A	15
PSTAT+611	proteomics_stat	126604	126633	+	1	2	A.EAPAAAPAAK.A	14
PSTAT+612	proteomics_stat	126634	126696	+	1	4	K.AEGKSEFAENDAYVHATPLIR.R	25
PSTAT+613	proteomics_stat	126646	126696	+	1	11	K.SEFAENDAYVHATPLIR.R	21
PSTAT+614	proteomics_stat	126760	126792	+	1	26	R.ILREDVQAYVK.E	15
PSTAT+615	proteomics_stat	126763	126792	+	1	6	I.LREDVQAYVK.E	14
PSTAT+616	proteomics_stat	126805	126867	+	1	11	K.RAEAAPAATGGGIPGMLPWPK.V	25
PSTAT+617	proteomics_stat	126805	126894	+	1	2	K.RAEAAPAATGGGIPGMLPWPKVDFSKFGEI.E	34
PSTAT+618	proteomics_stat	126808	126867	+	1	13	R.AEAPAAATGGGIPGMLPWPK.V	24
PSTAT+619	proteomics_stat	126883	126915	+	1	7	K.FGEIEEVELGR.I	15
PSTAT+620	proteomics_stat	126949	126987	+	1	2	R.NWVMIPHVTHFDK.T	17
PSTAT+621	proteomics_stat	126949	127017	+	1	24	R.NWVMIPHVTHFDKTDITELEAFR.K	27
PSTAT+622	proteomics_stat	126970	127017	+	1	7	H.VTHFDKTDITELEAFR.K	20
PSTAT+623	proteomics_stat	126988	127020	+	1	2	K.TDITELEAFR.K.Q	15
PSTAT+624	proteomics_stat	127063	127089	+	1	2	K.ITPVVFIMK.A	13
PSTAT+625	proteomics_stat	127090	127122	+	1	7	K.AVAAALEQMPR.F	15
PSTAT+626	proteomics_stat	127123	127155	+	1	8	R.FNSLSSEDGQR.L	15
PSTAT+627	proteomics_stat	127168	127230	+	1	7	K.KYINIGVAVDTPNGLVVPVK.D	25
PSTAT+628	proteomics_stat	127171	127230	+	1	82	K.YINIGVAVDTPNGLVVPVK.D	24
PSTAT+629	proteomics_stat	127171	127245	+	1	4	K.YINIGVAVDTPNGLVVPVKDVNKK.G	29
PSTAT+630	proteomics_stat	127243	127266	+	1	4	K.KGIILSR.E	12
PSTAT+631	proteomics_stat	127267	127287	+	1	2	R.ELMTISK.K	11
PSTAT+632	proteomics_stat	127306	127425	+	1	84	K.LTAGEMQGGCFTISSIGGLGTTTFAPIVNAPEVAILGVSK.S	44
PSTAT+633	proteomics_stat	127426	127470	+	1	4	K.SAMEPVWNGKEFVPR.L	19
PSTAT+634	proteomics_stat	127471	127506	+	1	3	R.LMLPISLSFDHR.V	16

PSTAT+635	proteomics_stat	127507	127533	+	1	5	R.VIDGADGAR.F	13
PSTAT+636	proteomics_stat	127531	127572	+	1	8	A.RFITIINNTLSDIR.R	18
PSTAT+637	proteomics_stat	127534	127572	+	1	15	R.FITIINNTLSDIR.R	17
PSTAT+638	proteomics_stat	127534	127575	+	1	6	R.FITIINNTLSDIRR.L	18
PSTAT+639	proteomics_stat	127930	127983	+	1	20	K.TQVVVLGAGPAGYSAAFR.C	22
PSTAT+640	proteomics_stat	127933	127983	+	1	3	T.QVVVLGAGPAGYSAAFR.C	21
PSTAT+641	proteomics_stat	128023	128073	+	1	2	R.YNTLGGVCLNVGCIPSK.A	21
PSTAT+642	proteomics_stat	128113	128151	+	1	31	K.ALAEHGIVFGEPK.T	17
PSTAT+643	proteomics_stat	128116	128151	+	1	7	A.LAEHGIVFGEPK.T	16
PSTAT+644	proteomics_stat	128119	128151	+	1	2	L.AEHGIVFGEPK.T	15
PSTAT+645	proteomics_stat	128182	128229	+	1	10	K.EKVINQLTGGLAGMAK.G	20
PSTAT+646	proteomics_stat	128188	128229	+	1	17	K.VINQLTGGLAGMAK.G	18
PSTAT+647	proteomics_stat	128266	128310	+	1	11	K.FTGANTLEVEGENGK.T	19
PSTAT+648	proteomics_stat	128311	128394	+	1	34	K.TVINFDNAIIAAGSRPIQLPFIPHEDPR.I	32
PSTAT+649	proteomics_stat	128311	128355	+	1	4	K.TVINFDNAIIAAGSR.P	19
PSTAT+650	proteomics_stat	128311	128388	+	1	2	K.TVINFDNAIIAAGSRPIQLPFIPHED.P	30
PSTAT+651	proteomics_stat	128395	128427	+	1	7	R.IWDSTDALELK.E	15
PSTAT+652	proteomics_stat	128497	128571	+	1	8	H.ALGSQIDVVEMFDQVIPAADKDIVK.V	29
PSTAT+653	proteomics_stat	128596	128622	+	1	8	K.KFNLMLETK.V	13
PSTAT+654	proteomics_stat	128623	128676	+	1	7	K.VTAVEAKEDGIYVTMEGK.K	22
PSTAT+655	proteomics_stat	128644	128676	+	1	6	K.EDGIYVTMEGK.K	15
PSTAT+656	proteomics_stat	128677	128730	+	1	13	K.KAPAEPQRYDAVLVAIGR.V	22
PSTAT+657	proteomics_stat	128680	128730	+	1	3	K.APAEPQRYDAVLVAIGR.V	21
PSTAT+658	proteomics_stat	128701	128730	+	1	5	R.YDAVLVAIGR.V	14
PSTAT+659	proteomics_stat	128764	128787	+	1	6	K.AGVEVDDR.G	12
PSTAT+660	proteomics_stat	128818	128880	+	1	48	R.TNVPHIFAIGDIVGQPMLAHK.G	25
PSTAT+661	proteomics_stat	128818	128874	+	1	4	R.TNVPHIFAIGDIVGQPMLA.H	23
PSTAT+662	proteomics_stat	128833	128880	+	1	3	H.IFAIGDIVGQPMLAHK.G	20
PSTAT+663	proteomics_stat	128881	128925	+	1	11	K.GVHEGHVAAEVIAGK.K	19
PSTAT+664	proteomics_stat	128881	128928	+	1	38	K.GVHEGHVAAEVIAGKK.H	20
PSTAT+665	proteomics_stat	128947	129006	+	1	8	K.VIPSIAYTEPEVAWVGLTEK.E	24
PSTAT+666	proteomics_stat	129016	129069	+	1	7	K.EKGISYETATFPWAASGR.A	22
PSTAT+667	proteomics_stat	129022	129069	+	1	14	K.GISYETATFPWAASGR.A	20
PSTAT+668	proteomics_stat	129025	129069	+	1	2	G.ISYETATFPWAASGR.A	19
PSTAT+669	proteomics_stat	129028	129069	+	1	2	I.SYETATFPWAASGR.A	18
PSTAT+670	proteomics_stat	129070	129105	+	1	15	R.AIASDCADGMTK.L	16
PSTAT+671	proteomics_stat	129073	129105	+	1	3	A.IASDCADGMTK.L	15
PSTAT+672	proteomics_stat	131651	131719	+	2	16	R.AAEGIAPKPLDANQMAALVELLK.N	27
PSTAT+673	proteomics_stat	131651	131674	+	2	2	R.AAEGIAPK.P	12
PSTAT+674	proteomics_stat	131675	131719	+	2	2	K.PLDANQMAALVELLK.N	19
PSTAT+675	proteomics_stat	131693	131770	+	2	6	Q.MAALVELLKNPPAGEEEFLDLLTNR.V	30
PSTAT+676	proteomics_stat	131720	131770	+	2	19	K.NPPAGEEEFLDLLTNR.V	21
PSTAT+677	proteomics_stat	131720	131806	+	2	6	K.NPPAGEEEFLDLLTNRVPPGVDEAAYVK.A	33
PSTAT+678	proteomics_stat	131771	131806	+	2	2	R.VPPGVDEAAYVK.A	16
PSTAT+679	proteomics_stat	131807	131833	+	2	4	K.AGFLAAIAK.G	13
PSTAT+680	proteomics_stat	131846	131869	+	2	7	K.SPLLTPEK.A	12

PSTAT+681	proteomics_stat	131870	131944	+	2	99	K.AIELLGTMQGGYNIHPLIDALDDAK.L	29
PSTAT+682	proteomics_stat	131966	132019	+	2	72	K.ALSHTLLMFDNFYDVEEK.A	22
PSTAT+683	proteomics_stat	132047	132109	+	2	7	K.QVMQSWADAEWFLNRPALAEK.L	25
PSTAT+684	proteomics_stat	132233	132277	+	2	13	R.EGIEPDQPGVVGPIK.Q	19
PSTAT+685	proteomics_stat	132299	132352	+	2	3	Q.KGFPLAYVGDVVGTSR.K	22
PSTAT+686	proteomics_stat	132302	132352	+	2	11	K.GFPLAYVGDVVGTSR.K	21
PSTAT+687	proteomics_stat	132353	132418	+	2	18	R.KSATNSVLWFMGDDIPHPNKR.G	26
PSTAT+688	proteomics_stat	132353	132415	+	2	11	R.KSATNSVLWFMGDDIPHPNK.R	25
PSTAT+689	proteomics_stat	132356	132418	+	2	27	K.SATNSVLWFMGDDIPHPNKR.G	25
PSTAT+690	proteomics_stat	132356	132415	+	2	2	K.SATNSVLWFMGDDIPHPNK.R	24
PSTAT+691	proteomics_stat	132419	132445	+	2	4	R.GGGLCLGGK.I	13
PSTAT+692	proteomics_stat	132446	132565	+	2	9	K.IAPIFFNTMEDAGALPIEVDVSNLNMGDVIDVYPYKGEVR.N	44
PSTAT+693	proteomics_stat	132491	132565	+	2	6	L.PIEVDVSNLNMGDVIDVYPYKGEVR.N	29
PSTAT+694	proteomics_stat	132503	132565	+	2	2	V.DVSNLNMGDVIDVYPYKGEVR.N	25
PSTAT+695	proteomics_stat	132509	132565	+	2	5	V.SNLNMGDVIDVYPYKGEVR.N	23
PSTAT+696	proteomics_stat	132518	132565	+	2	3	L.NMGDVIDVYPYKGEVR.N	20
PSTAT+697	proteomics_stat	132566	132607	+	2	51	R.NHETGELLATFELK.T	18
PSTAT+698	proteomics_stat	132608	132634	+	2	5	K.TDVLIDEVR.A	13
PSTAT+699	proteomics_stat	132635	132667	+	2	2	R.AGGRIPLIIGR.G	15
PSTAT+700	proteomics_stat	132689	132724	+	2	9	R.EALGLPHSDVFR.Q	16
PSTAT+701	proteomics_stat	132734	132775	+	2	4	K.DVAESDRGFSLAQK.M	18
PSTAT+702	proteomics_stat	132803	132835	+	2	7	K.GIRPGAYCEPK.M	15
PSTAT+703	proteomics_stat	132836	132880	+	2	11	K.MTSVGSQDTTGPMT.R	19
PSTAT+704	proteomics_stat	132965	133015	+	2	6	K.PVDVNTHTLPDFIMNR.G	21
PSTAT+705	proteomics_stat	133016	133069	+	2	10	R.GGVSLRPGDGVHISWLN.R	22
PSTAT+706	proteomics_stat	133070	133117	+	2	4	R.MLLPDTVGTGGDSHTR.F	20
PSTAT+707	proteomics_stat	133073	133117	+	2	2	M.LLPDTVGTGGDSHTR.F	19
PSTAT+708	proteomics_stat	133118	133219	+	2	19	R.FPIGISFPAGSGLVAFAAATGV MPLDMPESVLR.F	38
PSTAT+709	proteomics_stat	133256	133291	+	2	6	R.DLVHAIPLYAIK.Q	16
PSTAT+710	proteomics_stat	133325	133345	+	2	2	K.KNIFSGR.I	11
PSTAT+711	proteomics_stat	133346	133420	+	2	122	R.ILEIEGLPDLKVEQAFELTDASAER.S	29
PSTAT+712	proteomics_stat	133346	133378	+	2	2	R.ILEIEGLPDLK.V	15
PSTAT+713	proteomics_stat	133379	133420	+	2	4	K.VEQAFELTDASAER.S	18
PSTAT+714	proteomics_stat	133445	133498	+	2	98	K.LNKEPIIEYLNINIVLLK.W	22
PSTAT+715	proteomics_stat	133445	133477	+	2	3	K.LNKEPIIEYLN.S	15
PSTAT+716	proteomics_stat	133454	133498	+	2	2	K.EPIIEYLNINIVLLK.W	19
PSTAT+717	proteomics_stat	133502	133531	+	2	2	W.MIAEGYD.RR.T	14
PSTAT+718	proteomics_stat	133718	133768	+	2	27	K.IDEVFIGSMTNIGHFR.A	21
PSTAT+719	proteomics_stat	133841	133891	+	2	15	R.MDAAQLTEEGYYSVFGK.S	21
PSTAT+720	proteomics_stat	133844	133891	+	2	4	M.DAAQLTEEGYYSVFGK.S	20
PSTAT+721	proteomics_stat	133904	133948	+	2	2	R.IEIPGCSLCMGNQAR.V	19
PSTAT+722	proteomics_stat	133949	133987	+	2	7	R.VADGATVVSTSTR.N	17
PSTAT+723	proteomics_stat	133952	133987	+	2	3	V.ADGATVVSTSTR.N	16
PSTAT+724	proteomics_stat	133955	133987	+	2	2	A.DGATVVSTSTR.N	15
PSTAT+725	proteomics_stat	133976	134071	+	2	20	S.TSTRNFPNRLGTGANVFLASAE LA AVALIGK.L	36
PSTAT+726	proteomics_stat	134003	134071	+	2	642	R.LGTGANVFLASAE LA AVALIGK.L	27

PSTAT+727	proteomics_stat	134003	134119	+	2	16	R.LGTGANVFLASAEAAVAALIGKLPTEEEYQTYVAQVDK.T	43
PSTAT+728	proteomics_stat	134072	134140	+	2	2	K.LPTPEEYQTYVAQVDKTAVDTYR.Y	27
PSTAT+729	proteomics_stat	134072	134119	+	2	7	K.LPTPEEYQTYVAQVDK.T	20
PSTAT+730	proteomics_stat	134141	134179	+	2	10	R.YLNFNQLSQYTEK.A	17
PSTAT+731	proteomics_stat	134144	134179	+	2	2	Y.LNFNQLSQYTEK.A	16
PSTAT+732	proteomics_stat	134436	134486	+	3	4	R.MSMGHEVVGHWFNVEVK.E	21
PSTAT+733	proteomics_stat	134562	134612	+	3	8	R.AGHEYTLWMDGEEVMVR.A	21
PSTAT+734	proteomics_stat	137167	137217	+	1	7	A.AERPTLPIDLLTTDAR.N	21
PSTAT+735	proteomics_stat	137224	137268	+	1	3	R.IQLTIGAGQSTFGGK.T	19
PSTAT+736	proteomics_stat	137269	137319	+	1	2	K.TATTWGYNGNLLGPAVK.L	21
PSTAT+737	proteomics_stat	137605	137649	+	1	3	K.QWGIDDPVIVQDKK.F	19
PSTAT+738	proteomics_stat	137605	137646	+	1	2	K.QWGIDDPVIVQDK.K	18
PSTAT+739	proteomics_stat	137809	137889	+	1	5	R.SLNFATSDNRPLYVIASDGGLLPEPVK.V	31
PSTAT+740	proteomics_stat	138037	138129	+	1	7	R.IQPIAISASGALPDTLSSLPALPSLEGLTVR.K	35
PSTAT+741	proteomics_stat	138133	138192	+	1	5	K.LQLSMDPMLDMMGMQMLMEK.Y	24
PSTAT+742	proteomics_stat	138286	138309	+	1	4	K.FDFHHANK.I	12
PSTAT+743	proteomics_stat	138310	138360	+	1	4	K.INGQAFDMNKPMAAAK.G	21
PSTAT+744	proteomics_stat	138442	138480	+	1	3	R.ILSENGKPPAAHR.A	17
PSTAT+745	proteomics_stat	141437	141475	+	2	10	K.HTVEVMIPEAEIK.A	17
PSTAT+746	proteomics_stat	141515	141559	+	2	3	R.YKDSGSDMVLVGLLR.G	19
PSTAT+747	proteomics_stat	141674	141703	+	2	2	K.ILKDLDEDIR.G	14
PSTAT+748	proteomics_stat	141683	141703	+	2	3	K.DLDEDIR.G	11
PSTAT+749	proteomics_stat	141704	141760	+	2	24	R.GKDVLIVEDIIDSGNTLSK.V	23
PSTAT+750	proteomics_stat	141710	141760	+	2	11	K.DVLIVEDIIDSGNTLSK.V	21
PSTAT+751	proteomics_stat	141767	141793	+	2	2	R.EILSLREPK.S	13
PSTAT+752	proteomics_stat	141836	141919	+	2	21	R.EVNVPEFIGFSIPDEFVVGYGIDYAQR.Y	32
PSTAT+753	proteomics_stat	142962	143009	+	3	2	R.VSVFGYDLEKDVVNAK.R	20
PSTAT+754	proteomics_stat	143571	143636	+	3	2	R.EQGINSVFTQLSEQGIQVLSMR.N	26
PSTAT+755	proteomics_stat	143643	143687	+	3	3	K.ANRLEELFVSLVNEK.Q	19
PSTAT+756	proteomics_stat	162108	162203	+	3	2	V.SSLPVAAVLPELLTALDCAPQVLLSAPTGAGK.S	36
PSTAT+757	proteomics_stat	164811	164873	+	3	3	R.YEDDDDDYDDYDEEPMPR.K	25
PSTAT+758	proteomics_stat	165384	165434	+	3	4	R.SGFPDLLVDTLLATEDR.H	21
PSTAT+759	proteomics_stat	165864	165941	+	3	5	R.LLQQQQIIDQELYDMLSARPLGVQPR.G	30
PSTAT+760	proteomics_stat	165942	165986	+	3	4	R.GGVISPQPAFMQLVR.Q	19
PSTAT+761	proteomics_stat	166041	166085	+	3	2	K.IFTTFDSVAQDAEK.A	19
PSTAT+762	proteomics_stat	166185	166229	+	3	2	R.AMVGGESEPQFAGYNR.A	19
PSTAT+763	proteomics_stat	166248	166304	+	3	3	R.SIGSLAKPATYLTALSQPK.I	23
PSTAT+764	proteomics_stat	166443	166514	+	3	3	R.SMNVPVNLGMALGLPAVTETWIK.L	28
PSTAT+765	proteomics_stat	166530	166631	+	3	15	K.DQLHPVPAMLLGALNLTPIEVAQAFQTIASGGNR.A	38
PSTAT+766	proteomics_stat	166797	166823	+	3	2	K.YPNLHLAGK.T	13
PSTAT+767	proteomics_stat	167598	167675	+	3	5	K.EDTITVTAAPAPQESAWGPAATIAAR.Q	30
PSTAT+768	proteomics_stat	167676	167717	+	3	3	R.QSATGKTDTPIQK.V	18
PSTAT+769	proteomics_stat	167718	167774	+	3	3	K.VPQISVVTAEEMALHQPK.S	23
PSTAT+770	proteomics_stat	167784	167825	+	3	2	K.EALSYPGVSVGTR.G	18
PSTAT+771	proteomics_stat	167826	167861	+	3	6	R.GASNTYDHLIIR.G	16
PSTAT+772	proteomics_stat	167862	167912	+	3	5	R.GFAAEGQSQNNYLNGLK.L	21



PSTAT+773	proteomics_stat	168045	168083	+	3	3	K.RPTTEPLKEVQFK.A	17
PSTAT+774	proteomics_stat	168084	168161	+	3	10	K.AGTDSLFTQGFDFSDSLDDDGVSYSR.L	30
PSTAT+775	proteomics_stat	168330	168362	+	3	2	K.EGTVEPLPNGK.R	15
PSTAT+776	proteomics_stat	168363	168395	+	3	6	K.RLPTDFNEGAK.N	15
PSTAT+777	proteomics_stat	168501	168563	+	3	3	K.TSQNSVYGYGVCSDPANAYSK.Q	25
PSTAT+778	proteomics_stat	168612	168674	+	3	4	R.KYVVDEKQLQNFSDTQLQSK.F	25
PSTAT+779	proteomics_stat	168675	168728	+	3	7	K.FATGDIDHTLLTGVDVDFMR.M	22
PSTAT+780	proteomics_stat	169107	169133	+	3	4	K.DGNIFAPSK.G	13
PSTAT+781	proteomics_stat	169161	169217	+	3	2	K.YVPEDRPIVVTGAVYNLTK.T	23
PSTAT+782	proteomics_stat	169587	169640	+	3	3	R.VGMAGSNVALHVNNLFDR.E	22
PSTAT+783	proteomics_stat	172877	172951	+	2	8	R.WIFPTPYVTGGDGVKHRVHHAFFDDV.A	29
PSTAT+784	proteomics_stat	176613	176663	+	3	2	M.SDDVALPLEFTDAAANK.V	21
PSTAT+785	proteomics_stat	176802	176891	+	3	3	K.QGVGLVVDPMQLYLVGGSDVYTEGLEGSR.F	34
PSTAT+786	proteomics_stat	181025	181084	+	2	6	K.VMPSVVSINVEGSTTVNTPR.M	24
PSTAT+787	proteomics_stat	181211	181303	+	2	5	K.FMALGSGVIIDADKGYVVTNNHVVDNATVIK.V	35
PSTAT+788	proteomics_stat	181253	181303	+	2	7	K.GYVVTNNHVVDNATVIK.V	21
PSTAT+789	proteomics_stat	181361	181396	+	2	4	R.SDIALIQIQNPK.N	16
PSTAT+790	proteomics_stat	181439	181522	+	2	27	R.VGDYVAIGNPFLGETVTSGIVSALGR.S	32
PSTAT+791	proteomics_stat	181583	181705	+	2	2	R.GNSGGALVNLNGELIGINTAILAPDGGNIGFAIPSNMVK.N	45
PSTAT+792	proteomics_stat	181706	181744	+	2	11	K.NLTSQMVEYGQVK.R	17
PSTAT+793	proteomics_stat	181706	181747	+	2	2	K.NLTSQMVEYGQVKR.G	18
PSTAT+794	proteomics_stat	181745	181795	+	2	15	K.RGELGIMGTELNSELAK.A	21
PSTAT+795	proteomics_stat	181748	181795	+	2	4	R.GELGIMGTELNSELAK.A	20
PSTAT+796	proteomics_stat	181820	181864	+	2	8	R.GAFVSQVLPNSSAAK.A	19
PSTAT+797	proteomics_stat	181877	181936	+	2	8	K.AGDVITSLNGKPISSFAALR.A	24
PSTAT+798	proteomics_stat	181937	181969	+	2	3	R.AQVGTMPVGSK.L	15
PSTAT+799	proteomics_stat	182099	182134	+	2	7	K.GKDQGVVNNVK.T	16
PSTAT+800	proteomics_stat	182105	182134	+	2	7	K.DQGVVNNVK.T	14
PSTAT+801	proteomics_stat	182168	182209	+	2	8	K.KGDVIIGANQQAVK.N	18
PSTAT+802	proteomics_stat	182231	182275	+	2	5	K.VLDSKPSVLALNIQR.G	19
PSTAT+803	proteomics_stat	189985	190008	+	1	4	K.VHIINLEK.T	12
PSTAT+804	proteomics_stat	190009	190050	+	1	27	K.TVPMFNEALAELENK.I	18
PSTAT+805	proteomics_stat	190072	190092	+	1	2	K.ILFVGTK.R	11
PSTAT+806	proteomics_stat	190093	190158	+	1	3	K.RAASEAVKDAALS CDQFFVNHR.W	26
PSTAT+807	proteomics_stat	190096	190158	+	1	23	R.AASEAVKDAALS CDQFFVNHR.W	25
PSTAT+808	proteomics_stat	190117	190158	+	1	11	K.DAALS CDQFFVNHR.W	18
PSTAT+809	proteomics_stat	190159	190188	+	1	4	R.WLGGMLTNWK.T	14
PSTAT+810	proteomics_stat	190162	190188	+	1	2	W.LGGMLTNWK.T	13
PSTAT+811	proteomics_stat	190210	190257	+	1	6	K.RLKDLETQSQDGTDFDK.L	20
PSTAT+812	proteomics_stat	190213	190257	+	1	23	R.LKDLETQSQDGTDFDK.L	19
PSTAT+813	proteomics_stat	190213	190266	+	1	18	R.LKDLETQSQDGTDFDKLTK.K	22
PSTAT+814	proteomics_stat	190213	190269	+	1	9	R.LKDLETQSQDGTDFDKLTKK.E	23
PSTAT+815	proteomics_stat	190219	190269	+	1	4	K.DLETQSQDGTDFDKLTKK.E	21
PSTAT+816	proteomics_stat	190219	190266	+	1	4	K.DLETQSQDGTDFDKLTK.K	20
PSTAT+817	proteomics_stat	190219	190257	+	1	22	K.DLETQSQDGTDFDK.L	17
PSTAT+818	proteomics_stat	190285	190329	+	1	5	R.TRELEKLENSLGGIK.D	19

PSTAT+819	proteomics_stat	190291	190329	+	1	7	R.ELEKLENSLGGIK.D	17
PSTAT+820	proteomics_stat	190291	190395	+	1	5	R.ELEKLENSLGGIKDMGGLPDALFVIDADHEHIAIK.E	39
PSTAT+821	proteomics_stat	190303	190395	+	1	23	K.LENSLGGIKDMGGLPDALFVIDADHEHIAIK.E	35
PSTAT+822	proteomics_stat	190303	190329	+	1	4	K.LENSLGGIK.D	13
PSTAT+823	proteomics_stat	190330	190395	+	1	30	K.DMGGLPDALFVIDADHEHIAIK.E	26
PSTAT+824	proteomics_stat	190396	190497	+	1	133	K.EANNLGIPVFAIVDTNSDPDGVDFVIPGNDDAIR.A	38
PSTAT+825	proteomics_stat	190396	190449	+	1	6	K.EANNLGIPVFAIVDTNSD.P	22
PSTAT+826	proteomics_stat	190417	190497	+	1	2	I.PVFAIVDTNSDPDGVDFVIPGNDDAIR.A	31
PSTAT+827	proteomics_stat	190426	190497	+	1	3	F.AIVDTNSDPDGVDFVIPGNDDAIR.A	28
PSTAT+828	proteomics_stat	190438	190497	+	1	2	D.TNSDPDGVDFVIPGNDDAIR.A	24
PSTAT+829	proteomics_stat	190450	190497	+	1	7	D.PDGVDFVIPGNDDAIR.A	20
PSTAT+830	proteomics_stat	190498	190539	+	1	9	R.AVTLYLGAVAATVR.E	18
PSTAT+831	proteomics_stat	190549	190596	+	1	5	R.SQDLASQAEESFVEAE.-	20
PSTAT+832	proteomics_stat	190860	190886	+	3	2	M.AEITASLVK.E	13
PSTAT+833	proteomics_stat	190896	190928	+	3	4	R.ERTGAGMMDCK.K	15
PSTAT+834	proteomics_stat	190902	190928	+	3	4	R.TGAGMMDCK.K	13
PSTAT+835	proteomics_stat	190902	190931	+	3	13	R.TGAGMMDCKK.A	14
PSTAT+836	proteomics_stat	190929	190985	+	3	5	K.KALTEANGDIELAIENMRK.S	23
PSTAT+837	proteomics_stat	190929	190982	+	3	81	K.KALTEANGDIELAIENMR.K	22
PSTAT+838	proteomics_stat	190932	190985	+	3	3	K.ALTEANGDIELAIENMRK.S	22
PSTAT+839	proteomics_stat	190932	190982	+	3	95	K.ALTEANGDIELAIENMR.K	21
PSTAT+840	proteomics_stat	191010	191045	+	3	32	K.KAGNVAADGVIK.T	16
PSTAT+841	proteomics_stat	191013	191045	+	3	6	K.AGNVAADGVIK.T	15
PSTAT+842	proteomics_stat	191052	191111	+	3	50	K.IDGNYGIILEVNCQTDVFAK.D	24
PSTAT+843	proteomics_stat	191112	191168	+	3	7	K.DAGFQAFADKVLDAAVAGK.I	23
PSTAT+844	proteomics_stat	191112	191141	+	3	17	K.DAGFQAFADK.V	14
PSTAT+845	proteomics_stat	191142	191168	+	3	7	K.VLDAAVAGK.I	13
PSTAT+846	proteomics_stat	191145	191168	+	3	4	V.LDAAVAGK.I	12
PSTAT+847	proteomics_stat	191169	191192	+	3	5	K.ITDVEVLK.A	12
PSTAT+848	proteomics_stat	191193	191213	+	3	2	K.AQFEER.V	11
PSTAT+849	proteomics_stat	191259	191309	+	3	24	R.VAALEGDVLGSYQHGAR.I	21
PSTAT+850	proteomics_stat	191262	191309	+	3	2	V.AALEGDVLGSYQHGAR.I	20
PSTAT+851	proteomics_stat	191265	191309	+	3	2	A.ALEGDVLGSYQHGAR.I	19
PSTAT+852	proteomics_stat	191271	191309	+	3	2	L.EGDVLGSYQHGAR.I	17
PSTAT+853	proteomics_stat	191310	191333	+	3	2	R.IGVLVAAK.G	12
PSTAT+854	proteomics_stat	191334	191357	+	3	6	K.GADEELVK.H	12
PSTAT+855	proteomics_stat	191358	191435	+	3	85	K.HIAMHVAASKPEFIKPEDVSAEVVEK.E	30
PSTAT+856	proteomics_stat	191436	191483	+	3	27	K.EYQQLDIAMQSGKPK.E	20
PSTAT+857	proteomics_stat	191520	191576	+	3	18	K.KFTGEVSLTGQPFVMEPSK.T	23
PSTAT+858	proteomics_stat	191523	191576	+	3	62	K.FTGEVSLTGQPFVMEPSK.T	22
PSTAT+859	proteomics_stat	191598	191630	+	3	33	K.EHNAEVTGFIR.F	15
PSTAT+860	proteomics_stat	191631	191699	+	3	135	R.FEVGEGIEKVETDFAAEVAAMSK.Q	27
PSTAT+861	proteomics_stat	191658	191699	+	3	9	K.VETDFAAEVAAMSK.Q	18
PSTAT+862	proteomics_stat	191858	191884	+	2	6	M.ATNAKPVYK.R	13
PSTAT+863	proteomics_stat	191900	191962	+	2	59	K.LSGEALQGTEGFGIDASILDR.M	25
PSTAT+864	proteomics_stat	192074	192130	+	2	7	R.VVGDHMGMLATVMNGLAMR.D	23

PSTAT+865	proteomics_stat	192164	192235	+	2	8	R.LMSAIPLNGVCDSSYSWAEAISLLR.N	28
PSTAT+866	proteomics_stat	192245	192310	+	2	6	R.VVILSAGTGNPFFTTDSAACLR.G	26
PSTAT+867	proteomics_stat	192353	192439	+	2	21	K.VDGVFTADPAKDPTATMYEQLTYSEVLEK.E	33
PSTAT+868	proteomics_stat	192449	192481	+	2	2	K.VMDLAAFTLAR.D	15
PSTAT+869	proteomics_stat	192503	192535	+	2	7	R.VFMNKP GALR.R	15
PSTAT+870	proteomics_stat	192869	192934	+	2	5	R.NVISDIRKDAEVRMDKCVEAFK.T	26
PSTAT+871	proteomics_stat	192965	193027	+	2	33	R.ASPSLLDGIVVEYGTPTPLR.Q	25
PSTAT+872	proteomics_stat	193028	193060	+	2	3	R.QLASVTVEDSR.T	15
PSTAT+873	proteomics_stat	193112	193198	+	2	13	K.AIMASDLGLNPNSAGSDIRVPLPPLTEER.R	33
PSTAT+874	proteomics_stat	193112	193168	+	2	9	K.AIMASDLGLNPNSAGSDIR.V	23
PSTAT+875	proteomics_stat	193169	193198	+	2	2	R.VPLPPLTEER.R	14
PSTAT+876	proteomics_stat	193217	193246	+	2	8	K.IVRGEAEQAR.V	14
PSTAT+877	proteomics_stat	193292	193336	+	2	6	K.ALLKDKEISEDDDRR.S	19
PSTAT+878	proteomics_stat	193304	193336	+	2	6	K.DKEISEDDDRR.S	15
PSTAT+879	proteomics_stat	193304	193357	+	2	5	K.DKEISEDDDRRSQDDVQK.L	22
PSTAT+880	proteomics_stat	193379	193426	+	2	104	K.KIEAALADKEAELMQF.-	20
PSTAT+881	proteomics_stat	193379	193405	+	2	6	K.KIEAALADK.E	13
PSTAT+882	proteomics_stat	194109	194144	+	3	5	R.DLATMTPDQACR.H	16
PSTAT+883	proteomics_stat	194304	194351	+	3	2	R.YQDGSVLAQLGEPDMR.T	20
PSTAT+884	proteomics_stat	198009	198035	+	3	2	K.DIHFEGLQR.V	13
PSTAT+885	proteomics_stat	198036	198074	+	3	3	R.VAVGAALLSMPVR.T	17
PSTAT+886	proteomics_stat	198075	198119	+	3	6	R.TGDTVNDEDISNTIR.A	19
PSTAT+887	proteomics_stat	198120	198155	+	3	3	R.AL FATGNFEDVR.V	16
PSTAT+888	proteomics_stat	198156	198194	+	3	3	R.VLRDGD TLLVQVK.E	17
PSTAT+889	proteomics_stat	198165	198194	+	3	5	R.DGDTLLVQVK.E	14
PSTAT+890	proteomics_stat	198195	198236	+	3	14	K.ERPTIASITFSGNK.S	18
PSTAT+891	proteomics_stat	198309	198365	+	3	5	R.TTIADIEKGLEDFYYSVGK.Y	23
PSTAT+892	proteomics_stat	198582	198608	+	3	3	K.LAGDLETLR.S	13
PSTAT+893	proteomics_stat	198585	198608	+	3	2	L.AGDLETLR.S	12
PSTAT+894	proteomics_stat	198639	198683	+	3	6	R.FNIDSTQVSLTPDKK.G	19
PSTAT+895	proteomics_stat	198729	198794	+	3	6	K.LSGVEVSGNLAGHSAEIEQLTK.I	26
PSTAT+896	proteomics_stat	198891	198935	+	3	4	R.VQSMPEINDADKTVK.L	19
PSTAT+897	proteomics_stat	198891	198926	+	3	4	R.VQSMPEINDADK.T	16
PSTAT+898	proteomics_stat	198981	199025	+	3	5	K.IRFEGNDTSKDAVLR.R	19
PSTAT+899	proteomics_stat	198987	199025	+	3	2	R.FEGNDTSKDAVLR.R	17
PSTAT+900	proteomics_stat	199038	199085	+	3	3	R.QMEGAWLGSDLVDQGK.E	20
PSTAT+901	proteomics_stat	199101	199178	+	3	5	R.LGFFETVDTDTQRVPGSPDQVDVVYK.V	30
PSTAT+902	proteomics_stat	199140	199178	+	3	3	R.VPGSPDQVDVVYK.V	17
PSTAT+903	proteomics_stat	199314	199391	+	3	2	K.NDYQTYAELSVTNPYFTVDGVSLGGR.L	30
PSTAT+904	proteomics_stat	199392	199448	+	3	2	R.LFYNDFQADDADLSDYTNK.S	23
PSTAT+905	proteomics_stat	199449	199505	+	3	5	K.SYGTDVTLGFPINEYNSLR.A	23
PSTAT+906	proteomics_stat	199506	199568	+	3	13	R.AGLGYVHNSLSNMQPQVAMWR.Y	25
PSTAT+907	proteomics_stat	199506	199553	+	3	2	R.AGLGYVHNSLSNMQPQ.V	20
PSTAT+908	proteomics_stat	199758	199805	+	3	2	K.VTLDTATYVIPIDDDHK.W	20
PSTAT+909	proteomics_stat	199860	199910	+	3	2	K.EMPFYENFYAGGSSTVR.G	21
PSTAT+910	proteomics_stat	199941	200018	+	3	2	K.AVYFPHQASNYDPDYECATQDGAK.D	30

PSTAT+911	proteomics_stat	200304	200351	+	3	8	K.KYDGDKAEQFQFNIGK.T	20
PSTAT+912	proteomics_stat	200307	200351	+	3	2	K.YDGDKAEQFQFNIGK.T	19
PSTAT+913	proteomics_stat	200542	200598	+	1	31	A.ADKIAIVNMGSLFQQVAQK.T	23
PSTAT+914	proteomics_stat	200548	200598	+	1	3	D.KIAIVNMGSLFQQVAQK.T	21
PSTAT+915	proteomics_stat	200551	200598	+	1	43	K.IAIVNMGSLFQQVAQK.T	20
PSTAT+916	proteomics_stat	200599	200640	+	1	4	K.TGVSNTLENEFKGR.A	18
PSTAT+917	proteomics_stat	200599	200634	+	1	9	K.TGVSNTLENEFK.G	16
PSTAT+918	proteomics_stat	200659	200682	+	1	10	R.METDLQAK.M	12
PSTAT+919	proteomics_stat	200728	200754	+	1	8	K.LEKDVMAQR.Q	13
PSTAT+920	proteomics_stat	200770	200796	+	1	4	Q.KAQAFEQDR.A	13
PSTAT+921	proteomics_stat	200821	200931	+	1	5	R.GKLVTRIQTAVKSVANSQDIDLVV DANAVAYNSSDVK.D	41
PSTAT+922	proteomics_stat	200857	200931	+	1	20	K.SVANSQDIDLVV DANAVAYNSSDVK.D	29
PSTAT+923	proteomics_stat	200857	200955	+	1	88	K.SVANSQDIDLVV DANAVAYNSSDVKDITADV LK.Q	37
PSTAT+924	proteomics_stat	200932	200955	+	1	3	K.DITADV LK.Q	12
PSTAT+925	proteomics_stat	201202	201225	+	1	2	K.NPYLTYAR.M	12
PSTAT+926	proteomics_stat	201226	201303	+	1	5	R.MAQILD TTPQPAQNIAPSAVIDATAK.L	30
PSTAT+927	proteomics_stat	201229	201303	+	1	4	M.AQILD TTPQPAQNIAPSAVIDATAK.L	29
PSTAT+928	proteomics_stat	201304	201402	+	1	4	K.LGNNV SIGANAVIESGVELGDNV IIGAGCFVGK.N	37
PSTAT+929	proteomics_stat	201817	201903	+	1	3	K.VTVTGMGMV MRPITEPGVYSSGIPLQPNK.V	33
PSTAT+930	proteomics_stat	202104	202160	+	3	27	L.TTNTHTLQIEEILELLPHR.F	23
PSTAT+931	proteomics_stat	202161	202184	+	3	3	R.FPFLVDR.V	12
PSTAT+932	proteomics_stat	202341	202400	+	3	2	K.SVGKLEPGELYFAGIDEAR.F	24
PSTAT+933	proteomics_stat	202353	202400	+	3	12	K.LEPGELYFAGIDEAR.F	20
PSTAT+934	proteomics_stat	202407	202457	+	3	13	K.RPVVPGDQMIMEVTFEK.T	21
PSTAT+935	proteomics_stat	202407	202481	+	3	7	K.RPVVPGDQMIMEVTFEKTRRGLTRF.K	29
PSTAT+936	proteomics_stat	202479	202508	+	3	7	R.FKGVALVDGK.V	14
PSTAT+937	proteomics_stat	202485	202508	+	3	4	K.GVALVDGK.V	12
PSTAT+938	proteomics_stat	202725	202787	+	3	2	K.IGRDNEIYQFASIGE VNQDLK.Y	25
PSTAT+939	proteomics_stat	202734	202787	+	3	4	R.DNEIYQFASIGE VNQDLK.Y	22
PSTAT+940	proteomics_stat	202890	202955	+	3	3	K.VGSDNLLMINAHIAHDCTVGNR.C	26
PSTAT+941	proteomics_stat	202926	202955	+	3	5	H.IAHDCTVGNR.C	14
PSTAT+942	proteomics_stat	203241	203300	+	3	6	K.TLDEVKPEIAELAETYP EVK.A	24
PSTAT+943	proteomics_stat	203301	203324	+	3	2	K.AFTDFFAR.S	12
PSTAT+944	proteomics_stat	204134	204205	+	2	2	R.EAMVASDAALLASGTAAL ECLMAK.C	28
PSTAT+945	proteomics_stat	204425	204445	+	2	2	R.ELHQQIR.C	11
PSTAT+946	proteomics_stat	208195	208257	+	1	2	S.GRLEVMLFTDALDKYQQLLEK.D	25
PSTAT+947	proteomics_stat	208624	208674	+	1	7	M.SLNFLDFEQPIAELEAK.I	21
PSTAT+948	proteomics_stat	208675	208701	+	1	2	K.IDSLTAVSR.Q	13
PSTAT+949	proteomics_stat	208678	208701	+	1	2	I.DSLTAVSR.Q	12
PSTAT+950	proteomics_stat	208777	208824	+	1	7	R.KIFADLGAWQIAQLAR.H	20
PSTAT+951	proteomics_stat	208780	208824	+	1	10	K.IFADLGAWQIAQLAR.H	19
PSTAT+952	proteomics_stat	208861	208899	+	1	2	R.LAFDEFDEL AGDR.A	17
PSTAT+953	proteomics_stat	208900	208941	+	1	4	R.AYADDKAI VGGIAR.L	18
PSTAT+954	proteomics_stat	209011	209046	+	1	4	R.NFGMPAPEGYRK.A	16
PSTAT+955	proteomics_stat	209077	209145	+	1	8	R.FKMPIITFIDTPGAYPGVGA EER.G	27
PSTAT+956	proteomics_stat	209338	209391	+	1	6	K.SADKAPLAAEAMGIIAPR.L	22

PSTAT+957	proteomics_stat	209407	209451	+	1	5	K.LIDSIIPEPLGGAHR.N	19
PSTAT+958	proteomics_stat	209407	209481	+	1	6	K.LIDSIIPEPLGGAHRNPEAMAASLK.A	29
PSTAT+959	proteomics_stat	209452	209481	+	1	2	R.NPEAMAASLK.A	14
PSTAT+960	proteomics_stat	209482	209538	+	1	19	K.AQLLADLADLDVLSTEDLK.N	23
PSTAT+961	proteomics_stat	210159	210209	+	3	6	K.SPVGCLFYDFFGGNTLK.A	21
PSTAT+962	proteomics_stat	210636	210716	+	3	2	K.QLTDVPSIHFDASAWVPYTHFHPIYQ GK.S	31
PSTAT+963	proteomics_stat	210750	210779	+	3	2	K.VIFETQSTHK.M	14
PSTAT+964	proteomics_stat	211608	211679	+	3	2	R.VSANMILPYPPGVPLLMPEMLTK.E	28
PSTAT+965	proteomics_stat	211778	211846	+	2	4	R.RRRLPRTSPKNGGITCQSGFRAS.N	27
PSTAT+966	proteomics_stat	212108	212173	+	2	6	R.HLAFSVDDIDAAVAHLESHNVK.C	26
PSTAT+967	proteomics_stat	213111	213146	+	3	2	R.WLAGQNAPMP SR.D	16
PSTAT+968	proteomics_stat	213714	213800	+	3	4	R.VAKAGNFIQTQLAGFASGLDDQVLHIFAG.D	33
PSTAT+969	proteomics_stat	215506	215547	+	1	2	R.EEPSSFASYGTWAR.T	18
PSTAT+970	proteomics_stat	215548	215589	+	1	5	R.TADKLVLTDSKGEK.S	18
PSTAT+971	proteomics_stat	215548	215580	+	1	2	R.TADKLVLTDSK.G	15
PSTAT+972	proteomics_stat	220006	220059	+	1	4	P.QCMIKTSILNQELVKMTR.R	22
PSTAT+973	proteomics_stat	222869	222952	+	2	5	R.DGTINVDHGYVHEIDNFEFIDGVIDAMR.E	32
PSTAT+974	proteomics_stat	223079	223144	+	2	3	R.DVDLDGIYCPHHPQGSVEEFR.Q	26
PSTAT+975	proteomics_stat	223301	223384	+	2	4	R.TGKPITPEAENAADWVLNSLADLPQAIK.K	32
PSTAT+976	proteomics_stat	223301	223387	+	2	5	R.TGKPITPEAENAADWVLNSLADLPQAIKK.Q	33
PSTAT+977	proteomics_stat	229203	229259	+	3	5	R.LKDDVVISSVITALELGYR.A	23
PSTAT+978	proteomics_stat	229260	229334	+	3	2	R.AIDTAQIYDNEAAVGQAIAESGVPR.H	29
PSTAT+979	proteomics_stat	229539	229580	+	3	3	R.EIGISNFTIPLMEK.A	18
PSTAT+980	proteomics_stat	229722	229748	+	3	6	K.ALKDEVIAR.I	13
PSTAT+981	proteomics_stat	229866	229901	+	3	7	K.AQNLQLDAEDKK.A	16
PSTAT+982	proteomics_stat	240427	240459	+	1	2	A.QDDLTISLAK.G	15
PSTAT+983	proteomics_stat	240475	240507	+	1	7	K.AAFNQMVQGHK.L	15
PSTAT+984	proteomics_stat	240508	240528	+	1	2	K.LPAWVMK.G	11
PSTAT+985	proteomics_stat	240529	240624	+	1	2	K.GGTYTPAQTVTLGDETYQVMSACKPHDCGSQR.I	36
PSTAT+986	proteomics_stat	240625	240648	+	1	2	R.IAVMWSEK.S	12
PSTAT+987	proteomics_stat	240649	240690	+	1	4	K.SNQMTGLFSTIDEK.T	18
PSTAT+988	proteomics_stat	240706	240750	+	1	5	K.LTWLNVNDALSIDGK.T	19
PSTAT+989	proteomics_stat	240751	240813	+	1	23	K.TVLFALTGSLENHPDGFNFK.-	25
PSTAT+990	proteomics_stat	243564	243638	+	3	35	R.NELNEAAETLANFLKDDANIHA IQR.A	29
PSTAT+991	proteomics_stat	243564	243608	+	3	6	R.NELNEAAETLANFLK.D	19
PSTAT+992	proteomics_stat	243609	243638	+	3	2	K.DDANIHA IQR.A	14
PSTAT+993	proteomics_stat	243639	243668	+	3	4	R.AAVLLADSFK.A	14
PSTAT+994	proteomics_stat	243684	243749	+	3	3	V.LSCGNGGSHCDAMHFAEELTGR.Y	26
PSTAT+995	proteomics_stat	243750	243851	+	3	6	R.YRENRPGYPAIAISDVSHISCVGNDFGFNDIFSR.Y	38
PSTAT+996	proteomics_stat	243756	243851	+	3	2	R.ENRPGYPAIAISDVSHISCVGNDFGFNDIFSR.Y	36
PSTAT+997	proteomics_stat	243873	243929	+	3	15	R.EGDVLLGISTSGNSANVIK.A	23
PSTAT+998	proteomics_stat	244468	244512	+	1	4	R.TFKDPQPSFNSPIAK.L	19
PSTAT+999	proteomics_stat	244576	244614	+	1	2	R.GEVALENTHPFTR.E	17
PSTAT+1000	proteomics_stat	244630	244671	+	1	3	R.NWTYAHNGQLTGYK.S	18
PSTAT+1001	proteomics_stat	255989	256027	+	2	3	K.YIVTWDMLQIHAR.K	17
PSTAT+1002	proteomics_stat	256088	256120	+	2	2	R.GGLVPGALLAR.E	15

PSTAT+1003	proteomics_stat	256136	256183	+	2	11	R.HVDTVCISSYDHDNR.E	20
PSTAT+1004	proteomics_stat	256202	256279	+	2	7	K.RAEGDGEFVIDDLVDTGGTAVAIR.E	30
PSTAT+1005	proteomics_stat	256205	256279	+	2	7	R.AEGDGEFVIDDLVDTGGTAVAIR.E	29
PSTAT+1006	proteomics_stat	256295	256321	+	2	2	K.AHFVTIFAK.P	13
PSTAT+1007	proteomics_stat	256530	256568	+	3	2	M.TQANLSETLFKPR.F	17
PSTAT+1008	proteomics_stat	256602	256652	+	3	3	R.RFNHGAQPPVQSALDGK.T	21
PSTAT+1009	proteomics_stat	256605	256652	+	3	4	R.FNHGAQPPVQSALDGK.T	20
PSTAT+1010	proteomics_stat	256860	256895	+	3	2	K.ACAEDDPQLSGR.H	16
PSTAT+1011	proteomics_stat	257247	257288	+	3	3	K.LTQDSSLLHQHVLK.A	18
PSTAT+1012	proteomics_stat	257499	257534	+	3	3	R.LGMHDASDEALR.V	16
PSTAT+1013	proteomics_stat	257652	257681	+	3	2	R.LITSSSADGK.L	14
PSTAT+1014	proteomics_stat	257874	257900	+	3	2	K.FTALGPYIR.E	13
PSTAT+1015	proteomics_stat	258078	258113	+	3	3	K.SVPVKDTEVVER.L	16
PSTAT+1016	proteomics_stat	258147	258179	+	3	4	K.LRELLTTLNLK.L	15
PSTAT+1017	proteomics_stat	258153	258179	+	3	2	R.ELLTTLNLK.L	13
PSTAT+1018	proteomics_stat	258180	258227	+	3	2	K.LEPADDFRDEPVKLT.-	20
PSTAT+1019	proteomics_stat	259642	259674	+	1	2	K.LGTSVLTTGGS.R	15
PSTAT+1020	proteomics_stat	259687	259710	+	1	2	R.AHIVELVR.Q	12
PSTAT+1021	proteomics_stat	259783	259827	+	1	5	R.EHLGYPELPATIASK.Q	19
PSTAT+1022	proteomics_stat	259978	260046	+	1	3	R.ALLDNNIVPVINENDAVATAEIK.V	27
PSTAT+1023	proteomics_stat	260047	260103	+	1	4	K.VGDNDNLSALAAILAGADK.L	23
PSTAT+1024	proteomics_stat	260047	260127	+	1	7	K.VGDNDNLSALAAILAGADKLLLLTDQK.G	31
PSTAT+1025	proteomics_stat	260104	260127	+	1	3	K.LLLLTQK.G	12
PSTAT+1026	proteomics_stat	260152	260208	+	1	4	R.SNPQAELIKDVGIDDALR.A	23
PSTAT+1027	proteomics_stat	260209	260262	+	1	5	R.AIAGDSVSGLTGGMSTK.L	22
PSTAT+1028	proteomics_stat	260413	260484	+	1	3	R.WIFGAPPAGEITVDEGATAAILER.G	28
PSTAT+1029	proteomics_stat	260727	260756	+	3	2	L.MLEQMGIAAK.Q	14
PSTAT+1030	proteomics_stat	260970	261038	+	3	3	R.QVCNLADPVGQVIDGGVLDSGLR.L	27
PSTAT+1031	proteomics_stat	261051	261092	+	3	3	R.RVPLGVIGVIYEAR.P	18
PSTAT+1032	proteomics_stat	261132	261155	+	3	3	K.TGNAVILR.G	12
PSTAT+1033	proteomics_stat	261177	261218	+	3	2	R.TNAATVAVIQDALK.S	18
PSTAT+1034	proteomics_stat	261219	261269	+	3	3	K.SCGLPAGAVQAIDNPDR.A	21
PSTAT+1035	proteomics_stat	261294	261326	+	3	3	R.MDKYIDMLIPR.G	15
PSTAT+1036	proteomics_stat	261465	261515	+	3	10	K.TQRPSTCNTVETLLVKN.N	21
PSTAT+1037	proteomics_stat	261552	261626	+	3	2	K.QMAESGVTLHADAAALQAGPAK.V	29
PSTAT+1038	proteomics_stat	261690	261728	+	3	5	K.IVSDLDDAIAHIR.E	17
PSTAT+1039	proteomics_stat	261729	261767	+	3	2	R.EHGTQHS DAILTR.D	17
PSTAT+1040	proteomics_stat	261789	261839	+	3	2	R.FVNEVDSSAVYVNASTR.F	21
PSTAT+1041	proteomics_stat	261909	261944	+	3	2	R.GPMGLEALTTYK.W	16
PSTAT+1042	proteomics_stat	279434	279517	+	2	13	S.GRIRTVLLYPGKAVGGDIETCCNAGNR.I	32
PSTAT+1043	proteomics_stat	285951	285998	+	3	3	R.AAQGEAVPDAATAASH.-	20
PSTAT+1044	proteomics_stat	287244	287294	+	3	2	-.PATTTAKTGATALWTRR.R	21
PSTAT+1045	proteomics_stat	302215	302247	+	1	3	D.MNIFEQTPPNR.R	15
PSTAT+1046	proteomics_stat	302341	302391	+	1	2	R.SPVDMFNAACGPESLIR.A	21
PSTAT+1047	proteomics_stat	302392	302418	+	1	5	R.AAGQIDCSR.N	13
PSTAT+1048	proteomics_stat	302782	302826	+	1	7	R.ITHEPDPEIPLGSNR.-	19

PSTAT+1049	proteomics_stat	314590	314646	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+1050	proteomics_stat	314590	314646	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+1051	proteomics_stat	314590	314646	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+1052	proteomics_stat	314590	314646	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+1053	proteomics_stat	314590	314646	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+1054	proteomics_stat	315156	315203	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1055	proteomics_stat	315156	315203	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1056	proteomics_stat	315156	315203	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1057	proteomics_stat	315156	315203	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1058	proteomics_stat	315156	315203	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1059	proteomics_stat	332594	332647	+	2	2	K.GVHFLQGYLYSPPVPGNK.F	22
PSTAT+1060	proteomics_stat	340637	340681	+	2	3	K.LHPDATLPHYDAGGK.L	19
PSTAT+1061	proteomics_stat	340751	340795	+	2	2	R.SLNRPA GTTIQDMIK.L	19
PSTAT+1062	proteomics_stat	340895	340930	+	2	2	R.SHCNIEPVSGLK.N	16
PSTAT+1063	proteomics_stat	340964	341026	+	2	2	R.RQAGFECEIVAFPHGLLSK.S	25
PSTAT+1064	proteomics_stat	341258	341326	+	2	2	K.LTISHAFALATLNEQQVDELNR.M	27
PSTAT+1065	proteomics_stat	342174	342200	+	3	5	R.REPGPNDVK.I	13
PSTAT+1066	proteomics_stat	342252	342308	+	3	5	R.SEWAGTVYPCVPGHEIVGR.V	23
PSTAT+1067	proteomics_stat	342309	342338	+	3	4	R.VVAVGDQVEK.Y	14
PSTAT+1068	proteomics_stat	342534	342611	+	3	3	R.IRHPQEQLAAVAPLLCAGITTYSPLR.H	30
PSTAT+1069	proteomics_stat	342540	342611	+	3	2	R.HPQEQLAAVAPLLCAGITTYSPLR.H	28
PSTAT+1070	proteomics_stat	342636	342683	+	3	4	K.KVGVVGIGGLGHMGIK.L	20
PSTAT+1071	proteomics_stat	342639	342683	+	3	7	K.VGVVGIGGLGHMGIK.L	19
PSTAT+1072	proteomics_stat	342684	342740	+	3	4	K.LAHAMGAHVVAFTTSEAKR.E	23
PSTAT+1073	proteomics_stat	342753	342785	+	3	3	K.ALGADEVVNSR.N	15
PSTAT+1074	proteomics_stat	342786	342815	+	3	7	R.NADEMAAHLK.S	14
PSTAT+1075	proteomics_stat	342816	342887	+	3	6	K.SDFILNTVAAPHNLDDFTLLK.R	28
PSTAT+1076	proteomics_stat	342816	342884	+	3	9	K.SDFILNTVAAPHNLDDFTLLK.R	27
PSTAT+1077	proteomics_stat	342888	342962	+	3	2	R.DGTMTLVGAPATPHKSPEVFNLMK.R	29
PSTAT+1078	proteomics_stat	342888	342932	+	3	3	R.DGTMTLVGAPATPHK.S	19
PSTAT+1079	proteomics_stat	343068	343097	+	3	4	R.ADQINEAYER.M	14
PSTAT+1080	proteomics_stat	345789	345824	+	3	16	K.AEFEKVESQYEK.I	16
PSTAT+1081	proteomics_stat	345822	345887	+	3	6	E.KIGDISTS NEMSTADAKEDLIK.K	26
PSTAT+1082	proteomics_stat	345825	345890	+	3	5	K.IGDISTS NEMSTADAKEDLIKK.A	26
PSTAT+1083	proteomics_stat	345825	345887	+	3	4	K.IGDISTS NEMSTADAKEDLIK.K	25
PSTAT+1084	proteomics_stat	345825	345872	+	3	11	K.IGDISTS NEMSTADAK.E	20
PSTAT+1085	proteomics_stat	345903	345974	+	3	146	K.GADVLTSGQTDNKIHGTANIYK.K	28
PSTAT+1086	proteomics_stat	345903	345947	+	3	16	K.GADVLTSGQTDNK.I	19
PSTAT+1087	proteomics_stat	345918	345947	+	3	2	L.VLTSGQTDNK.I	14
PSTAT+1088	proteomics_stat	345948	345974	+	3	4	K.IHGTANIYK.K	13
PSTAT+1089	proteomics_stat	345951	345974	+	3	2	I.HGTANIYK.K	12
PSTAT+1090	proteomics_stat	348224	348268	+	2	2	K.AGAAGLHIEDQVGAK.R	19
PSTAT+1091	proteomics_stat	348497	348583	+	2	2	R.QFADAVQVPILANITEFGATPLFTTDEL.R.S	33
PSTAT+1092	proteomics_stat	349827	349937	+	3	2	Y.AEHEFNASTFTSRVIAGTGSDMYS AIIGAIGALRGPK.H	41
PSTAT+1093	proteomics_stat	349866	349928	+	3	2	R.VIAGTGSDMYS AIIGAIGALR.G	25
PSTAT+1094	proteomics_stat	355398	355433	+	3	3	V.SNNALQTIINAR.L	16

PSTAT+1095	proteomics_stat	355434	355481	+	3	7	R.LPGEEGLWQIHLQDGK.I	20
PSTAT+1096	proteomics_stat	355482	355580	+	3	4	K.ISAIDAQSGVMPITENSLDAEQGLVIPPVFEPI.I	37
PSTAT+1097	proteomics_stat	355674	355700	+	3	5	K.ALLTHDDVK.Q	13
PSTAT+1098	proteomics_stat	355725	355757	+	3	6	K.WQIANGIQHVR.T	15
PSTAT+1099	proteomics_stat	355758	355799	+	3	13	R.THVDVSDATLTALK.A	18
PSTAT+1100	proteomics_stat	355920	355967	+	3	8	R.LGADVVGAIPIHFEFTR.E	20
PSTAT+1101	proteomics_stat	356025	356069	+	3	4	R.LIDVHCDEIDDEQSR.F	19
PSTAT+1102	proteomics_stat	356070	356120	+	3	9	R.FVETVAALAHHEGMGAR.V	21
PSTAT+1103	proteomics_stat	356121	356177	+	3	4	R.VTASHTTAMHSYNGAYTSR.L	23
PSTAT+1104	proteomics_stat	356196	356252	+	3	8	K.MSGINFVANPLVNIHLQGR.F	23
PSTAT+1105	proteomics_stat	356475	356567	+	3	5	R.TLNLQDYGIAAGNSANLIILPAENGFDALRR.Q	35
PSTAT+1106	proteomics_stat	356475	356564	+	3	5	R.TLNLQDYGIAAGNSANLIILPAENGFDALR.R	34
PSTAT+1107	proteomics_stat	356604	356675	+	3	7	K.VIASTQPAQTTVYLEQPEAIDYKR.-	28
PSTAT+1108	proteomics_stat	356604	356672	+	3	7	K.VIASTQPAQTTVYLEQPEAIDYK.R	27
PSTAT+1109	proteomics_stat	376152	376178	+	3	2	R.DKQLSEQQK.Q	13
PSTAT+1110	proteomics_stat	376299	376343	+	3	3	K.IFVDKLTQAQLINGR.L	19
PSTAT+1111	proteomics_stat	376314	376343	+	3	3	K.LTQAQLINGR.L	14
PSTAT+1112	proteomics_stat	386909	386992	+	2	2	A.TDVVLAGIAVIAIIAFLLELGLRALQRR.L	32
PSTAT+1113	proteomics_stat	397894	397935	+	1	2	R.YDSKEPGKTELATR.K	18
PSTAT+1114	proteomics_stat	400610	400642	+	2	6	D.MKNLIAELLFK.L	15
PSTAT+1115	proteomics_stat	400751	400831	+	2	3	R.LIDQVEGALYEVKPDASIPDDDTELLR.D	31
PSTAT+1116	proteomics_stat	402601	402654	+	1	4	R.MTSCNQQATAQALKGDAR.K	22
PSTAT+1117	proteomics_stat	402601	402642	+	1	4	R.MTSCNQQATAQALK.G	18
PSTAT+1118	proteomics_stat	402739	402774	+	1	2	R.ECNNQATQQSLK.G	16
PSTAT+1119	proteomics_stat	405060	405101	+	3	2	R.MQMPLVLVANQSLR.V	18
PSTAT+1120	proteomics_stat	405192	405266	+	3	25	G.DLVITADIPLAAEAIEKGAALNPR.G	29
PSTAT+1121	proteomics_stat	406061	406123	+	2	2	R.EVAHIIIDATNEPSQVISEIR.S	25
PSTAT+1122	proteomics_stat	406257	406295	+	3	6	K.GKPGQTVTWYQLR.A	17
PSTAT+1123	proteomics_stat	406296	406364	+	3	5	R.ADHPKPDLSIEHPTAQEAMDAK.K	27
PSTAT+1124	proteomics_stat	409467	409538	+	3	2	R.DDYRQTIETIATLVDMAEQATGQR.G	28
PSTAT+1125	proteomics_stat	409797	409874	+	3	3	R.AHIGGNGTAGEWGHNPLPWMDDEL.R.Y	30
PSTAT+1126	proteomics_stat	410070	410144	+	3	3	K.SLAHVVNILDPDVIVLGGMSNVDR.L	29
PSTAT+1127	proteomics_stat	416801	416848	+	2	2	R.VMAGEEPLMGPTFEK.L	20
PSTAT+1128	proteomics_stat	418070	418138	+	2	3	R.SAISNLVYNAVNHTEPGTHITVR.W	27
PSTAT+1129	proteomics_stat	424316	424420	+	2	3	R.LLSLDGPTGALTHGTFTDLLDKLNPGDLLVFNTR.V	39
PSTAT+1130	proteomics_stat	424601	424639	+	2	2	R.HGALFEVEFNDER.S	17
PSTAT+1131	proteomics_stat	425424	425477	+	3	3	R.GVVETPCFMPVGTGTVK.G	22
PSTAT+1132	proteomics_stat	425610	425666	+	3	2	K.GPILTDSSGGFQVFSLGDIR.K	23
PSTAT+1133	proteomics_stat	425670	425696	+	3	2	K.ITEQGVHFR.N	13
PSTAT+1134	proteomics_stat	425871	425897	+	3	2	R.ERFDSLGNK.N	13
PSTAT+1135	proteomics_stat	425898	425945	+	3	3	K.NALFGIIQGSVYEDLR.D	20
PSTAT+1136	proteomics_stat	425961	426023	+	3	31	K.GLVDIGFDGYAVGGLAVGEPK.A	25
PSTAT+1137	proteomics_stat	426039	426083	+	3	4	R.ILEHVCPQIPADKPR.Y	19
PSTAT+1138	proteomics_stat	426081	426131	+	3	2	P.RYLMGVGKPEDLVEGVR.R	21
PSTAT+1139	proteomics_stat	426084	426131	+	3	3	R.YLMGVGKPEDLVEGVR.R	20
PSTAT+1140	proteomics_stat	426180	426215	+	3	9	R.NGHLFVTDGVVK.I	16



PSTAT+1141	proteomics_stat	426399	426452	+	3	3	R.KAIEEGKLESFVTDYFYQR.Q	22
PSTAT+1142	proteomics_stat	426661	426723	+	1	10	K.KLMDSIAKGDVLTNGGLVGR.V	25
PSTAT+1143	proteomics_stat	426661	426684	+	1	5	K.KLMDSIAK.G	12
PSTAT+1144	proteomics_stat	426664	426723	+	1	7	K.LMDSIAKGDVLTNGGLVGR.V	24
PSTAT+1145	proteomics_stat	426685	426723	+	1	10	K.GDEVLTNGGLVGR.V	17
PSTAT+1146	proteomics_stat	426733	426792	+	1	2	K.VAENGYIAIALNDTTEVVIK.R	24
PSTAT+1147	proteomics_stat	426796	426822	+	1	6	R.DFVAAVLPK.G	13
PSTAT+1148	proteomics_stat	426994	427035	+	1	2	R.GVAASEQTLIQVQK.T	18
PSTAT+1149	proteomics_stat	427102	427128	+	1	3	R.FDSTDTQLR.A	13
PSTAT+1150	proteomics_stat	427204	427236	+	1	3	R.WLAAIHAEPKM.L	15
PSTAT+1151	proteomics_stat	427378	427413	+	1	4	R.KENNYGLSITFR.D	16
PSTAT+1152	proteomics_stat	427423	427455	+	1	4	K.ARDEAIAIYLSK.R	15
PSTAT+1153	proteomics_stat	427456	427503	+	1	4	K.RHPDLVISSQGSNQLR.A	20
PSTAT+1154	proteomics_stat	427459	427503	+	1	2	R.HPDLVISSQGSNQLR.A	19
PSTAT+1155	proteomics_stat	427576	427620	+	1	6	R.NRVNQLGVAEPVVQR.Q	19
PSTAT+1156	proteomics_stat	427717	427761	+	1	3	R.LVNTNVDQAAAASGR.V	19
PSTAT+1157	proteomics_stat	427945	427989	+	1	2	K.DNIGKPMATLFVEYK.D	19
PSTAT+1158	proteomics_stat	428092	428124	+	1	3	R.ITGINNPNEAR.Q	15
PSTAT+1159	proteomics_stat	428452	428478	+	1	4	R.IKEELSNRGR.T	13
PSTAT+1160	proteomics_stat	428732	428770	+	2	5	V.AQEYTVLQNLHGR.K	17
PSTAT+1161	proteomics_stat	429020	429076	+	2	3	R.MPPAEGETGGQVLGSQVLK.V	23
PSTAT+1162	proteomics_stat	429077	429115	+	2	2	K.VINESTNQNAAVK.R	17
PSTAT+1163	proteomics_stat	429077	429118	+	2	3	K.VINESTNQNAAVK.I	18
PSTAT+1164	proteomics_stat	429419	429469	+	2	2	R.GTPYEIFNVSLTQTLHR.T	21
PSTAT+1165	proteomics_stat	429638	429658	+	2	3	R.EHMLQK.V	11
PSTAT+1166	proteomics_stat	432454	432501	+	1	6	K.RPVSSDDVEMAINHIK.S	20
PSTAT+1167	proteomics_stat	432733	432777	+	1	4	R.FTTHPNPNVGCIVK.D	19
PSTAT+1168	proteomics_stat	432964	433008	+	1	3	R.VVASMQDPNPQVAGR.G	19
PSTAT+1169	proteomics_stat	433871	433912	+	2	2	K.MNIIEANVATPDAR.V	18
PSTAT+1170	proteomics_stat	433931	433987	+	2	9	A.RFNNFINDSLLEG AIDALK.R	23
PSTAT+1171	proteomics_stat	433934	433987	+	2	5	R.FNNFINDSLLEG AIDALK.R	22
PSTAT+1172	proteomics_stat	433934	433990	+	2	23	R.FNNFINDSLLEG AIDALKR.I	23
PSTAT+1173	proteomics_stat	433991	434077	+	2	39	R.IGQVKDENITVVWVPGAYELPLAAGALAK.T	33
PSTAT+1174	proteomics_stat	434006	434077	+	2	4	K.DENITVVWVPGAYELPLAAGALAK.T	28
PSTAT+1175	proteomics_stat	434078	434122	+	2	13	K.TGKYDAVIALGTVIR.G	19
PSTAT+1176	proteomics_stat	434123	434254	+	2	11	R.GGTAHFYVAGGASNGLAHVAQDSEIPVAFGVLTTESIEQAIER.A	48
PSTAT+1177	proteomics_stat	434123	434179	+	2	3	R.GGTAHFYVAGGASNGLAH.V	23
PSTAT+1178	proteomics_stat	434267	434326	+	2	7	K.AGNKGAEALTALEMIVLK.A	24
PSTAT+1179	proteomics_stat	434279	434326	+	2	32	K.GAEALTALEMIVLK.A	20
PSTAT+1180	proteomics_stat	434508	434576	+	3	3	R.ELLAGVATNTAYLDGLMKPYLSR.L	27
PSTAT+1181	proteomics_stat	434697	434747	+	3	3	K.SFGAEDSHKFBVNGVLDK.A	21
PSTAT+1182	proteomics_stat	435296	435379	+	2	3	R.SGAKPGDWIYVTGTPGDSAAGLAILQNR.L	32
PSTAT+1183	proteomics_stat	435440	435535	+	2	2	S.PRILQQQALRDLANSAIDLSDGLISDLGHIVK.A	36
PSTAT+1184	proteomics_stat	435470	435535	+	2	6	R.DLANSAIDLSDGLISDLGHIVK.A	26
PSTAT+1185	proteomics_stat	435470	435526	+	2	3	R.DLANSAIDLSDGLISDLGH.I	23
PSTAT+1186	proteomics_stat	440878	440907	+	1	3	K.HYDETLAVVR.H	14

PSTAT+1187	proteomics_stat	440908	440931	+	1	4	R.HWDNIEVR.A	12
PSTAT+1188	proteomics_stat	440980	441051	+	1	11	R.IPGIHHILEVEDVPFTDMHDIFEK.A	28
PSTAT+1189	proteomics_stat	441151	441192	+	1	5	R.YVGGGLNQHIESAR.V	18
PSTAT+1190	proteomics_stat	441487	441534	+	1	3	R.FVAINFEPVVGIELEK.I	20
PSTAT+1191	proteomics_stat	441679	441759	+	1	11	R.LIDNVSDTLILRPLISYDKEHIINLAR.Q	31
PSTAT+1192	proteomics_stat	441844	441927	+	1	3	K.SKIEAEEEEKFDIFSILDKVVEEANNVDIR.E	32
PSTAT+1193	proteomics_stat	442015	442086	+	1	2	R.SIDEQEDKPLKVEGIDVVSLPFYK.L	28
PSTAT+1194	proteomics_stat	443910	443954	+	3	35	M.PSFDIVSEVDLQEAR.N	19
PSTAT+1195	proteomics_stat	444006	444044	+	3	5	R.NVEASFELNDASK.T	17
PSTAT+1196	proteomics_stat	444054	444104	+	3	61	K.VLSESDFQVNQLLDILR.A	21
PSTAT+1197	proteomics_stat	444060	444104	+	3	3	L.SESDFQVNQLLDILR.A	19
PSTAT+1198	proteomics_stat	444120	444176	+	3	13	K.RGIEGSSLDVPENIVHSGK.T	23
PSTAT+1199	proteomics_stat	444123	444176	+	3	10	R.GIEGSSLDVPENIVHSGK.T	22
PSTAT+1200	proteomics_stat	444177	444197	+	3	2	K.TWFVEAK.L	11
PSTAT+1201	proteomics_stat	444198	444233	+	3	5	K.LKQGIESATQKK.I	16
PSTAT+1202	proteomics_stat	444198	444230	+	3	24	K.LKQGIESATQK.K	15
PSTAT+1203	proteomics_stat	444261	444299	+	3	17	K.LKVQAQIQGDEIR.V	17
PSTAT+1204	proteomics_stat	444267	444299	+	3	5	K.VQAQIQGDEIR.V	15
PSTAT+1205	proteomics_stat	444312	444350	+	3	10	K.SRDDLQAVMAMVR.G	17
PSTAT+1206	proteomics_stat	444351	444383	+	3	4	R.GGDLGQPFQFK.N	15
PSTAT+1207	proteomics_stat	453732	453779	+	3	60	R.AAFQPVFLEVVDSEYR.H	20
PSTAT+1208	proteomics_stat	453780	453815	+	3	7	R.HNVPAGESHFK.V	16
PSTAT+1209	proteomics_stat	453870	453944	+	3	12	R.MIYSTLAEELSTTVHALALHTYTIK.E	29
PSTAT+1210	proteomics_stat	453945	453992	+	3	3	K.EWEGLQDTVASPPCR.G	20
PSTAT+1211	proteomics_stat	454357	454395	+	1	9	K.MQVSVETTQGLGR.R	17
PSTAT+1212	proteomics_stat	454396	454443	+	1	16	R.RVTITIAADSIETAVK.S	20
PSTAT+1213	proteomics_stat	454396	454467	+	1	2	R.RVTITIAADSIETAVKSELVNVAK.K	28
PSTAT+1214	proteomics_stat	454399	454443	+	1	13	R.VTITIAADSIETAVK.S	19
PSTAT+1215	proteomics_stat	454495	454527	+	1	7	K.GKVPMNIVAQR.Y	15
PSTAT+1216	proteomics_stat	454501	454527	+	1	5	K.VPMNIVAQR.Y	13
PSTAT+1217	proteomics_stat	454546	454575	+	1	3	R.QDVLGDLMSR.N	14
PSTAT+1218	proteomics_stat	454576	454599	+	1	4	R.NFIDAIK.E	12
PSTAT+1219	proteomics_stat	454600	454650	+	1	9	K.EKINPAGAPTYVPGEYK.L	21
PSTAT+1220	proteomics_stat	454606	454650	+	1	11	K.INPAGAPTYVPGEYK.L	19
PSTAT+1221	proteomics_stat	454819	454845	+	1	2	K.DGAVEAEDR.V	13
PSTAT+1222	proteomics_stat	454846	454899	+	1	10	R.VTIDFTGSVDGEEFEGGK.A	22
PSTAT+1223	proteomics_stat	454900	454935	+	1	6	K.ASDFVLAMGQGR.M	16
PSTAT+1224	proteomics_stat	454936	454974	+	1	7	R.MIPGFEDGIKGHK.A	17
PSTAT+1225	proteomics_stat	454939	454965	+	1	2	M.IPGFEDGIK.G	13
PSTAT+1226	proteomics_stat	454975	455037	+	1	46	K.AGEEFTIDVTFPEEYHAENLK.G	25
PSTAT+1227	proteomics_stat	455086	455118	+	1	3	R.ELPELTAEFIK.R	15
PSTAT+1228	proteomics_stat	455086	455121	+	1	6	R.ELPELTAEFIKR.F	16
PSTAT+1229	proteomics_stat	455122	455157	+	1	6	R.FGVEDGSVEGLR.A	16
PSTAT+1230	proteomics_stat	455212	455244	+	1	6	R.VKSQAIEGLVK.A	15
PSTAT+1231	proteomics_stat	455218	455244	+	1	3	K.SQAIEGLVK.A	13
PSTAT+1232	proteomics_stat	455245	455301	+	1	19	K.ANDIDVPAALIDSEIDVLR.R	23

PSTAT+1233	proteomics_stat	455359	455385	+	1	4	R.ELFEEQAKR.R	13
PSTAT+1234	proteomics_stat	455359	455382	+	1	5	R.ELFEEQAK.R	12
PSTAT+1235	proteomics_stat	455389	455424	+	1	49	R.VVVGLLLGEVIR.T	16
PSTAT+1236	proteomics_stat	455425	455454	+	1	15	R.TNELKADEER.V	14
PSTAT+1237	proteomics_stat	455455	455526	+	1	18	R.VKGLIEEMASAYEDPKEVIEFYK.N	28
PSTAT+1238	proteomics_stat	455461	455526	+	1	47	K.GLIEEMASAYEDPKEVIEFYK.N	26
PSTAT+1239	proteomics_stat	455527	455553	+	1	8	K.NKELMDNMR.N	13
PSTAT+1240	proteomics_stat	455554	455598	+	1	28	R.NVALEEQAWEAVLAK.A	19
PSTAT+1241	proteomics_stat	455599	455652	+	1	2	K.AKVTEKETFNELMNQQA.-	22
PSTAT+1242	proteomics_stat	455605	455652	+	1	5	K.VTEKETFNELMNQQA.-	20
PSTAT+1243	proteomics_stat	456267	456362	+	3	5	K.GKRFLPNSRVMIHQPLGGYQGQATDIEIHAR.E	36
PSTAT+1244	proteomics_stat	456297	456362	+	3	34	R.VMIHQPLGGYQGQATDIEIHAR.E	26
PSTAT+1245	proteomics_stat	456387	456440	+	3	7	R.MNELMALHTGQSLEQIER.D	22
PSTAT+1246	proteomics_stat	456453	456521	+	3	2	R.DRFLSAPEAVEYGLVDSILTHR.N.-	27
PSTAT+1247	proteomics_stat	456459	456521	+	3	19	R.FLSAPEAVEYGLVDSILTHR.N.-	25
PSTAT+1248	proteomics_stat	456797	456826	+	2	6	R.EEIKEVAPHR.E	14
PSTAT+1249	proteomics_stat	456863	456907	+	2	6	R.NHLDDYVIGQEQA.KK.V	19
PSTAT+1250	proteomics_stat	456863	456904	+	2	5	R.NHLDDYVIGQEQA.K	18
PSTAT+1251	proteomics_stat	456905	456940	+	2	3	K.KVLAVAVYNHYK.R	16
PSTAT+1252	proteomics_stat	456908	456940	+	2	4	K.VLAVAVYNHYK.R	15
PSTAT+1253	proteomics_stat	456944	456985	+	2	3	R.LRNGDTSNGVELGK.S	18
PSTAT+1254	proteomics_stat	456950	456985	+	2	3	R.NGDTSNGVELGK.S	16
PSTAT+1255	proteomics_stat	456986	457024	+	2	2	K.SNILLIGPTGSGK.T	17
PSTAT+1256	proteomics_stat	457025	457051	+	2	3	K.TLLAETLAR.L	13
PSTAT+1257	proteomics_stat	457052	457141	+	2	34	R.LLDVPFTMADATTLTEAGYVGEDVENIIQK.L	34
PSTAT+1258	proteomics_stat	457154	457174	+	2	4	K.CDYDVQK.A	11
PSTAT+1259	proteomics_stat	457184	457222	+	2	4	R.GIVYIDEIDKISR.K	17
PSTAT+1260	proteomics_stat	457223	457249	+	2	10	R.KSDNPSITR.D	13
PSTAT+1261	proteomics_stat	457250	457288	+	2	6	R.DVSGEGVQQALLK.L	17
PSTAT+1262	proteomics_stat	457289	457333	+	2	3	K.LIEGTVAAVPPQGGR.K	19
PSTAT+1263	proteomics_stat	457334	457375	+	2	7	R.KHPQQEFLQVDTSK.I	18
PSTAT+1264	proteomics_stat	457433	457474	+	2	2	R.VETGSGIGFGATVK.A	18
PSTAT+1265	proteomics_stat	457481	457540	+	2	3	K.SDKASEGELLAQVEPEDLIK.F	24
PSTAT+1266	proteomics_stat	457490	457540	+	2	4	K.ASEGELLAQVEPEDLIK.F	21
PSTAT+1267	proteomics_stat	457541	457570	+	2	3	K.FGLIPEFIGR.L	14
PSTAT+1268	proteomics_stat	457571	457639	+	2	73	R.LPVVATLNELSEEALIQILKEPK.N	27
PSTAT+1269	proteomics_stat	457571	457630	+	2	26	R.LPVVATLNELSEEALIQILK.E	24
PSTAT+1270	proteomics_stat	457655	457729	+	2	3	K.QYQALFNLEGVDLEFRDEALDAIAK.K	29
PSTAT+1271	proteomics_stat	457703	457729	+	2	2	R.DEALDAIAK.K	13
PSTAT+1272	proteomics_stat	457769	457834	+	2	6	R.SIVEAALLDTMYDLPSMEDVEK.V	26
PSTAT+1273	proteomics_stat	457835	457921	+	2	2	K.VVIDESVIDGQSKPLLIYGKPEAQQASGE.-	33
PSTAT+1274	proteomics_stat	458136	458210	+	3	8	R.IEIPVLPRLRDVVVYPHMVIPLFVGR.E	29
PSTAT+1275	proteomics_stat	458163	458210	+	3	4	R.DVVVYPHMVIPLFVGR.E	20
PSTAT+1276	proteomics_stat	458226	458258	+	3	5	R.CLEAAMDHDKK.I	15
PSTAT+1277	proteomics_stat	458280	458357	+	3	17	K.EASTDEPGVNDLFTVGTVASILQMLK.L	30
PSTAT+1278	proteomics_stat	458280	458378	+	3	4	K.EASTDEPGVNDLFTVGTVASILQMLKLPDGTVK.V	37

PSTAT+1279	proteomics_stat	458409	458450	+	3	9	R.ISALSDNGEHFSAK.A	18
PSTAT+1280	proteomics_stat	458451	458486	+	3	4	K.AEYLESPTIDER.E	16
PSTAT+1281	proteomics_stat	458508	458540	+	3	2	R.TAISQFEGYIK.L	15
PSTAT+1282	proteomics_stat	458550	458603	+	3	7	K.KIPPEVLTSLSIDDPAR.L	22
PSTAT+1283	proteomics_stat	458553	458603	+	3	3	K.IPPEVLTSLSIDDPAR.L	21
PSTAT+1284	proteomics_stat	458604	458639	+	3	7	R.LADTIAAHMPLK.L	16
PSTAT+1285	proteomics_stat	458640	458687	+	3	2	K.LADKQSVLEMSDVNER.L	20
PSTAT+1286	proteomics_stat	458829	458876	+	3	5	K.ELGEMDDAPDENEALK.R	20
PSTAT+1287	proteomics_stat	458916	458942	+	3	3	K.EKAEAEELQK.L	13
PSTAT+1288	proteomics_stat	458949	458987	+	3	2	K.MMSPMSAEATVVR.G	17
PSTAT+1289	proteomics_stat	458988	459029	+	3	2	R.GYIDWMVQVPWNAR.S	18
PSTAT+1290	proteomics_stat	459054	459098	+	3	5	R.QAQEILDTDHYGLER.V	19
PSTAT+1291	proteomics_stat	459150	459197	+	3	9	K.IKGPIILCLVGGPGVGK.T	20
PSTAT+1292	proteomics_stat	459156	459197	+	3	2	K.GPILCLVGGPGVGK.T	18
PSTAT+1293	proteomics_stat	459198	459224	+	3	2	K.TSLGQSIK.A	13
PSTAT+1294	proteomics_stat	459258	459287	+	3	2	L.GGVRDEAEIR.G	14
PSTAT+1295	proteomics_stat	459339	459425	+	3	2	K.MAKVGVKNPLFLLEIDKMSSDMRGPAS.A	33
PSTAT+1296	proteomics_stat	459348	459392	+	3	4	K.VGVKNPLFLLEIDK.M	19
PSTAT+1297	proteomics_stat	459348	459410	+	3	4	K.VGVKNPLFLLEIDKMSSDMR.G	25
PSTAT+1298	proteomics_stat	459360	459392	+	3	2	K.NPLFLLEIDK.M	15
PSTAT+1299	proteomics_stat	459360	459410	+	3	7	K.NPLFLLEIDKMSSDMR.G	21
PSTAT+1300	proteomics_stat	459579	459620	+	3	2	R.LSGYTEDEKLNIK.R	18
PSTAT+1301	proteomics_stat	459579	459623	+	3	3	R.LSGYTEDEKLNIK.R	19
PSTAT+1302	proteomics_stat	459663	459710	+	3	6	K.KGELTVDDSAIIGIIR.Y	20
PSTAT+1303	proteomics_stat	459810	459860	+	3	13	K.HIEINGDNLHDYLGVR.F	21
PSTAT+1304	proteomics_stat	459981	460049	+	3	29	K.LTYTGSLGEVMQESIQAALTVVR.A	27
PSTAT+1305	proteomics_stat	460065	460097	+	3	2	K.LGINPDFYEKR.D	15
PSTAT+1306	proteomics_stat	460098	460136	+	3	7	R.DIHVHVPEGATPK.D	17
PSTAT+1307	proteomics_stat	460242	460271	+	3	3	R.GQVLPVIGGLK.E	14
PSTAT+1308	proteomics_stat	460338	460394	+	3	3	R.DLEEIPDNVIADLDIHPVK.R	23
PSTAT+1309	proteomics_stat	460398	460463	+	3	5	R.IEEVLTALQNEPSGMQVVTAK.-	26
PSTAT+1310	proteomics_stat	460684	460728	+	1	5	K.SQLIDKIAAGADISK.A	19
PSTAT+1311	proteomics_stat	460699	460728	+	1	3	D.KIAAGADISK.A	14
PSTAT+1312	proteomics_stat	460702	460728	+	1	8	K.IAAGADISK.A	13
PSTAT+1313	proteomics_stat	460744	460833	+	1	747	R.ALDAIIASVTESLKEGDDVALVGFVGTFAVK.E	34
PSTAT+1314	proteomics_stat	460744	460785	+	1	9	R.ALDAIIASVTESLK.E	18
PSTAT+1315	proteomics_stat	460786	460833	+	1	5	K.EGDDVALVGFVGTFAVK.E	20
PSTAT+1316	proteomics_stat	460849	460899	+	1	4	R.TGRNPQTGKEITIAAAK.V	21
PSTAT+1317	proteomics_stat	460858	460899	+	1	4	R.NPQTGKEITIAAAK.V	18
PSTAT+1318	proteomics_stat	461271	461294	+	3	4	K.VNDQEISR.G	12
PSTAT+1319	proteomics_stat	461295	461327	+	3	4	R.GQFENAFNSER.N	15
PSTAT+1320	proteomics_stat	461334	461393	+	3	3	R.MQQQLGDQYSELAANEGYMK.T	24
PSTAT+1321	proteomics_stat	461421	461456	+	3	2	R.LIDEALLDQYAR.E	16
PSTAT+1322	proteomics_stat	461466	461492	+	3	3	K.LGISDEQVK.Q	13
PSTAT+1323	proteomics_stat	461550	461609	+	3	4	R.YNGILNQMGMTADQYAQALR.N	24
PSTAT+1324	proteomics_stat	461610	461711	+	3	4	R.NQLTTQQLINGVAGTDFMLKGETDELAALVAQQR.V	38

PSTAT+1325	proteomics_stat	461721	461756	+	3	2	R.EATIDVNALAAK.Q	16
PSTAT+1326	proteomics_stat	461757	461804	+	3	2	K.QPVTEQEIASYYEQNK.N	20
PSTAT+1327	proteomics_stat	461850	461942	+	3	2	K.LDAATMQQPVSADADIQSYDDQHQQDQFTQPQR.T	35
PSTAT+1328	proteomics_stat	461949	461969	+	3	2	R.YSIIQTK.T	11
PSTAT+1329	proteomics_stat	461988	462038	+	3	7	K.AVLDELNKGDFAAALAK.E	21
PSTAT+1330	proteomics_stat	462045	462068	+	3	2	K.SADIISAR.N	12
PSTAT+1331	proteomics_stat	462069	462137	+	3	3	R.NGGDMGWLEDATIPDELKNAGLK.E	27
PSTAT+1332	proteomics_stat	462069	462122	+	3	3	R.NGGDMGWLEDATIPDELK.N	22
PSTAT+1333	proteomics_stat	462195	462218	+	3	5	R.LDDIQPAK.V	12
PSTAT+1334	proteomics_stat	462225	462260	+	3	4	K.SLDEVRRDDIAAK.V	16
PSTAT+1335	proteomics_stat	462276	462308	+	3	2	K.ALDAYYALQK.V	15
PSTAT+1336	proteomics_stat	462309	462374	+	3	13	K.VSDAASNDTESLAGAEQAAGVK.A	26
PSTAT+1337	proteomics_stat	462402	462524	+	3	4	K.DNLPEELNFKPVADAI FNGGLVGENGAPGINSDIITVDGDR.A	45
PSTAT+1338	proteomics_stat	462540	462599	+	3	2	R.ISEHKPEAVKPLADVQE QVK.A	24
PSTAT+1339	proteomics_stat	462681	462713	+	3	4	K.GAEAMQAAGLK.F	15
PSTAT+1340	proteomics_stat	462741	462794	+	3	10	R.SGRDPISQAAFALPLPAK.D	22
PSTAT+1341	proteomics_stat	462795	462866	+	3	5	K.DKPSYGMATDMQGNVLLALDEVK.Q	28
PSTAT+1342	proteomics_stat	462894	462965	+	3	4	K.KAMVQGITQNNAQIVFEALMSNLK.K	28
PSTAT+1343	proteomics_stat	462897	462965	+	3	6	K.AMVQGITQNNAQIVFEALMSNLK.K	27
PSTAT+1344	proteomics_stat	462897	462968	+	3	5	K.AMVQGITQNNAQIVFEALMSNLK.E	28
PSTAT+1345	proteomics_stat	463809	463871	+	3	6	R.RPAVLSDLLTITSQLQLNGK.S	25
PSTAT+1346	proteomics_stat	470859	470912	+	3	4	D.RPLQSGTIEVDNVSFAYR.D	22
PSTAT+1347	proteomics_stat	474780	474851	+	3	15	K.VALPPDAVLTVTLSDASLADAPSK.V	28
PSTAT+1348	proteomics_stat	474888	474947	+	3	5	K.QSPFSFVLSFNPADVQPNAR.I	24
PSTAT+1349	proteomics_stat	474984	475037	+	3	8	K.LVFITDTVQPVINQGGTK.A	22
PSTAT+1350	proteomics_stat	486261	486308	+	3	3	R.VQNAMYNASQQLQIR.S	20
PSTAT+1351	proteomics_stat	486468	486494	+	3	3	R.DYVTANSAR.L	13
PSTAT+1352	proteomics_stat	486495	486539	+	3	4	R.LEHQLQLLQEA VNSK.R	19
PSTAT+1353	proteomics_stat	486561	486599	+	3	2	K.TAQEAVSPDEAAR.I	17
PSTAT+1354	proteomics_stat	486660	486710	+	3	2	R.LITATENGNQLMQQNIK.V	21
PSTAT+1355	proteomics_stat	488853	488924	+	3	3	R.VMHEPMPEVFFTAFGASTLDHEL.R.L	28
PSTAT+1356	proteomics_stat	489000	489083	+	3	2	R.ENDINIAFNQLEVLHLHNEKGDEVTEVKR.D	32
PSTAT+1357	proteomics_stat	489084	489119	+	3	2	R.DYKGDDPTPAVG.-	16
PSTAT+1358	proteomics_stat	490639	490671	+	1	4	M.TATAQQLEYLK.N	15
PSTAT+1359	proteomics_stat	490684	490722	+	1	4	K.SIQDYKPGILFR.D	17
PSTAT+1360	proteomics_stat	490723	490752	+	1	3	R.DVTSLLEDPK.A	14
PSTAT+1361	proteomics_stat	490723	490788	+	1	3	R.DVTSLLEDPKAYALSIDLLVER.Y	26
PSTAT+1362	proteomics_stat	490834	490893	+	1	13	R.GFLFGAPVALGLGVGFVPRV.R.K	24
PSTAT+1363	proteomics_stat	490834	490905	+	1	2	R.GFLFGAPVALGLGVGFVPRV.R.KPGK.L	28
PSTAT+1364	proteomics_stat	490999	491055	+	1	23	K.VLVVDDLLATGGTIEATVK.L	23
PSTAT+1365	proteomics_stat	491065	491133	+	1	2	R.RLGGEVADA AFIINLFDLGGEQR.L	27
PSTAT+1366	proteomics_stat	491068	491133	+	1	32	R.LGGEVADA AFIINLFDLGGEQR.L	26
PSTAT+1367	proteomics_stat	491143	491184	+	1	2	K.QGITSYSLVFPFGH.-	18
PSTAT+1368	proteomics_stat	493369	493428	+	1	15	K.MQEEIAQLEVTGESGAGLVK.V	24
PSTAT+1369	proteomics_stat	493459	493545	+	1	39	R.RVEIDPSLLEDDKEMLEDLVAAAFNDAAR.R	33
PSTAT+1370	proteomics_stat	493462	493545	+	1	10	R.VEIDPSLLEDDKEMLEDLVAAAFNDAAR.R	32

PSTAT+1371	proteomics_stat	493573	493617	+	1	15	K.MASVSSGMQLPPGFK.M	19
PSTAT+1372	proteomics_stat	494386	494427	+	1	5	K.QLLHLMIHSLYSNK.E	18
PSTAT+1373	proteomics_stat	494443	494484	+	1	8	R.ELISNASDAADKLR.F	18
PSTAT+1374	proteomics_stat	494443	494478	+	1	5	R.ELISNASDAADK.L	16
PSTAT+1375	proteomics_stat	494491	494535	+	1	10	R.ALSNPDLYEGDGELR.V	19
PSTAT+1376	proteomics_stat	494542	494562	+	1	4	R.VSFDKDK.R	11
PSTAT+1377	proteomics_stat	494566	494640	+	1	4	R.TLTISDNGVGMTRDEVIDHLGTIAK.S	29
PSTAT+1378	proteomics_stat	494566	494604	+	1	3	R.TLTISDNGVGMTR.D	17
PSTAT+1379	proteomics_stat	494605	494640	+	1	5	R.DEVIDHLGTIAK.S	16
PSTAT+1380	proteomics_stat	494653	494688	+	1	3	K.SFLESLGSDQAK.D	16
PSTAT+1381	proteomics_stat	494770	494850	+	1	12	R.AAGEKPENGVFWESAGEGEYTVADITK.E	31
PSTAT+1382	proteomics_stat	494770	494859	+	1	2	R.AAGEKPENGVFWESAGEGEYTVADITKEDR.G	34
PSTAT+1383	proteomics_stat	494800	494850	+	1	9	V.FWESAGEGEYTVADITK.E	21
PSTAT+1384	proteomics_stat	494860	494886	+	1	5	R.GTEITLHLR.E	13
PSTAT+1385	proteomics_stat	494887	494919	+	1	6	R.EGEDEFLLDWR.V	15
PSTAT+1386	proteomics_stat	494941	494982	+	1	19	K.YSDHIALPVEIEKR.E	18
PSTAT+1387	proteomics_stat	494941	494979	+	1	4	K.YSDHIALPVEIEK.R	17
PSTAT+1388	proteomics_stat	494980	495021	+	1	5	K.REEKDGETVISWEK.I	18
PSTAT+1389	proteomics_stat	494983	495021	+	1	4	R.EEKDGETVISWEK.I	17
PSTAT+1390	proteomics_stat	494992	495021	+	1	4	K.DGETVISWEK.I	14
PSTAT+1391	proteomics_stat	495052	495096	+	1	30	R.NKSEITDEEYKEYFK.H	19
PSTAT+1392	proteomics_stat	495052	495084	+	1	7	R.NKSEITDEEYK.E	15
PSTAT+1393	proteomics_stat	495058	495096	+	1	3	K.SEITDEEYKEYFK.H	17
PSTAT+1394	proteomics_stat	495097	495156	+	1	10	K.HIAHDFNDPLTWSHNRVEGK.Q	24
PSTAT+1395	proteomics_stat	495097	495144	+	1	21	K.HIAHDFNDPLTWSHNR.V	20
PSTAT+1396	proteomics_stat	495157	495216	+	1	5	K.QEYTSLLYIPSQAPWDMWNR.D	24
PSTAT+1397	proteomics_stat	495253	495300	+	1	9	R.VFIMDDAEQFMPNYLR.F	20
PSTAT+1398	proteomics_stat	495310	495351	+	1	6	R.GLIDSSDLPLNVSR.E	18
PSTAT+1399	proteomics_stat	495352	495381	+	1	9	R.EILQDSTVTR.N	14
PSTAT+1400	proteomics_stat	495409	495429	+	1	3	R.VLQMLEK.L	11
PSTAT+1401	proteomics_stat	495430	495492	+	1	20	K.LAKDDAEKYQTFWQQFGLVLK.E	25
PSTAT+1402	proteomics_stat	495439	495492	+	1	2	K.DDAEKYQTFWQQFGLVLK.E	22
PSTAT+1403	proteomics_stat	495454	495492	+	1	15	K.YQTFWQQFGLVLK.E	17
PSTAT+1404	proteomics_stat	495493	495537	+	1	16	K.EGPAEDFANQEAIK.L	19
PSTAT+1405	proteomics_stat	495547	495609	+	1	17	R.FASTHTDSSAQTVSLEDYVSR.M	25
PSTAT+1406	proteomics_stat	495631	495669	+	1	3	K.IYYITADSYAAK.S	17
PSTAT+1407	proteomics_stat	495670	495696	+	1	2	K.SSPHLELLR.K	13
PSTAT+1408	proteomics_stat	495733	495798	+	1	2	R.IDEWMMNYLTFDGGKPFQSVSK.V	26
PSTAT+1409	proteomics_stat	495799	495819	+	1	2	K.VDESLEK.L	11
PSTAT+1410	proteomics_stat	495820	495849	+	1	9	K.LADEVDESAK.E	14
PSTAT+1411	proteomics_stat	495820	495861	+	1	5	K.LADEVDESAKEAK.A	18
PSTAT+1412	proteomics_stat	495823	495849	+	1	2	L.ADEVDESAK.E	13
PSTAT+1413	proteomics_stat	495937	495999	+	1	6	R.LTDTPAIVSTDADMSTQMAK.L	25
PSTAT+1414	proteomics_stat	496000	496023	+	1	2	K.LFAAAGQK.V	12
PSTAT+1415	proteomics_stat	496039	496077	+	1	7	K.YIFELNPDHVLVK.R	17
PSTAT+1416	proteomics_stat	496039	496080	+	1	8	K.YIFELNPDHVLVKR.A	18

PSTAT+1417	proteomics_stat	496108	496158	+	1	2	K.FSEWVELLLDQALLAER.G	21
PSTAT+1418	proteomics_stat	496159	496191	+	1	2	R.GTLEDPNLFI.R	15
PSTAT+1419	proteomics_stat	496405	496437	+	1	3	R.IILLGAPGAGK.G	15
PSTAT+1420	proteomics_stat	496438	496467	+	1	7	K.GTQAQFIMEK.Y	14
PSTAT+1421	proteomics_stat	496468	496506	+	1	4	K.YGIPQISTGDMLR.A	17
PSTAT+1422	proteomics_stat	496549	496569	+	1	3	K.DIMDAGK.L	11
PSTAT+1423	proteomics_stat	496570	496605	+	1	30	K.LVTDELVIALVK.E	16
PSTAT+1424	proteomics_stat	496633	496662	+	1	11	R.NGFLLDGFPR.T	14
PSTAT+1425	proteomics_stat	496690	496755	+	1	53	K.EAGINVDYVLEFDVPDELIVDR.I	26
PSTAT+1426	proteomics_stat	496807	496866	+	1	5	K.FNPPKVEGKDDVTGEELTTR.K	24
PSTAT+1427	proteomics_stat	496822	496866	+	1	7	K.VEGKDDVTGEELTTR.K	19
PSTAT+1428	proteomics_stat	496834	496866	+	1	18	K.DDVTGEELTTR.K	15
PSTAT+1429	proteomics_stat	496867	496893	+	1	4	R.KDDQEETVR.K	13
PSTAT+1430	proteomics_stat	496900	496950	+	1	11	R.LVEYHQMTAPLIGYYSK.E	21
PSTAT+1431	proteomics_stat	496903	496950	+	1	2	L.VEYHQMTAPLIGYYSK.E	20
PSTAT+1432	proteomics_stat	496906	496950	+	1	2	V.EYHQMTAPLIGYYSK.E	19
PSTAT+1433	proteomics_stat	496984	497016	+	1	9	K.VDGTKPVAEVR.A	15
PSTAT+1434	proteomics_stat	496984	497010	+	1	3	K.VDGTKPVAE.V	13
PSTAT+1435	proteomics_stat	497825	497875	+	2	7	K.HGEPDLLLLSYHGIPQR.Y	21
PSTAT+1436	proteomics_stat	497876	497908	+	2	3	R.YADEGDDYPQR.C	15
PSTAT+1437	proteomics_stat	498161	498238	+	2	2	K.KYEYIPALNATPEHIEMMANLVAAAYR.-	30
PSTAT+1438	proteomics_stat	499039	499092	+	1	6	A.RIPESALKRVLISLLSNR.S	22
PSTAT+1439	proteomics_stat	499520	499591	+	2	2	R.YGLSAGHSLVIEDDVAEALYQELK.Q	28
PSTAT+1440	proteomics_stat	499598	499675	+	2	6	K.NLITHQFAGGTIGNTMHNYSVLADDR.S	30
PSTAT+1441	proteomics_stat	499757	499801	+	2	3	R.TDLNLYQGVDGPIGR.C	19
PSTAT+1442	proteomics_stat	499874	499942	+	2	5	R.AESIPEDVIAGASALVLTSLVR.C	27
PSTAT+1443	proteomics_stat	500039	500083	+	2	4	K.FVIAENPQWWQQFLK.D	19
PSTAT+1444	proteomics_stat	500258	500317	+	2	3	K.TQHPLLPGAIAEFNQYFSR.A	24
PSTAT+1445	proteomics_stat	500354	500395	+	2	2	R.VYSHIAPYMGGPEK.I	18
PSTAT+1446	proteomics_stat	500396	500473	+	2	5	K.IMNTNGAGDGALAALLHDITANSYHR.S	30
PSTAT+1447	proteomics_stat	504213	504236	+	3	6	A.YEQDKTYK.I	12
PSTAT+1448	proteomics_stat	504282	504317	+	3	2	R.NEYGEYGLAAQK.T	16
PSTAT+1449	proteomics_stat	504342	504443	+	3	9	K.EVAAEGGSVLLSGGDINTGVPESDLQDAEPDFR.G	38
PSTAT+1450	proteomics_stat	504444	504518	+	3	3	R.GMNLVGYDAMAIGNHEFDNPLTVLR.Q	29
PSTAT+1451	proteomics_stat	504540	504572	+	3	2	K.FPLLSANIYQK.S	15
PSTAT+1452	proteomics_stat	504669	504707	+	3	3	K.IGNPEYFTDIEFR.K	17
PSTAT+1453	proteomics_stat	504729	504851	+	3	3	K.LVIQELQQTEKPDIIIAATHMGHYDNGEHGSNAPGDVEMAR.A	45
PSTAT+1454	proteomics_stat	504789	504851	+	3	3	H.MGHYDNGEHGSNAPGDVEMAR.A	25
PSTAT+1455	proteomics_stat	504879	504932	+	3	5	M.IVGGHSQDPVCMAAENKK.Q	22
PSTAT+1456	proteomics_stat	504933	505016	+	3	2	K.QVDYVPGTPCKPDQQNGIWIWQAHEWGK.Y	32
PSTAT+1457	proteomics_stat	505062	505097	+	3	2	K.MVNYQLIPVNLK.K	16
PSTAT+1458	proteomics_stat	505062	505100	+	3	2	K.MVNYQLIPVNLKK.K	17
PSTAT+1459	proteomics_stat	505134	505202	+	3	7	R.VLYTPEIAENQQMISLLSPFQNK.G	27
PSTAT+1460	proteomics_stat	505368	505400	+	3	5	R.DSIEAGDISYK.N	15
PSTAT+1461	proteomics_stat	505461	505550	+	3	6	K.EVIDYLTAVAQMKPDSGAYPQFANVSFVAK.D	34
PSTAT+1462	proteomics_stat	505575	505604	+	3	2	K.IKGEPVDPK.T	14

PSTAT+1463	proteomics_stat	505614	505661	+	3	4	R.MATLNFNATGGDGYPR.L	20
PSTAT+1464	proteomics_stat	505662	505718	+	3	6	R.LDNKPGYVNTGFIDAEVLK.A	23
PSTAT+1465	proteomics_stat	511072	511128	+	1	4	K.VCTLALALEDVGPQAVQDK.I	23
PSTAT+1466	proteomics_stat	511129	511269	+	1	2	K.IGADPTGLPFNSVIALELHGGKPLSPLVNAGAIATTSLINAENVEQR.W	51
PSTAT+1467	proteomics_stat	511279	511371	+	1	10	R.ILHIQQQLAGEQVALSDEVNQSEQTTNFHNR.A	35
PSTAT+1468	proteomics_stat	511447	511536	+	1	10	R.QCSTLLNTIELATLGATLAAGGVNPLTHKR.V	34
PSTAT+1469	proteomics_stat	511447	511533	+	1	10	R.QCSTLLNTIELATLGATLAAGGVNPLTHK.R	33
PSTAT+1470	proteomics_stat	511537	511602	+	1	8	R.VLQADNVPIYLAEMMMEGLYGR.S	26
PSTAT+1471	proteomics_stat	511603	511623	+	1	3	R.SGDWAYR.V	11
PSTAT+1472	proteomics_stat	511642	511737	+	1	9	K.SGVGGGILAVVPGVMGIAAFSPPLDEDGNSVR.G	36
PSTAT+1473	proteomics_stat	515614	515688	+	1	3	K.VLLLDEITSALDES NKHNVNEMIH.R.Y	29
PSTAT+1474	proteomics_stat	521560	521598	+	1	2	R.WENGMMLTQLNR.Q	17
PSTAT+1475	proteomics_stat	526301	526381	+	2	2	G.GVCGVLSRIIGPSKFDSTADAALDALK.E	31
PSTAT+1476	proteomics_stat	532256	532291	+	2	12	R.GRPGQAEPVAQK.G	16
PSTAT+1477	proteomics_stat	532601	532642	+	2	3	R.NGNEAVLIGQLECK.S	18
PSTAT+1478	proteomics_stat	532679	532708	+	2	5	R.LPLHASGAGK.A	14
PSTAT+1479	proteomics_stat	532973	532999	+	2	2	R.FVSQGELVR.D	13
PSTAT+1480	proteomics_stat	533287	533328	+	1	3	R.HVEGASHMAEGYTR.A	18
PSTAT+1481	proteomics_stat	534109	534153	+	1	2	K.AALTLLEVAQEMQK.A	19
PSTAT+1482	proteomics_stat	535093	535146	+	1	4	K.LEHTLHNLPAAGDWAAGER.G	22
PSTAT+1483	proteomics_stat	535258	535314	+	1	7	K.TPAGFSSEQIHATLVENLR.Y	23
PSTAT+1484	proteomics_stat	535339	535410	+	1	5	K.EDILLIIEPINHFHDIPGFHLTGTR.Q	28
PSTAT+1485	proteomics_stat	535531	535611	+	1	15	K.IGHLQIADNPHRGEPTGEINYDYLFK.V	31
PSTAT+1486	proteomics_stat	535612	535689	+	1	3	K.VIENS DYNGWVGCEYK PQTTEAGLR.W	30
PSTAT+1487	proteomics_stat	535816	535872	+	1	3	K.LGFIGL GIMGTPMAINLAR.A	23
PSTAT+1488	proteomics_stat	535873	535959	+	1	13	R.AGHQLHVTTIGPVADEL LSLGAVSVETAR.Q	33
PSTAT+1489	proteomics_stat	539557	539607	+	1	6	A.AMFLPMTIWN IATKSAR.M	21
PSTAT+1490	proteomics_stat	552906	552986	+	3	2	A.FAEQKITVAMNEITGNAGIGHRFDRRR.H	31
PSTAT+1491	proteomics_stat	554062	554106	+	1	2	K.RANENGESFVAMVDR.M	19
PSTAT+1492	proteomics_stat	554128	554172	+	1	3	K.DFDALNLRPDM EPR.A	19
PSTAT+1493	proteomics_stat	554152	554172	+	1	4	L.RPDM EPR.A	11
PSTAT+1494	proteomics_stat	554305	554337	+	1	3	R.QDL DQLQAGAR.V	15
PSTAT+1495	proteomics_stat	554806	554856	+	1	2	R.GTDKTVAPAGGEAF EAR.F	21
PSTAT+1496	proteomics_stat	554818	554856	+	1	2	K.TVAPAGGEAF EAR.F	17
PSTAT+1497	proteomics_stat	554857	554925	+	1	4	R.FIEAMDDDFNTPEAYSVL FDMAR.E	27
PSTAT+1498	proteomics_stat	554938	554988	+	1	7	R.LKAEDMAAANAMASHLR.K	21
PSTAT+1499	proteomics_stat	554944	554988	+	1	2	K.AEDMAAANAMASHLR.K	19
PSTAT+1500	proteomics_stat	554992	555102	+	1	25	K.LSAVLGLLEQEPEAF LQSGAQADDSEVAEIEALIQQR.L	41
PSTAT+1501	proteomics_stat	555124	555150	+	1	2	K.DWAAADAAR.D	13
PSTAT+1502	proteomics_stat	555151	555210	+	1	5	R.DRLNEMGIVLE DG PQGTTWR.R	24
PSTAT+1503	proteomics_stat	566140	566196	+	1	5	K.LAERIGVTAAARELSLYES.Q	23
PSTAT+1504	proteomics_stat	566140	566196	+	1	5	K.LAERIGVTAAARELSLYES.Q	23
PSTAT+1505	proteomics_stat	566140	566196	+	1	5	K.LAERIGVTAAARELSLYES.Q	23
PSTAT+1506	proteomics_stat	566140	566196	+	1	5	K.LAERIGVTAAARELSLYES.Q	23
PSTAT+1507	proteomics_stat	566140	566196	+	1	5	K.LAERIGVTAAARELSLYES.Q	23
PSTAT+1508	proteomics_stat	566706	566753	+	3	2	S.ENLLEQDFYASGPNQK.W	20



PSTAT+1509	proteomics_stat	566706	566753	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1510	proteomics_stat	566706	566753	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1511	proteomics_stat	566706	566753	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1512	proteomics_stat	566706	566753	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1513	proteomics_stat	596420	596488	+	2	3	A.NEHHHETMSEAQPQVISATGVVK.G	27
PSTAT+1514	proteomics_stat	601188	601244	+	3	2	K.NASTVSEDASNQEPTLHR.G	23
PSTAT+1515	proteomics_stat	616161	616235	+	3	3	R.ETLPPHMVPVLLQLPLSANGK.L	29
PSTAT+1516	proteomics_stat	622300	622362	+	1	3	Q.IGFLYAAIPLGAAIGALTS GK.L	25
PSTAT+1517	proteomics_stat	624876	624959	+	3	2	R.SSELHVPSSPQLITPTLWHLATPFEGK.A	32
PSTAT+1518	proteomics_stat	625350	625391	+	3	2	K.GYWQDLPLTDILTR.H	18
PSTAT+1519	proteomics_stat	626250	626321	+	3	2	R.IPAEIGCQLQQVFGMAEGLVNYTR.L	28
PSTAT+1520	proteomics_stat	627574	627657	+	1	2	R.EVILPLLDESDEPFDDDNLIDYGLDSVR.M	32
PSTAT+1521	proteomics_stat	629336	629374	+	2	7	R.HNDGLDYVPTDKK.V	17
PSTAT+1522	proteomics_stat	629336	629371	+	2	4	R.HNDGLDYVPTDK.K	16
PSTAT+1523	proteomics_stat	630602	630649	+	2	2	R.FMLQDLLGVVSPGLKR.T	20
PSTAT+1524	proteomics_stat	630938	630964	+	2	3	K.VGFLAIANK.F	13
PSTAT+1525	proteomics_stat	631154	631210	+	2	4	K.ETPYEPMPEVVEEIVAQAK.G	23
PSTAT+1526	proteomics_stat	632962	633027	+	1	3	R.LAHHVAQGANQYAPMTGVQALR.E	26
PSTAT+1527	proteomics_stat	633055	633147	+	1	3	R.LYGYQPDADSDITVTAGATEALYAAITALVR.N	35
PSTAT+1528	proteomics_stat	633655	633696	+	1	2	R.AEPEHYLALPDFYR.Q	18
PSTAT+1529	proteomics_stat	638219	638263	+	2	40	K.NGEFIEITEKDTTEGR.W	19
PSTAT+1530	proteomics_stat	638219	638248	+	2	9	K.NGEFIEITEK.D	14
PSTAT+1531	proteomics_stat	638357	638407	+	2	84	K.LGVDVYAVSTDTHFTHK.A	21
PSTAT+1532	proteomics_stat	638360	638407	+	2	10	L.GVDVYAVSTDTHFTHK.A	20
PSTAT+1533	proteomics_stat	638408	638440	+	2	42	K.AWSSSETIAK.I	15
PSTAT+1534	proteomics_stat	638411	638440	+	2	3	A.WSSSETIAK.I	14
PSTAT+1535	proteomics_stat	638414	638440	+	2	2	W.HSSSETIAK.I	13
PSTAT+1536	proteomics_stat	638441	638485	+	2	7	K.IKYAMIGDPTGALTR.N	19
PSTAT+1537	proteomics_stat	638447	638485	+	2	16	K.YAMIGDPTGALTR.N	17
PSTAT+1538	proteomics_stat	638450	638485	+	2	2	Y.AMIGDPTGALTR.N	16
PSTAT+1539	proteomics_stat	638456	638485	+	2	2	M.IGDPTGALTR.N	14
PSTAT+1540	proteomics_stat	638486	638527	+	2	20	R.NFDNMREDEGLADR.A	18
PSTAT+1541	proteomics_stat	638489	638527	+	2	5	N.FDNMREDEGLADR.A	17
PSTAT+1542	proteomics_stat	638525	638596	+	2	5	D.RATFVVDPPQGIIQAIEVTAEGIGR.D	28
PSTAT+1543	proteomics_stat	638528	638596	+	2	318	R.ATFVVDPPQGIIQAIEVTAEGIGR.D	27
PSTAT+1544	proteomics_stat	638531	638596	+	2	9	A.TFVVDPPQGIIQAIEVTAEGIGR.D	26
PSTAT+1545	proteomics_stat	638537	638596	+	2	2	F.VVDPPQGIIQAIEVTAEGIGR.D	24
PSTAT+1546	proteomics_stat	638546	638596	+	2	23	D.PQGIIQAIEVTAEGIGR.D	21
PSTAT+1547	proteomics_stat	638561	638596	+	2	2	I.QAIEVTAEGIGR.D	16
PSTAT+1548	proteomics_stat	638597	638617	+	2	2	R.DASDLLR.K	11
PSTAT+1549	proteomics_stat	638621	638674	+	2	2	K.IKAAQYVASHPGEVCPAK.W	22
PSTAT+1550	proteomics_stat	638624	638674	+	2	3	I.KAAQYVASHPGEVCPAK.W	21
PSTAT+1551	proteomics_stat	638627	638674	+	2	54	K.AAQYVASHPGEVCPAK.W	20
PSTAT+1552	proteomics_stat	638630	638674	+	2	3	A.AQYVASHPGEVCPAK.W	19
PSTAT+1553	proteomics_stat	638633	638674	+	2	2	A.QYVASHPGEVCPAK.W	18
PSTAT+1554	proteomics_stat	638636	638674	+	2	2	Q.YVASHPGEVCPAK.W	17

PSTAT+1555	proteomics_stat	638675	638725	+	2	12	K.WKEGEATLAPSLDLVGK.I	21
PSTAT+1556	proteomics_stat	638675	638728	+	2	40	K.WKEGEATLAPSLDLVGKI.-	22
PSTAT+1557	proteomics_stat	638681	638728	+	2	14	K.EGEATLAPSLDLVGKI.-	20
PSTAT+1558	proteomics_stat	638681	638725	+	2	6	K.EGEATLAPSLDLVGK.I	19
PSTAT+1559	proteomics_stat	639024	639071	+	3	5	K.LTKPVELIATLDDSAK.S	20
PSTAT+1560	proteomics_stat	639072	639122	+	3	3	K.SAEIKELLAEIAELSDK.V	21
PSTAT+1561	proteomics_stat	639072	639134	+	3	2	K.SAEIKELLAEIAELSDKVTFK.E	25
PSTAT+1562	proteomics_stat	639072	639158	+	3	6	K.SAEIKELLAEIAELSDKVTFKEDNSLPVR.K	33
PSTAT+1563	proteomics_stat	639087	639134	+	3	5	K.ELLAEIAELSDKVTFK.E	20
PSTAT+1564	proteomics_stat	639087	639158	+	3	6	K.ELLAEIAELSDKVTFKEDNSLPVR.K	28
PSTAT+1565	proteomics_stat	639159	639206	+	3	19	R.KPSFLITNPGSNQGPR.F	20
PSTAT+1566	proteomics_stat	639426	639473	+	3	5	K.HTAIDGGTFQNEITDR.N	20
PSTAT+1567	proteomics_stat	639474	639512	+	3	2	R.NVMGVPVAVFVNGK.E	17
PSTAT+1568	proteomics_stat	639606	639674	+	3	4	R.DAYDVLIVGSGPAGAAAAIYSAR.K	27
PSTAT+1569	proteomics_stat	639708	639764	+	3	16	R.FGGQILDVTDIENYISVPK.T	23
PSTAT+1570	proteomics_stat	639798	639851	+	3	6	K.VHVDEYDVIDS QSASK.L	22
PSTAT+1571	proteomics_stat	639849	639917	+	3	2	S.KLIPAAVEGGLHQIETASGAVLK.A	27
PSTAT+1572	proteomics_stat	639852	639917	+	3	3	K.LIPAAVEGGLHQIETASGAVLK.A	26
PSTAT+1573	proteomics_stat	639924	639950	+	3	2	R.SIIVATGAK.W	13
PSTAT+1574	proteomics_stat	639957	639989	+	3	2	R.NMNVPGEDQYR.T	15
PSTAT+1575	proteomics_stat	640149	640172	+	3	6	K.ADQVLQDK.L	12
PSTAT+1576	proteomics_stat	640374	640400	+	3	2	R.MGEIIDA.K	13
PSTAT+1577	proteomics_stat	640419	640460	+	3	2	K.GVFAAGDCTTVPYK.Q	18
PSTAT+1578	proteomics_stat	653229	653276	+	3	3	R.FKPGILLDNYLPDGR.G	20
PSTAT+1579	proteomics_stat	656560	656595	+	1	3	K.GFGFITPEDGSK.D	16
PSTAT+1580	proteomics_stat	656560	656640	+	1	5	K.GFGFITPEDGSKDVFVHFSAIQTNGFK.T	31
PSTAT+1581	proteomics_stat	656596	656640	+	1	5	K.DVFVHFSAIQTNGFK.T	19
PSTAT+1582	proteomics_stat	656641	656691	+	1	3	K.TLAEGQRVEFEITNGAK.G	21
PSTAT+1583	proteomics_stat	656662	656691	+	1	2	R.VEFEITNGAK.G	14
PSTAT+1584	proteomics_stat	674268	674294	+	3	2	R.ELVASLSER.L	13
PSTAT+1585	proteomics_stat	674313	674342	+	3	3	R.DIDALVEQAR.E	14
PSTAT+1586	proteomics_stat	674376	674399	+	3	2	R.TEVDELTR.A	12
PSTAT+1587	proteomics_stat	674412	674480	+	3	11	R.DLEEFAMSYEESLKEESDSVFM.R.V	27
PSTAT+1588	proteomics_stat	674481	674528	+	3	2	R.VIKESLWQELADITDK.T	20
PSTAT+1589	proteomics_stat	674490	674546	+	3	2	K.ESLWQELADITDKTQLEWR.E	23
PSTAT+1590	proteomics_stat	674547	674627	+	3	16	R.EVFQDLNHHGVYHSGEVVGLGNLVCEK.C	31
PSTAT+1591	proteomics_stat	674682	674705	+	3	4	K.CGHDQFQR.R	12
PSTAT+1592	proteomics_stat	694747	694776	+	1	2	R.HDDLQELELK.G	14
PSTAT+1593	proteomics_stat	695029	695076	+	1	4	R.QLQNMNMAQLQAEIAK.H	20
PSTAT+1594	proteomics_stat	695092	695139	+	1	2	R.LGYVTPLAAGAFPLTR.R	20
PSTAT+1595	proteomics_stat	703203	703253	+	3	3	R.ALQLPIAVLPVAALLLR.F	21
PSTAT+1596	proteomics_stat	704736	704774	+	3	7	K.AVGDGVAVKPTDK.I	17
PSTAT+1597	proteomics_stat	704811	704852	+	3	7	K.IFNTNHAFCLETEK.G	18
PSTAT+1598	proteomics_stat	704919	704999	+	3	3	R.LVEEGAQVSAGQPILEMDLDYLNANAR.S	31
PSTAT+1599	proteomics_stat	705000	705059	+	3	3	R.SMISPVVCSNIDDFSGLI.K.A	24
PSTAT+1600	proteomics_stat	705060	705107	+	3	6	K.AQGHIVAGQTPLYEIK.K	20

PSTAT+1601	proteomics_stat	705319	705354	+	1	2	M.SEAEARPTNFIR.Q	16
PSTAT+1602	proteomics_stat	705355	705387	+	1	5	R.QIIDEDLASGK.H	15
PSTAT+1603	proteomics_stat	705454	705492	+	1	3	K.SICLNFGIAQDYK.G	17
PSTAT+1604	proteomics_stat	705610	705666	+	1	15	R.YSSDYFDQLHAYAIELINK.G	23
PSTAT+1605	proteomics_stat	705667	705708	+	1	4	K.GLAYVDELTPAQIR.E	18
PSTAT+1606	proteomics_stat	705838	705876	+	1	4	R.AKIDMASPFIVMR.D	17
PSTAT+1607	proteomics_stat	706033	706080	+	1	10	R.LYDWVLDNITIPVHPR.Q	20
PSTAT+1608	proteomics_stat	706099	706128	+	1	2	R.LNLEYTVMSK.R	14
PSTAT+1609	proteomics_stat	706132	706158	+	1	3	R.KLNLLVTDK.H	13
PSTAT+1610	proteomics_stat	706270	706314	+	1	3	K.QDNTIEMASLESCIR.E	19
PSTAT+1611	proteomics_stat	706315	706341	+	1	5	R.EDLNENAPR.A	13
PSTAT+1612	proteomics_stat	706342	706368	+	1	3	R.AMAVIDPVK.L	13
PSTAT+1613	proteomics_stat	706369	706449	+	1	16	K.LVIENYQGEEMVTMPNHPNKPEMGSR.Q	31
PSTAT+1614	proteomics_stat	706450	706485	+	1	3	R.QVPFSGEIWIDR.A	16
PSTAT+1615	proteomics_stat	706678	706728	+	1	2	K.GVIHWVSAHALPVEIR.L	21
PSTAT+1616	proteomics_stat	706741	706815	+	1	13	R.LFSVPNPGAADDFLSVINPESLVIK.Q	29
PSTAT+1617	proteomics_stat	706816	706860	+	1	4	K.QGFAEPSLKDAVAGK.A	19
PSTAT+1618	proteomics_stat	706906	706938	+	1	2	R.HSTAEPVFN.R	15
PSTAT+1619	proteomics_stat	712216	712266	+	1	4	K.TIEVDDELYSYIASHTK.H	21
PSTAT+1620	proteomics_stat	712267	712299	+	1	10	K.HIGESASDILR.R	15
PSTAT+1621	proteomics_stat	712312	712350	+	1	6	K.FSAASQPAAPVTK.E	17
PSTAT+1622	proteomics_stat	712360	712398	+	1	10	R.VASPAIVEAKPVK.T	17
PSTAT+1623	proteomics_stat	712429	712467	+	1	2	R.ELLSDEYAEQKR.A	17
PSTAT+1624	proteomics_stat	712624	712674	+	1	11	K.HVPGTPYWVITNTNTGR.K	21
PSTAT+1625	proteomics_stat	712678	712737	+	1	4	K.CSMIEHIMQSMQFPAELIEK.V	24
PSTAT+1626	proteomics_stat	712799	712903	+	2	19	R.AGQPAQQSDLINVAQLTAQYYVLKPEAGNAEHAHV.F	39
PSTAT+1627	proteomics_stat	712940	712996	+	2	6	R.HSFNEPHILAIQAIAEER.A	23
PSTAT+1628	proteomics_stat	713003	713035	+	2	3	K.NGITGPCYVGK.D	15
PSTAT+1629	proteomics_stat	713177	713248	+	2	7	K.KGGPLADGIVITPSHNPPEDGGIK.Y	28
PSTAT+1630	proteomics_stat	713249	713293	+	2	3	K.YNPPNGGPADTNVTK.V	19
PSTAT+1631	proteomics_stat	713309	713338	+	2	2	R.ANALLADGLK.G	14
PSTAT+1632	proteomics_stat	713351	713389	+	2	8	R.ISLDEAMASGHVK.E	17
PSTAT+1633	proteomics_stat	713390	713458	+	2	22	K.EQDLVQPFVEGLADIVDMAAIQK.A	27
PSTAT+1634	proteomics_stat	713459	713515	+	2	7	K.AGLTLGVDPLGGSGIEYWK.R	23
PSTAT+1635	proteomics_stat	713519	713581	+	2	2	R.IGEYYNLNLTIVNDQVDQTFR.F	25
PSTAT+1636	proteomics_stat	713663	713707	+	2	2	R.DKFDLAFANDPDYDR.H	19
PSTAT+1637	proteomics_stat	713708	713755	+	2	4	R.HGIVTPAGLMNPNHYL.A	20
PSTAT+1638	proteomics_stat	714062	714094	+	2	9	K.NPQEHYNELAK.R	15
PSTAT+1639	proteomics_stat	714122	714151	+	2	5	R.LQAAATSAQK.A	14
PSTAT+1640	proteomics_stat	714167	714223	+	2	7	K.LSPEMVSASTLAGDPITAR.L	23
PSTAT+1641	proteomics_stat	714224	714268	+	2	4	R.LTAAPNGGASIGGLK.V	19
PSTAT+1642	proteomics_stat	714302	714328	+	2	2	R.PSGTEDAYK.I	13
PSTAT+1643	proteomics_stat	714329	714367	+	2	3	K.IYCESFLGEEHRK.Q	17
PSTAT+1644	proteomics_stat	742050	742088	+	3	12	K.MKNTELEQLINEK.L	17
PSTAT+1645	proteomics_stat	742056	742088	+	3	3	K.NTELEQLINEK.L	15
PSTAT+1646	proteomics_stat	742089	742145	+	3	5	K.LNSAAISDYAPNGLQVEGK.E	23

PSTAT+1647	proteomics_stat	742161	742211	+	3	11	K.IVTGVTASQALLDEAVR.L	21
PSTAT+1648	proteomics_stat	742506	742550	+	3	10	R.KPLWCGDGTGPEVVQR.V	19
PSTAT+1649	proteomics_stat	742551	742601	+	3	6	R.VAWCTGGGQSFIDSAAR.F	21
PSTAT+1650	proteomics_stat	742554	742601	+	3	2	V.AWCTGGGQSFIDSAAR.F	20
PSTAT+1651	proteomics_stat	742569	742601	+	3	2	G.GGQSFIDSAAR.F	15
PSTAT+1652	proteomics_stat	742662	742709	+	3	7	R.EQGLHFYAAGHHATER.G	20
PSTAT+1653	proteomics_stat	742924	742989	+	1	4	R.LVDMPNVVEAIPGMNNITVILR.N	26
PSTAT+1654	proteomics_stat	742924	743025	+	1	2	R.LVDMPNVVEAIPGMNNITVILRNPELALDAIER.L	38
PSTAT+1655	proteomics_stat	743937	743963	+	3	3	R.DSMEAQGVK.Q	13
PSTAT+1656	proteomics_stat	744120	744236	+	3	2	R.TTDRELLSHGLLPGVVQVPHNGQPIVLMNDAQTTGGYPR.I	43
PSTAT+1657	proteomics_stat	745386	745421	+	3	2	R.VVDTGEEPQTTR.V	16
PSTAT+1658	proteomics_stat	754783	754812	+	1	5	R.MVSNASALGR.N	14
PSTAT+1659	proteomics_stat	754786	754812	+	1	3	M.VSNASALGR.N	13
PSTAT+1660	proteomics_stat	755148	755192	+	3	3	R.EFDVAVIGAGGAGMR.A	19
PSTAT+1661	proteomics_stat	755193	755243	+	3	22	R.AALQISQSGQTCALLSK.V	21
PSTAT+1662	proteomics_stat	755352	755399	+	3	10	K.GSDYIGDQDAIEYMCK.T	20
PSTAT+1663	proteomics_stat	755400	755453	+	3	35	K.TGPEAILELEHMGLPFSR.L	22
PSTAT+1664	proteomics_stat	755403	755453	+	3	3	T.GPEAILELEHMGLPFSR.L	21
PSTAT+1665	proteomics_stat	755469	755501	+	3	7	R.IYQRPFGGQSK.N	15
PSTAT+1666	proteomics_stat	755502	755528	+	3	4	K.NFGGEQAAR.T	13
PSTAT+1667	proteomics_stat	755505	755528	+	3	2	N.FGGEQAAR.T	12
PSTAT+1668	proteomics_stat	755550	755594	+	3	16	R.TGHALLHTLYQQNLK.N	19
PSTAT+1669	proteomics_stat	755595	755642	+	3	44	K.NHTTIFSEWYALDLVK.N	20
PSTAT+1670	proteomics_stat	755718	755750	+	3	3	R.ATVLATGGAGR.I	15
PSTAT+1671	proteomics_stat	755751	755813	+	3	3	R.IYQSTTNAHINTGDGVGMAIR.A	25
PSTAT+1672	proteomics_stat	755814	755903	+	3	36	R.AGVPVQDMEMWQFHPTGIAGAGVLVTEGCR.G	34
PSTAT+1673	proteomics_stat	755904	755930	+	3	3	R.GEGGYLLNK.H	13
PSTAT+1674	proteomics_stat	756033	756065	+	3	14	R.GCDGPWGPFAK.L	15
PSTAT+1675	proteomics_stat	756108	756134	+	3	6	R.LPGILELSR.T	13
PSTAT+1676	proteomics_stat	756135	756218	+	3	36	R.TFAHVDPVKEPIPVIPTCHYMMGGIPTK.V	32
PSTAT+1677	proteomics_stat	756135	756191	+	3	2	R.TFAHVDPVKEPIPVIPTCH.Y	23
PSTAT+1678	proteomics_stat	756135	756197	+	3	5	R.TFAHVDPVKEPIPVIPTCHYM.M	25
PSTAT+1679	proteomics_stat	756219	756251	+	3	4	K.VTGQALTVNEK.G	15
PSTAT+1680	proteomics_stat	756327	756368	+	3	19	R.LGGNSLLDLVVFGR.A	18
PSTAT+1681	proteomics_stat	756369	756419	+	3	318	R.AAGLHLQESIAEQGALR.D	21
PSTAT+1682	proteomics_stat	756420	756458	+	3	46	R.DASESDVEASLDR.L	17
PSTAT+1683	proteomics_stat	756483	756509	+	3	2	R.NGEDPVAIR.K	13
PSTAT+1684	proteomics_stat	756483	756512	+	3	6	R.NGEDPVAIRK.A	14
PSTAT+1685	proteomics_stat	756513	756554	+	3	10	K.ALQECMQHNFSVFR.E	18
PSTAT+1686	proteomics_stat	756516	756554	+	3	3	A.LQECMQHNFSVFR.E	17
PSTAT+1687	proteomics_stat	756624	756659	+	3	17	R.LDDTSSEFNTQR.V	16
PSTAT+1688	proteomics_stat	756624	756728	+	3	3	R.LDDTSSEFNTQRVECLELDNLMETAYATAVSANFR.T	39
PSTAT+1689	proteomics_stat	756627	756659	+	3	7	L.DDTSSEFNTQR.V	15
PSTAT+1690	proteomics_stat	756660	756728	+	3	79	R.VECLELDNLMETAYATAVSANFR.T	27
PSTAT+1691	proteomics_stat	756756	756833	+	3	4	R.FDFPDRDDENWLCHSLYLPESMTR.R	30
PSTAT+1692	proteomics_stat	756912	756938	+	3	2	K.MRLEFSIYR.Y	13

PSTAT+1693	proteomics_stat	756939	756968	+	3	4	R.YNPVDVDDAPR.M	14
PSTAT+1694	proteomics_stat	756942	756968	+	3	6	Y.NPDVDDAPR.M	13
PSTAT+1695	proteomics_stat	756969	757040	+	3	20	R.MQDYTLEADEGRDMMLLDALIQLK.E	28
PSTAT+1696	proteomics_stat	756969	757004	+	3	7	R.MQDYTLEADEGR.D	16
PSTAT+1697	proteomics_stat	757041	757067	+	3	2	K.EKDPSLSFR.R	13
PSTAT+1698	proteomics_stat	757080	757121	+	3	9	R.EGVCSDGLNMNGK.N	18
PSTAT+1699	proteomics_stat	757122	757175	+	3	18	K.NGLACITPISALNQPQKK.I	22
PSTAT+1700	proteomics_stat	757122	757172	+	3	5	K.NGLACITPISALNQPQK.K	21
PSTAT+1701	proteomics_stat	757173	757214	+	3	4	K.KIVIRPLPLPVIR.D	18
PSTAT+1702	proteomics_stat	757176	757214	+	3	16	K.IVIRPLPLPVIR.D	17
PSTAT+1703	proteomics_stat	757215	757259	+	3	40	R.DLVVDMGQFYAQYEK.I	19
PSTAT+1704	proteomics_stat	757260	757304	+	3	31	K.IKPYLLNNGQNPPAR.E	19
PSTAT+1705	proteomics_stat	757305	757331	+	3	19	R.EHLQMPQQR.E	13
PSTAT+1706	proteomics_stat	757470	757526	+	3	5	R.DTETDSRLDGLSDAFSVFR.C	23
PSTAT+1707	proteomics_stat	757491	757526	+	3	2	R.LDGLSDAFSVFR.C	16
PSTAT+1708	proteomics_stat	757494	757526	+	3	4	L.DGLSDAFSVFR.C	15
PSTAT+1709	proteomics_stat	758055	758117	+	3	20	R.STFQQLPGTGVKPDQFHSQTR.E	25
PSTAT+1710	proteomics_stat	758154	758192	+	3	5	R.YSSTISDPDTNVK.Q	17
PSTAT+1711	proteomics_stat	758202	758228	+	3	2	K.VLQLINAYR.F	13
PSTAT+1712	proteomics_stat	758205	758228	+	3	2	V.LQLINAYR.F	12
PSTAT+1713	proteomics_stat	758235	758285	+	3	10	R.GHQHANLDPLGLWQQDK.V	21
PSTAT+1714	proteomics_stat	758286	758372	+	3	55	K.VADLDPSFHDLTLEADFQETFNVGSFASGK.E	33
PSTAT+1715	proteomics_stat	758412	758474	+	3	11	K.QTYCGPIGAEYMHITSTEEKR.W	25
PSTAT+1716	proteomics_stat	758505	758528	+	3	2	R.ATFNSEEK.K	12
PSTAT+1717	proteomics_stat	758535	758573	+	3	5	R.FLSELTAAEGLER.Y	17
PSTAT+1718	proteomics_stat	758604	758648	+	3	10	K.RFSLEGGDALIPMLK.E	19
PSTAT+1719	proteomics_stat	758685	758711	+	3	10	R.EVVLGMAHR.G	13
PSTAT+1720	proteomics_stat	758712	758747	+	3	4	R.GRLNVLVNVLGK.K	16
PSTAT+1721	proteomics_stat	758718	758747	+	3	3	R.LNVLVNVLGK.K	14
PSTAT+1722	proteomics_stat	758748	758783	+	3	9	K.KPQDLDFEFAGK.H	16
PSTAT+1723	proteomics_stat	758790	758816	+	3	5	K.EHLGTGDVK.Y	13
PSTAT+1724	proteomics_stat	758940	758972	+	3	5	R.LDRLEPSSNK.V	15
PSTAT+1725	proteomics_stat	758949	758972	+	3	6	R.LDEPSSNK.V	12
PSTAT+1726	proteomics_stat	758973	759050	+	3	153	K.VLPITIHGDAAVTGQGVVQETLNMSK.A	30
PSTAT+1727	proteomics_stat	759084	759137	+	3	9	R.IVINNVQVGFSTSNPLDAR.S	22
PSTAT+1728	proteomics_stat	759168	759233	+	3	8	K.MVQAPIFHVNADDPEAVAFVTR.L	26
PSTAT+1729	proteomics_stat	759300	759356	+	3	2	R.HGHNEADEPSATQPLMYQK.I	23
PSTAT+1730	proteomics_stat	759381	759413	+	3	3	R.KIYADKLEQEK.V	15
PSTAT+1731	proteomics_stat	759384	759413	+	3	8	K.IYADKLEQEK.V	14
PSTAT+1732	proteomics_stat	759414	759458	+	3	13	K.VATLEDATEMVNLYR.D	19
PSTAT+1733	proteomics_stat	759606	759647	+	3	6	K.RISTVPEAVEMQSR.V	18
PSTAT+1734	proteomics_stat	759609	759647	+	3	6	R.ISTVPEAVEMQSR.V	17
PSTAT+1735	proteomics_stat	759696	759764	+	3	37	K.LFDWGGAEENLAYATLVDEGIPVR.L	27
PSTAT+1736	proteomics_stat	759807	759860	+	3	2	R.HAVIHNQSNGSTYTPLQH.I	22
PSTAT+1737	proteomics_stat	759888	759959	+	3	3	R.VWDSVLSEEAVLAFEYGYATAEPR.T	28
PSTAT+1738	proteomics_stat	760059	760127	+	3	14	R.MCGLVMLLPHGYEQGPEHSSAR.L	27

PSTAT+1739	proteomics_stat	760278	760364	+	3	21	R.HPLAVSSLEELANGTFLPAIGEIDELDPK.G	33
PSTAT+1740	proteomics_stat	760398	760424	+	3	2	K.VYYDLLEQR.R	13
PSTAT+1741	proteomics_stat	760428	760460	+	3	4	R.KNNQHDVAIVR.I	15
PSTAT+1742	proteomics_stat	760431	760460	+	3	8	K.NNQHDVAIVR.I	14
PSTAT+1743	proteomics_stat	760461	760490	+	3	6	R.IEQLYPFPHK.A	14
PSTAT+1744	proteomics_stat	760491	760529	+	3	9	K.AMQEVLQQFAHVK.D	17
PSTAT+1745	proteomics_stat	760629	760688	+	3	8	R.YAGRPASASPAVGYSVHVK.Q	24
PSTAT+1746	proteomics_stat	760629	760682	+	3	4	R.YAGRPASASPAVGYSVH.Q	22
PSTAT+1747	proteomics_stat	760641	760688	+	3	4	R.PASASPAVGYSVHVK.Q	20
PSTAT+1748	proteomics_stat	760748	760819	+	2	4	M.SSVDILVPDLPESVADATVATWHK.K	28
PSTAT+1749	proteomics_stat	760769	760819	+	2	7	V.PDLPESVADATVATWHK.K	21
PSTAT+1750	proteomics_stat	760820	760843	+	2	6	K.KPGDAVVR.D	12
PSTAT+1751	proteomics_stat	760973	761014	+	2	3	R.LREGNSAGKETSAK.S	18
PSTAT+1752	proteomics_stat	761045	761101	+	2	5	Q.RQQASLEEQNNDALSPAIR.R	23
PSTAT+1753	proteomics_stat	761048	761101	+	2	11	R.QQASLEEQNNDALSPAIR.R	22
PSTAT+1754	proteomics_stat	761102	761143	+	2	2	R.RLLAEHNLDASAIK.G	18
PSTAT+1755	proteomics_stat	761105	761143	+	2	14	R.LLAEHNLDASAIK.G	17
PSTAT+1756	proteomics_stat	761105	761149	+	2	3	R.LLAEHNLDASAIKGT.G	19
PSTAT+1757	proteomics_stat	761108	761143	+	2	8	L.LAEHNLDASAIK.G	16
PSTAT+1758	proteomics_stat	761111	761143	+	2	2	L.AEHNLDASAIK.G	15
PSTAT+1759	proteomics_stat	761201	761266	+	2	7	K.APAKESAPAAAAPAAQPALAAR.S	26
PSTAT+1760	proteomics_stat	761213	761266	+	2	27	K.ESAPAAAAPAAQPALAAR.S	22
PSTAT+1761	proteomics_stat	761330	761395	+	2	2	A.KNSTAMLTTFNEVNMKPIMDLR.K	26
PSTAT+1762	proteomics_stat	761333	761395	+	2	36	K.NSTAMLTTFNEVNMKPIMDLR.K	25
PSTAT+1763	proteomics_stat	761396	761422	+	2	7	R.KQYGEAFEK.R	13
PSTAT+1764	proteomics_stat	761396	761425	+	2	4	R.KQYGEAFEKR.H	14
PSTAT+1765	proteomics_stat	761438	761464	+	2	3	R.LGFMSFYVK.A	13
PSTAT+1766	proteomics_stat	761489	761575	+	2	74	R.YPEVNASIDGDDVYHNYFDVSMVSTPR.G	33
PSTAT+1767	proteomics_stat	761600	761635	+	2	17	R.DVDTLGMADIEK.K	16
PSTAT+1768	proteomics_stat	761600	761638	+	2	3	R.DVDTLGMADIEKK.I	17
PSTAT+1769	proteomics_stat	761675	761800	+	2	31	K.LTVEDLTGGNFTITNGGVFGSLMSTPIINPPQSAILGMHAIK.D	46
PSTAT+1770	proteomics_stat	761801	761875	+	2	35	K.DRPMVAVNGQVEILPMMYLALSYDHR.L	29
PSTAT+1771	proteomics_stat	761801	761857	+	2	2	K.DRPMVAVNGQVEILPMMYLA.L	23
PSTAT+1772	proteomics_stat	762237	762263	+	3	21	H.MNLHEYQAK.Q	13
PSTAT+1773	proteomics_stat	762279	762323	+	3	12	R.YGLPAPVGYACTTPR.E	19
PSTAT+1774	proteomics_stat	762348	762374	+	3	2	K.IGAGPWVVK.C	13
PSTAT+1775	proteomics_stat	762447	762476	+	3	3	R.AFAENWLGKR.L	14
PSTAT+1776	proteomics_stat	762447	762473	+	3	3	R.AFAENWLGK.R	13
PSTAT+1777	proteomics_stat	762450	762473	+	3	2	A.FAENWLGK.R	12
PSTAT+1778	proteomics_stat	762450	762476	+	3	2	A.FAENWLGK.R	13
PSTAT+1779	proteomics_stat	762474	762554	+	3	5	K.RLVTYQTDANGQPVNQILVEAATDIAK.E	31
PSTAT+1780	proteomics_stat	762477	762584	+	3	5	R.LVTYQTDANGQPVNQILVEAATDIAKELYLGAVVDR.S	40
PSTAT+1781	proteomics_stat	762477	762554	+	3	20	R.LVTYQTDANGQPVNQILVEAATDIAK.E	30
PSTAT+1782	proteomics_stat	762498	762554	+	3	4	D.ANGQPVNQILVEAATDIAK.E	23
PSTAT+1783	proteomics_stat	762555	762584	+	3	3	K.ELYLGAVVDR.S	14
PSTAT+1784	proteomics_stat	762597	762641	+	3	23	R.VVFMASTEGGVEIEK.V	19

PSTAT+1785	proteomics_stat	762642	762674	+	3	12	K.VAEETPHLIHK.V	15
PSTAT+1786	proteomics_stat	762675	762719	+	3	10	K.VALDPLTGMPYQGR.E	19
PSTAT+1787	proteomics_stat	762678	762719	+	3	2	V.ALDPLTGMPYQGR.E	18
PSTAT+1788	proteomics_stat	762687	762719	+	3	2	D.PLTGMPYQGR.E	15
PSTAT+1789	proteomics_stat	762774	762809	+	3	4	K.IFMGLATIFLER.D	16
PSTAT+1790	proteomics_stat	762810	762851	+	3	8	R.DLALIEINPLVITK.Q	18
PSTAT+1791	proteomics_stat	762852	762881	+	3	3	K.QGDLICLDGK.L	14
PSTAT+1792	proteomics_stat	762882	762911	+	3	4	K.LGADGNALFR.Q	14
PSTAT+1793	proteomics_stat	762885	762911	+	3	2	L.GADGNALFR.Q	13
PSTAT+1794	proteomics_stat	762936	762959	+	3	4	R.DQSQEDPR.E	12
PSTAT+1795	proteomics_stat	762960	763067	+	3	6	R.EAQAAQWELNYVALDGNIGCMVNGAGLAMGTMDIVK.L	40
PSTAT+1796	proteomics_stat	763068	763121	+	3	36	K.LHGGEANFLDVGGGATK.E	22
PSTAT+1797	proteomics_stat	763071	763121	+	3	2	L.HGGEANFLDVGGGATK.E	21
PSTAT+1798	proteomics_stat	763122	763145	+	3	2	K.ERVTEAFK.I	12
PSTAT+1799	proteomics_stat	763146	763172	+	3	8	K.IILSDDKVK.A	13
PSTAT+1800	proteomics_stat	763173	763208	+	3	7	K.AVLVNIFGGIVR.C	16
PSTAT+1801	proteomics_stat	763281	763313	+	3	2	R.LEGNNAELGAK.K	15
PSTAT+1802	proteomics_stat	763281	763316	+	3	3	R.LEGNNAELGAKK.L	16
PSTAT+1803	proteomics_stat	763314	763352	+	3	16	K.KLADSGLNIIAAK.G	17
PSTAT+1804	proteomics_stat	763317	763352	+	3	4	K.LADSGLNIIAAK.G	16
PSTAT+1805	proteomics_stat	763353	763400	+	3	10	K.GLTDAAQVVAVEGK.-	20
PSTAT+1806	proteomics_stat	763406	763432	+	2	6	M.SILIDKNTK.V	13
PSTAT+1807	proteomics_stat	763433	763504	+	2	19	K.VICQGFTGSQGFHSEQAIAYGTK.M	28
PSTAT+1808	proteomics_stat	763451	763504	+	2	3	F.TGSQGFHSEQAIAYGTK.M	22
PSTAT+1809	proteomics_stat	763532	763576	+	2	29	K.GGTTHLGLPVFNTVR.E	19
PSTAT+1810	proteomics_stat	763577	763639	+	2	9	R.EAVAATGATASVIYVPAPFCK.D	25
PSTAT+1811	proteomics_stat	763640	763675	+	2	4	K.DSILEAIDAGIK.L	16
PSTAT+1812	proteomics_stat	763676	763729	+	2	43	K.LIITITEGIPTLDMLTVK.V	22
PSTAT+1813	proteomics_stat	763730	763756	+	2	10	K.VKLDEAGVR.M	13
PSTAT+1814	proteomics_stat	763733	763756	+	2	4	V.KLDEAGVR.M	12
PSTAT+1815	proteomics_stat	763757	763804	+	2	2	R.MIGPNCPGVITPGECK.I	20
PSTAT+1816	proteomics_stat	764072	764125	+	2	13	K.EHVTKPVVGVIAGVTAPK.G	22
PSTAT+1817	proteomics_stat	764072	764101	+	2	5	K.EHVTKPVVGVI	14
PSTAT+1818	proteomics_stat	764135	764170	+	2	10	R.MGHAGAIAGGK.G	16
PSTAT+1819	proteomics_stat	764171	764218	+	2	4	K.GTADEKFAALEAAGVK.T	20
PSTAT+1820	proteomics_stat	764189	764218	+	2	6	K.FAALEAAGVK.T	14
PSTAT+1821	proteomics_stat	764228	764257	+	2	6	R.SLADIGEALK.T	14
PSTAT+1822	proteomics_stat	764231	764257	+	2	4	S.LADIGEALK.T	13
PSTAT+1823	proteomics_stat	771176	771229	+	2	8	R.MEMVSFSELVLPVAQVK.F	22
PSTAT+1824	proteomics_stat	771437	771529	+	2	4	K.LAAIEAEWETQPAPAAFTLFGIPDQEEETNK.F	35
PSTAT+1825	proteomics_stat	771575	771604	+	2	2	R.SVDTPVIGLK.E	14
PSTAT+1826	proteomics_stat	771605	771631	+	2	7	K.ELMVQHEER.I	13
PSTAT+1827	proteomics_stat	771755	771811	+	2	2	K.RYTPNVADATEAQIQQATK.D	23
PSTAT+1828	proteomics_stat	771758	771811	+	2	3	R.YTPNVADATEAQIQQATK.D	22
PSTAT+1829	proteomics_stat	772205	772246	+	2	14	R.YHFESSTTTQPAR.-	18
PSTAT+1830	proteomics_stat	772961	773002	+	2	12	K.STMDHYAASNPLNK.E	18

PSTAT+1831	proteomics_stat	774260	774328	+	2	5	R.IVNAENTLLNEAEVLVVCVDPLK.M	27
PSTAT+1832	proteomics_stat	774568	774594	+	1	4	R.LYQESQGKR.D	13
PSTAT+1833	proteomics_stat	774568	774591	+	1	2	R.LYQESQGK.R	12
PSTAT+1834	proteomics_stat	774595	774639	+	1	3	R.DNLTGSEQIFYSGFK.E	19
PSTAT+1835	proteomics_stat	774661	774705	+	1	10	R.ANSHAPEAVVEGASR.A	19
PSTAT+1836	proteomics_stat	774970	775032	+	1	5	R.VNKLELNYDNFMEEFTAILHR.Q	25
PSTAT+1837	proteomics_stat	775438	775470	+	1	5	K.ALNLLHSAGVK.S	15
PSTAT+1838	proteomics_stat	775817	775849	+	2	2	K.EQQAEEELREK.Q	15
PSTAT+1839	proteomics_stat	776117	776146	+	2	2	K.KAEAAAAALK.K	14
PSTAT+1840	proteomics_stat	776150	776188	+	2	3	K.KAEAAEAAAPEAR.K	17
PSTAT+1841	proteomics_stat	776549	776599	+	2	2	K.NNGASGADINNYAGQIK.S	21
PSTAT+1842	proteomics_stat	776669	776752	+	2	2	K.LAPDGMLLDIKPEGGDPALCQAALAAK.L	32
PSTAT+1843	proteomics_stat	776762	776803	+	2	3	K.IPKPPSQAVYEVFK.N	18
PSTAT+1844	proteomics_stat	777035	777151	+	2	33	R.IVIDSGVDSGRPIGVVPFQWAGPGAAPEDIGGIVAADLR.N	43
PSTAT+1845	proteomics_stat	777152	777181	+	2	3	R.NSGKFNPLDR.A	14
PSTAT+1846	proteomics_stat	777389	777427	+	2	20	R.YAGHTASDEVFEK.L	17
PSTAT+1847	proteomics_stat	777392	777427	+	2	5	Y.AGHTASDEVFEK.L	16
PSTAT+1848	proteomics_stat	777461	777511	+	2	8	R.IAYVVQTNGGQFPYELR.V	21
PSTAT+1849	proteomics_stat	777464	777511	+	2	2	I.AYVVQTNGGQFPYELR.V	20
PSTAT+1850	proteomics_stat	777512	777553	+	2	10	R.VSDYDGYNQFVVHR.S	18
PSTAT+1851	proteomics_stat	777515	777553	+	2	2	V.SDYDGYNQFVVHR.S	17
PSTAT+1852	proteomics_stat	777554	777601	+	2	3	R.SPQPLMSPAWSPDGSK.L	20
PSTAT+1853	proteomics_stat	777602	777631	+	2	3	K.LAYVTFESGR.S	14
PSTAT+1854	proteomics_stat	777632	777673	+	2	7	R.SALVIQTLANGAVR.Q	18
PSTAT+1855	proteomics_stat	777695	777733	+	2	14	R.HNGAPAFSPDGSK.L	17
PSTAT+1856	proteomics_stat	777755	777805	+	2	71	K.TGSLNLYVMDLASGQIR.Q	21
PSTAT+1857	proteomics_stat	777911	777940	+	2	4	K.VNINGGAPQR.I	14
PSTAT+1858	proteomics_stat	777941	777994	+	2	20	R.ITWEGSQNQDADVSSDGK.F	22
PSTAT+1859	proteomics_stat	777950	777994	+	2	2	W.EGSQSQDADVSSDGK.F	19
PSTAT+1860	proteomics_stat	777995	778042	+	2	10	K.FMVMVSSNGGQQHIAK.Q	20
PSTAT+1861	proteomics_stat	778196	778228	+	2	5	K.ARLPATDGQVK.F	15
PSTAT+1862	proteomics_stat	778196	778252	+	2	3	K.ARLPATDGQVKFPAWSPYL.-	23
PSTAT+1863	proteomics_stat	778202	778228	+	2	2	R.LPATDGQVK.F	13
PSTAT+1864	proteomics_stat	778368	778466	+	3	8	K.NASNDGSEGMLGAGTGMDANGGNGNMSSEEQAR.L	37
PSTAT+1865	proteomics_stat	778464	778532	+	3	4	A.RLQMQQLQQNNIVYFDLDKYDIR.S	27
PSTAT+1866	proteomics_stat	778467	778532	+	3	41	R.LQMQQLQQNNIVYFDLDKYDIR.S	26
PSTAT+1867	proteomics_stat	778533	778577	+	3	7	R.SDFAQMLDAHANFLR.S	19
PSTAT+1868	proteomics_stat	778596	778625	+	3	16	K.VTVEGHADER.G	14
PSTAT+1869	proteomics_stat	778626	778661	+	3	2	R.GTPEYNISLGER.R	16
PSTAT+1870	proteomics_stat	778680	778697	+	3	2	K.MYLQKG.G	10
PSTAT+1871	proteomics_stat	778698	778739	+	3	10	K.GVSADQISIVSYGK.E	18
PSTAT+1872	proteomics_stat	778740	778784	+	3	20	K.EKPAVLGHDEAAYSK.N	19
PSTAT+1873	proteomics_stat	778962	779042	+	3	8	R.ISNAHSQLLTQLQQQLSDNQSDIDSLR.G	31
PSTAT+1874	proteomics_stat	779043	779090	+	3	3	R.GQIQENQYQLNQVVER.Q	20
PSTAT+1875	proteomics_stat	779235	779288	+	3	3	K.SGNANTDYNAIALVQDK.S	22
PSTAT+1876	proteomics_stat	779289	779333	+	3	6	K.SRQDDAMVAFQNFQIK.N	19



PSTAT+1877	proteomics_stat	779334	779399	+	3	2	K.NYPDSTYLPNANYWLGQLNYNK.G	26
PSTAT+1878	proteomics_stat	779400	779444	+	3	3	K.GKKDDAAYFASVVK.N	19
PSTAT+1879	proteomics_stat	779406	779444	+	3	7	K.KDDAAYFASVVK.N	17
PSTAT+1880	proteomics_stat	779409	779444	+	3	2	K.DDAAYFASVVK.N	16
PSTAT+1881	proteomics_stat	779487	779525	+	3	7	K.VGVIMQDKGD TAK.A	17
PSTAT+1882	proteomics_stat	779532	779558	+	3	2	K.AVYQQVISK.Y	13
PSTAT+1883	proteomics_stat	784856	784882	+	2	4	D.MNYQNDDL R.I	13
PSTAT+1884	proteomics_stat	784898	784930	+	2	2	K.ELLPPVALLEK.F	15
PSTAT+1885	proteomics_stat	784898	784975	+	2	12	K.ELLPPVALLEKFPATENAANTVAHAR.K	30
PSTAT+1886	proteomics_stat	784931	784975	+	2	29	K.FPATENAANTVAHAR.K	19
PSTAT+1887	proteomics_stat	785015	785065	+	2	4	R.LLVVIGPCSIHDPVAAK.E	21
PSTAT+1888	proteomics_stat	785096	785131	+	2	4	R.EELKDELEIVMR.V	16
PSTAT+1889	proteomics_stat	785132	785152	+	2	4	R.VYFEKPR.T	11
PSTAT+1890	proteomics_stat	785132	785152	+	2	4	R.VYFEKPR.T	11
PSTAT+1891	proteomics_stat	785135	785152	+	2	2	V.YFEKPR.T	10
PSTAT+1892	proteomics_stat	785135	785152	+	2	2	V.YFEKPR.T	10
PSTAT+1893	proteomics_stat	785135	785152	+	2	2	V.YFEKPR.T	10
PSTAT+1894	proteomics_stat	785171	785227	+	2	8	K.GLINDPHMDSNFQINDGLR.I	23
PSTAT+1895	proteomics_stat	785237	785290	+	2	2	R.KLLLDINDSGLPAAGEFL.D	22
PSTAT+1896	proteomics_stat	785375	785413	+	2	5	R.ELASGLSCPVGFK.N	17
PSTAT+1897	proteomics_stat	785378	785413	+	2	2	E.LASGLSCPVGFK.N	16
PSTAT+1898	proteomics_stat	785438	785497	+	2	11	K.VAIDAINAAGAPHCFLSVTK.W	24
PSTAT+1899	proteomics_stat	785507	785557	+	2	4	H.SAIVNTSGNGDCHIILR.G	21
PSTAT+1900	proteomics_stat	785621	785674	+	2	11	K.AGLPAQVMIDFSHANSSK.Q	22
PSTAT+1901	proteomics_stat	785738	785821	+	2	29	K.AIIGVMVESHLEVEGNSLESGEPLAYGK.S	32
PSTAT+1902	proteomics_stat	785822	785872	+	2	13	K.SITDACIGWEDTDALLR.Q	21
PSTAT+1903	proteomics_stat	785825	785872	+	2	2	S.ITDACIGWEDTDALLR.Q	20
PSTAT+1904	proteomics_stat	796200	796265	+	3	2	R.ALLTAPELLLLDEPLASLDIPR.K	26
PSTAT+1905	proteomics_stat	798139	798225	+	1	3	R.LEDGLPVGVDVVEGLDGC HSANISPDNR.T	33
PSTAT+1906	proteomics_stat	798259	798345	+	1	4	R.ICLFTVSDDGHLVAQDPAEVTTVEGAGPR.H	33
PSTAT+1907	proteomics_stat	798427	798495	+	1	2	K.DPHGNIECVQTLDMMPENFS DTR.W	27
PSTAT+1908	proteomics_stat	798496	798531	+	1	2	R.WAADIHITPDGR.H	16
PSTAT+1909	proteomics_stat	798499	798531	+	1	2	W.AADIHITPDGR.H	15
PSTAT+1910	proteomics_stat	798553	798609	+	1	5	R.TASLITVFSVSEDG SVLSK.E	23
PSTAT+1911	proteomics_stat	798610	798642	+	1	3	K.EGFQPTETQPR.G	15
PSTAT+1912	proteomics_stat	798643	798669	+	1	6	R.GFNVDHSGK.Y	13
PSTAT+1913	proteomics_stat	798670	798693	+	1	3	K.YLIAAGQK.S	12
PSTAT+1914	proteomics_stat	798694	798750	+	1	11	K.SHHISVYEIVGEQGLLHEK.G	23
PSTAT+1915	proteomics_stat	798751	798801	+	1	2	K.GRYAVGQGP MWVVVNAH.-	21
PSTAT+1916	proteomics_stat	798757	798801	+	1	5	R.YAVGQGP MWVVVNAH.-	19
PSTAT+1917	proteomics_stat	809125	809229	+	1	2	K.VCSGGIVGLGETVKDRAGLL LQLANLPTPPESVPI.N	39
PSTAT+1918	proteomics_stat	809721	809783	+	3	3	R.QYLNFSNDYLG LSHHPQIIR.A	25
PSTAT+1919	proteomics_stat	809994	810047	+	3	2	R.LSHASLLEASLS PSQLR.R	22
PSTAT+1920	proteomics_stat	810513	810593	+	3	2	R.AGVQDL PFTLADSCSAIQPLIVG DNSR.A	31
PSTAT+1921	proteomics_stat	811592	811630	+	2	8	R.TAGYKPVASGSEK.T	17
PSTAT+1922	proteomics_stat	812045	812074	+	2	5	R.HAEYMTTLTR.M	14

PSTAT+1923	proteomics_stat	812075	812146	+	2	7	R.MIPAPLLGEIPWLAENPENAATGK.Y	28
PSTAT+1924	proteomics_stat	812767	812814	+	1	4	K.LNSAFKPSGDQPEAIR.R	20
PSTAT+1925	proteomics_stat	812767	812817	+	1	2	K.LNSAFKPSGDQPEAIRR.L	21
PSTAT+1926	proteomics_stat	812815	812883	+	1	4	R.RLEEGLEDGLAHQTLLGVTGSGK.T	27
PSTAT+1927	proteomics_stat	812884	812949	+	1	2	K.TFTIANVIADLQRPTMVLAPNK.T	26
PSTAT+1928	proteomics_stat	813418	813468	+	1	5	R.LSLFDPLTGQIVSTIPR.F	21
PSTAT+1929	proteomics_stat	813697	813804	+	1	5	R.GPGEPPPTLFDYLPADGLLVDESHVTIPQIGGMYR.G	40
PSTAT+1930	proteomics_stat	814120	814164	+	1	3	R.MAEDLTEYLEEHGER.V	19
PSTAT+1931	proteomics_stat	814171	814203	+	1	2	R.YLHSDIDTVER.M	15
PSTAT+1932	proteomics_stat	814480	814521	+	1	3	K.YNEEHGITPQGLNK.K	18
PSTAT+1933	proteomics_stat	814726	814746	+	1	2	R.DQLHQLR.E	11
PSTAT+1934	proteomics_stat	817119	817163	+	3	3	R.DLLEDDTQQQALEAR.I	19
PSTAT+1935	proteomics_stat	817281	817313	+	3	4	M.SQVSTEFIPTR.I	15
PSTAT+1936	proteomics_stat	817341	817379	+	3	19	R.RGEEDDTSGHYLR.D	17
PSTAT+1937	proteomics_stat	817380	817418	+	3	20	R.DSAQEAGHHVVDK.A	17
PSTAT+1938	proteomics_stat	817569	817598	+	3	2	R.EVEGFGEVFR.M	14
PSTAT+1939	proteomics_stat	817599	817643	+	3	9	R.MLSFEEIGTSTLQSR.A	19
PSTAT+1940	proteomics_stat	817668	817700	+	3	3	K.TLIFAMPGSTK.A	15
PSTAT+1941	proteomics_stat	817710	817751	+	3	2	R.TAWENIAPQLDAR.T	18
PSTAT+1942	proteomics_stat	817796	817855	+	2	9	M.SQLTHINAAGEAHMVDVSAK.A	24
PSTAT+1943	proteomics_stat	817997	818041	+	2	2	R.TWDLIPLCHPLMSK.V	19
PSTAT+1944	proteomics_stat	818042	818080	+	2	4	K.VEVNLQAEPEHNR.V	17
PSTAT+1945	proteomics_stat	818593	818628	+	1	5	R.DEDGAVVTFTGK.V	16
PSTAT+1946	proteomics_stat	818635	818700	+	1	8	R.NHNLGDSVNALTLEHYPMTEK.A	26
PSTAT+1947	proteomics_stat	818830	818874	+	1	6	R.SSAFEAGQFIMDYLK.T	19
PSTAT+1948	proteomics_stat	830212	830247	+	1	2	R.DLMASAQTGTGK.T	16
PSTAT+1949	proteomics_stat	834549	834620	+	3	2	R.GLYAHMLNGEVPDLELGGVLIAR.I	28
PSTAT+1950	proteomics_stat	834621	834686	+	3	17	R.IKGEGEAEMLGFYEAMQNHTIK.L	26
PSTAT+1951	proteomics_stat	834687	834746	+	3	4	K.LTPPAGKPMPIVPSYNGAR.K	24
PSTAT+1952	proteomics_stat	834747	834791	+	3	4	R.KQANLTPLLAILLHK.L	19
PSTAT+1953	proteomics_stat	834750	834791	+	3	2	K.QANLTPLLAILLHK.L	18
PSTAT+1954	proteomics_stat	834792	834839	+	3	3	K.LGFPVVVHGVSEDPTR.V	20
PSTAT+1955	proteomics_stat	834840	834911	+	3	23	R.VLTETIFELMGITPTLHGGQAQAK.L	28
PSTAT+1956	proteomics_stat	834912	834971	+	3	8	K.LDEHQPVFMPVGAFCPPLEK.Q	24
PSTAT+1957	proteomics_stat	835029	835064	+	3	3	K.LATPFAEGEALR.L	16
PSTAT+1958	proteomics_stat	835065	835100	+	3	8	R.LSSVSHPEYIGR.V	16
PSTAT+1959	proteomics_stat	835134	835184	+	3	6	R.ALLMHGTEGEVYANPQR.C	21
PSTAT+1960	proteomics_stat	835239	835277	+	3	4	K.QDTAGSELLPQAK.D	17
PSTAT+1961	proteomics_stat	835592	835636	+	2	10	R.FDAQTLHSFIQAVFR.Q	19
PSTAT+1962	proteomics_stat	835637	835666	+	2	2	R.QMGSEEQEAK.L	14
PSTAT+1963	proteomics_stat	835667	835747	+	2	31	K.LVADHLIAANLAGHDSHGIGMIPSYVR.S	31
PSTAT+1964	proteomics_stat	835670	835747	+	2	2	L.VADHLIAANLAGHDSHGIGMIPSYVR.S	30
PSTAT+1965	proteomics_stat	835748	835783	+	2	2	R.SWSQGHLLQINHH.A	16
PSTAT+1966	proteomics_stat	835799	835834	+	2	9	K.EAGAAVTLDGDR.A	16
PSTAT+1967	proteomics_stat	835835	835885	+	2	68	R.AFGQVAAHEAMALGIEK.A	21
PSTAT+1968	proteomics_stat	836051	836086	+	2	6	R.FGTNPFCVVFPR.K	16

PSTAT+1969	proteomics_stat	836087	836143	+	2	66	R.KDNFPLLLDYATSAIAFGK.T	23
PSTAT+1970	proteomics_stat	836090	836143	+	2	4	K.DNFPLLLDYATSAIAFGK.T	22
PSTAT+1971	proteomics_stat	836165	836278	+	2	3	K.GVPVPPGCLIDVNGVPTTNPVAVMQESPLGSLLTFAEHK.G	42
PSTAT+1972	proteomics_stat	836279	836335	+	2	21	K.GYALAAMCEILGGALSGGK.T	23
PSTAT+1973	proteomics_stat	836471	836533	+	2	6	K.ASPHDDDKPILLPGEWEVNTR.R	25
PSTAT+1974	proteomics_stat	836471	836536	+	2	3	K.ASPHDDDKPILLPGEWEVNTRR.E	26
PSTAT+1975	proteomics_stat	836549	836602	+	2	5	K.QGIPLDAGSWQAICDAAR.Q	22
PSTAT+1976	proteomics_stat	849742	849801	+	1	2	A.ATSTVTGGYAQSDAQGMNK.M	24
PSTAT+1977	proteomics_stat	849823	849885	+	1	2	K.YRYEEDNSPLGVIGSFTYTEK.S	25
PSTAT+1978	proteomics_stat	849892	849957	+	1	2	R.TASSGDYNKNQYYGITAGPAYR.I	26
PSTAT+1979	proteomics_stat	852790	852843	+	1	2	R.DAEGMEHHVSEETLDAFR.L	22
PSTAT+1980	proteomics_stat	855321	855380	+	3	2	K.ILGGDLEPTLGNVSLDPNER.I	24
PSTAT+1981	proteomics_stat	855552	855587	+	3	2	K.YGEMDGYSAEAR.A	16
PSTAT+1982	proteomics_stat	855675	855761	+	3	6	R.VLLAQALFADPDILLDEPTNNLDIDTIR.W	33
PSTAT+1983	proteomics_stat	856458	856496	+	3	2	R.LLFSQDDIKKPAK.V	17
PSTAT+1984	proteomics_stat	856518	856616	+	3	2	K.GRMLFGKLMQKPNILIMDEPTNHLDMESIESL.N	37
PSTAT+1985	proteomics_stat	862973	863029	+	2	3	K.KPLDVVLPQLHEAMGGQGR.L	23
PSTAT+1986	proteomics_stat	863030	863086	+	2	2	R.LFAQVMATTAEGMVNDALK.L	23
PSTAT+1987	proteomics_stat	863165	863266	+	2	2	K.AEGIPTLTAVYGAQGLLSALAGAEYVAPYVNR.I	38
PSTAT+1988	proteomics_stat	863267	863326	+	2	2	R.IDAQGGSGIQTVDLHLQLLK.M	24
PSTAT+1989	proteomics_stat	865914	865964	+	3	4	K.MLEAGESALDVVTEAVR.L	21
PSTAT+1990	proteomics_stat	865965	866018	+	3	3	R.LLEECPLFNAGIGAVFTR.D	22
PSTAT+1991	proteomics_stat	866070	866102	+	3	4	K.AGAVAGVSHLR.N	15
PSTAT+1992	proteomics_stat	866124	866192	+	3	3	R.LVMEQSPHVMMIGEGAENFAFAR.G	27
PSTAT+1993	proteomics_stat	866262	866312	+	3	5	R.KEGATVLDHSGAPLDEK.Q	21
PSTAT+1994	proteomics_stat	866265	866312	+	3	2	K.EGATVLDHSGAPLDEK.Q	20
PSTAT+1995	proteomics_stat	867049	867138	+	1	5	R.GADMAMIFQEPMTSLNPVFTVGEQIAESIR.L	34
PSTAT+1996	proteomics_stat	867598	867633	+	1	3	R.RFPLISLEHPAK.Q	16
PSTAT+1997	proteomics_stat	868426	868464	+	1	3	R.KLLAAVPVAEPSR.Q	17
PSTAT+1998	proteomics_stat	868718	868801	+	2	2	K.DVVAVGVSNTTLDPYDANDTLSQAVAK.S	32
PSTAT+1999	proteomics_stat	868802	868843	+	2	2	K.SFYQGLFGLDKEMK.L	18
PSTAT+2000	proteomics_stat	868925	868963	+	2	2	K.FQDGTDFNAAAVK.A	17
PSTAT+2001	proteomics_stat	869066	869152	+	2	5	K.ITLKQPFSAFINILAHPATAMISPAALEK.Y	33
PSTAT+2002	proteomics_stat	869078	869152	+	2	4	K.QPFSAFINILAHPATAMISPAALEK.Y	29
PSTAT+2003	proteomics_stat	869321	869395	+	2	3	R.AAMLQTGEAQFAPPIPYEQATLLEK.N	29
PSTAT+2004	proteomics_stat	869402	869440	+	2	3	K.NIELMASPSIMQR.Y	17
PSTAT+2005	proteomics_stat	869441	869485	+	2	2	R.YISMNVTQKPFDPNK.V	19
PSTAT+2006	proteomics_stat	869492	869533	+	2	2	R.EALNYAINRPALVK.V	18
PSTAT+2007	proteomics_stat	869651	869719	+	2	4	K.EAGYPNGFSTTLWSSHNHSTAQK.V	27
PSTAT+2008	proteomics_stat	869720	869764	+	2	4	K.VLQFTQQQLAQVGIK.A	19
PSTAT+2009	proteomics_stat	872553	872609	+	3	2	K.IVVYHQEQVNGPLVDESGR.V	23
PSTAT+2010	proteomics_stat	874245	874289	+	3	2	R.ISIDDFGTGLSNLKR.F	19
PSTAT+2011	proteomics_stat	875104	875142	+	1	4	K.NGKPVGTGDEYNAK.N	17
PSTAT+2012	proteomics_stat	875344	875373	+	1	3	K.EAIINNHFER.V	14
PSTAT+2013	proteomics_stat	875374	875418	+	1	2	R.VLDGGLFFSAADVKK.L	19
PSTAT+2014	proteomics_stat	875419	875463	+	1	2	K.LYSMYNSAFLDDLTK.A	19

PSTAT+2015	proteomics_stat	875554	875604	+	1	3	K.NINDTFGHLLGDEVLMK.V	21
PSTAT+2016	proteomics_stat	880031	880069	+	2	9	A.AEQTV EAPSV DAR.A	17
PSTAT+2017	proteomics_stat	880103	880156	+	2	3	K.VLAEGNADEKLD PASLTK.I	22
PSTAT+2018	proteomics_stat	880103	880132	+	2	3	K.VLAEGNADEK.L	14
PSTAT+2019	proteomics_stat	880136	880156	+	2	2	R.DPASLTK.M	11
PSTAT+2020	proteomics_stat	880136	880156	+	2	2	R.DPASLTK.M	11
PSTAT+2021	proteomics_stat	880157	880192	+	2	5	K.IMTSYVVGQALK.A	16
PSTAT+2022	proteomics_stat	880208	880234	+	2	2	K.LTDMVTVGK.D	13
PSTAT+2023	proteomics_stat	880235	880267	+	2	2	K.DAWATGNPALR.G	15
PSTAT+2024	proteomics_stat	880268	880327	+	2	10	R.GSSVMFLKPGDQVSVADLNK.G	24
PSTAT+2025	proteomics_stat	880328	880429	+	2	8	K.GVIIQSGNDACIALADYVAGSQESFIGLMNGYAK.K	38
PSTAT+2026	proteomics_stat	880430	880504	+	2	19	K.KLGLTNTTTFQTVHGLDAPGQFSTAR.D	29
PSTAT+2027	proteomics_stat	880433	880504	+	2	8	K.LGLTNTTTFQTVHGLDAPGQFSTAR.D	28
PSTAT+2028	proteomics_stat	880526	880567	+	2	16	K.ALIHDVPEEYAIHK.E	18
PSTAT+2029	proteomics_stat	880568	880591	+	2	4	K.EKEFTFNK.I	12
PSTAT+2030	proteomics_stat	880616	880654	+	2	3	R.LLWSSNLNVDGMK.T	17
PSTAT+2031	proteomics_stat	880655	880717	+	2	5	K.TGTTAGAGYNLVASATQGDMR.L	25
PSTAT+2032	proteomics_stat	880799	880852	+	2	6	R.FFETVTPIKPDATFVTQR.V	22
PSTAT+2033	proteomics_stat	880871	880921	+	2	2	K.SEVNLGAGEAGSVTIPR.G	21
PSTAT+2034	proteomics_stat	880943	880990	+	2	9	K.ASYLTLEPQLTAPLKK.G	20
PSTAT+2035	proteomics_stat	890407	890442	+	1	3	I.MTPTIELICGHR.S	16
PSTAT+2036	proteomics_stat	890452	890487	+	1	7	R.HFTDEPISEAQR.E	16
PSTAT+2037	proteomics_stat	890512	890556	+	1	3	R.ATSSSSFLQCSSIIR.I	19
PSTAT+2038	proteomics_stat	890569	890610	+	1	5	K.ALREELVTLTGGQK.H	18
PSTAT+2039	proteomics_stat	890914	890964	+	1	5	R.LPASILVHENSYPQLDK.G	21
PSTAT+2040	proteomics_stat	890965	891015	+	1	5	K.GALAQYDEQLAEYYLTR.G	21
PSTAT+2041	proteomics_stat	891073	891108	+	1	4	K.ESRPFILDYLHK.Q	16
PSTAT+2042	proteomics_stat	893097	893159	+	3	4	K.TLHIYNWSDYIAPDTVANFEK.E	25
PSTAT+2043	proteomics_stat	893175	893219	+	3	5	K.VVYDVFDSNEVLEGGK.L	19
PSTAT+2044	proteomics_stat	893220	893279	+	3	4	K.LMAGSTGFDLVVPASFLER.Q	24
PSTAT+2045	proteomics_stat	893280	893315	+	3	2	R.QLTAGVFQPLDK.S	16
PSTAT+2046	proteomics_stat	893391	893444	+	3	5	K.FAMPYMWATTGIGYNVDK.V	22
PSTAT+2047	proteomics_stat	893451	893519	+	3	3	K.AVLGENAPVDSWDLILKPENLEK.L	27
PSTAT+2048	proteomics_stat	893526	893612	+	3	23	K.SCGVSFLDAPEEVFATVLNLYLGKDPNSTK.A	33
PSTAT+2049	proteomics_stat	893613	893654	+	3	2	K.ADDYTGPATDLLLK.L	18
PSTAT+2050	proteomics_stat	893817	893867	+	3	30	K.EGAMAFFDVFAMPADAK.N	21
PSTAT+2051	proteomics_stat	893868	893927	+	3	4	K.NKDEAYQFLNLYLLRPDVVAH.I	24
PSTAT+2052	proteomics_stat	893928	893963	+	3	2	H.ISDHVFYANANK.A	16
PSTAT+2053	proteomics_stat	903990	904025	+	3	4	R.EIAFEELGSQAR.A	16
PSTAT+2054	proteomics_stat	904532	904585	+	2	4	K.YFAPFEPAQIQALIPLAK.D	22
PSTAT+2055	proteomics_stat	916080	916139	+	3	2	R.SFLDKDGHPIIDVEDINDQAR.H	24
PSTAT+2056	proteomics_stat	916269	916313	+	3	5	R.ELSSHQPQLNSDGGQIR.Q	19
PSTAT+2057	proteomics_stat	917070	917132	+	3	3	R.EAEREHLTALPALDMEHFMYR.Q	25
PSTAT+2058	proteomics_stat	918237	918311	+	3	3	L.RKSDRLLRDSGDKVRSVSCDIFMK.S	29
PSTAT+2059	proteomics_stat	918875	918925	+	2	2	K.AVSQQDLDTAATEMAVK.Q	21
PSTAT+2060	proteomics_stat	919136	919183	+	2	2	K.AQVSEADV IHLKPGQK.A	20

PSTAT+2061	proteomics_stat	919514	919570	+	2	3	K.GLEAGDEVVIGEAKPGAAQ.-	23
PSTAT+2062	proteomics_stat	919852	919923	+	1	2	R.YHLLSHLTAEQNVEVPAVYAGLER.K	28
PSTAT+2063	proteomics_stat	920149	920205	+	1	4	R.GHTVIIVTHDPQVAAQAER.V	23
PSTAT+2064	proteomics_stat	920524	920565	+	1	3	K.DFGDDDPYQQALK.Y	18
PSTAT+2065	proteomics_stat	920593	920640	+	1	2	K.QPWVASATPAVSQNL.R.L	20
PSTAT+2066	proteomics_stat	922880	922915	+	2	4	R.LDVVNFISHGTR.K	16
PSTAT+2067	proteomics_stat	922919	922990	+	2	7	K.DEPTQSSDPGSQPNSEEQAGGEER.M	28
PSTAT+2068	proteomics_stat	922991	923029	+	2	2	R.MENFTTNLNLQLAR.V	17
PSTAT+2069	proteomics_stat	923108	923146	+	2	2	K.NNPLLVGESGVGK.T	17
PSTAT+2070	proteomics_stat	923177	923260	+	2	8	R.IVQGDVPEVMADCTIYSLDIGSLLAGTK.Y	32
PSTAT+2071	proteomics_stat	923438	923485	+	2	4	R.VIGSTTYQEFSNIFEK.D	20
PSTAT+2072	proteomics_stat	923516	923578	+	2	2	K.IDITEPSIEETVQIINGLKP.K.Y	25
PSTAT+2073	proteomics_stat	923678	923710	+	2	2	K.AIDVIDEAGAR.A	15
PSTAT+2074	proteomics_stat	923744	923782	+	2	2	K.TVNVADIESVVAR.I	17
PSTAT+2075	proteomics_stat	923804	923836	+	2	3	K.SVSQSDRDTLK.N	15
PSTAT+2076	proteomics_stat	923921	923989	+	2	9	R.AGLGHEHKPVGSFLFAGPTGVGK.T	27
PSTAT+2077	proteomics_stat	924083	924151	+	2	3	R.LIGAPPGYVGFQGGLLTDAVIK.H	27
PSTAT+2078	proteomics_stat	924152	924190	+	2	4	K.HPHAVLLLDEIEK.A	17
PSTAT+2079	proteomics_stat	924191	924262	+	2	7	K.AHPDVFNILLQVMDNGTLTDNNGR.K	28
PSTAT+2080	proteomics_stat	924626	924703	+	2	4	K.KPLANELLFGSLVDGGQVTVALDKEK.N	30
PSTAT+2081	proteomics_stat	924653	924739	+	2	5	F.GSLVDGGQVTVALDKEKNELTGFGQSAQK.H	33
PSTAT+2082	proteomics_stat	931869	931892	+	3	2	R.NILNELQK.D	12
PSTAT+2083	proteomics_stat	931902	931925	+	3	4	R.ISNVELSK.R	12
PSTAT+2084	proteomics_stat	931902	931928	+	3	6	R.ISNVELSKR.V	13
PSTAT+2085	proteomics_stat	931926	931961	+	3	4	K.RVGLSPTPCLER.V	16
PSTAT+2086	proteomics_stat	931929	931961	+	3	3	R.VGLSPTPCLER.V	15
PSTAT+2087	proteomics_stat	932070	932114	+	3	6	R.GAPDVFEQFNTAVQK.L	19
PSTAT+2088	proteomics_stat	932115	932171	+	3	23	K.LEEIQECHLVSGDFDYLLK.T	23
PSTAT+2089	proteomics_stat	932172	932201	+	3	10	K.TRVPDMSAYR.K	14
PSTAT+2090	proteomics_stat	932178	932201	+	3	3	R.VPDMSAYR.K	12
PSTAT+2091	proteomics_stat	932202	932228	+	3	5	R.KLLGETLLR.L	13
PSTAT+2092	proteomics_stat	932205	932228	+	3	5	K.LLGETLLR.L	12
PSTAT+2093	proteomics_stat	932229	932252	+	3	2	R.LPGVNDTR.T	12
PSTAT+2094	proteomics_stat	932253	932279	+	3	4	R.TYVMEEVK.Q	13
PSTAT+2095	proteomics_stat	936081	936122	+	3	8	P.RCRYVSMVLLFAIR.K	18
PSTAT+2096	proteomics_stat	936694	936726	+	1	6	K.VSSFHASFTQK.V	15
PSTAT+2097	proteomics_stat	936727	936783	+	1	6	K.VTDGSGAAVQEGQGDWVK.R	23
PSTAT+2098	proteomics_stat	936784	936849	+	1	17	K.RPNLFWHMTQPDESILVSDGK.T	26
PSTAT+2099	proteomics_stat	936943	936978	+	1	5	R.NQSSDWQYQYNIK.Q	16
PSTAT+2100	proteomics_stat	937057	937104	+	1	3	R.DGTIHQFSAVEQDDQR.S	20
PSTAT+2101	proteomics_stat	937156	937200	+	1	3	K.FTFTPPQGVTVDDQR.K	19
PSTAT+2102	proteomics_stat	937274	937345	+	2	3	R.MRPENLAQYIGQQHLLAAGKPLPR.A	28
PSTAT+2103	proteomics_stat	937346	937405	+	2	2	R.AIEAGHLHSMILWGPPGTGK.T	24
PSTAT+2104	proteomics_stat	937907	937948	+	2	2	R.VLKPELLTEIAGER.S	18
PSTAT+2105	proteomics_stat	938675	938701	+	2	2	R.NEPDAVAEK.L	13
PSTAT+2106	proteomics_stat	938714	938737	+	2	2	R.GFKLDVVDK.L	12

PSTAT+2107	proteomics_stat	938723	938758	+	2	2	K.LDVDKLGALEER.R	16
PSTAT+2108	proteomics_stat	938780	938803	+	2	3	K.TENLQAEER.N	12
PSTAT+2109	proteomics_stat	938837	938866	+	2	3	K.ARGEDIEPLR.L	14
PSTAT+2110	proteomics_stat	938837	938908	+	2	2	K.ARGEDIEPLRLEVKNLGEELDAAK.A	28
PSTAT+2111	proteomics_stat	938837	938881	+	2	8	K.ARGEDIEPLRLEVKN.L	19
PSTAT+2112	proteomics_stat	938882	938908	+	2	4	K.LGEELDAAK.A	13
PSTAT+2113	proteomics_stat	938882	938941	+	2	4	K.LGEELDAAKAELDALQAEIR.D	24
PSTAT+2114	proteomics_stat	938909	938941	+	2	3	K.AELDALQAEIR.D	15
PSTAT+2115	proteomics_stat	938942	939025	+	2	3	R.DIALTIPNLPADDEVVPGKDENDNVEVSR.W	32
PSTAT+2116	proteomics_stat	938942	938995	+	2	3	R.DIALTIPNLPADDEVVPGK.D	22
PSTAT+2117	proteomics_stat	938996	939025	+	2	3	K.DENDNVEVSR.W	14
PSTAT+2118	proteomics_stat	939062	939118	+	2	59	R.DHVTLGEMHSGLDFAAAVK.L	23
PSTAT+2119	proteomics_stat	939287	939391	+	2	8	K.FAGDLFHTRPLEEEADTSNYALIPTAEVPLTNLVR.G	39
PSTAT+2120	proteomics_stat	939392	939427	+	2	3	R.GEIIDEDDLPIK.M	16
PSTAT+2121	proteomics_stat	939500	939592	+	2	6	R.MHQFDKVMVQIVRPEDSMAALEEMTGHAEK.V	35
PSTAT+2122	proteomics_stat	939518	939592	+	2	4	K.VEMVQIVRPEDSMAALEEMTGHAEK.V	29
PSTAT+2123	proteomics_stat	939590	939622	+	2	4	E.KVLQLLGLPYR.K	15
PSTAT+2124	proteomics_stat	939593	939622	+	2	3	K.VLQLLGLPYR.K	14
PSTAT+2125	proteomics_stat	939593	939625	+	2	3	K.VLQLLGLPYR.K.I	15
PSTAT+2126	proteomics_stat	939668	939712	+	2	5	K.TYDLEVWIPAQNTYR.E	19
PSTAT+2127	proteomics_stat	939713	939754	+	2	2	R.EISSCSNVWDFQAR.R	18
PSTAT+2128	proteomics_stat	939800	939841	+	2	21	R.LVHTLNGSGLAVGR.T	18
PSTAT+2129	proteomics_stat	939842	939886	+	2	11	R.TLVAVMENYQQADGR.I	19
PSTAT+2130	proteomics_stat	939887	939940	+	2	8	R.IEVPEVLRPYMNGLEYIG.-	22
PSTAT+2131	proteomics_stat	948933	948977	+	3	3	R.HDSLTAHIADAIHQ.R.A	19
PSTAT+2132	proteomics_stat	956879	956935	+	2	39	M.AQIFNFSSGPAMLPAEVLK.Q	23
PSTAT+2133	proteomics_stat	956957	957001	+	2	13	R.DWNLGTSVMEVSHR.G	19
PSTAT+2134	proteomics_stat	956957	956998	+	2	3	R.DWNLGTSVMEVSH.R	18
PSTAT+2135	proteomics_stat	957002	957049	+	2	41	R.GKEFIQVAEEAEKDFR.D	20
PSTAT+2136	proteomics_stat	957002	957079	+	2	69	R.GKEFIQVAEEAEKDFRDLLNVPSNYK.V	30
PSTAT+2137	proteomics_stat	957002	957040	+	2	9	R.GKEFIQVAEEAEK.D	17
PSTAT+2138	proteomics_stat	957008	957079	+	2	9	K.EFIQVAEEAEKDFRDLLNVPSNYK.V	28
PSTAT+2139	proteomics_stat	957008	957049	+	2	7	K.EFIQVAEEAEKDFR.D	18
PSTAT+2140	proteomics_stat	957050	957079	+	2	7	R.DLLNVPSNYK.V	14
PSTAT+2141	proteomics_stat	957107	957199	+	2	43	R.GQFAAVPLNILGDKTTADYVDAGYWAASAIK.E	35
PSTAT+2142	proteomics_stat	957107	957148	+	2	8	R.GQFAAVPLNILGDK.T	18
PSTAT+2143	proteomics_stat	957149	957199	+	2	10	K.TTADYVDAGYWAASAIK.E	21
PSTAT+2144	proteomics_stat	957209	957241	+	2	28	K.KYCTPNVFDK.V	15
PSTAT+2145	proteomics_stat	957440	957469	+	2	7	R.YGVYAGAQQ.N	14
PSTAT+2146	proteomics_stat	957470	957508	+	2	10	K.NIGPAGLTIVIVR.E	17
PSTAT+2147	proteomics_stat	957470	957526	+	2	45	K.NIGPAGLTIVIVREDLLGK.A	23
PSTAT+2148	proteomics_stat	957647	957691	+	2	14	K.ANGGVAEMDKINQQK.A	19
PSTAT+2149	proteomics_stat	957647	957676	+	2	3	K.ANGGVAEMDK.I	14
PSTAT+2150	proteomics_stat	957692	957736	+	2	83	K.AELLYGVIDNSDFYR.N	19
PSTAT+2151	proteomics_stat	957767	957814	+	2	2	R.MNVPFQLADSALDKLF.L	20
PSTAT+2152	proteomics_stat	957767	957853	+	2	309	R.MNVPFQLADSALDKLFLEESFAAGLHALK.G	33

PSTAT+2153	proteomics_stat	957809	957853	+	2	17	K.LFLEESFAAGLHALK.G	19
PSTAT+2154	proteomics_stat	957815	957853	+	2	2	F.LEESFAAGLHALK.G	17
PSTAT+2155	proteomics_stat	957881	957919	+	2	6	R.ASIYNAMPLEGVK.A	17
PSTAT+2156	proteomics_stat	957920	957952	+	2	10	K.ALTDFMVEFER.R	15
PSTAT+2157	proteomics_stat	958068	958100	+	3	2	R.VDGTINLPGSK.S	15
PSTAT+2158	proteomics_stat	958071	958100	+	3	2	V.DGTINLPGSK.S	14
PSTAT+2159	proteomics_stat	958116	958148	+	3	6	R.ALLLAALAHGK.T	15
PSTAT+2160	proteomics_stat	958149	958187	+	3	3	K.TVLTNLLDSDDVR.H	17
PSTAT+2161	proteomics_stat	958188	958244	+	3	17	R.HMLNALTALGVSYTLSADR.T	23
PSTAT+2162	proteomics_stat	958452	958490	+	3	4	K.ITYLEQENYPPLR.L	17
PSTAT+2163	proteomics_stat	958605	958661	+	3	8	R.IKGDVSKPYIDITLNLTK.T	23
PSTAT+2164	proteomics_stat	958662	958712	+	3	3	K.TFGVEIENQHYQQFVVK.G	21
PSTAT+2165	proteomics_stat	958713	958802	+	3	15	K.GGQSYQSPGYLVEGDASSASYFLAAAAIK.G	34
PSTAT+2166	proteomics_stat	958836	958859	+	3	2	R.NSMQGDIF.F	12
PSTAT+2167	proteomics_stat	958929	959012	+	3	26	R.GELNAIDMDMNHIPDAAMTIATAALFAK.G	32
PSTAT+2168	proteomics_stat	959094	959135	+	3	11	R.KVGAEVEEGHDYIR.I	18
PSTAT+2169	proteomics_stat	959097	959135	+	3	5	K.VGAEVEEGHDYIR.I	17
PSTAT+2170	proteomics_stat	959154	959192	+	3	3	K.LNFAEIATYNDHR.M	17
PSTAT+2171	proteomics_stat	959268	959300	+	3	2	K.TFPDYFEQLAR.I	15
PSTAT+2172	proteomics_stat	960493	960546	+	1	4	K.AMAEALQWHLLDGAIYR.V	22
PSTAT+2173	proteomics_stat	960700	960747	+	1	7	R.TQEVANAASQVAAPFR.V	20
PSTAT+2174	proteomics_stat	960787	960816	+	1	2	R.ELPGLIADGR.D	14
PSTAT+2175	proteomics_stat	960817	960855	+	1	2	R.DMGTVVFPDAPVK.I	17
PSTAT+2176	proteomics_stat	960988	961068	+	1	19	R.AVAPLVPAADALVLDSTTLSIEQVIEK.A	31
PSTAT+2177	proteomics_stat	961218	961292	+	3	61	N.MTESFAQLFEESLKEIETRPGSIVR.G	29
PSTAT+2178	proteomics_stat	961218	961259	+	3	17	N.MTESFAQLFEESLK.E	18
PSTAT+2179	proteomics_stat	961221	961292	+	3	47	M.TESFAQLFEESLKEIETRPGSIVR.G	28
PSTAT+2180	proteomics_stat	961221	961259	+	3	6	M.TESFAQLFEESLK.E	17
PSTAT+2181	proteomics_stat	961260	961292	+	3	2	K.EIETRPGSIVR.G	15
PSTAT+2182	proteomics_stat	961293	961346	+	3	94	R.GVVVAIDKDVVLVDAGLK.S	22
PSTAT+2183	proteomics_stat	961293	961379	+	3	79	R.GVVVAIDKDVVLVDAGLKSESAIPAEQFK.N	33
PSTAT+2184	proteomics_stat	961317	961346	+	3	2	K.DVVLVDAGLK.S	14
PSTAT+2185	proteomics_stat	961323	961379	+	3	7	V.VLVDAGLKSESAIPAEQFK.N	23
PSTAT+2186	proteomics_stat	961347	961379	+	3	3	K.SESAIPAEQFK.N	15
PSTAT+2187	proteomics_stat	961380	961475	+	3	237	K.NAQGELEIQVGDEVDVALDAVEDGFGETLLSR.E	36
PSTAT+2188	proteomics_stat	961488	961517	+	3	27	K.RHEAWITLAK.A	14
PSTAT+2189	proteomics_stat	961491	961517	+	3	11	R.HEAWITLAK.A	13
PSTAT+2190	proteomics_stat	961518	961562	+	3	30	K.AYEDAETVTGVINGK.V	19
PSTAT+2191	proteomics_stat	961524	961562	+	3	2	Y.EDAETVTGVINGK.V	17
PSTAT+2192	proteomics_stat	961563	961601	+	3	27	K.VKGGFTVELNGIR.A	17
PSTAT+2193	proteomics_stat	961566	961601	+	3	4	V.KGGFTVELNGIR.A	16
PSTAT+2194	proteomics_stat	961569	961601	+	3	9	K.GGFTVELNGIR.A	15
PSTAT+2195	proteomics_stat	961602	961643	+	3	8	R.AFLPGSLVDVRPVR.D	18
PSTAT+2196	proteomics_stat	961644	961667	+	3	4	R.DTLHLEGGK.E	12
PSTAT+2197	proteomics_stat	961728	961805	+	3	15	R.RAVIESENSAERDQLLENLQEGMEVK.G	30
PSTAT+2198	proteomics_stat	961728	961763	+	3	12	R.RAVIESENSAER.D	16

PSTAT+2199	proteomics_stat	961728	961847	+	3	3	R.RAVIESENSAERDQLENLQEGMEVKGIVKNLTDYGAFVD.L	44
PSTAT+2200	proteomics_stat	961731	961805	+	3	30	R.AVIESENSAERDQLENLQEGMEVK.G	29
PSTAT+2201	proteomics_stat	961731	961763	+	3	7	R.AVIESENSAER.D	15
PSTAT+2202	proteomics_stat	961734	961763	+	3	2	A.VIESENSAER.D	14
PSTAT+2203	proteomics_stat	961764	961805	+	3	13	R.DQLENLQEGMEVK.G	18
PSTAT+2204	proteomics_stat	961818	961895	+	3	114	K.NLTDYGAFVDLGGVDGLLHITDMAWK.R	30
PSTAT+2205	proteomics_stat	961821	961895	+	3	2	N.LTDYGAFVDLGGVDGLLHITDMAWK.R	29
PSTAT+2206	proteomics_stat	961899	961949	+	3	38	R.VKHPSEIVNVGDEITVK.V	21
PSTAT+2207	proteomics_stat	961905	961949	+	3	23	K.HPSEIVNVGDEITVK.V	19
PSTAT+2208	proteomics_stat	961998	962033	+	3	2	K.QLGEDPWVAIAK.R	16
PSTAT+2209	proteomics_stat	962067	962159	+	3	91	R.VTNLTDYGCVFVEIEEGVEGLVHVSEMDWTNK.N	35
PSTAT+2210	proteomics_stat	962178	962234	+	3	479	K.VVNVGDVVEVMVLDIDEER.R	23
PSTAT+2211	proteomics_stat	962178	962240	+	3	2	K.VVNVGDVVEVMVLDIDEERRR.I	25
PSTAT+2212	proteomics_stat	962268	962327	+	3	4	K.ANPWQQFAETHNKGDRVEGK.I	24
PSTAT+2213	proteomics_stat	962268	962306	+	3	20	K.ANPWQQFAETHNK.G	17
PSTAT+2214	proteomics_stat	962448	962495	+	3	86	K.KGDEIAAVVLQVDAER.E	20
PSTAT+2215	proteomics_stat	962448	962501	+	3	24	K.KGDEIAAVVLQVDAERER.I	22
PSTAT+2216	proteomics_stat	962517	962564	+	3	9	V.KQLAEDPFNNWVALNK.K	20
PSTAT+2217	proteomics_stat	962520	962567	+	3	6	K.QLAEDPFNNWVALNKK.G	20
PSTAT+2218	proteomics_stat	962520	962564	+	3	7	K.QLAEDPFNNWVALNK.K	19
PSTAT+2219	proteomics_stat	962589	962609	+	3	4	K.VTAVDAK.G	11
PSTAT+2220	proteomics_stat	962610	962654	+	3	57	K.GATVELADGVEGYLR.A	19
PSTAT+2221	proteomics_stat	962673	962729	+	3	74	R.DRVEDATLVLSVGDEVEAK.F	23
PSTAT+2222	proteomics_stat	962679	962729	+	3	15	R.VEDATLVLSVGDEVEAK.F	21
PSTAT+2223	proteomics_stat	962778	962825	+	3	22	R.AKDEADEKDAIATVNK.Q	20
PSTAT+2224	proteomics_stat	962778	962873	+	3	27	R.AKDEADEKDAIATVNBKQEDANFSNNAMAEAFK.A	36
PSTAT+2225	proteomics_stat	962802	962873	+	3	4	K.DAIATVNBKQEDANFSNNAMAEAFK.A	28
PSTAT+2226	proteomics_stat	962802	962825	+	3	3	K.DAIATVNBK.Q	12
PSTAT+2227	proteomics_stat	962826	962873	+	3	5	K.QEDANFSNNAMAEAFK.A	20
PSTAT+2228	proteomics_stat	963078	963110	+	3	14	R.LATQQSHIPAK.T	15
PSTAT+2229	proteomics_stat	963081	963110	+	3	4	L.ATQQSHIPAK.T	14
PSTAT+2230	proteomics_stat	963084	963110	+	3	3	A.TQQSHIPAK.T	13
PSTAT+2231	proteomics_stat	963111	963176	+	3	14	K.TVEDAVKEMLEHMASTLAQGER.I	26
PSTAT+2232	proteomics_stat	963132	963176	+	3	13	K.EMLEHMASTLAQGER.I	19
PSTAT+2233	proteomics_stat	963135	963176	+	3	3	E.MLEHMASTLAQGER.I	18
PSTAT+2234	proteomics_stat	963189	963218	+	3	5	R.GFGSFLHYR.A	14
PSTAT+2235	proteomics_stat	963246	963275	+	3	15	K.TGDKVELEGK.Y	14
PSTAT+2236	proteomics_stat	966426	966479	+	3	2	K.NMQNTMGQVTTSAEQMLK.G	22
PSTAT+2237	proteomics_stat	966774	966842	+	3	3	R.GMAACQLFTILDSEQEKDEGKR.V	27
PSTAT+2238	proteomics_stat	967092	967166	+	3	6	R.NQVALVSQNVHLFNDTVANNIAYAR.T	29
PSTAT+2239	proteomics_stat	967239	967301	+	3	2	K.MDNGLDVTIGENGVLSSGGQR.Q	25
PSTAT+2240	proteomics_stat	967335	967394	+	3	3	R.DSPILILDEATSALDTESEER.A	24
PSTAT+2241	proteomics_stat	969986	970048	+	2	5	K.LDNLAFPLRDGIPVLLTEAR.V	25
PSTAT+2242	proteomics_stat	970049	970075	+	2	2	R.VLTADESKS.-	13
PSTAT+2243	proteomics_stat	970207	970242	+	1	3	R.IIVATDHEDVAR.A	16
PSTAT+2244	proteomics_stat	970330	970404	+	1	2	K.CAFSDDTVIVNVQGDPEMIPATIIR.Q	29



PSTAT+2245	proteomics_stat	970432	970503	+	1	3	R.QVGMATLAVPIHNAEEAFNPNAVK.V	28
PSTAT+2246	proteomics_stat	970735	970800	+	1	3	K.IHVAVAQEVPGTGVDPEDLER.V	26
PSTAT+2247	proteomics_stat	971188	971256	+	1	3	R.MPTIYGVMTHEEHPGPDVLLLER.M	27
PSTAT+2248	proteomics_stat	974247	974294	+	3	2	R.IQDATMTHDDLHFVDR.L	20
PSTAT+2249	proteomics_stat	974544	974606	+	3	2	R.DEEVTGELPEDLEYEEFNIR.E	25
PSTAT+2250	proteomics_stat	974835	974861	+	3	2	K.VQAHVIDKY.-	13
PSTAT+2251	proteomics_stat	974884	974937	+	1	3	K.LAQALANPLFPALDSALR.S	22
PSTAT+2252	proteomics_stat	975169	975240	+	1	7	R.LANEGIFTQQELYDELLTLADEAK.L	28
PSTAT+2253	proteomics_stat	975463	975546	+	1	9	R.DGEAMPIENHLQLNDETEENQPDSGEEE.-	32
PSTAT+2254	proteomics_stat	975732	975767	+	3	2	R.NTTEAGATSGSR.D	16
PSTAT+2255	proteomics_stat	975795	975836	+	3	2	K.AGVCYSMLDTINSR.H	18
PSTAT+2256	proteomics_stat	975891	975977	+	3	10	R.KVDIKPFAIQGLPMSVQPTQLVTETLNER.Q	33
PSTAT+2257	proteomics_stat	975894	975977	+	3	4	K.VDIKPFQGLPMSVQPTQLVTETLNER.Q	32
PSTAT+2258	proteomics_stat	975987	976046	+	3	4	R.VLPLNELKDKLEAMEGVQFK.Q	24
PSTAT+2259	proteomics_stat	976329	976376	+	3	7	K.HLISEATNYVAADYMR.H	20
PSTAT+2260	proteomics_stat	976785	976823	+	3	2	R.AIQYNQAIALNR.A	17
PSTAT+2261	proteomics_stat	977076	977105	+	3	8	R.HLAEQVQPLR.M	14
PSTAT+2262	proteomics_stat	977133	977159	+	3	4	R.LREQQEAER.L	13
PSTAT+2263	proteomics_stat	977169	977243	+	3	2	A.DFCKRQGNFIDIDELEALHQELEAR.I	29
PSTAT+2264	proteomics_stat	977193	977243	+	3	5	K.NFDIDELEALHQELEAR.I	21
PSTAT+2265	proteomics_stat	977244	977279	+	3	2	R.IASLSDSVSNAR.E	16
PSTAT+2266	proteomics_stat	977289	977327	+	3	4	R.MALRQEQLQSR.I	17
PSTAT+2267	proteomics_stat	977301	977327	+	3	2	R.QEQEQLQSR.I	13
PSTAT+2268	proteomics_stat	977469	977504	+	3	2	R.EAIVERDEVGAR.K	16
PSTAT+2269	proteomics_stat	977505	977534	+	3	4	R.KNAVDEEIER.L	14
PSTAT+2270	proteomics_stat	977589	977675	+	3	6	R.FGGVLLSEIYDDVSLEDAPYFSALYGPSR.H	33
PSTAT+2271	proteomics_stat	977907	977930	+	3	3	R.IESLHAER.E	12
PSTAT+2272	proteomics_stat	978009	978065	+	3	3	R.FIGSHLAVAFESDPEAEIR.Q	23
PSTAT+2273	proteomics_stat	978099	978137	+	3	3	R.ALSNHENDNQQQR.I	17
PSTAT+2274	proteomics_stat	978246	978278	+	3	4	R.ERLDEAQEAAR.F	15
PSTAT+2275	proteomics_stat	978252	978278	+	3	3	R.LDEAQEAAR.F	13
PSTAT+2276	proteomics_stat	978411	978446	+	3	2	R.QQAFALTEVVQR.R	16
PSTAT+2277	proteomics_stat	978450	978512	+	3	3	R.AHFSYSDSAEMLSGNSDLNEK.L	25
PSTAT+2278	proteomics_stat	978573	978623	+	3	21	R.GHAAQLSQYNQVLASLK.S	21
PSTAT+2279	proteomics_stat	978732	978764	+	3	2	R.DELHAQLSNNR.S	15
PSTAT+2280	proteomics_stat	979023	979052	+	3	2	R.LAVADNEHLR.D	14
PSTAT+2281	proteomics_stat	979161	979211	+	3	2	R.TDDPVEAIEQMEIELSR.L	21
PSTAT+2282	proteomics_stat	979317	979370	+	3	3	R.MLNQGLQNVSFGQVNSVR.L	22
PSTAT+2283	proteomics_stat	980495	980572	+	2	2	R.TQIESQLPAGYKPVYLNQLQLLYAAR.D	30
PSTAT+2284	proteomics_stat	980990	981037	+	2	2	K.ATLRPGQWSNDVPALR.E	20
PSTAT+2285	proteomics_stat	981251	981304	+	2	3	R.FQAWQGLGADGAIGPATR.D	22
PSTAT+2286	proteomics_stat	981761	981823	+	2	5	K.FNMPSEAIYLDHTPNHNLFK.R	25
PSTAT+2287	proteomics_stat	981971	982027	+	2	2	R.QSIPVNLYYLTAFVGDGR.T	23
PSTAT+2288	proteomics_stat	982945	982983	+	1	4	R.LAALVDPGGDAEK.I	17
PSTAT+2289	proteomics_stat	983368	983406	+	1	3	R.GDHNQLISSIKDK.L	17
PSTAT+2290	proteomics_stat	983368	983400	+	1	2	R.GDHNQLISSIK.D	15

PSTAT+2291	proteomics_stat	983479	983517	+	1	2	R.LHNPFLQDEMPVW.-	17
PSTAT+2292	proteomics_stat	989887	989943	+	1	2	R.APDYQITDIDLTFDLDAQK.T	23
PSTAT+2293	proteomics_stat	989944	989976	+	1	5	K.TVVAVSQAVR.H	15
PSTAT+2294	proteomics_stat	989977	990024	+	1	3	R.HGASDAPLRLNGEDLK.L	20
PSTAT+2295	proteomics_stat	989977	990003	+	1	4	R.HGASDAPLR.L	13
PSTAT+2296	proteomics_stat	990223	990264	+	1	2	R.HITYYLDLDRPDVLAR.F	18
PSTAT+2297	proteomics_stat	990277	990327	+	1	5	K.IIADKIKYPFLLSNGNR.V	21
PSTAT+2298	proteomics_stat	990292	990327	+	1	10	K.IKYPFLLSNGNR.V	16
PSTAT+2299	proteomics_stat	990298	990327	+	1	2	K.YPFLLSNGNR.V	14
PSTAT+2300	proteomics_stat	990328	990357	+	1	4	R.VAQGELENGR.H	14
PSTAT+2301	proteomics_stat	990682	990723	+	1	3	R.TDTATDKDYLDIER.V	18
PSTAT+2302	proteomics_stat	990724	990765	+	1	5	R.VIGHEYFHNWTGNR.V	18
PSTAT+2303	proteomics_stat	990823	990855	+	1	11	R.DQEFSSDLGSR.A	15
PSTAT+2304	proteomics_stat	991012	991050	+	1	13	R.MIHTLLGEENFQK.G	17
PSTAT+2305	proteomics_stat	991051	991074	+	1	2	K.GMQLYFER.H	12
PSTAT+2306	proteomics_stat	991075	991155	+	1	12	R.HDGSAATCDDFVQAMEDASNVDSLHFR.R	31
PSTAT+2307	proteomics_stat	991159	991197	+	1	2	R.WYSQSGTPIVTVK.D	17
PSTAT+2308	proteomics_stat	991198	991248	+	1	9	K.DDYNPETEQYTLTISR.T	21
PSTAT+2309	proteomics_stat	991249	991329	+	1	3	R.TPATPDQAEKQPLHIPFAIELYDNEGK.V	31
PSTAT+2310	proteomics_stat	991249	991278	+	1	7	R.TPATPDQAEK.Q	14
PSTAT+2311	proteomics_stat	991279	991329	+	1	2	K.QPLHIPFAIELYDNEGK.V	21
PSTAT+2312	proteomics_stat	991537	991575	+	1	2	R.WDAAQSLLATYIK.L	17
PSTAT+2313	proteomics_stat	991591	991644	+	1	4	R.HQQGQPLSLPVHVADAFR.A	22
PSTAT+2314	proteomics_stat	991666	991767	+	1	2	K.IDPALAAEILTPSVNEMAELFDIIDPIAIAEVR.E	38
PSTAT+2315	proteomics_stat	991702	991767	+	1	4	L.PSVNEMAELFDIIDPIAIAEVR.E	26
PSTAT+2316	proteomics_stat	991783	991851	+	1	27	R.TLATELADELLAIYNANYQSEYR.V	27
PSTAT+2317	proteomics_stat	991783	991875	+	1	3	R.TLATELADELLAIYNANYQSEYRVEHEDIAK.R	35
PSTAT+2318	proteomics_stat	991852	991878	+	1	4	R.VEHEDIAKR.T	13
PSTAT+2319	proteomics_stat	991852	991875	+	1	3	R.VEHEDIAK.R	12
PSTAT+2320	proteomics_stat	991903	991950	+	1	11	R.FLAFGETHLADVLVSK.Q	20
PSTAT+2321	proteomics_stat	991951	992028	+	1	6	K.QFHEANNMTDALAALSAVAAQLPCR.D	30
PSTAT+2322	proteomics_stat	992029	992088	+	1	2	R.DALMQEYDDKWHQNGLVMDK.W	24
PSTAT+2323	proteomics_stat	992089	992142	+	1	14	K.WFILQATSPAANVLETVR.G	22
PSTAT+2324	proteomics_stat	992161	992187	+	1	4	R.SFTMSNPNR.I	13
PSTAT+2325	proteomics_stat	992290	992340	+	1	2	L.NSRNPQVASRLIEPLIR.L	21
PSTAT+2326	proteomics_stat	992401	992436	+	1	2	K.GLENLSGDLYEK.I	16
PSTAT+2327	proteomics_stat	1004042	1004071	+	2	9	R.AHEFTFQQLR.R	14
PSTAT+2328	proteomics_stat	1004072	1004107	+	2	2	R.RITGTPFEALVR.Q	16
PSTAT+2329	proteomics_stat	1004327	1004377	+	2	2	R.MGFNNLGVNDLVENVKK.A	21
PSTAT+2330	proteomics_stat	1004327	1004374	+	2	4	R.MGFNNLGVNDLVENVK.K	20
PSTAT+2331	proteomics_stat	1004378	1004416	+	2	9	K.AHYDGVLGINIGK.N	17
PSTAT+2332	proteomics_stat	1004417	1004473	+	2	6	K.NKDTPEVQGGDDYLICMEK.I	23
PSTAT+2333	proteomics_stat	1004537	1004584	+	2	6	R.TLQYGEALDDLLTAIK.N	20
PSTAT+2334	proteomics_stat	1004642	1004698	+	2	9	K.IAPDLSEELIQVADSLVR.H	23
PSTAT+2335	proteomics_stat	1004699	1004743	+	2	11	R.HNIDGVIATNTTLDR.S	19
PSTAT+2336	proteomics_stat	1004765	1004812	+	2	4	K.NCDQTGGLSGRPLQLK.S	20

PSTAT+2337	proteomics_stat	1004858	1004905	+	2	2	R.LPIIGVGGIDSVIAAR.E	20
PSTAT+2338	proteomics_stat	1005355	1005432	+	1	11	F.EEKCRDFNLSKEQKAELVLNALVAIR.Y	30
PSTAT+2339	proteomics_stat	1007811	1007864	+	3	3	R.KGLAEYSSHFGSDSDAR.V	22
PSTAT+2340	proteomics_stat	1007967	1008011	+	3	3	K.GPYGTVLSNPPYGER.L	19
PSTAT+2341	proteomics_stat	1008192	1008260	+	3	9	K.NYHVAESTPDSKPAMVAEDYTNR.L	27
PSTAT+2342	proteomics_stat	1008324	1008368	+	3	2	R.LYDADLPEYNVAVDR.Y	19
PSTAT+2343	proteomics_stat	1009553	1009600	+	2	3	K.VQEQLDHHNLWQLENR.I	20
PSTAT+2344	proteomics_stat	1009601	1009675	+	2	2	R.INEVLAQLGLDPNVALSSLSGGWLR.K	29
PSTAT+2345	proteomics_stat	1010360	1010410	+	2	2	R.AELDPDKTVMDNLAEGK.Q	21
PSTAT+2346	proteomics_stat	1010768	1010812	+	2	5	R.GQQEQYVALKQPAVK.K	19
PSTAT+2347	proteomics_stat	1010891	1010935	+	2	2	R.ELEQLPQLLEDLEAK.L	19
PSTAT+2348	proteomics_stat	1010936	1011004	+	2	2	K.LEALQTQVADASFFSQPHEQTQK.V	27
PSTAT+2349	proteomics_stat	1013028	1013069	+	3	2	R.VGSVETSTFDTQKR.N	18
PSTAT+2350	proteomics_stat	1013142	1013183	+	3	3	K.DSGIAVDLTSAGMR.V	18
PSTAT+2351	proteomics_stat	1013742	1013828	+	3	2	R.LMEALDKINKLPLNPMIEQATSTLSESQR.T	33
PSTAT+2352	proteomics_stat	1013763	1013828	+	3	3	K.INKLPLNPMIEQATSTLSESQR.T	26
PSTAT+2353	proteomics_stat	1014509	1014559	+	2	3	K.VIVSGEWLLNHQGLIK.R	21
PSTAT+2354	proteomics_stat	1014572	1014616	+	2	3	R.LEGVQTQDGYDEMVK.V	19
PSTAT+2355	proteomics_stat	1014617	1014670	+	2	4	K.VLAGVWSQEAAISIAQEIK.R	22
PSTAT+2356	proteomics_stat	1017714	1017749	+	3	2	K.YQQLENLESGWK.W	16
PSTAT+2357	proteomics_stat	1018047	1018100	+	3	2	K.TLSETIVQLIEDAENKEK.Y	22
PSTAT+2358	proteomics_stat	1022106	1022129	+	3	2	S.KNPSVLSK.S	12
PSTAT+2359	proteomics_stat	1024486	1024512	+	1	2	R.LHTEDITOR.T	13
PSTAT+2360	proteomics_stat	1024894	1024965	+	1	2	K.GALKAENAVDFSGLIHQAIIVILEK.G	28
PSTAT+2361	proteomics_stat	1024906	1024965	+	1	8	K.AENAVDFSGLIHQAIIVILEK.G	24
PSTAT+2362	proteomics_stat	1024990	1025031	+	1	4	K.HILVDEFQDISPQR.A	18
PSTAT+2363	proteomics_stat	1027271	1027315	+	2	3	K.YLLDQGYHVIPVSPK.V	19
PSTAT+2364	proteomics_stat	1027346	1027402	+	2	7	K.GYGTADVPEKVDMDVDVFR.N	23
PSTAT+2365	proteomics_stat	1027403	1027456	+	2	10	R.NSEAAWGVAQEAIAGAK.T	22
PSTAT+2366	proteomics_stat	1027457	1027510	+	2	49	K.TLWMQLGVINEQAVALR.D	22
PSTAT+2367	proteomics_stat	1027511	1027540	+	2	6	R.DAGLNVVMDR.C	14
PSTAT+2368	proteomics_stat	1029398	1029457	+	2	9	K.NLDDGSVEVVACGEEGQVEK.L	24
PSTAT+2369	proteomics_stat	1029509	1029556	+	2	10	R.VLSEPHHPSGELTDFR.I	20
PSTAT+2370	proteomics_stat	1039978	1040034	+	1	3	K.ATQLMQDVTTPDAWPTWPK.L	23
PSTAT+2371	proteomics_stat	1040347	1040382	+	1	3	R.AGGSIADFTGHR.Q	16
PSTAT+2372	proteomics_stat	1044511	1044552	+	1	5	R.FLRSERRDADIDLR.A	18
PSTAT+2373	proteomics_stat	1051371	1051400	+	3	4	K.NTGKEVSEIR.F	14
PSTAT+2374	proteomics_stat	1051413	1051448	+	3	5	R.EKMTGLESYDVK.I	16
PSTAT+2375	proteomics_stat	1051413	1051448	+	3	5	R.EKMTGLESYDVK.I	16
PSTAT+2376	proteomics_stat	1051419	1051448	+	3	3	K.MTGLESYDVK.I	14
PSTAT+2377	proteomics_stat	1051419	1051448	+	3	3	K.MTGLESYDVK.I	14
PSTAT+2378	proteomics_stat	1064874	1064924	+	3	3	A.QTVPEGYQLQQVLMMSR.H	21
PSTAT+2379	proteomics_stat	1064937	1064987	+	3	2	R.APLANNGSVLEQSTPNK.W	21
PSTAT+2380	proteomics_stat	1065099	1065155	+	3	3	K.SGECPPPYTVYAYANSLQR.T	23
PSTAT+2381	proteomics_stat	1065156	1065230	+	3	15	R.TVATAQFFITGAFPGCDIPVHHQEK.M	29
PSTAT+2382	proteomics_stat	1065231	1065317	+	3	14	K.MGMTDPTFNPVITDDSAAFSEQAVAAMEK.E	33

PSTAT+2383	proteomics_stat	1065330	1065365	+	3	2	K.LQLTDSYQLLEK.I	16
PSTAT+2384	proteomics_stat	1065366	1065398	+	3	5	K.IVNYKDSPACK.E	15
PSTAT+2385	proteomics_stat	1065399	1065431	+	3	5	K.EKQQCSLV DGK.N	15
PSTAT+2386	proteomics_stat	1065450	1065485	+	3	4	K.YQQEPGVSGPLK.V	16
PSTAT+2387	proteomics_stat	1065486	1065569	+	3	7	K.VGNSLVDAFTLQYYEGFPM DQVAWGEIK.S	32
PSTAT+2388	proteomics_stat	1065600	1065650	+	3	4	K.LKNGYQDSLFTSPEVAR.N	21
PSTAT+2389	proteomics_stat	1065606	1065650	+	3	3	K.NGYQDSLFTSPEVAR.N	19
PSTAT+2390	proteomics_stat	1065651	1065686	+	3	9	R.NVAKPLVSYIDK.A	16
PSTAT+2391	proteomics_stat	1065720	1065812	+	3	9	K.ITVLVGHDSNIASLLTALDFKPYQLHDQNER.T	35
PSTAT+2392	proteomics_stat	1065882	1065917	+	3	2	K.IEYVYQSAEQLR.N	16
PSTAT+2393	proteomics_stat	1065918	1065956	+	3	7	R.NADALTLQAPAQR.V	17
PSTAT+2394	proteomics_stat	1071107	1071178	+	2	26	V.DFVNRGVIFPVGNKDAVEGHIRHR.A	28
PSTAT+2395	proteomics_stat	1074032	1074073	+	2	2	R.DEVFFNQTVENVQR.I	18
PSTAT+2396	proteomics_stat	1079977	1080021	+	1	7	R.FAEADAHYHSAPPSR.L	19
PSTAT+2397	proteomics_stat	1081565	1081621	+	2	2	K.VTVTDKQCEPMTITVNAGK.T	23
PSTAT+2398	proteomics_stat	1081583	1081621	+	2	3	K.QCEPMTITVNAGK.T	17
PSTAT+2399	proteomics_stat	1081622	1081654	+	2	11	K.TQFIIQNHSQK.A	15
PSTAT+2400	proteomics_stat	1081679	1081702	+	2	2	K.GVMVVEER.E	12
PSTAT+2401	proteomics_stat	1081814	1081885	+	2	3	K.GEATADAAQSDALLSLGGAITAYK.A	28
PSTAT+2402	proteomics_stat	1081886	1081930	+	2	5	K.AYVMAETTQLVTDTK.A	19
PSTAT+2403	proteomics_stat	1082012	1082065	+	2	13	R.IEPIAELFSDLDGSDAR.E	22
PSTAT+2404	proteomics_stat	1082156	1082209	+	2	5	K.GMDQYAEQLYTDVVDLQK.R	22
PSTAT+2405	proteomics_stat	1082243	1082290	+	2	3	K.VVGGAAGLIEEVAASK.I	20
PSTAT+2406	proteomics_stat	1082366	1082398	+	2	4	K.IVDLLRPQLQK.A	15
PSTAT+2407	proteomics_stat	1082441	1082464	+	2	5	K.KVDTILAK.Y	12
PSTAT+2408	proteomics_stat	1082471	1082518	+	2	7	R.TKDGFEYDKLTDADR.N	20
PSTAT+2409	proteomics_stat	1082471	1082500	+	2	2	R.TKDGFEYDK.L	14
PSTAT+2410	proteomics_stat	1082477	1082518	+	2	3	K.DGFETYDKLTDADR.N	18
PSTAT+2411	proteomics_stat	1082477	1082500	+	2	2	K.DGFETYDK.L	12
PSTAT+2412	proteomics_stat	1082519	1082572	+	2	24	R.NALKGPIALAEQLR.G	22
PSTAT+2413	proteomics_stat	1082890	1082943	+	1	2	R.FAFLTQGGAA PETPNPRL.P	22
PSTAT+2414	proteomics_stat	1086032	1086070	+	2	4	K.LDCVNETDQAGE.G	17
PSTAT+2415	proteomics_stat	1097205	1097273	+	3	5	K.SGDNDSADYALVWHPPVEMLAGR.D	27
PSTAT+2416	proteomics_stat	1097328	1097375	+	3	6	K.LQAHPPEMLNPSVPLFR.L	20
PSTAT+2417	proteomics_stat	1097376	1097444	+	3	10	R.LEDTGMGEQM QEYAVSQVLHWFR.R	27
PSTAT+2418	proteomics_stat	1097559	1097585	+	3	2	K.VAQLQ TWR.F	13
PSTAT+2419	proteomics_stat	1097685	1097753	+	3	7	R.VLINLLPNTPETVGIINQQLLEK.L	27
PSTAT+2420	proteomics_stat	1097790	1097840	+	3	7	R.GVHVVEDLLAALDSGK.V	21
PSTAT+2421	proteomics_stat	1097847	1097915	+	3	11	K.GAMLDVFNREPLPESPLWQHPR.V	27
PSTAT+2422	proteomics_stat	1097916	1097981	+	3	8	R.VTITPHVAAITRPAEAVEYISR.T	26
PSTAT+2423	proteomics_stat	1097934	1097981	+	3	3	H.VAAITRPAEAVEYISR.T	20
PSTAT+2424	proteomics_stat	1098102	1098185	+	3	3	V.MYPVDLHMHTVASTHAYSTLSDYIAQAK.Q	32
PSTAT+2425	proteomics_stat	1098333	1098365	+	3	5	K.NVDGEIDCSGK.M	15
PSTAT+2426	proteomics_stat	1098432	1098509	+	3	7	K.ATNTQAMIATIASGNVHIISHPGNPK.Y	30
PSTAT+2427	proteomics_stat	1098552	1098599	+	3	4	K.HQVALEINSSFLHSR.K	20
PSTAT+2428	proteomics_stat	1098914	1098958	+	2	3	R.QPQDPLLPLFTLIR.E	19

PSTAT+2429	proteomics_stat	1098968	1099012	+	2	2	K.LAANWPLEQDELLTR.L	19
PSTAT+2430	proteomics_stat	1099313	1099345	+	2	2	K.VEAHATTPFWR.T	15
PSTAT+2431	proteomics_stat	1105055	1105084	+	2	3	R.IHVQGDITK.L	14
PSTAT+2432	proteomics_stat	1105205	1105270	+	2	2	R.QQQGDCPTGHAVITLAGDLPK.A	26
PSTAT+2433	proteomics_stat	1105271	1105303	+	2	5	K.AVVHTVGPVWR.G	15
PSTAT+2434	proteomics_stat	1105304	1105360	+	2	2	R.GGEQNEQQLLQDAYLNSLR.L	23
PSTAT+2435	proteomics_stat	1105361	1105432	+	2	2	R.LVAANSYTSVAFFAISTGVYGYPR.A	28
PSTAT+2436	proteomics_stat	1106016	1106123	+	3	2	R.NIGDAYFGAGEEPLFSDLDVMAIGPVVEDVADDFAR.Y	40
PSTAT+2437	proteomics_stat	1108723	1108761	+	1	8	K.YADYQQIQFNHDK.A	17
PSTAT+2438	proteomics_stat	1108726	1108761	+	1	2	Y.ADYQQIQFNHDK.A	16
PSTAT+2439	proteomics_stat	1108783	1108839	+	1	18	K.TPFKLEFYHQMYFDTVPK.I	23
PSTAT+2440	proteomics_stat	1108792	1108839	+	1	3	F.KLEFYHQMYFDTVPK.I	20
PSTAT+2441	proteomics_stat	1108795	1108839	+	1	5	K.LEFYHQMYFDTVPK.I	19
PSTAT+2442	proteomics_stat	1108840	1108872	+	1	8	K.INEVATATAVKR.I	15
PSTAT+2443	proteomics_stat	1108840	1108869	+	1	2	K.INEVATATAVK.R	14
PSTAT+2444	proteomics_stat	1108873	1108935	+	1	6	R.IKYSPTYFTFGDVQHDKDTVK.D	25
PSTAT+2445	proteomics_stat	1108879	1108959	+	1	3	K.YSPDYFTFGDVQHDKDTVKDLGFAGFK.V	31
PSTAT+2446	proteomics_stat	1108984	1109031	+	1	11	K.DKNDEIVSMLGASYFR.V	20
PSTAT+2447	proteomics_stat	1109032	1109070	+	1	3	R.VIGAGQVYGLSAR.G	17
PSTAT+2448	proteomics_stat	1109035	1109070	+	1	2	V.IGAGQVYGLSAR.G	16
PSTAT+2449	proteomics_stat	1109071	1109118	+	1	4	R.GLAIDTALPSGEEFPR.F	20
PSTAT+2450	proteomics_stat	1109119	1109160	+	1	3	R.FKEFWIERPKPTDK.R	18
PSTAT+2451	proteomics_stat	1109125	1109160	+	1	2	K.EFWIERPKPTDK.R	16
PSTAT+2452	proteomics_stat	1109161	1109196	+	1	4	K.RLTIYALLDSPR.A	16
PSTAT+2453	proteomics_stat	1109215	1109262	+	1	2	K.FVVMGRDTPVVDVQSK.I	20
PSTAT+2454	proteomics_stat	1109236	1109262	+	1	9	R.DTVVDVQSK.I	13
PSTAT+2455	proteomics_stat	1109443	1109502	+	1	4	K.HLAVSSFSMENPQGFLLQR.G	24
PSTAT+2456	proteomics_stat	1109593	1109688	+	1	8	K.GSVELVEIPTNDETNDNIVAYWTPDQLPEPGK.E	36
PSTAT+2457	proteomics_stat	1109704	1109775	+	1	11	K.YTITFSRDEDKLHAPDNAWVQQTR.R	28
PSTAT+2458	proteomics_stat	1109725	1109775	+	1	4	R.DEDKLHAPDNAWVQQTR.R	21
PSTAT+2459	proteomics_stat	1109815	1109868	+	1	12	R.QPDGTIAFVVDFTGAEMK.K	22
PSTAT+2460	proteomics_stat	1109869	1109946	+	1	6	K.KLPEDTPVTAQTSIGDNGEIVESTVR.Y	30
PSTAT+2461	proteomics_stat	1109872	1109946	+	1	2	K.LPEDTPVTAQTSIGDNGEIVESTVR.Y	29
PSTAT+2462	proteomics_stat	1110095	1110139	+	2	2	K.TTEYIDAMPAAASEK.A	19
PSTAT+2463	proteomics_stat	1110242	1110322	+	2	2	K.ARLEQAWPDSLADGQLIKDDEGRDQLK.A	31
PSTAT+2464	proteomics_stat	1110440	1110478	+	2	2	R.LTKEEQESEQKWR.T	17
PSTAT+2465	proteomics_stat	1110815	1110856	+	2	3	R.TALIMPICNEDVNR.V	18
PSTAT+2466	proteomics_stat	1111169	1111216	+	2	3	R.LMEANPNAGIIQSSPK.A	20
PSTAT+2467	proteomics_stat	1112309	1112386	+	2	12	R.SLDDGFMHAVFNPSFNALATAMATAR.H	30
PSTAT+2468	proteomics_stat	1112420	1112461	+	2	8	R.DRHVEQALNETPEK.L	18
PSTAT+2469	proteomics_stat	1112426	1112461	+	2	5	R.HVEQALNETPEK.L	16
PSTAT+2470	proteomics_stat	1112549	1112584	+	2	2	R.YSSWVSYEGIK.L	16
PSTAT+2471	proteomics_stat	1125319	1125366	+	1	2	R.DHVLTAITPDWTPGR.-	20
PSTAT+2472	proteomics_stat	1125380	1125412	+	2	5	L.MKYQLTALEAR.V	15
PSTAT+2473	proteomics_stat	1125386	1125412	+	2	4	K.YQLTALEAR.V	13
PSTAT+2474	proteomics_stat	1125413	1125436	+	2	2	R.VIGCLLEK.Q	12

PSTAT+2475	proteomics_stat	1125503	1125574	+	2	15	K.TNREPVMNLSESEVQEQLDNLVKR.H	28
PSTAT+2476	proteomics_stat	1125503	1125571	+	2	6	K.TNREPVMNLSESEVQEQLDNLVK.R	27
PSTAT+2477	proteomics_stat	1125527	1125574	+	2	2	N.LSESEVQEQLDNLVKR.H	20
PSTAT+2478	proteomics_stat	1125632	1125661	+	2	2	R.FCNSEFGDLK.L	14
PSTAT+2479	proteomics_stat	1125662	1125706	+	2	5	K.LSAAEVALITLLLLR.G	19
PSTAT+2480	proteomics_stat	1125749	1125832	+	2	7	R.MYEFSDMAEVESTLEQLANREDGPFVVR.L	32
PSTAT+2481	proteomics_stat	1125749	1125808	+	2	3	R.MYEFSDMAEVESTLEQLANR.E	24
PSTAT+2482	proteomics_stat	1125866	1125952	+	2	5	R.YMHLFSGEVEDQPAVTDMSNAVDGDLQAR.V	33
PSTAT+2483	proteomics_stat	1125893	1125952	+	2	4	V.EDQPAVTDMSNAVDGDLQAR.V	24
PSTAT+2484	proteomics_stat	1126080	1126145	+	3	3	K.AWLPLVAAAASDWTLQGAWSPTR.A	26
PSTAT+2485	proteomics_stat	1126764	1126820	+	3	2	R.GQGVVHKPIPGWQSTLEQR.G	23
PSTAT+2486	proteomics_stat	1126842	1126913	+	3	4	R.HFIECVQNQTVPQTAGEQAVLAQR.I	28
PSTAT+2487	proteomics_stat	1127221	1127277	+	1	2	R.IFAEGAFSQAFVPILAEEK.S	23
PSTAT+2488	proteomics_stat	1144163	1144189	+	2	2	T.MKTETPSVK.I	13
PSTAT+2489	proteomics_stat	1144379	1144423	+	2	6	R.VAEREEAVSPHLQK.V	19
PSTAT+2490	proteomics_stat	1144787	1144819	+	2	2	R.VSQEGKPSETR.F	15
PSTAT+2491	proteomics_stat	1145000	1145026	+	2	3	R.LFLHAAALK.F	13
PSTAT+2492	proteomics_stat	1145027	1145059	+	2	2	K.FTHPGTGEVMR.I	15
PSTAT+2493	proteomics_stat	1145060	1145092	+	2	2	R.IEAPMDEGLKR.C	15
PSTAT+2494	proteomics_stat	1146026	1146058	+	2	7	K.VKLPLTLDPVR.T	15
PSTAT+2495	proteomics_stat	1146071	1146115	+	2	3	K.RLDYQGIYTPDQVER.V	19
PSTAT+2496	proteomics_stat	1146074	1146115	+	2	3	R.LDYQGIYTPDQVER.V	18
PSTAT+2497	proteomics_stat	1146188	1146214	+	2	2	R.LAVLNGDAK.V	13
PSTAT+2498	proteomics_stat	1146593	1146619	+	2	4	M.AVQQNKPTR.S	13
PSTAT+2499	proteomics_stat	1146638	1146685	+	2	23	R.RSHDALTAVTSLSVDK.T	20
PSTAT+2500	proteomics_stat	1146641	1146700	+	2	26	R.SHDALTAVTSLSVDKTSGEK.H	24
PSTAT+2501	proteomics_stat	1146641	1146685	+	2	51	R.SHDALTAVTSLSVDK.T	19
PSTAT+2502	proteomics_stat	1146710	1146739	+	2	18	R.HHITADGYR.G	14
PSTAT+2503	proteomics_stat	1146713	1146739	+	2	11	H.HITADGYR.G	13
PSTAT+2504	proteomics_stat	1147994	1148032	+	2	6	K.IIGTGSYLPEQVR.T	17
PSTAT+2505	proteomics_stat	1148054	1148089	+	2	2	K.MVDTSEWIVTR.T	16
PSTAT+2506	proteomics_stat	1148108	1148164	+	2	12	R.HIAAPNETVSTMGFEEATR.A	23
PSTAT+2507	proteomics_stat	1148570	1148623	+	2	5	R.VNPENSIHLTMAGNEVFK.V	22
PSTAT+2508	proteomics_stat	1148624	1148686	+	2	16	K.VAVTELAHIVDETLAANNLDR.S	25
PSTAT+2509	proteomics_stat	1148687	1148728	+	2	7	R.SQLDWLVPHQANLR.I	18
PSTAT+2510	proteomics_stat	1148750	1148794	+	2	6	K.KLGMSMDNVVVTLDR.H	19
PSTAT+2511	proteomics_stat	1148753	1148794	+	2	2	K.LGMSMDNVVVTLDR.H	18
PSTAT+2512	proteomics_stat	1148795	1148848	+	2	11	R.HGNTSAASVPCALDEAVR.D	22
PSTAT+2513	proteomics_stat	1148795	1148857	+	2	2	R.HGNTSAASVPCALDEAVRDGR.I	25
PSTAT+2514	proteomics_stat	1149125	1149175	+	2	18	K.TWQTQPALLTASVALYR.V	21
PSTAT+2515	proteomics_stat	1149176	1149199	+	2	3	R.VWQQQGGK.A	12
PSTAT+2516	proteomics_stat	1149200	1149286	+	2	27	K.APAMMAGHSLGEYSALVCAGVIDFADAVR.L	33
PSTAT+2517	proteomics_stat	1149302	1149385	+	2	2	R.GKFMQEAVPEGTGAMAAIIGLDDASIAK.A	32
PSTAT+2518	proteomics_stat	1149308	1149385	+	2	12	K.FMQEAVPEGTGAMAAIIGLDDASIAK.A	30
PSTAT+2519	proteomics_stat	1149386	1149469	+	2	11	K.ACEEAAEGQVVSFVNFNSPGQVVIAGHK.E	32
PSTAT+2520	proteomics_stat	1149521	1149604	+	2	12	R.ALPLPVSVPSHCALMKPAADKLAVELAK.I	32

PSTAT+2521	proteomics_stat	1149521	1149583	+	2	6	R.ALPLPVSVPSHCALMKPAADK.L	25
PSTAT+2522	proteomics_stat	1149605	1149655	+	2	8	K.ITFNAPTVPVNNVDVK.C	21
PSTAT+2523	proteomics_stat	1149656	1149682	+	2	3	K.CETNGDAIR.D	13
PSTAT+2524	proteomics_stat	1149728	1149787	+	2	35	K.SVEYMAAQGVEHLYEVGPGK.V	24
PSTAT+2525	proteomics_stat	1149743	1149787	+	2	2	M.AAQGVEHLYEVGPGK.V	19
PSTAT+2526	proteomics_stat	1149809	1149877	+	2	6	K.RIVDTLTASALNEPSAMAAALEL.-	27
PSTAT+2527	proteomics_stat	1149893	1149910	+	2	2	I.MNFEGK.I	10
PSTAT+2528	proteomics_stat	1149911	1149937	+	2	3	K.IALVTGASR.G	13
PSTAT+2529	proteomics_stat	1149950	1149976	+	2	2	R.AIAETLAAR.G	13
PSTAT+2530	proteomics_stat	1149953	1149976	+	2	4	A.IAETLAAR.G	12
PSTAT+2531	proteomics_stat	1149983	1150054	+	2	2	A.KVIGTATSENGAQAISDYLGANGK.G	28
PSTAT+2532	proteomics_stat	1149986	1150054	+	2	2	K.VIGTATSENGAQAISDYLGANGK.G	27
PSTAT+2533	proteomics_stat	1150055	1150108	+	2	16	K.GLMLNVTDPASIESVLEK.I	22
PSTAT+2534	proteomics_stat	1150115	1150165	+	2	28	R.AEFGVDILVNNAGITR.D	21
PSTAT+2535	proteomics_stat	1150184	1150240	+	2	42	R.MKDEEWNDIETNLSSVFR.L	23
PSTAT+2536	proteomics_stat	1150289	1150357	+	2	7	R.IITIGSVVGTMGNGGQANYAAAK.A	27
PSTAT+2537	proteomics_stat	1150409	1150462	+	2	11	R.GITVNVVAPGFIEDMTR.A	22
PSTAT+2538	proteomics_stat	1150484	1150516	+	2	4	R.AGILAQVPAGR.L	15
PSTAT+2539	proteomics_stat	1150865	1150894	+	2	20	K.KIIGEQLGVK.Q	14
PSTAT+2540	proteomics_stat	1150868	1150894	+	2	6	K.IIGEQLGVK.Q	13
PSTAT+2541	proteomics_stat	1150868	1150897	+	2	5	K.IIGEQLGVKQ.E	14
PSTAT+2542	proteomics_stat	1151024	1151071	+	2	110	K.ITTVQAAIDYINGHQA.-	20
PSTAT+2543	proteomics_stat	1151174	1151239	+	2	2	R.RVVVTGLGMLSPVGNVVESTWK.A	26
PSTAT+2544	proteomics_stat	1151177	1151239	+	2	5	R.VVVTGLGMLSPVGNVVESTWK.A	25
PSTAT+2545	proteomics_stat	1151327	1151356	+	2	6	K.DFNCEDIISR.K	14
PSTAT+2546	proteomics_stat	1151369	1151461	+	2	28	R.KMDAFIQYGIVAGVQAMQDSGLEITEENATR.I	35
PSTAT+2547	proteomics_stat	1151462	1151545	+	2	11	R.IGAAIGSGIGGLGIEENHTSLMNGGPR.K	32
PSTAT+2548	proteomics_stat	1151690	1151740	+	2	8	R.IIAYGDADVMVAGGAEK.A	21
PSTAT+2549	proteomics_stat	1151741	1151782	+	2	3	K.ASTPLGVGGFGAAR.A	18
PSTAT+2550	proteomics_stat	1151798	1151836	+	2	3	R.NDNPQAASRPWDK.E	17
PSTAT+2551	proteomics_stat	1151843	1151905	+	2	8	R.DGFVLGDGAGMLVLEEYEHAK.K	25
PSTAT+2552	proteomics_stat	1152029	1152121	+	2	4	R.DAGIEASQIGYVNAHGTSTPAGDKAEQAVK.T	35
PSTAT+2553	proteomics_stat	1152239	1152316	+	2	2	R.DQAVPPTINLDNPDEGCDDLDFVPHEA.R	30
PSTAT+2554	proteomics_stat	1152320	1152394	+	2	2	R.QVSGMEYTLCSFGFGGTNGSLIFK.K	29
PSTAT+2555	proteomics_stat	1152350	1152394	+	2	2	C.NSFGFGGTNGSLIFK.K	19
PSTAT+2556	proteomics_stat	1154121	1154213	+	3	6	R.ADLETPTAYNTYTITGLPPGAIATPGADSLK.A	35
PSTAT+2557	proteomics_stat	1154647	1154685	+	1	2	R.HDLSTQAYQGGGR.G	17
PSTAT+2558	proteomics_stat	1154719	1154793	+	1	2	R.DAVLGDFRPDLTLYLDVTPEVGLKR.A	29
PSTAT+2559	proteomics_stat	1154800	1154853	+	1	2	R.ARGELDRIEQESFDFFN.R.T	22
PSTAT+2560	proteomics_stat	1154893	1154949	+	1	2	K.SIHTIDATQPLEAVMDAIR.T	23
PSTAT+2561	proteomics_stat	1155315	1155374	+	3	5	K.VVVVTDAAALLTDAANALLK.T	24
PSTAT+2562	proteomics_stat	1156030	1156104	+	1	2	L.DGLDYESLHKDVEDDLAKAAARDVK.F	29
PSTAT+2563	proteomics_stat	1156597	1156644	+	1	4	R.LLVETDSPYLAPVPHR.G	20
PSTAT+2564	proteomics_stat	1156645	1156674	+	1	4	R.GKENQPAMVR.D	14
PSTAT+2565	proteomics_stat	1156705	1156755	+	1	3	K.GVAVEELAQVTTDNFAR.L	21
PSTAT+2566	proteomics_stat	1157101	1157124	+	1	7	K.NAFANLQK.V	12

PSTAT+2567	proteomics_stat	1157503	1157541	+	1	6	R.IKLPEYLGFFAGK.R	17
PSTAT+2568	proteomics_stat	1157809	1157838	+	1	5	R.YMAGDPTAGK.L	14
PSTAT+2569	proteomics_stat	1157812	1157838	+	1	2	Y.MAGDPTAGK.L	13
PSTAT+2570	proteomics_stat	1157863	1157922	+	1	11	K.MYGLPAAAIWHSAPENR.A	24
PSTAT+2571	proteomics_stat	1157866	1157922	+	1	2	M.YGLPAAAIWHSAPENR.A	23
PSTAT+2572	proteomics_stat	1158274	1158327	+	1	13	K.ATGTSEMAPALVAAFGGK.E	22
PSTAT+2573	proteomics_stat	1158328	1158363	+	1	3	K.ENITNLDACITR.L	16
PSTAT+2574	proteomics_stat	1158370	1158393	+	1	4	R.VSVADVSK.V	12
PSTAT+2575	proteomics_stat	1158415	1158477	+	1	46	K.KLGAAGVVVAGSGVQAIIFGTK.S	25
PSTAT+2576	proteomics_stat	1158418	1158477	+	1	128	K.LGAAGVVVAGSGVQAIIFGTK.S	24
PSTAT+2577	proteomics_stat	1158478	1158516	+	1	13	K.SDNLKTEMDEYIR.N	17
PSTAT+2578	proteomics_stat	1161147	1161197	+	3	7	R.EIPSDIVYQDDLVTAFR.D	21
PSTAT+2579	proteomics_stat	1161150	1161197	+	3	2	E.IPSDIVYQDDLVTAFR.D	20
PSTAT+2580	proteomics_stat	1161198	1161299	+	3	3	R.DISQPAPTHILIPNLIPTVNDVSAEHEQALGR.M	38
PSTAT+2581	proteomics_stat	1161252	1161299	+	3	3	I.PTVNDVSAEHEQALGR.M	20
PSTAT+2582	proteomics_stat	1161321	1161359	+	3	8	K.IAEQEGIAEDGYR.L	17
PSTAT+2583	proteomics_stat	1162089	1162130	+	3	6	R.HYDWNGAMQPMVSK.M	18
PSTAT+2584	proteomics_stat	1162131	1162193	+	3	6	K.MLGADGVTAGSVLLVDSVNNR.T	25
PSTAT+2585	proteomics_stat	1162194	1162238	+	3	5	R.TNGSLNAAEATETLR.N	19
PSTAT+2586	proteomics_stat	1162263	1162301	+	3	4	K.FTLVSAQQLSMAK.Q	17
PSTAT+2587	proteomics_stat	1163549	1163602	+	2	3	R.LPAAQSFAALSGMEEGGK.L	22
PSTAT+2588	proteomics_stat	1163762	1163794	+	2	2	R.FIDGMHEAGMK.T	15
PSTAT+2589	proteomics_stat	1164164	1164205	+	2	2	R.KGAVSVLDNLSPIK.A	18
PSTAT+2590	proteomics_stat	1164366	1164419	+	3	5	A.MIIYLHGFDNSNPGNHEK.V	22
PSTAT+2591	proteomics_stat	1164522	1164593	+	3	2	K.MLQLNVDERPLICGVGLGGYWAER.I	28
PSTAT+2592	proteomics_stat	1164618	1164668	+	3	3	R.QVIFNPNLFPYENMEGK.I	21
PSTAT+2593	proteomics_stat	1164669	1164707	+	3	5	K.IDRPEEYADIATK.C	17
PSTAT+2594	proteomics_stat	1164765	1164791	+	3	5	R.NDEALNSQR.T	13
PSTAT+2595	proteomics_stat	1164792	1164851	+	3	13	R.TSEELHHYIEIVWDEEQTHK.F	24
PSTAT+2596	proteomics_stat	1165527	1165574	+	3	16	R.NHGFQFQLGSVIDIDR.E	20
PSTAT+2597	proteomics_stat	1165584	1165643	+	3	5	K.TITIAELRDEKCELLVPERK.I	24
PSTAT+2598	proteomics_stat	1165584	1165640	+	3	5	K.TITIAELRDEKCELLVPER.K	23
PSTAT+2599	proteomics_stat	1165641	1165712	+	3	6	R.KIAYDTLVMALGSTSNDFNTPGVK.E	28
PSTAT+2600	proteomics_stat	1165644	1165712	+	3	3	K.IAYDTLVMALGSTSNDFNTPGVK.E	27
PSTAT+2601	proteomics_stat	1165713	1165751	+	3	6	K.ENCIFLDNPHQAR.R	17
PSTAT+2602	proteomics_stat	1165755	1165787	+	3	3	R.FHQEMLNLFK.Y	15
PSTAT+2603	proteomics_stat	1165788	1165817	+	3	4	K.YSANLGANGK.V	14
PSTAT+2604	proteomics_stat	1165914	1165964	+	3	7	K.GLTNEALNVTLVEAGER.I	21
PSTAT+2605	proteomics_stat	1165989	1166021	+	3	4	R.ISAAAHNELTK.L	15
PSTAT+2606	proteomics_stat	1166034	1166087	+	3	3	R.VLTQTMVTSADEGGLHTK.D	22
PSTAT+2607	proteomics_stat	1166157	1166183	+	3	5	K.DIGGLETNR.I	13
PSTAT+2608	proteomics_stat	1166184	1166225	+	3	3	R.INQLVVEPTLQTTR.D	18
PSTAT+2609	proteomics_stat	1166373	1166456	+	3	3	K.NYQYKDHGSLVSLSNFSTVGSMLGNLTR.G	32
PSTAT+2610	proteomics_stat	1168362	1168400	+	3	7	A.AVEVQSTPEGQK.V	17
PSTAT+2611	proteomics_stat	1168401	1168487	+	3	3	K.VGTISANAGTNLGSLEEQLAQKADEMGA.K.S	33
PSTAT+2612	proteomics_stat	1168401	1168466	+	3	6	K.VGTISANAGTNLGSLEEQLAQK.A	26



PSTAT+2613	proteomics_stat	1168497	1168550	+	3	6	R.ITSVTGPNTLHGTAVIYK.-	22
PSTAT+2614	proteomics_stat	1175986	1176066	+	1	3	K.STLLHLLGGLDTPSGDVIFNGQPMSK.L	31
PSTAT+2615	proteomics_stat	1176256	1176294	+	1	3	R.ANHRPSELSSGGER.Q	17
PSTAT+2616	proteomics_stat	1176337	1176378	+	1	3	R.LVLADEPTGNLDAR.N	18
PSTAT+2617	proteomics_stat	1176421	1176471	+	1	5	R.LQGTAFLVVTHDLQLAK.R	21
PSTAT+2618	proteomics_stat	1177260	1177298	+	3	2	R.DAGEVTNSYVYIK.S	17
PSTAT+2619	proteomics_stat	1178869	1178916	+	1	2	R.VLVLTGAGISAESGIR.T	20
PSTAT+2620	proteomics_stat	1178956	1179027	+	1	2	R.VEDVATPEGFDRDPELVQAFYNAR.R	28
PSTAT+2621	proteomics_stat	1179034	1179087	+	1	4	R.QLQQPEIQPNAHLALAK.L	22
PSTAT+2622	proteomics_stat	1179112	1179153	+	1	3	R.FLLVTQNIIDNLHER.A	18
PSTAT+2623	proteomics_stat	1179154	1179198	+	1	2	R.AGNTNVIHMHGELLK.V	19
PSTAT+2624	proteomics_stat	1179433	1179501	+	1	5	K.LHGAHTVELNLEPSQVGNEFAEK.Y	27
PSTAT+2625	proteomics_stat	1179433	1179495	+	1	2	K.LHGAHTVELNLEPSQVGNEFA.E	25
PSTAT+2626	proteomics_stat	1179502	1179546	+	1	4	K.YYGPASQVVPEFVEK.L	19
PSTAT+2627	proteomics_stat	1185364	1185468	+	1	13	R.GGDIALGIGDEVLSPVMFPVLHQLLGGTLITTDGK.T	39
PSTAT+2628	proteomics_stat	1185469	1185540	+	1	10	K.TLLGADDKAGIAEIMTALAVLQQK.K	28
PSTAT+2629	proteomics_stat	1185493	1185540	+	1	6	K.AGIAEIMTALAVLQQK.K	20
PSTAT+2630	proteomics_stat	1185565	1185597	+	1	3	R.VAFTPDEEVGK.G	15
PSTAT+2631	proteomics_stat	1185607	1185636	+	1	4	K.HFDVDAFDAR.W	14
PSTAT+2632	proteomics_stat	1185715	1185750	+	1	5	K.IVGNVHPGTAK.G	16
PSTAT+2633	proteomics_stat	1185787	1185867	+	1	6	R.IHAEVPADESPEMTEGYEGFYHLASMK.G	31
PSTAT+2634	proteomics_stat	1185976	1186035	+	1	3	K.GLHPDCYIELVIEDSYNMR.E	24
PSTAT+2635	proteomics_stat	1186042	1186089	+	1	14	K.VVEHPHILDIAQQAMR.D	20
PSTAT+2636	proteomics_stat	1186126	1186209	+	1	2	R.GGTDGAQLSFMGLPCPNLFTGGYNYHGK.H	32
PSTAT+2637	proteomics_stat	1186210	1186242	+	1	7	K.HEFVTLEGMEK.A	15
PSTAT+2638	proteomics_stat	1194358	1194384	+	1	4	K.VVVPAQGKK.I	13
PSTAT+2639	proteomics_stat	1194358	1194381	+	1	6	K.VVVPAQGK.K	12
PSTAT+2640	proteomics_stat	1194382	1194405	+	1	3	K.KITLQNGK.L	12
PSTAT+2641	proteomics_stat	1194382	1194486	+	1	2	K.KITLQNGKLNVPENPIIPYIEGDGIGVDVTPAMLK.V	39
PSTAT+2642	proteomics_stat	1194385	1194486	+	1	2	K.ITLQNGKLNVPENPIIPYIEGDGIGVDVTPAMLK.V	38
PSTAT+2643	proteomics_stat	1194403	1194486	+	1	4	G.KLNVPENPIIPYIEGDGIGVDVTPAMLK.V	32
PSTAT+2644	proteomics_stat	1194406	1194486	+	1	57	K.LNVNVPENPIIPYIEGDGIGVDVTPAMLK.V	31
PSTAT+2645	proteomics_stat	1194433	1194486	+	1	6	I.PYIEGDGIGVDVTPAMLK.V	22
PSTAT+2646	proteomics_stat	1194484	1194510	+	1	3	L.KVVDAAVEK.A	13
PSTAT+2647	proteomics_stat	1194487	1194510	+	1	16	K.VVDAAVEK.A	12
PSTAT+2648	proteomics_stat	1194529	1194564	+	1	41	R.KISWMEIYTGEK.S	16
PSTAT+2649	proteomics_stat	1194532	1194564	+	1	16	K.ISWMEIYTGEK.S	15
PSTAT+2650	proteomics_stat	1194565	1194624	+	1	73	K.STQVYGQDVWLPAETLDLIR.E	24
PSTAT+2651	proteomics_stat	1194580	1194624	+	1	2	Y.GQDVWLPAETLDLIR.E	19
PSTAT+2652	proteomics_stat	1194634	1194681	+	1	23	R.VAIKGPLTTPVGGGIR.S	20
PSTAT+2653	proteomics_stat	1194646	1194681	+	1	7	K.GPLTTPVGGGIR.S	16
PSTAT+2654	proteomics_stat	1194742	1194771	+	1	11	R.YYQGTSPVK.H	14
PSTAT+2655	proteomics_stat	1194742	1194804	+	1	64	R.YYQGTSPVKHPELTDVIFR.E	25
PSTAT+2656	proteomics_stat	1194772	1194804	+	1	78	K.HPELTDVIFR.E	15
PSTAT+2657	proteomics_stat	1194805	1194843	+	1	22	R.ENSEDIYAGIEWK.A	17
PSTAT+2658	proteomics_stat	1194877	1194903	+	1	11	K.FLREEMGVK.K	13

PSTAT+2659	proteomics_stat	1194877	1194906	+	1	5	K.FLREEMGVKK.I	14
PSTAT+2660	proteomics_stat	1194880	1194903	+	1	10	F.LREEMGVK.K	12
PSTAT+2661	proteomics_stat	1194907	1194966	+	1	6	K.IRFPEHCGIGIKPCSEEGTK.R	24
PSTAT+2662	proteomics_stat	1194913	1194969	+	1	4	R.FPEHCGIGIKPCSEEGTKR.L	23
PSTAT+2663	proteomics_stat	1194913	1194966	+	1	10	R.FPEHCGIGIKPCSEEGTK.R	22
PSTAT+2664	proteomics_stat	1194979	1195035	+	1	82	R.AAIEYAIANDRDSVTLVHK.G	23
PSTAT+2665	proteomics_stat	1194979	1195011	+	1	4	R.AAIEYAIANDR.D	15
PSTAT+2666	proteomics_stat	1194982	1195035	+	1	5	A.AIEYAIANDRDSVTLVHK.G	22
PSTAT+2667	proteomics_stat	1194994	1195035	+	1	3	Y.AIANDRDSVTLVHK.G	18
PSTAT+2668	proteomics_stat	1195012	1195035	+	1	6	R.DSVTLVHK.G	12
PSTAT+2669	proteomics_stat	1195051	1195095	+	1	36	K.FTEGAFKDWGYQLAR.E	19
PSTAT+2670	proteomics_stat	1195051	1195089	+	1	2	K.FTEGAFKDWGYQLA	17
PSTAT+2671	proteomics_stat	1195072	1195095	+	1	2	K.DWGYQLAR.E	12
PSTAT+2672	proteomics_stat	1195090	1195140	+	1	2	L.AREEFGGELIDGGPWLK.V	21
PSTAT+2673	proteomics_stat	1195096	1195140	+	1	36	R.EEFGGELIDGGPWLK.V	19
PSTAT+2674	proteomics_stat	1195105	1195140	+	1	2	F.GGELIDGGPWLK.V	16
PSTAT+2675	proteomics_stat	1195141	1195179	+	1	4	K.VKNPNTGKEIVIK.D	17
PSTAT+2676	proteomics_stat	1195147	1195179	+	1	3	K.NPNTGKEIVIK.D	15
PSTAT+2677	proteomics_stat	1195180	1195221	+	1	2	K.DVIADAFLLQILLR.P	18
PSTAT+2678	proteomics_stat	1195180	1195248	+	1	6	K.DVIADAFLLQILLRPAEYDVIAC.M	27
PSTAT+2679	proteomics_stat	1195327	1195377	+	1	3	N.IGDECALFEATHGTAPK.Y	21
PSTAT+2680	proteomics_stat	1195378	1195440	+	1	93	K.YAGQDKVNPGSIIISAEMMLR.H	25
PSTAT+2681	proteomics_stat	1195396	1195440	+	1	354	K.VNPGSIIISAEMMLR.H	19
PSTAT+2682	proteomics_stat	1195441	1195479	+	1	217	R.HMGWTEAADLIVK.G	17
PSTAT+2683	proteomics_stat	1195441	1195479	+	1	217	R.HMGWTEAADLIVK.G	17
PSTAT+2684	proteomics_stat	1195480	1195506	+	1	3	K.GMEGAINAK.T	13
PSTAT+2685	proteomics_stat	1195480	1195506	+	1	3	K.GMEGAINAK.T	13
PSTAT+2686	proteomics_stat	1210645	1210683	+	1	217	R.HMGWTEAADLIVK.G	17
PSTAT+2687	proteomics_stat	1210645	1210683	+	1	217	R.HMGWTEAADLIVK.G	17
PSTAT+2688	proteomics_stat	1210684	1210710	+	1	3	K.GMEGAINAK.T	13
PSTAT+2689	proteomics_stat	1210684	1210710	+	1	3	K.GMEGAINAK.T	13
PSTAT+2690	proteomics_stat	1215465	1215500	+	3	2	R.DFSNSDSGGPNR.R	16
PSTAT+2691	proteomics_stat	1226009	1226089	+	2	5	K.AAENLQSLQGYDPSEFTFANGVFCDVK.E	31
PSTAT+2692	proteomics_stat	1226970	1226996	+	3	2	R.DQTYLYVEK.K	13
PSTAT+2693	proteomics_stat	1227087	1227113	+	3	3	K.KLVNADIEK.V	13
PSTAT+2694	proteomics_stat	1227302	1227355	+	2	6	V.MYQHNNWQGALLDYPVSK.V	22
PSTAT+2695	proteomics_stat	1227356	1227385	+	2	3	K.VVCVGSNYAK.H	14
PSTAT+2696	proteomics_stat	1227668	1227772	+	2	4	K.AFDNSCPLSGFIPAAEFTGDPQNTTLLSVNGEQR.Q	39
PSTAT+2697	proteomics_stat	1230943	1230975	+	1	2	A.LPVDDVWGIGR.R	15
PSTAT+2698	proteomics_stat	1234371	1234424	+	3	5	K.VNNFWETSGLNILETLAR.L	22
PSTAT+2699	proteomics_stat	1234425	1234475	+	3	6	R.LDHESVPQLIDNLLSVR.T	21
PSTAT+2700	proteomics_stat	1234530	1234610	+	3	2	K.AQEVLATANEVADHADAFELDYNIFR.G	31
PSTAT+2701	proteomics_stat	1234611	1234667	+	3	5	R.GLAFASGNPIYGLILNGMK.G	23
PSTAT+2702	proteomics_stat	1237076	1237108	+	2	3	R.NCDTSHYMNK.G	15
PSTAT+2703	proteomics_stat	1237250	1237306	+	2	5	R.DIAVLEDAGVPYQLLESSR.L	23
PSTAT+2704	proteomics_stat	1237307	1237348	+	2	5	R.LAEVEPALAEVAHK.L	18

PSTAT+2705	proteomics_stat	1237349	1237420	+	2	4	K.LTGGLQLPNDETGDCQLFTQNLAR.M	28
PSTAT+2706	proteomics_stat	1237721	1237774	+	2	2	R.VGGMAEIVGFNTELLQPR.R	22
PSTAT+2707	proteomics_stat	1237817	1237894	+	2	4	R.GGHVEQATFWTGLRPMTPDGTVPVGR.T	30
PSTAT+2708	proteomics_stat	1238105	1238146	+	2	3	M.TRPIQASLDLQALK.Q	18
PSTAT+2709	proteomics_stat	1258200	1258229	+	3	5	R.VGGHEQVCDR.Y	14
PSTAT+2710	proteomics_stat	1264280	1264336	+	2	3	R.HEEVQALLGDAQTIADQER.F	23
PSTAT+2711	proteomics_stat	1264970	1265017	+	2	2	R.ITHLPTGIVVECQDER.S	20
PSTAT+2712	proteomics_stat	1265066	1265089	+	2	2	R.IHAAEMAK.R	12
PSTAT+2713	proteomics_stat	1265243	1265314	+	2	2	K.LDMLIEPIIQEHQADQLAALSEQE.-	28
PSTAT+2714	proteomics_stat	1265917	1265991	+	1	2	R.FEPLTALVAADSGMADIVHIIQSR.N	29
PSTAT+2715	proteomics_stat	1267400	1267480	+	2	45	K.VVSIGDINVANDLPFVLFGGMNVLESR.D	31
PSTAT+2716	proteomics_stat	1267496	1267528	+	2	22	R.ICEHYVTVTQK.L	15
PSTAT+2717	proteomics_stat	1267577	1267624	+	2	3	R.SSIHSYRGPGLGEEGMK.I	20
PSTAT+2718	proteomics_stat	1267598	1267624	+	2	2	R.GPGLGEEGMK.I	13
PSTAT+2719	proteomics_stat	1267658	1267747	+	2	2	V.KIITDVHEPSQAQPVADVVDVIQLPAFLAR.Q	34
PSTAT+2720	proteomics_stat	1267661	1267747	+	2	51	K.IITDVHEPSQAQPVADVVDVIQLPAFLAR.Q	33
PSTAT+2721	proteomics_stat	1267748	1267777	+	2	2	R.QTDLVEAMAK.T	14
PSTAT+2722	proteomics_stat	1267802	1267849	+	2	12	K.KPQFVSPGQMGNIVDK.F	20
PSTAT+2723	proteomics_stat	1267802	1267855	+	2	2	K.KPQFVSPGQMGNIVDKFK.E	22
PSTAT+2724	proteomics_stat	1267892	1267951	+	2	87	R.GANFGYDNLVVDMLGFSIMK.K	24
PSTAT+2725	proteomics_stat	1267952	1268008	+	2	4	K.KVSGNSPVIFDVTHALQCR.D	23
PSTAT+2726	proteomics_stat	1267955	1268008	+	2	7	K.VSGNSPVIFDVTHALQCR.D	22
PSTAT+2727	proteomics_stat	1268009	1268038	+	2	4	R.DPFGAASGGR.R	14
PSTAT+2728	proteomics_stat	1268066	1268131	+	2	8	R.AGMAVGLAGLFIEAHPDPEHAK.C	26
PSTAT+2729	proteomics_stat	1268135	1268164	+	2	2	C.DGPSALPLAK.L	14
PSTAT+2730	proteomics_stat	1268192	1268212	+	2	2	K.AIDDLVK.G	11
PSTAT+2731	proteomics_stat	1268192	1268239	+	2	3	K.AIDDLVKGFEELDTSK.-	20
PSTAT+2732	proteomics_stat	1268213	1268239	+	2	6	K.GFEELDTSK.-	13
PSTAT+2733	proteomics_stat	1271384	1271419	+	2	5	K.HVLPSHAQDIYK.E	16
PSTAT+2734	proteomics_stat	1281145	1281231	+	1	2	K.SLKEGSIRFAAEQPENGNHPRNLFIWRS.N	33
PSTAT+2735	proteomics_stat	1289218	1289289	+	1	2	R.MAGDPPDILIQPVCPQISTLDFHR.A	28
PSTAT+2736	proteomics_stat	1289888	1289929	+	2	2	R.DWDAMVDNPAAAA.L	18
PSTAT+2737	proteomics_stat	1290125	1290175	+	2	4	R.ALFNGLLQEQLAHQNQR.L	21
PSTAT+2738	proteomics_stat	1290707	1290742	+	2	15	K.KAVIPVAGLGTR.M	16
PSTAT+2739	proteomics_stat	1290710	1290742	+	2	2	K.AVIPVAGLGTR.M	15
PSTAT+2740	proteomics_stat	1290875	1290934	+	2	2	K.NSIENHFDTSFLEAMLEKR.V	24
PSTAT+2741	proteomics_stat	1290941	1291003	+	2	4	K.RQLLDEVQSICPPHVTIMQVR.Q	25
PSTAT+2742	proteomics_stat	1290944	1291003	+	2	8	R.QLLDEVQSICPPHVTIMQVR.Q	24
PSTAT+2743	proteomics_stat	1291019	1291150	+	2	6	K.GLGHAVLCAHPVVGDEPVAVILPDVILDEYESDLSQDNLAEMIR.R	48
PSTAT+2744	proteomics_stat	1291031	1291150	+	2	2	H.AVLCAHPVVGDEPVAVILPDVILDEYESDLSQDNLAEMIR.R	44
PSTAT+2745	proteomics_stat	1291151	1291231	+	2	26	R.RFDETGHSQIMVEPVADVAYGVVDCK.G	31
PSTAT+2746	proteomics_stat	1291154	1291231	+	2	3	R.FDETGHSQIMVEPVADVAYGVVDCK.G	30
PSTAT+2747	proteomics_stat	1291232	1291291	+	2	6	K.GVELAPGESVPMVGVVEKPK.A	24
PSTAT+2748	proteomics_stat	1291292	1291330	+	2	3	K.ADVAPSNLAIVGR.Y	17
PSTAT+2749	proteomics_stat	1291331	1291369	+	2	5	R.YVLSADIWPLLAK.T	17
PSTAT+2750	proteomics_stat	1291487	1291525	+	2	10	K.LGYMQAFVEYGIR.H	17

PSTAT+2751	proteomics_stat	1291526	1291552	+	2	3	R.HNTLGTEFK.A	13
PSTAT+2752	proteomics_stat	1291553	1291585	+	2	2	K.AWLEEEMGIKK.-	15
PSTAT+2753	proteomics_stat	1299284	1299319	+	2	9	A.ADVPAQVTLAEK.Q	16
PSTAT+2754	proteomics_stat	1299335	1299406	+	2	13	R.NNGSEVQSLDPHKIEGVPEISNR.D	28
PSTAT+2755	proteomics_stat	1299335	1299373	+	2	2	R.NNGSEVQSLDPHK.I	17
PSTAT+2756	proteomics_stat	1299407	1299493	+	2	30	R.DLFEGLLVSDLDGHPAPGVAESWDNKDAK.V	33
PSTAT+2757	proteomics_stat	1299407	1299484	+	2	7	R.DLFEGLLVSDLDGHPAPGVAESWDNK.D	30
PSTAT+2758	proteomics_stat	1299527	1299580	+	2	11	K.WSDGTPVTAQDFVYSWQR.S	22
PSTAT+2759	proteomics_stat	1299530	1299580	+	2	2	W.SDGTPVTAQDFVYSWQR.S	21
PSTAT+2760	proteomics_stat	1299533	1299580	+	2	3	S.DGTPVTAQDFVYSWQR.S	20
PSTAT+2761	proteomics_stat	1299533	1299580	+	2	3	S.DGTPVTAQDFVYSWQR.S	20
PSTAT+2762	proteomics_stat	1299581	1299634	+	2	3	R.SVDPNTASPYASYLQYGH.I	22
PSTAT+2763	proteomics_stat	1299581	1299694	+	2	14	R.SVDPNTASPYASYLQYGHIAIDEILEGKKPITDLGVK.A	42
PSTAT+2764	proteomics_stat	1299668	1299694	+	2	8	K.KPITDLGVK.A	13
PSTAT+2765	proteomics_stat	1299695	1299754	+	2	14	K.AIDDHTLEVTLSEVPYFYK.L	24
PSTAT+2766	proteomics_stat	1299755	1299790	+	2	15	K.LLVHPSTSPVPK.A	16
PSTAT+2767	proteomics_stat	1299818	1299886	+	2	2	K.WTQPGNIVTNGAYTLKDWVNER.I	27
PSTAT+2768	proteomics_stat	1299818	1299865	+	2	12	K.WTQPGNIVTNGAYTLK.D	20
PSTAT+2769	proteomics_stat	1299866	1299886	+	2	2	K.DWVNER.I	11
PSTAT+2770	proteomics_stat	1299902	1299928	+	2	2	R.SPTYWNNAK.T	13
PSTAT+2771	proteomics_stat	1299929	1299988	+	2	2	K.TVINQVTYLPIASEVTDVNR.Y	24
PSTAT+2772	proteomics_stat	1299995	1300048	+	2	6	R.SGEIDMTNNSMPIELFQK.L	22
PSTAT+2773	proteomics_stat	1300058	1300147	+	2	2	K.EIPDEVHVDPYLCTYYEINNQKPPFNDVR.V	34
PSTAT+2774	proteomics_stat	1300166	1300198	+	2	7	K.LGMDRDIIVNK.V	15
PSTAT+2775	proteomics_stat	1300205	1300261	+	2	8	K.AQGNMPAYGYTPPYTDGAK.L	23
PSTAT+2776	proteomics_stat	1300262	1300303	+	2	3	K.LTQPEWFGWSQEK.R	18
PSTAT+2777	proteomics_stat	1300262	1300300	+	2	5	K.LTQPEWFGWSQEK.R	17
PSTAT+2778	proteomics_stat	1300319	1300399	+	2	20	K.KLLAEAGYTADKPLTINLLYNTSDLHK.K	31
PSTAT+2779	proteomics_stat	1300322	1300402	+	2	21	K.LLAEAGYTADKPLTINLLYNTSDLHKK.L	31
PSTAT+2780	proteomics_stat	1300322	1300399	+	2	7	K.LLAEAGYTADKPLTINLLYNTSDLHK.K	30
PSTAT+2781	proteomics_stat	1300403	1300432	+	2	2	K.LAIAASSLWK.K	14
PSTAT+2782	proteomics_stat	1300436	1300456	+	2	2	K.NIGVNVK.L	11
PSTAT+2783	proteomics_stat	1300496	1300522	+	2	8	R.HQGTDFVAR.A	13
PSTAT+2784	proteomics_stat	1300523	1300609	+	2	3	R.AGWCADYNEPTSFLNTMLSNSSMNTAHYK.S	33
PSTAT+2785	proteomics_stat	1300610	1300648	+	2	7	K.SPAFDSIMAETLK.V	17
PSTAT+2786	proteomics_stat	1300688	1300750	+	2	10	K.AEQQLDKDSAIVPYYYYVNAR.L	25
PSTAT+2787	proteomics_stat	1300751	1300786	+	2	2	R.LVKPWVGGYTGK.D	16
PSTAT+2788	proteomics_stat	1300751	1300813	+	2	17	R.LVKPWVGGYTGKDPLDNTYTR.N	25
PSTAT+2789	proteomics_stat	1300814	1300834	+	2	2	R.NMYIVKH.-	11
PSTAT+2790	proteomics_stat	1301079	1301126	+	3	3	K.YHLNDPIMTQYFSYLK.Q	20
PSTAT+2791	proteomics_stat	1303144	1303182	+	1	4	R.VGEQLMEVLMHLK.N	17
PSTAT+2792	proteomics_stat	1303540	1303599	+	1	3	R.DVIFYQPVHPYSIGLLNAVPR.L	24
PSTAT+2793	proteomics_stat	1303926	1303976	+	3	2	R.LYEGETLGVVGESGCGK.S	21
PSTAT+2794	proteomics_stat	1304088	1304138	+	3	2	R.SDIQMIFQDPLASLNPR.M	21
PSTAT+2795	proteomics_stat	1309260	1309361	+	3	2	M.VTPADLEPPQAVQPPPEPVVEPEPEPEPEPPK.E	38
PSTAT+2796	proteomics_stat	1309266	1309361	+	3	2	T.PADLEPPQAVQPPPEPVVEPEPEPEPEPEPPK.E	36

PSTAT+2797	proteomics_stat	1309362	1309397	+	3	2	K.EAPVVIEKPKPK.P	16
PSTAT+2798	proteomics_stat	1309509	1309574	+	3	4	R.LTSSTATAATSKPVTSVASGPR.A	26
PSTAT+2799	proteomics_stat	1312107	1312133	+	3	3	A.HEAGEFFMR.A	13
PSTAT+2800	proteomics_stat	1312311	1312391	+	3	6	R.ATGDIATVHHLPPTLMAQWYFGDASSK.F	31
PSTAT+2801	proteomics_stat	1312392	1312463	+	3	5	K.FRPYVGAGINYTTFFDNGFNDHGK.E	28
PSTAT+2802	proteomics_stat	1312605	1312637	+	3	7	K.LGGAQQHDSVR.L	15
PSTAT+2803	proteomics_stat	1322125	1322166	+	1	4	M.SQFFYIHPDNPQQR.L	18
PSTAT+2804	proteomics_stat	1322167	1322196	+	1	4	R.LINQAVEIVR.K	14
PSTAT+2805	proteomics_stat	1322197	1322250	+	1	9	R.KGGVIVYPTDSGYALGCK.I	22
PSTAT+2806	proteomics_stat	1322200	1322250	+	1	3	K.GGVIVYPTDSGYALGCK.I	21
PSTAT+2807	proteomics_stat	1322251	1322277	+	1	7	K.IEDKNAMER.I	13
PSTAT+2808	proteomics_stat	1322332	1322382	+	1	4	R.DLSELSTYSFVDNVAFR.L	21
PSTAT+2809	proteomics_stat	1322488	1322610	+	1	6	R.VPSNPIAQALLEALGEPMLSTSLMLPGSEFTESDPEEIKDR.L	45
PSTAT+2810	proteomics_stat	1322620	1322709	+	1	3	K.QVDLIHGGYLGQKPTTVIDLTDTPVVR.E	34
PSTAT+2811	proteomics_stat	1324987	1325022	+	1	2	K.LGDRVEVTPGLK.I	16
PSTAT+2812	proteomics_stat	1325080	1325121	+	1	3	R.VLAYKPEGELCTR.N	18
PSTAT+2813	proteomics_stat	1325305	1325385	+	1	4	R.VFGQVDDAKLRDLRQVLEDPAAFK.T	31
PSTAT+2814	proteomics_stat	1325395	1325451	+	1	2	K.FSGGEGINQWYNVTLTEGR.N	23
PSTAT+2815	proteomics_stat	1325398	1325451	+	1	2	F.SGGEGINQWYNVTLTEGR.N	22
PSTAT+2816	proteomics_stat	1325554	1325598	+	1	2	R.GGWTELDLAQTNYLR.E	19
PSTAT+2817	proteomics_stat	1327485	1327562	+	3	6	R.VNNLSEQYKEMKEELAAALMDSHQK.Q	30
PSTAT+2818	proteomics_stat	1327485	1327511	+	3	2	R.VNNLSEQYK.E	13
PSTAT+2819	proteomics_stat	1327512	1327562	+	3	7	K.EMKEELAAALMDSHQK.Q	21
PSTAT+2820	proteomics_stat	1327629	1327661	+	3	7	K.LGEVATDSKPR.V	15
PSTAT+2821	proteomics_stat	1327683	1327775	+	3	7	K.GSMDAHEVNSLREEITAVLAAFKPQDQVVR.L	35
PSTAT+2822	proteomics_stat	1327683	1327718	+	3	2	K.GSMDAHEVNSLR.E	16
PSTAT+2823	proteomics_stat	1327776	1327835	+	3	6	R.LESPGGMVHGYGLAASQLQR.L	24
PSTAT+2824	proteomics_stat	1328049	1328093	+	3	4	R.TLTLGENTELEGREK.F	19
PSTAT+2825	proteomics_stat	1328148	1328219	+	3	15	R.MRPSLDIEQVATGEHWYQQAVEK.G	28
PSTAT+2826	proteomics_stat	1328220	1328279	+	3	8	K.GLVDEINTSDEVILSLMEGR.E	24
PSTAT+2827	proteomics_stat	1329177	1329206	+	3	3	R.DLPTSGSAK.K	14
PSTAT+2828	proteomics_stat	1329282	1329344	+	3	3	R.MGVDPWHNWEAHYEVLPKKEK.V	25
PSTAT+2829	proteomics_stat	1329378	1329413	+	3	4	K.ADHIYLATDLDR.E	16
PSTAT+2830	proteomics_stat	1329867	1329959	+	3	3	R.YSVLEREDKPTTSKPGAPFITSTLQQAASR.L	35
PSTAT+2831	proteomics_stat	1329885	1329959	+	3	7	R.EDKPTTSKPGAPFITSTLQQAASR.L	29
PSTAT+2832	proteomics_stat	1330035	1330079	+	3	2	R.TDSTNLSQDAVNMVR.G	19
PSTAT+2833	proteomics_stat	1330107	1330145	+	3	2	K.KYLPESPNQYASK.E	17
PSTAT+2834	proteomics_stat	1330146	1330238	+	3	4	K.ENSQAHEAIRPSDVNVMAESLKDMEADAQK.L	35
PSTAT+2835	proteomics_stat	1330146	1330214	+	3	3	K.ENSQAHEAIRPSDVNVMAESLK.D	27
PSTAT+2836	proteomics_stat	1330416	1330499	+	3	11	R.ILPAVNBKGDALTLVELTPAQHFTKPPAR.F	32
PSTAT+2837	proteomics_stat	1330437	1330499	+	3	2	K.GDALTLVELTPAQHFTKPPAR.F	25
PSTAT+2838	proteomics_stat	1330539	1330592	+	3	3	R.GIGRPSTYASIISTIQDR.G	22
PSTAT+2839	proteomics_stat	1330677	1330754	+	3	2	R.ELMNYDFTAQMENSLDQVANHEAEWK.A	30
PSTAT+2840	proteomics_stat	1330755	1330802	+	3	6	K.AVLDFHFFSDFTQQLDK.A	20
PSTAT+2841	proteomics_stat	1330965	1331042	+	3	4	K.TTINLVPENEVLNVLEGEDAETNALR.A	30
PSTAT+2842	proteomics_stat	1331109	1331171	+	3	3	K.LHVCGNPTCDGYEIEEGEFR.I	25

PSTAT+2843	proteomics_stat	1331172	1331210	+	3	7	R.IKGYDGPIVECEK.C	17
PSTAT+2844	proteomics_stat	1331304	1331366	+	3	2	R.NGEVAPPKEDPVLPPELPCCK.S	25
PSTAT+2845	proteomics_stat	1331391	1331435	+	3	4	R.DGAAGVFLAANTFPK.S	19
PSTAT+2846	proteomics_stat	1331508	1331549	+	3	5	R.YLADAPQQDPEGNK.T	18
PSTAT+2847	proteomics_stat	1331580	1331612	+	3	5	K.QQYVSSEKDGK.A	15
PSTAT+2848	proteomics_stat	1332041	1332082	+	2	10	K.HLTQVTPAGQEIR.I	18
PSTAT+2849	proteomics_stat	1332233	1332292	+	2	2	R.YPRVSLMHQGSPTQIADAV.S	24
PSTAT+2850	proteomics_stat	1332242	1332298	+	2	2	R.VSLHMHQGSPTQIADAVSK.G	23
PSTAT+2851	proteomics_stat	1332383	1332424	+	2	6	R.AIVVTPDHPLAGKK.A	18
PSTAT+2852	proteomics_stat	1332383	1332421	+	2	2	R.AIVVTPDHPLAGK.K	17
PSTAT+2853	proteomics_stat	1332425	1332490	+	2	2	K.AITIEELAQYPLVYTFGFTGR.S	26
PSTAT+2854	proteomics_stat	1332653	1332691	+	2	6	R.VDAHDIFSHSTTK.I	17
PSTAT+2855	proteomics_stat	1332770	1332799	+	2	2	R.DVVDAAVLR.S	14
PSTAT+2856	proteomics_stat	1333873	1333902	+	1	10	R.EASKDTLQAK.D	14
PSTAT+2857	proteomics_stat	1333903	1333944	+	1	24	K.DKTYHYSLPLAAK.S	18
PSTAT+2858	proteomics_stat	1333909	1333944	+	1	8	K.TYHYSLPLAAK.S	16
PSTAT+2859	proteomics_stat	1334008	1334067	+	1	3	R.WQDGNVTEEDIHALAGWLK.N	24
PSTAT+2860	proteomics_stat	1334110	1334166	+	1	6	R.VLMQDFGTGPAVVDLAAMR.E	23
PSTAT+2861	proteomics_stat	1334203	1334259	+	1	2	K.VNPLSPVDLVIDHSVTVD.R.F	23
PSTAT+2862	proteomics_stat	1334260	1334295	+	1	3	R.FGDDEAFEENVR.L	16
PSTAT+2863	proteomics_stat	1334362	1334424	+	1	3	R.FSVVPPGTGICHQVNLEYL.GK.A	25
PSTAT+2864	proteomics_stat	1334626	1334682	+	1	6	K.LREGITATDLVLTVTQMLR.K	23
PSTAT+2865	proteomics_stat	1334632	1334682	+	1	65	R.EGITATDLVLTVTQMLR.K	21
PSTAT+2866	proteomics_stat	1334704	1334754	+	1	6	K.FVEFYGDGLDSLPLADR.A	21
PSTAT+2867	proteomics_stat	1334755	1334838	+	1	8	R.ATIANMSPEYGATCGFFPIDAVTLDYMR.L	32
PSTAT+2868	proteomics_stat	1334851	1334880	+	1	5	R.SEDQVELVEK.Y	14
PSTAT+2869	proteomics_stat	1334908	1334988	+	1	64	R.NPGDEPIFTSTLELDMNDVEASLAGPK.R	31
PSTAT+2870	proteomics_stat	1335028	1335078	+	1	6	K.AFAASNELEVNATHKDR.Q	21
PSTAT+2871	proteomics_stat	1335028	1335072	+	1	9	K.AFAASNELEVNATHK.D	19
PSTAT+2872	proteomics_stat	1335253	1335276	+	1	2	K.ASLAPGSK.V	12
PSTAT+2873	proteomics_stat	1335415	1335456	+	1	9	K.KSDLTVGAVLSGNR.N	18
PSTAT+2874	proteomics_stat	1335490	1335585	+	1	6	K.TNWLASPLVVAYALAGNMNINLASEPIGHDR.K	36
PSTAT+2875	proteomics_stat	1335586	1335642	+	1	7	R.KGDPVYLKDIWPSAQEIAR.A	23
PSTAT+2876	proteomics_stat	1335586	1335609	+	1	4	R.KGDPVYLK.D	12
PSTAT+2877	proteomics_stat	1335610	1335642	+	1	3	K.DIWPSAQEIAR.A	15
PSTAT+2878	proteomics_stat	1335619	1335642	+	1	2	W.PSAQEIAR.A	12
PSTAT+2879	proteomics_stat	1335643	1335678	+	1	2	R.AVEQVSTEMFRK.E	16
PSTAT+2880	proteomics_stat	1335676	1335717	+	1	5	R.KEYAEVFEGTAEWK.G	18
PSTAT+2881	proteomics_stat	1335736	1335777	+	1	3	R.SDTYGWQEDSTYIR.L	18
PSTAT+2882	proteomics_stat	1335739	1335777	+	1	2	S.DTYGWQEDSTYIR.L	17
PSTAT+2883	proteomics_stat	1335778	1335843	+	1	5	R.LSPFFDEMQUATPAPVEDIHGAR.I	26
PSTAT+2884	proteomics_stat	1335844	1335927	+	1	9	R.ILAMLGDSVTTDHISPAGSIKPDSPAGR.Y	32
PSTAT+2885	proteomics_stat	1335955	1335981	+	1	4	R.KDFNSYGSR.R	13
PSTAT+2886	proteomics_stat	1335958	1335981	+	1	3	K.DFNSYGSR.R	12
PSTAT+2887	proteomics_stat	1336030	1336074	+	1	11	R.IRNEMVPGVEGGMTR.H	19
PSTAT+2888	proteomics_stat	1336036	1336074	+	1	2	R.NEMVPGVEGGMTR.H	17

PSTAT+2889	proteomics_stat	1336075	1336122	+	1	11	R.HLPDSDVVSIYDAAMR.Y	20
PSTAT+2890	proteomics_stat	1336123	1336164	+	1	20	R.YKQEQTPLAVIAGK.E	18
PSTAT+2891	proteomics_stat	1336264	1336320	+	1	9	R.SNLIGMGILPLEFPQGVTR.K	23
PSTAT+2892	proteomics_stat	1336321	1336350	+	1	6	R.KTLGLTGEEK.I	14
PSTAT+2893	proteomics_stat	1336321	1336413	+	1	2	R.KTLGLTGEEKIDIGDLQNLQPGATVPVTLTR.A	35
PSTAT+2894	proteomics_stat	1336324	1336413	+	1	2	K.TLGLTGEEKIDIGDLQNLQPGATVPVTLTR.A	34
PSTAT+2895	proteomics_stat	1336351	1336413	+	1	5	K.IDIGDLQNLQPGATVPVTLTR.A	25
PSTAT+2896	proteomics_stat	1336414	1336446	+	1	5	R.ADGSQEVVPCR.C	15
PSTAT+2897	proteomics_stat	1336453	1336515	+	1	13	R.IDTATELTYQNDGILHYVIR.N	25
PSTAT+2898	proteomics_stat	1338504	1338572	+	3	9	K.RLENQLSPATDVAVVPHSSAAKE.-	27
PSTAT+2899	proteomics_stat	1338504	1338569	+	3	6	K.RLENQLSPATDVAVVPHSSAAK.E	26
PSTAT+2900	proteomics_stat	1339467	1339502	+	3	2	R.DGSEAAQVYITR.Q	16
PSTAT+2901	proteomics_stat	1339563	1339607	+	3	2	N.EAEEGRAKESLMVLR.D	19
PSTAT+2902	proteomics_stat	1339975	1340022	+	1	3	R.AVTNSPVVVALDYHNR.D	20
PSTAT+2903	proteomics_stat	1340023	1340049	+	1	5	R.DDALAFVDK.I	13
PSTAT+2904	proteomics_stat	1340086	1340121	+	1	3	K.EMFTLFGPQFVR.E	16
PSTAT+2905	proteomics_stat	1340470	1340499	+	1	6	R.FKQVFGQEFK.L	14
PSTAT+2906	proteomics_stat	1340554	1340649	+	1	5	R.IMTPEQALSAGVDYMVIGRPVTSVDPAQTLK.A	36
PSTAT+2907	proteomics_stat	1340554	1340610	+	1	2	R.IMTPEQALSAGVDYMVIGR.P	23
PSTAT+2908	proteomics_stat	1340611	1340649	+	1	2	R.PVTQSVDPAQTLK.A	17
PSTAT+2909	proteomics_stat	1340703	1340744	+	3	2	R.LVYSTETGRIDEPK.A	18
PSTAT+2910	proteomics_stat	1342008	1342061	+	3	7	R.DVAADRDDSDIFLLLAQS.P	22
PSTAT+2911	proteomics_stat	1359489	1359533	+	3	4	R.GLQELVVATGGS LHR.K	19
PSTAT+2912	proteomics_stat	1359846	1359896	+	3	5	R.ILFEGFITACQH HIAEK.Q	21
PSTAT+2913	proteomics_stat	1360010	1360096	+	2	3	R.AAELSLTHSAISTIEQDKVSPAISTLQK.L	33
PSTAT+2914	proteomics_stat	1360250	1360303	+	2	2	R.TLAMIFETYQPGTTTGER.I	22
PSTAT+2915	proteomics_stat	1362739	1362792	+	1	2	R.REVASDRYTGALLDHSGG.H	22
PSTAT+2916	proteomics_stat	1364561	1364587	+	2	3	R.LKNLIDAK.E	13
PSTAT+2917	proteomics_stat	1366193	1366234	+	2	8	R.LMIQEMEDTLVEVR.S	18
PSTAT+2918	proteomics_stat	1366409	1366453	+	2	7	K.SLEHEVTLVDDTLAR.M	19
PSTAT+2919	proteomics_stat	1366565	1366603	+	2	2	R.QLDSGKLDEAMAR.F	17
PSTAT+2920	proteomics_stat	1366622	1366669	+	2	9	R.RIDQMEAEASHSFGK.Q	20
PSTAT+2921	proteomics_stat	1366676	1366744	+	2	3	K.SLDDQFAELKADDAISEQLAQLK.A	27
PSTAT+2922	proteomics_stat	1367794	1367859	+	1	7	R.VPEQYQQEHVQGAINIPLKEVK.E	26
PSTAT+2923	proteomics_stat	1367866	1367904	+	1	4	R.IATAVPDKNDTVK.V	17
PSTAT+2924	proteomics_stat	1367944	1368015	+	1	2	K.EILSEMGYTHVENAGGLKDIAMPK.V	28
PSTAT+2925	proteomics_stat	1371299	1371358	+	2	2	S.RAQLITAGRSGGVADGVEYR.N	24
PSTAT+2926	proteomics_stat	1382150	1382182	+	2	4	R.LKNELNALVNR.G	15
PSTAT+2927	proteomics_stat	1383425	1383493	+	2	3	K.QGFQFEAFRPQVMDVDKPLPHIR.L	27
PSTAT+2928	proteomics_stat	1384006	1384053	+	1	4	K.LAQQAGIDQSHPALQR.W	20
PSTAT+2929	proteomics_stat	1385041	1385091	+	1	2	K.SKVDMANPASCQLFGQK.L	21
PSTAT+2930	proteomics_stat	1385107	1385151	+	1	8	R.NHTAAQLINGFNFLR.W	19
PSTAT+2931	proteomics_stat	1385314	1385379	+	1	3	R.QLQNVAAQDVSAFSQIVAVSPK.M	26
PSTAT+2932	proteomics_stat	1385503	1385592	+	1	2	R.AGKPYLALNCASIPEDAVESELFHGAPEGK.K	34
PSTAT+2933	proteomics_stat	1385503	1385595	+	1	2	R.AGKPYLALNCASIPEDAVESELFHGAPEGKK.G	35
PSTAT+2934	proteomics_stat	1385593	1385661	+	1	2	K.KGFFEQANGGSVLLDEIGEMSPR.M	27

PSTAT+2935	proteomics_stat	1385710	1385745	+	1	3	R.VGEDHEVHVDVR.V	16
PSTAT+2936	proteomics_stat	1385821	1385904	+	1	2	R.LNVLTLLNPLRDCPQDIMPLTELFVAR.F	32
PSTAT+2937	proteomics_stat	1385905	1385937	+	1	5	R.FADEQGVPRPK.L	15
PSTAT+2938	proteomics_stat	1386211	1386243	+	1	4	R.LGVSHTAIANK.L	15
PSTAT+2939	proteomics_stat	1391440	1391511	+	1	2	R.DLFEGLVNQNEKGEIVPGVATQWK.S	28
PSTAT+2940	proteomics_stat	1391560	1391613	+	1	2	K.WADGTPVTAQDFVYSWQR.L	22
PSTAT+2941	proteomics_stat	1391566	1391613	+	1	3	S.DGTPVTAQDFVYSWQR.S	20
PSTAT+2942	proteomics_stat	1391566	1391613	+	1	3	S.DGTPVTAQDFVYSWQR.S	20
PSTAT+2943	proteomics_stat	1391701	1391751	+	1	2	K.ATPDQLGVTAVDAHTLK.I	21
PSTAT+2944	proteomics_stat	1391824	1391895	+	1	5	K.ANVESGKEWTKPGNLINGAYVLK.E	28
PSTAT+2945	proteomics_stat	1392085	1392153	+	1	9	K.DIPGQVYTPPQLGTYYYAFNTQK.G	27
PSTAT+2946	proteomics_stat	1392346	1392390	+	1	3	K.TLLSAAGYGPQKPLK.L	19
PSTAT+2947	proteomics_stat	1392391	1392429	+	1	3	K.LTLLYNTSENHQK.I	17
PSTAT+2948	proteomics_stat	1392463	1392483	+	1	2	K.NLGVVDVK.L	11
PSTAT+2949	proteomics_stat	1392550	1392630	+	1	2	R.ASWVGDYNEPSTFLTLTSTHSGNISR.F	31
PSTAT+2950	proteomics_stat	1392799	1392840	+	1	3	K.GYPINNPEDVAYS.R	18
PSTAT+2951	proteomics_stat	1399439	1399516	+	2	9	T.CDAILTISAGSKPTRSARPAPKTSAR.I	30
PSTAT+2952	proteomics_stat	1401321	1401359	+	3	14	R.QRFDGENSENLLVK.I	17
PSTAT+2953	proteomics_stat	1404237	1404278	+	3	2	R.SGKYPQQASLNLLR.Q	18
PSTAT+2954	proteomics_stat	1406089	1406142	+	1	2	K.GSDVNVDPDAVFAWMLDGR.G	22
PSTAT+2955	proteomics_stat	1406815	1406868	+	1	2	R.TGVMADIEAQVMQENLAR.R	22
PSTAT+2956	proteomics_stat	1428855	1428914	+	3	2	G.WTDRGRYAYGMFVQYQNNER.A	24
PSTAT+2957	proteomics_stat	1461566	1461664	+	2	5	M.SKLDTFIQHAVNAVPSGTSLISSLYGDSLHR.G	37
PSTAT+2958	proteomics_stat	1462498	1462593	+	1	2	M.PIYQIDGLTPVVPEESFVHPTAVLIGDVILGK.G	36
PSTAT+2959	proteomics_stat	1472290	1472343	+	1	4	R.LGYGAMQLAGPGVFGPPR.D	22
PSTAT+2960	proteomics_stat	1472374	1472451	+	1	3	R.EALALGVNHIDTSDFYGPHVTNQIIR.E	30
PSTAT+2961	proteomics_stat	1472452	1472496	+	1	2	R.EALYPYSDDLITVTK.I	19
PSTAT+2962	proteomics_stat	1472509	1472562	+	1	2	R.RGEDASWLPAPFSPALQK.A	22
PSTAT+2963	proteomics_stat	1472716	1472763	+	1	14	K.HIGLSNVTPTQVAEAR.K	20
PSTAT+2964	proteomics_stat	1472980	1473030	+	1	12	R.SPNILLIPGTSSVAHLR.E	21
PSTAT+2965	proteomics_stat	1473052	1473102	+	1	10	K.LHLSEEVLSTLDGISRE.-	21
PSTAT+2966	proteomics_stat	1481277	1481330	+	3	4	R.EAARPEITYPDNLVPSQK.K	22
PSTAT+2967	proteomics_stat	1481667	1481756	+	3	3	I.IIDEAHERSLNIDFLLGYLKELLPRRPDLK.I	34
PSTAT+2968	proteomics_stat	1481802	1481840	+	3	6	R.HFNNAPIIEVSGR.T	17
PSTAT+2969	proteomics_stat	1482231	1482272	+	3	2	R.LPIEPISQASANQR.K	18
PSTAT+2970	proteomics_stat	1482486	1482539	+	3	2	R.LLEELGAIITTEQASAYK.L	22
PSTAT+2971	proteomics_stat	1483284	1483322	+	3	2	R.KVNYSQIDPALCR.E	17
PSTAT+2972	proteomics_stat	1483491	1483517	+	3	3	R.ISHDDVISAR.H	13
PSTAT+2973	proteomics_stat	1483878	1483919	+	3	2	R.VKPLELPLLDLSLER.E	18
PSTAT+2974	proteomics_stat	1484793	1484834	+	3	3	K.VENVQQAWQQWINK.L	18
PSTAT+2975	proteomics_stat	1484850	1484879	+	3	2	R.REDEDVKEIR.W	14
PSTAT+2976	proteomics_stat	1485436	1485534	+	1	9	R.DQQIPLLSGGIGHSTTFLYSAIAQHPHYNTIR.T	37
PSTAT+2977	proteomics_stat	1485547	1485606	+	1	2	R.AEATILADIAHQFWHIPHEK.I	24
PSTAT+2978	proteomics_stat	1485607	1485651	+	1	3	K.IWIEDQSTNCGENAR.F	19
PSTAT+2979	proteomics_stat	1485652	1485687	+	1	3	R.FSIALLNQAVR.V	16
PSTAT+2980	proteomics_stat	1485688	1485729	+	1	11	R.VHTAIVVQDPTMQR.R	18



PSTAT+2981	proteomics_stat	1485751	1485783	+	1	2	R.RMTGDNDPDAPR.W	15
PSTAT+2982	proteomics_stat	1485754	1485783	+	1	4	R.MTGDNDPDAPR.W	14
PSTAT+2983	proteomics_stat	1485757	1485783	+	1	2	M.TGDNDPDAPR.W	13
PSTAT+2984	proteomics_stat	1485880	1485912	+	1	2	R.YLSLLTGELPR.L	15
PSTAT+2985	proteomics_stat	1485913	1485945	+	1	2	R.LRDDSDGYGPR.G	15
PSTAT+2986	proteomics_stat	1486012	1486047	+	1	3	K.HDAVLIEAMESR.S	16
PSTAT+2987	proteomics_stat	1486259	1486312	+	2	7	M.SVPVQHPMYIDGQFVTWR.G	22
PSTAT+2988	proteomics_stat	1486313	1486366	+	2	5	R.GDAWIDVVNPATEAVISR.I	22
PSTAT+2989	proteomics_stat	1486367	1486396	+	2	6	R.IPDGQAEDAR.K	14
PSTAT+2990	proteomics_stat	1486367	1486399	+	2	2	R.IPDGQAEDARK.A	15
PSTAT+2991	proteomics_stat	1486397	1486420	+	2	5	R.KAIDAAER.A	12
PSTAT+2992	proteomics_stat	1486421	1486459	+	2	4	R.AQPEWEALPAIER.A	17
PSTAT+2993	proteomics_stat	1486502	1486543	+	2	5	R.ASEISALIVEEGGK.I	18
PSTAT+2994	proteomics_stat	1486616	1486675	+	2	14	R.RYEGEIIQSDRPGENILLFK.R	24
PSTAT+2995	proteomics_stat	1486619	1486678	+	2	5	R.YEGEIIQSDRPGENILLFKR.A	24
PSTAT+2996	proteomics_stat	1486739	1486825	+	2	14	R.KMAPALLTGNTIVIKPSEFTPNNAIAFAK.I	33
PSTAT+2997	proteomics_stat	1486742	1486825	+	2	29	K.MAPALLTGNTIVIKPSEFTPNNAIAFAK.I	32
PSTAT+2998	proteomics_stat	1486826	1486852	+	2	3	K.IVDEIGLPR.G	13
PSTAT+2999	proteomics_stat	1486829	1486852	+	2	2	I.VDEIGLPR.G	12
PSTAT+3000	proteomics_stat	1486853	1486879	+	2	3	R.GVFNLVLGR.G	13
PSTAT+3001	proteomics_stat	1486880	1486918	+	2	10	R.GETVGQELAGNPK.V	17
PSTAT+3002	proteomics_stat	1487021	1487068	+	2	10	K.APAIVMDDADLELAVK.A	20
PSTAT+3003	proteomics_stat	1487087	1487125	+	2	3	R.VINSGQVCNCAER.V	17
PSTAT+3004	proteomics_stat	1487141	1487167	+	2	2	K.GIYDQFVNR.L	13
PSTAT+3005	proteomics_stat	1487168	1487215	+	2	10	R.LGEAMQAVQFGNPAER.N	20
PSTAT+3006	proteomics_stat	1487168	1487263	+	2	3	R.LGEAMQAVQFGNPAERNDIAMGPLINAAALER.V	36
PSTAT+3007	proteomics_stat	1487216	1487263	+	2	7	R.NDIAMGPLINAAALER.V	20
PSTAT+3008	proteomics_stat	1487339	1487377	+	2	4	K.GYYYPTLLLDVR.Q	17
PSTAT+3009	proteomics_stat	1487549	1487572	+	2	3	K.FGETYINR.E	12
PSTAT+3010	proteomics_stat	1487573	1487614	+	2	10	R.ENFEAMQGFHAGWR.K	18
PSTAT+3011	proteomics_stat	1487645	1487692	+	2	31	K.HGLHEYLQTQVVYLQS.-	20
PSTAT+3012	proteomics_stat	1494245	1494304	+	2	3	R.NAGTGQDNLTHQMHLQETFR.T	24
PSTAT+3013	proteomics_stat	1494976	1495011	+	1	5	A.ADSDIADGQQR.F	16
PSTAT+3014	proteomics_stat	1495069	1495149	+	1	2	R.GAPRPLDPTLATMTPQAYNSIQYDAEK.S	31
PSTAT+3015	proteomics_stat	1495297	1495323	+	1	3	K.YNDAGVDTK.Q	13
PSTAT+3016	proteomics_stat	1495690	1495743	+	1	2	K.QLGIAPMTSMFSCGTNER.R	22
PSTAT+3017	proteomics_stat	1495747	1495788	+	1	6	R.MCDTIHPQIHSDR.L	18
PSTAT+3018	proteomics_stat	1495804	1495848	+	1	5	R.GNGEWICRPLNNPQK.L	19
PSTAT+3019	proteomics_stat	1495849	1495884	+	1	3	K.LQFNAYTDNNPK.G	16
PSTAT+3020	proteomics_stat	1495996	1496073	+	1	2	K.GTIGLMEIPTTGETLDNIVCFWQPEK.A	30
PSTAT+3021	proteomics_stat	1499586	1499636	+	3	3	R.MIIRDENYFTDKYELTR.T	21
PSTAT+3022	proteomics_stat	1499802	1499834	+	3	4	K.SIENLDNLHTR.V	15
PSTAT+3023	proteomics_stat	1500081	1500116	+	3	2	R.VKYNEDVGELHR.T	16
PSTAT+3024	proteomics_stat	1500087	1500116	+	3	4	K.YNEDVGELHR.T	14
PSTAT+3025	proteomics_stat	1500571	1500642	+	1	2	K.YSGFLNNYSDLKETTSATGKPVLR.W	28
PSTAT+3026	proteomics_stat	1500607	1500642	+	1	9	K.ETTSATGKPVLR.W	16

PSTAT+3027	proteomics_stat	1500673	1500744	+	1	2	K.YDSIVWNPITYYPVPKPSTQVGQK.V	28
PSTAT+3028	proteomics_stat	1500673	1500720	+	1	2	K.YDSIVWNPITYYPVPK.P	20
PSTAT+3029	proteomics_stat	1500850	1500879	+	1	2	R.GAITGVDTSK.E	14
PSTAT+3030	proteomics_stat	1500850	1500954	+	1	27	R.GAITGVDTSK EGLQFYEVVPVALVVAGTQMATGHR.T	39
PSTAT+3031	proteomics_stat	1500880	1500954	+	1	47	K.EGLQFYEVVPVALVVAGTQMATGHR.T	29
PSTAT+3032	proteomics_stat	1500970	1501023	+	1	4	R.LYFEGELIDAATNKPVIK.V	22
PSTAT+3033	proteomics_stat	1501048	1501092	+	1	3	K.DLNNESTPMAFENIK.Q	19
PSTAT+3034	proteomics_stat	1501093	1501146	+	1	4	K.QVIDDMATDATMFDVNKK.-	22
PSTAT+3035	proteomics_stat	1509750	1509782	+	3	2	E.PPTNLDKPEGR.L	15
PSTAT+3036	proteomics_stat	1509783	1509818	+	3	3	R.LDIIAWPGYIER.G	16
PSTAT+3037	proteomics_stat	1509819	1509863	+	3	3	R.GQTDKQYDWVTQFEK.E	19
PSTAT+3038	proteomics_stat	1509891	1509932	+	3	3	K.TAATSDEMVSMTK.G	18
PSTAT+3039	proteomics_stat	1509933	1509977	+	3	2	K.GGYDLVTASGDASLR.L	19
PSTAT+3040	proteomics_stat	1509993	1510034	+	3	2	K.RVQPINTALIPNWK.T	18
PSTAT+3041	proteomics_stat	1509996	1510034	+	3	4	R.VQPINTALIPNWK.T	17
PSTAT+3042	proteomics_stat	1510086	1510139	+	3	8	K.VYGTPYQWGNLLMYNTK.T	22
PSTAT+3043	proteomics_stat	1510140	1510205	+	3	5	K.TFPTPPDSWQVVFVEQNLDPDGK.S	26
PSTAT+3044	proteomics_stat	1510221	1510274	+	3	32	R.VQAYDGPYIADAALFVK.A	22
PSTAT+3045	proteomics_stat	1510275	1510346	+	3	3	K.ATQPQLGISDPYQLTEEQYQAVLK.V	28
PSTAT+3046	proteomics_stat	1510380	1510418	+	3	5	R.YWHDTTVQMSDFK.N	17
PSTAT+3047	proteomics_stat	1510380	1510472	+	3	2	R.YWHDTTVQMSDFKNEGVVASSAWPYQANALK.A	35
PSTAT+3048	proteomics_stat	1510419	1510472	+	3	5	K.NEGVASSAWPYQANALK.A	22
PSTAT+3049	proteomics_stat	1510473	1510508	+	3	3	K.AEGQPVATVFPK.E	16
PSTAT+3050	proteomics_stat	1510509	1510559	+	3	3	K.EGVTGWADTTMLHSEAK.H	21
PSTAT+3051	proteomics_stat	1510560	1510580	+	3	2	K.HPVCAWK.W	11
PSTAT+3052	proteomics_stat	1510608	1510667	+	3	6	K.VQGDVAAWFGSLPVVPEGCK.A	24
PSTAT+3053	proteomics_stat	1510743	1510766	+	3	2	K.TPIAEGGK.F	12
PSTAT+3054	proteomics_stat	1510785	1510820	+	3	2	R.WTQDYIAIMGGR.-	16
PSTAT+3055	proteomics_stat	1511174	1511203	+	2	3	R.HAMAQEALEK.V	14
PSTAT+3056	proteomics_stat	1515675	1515701	+	3	6	M.SHLDEVIAR.V	13
PSTAT+3057	proteomics_stat	1515702	1515794	+	3	5	R.VDAAIEESVIAHMNELLIALSDDAELSREDR.Y	35
PSTAT+3058	proteomics_stat	1515702	1515785	+	3	5	R.VDAAIEESVIAHMNELLIALSDDAELSR.E	32
PSTAT+3059	proteomics_stat	1517081	1517182	+	2	2	R.WVLASRPHGAPVPENFRLEEDDVATPGEGQVLLR.T	38
PSTAT+3060	proteomics_stat	1517132	1517182	+	2	2	R.LEEDDVATPGEGQVLLR.T	21
PSTAT+3061	proteomics_stat	1517222	1517293	+	2	2	R.MSDEPSYSPVDIGGVMVGGTVSR.V	28
PSTAT+3062	proteomics_stat	1517396	1517494	+	2	2	K.LGDHPQNPSWSLGLVMPGFTAYMGLLDIGQPK.E	37
PSTAT+3063	proteomics_stat	1517495	1517563	+	2	2	K.EGETLVAAATGPVGATVGQIGK.L	27
PSTAT+3064	proteomics_stat	1517579	1517608	+	2	4	R.VGVVAGGAEK.C	14
PSTAT+3065	proteomics_stat	1517963	1518040	+	2	3	K.EDKIHREEITDGLLENAPQTFIGLLK.G	30
PSTAT+3066	proteomics_stat	1517972	1518040	+	2	3	K.IHYREEITDGLLENAPQTFIGLLK.G	27
PSTAT+3067	proteomics_stat	1518349	1518387	+	1	2	K.HQLSIGALKPGAR.L	17
PSTAT+3068	proteomics_stat	1521454	1521519	+	1	4	K.GAYEMAYSQQENALWLATSQSR.K	26
PSTAT+3069	proteomics_stat	1521763	1521816	+	1	14	R.ELVADDATNTVYISGIGK.E	22
PSTAT+3070	proteomics_stat	1521817	1521855	+	1	2	K.ESVIWVVDGGNIK.L	17
PSTAT+3071	proteomics_stat	1521886	1521924	+	1	5	K.MSTGLALDSEGKR.L	17
PSTAT+3072	proteomics_stat	1521925	1521981	+	1	7	R.LYTTNADGELITIDTADNK.I	23

PSTAT+3073	proteomics_stat	1522084	1522113	+	1	3	K.AAEVLVVDTR.N	14
PSTAT+3074	proteomics_stat	1522135	1522179	+	1	4	K.VAAPESLAVLFNPAR.N	19
PSTAT+3075	proteomics_stat	1522180	1522203	+	1	8	R.NEAYVTHR.Q	12
PSTAT+3076	proteomics_stat	1522255	1522308	+	1	10	K.TFDTPHPNSLALSADGK.T	22
PSTAT+3077	proteomics_stat	1522345	1522380	+	1	2	K.QQEATQPDDVIR.I	16
PSTAT+3078	proteomics_stat	1525021	1525095	+	1	14	I.SSEKKLTIHIVQMFQLLSQAFYNLK.M	29
PSTAT+3079	proteomics_stat	1554667	1554696	+	1	8	K.GQAHWEGDIK.R	14
PSTAT+3080	proteomics_stat	1554700	1554765	+	1	22	R.GKGTVSTESGVLNQQPYGFNTR.F	26
PSTAT+3081	proteomics_stat	1554706	1554765	+	1	5	K.GTVSTESGVLNQQPYGFNTR.F	24
PSTAT+3082	proteomics_stat	1554781	1554828	+	1	2	K.GTNPEELIGAAHAACF.S	20
PSTAT+3083	proteomics_stat	1554940	1555008	+	1	6	K.IALKSEVAVPGIDASTFDGIIQK.A	27
PSTAT+3084	proteomics_stat	1554952	1555008	+	1	10	K.SEVAVPGIDASTFDGIIQK.A	23
PSTAT+3085	proteomics_stat	1555015	1555044	+	1	2	K.AGCPVSQVLK.A	14
PSTAT+3086	proteomics_stat	1599598	1599663	+	1	4	K.GIDFTLHQGEVHALLGGNGAGK.S	26
PSTAT+3087	proteomics_stat	1599679	1599744	+	1	3	K.IIAGITPADSGTLEIEGNNYVR.L	26
PSTAT+3088	proteomics_stat	1599745	1599825	+	1	6	R.LTPVHAHQLGIVLPQEPLLFPSLSIK.E	31
PSTAT+3089	proteomics_stat	1599880	1599951	+	1	2	K.NLLAALGCQFDLHSLAGSLDVADR.Q	28
PSTAT+3090	proteomics_stat	1600264	1600353	+	1	4	K.LWLELPGNRPQHAAGTPVLTLENLTGEGFR.N	34
PSTAT+3091	proteomics_stat	1600930	1600980	+	1	3	R.VYVMHQGEITHSALTER.D	21
PSTAT+3092	proteomics_stat	1603180	1603236	+	1	2	K.LVGVGFFTSGGNGAQQAGK.E	23
PSTAT+3093	proteomics_stat	1603447	1603512	+	1	5	R.SYYINQGTPAQLGGMLVDMAAR.Q	26
PSTAT+3094	proteomics_stat	1603537	1603590	+	1	2	K.VAFFYSSPTVTDQNNQWVK.E	22
PSTAT+3095	proteomics_stat	1603615	1603671	+	1	4	K.EHPGWEIVTTQFGYNDAK.S	23
PSTAT+3096	proteomics_stat	1603672	1603701	+	1	2	K.SLQTAEGILK.A	14
PSTAT+3097	proteomics_stat	1603702	1603782	+	1	4	K.AYSDLDIAIAPDANALPAAAQAAENLK.N	31
PSTAT+3098	proteomics_stat	1603702	1603791	+	1	3	K.AYSDLDIAIAPDANALPAAAQAAENLKNDK.V	34
PSTAT+3099	proteomics_stat	1603966	1604055	+	1	7	K.GVGQVEVSPNSVQGYDYEADGNGIVLLPER.V	34
PSTAT+3100	proteomics_stat	1604127	1604156	+	3	2	M.ADLDDIKDGK.D	14
PSTAT+3101	proteomics_stat	1604127	1604165	+	3	5	M.ADLDDIKDGKDFR.T	17
PSTAT+3102	proteomics_stat	1604274	1604333	+	3	8	K.TVMFAFDHGYFQGPTTGLER.I	24
PSTAT+3103	proteomics_stat	1604334	1604390	+	3	2	R.IDINIAPLFEHADVLMCTR.G	23
PSTAT+3104	proteomics_stat	1604403	1604444	+	3	2	R.SVVPATNRPVVL.R.A	18
PSTAT+3105	proteomics_stat	1604445	1604519	+	3	16	R.ASGANSILAELSNEAVALSMDDAVR.L	29
PSTAT+3106	proteomics_stat	1604520	1604585	+	3	2	R.LNSCAVAAQVYIGSEYEHQSIK.N	26
PSTAT+3107	proteomics_stat	1604586	1604618	+	3	2	K.NIIQLVDAGMK.V	15
PSTAT+3108	proteomics_stat	1604823	1604885	+	3	4	R.EALEMCWQAIDQGASGVDMGR.N	25
PSTAT+3109	proteomics_stat	1604886	1604924	+	3	7	R.NIFQSDHPVAMMK.A	17
PSTAT+3110	proteomics_stat	1605092	1605133	+	2	5	R.QNHLGSVQEEGNLR.F	18
PSTAT+3111	proteomics_stat	1605418	1605447	+	1	3	R.SRPAVELLAR.V	14
PSTAT+3112	proteomics_stat	1605448	1605525	+	1	3	R.VPLENVEYVADLGCQPGNSTALLQQR.W	30
PSTAT+3113	proteomics_stat	1605541	1605585	+	1	2	R.ITGIDSSPAMIAEAR.S	19
PSTAT+3114	proteomics_stat	1606030	1606098	+	1	5	R.YHQMLEEQYPLQENGQILLAFPR.L	27
PSTAT+3115	proteomics_stat	1625541	1625594	+	3	32	E.MIVLVTGATAGFGECITR.R	22
PSTAT+3116	proteomics_stat	1625649	1625708	+	3	31	R.LQELKDELGDONLYIAQLDVR.N	24
PSTAT+3117	proteomics_stat	1625820	1625864	+	3	6	K.ASVEDWETMIDTNNK.G	19
PSTAT+3118	proteomics_stat	1625913	1625993	+	3	21	R.NHGHIIINIGSTAGSWPYAGGNVYGATK.A	31

PSTAT+3119	proteomics_stat	1626027	1626053	+	3	7	R.TDLHGTA VR.V	13
PSTAT+3120	proteomics_stat	1626030	1626053	+	3	2	T.DLHGTA VR.V	12
PSTAT+3121	proteomics_stat	1626054	1626107	+	3	7	R.VTDIEPGLVGGTEFSNVR.F	22
PSTAT+3122	proteomics_stat	1626979	1627020	+	1	2	R.AMTQHLQEISESVR.Q	18
PSTAT+3123	proteomics_stat	1642560	1642583	+	3	2	R.QERANYQN.C	12
PSTAT+3124	proteomics_stat	1643688	1643768	+	3	3	G.LGLRSRSFTISTSSASSSLRSVCLNGK.R	31
PSTAT+3125	proteomics_stat	1646222	1646293	+	2	2	K.ELELLELFLNALPESEQDTQLAEMR.A	28
PSTAT+3126	proteomics_stat	1653916	1653963	+	1	5	A.ETNKLVI ESGDSAQSR.Q	20
PSTAT+3127	proteomics_stat	1653928	1653963	+	1	3	K.LVIESGDSAQSR.Q	16
PSTAT+3128	proteomics_stat	1653931	1653963	+	1	6	L.VIESGDSAQSR.Q	15
PSTAT+3129	proteomics_stat	1654033	1654077	+	1	6	R.TEKEWDKADAAFDNR.D	19
PSTAT+3130	proteomics_stat	1654033	1654083	+	1	2	R.TEKEWDKADAAFDNRDK.C	21
PSTAT+3131	proteomics_stat	1654042	1654077	+	1	2	K.EWDKADAAFDNR.D	16
PSTAT+3132	proteomics_stat	1654078	1654134	+	1	2	R.DKCEQSANINAYWEPNTR.C	23
PSTAT+3133	proteomics_stat	1654262	1654300	+	2	7	R.YVHQLDNNASVMR.Y	17
PSTAT+3134	proteomics_stat	1654301	1654357	+	2	6	R.YWFEEPYEAFVELSDLYDK.H	23
PSTAT+3135	proteomics_stat	1654412	1654453	+	2	5	K.AGLVELVEINHVR.R	18
PSTAT+3136	proteomics_stat	1654454	1654498	+	2	2	R.RAEFQIIISPEYQ GK.G	19
PSTAT+3137	proteomics_stat	1654730	1654765	+	2	2	K.TPGQTLLKPTAQ.-	16
PSTAT+3138	proteomics_stat	1655673	1655696	+	3	2	R.IQSDISQR.I	12
PSTAT+3139	proteomics_stat	1655697	1655789	+	3	4	R.IINNGVPESFSTLSIVPNDQVDQPDSQVVGH.C	35
PSTAT+3140	proteomics_stat	1670776	1670802	+	1	2	R.DKLDQLSQK.-	13
PSTAT+3141	proteomics_stat	1676517	1676567	+	3	8	A.ATELTPEQAAAVKPFDR.V	21
PSTAT+3142	proteomics_stat	1676586	1676612	+	3	2	R.FNAIGEAVK.A	13
PSTAT+3143	proteomics_stat	1676625	1676699	+	3	6	R.RADKEGAASFYVVDTSDFGNSGNWR.V	29
PSTAT+3144	proteomics_stat	1676628	1676699	+	3	2	R.ADKEGAASFYVVDTSDFGNSGNWR.V	28
PSTAT+3145	proteomics_stat	1676700	1676756	+	3	3	R.VVADLYKADAEKAEETS NR.V	23
PSTAT+3146	proteomics_stat	1676721	1676756	+	3	2	K.ADAEKAETS NR.V	16
PSTAT+3147	proteomics_stat	1676757	1676843	+	3	14	R.VINGVVELPKDQAVLIEPFDTVTVQGFYR.S	33
PSTAT+3148	proteomics_stat	1676757	1676786	+	3	2	R.VINGVVELPK.D	14
PSTAT+3149	proteomics_stat	1676787	1676843	+	3	5	K.DQAVLIEPFDTVTVQGFYR.S	23
PSTAT+3150	proteomics_stat	1676844	1676876	+	3	2	R.SQPEVNDAITK.A	15
PSTAT+3151	proteomics_stat	1676892	1676918	+	3	2	K.GAYSFYIVR.Q	13
PSTAT+3152	proteomics_stat	1676919	1676951	+	3	4	R.QIDANQGGNQR.I	15
PSTAT+3153	proteomics_stat	1676988	1677038	+	3	3	K.RIVQSPDVIPADSEAGR.A	21
PSTAT+3154	proteomics_stat	1676991	1677038	+	3	9	R.IVQSPDVIPADSEAGR.A	20
PSTAT+3155	proteomics_stat	1677039	1677071	+	3	8	R.AALAAGGEAAK.K	15
PSTAT+3156	proteomics_stat	1677039	1677074	+	3	2	R.AALAAGGEAAKK.V	16
PSTAT+3157	proteomics_stat	1677072	1677128	+	3	10	K.KVEIPGVATTASPSSEVGR.F	23
PSTAT+3158	proteomics_stat	1677162	1677209	+	3	4	R.YTVTLPDGTVKVEELNK.A	20
PSTAT+3159	proteomics_stat	1677210	1677248	+	3	4	K.ATAAMMV PFD SIK.F	17
PSTAT+3160	proteomics_stat	1677249	1677299	+	3	5	K.FSGNYGNMTEVSYQVAK.R	21
PSTAT+3161	proteomics_stat	1677357	1677392	+	3	3	R.GNNLTVSADLYK.-	16
PSTAT+3162	proteomics_stat	1680252	1680281	+	3	4	K.HDMQVTVEPR.G	14
PSTAT+3163	proteomics_stat	1680534	1680560	+	3	2	R.QNEQATLTK.G	13
PSTAT+3164	proteomics_stat	1681485	1681541	+	3	2	R.LGVAFNQ MADNINALIASK.K	23

PSTAT+3165	proteomics_stat	1682718	1682753	+	3	2	R.HLPLGLITLNAYR.T	16
PSTAT+3166	proteomics_stat	1686609	1686647	+	3	3	K.LINSVQNYAWGSK.T	17
PSTAT+3167	proteomics_stat	1686648	1686728	+	3	3	K.TALTELYGMENPSSQPMaelwMGAHPK.S	31
PSTAT+3168	proteomics_stat	1686741	1686827	+	3	2	R.VQNAAGDIVSLRDVIESDKSTLLGEAVAK.R	33
PSTAT+3169	proteomics_stat	1686741	1686776	+	3	2	R.VQNAAGDIVSLR.D	16
PSTAT+3170	proteomics_stat	1686777	1686827	+	3	3	R.DVIESDKSTLLGEAVAK.R	21
PSTAT+3171	proteomics_stat	1686828	1686857	+	3	2	K.RFGELPFLFK.V	14
PSTAT+3172	proteomics_stat	1686831	1686857	+	3	3	R.FGELPFLFK.V	13
PSTAT+3173	proteomics_stat	1686858	1686932	+	3	5	K.VLCAAQPLSIQVHPNKHNSEIGFAK.E	29
PSTAT+3174	proteomics_stat	1687137	1687184	+	3	3	R.LSELFASLLNMQGEEK.S	20
PSTAT+3175	proteomics_stat	1687254	1687319	+	3	8	R.LISEFYPEDSGLFSPLLLNVVK.L	26
PSTAT+3176	proteomics_stat	1687320	1687421	+	3	2	K.LNPGEAMFLFAETPHAYLQGValeVMANSdNvLR.A	38
PSTAT+3177	proteomics_stat	1687440	1687475	+	3	3	K.YIDIPELVANVK.F	16
PSTAT+3178	proteomics_stat	1687476	1687520	+	3	10	K.FEAKPANQLLTQPVK.Q	19
PSTAT+3179	proteomics_stat	1687662	1687736	+	3	6	K.GSQQLQLKPGESAFIAANESpVtVK.G	29
PSTAT+3180	proteomics_stat	1687957	1688010	+	1	6	K.KIETHLEDMVAQANAQLK.L	22
PSTAT+3181	proteomics_stat	1687960	1688010	+	1	3	K.IETHLEDMVAQANAQLK.L	21
PSTAT+3182	proteomics_stat	1688011	1688061	+	1	3	K.LTAPESNLEVSyQNYHR.G	21
PSTAT+3183	proteomics_stat	1688062	1688112	+	1	9	R.GVFSSQLQLLVKPIAGK.E	21
PSTAT+3184	proteomics_stat	1688128	1688196	+	1	2	I.KSGQSVIFNESVDHGPFPLAQLK.K	27
PSTAT+3185	proteomics_stat	1688131	1688196	+	1	4	K.SGQSVIFNESVDHGPFPLAQLK.K	26
PSTAT+3186	proteomics_stat	1688131	1688199	+	1	3	K.SGQSVIFNESVDHGPFPLAQLK.L	27
PSTAT+3187	proteomics_stat	1688197	1688283	+	1	21	K.KLNLIPSMASIQTTLVNNEVSKPLFDMAK.G	33
PSTAT+3188	proteomics_stat	1688314	1688385	+	1	2	R.IGYSGDSSSDISLKPLNYEQKDEK.V	28
PSTAT+3189	proteomics_stat	1688314	1688376	+	1	3	R.IGYSGDSSSDISLKPLNYEQK.D	25
PSTAT+3190	proteomics_stat	1688386	1688436	+	1	4	K.VAFSGGEFQLNADRDGK.A	21
PSTAT+3191	proteomics_stat	1688437	1688472	+	1	3	K.AISLSGEAQSGR.I	16
PSTAT+3192	proteomics_stat	1688473	1688502	+	1	4	R.IDAVNEYNQK.V	14
PSTAT+3193	proteomics_stat	1688476	1688502	+	1	2	I.DAVNEYNQK.V	13
PSTAT+3194	proteomics_stat	1688503	1688529	+	1	4	K.VQLTFNNLK.T	13
PSTAT+3195	proteomics_stat	1688530	1688568	+	1	2	K.TDGSSTLASFGER.V	17
PSTAT+3196	proteomics_stat	1688533	1688568	+	1	5	T.DGSSTLASFGER.V	16
PSTAT+3197	proteomics_stat	1688662	1688685	+	1	2	K.SDLVNDGK.T	12
PSTAT+3198	proteomics_stat	1688686	1688727	+	1	2	K.TINSQLDYSLNSLK.V	18
PSTAT+3199	proteomics_stat	1688728	1688757	+	1	5	K.VQNQDLGSGK.L	14
PSTAT+3200	proteomics_stat	1688887	1688928	+	1	3	K.VTEAFFSALPLMLK.G	18
PSTAT+3201	proteomics_stat	1688968	1689012	+	1	2	K.NSQGESALNLSLFLK.D	19
PSTAT+3202	proteomics_stat	1689031	1689066	+	1	2	K.EAPQTLAQEVDR.S	16
PSTAT+3203	proteomics_stat	1689091	1689141	+	1	10	K.LTIPVDMATEFMTQVAK.L	21
PSTAT+3204	proteomics_stat	1689142	1689171	+	1	2	K.LEGYQEDQAK.K	14
PSTAT+3205	proteomics_stat	1689142	1689174	+	1	3	K.LEGYQEDQAKK.L	15
PSTAT+3206	proteomics_stat	1689184	1689225	+	1	4	K.QQVEGASAMGQMFR.L	18
PSTAT+3207	proteomics_stat	1689226	1689303	+	1	7	R.LTTLQDNTITTSLQYANGQITLNGQK.M	30
PSTAT+3208	proteomics_stat	1697736	1697786	+	3	2	K.GILPTTDAAVLKANNIQ.S	21
PSTAT+3209	proteomics_stat	1700344	1700442	+	1	4	R.QYNISLPAQSLETLIPHVQVIANEPDLVSFLTK.L	37
PSTAT+3210	proteomics_stat	1700551	1700628	+	1	9	R.FSPGYMAMAHQLPVAGVVEAVIDGVR.E	30

PSTAT+3211	proteomics_stat	1700737	1700814	+	1	5	R.DQITALDLAGDELGFPGSLFLSHFNR.A	30
PSTAT+3212	proteomics_stat	1701073	1701162	+	1	3	R.ASINTDDPGVQGVVDIIHEYVAAPAAGLSR.E	34
PSTAT+3213	proteomics_stat	1707034	1707087	+	1	2	R.KLEQQQANAVPEEQVDPR.K	22
PSTAT+3214	proteomics_stat	1709706	1709765	+	3	2	K.LYPVANTPAAMLELGVGVK.T	24
PSTAT+3215	proteomics_stat	1709907	1709975	+	3	2	K.TANVVLNTAFGWPTIAVDTHIFR.V	27
PSTAT+3216	proteomics_stat	1712458	1712502	+	1	4	R.ESGKDFTLVSVLDMK.K	19
PSTAT+3217	proteomics_stat	1712506	1712547	+	1	7	K.RLENGDDYFAVNP.K	18
PSTAT+3218	proteomics_stat	1712509	1712547	+	1	2	R.LENGDDYFAVNP.K	17
PSTAT+3219	proteomics_stat	1712548	1712640	+	1	70	K.GQVPALLDDGTLLEGVAIMQYLADSVPR.Q	35
PSTAT+3220	proteomics_stat	1712677	1712721	+	1	2	Y.KTIEWLNYIATELHK.G	19
PSTAT+3221	proteomics_stat	1712680	1712721	+	1	9	K.TIEWLNYIATELHK.G	18
PSTAT+3222	proteomics_stat	1712722	1712778	+	1	6	K.GFTPLFRPDTPEEYKPTVR.A	23
PSTAT+3223	proteomics_stat	1712737	1712778	+	1	3	L.FRPDTPEEYKPTVR.A	18
PSTAT+3224	proteomics_stat	1712797	1712850	+	1	6	K.LQYVNEALKDEHWICGQR.F	22
PSTAT+3225	proteomics_stat	1712908	1712952	+	1	2	K.LNLEGLEHIAAFMQR.M	19
PSTAT+3226	proteomics_stat	1712953	1713003	+	1	7	R.MAERPEVQDALS AGLK.-	21
PSTAT+3227	proteomics_stat	1718152	1718223	+	1	40	R.SLATAAGAVAGGVAGQGVQSAMNK.T	28
PSTAT+3228	proteomics_stat	1718251	1718286	+	1	10	R.KDDGNTIMVVQK.Q	16
PSTAT+3229	proteomics_stat	1718254	1718286	+	1	5	K.DDGNTIMVVQK.Q	15
PSTAT+3230	proteomics_stat	1718320	1718364	+	1	7	R.VVLASNGSQVTVSPR.-	19
PSTAT+3231	proteomics_stat	1725906	1725926	+	3	2	R.SIDFYTK.V	11
PSTAT+3232	proteomics_stat	1726791	1726868	+	3	2	R.NPFHPFATFDTAALAGLALGQTVLSK.A	30
PSTAT+3233	proteomics_stat	1733405	1733437	+	2	10	M.SFELPALPYAK.D	15
PSTAT+3234	proteomics_stat	1733438	1733491	+	2	43	K.DALAPHISAETIEYHYGK.H	22
PSTAT+3235	proteomics_stat	1733456	1733491	+	2	6	H.ISAETIEYHYGK.H	16
PSTAT+3236	proteomics_stat	1733555	1733575	+	2	4	K.SLEEIIR.S	11
PSTAT+3237	proteomics_stat	1733576	1733623	+	2	3	R.SSEGGVFNNAAQVWNH.T	20
PSTAT+3238	proteomics_stat	1733576	1733677	+	2	6	R.SSEGGVFNNAAQVWNHTFYWNCLAPNAGGEPTGK.V	38
PSTAT+3239	proteomics_stat	1733576	1733638	+	2	2	R.SSEGGVFNNAAQVWNHTFYWN.C	25
PSTAT+3240	proteomics_stat	1733577	1733651	+	3	5	A.ALKVAYSTTQLRSGTILSTGTAWHR.T	29
PSTAT+3241	proteomics_stat	1733621	1733677	+	2	3	N.HTFYWNCLAPNAGGEPTGK.V	23
PSTAT+3242	proteomics_stat	1733678	1733725	+	2	195	K.VAEAIAASFGSFADFK.A	20
PSTAT+3243	proteomics_stat	1733726	1733752	+	2	4	K.AQFTDAAIK.N	13
PSTAT+3244	proteomics_stat	1733753	1733785	+	2	5	K.NFGSGWTWLVK.N	15
PSTAT+3245	proteomics_stat	1733801	1733905	+	2	3	K.LAIVSTSNAGTPLTTDATPLLTVDVWEHAYYIDYR.N	39
PSTAT+3246	proteomics_stat	1735895	1735939	+	2	6	K.RANVSTTTVSHVINK.T	19
PSTAT+3247	proteomics_stat	1735898	1735939	+	2	5	R.ANVSTTTVSHVINK.T	18
PSTAT+3248	proteomics_stat	1735991	1736023	+	2	4	K.ELHYSPAVAR.S	15
PSTAT+3249	proteomics_stat	1736048	1736116	+	2	14	K.SIGLLATSEEAAYFAEIIIEAVEK.N	27
PSTAT+3250	proteomics_stat	1736132	1736176	+	2	3	K.GYTLILGNAWNNLEK.Q	19
PSTAT+3251	proteomics_stat	1736183	1736209	+	2	2	R.AYLSMMAQK.R	13
PSTAT+3252	proteomics_stat	1736210	1736281	+	2	4	K.RVDGLLMCSEYPELLAMLEEYR.H	28
PSTAT+3253	proteomics_stat	1736213	1736281	+	2	3	R.VDGLLMCSEYPELLAMLEEYR.H	27
PSTAT+3254	proteomics_stat	1736282	1736320	+	2	5	R.HIPMVMDWGEAK.A	17
PSTAT+3255	proteomics_stat	1736321	1736380	+	2	5	K.ADFTDAVIDNAFEGGYMAGR.Y	24
PSTAT+3256	proteomics_stat	1736474	1736497	+	2	2	K.AMEEAMIK.V	12

PSTAT+3257	proteomics_stat	1736498	1736551	+	2	4	K.VPESWIVQGFEPESGYR.A	22
PSTAT+3258	proteomics_stat	1736660	1736701	+	2	2	R.VPQDVSILIGYDNVR.N	18
PSTAT+3259	proteomics_stat	1736711	1736749	+	2	6	R.YFTPALTTIHQPK.D	17
PSTAT+3260	proteomics_stat	1736750	1736791	+	2	3	K.DSLGETAFNMMLDR.I	18
PSTAT+3261	proteomics_stat	1736807	1736839	+	2	2	R.EEPQSIEVHPR.L	15
PSTAT+3262	proteomics_stat	1744841	1744903	+	2	7	K.VWTESEKNHEAGGIYLTDEK.S	25
PSTAT+3263	proteomics_stat	1744862	1744903	+	2	4	K.NHEAGGIYLTDEK.S	18
PSTAT+3264	proteomics_stat	1744904	1744927	+	2	2	K.SALAYLEK.H	12
PSTAT+3265	proteomics_stat	1744940	1744975	+	2	15	R.LKNLGVVEEVVAK.V	16
PSTAT+3266	proteomics_stat	1744940	1745017	+	2	3	R.LKNLGVVEEVVAKVFDVNEPLSQINQA.K	30
PSTAT+3267	proteomics_stat	1744976	1745020	+	2	9	K.VFDVNEPLSQINQAK.L	19
PSTAT+3268	proteomics_stat	1745770	1745841	+	1	3	D.AAMAVAIQHGSFIEDDKQHVVFHR.D	28
PSTAT+3269	proteomics_stat	1746061	1746117	+	1	2	R.IALESNLNVDSFAQAWFAER.K	23
PSTAT+3270	proteomics_stat	1746547	1746609	+	1	4	K.TGDEIPDVGEDYTLQQPEDIR.G	25
PSTAT+3271	proteomics_stat	1747217	1747276	+	2	4	S.ARYNPYWQFARHTQRLRFWR.Y	24
PSTAT+3272	proteomics_stat	1753761	1753787	+	3	2	K.TESEMLAK.M	13
PSTAT+3273	proteomics_stat	1753788	1753817	+	3	3	K.MLDAGMNVMR.L	14
PSTAT+3274	proteomics_stat	1753791	1753817	+	3	3	M.LDAGMNVMR.L	13
PSTAT+3275	proteomics_stat	1753818	1753859	+	3	6	R.LNFSHGDYAEHGQR.I	18
PSTAT+3276	proteomics_stat	1753899	1753940	+	3	8	K.TAAILLDTKGPEIR.T	18
PSTAT+3277	proteomics_stat	1753899	1753925	+	3	7	K.TAAILLDTK.G	13
PSTAT+3278	proteomics_stat	1753941	1753979	+	3	8	R.TMKLEGGNDVSLK.A	17
PSTAT+3279	proteomics_stat	1753950	1753979	+	3	2	K.LEGGNDVSLK.A	14
PSTAT+3280	proteomics_stat	1753980	1754012	+	3	5	K.AGQTFFTTDTK.S	15
PSTAT+3281	proteomics_stat	1754157	1754189	+	3	7	K.VLNNGDLGENK.G	15
PSTAT+3282	proteomics_stat	1754157	1754240	+	3	2	K.VLNNGDLGENKGVNLPGVSIALPALAEK.D	32
PSTAT+3283	proteomics_stat	1754190	1754240	+	3	9	K.GVNLPGVSIALPALAEK.D	21
PSTAT+3284	proteomics_stat	1754241	1754306	+	3	14	K.DKQDLIFGCEQGVDFVAASFIR.K	26
PSTAT+3285	proteomics_stat	1754307	1754333	+	3	3	R.KRSDVIEIR.E	13
PSTAT+3286	proteomics_stat	1754310	1754333	+	3	6	K.RSDVIEIR.E	12
PSTAT+3287	proteomics_stat	1754346	1754381	+	3	11	K.AHGGENIHIISK.I	16
PSTAT+3288	proteomics_stat	1754349	1754381	+	3	2	A.HGGENIHIISK.I	15
PSTAT+3289	proteomics_stat	1754382	1754453	+	3	27	K.IENQEGLNNFDEILEASDGIMVAR.G	28
PSTAT+3290	proteomics_stat	1754454	1754504	+	3	14	R.GDLGVEIPVEEVIFAQK.M	21
PSTAT+3291	proteomics_stat	1754535	1754579	+	3	65	R.KVVITATQMLDSMIK.N	19
PSTAT+3292	proteomics_stat	1754535	1754597	+	3	3	R.KVVITATQMLDSMIKNRPTR.A	25
PSTAT+3293	proteomics_stat	1754538	1754579	+	3	3	K.VVITATQMLDSMIK.N	18
PSTAT+3294	proteomics_stat	1754589	1754672	+	3	3	R.PTRAEAGDVANAILDGTDAVMLSGESAK.G	32
PSTAT+3295	proteomics_stat	1754598	1754672	+	3	7	R.AEAGDVANAILDGTDAVMLSGESAK.G	29
PSTAT+3296	proteomics_stat	1754643	1754672	+	3	2	D.AVMLSGESAK.G	14
PSTAT+3297	proteomics_stat	1754673	1754723	+	3	252	K.GKYPLEAVSIMATICER.T	21
PSTAT+3298	proteomics_stat	1754802	1754867	+	3	24	R.GAVETAEKLDAPLIVVATQGGK.S	26
PSTAT+3299	proteomics_stat	1754826	1754867	+	3	2	K.LDAPLIVVATQGGK.S	18
PSTAT+3300	proteomics_stat	1754886	1754933	+	3	58	R.KYFPDATILALTTNEK.T	20
PSTAT+3301	proteomics_stat	1754889	1754933	+	3	10	K.YFPDATILALTTNEK.T	19
PSTAT+3302	proteomics_stat	1754934	1754960	+	3	8	K.TAHQLVLSK.G	13

PSTAT+3303	proteomics_stat	1754985	1755014	+	3	2	K.EITSTDDFYR.L	14
PSTAT+3304	proteomics_stat	1755024	1755131	+	3	12	K.ELALQSGLAHKGDVVVMVSGALVPSGTTNTASVHVL.-	40
PSTAT+3305	proteomics_stat	1755024	1755056	+	3	11	K.ELALQSGLAHK.G	15
PSTAT+3306	proteomics_stat	1755057	1755131	+	3	8	K.GDVVVMVSGALVPSGTTNTASVHVL.-	29
PSTAT+3307	proteomics_stat	1755520	1755564	+	1	3	A.KIDQLSSDVQTLNAK.V	19
PSTAT+3308	proteomics_stat	1755523	1755564	+	1	6	K.IDQLSSDVQTLNAK.V	18
PSTAT+3309	proteomics_stat	1755565	1755600	+	1	17	K.VDQLSNDVNAMR.S	16
PSTAT+3310	proteomics_stat	1755568	1755600	+	1	7	V.DQLSNDVNAMR.S	15
PSTAT+3311	proteomics_stat	1755601	1755636	+	1	9	R.SDVQAAKDDAAR.A	16
PSTAT+3312	proteomics_stat	1755649	1755669	+	1	3	R.LDNMATK.Y	11
PSTAT+3313	proteomics_stat	1767392	1767463	+	2	3	K.AISSGDMTLPDLAWLNTIPVIGAK.L	28
PSTAT+3314	proteomics_stat	1767498	1767572	+	3	4	W.GGRRSWRKSALILAPPPGSLGRRR.I	29
PSTAT+3315	proteomics_stat	1772854	1772907	+	1	3	R.VDHYADLSNVESVMAAAK.I	22
PSTAT+3316	proteomics_stat	1773397	1773438	+	1	3	K.KASAPGQISVNDLR.T	18
PSTAT+3317	proteomics_stat	1785469	1785489	+	1	2	K.MDNAVDR.H	11
PSTAT+3318	proteomics_stat	1785628	1785705	+	1	4	K.DQIDAIYHQTGVRPLVFYSIVLPEIR.A	30
PSTAT+3319	proteomics_stat	1785811	1785843	+	1	3	R.THGLNPNLNK.Y	15
PSTAT+3320	proteomics_stat	1785856	1785906	+	1	2	R.IAAIDYTLAHDGSLR.N	21
PSTAT+3321	proteomics_stat	1786000	1786077	+	1	3	R.AANYPFIADDMDNLVLPASLKPLQHK.L	30
PSTAT+3322	proteomics_stat	1786531	1786575	+	1	5	R.YPVTGPVATHVTDSR.R	19
PSTAT+3323	proteomics_stat	1786735	1786752	+	1	2	V.YFEKPR.T	10
PSTAT+3324	proteomics_stat	1786735	1786752	+	1	2	V.YFEKPR.T	10
PSTAT+3325	proteomics_stat	1786735	1786752	+	1	2	V.YFEKPR.T	10
PSTAT+3326	proteomics_stat	1786810	1786836	+	1	6	R.VNHGLELAR.K	13
PSTAT+3327	proteomics_stat	1786951	1786974	+	1	4	R.TTESQIHR.E	12
PSTAT+3328	proteomics_stat	1787068	1787097	+	1	2	R.ASHMFLSPDK.N	14
PSTAT+3329	proteomics_stat	1787098	1787157	+	1	4	K.NGQMTIYQTSGNPYGHIIMR.G	24
PSTAT+3330	proteomics_stat	1787326	1787373	+	1	4	R.NGSTAIAGIMAESFLR.E	20
PSTAT+3331	proteomics_stat	1787389	1787463	+	1	2	K.IVGSQPLTYGQSITDPCLGWEDTER.L	29
PSTAT+3332	proteomics_stat	1804403	1804474	+	2	4	R.IYTLTLAPSLDSATITPQIYPEGK.L	28
PSTAT+3333	proteomics_stat	1804481	1804531	+	2	2	R.CTAPVFEPGGGGINVAR.A	21
PSTAT+3334	proteomics_stat	1804532	1804651	+	2	13	R.AIAHLGGSATAIFPAGGATGEHLVSLADENVPVATVEAK.D	44
PSTAT+3335	proteomics_stat	1804709	1804750	+	2	5	R.FVMPGAALNEDEFR.Q	18
PSTAT+3336	proteomics_stat	1804880	1804960	+	2	2	R.CIVDSSGEALSAAALIGNIELVKPNQK.E	31
PSTAT+3337	proteomics_stat	1804985	1805014	+	2	3	R.ELTQPDDVRK.A	14
PSTAT+3338	proteomics_stat	1805012	1805044	+	2	9	R.KAAQEIVNSGK.A	15
PSTAT+3339	proteomics_stat	1805015	1805044	+	2	4	K.AAQEIVNSGK.A	14
PSTAT+3340	proteomics_stat	1805051	1805134	+	2	2	K.RVVVSLGPQGALGVDSENCIQVPPPVK.S	32
PSTAT+3341	proteomics_stat	1805054	1805134	+	2	5	R.VVVSLGPQGALGVDSENCIQVPPPVK.S	31
PSTAT+3342	proteomics_stat	1805225	1805272	+	2	9	R.FGVAAGSAATLNQGTR.L	20
PSTAT+3343	proteomics_stat	1805841	1805882	+	3	5	R.LLSEQLGEGEIELR.N	18
PSTAT+3344	proteomics_stat	1805928	1805954	+	3	3	R.YAGHDFVK.C	13
PSTAT+3345	proteomics_stat	1805967	1806020	+	3	6	R.ELLPGFATAEADQLELLSR.S	22
PSTAT+3346	proteomics_stat	1806156	1806242	+	3	2	R.LHQWSDQPQGLDFDNALSTTPQNTWQR.R	33
PSTAT+3347	proteomics_stat	1806306	1806356	+	3	20	K.GIAFGNIDAIVEHIQQR.L	21
PSTAT+3348	proteomics_stat	1806576	1806611	+	3	3	R.QPVYQLYTLLNR.A	16



PSTAT+3349	proteomics_stat	1806618	1806665	+	3	12	R.LFGGQHLVIAQQSLDR.L	20
PSTAT+3350	proteomics_stat	1807530	1807562	+	3	2	R.RNELPDTLGLR.I	15
PSTAT+3351	proteomics_stat	1807650	1807697	+	3	2	R.AISLVEETRPLLPGVR.E	20
PSTAT+3352	proteomics_stat	1807719	1807775	+	3	7	K.EQGLLVGLASASPLHMLEK.V	23
PSTAT+3353	proteomics_stat	1807800	1807832	+	3	5	R.DSFDALASAEK.L	15
PSTAT+3354	proteomics_stat	1807800	1807883	+	3	2	R.DSFDALASAEKLPYSKPHPQVYLDCAAK.L	32
PSTAT+3355	proteomics_stat	1807884	1807949	+	3	3	K.LGVDPLTCVALEDVNGMIASK.A	26
PSTAT+3356	proteomics_stat	1809027	1809080	+	3	2	R.HKQWSLAKKVLVGLVMGV.V	22
PSTAT+3357	proteomics_stat	1809396	1809428	+	3	5	R.LNAIESNYVGK.V	15
PSTAT+3358	proteomics_stat	1809429	1809476	+	3	9	K.VSDLSVPQLVLSFIPK.N	20
PSTAT+3359	proteomics_stat	1809567	1809590	+	3	4	K.LLKDDAPK.G	12
PSTAT+3360	proteomics_stat	1809567	1809599	+	3	2	K.LLKDDAPKGER.V	15
PSTAT+3361	proteomics_stat	1809840	1809878	+	3	4	R.KVWPVLTFAFTSR.S	17
PSTAT+3362	proteomics_stat	1809876	1809923	+	3	2	S.RSSAASIPLNVEAQTR.R	20
PSTAT+3363	proteomics_stat	1809879	1809923	+	3	6	R.SSAASIPLNVEAQTR.R	19
PSTAT+3364	proteomics_stat	1810233	1810292	+	3	29	R.TALNVSGSMTAGTLTSQWLK.Q	24
PSTAT+3365	proteomics_stat	1810305	1810346	+	3	6	K.AILSSEDDAELAAH.-	18
PSTAT+3366	proteomics_stat	1812083	1812109	+	2	3	K.LNSLEDVRK.G	13
PSTAT+3367	proteomics_stat	1812107	1812151	+	2	8	R.KGSENYALTTNQGVR.I	19
PSTAT+3368	proteomics_stat	1812110	1812151	+	2	2	K.GSENYALTTNQGVR.I	18
PSTAT+3369	proteomics_stat	1812281	1812316	+	2	3	R.GSAAHGYFQPYK.S	16
PSTAT+3370	proteomics_stat	1812386	1812430	+	2	2	R.FSTVQGGAGSADTVR.D	19
PSTAT+3371	proteomics_stat	1813157	1813213	+	2	3	R.LGGPNFHEIPINRPTCPYH.N	23
PSTAT+3372	proteomics_stat	1813382	1813417	+	2	6	R.SPSFGEYSHPR.L	16
PSTAT+3373	proteomics_stat	1813454	1813489	+	2	2	R.HIVDGFSELSK.V	16
PSTAT+3374	proteomics_stat	1813517	1813570	+	2	3	R.VVDQLAHIDLTLAQAVAK.N	22
PSTAT+3375	proteomics_stat	1813643	1813687	+	2	6	K.DPSLSLYAIPDGDVK.G	19
PSTAT+3376	proteomics_stat	1813961	1813996	+	2	2	K.HLKPIALAGDAR.K	16
PSTAT+3377	proteomics_stat	1814018	1814110	+	2	7	K.IADQGEEGIVEADSADGSFMDLTLMAAHR.V	35
PSTAT+3378	proteomics_stat	1820482	1820508	+	1	3	S.MTLQQQIIK.A	13
PSTAT+3379	proteomics_stat	1820509	1820556	+	1	5	K.ALGAKPQINAEIEIR.S	20
PSTAT+3380	proteomics_stat	1820509	1820553	+	1	4	K.ALGAKPQINAEIEIR.R	19
PSTAT+3381	proteomics_stat	1820575	1820604	+	1	2	K.SYLQTYPFIK.S	14
PSTAT+3382	proteomics_stat	1820605	1820655	+	1	4	K.SLVLGISGGQDSTLAGK.L	21
PSTAT+3383	proteomics_stat	1820656	1820685	+	1	3	K.LCQMAINELR.L	14
PSTAT+3384	proteomics_stat	1820686	1820727	+	1	5	R.LETGNESLQFIAVR.L	18
PSTAT+3385	proteomics_stat	1820728	1820796	+	1	10	R.LPYGVQADEQDCQDAIAFIQPDR.V	27
PSTAT+3386	proteomics_stat	1820818	1820850	+	1	2	K.GAVLASEQALR.E	15
PSTAT+3387	proteomics_stat	1820851	1820883	+	1	2	R.EAGIELSDFVR.G	15
PSTAT+3388	proteomics_stat	1820914	1821000	+	1	37	K.AQYSIAGMTSGVVVGTDHAAEAITGFFTK.Y	33
PSTAT+3389	proteomics_stat	1821061	1821102	+	1	4	K.QLLAALACPEHLYK.K	18
PSTAT+3390	proteomics_stat	1821103	1821204	+	1	3	K.KAPTADLEDDRPSLPDEVALGVTYDNIDDYLEGK.N	38
PSTAT+3391	proteomics_stat	1821268	1821303	+	1	14	R.RPPITVDFDFWK.K	16
PSTAT+3392	proteomics_stat	1830488	1830523	+	2	6	R.ARPHQLEAIVEK.H	16
PSTAT+3393	proteomics_stat	1830524	1830559	+	2	8	K.HQPDRVIGLQETK.V	16
PSTAT+3394	proteomics_stat	1830560	1830598	+	2	2	K.VHDDMFPLEEVAK.L	17

PSTAT+3395	proteomics_stat	1830599	1830631	+	2	4	K.LGYNVFYHGQK.G	15
PSTAT+3396	proteomics_stat	1830722	1830799	+	2	8	R.IIMAEIPSLGNVTVINGYFPQGESR.D	30
PSTAT+3397	proteomics_stat	1830827	1830874	+	2	2	K.AQFYQNLQNYLETELK.R	20
PSTAT+3398	proteomics_stat	1830827	1830877	+	2	8	K.AQFYQNLQNYLETELKR.D	21
PSTAT+3399	proteomics_stat	1830878	1830955	+	2	3	R.DNPVLMGDMNISPTDLDIGIGEENR.K	30
PSTAT+3400	proteomics_stat	1831205	1831252	+	2	6	R.SMEKPSDHAPVWATFR.R	20
PSTAT+3401	proteomics_stat	1834025	1834066	+	2	2	R.FNSAMDIPAQGLCR.I	18
PSTAT+3402	proteomics_stat	1837560	1837613	+	3	3	A.AELAKPLTDQLQQQNGK.A	22
PSTAT+3403	proteomics_stat	1837842	1837895	+	3	5	K.AGLTHISILSDALSEPSR.L	22
PSTAT+3404	proteomics_stat	1837905	1837964	+	3	3	K.LPHFEQLVYPQWLHDLQQGK.E	24
PSTAT+3405	proteomics_stat	1838247	1838300	+	3	2	R.LLDGGWQTWSDAGLPVER.G	22
PSTAT+3406	proteomics_stat	1840395	1840442	+	3	4	S.MDQTYSLSEFLNHVQK.R	20
PSTAT+3407	proteomics_stat	1840443	1840481	+	3	4	K.RDPNQTEFAQAVR.E	17
PSTAT+3408	proteomics_stat	1840446	1840481	+	3	5	R.DPNQTEFAQAVR.E	16
PSTAT+3409	proteomics_stat	1840482	1840526	+	3	6	R.EVMTTLWPFLEQNP.K.Y	19
PSTAT+3410	proteomics_stat	1840638	1840670	+	3	2	R.VQFSSAIGPYK.G	15
PSTAT+3411	proteomics_stat	1840683	1840715	+	3	2	R.FHPSVNLSILK.F	15
PSTAT+3412	proteomics_stat	1840743	1840778	+	3	3	K.NALTTLPMGGGK.G	16
PSTAT+3413	proteomics_stat	1840863	1840916	+	3	8	R.HLGADTDVPAGDIGVGGR.E	22
PSTAT+3414	proteomics_stat	1840866	1840916	+	3	2	H.LGADTDVPAGDIGVGGR.E	21
PSTAT+3415	proteomics_stat	1840950	1840985	+	3	3	K.LSNNTACVFTGK.G	16
PSTAT+3416	proteomics_stat	1840986	1841066	+	3	17	K.GLSFGGSLIRPEATGYGLVYFTEAMLK.R	31
PSTAT+3417	proteomics_stat	1840986	1841069	+	3	2	K.GLSFGGSLIRPEATGYGLVYFTEAMLKR.H	32
PSTAT+3418	proteomics_stat	1841097	1841144	+	3	4	R.VSVSGSGNVAQYAIK.A	20
PSTAT+3419	proteomics_stat	1841166	1841222	+	3	13	R.VITASDSSGTVVDESGFTK.E	23
PSTAT+3420	proteomics_stat	1841169	1841222	+	3	2	V.ITASDSSGTVVDESGFTK.E	22
PSTAT+3421	proteomics_stat	1841289	1841417	+	3	3	K.EFGLVYLEGQQPWSLPVDIALPCATQNELDVDAHQLIANGVK.A	47
PSTAT+3422	proteomics_stat	1841352	1841417	+	3	2	L.PCATQNELDVDAHQLIANGVK.A	26
PSTAT+3423	proteomics_stat	1841418	1841504	+	3	18	K.AVAEGANMPTTIEATELFQQAGVLFAPGK.A	33
PSTAT+3424	proteomics_stat	1841505	1841564	+	3	9	K.AANAGGVATSGLEMAQNAAR.L	24
PSTAT+3425	proteomics_stat	1845268	1845294	+	1	3	R.DRFIVDACL.H	13
PSTAT+3426	proteomics_stat	1847134	1847175	+	1	2	R.LQENSLFDIVNTIR.Q	18
PSTAT+3427	proteomics_stat	1847224	1847268	+	1	3	K.NFAGGDQPSMQYIGK.A	19
PSTAT+3428	proteomics_stat	1847551	1847601	+	1	2	R.WIGELWQNYLNTVAANR.Q	21
PSTAT+3429	proteomics_stat	1848376	1848414	+	1	3	K.IAQGHVWTGQDAK.A	17
PSTAT+3430	proteomics_stat	1848484	1848537	+	1	6	K.VKQWHLEYVDEPTFFDK.V	22
PSTAT+3431	proteomics_stat	1848941	1848982	+	2	2	R.SEQGYIPVSGHLQR.Q	18
PSTAT+3432	proteomics_stat	1849373	1849447	+	2	11	K.AHADGFDAFASPPLPLEAGIHIR.R	29
PSTAT+3433	proteomics_stat	1849448	1849564	+	2	3	R.RLNTPPAPHGEGELIVHPITPQPIGVVTIYPGISADVVR.N	43
PSTAT+3434	proteomics_stat	1849604	1849636	+	2	2	R.SYGVGNAPQNK.A	15
PSTAT+3435	proteomics_stat	1849808	1849855	+	2	7	K.LHYLLSQELDTETIRK.A	20
PSTAT+3436	proteomics_stat	1860807	1860830	+	3	7	K.VGINGFGR.I	12
PSTAT+3437	proteomics_stat	1860864	1860932	+	3	3	K.RSDIEIVAINDLLDADYMLK.Y	27
PSTAT+3438	proteomics_stat	1860867	1860932	+	3	1170	R.SDIEIVAINDLLDADYMLK.Y	26
PSTAT+3439	proteomics_stat	1860891	1860932	+	3	208	I.NDLLDADYMLK.Y	18
PSTAT+3440	proteomics_stat	1860933	1860977	+	3	20	K.YDSTHGRFDGTVEVK.D	19

PSTAT+3441	proteomics_stat	1860954	1861004	+	3	14	R.FDGTVEVKDGHVINGK.K	21
PSTAT+3442	proteomics_stat	1860954	1860977	+	3	11	R.FDGTVEVK.D	12
PSTAT+3443	proteomics_stat	1860978	1861004	+	3	46	K.DGHVINGK.K	13
PSTAT+3444	proteomics_stat	1861014	1861046	+	3	26	R.VTAERDPANLK.W	15
PSTAT+3445	proteomics_stat	1861014	1861115	+	3	1184	R.VTAERDPANLKWDEVGVDVVAEATGLFLTDEAR.K	38
PSTAT+3446	proteomics_stat	1861014	1861118	+	3	92	R.VTAERDPANLKWDEVGVDVVAEATGLFLTDEAR.H	39
PSTAT+3447	proteomics_stat	1861029	1861115	+	3	31	R.DPANLKWDEVGVDVVAEATGLFLTDEAR.K	33
PSTAT+3448	proteomics_stat	1861029	1861118	+	3	14	R.DPANLKWDEVGVDVVAEATGLFLTDEAR.H	34
PSTAT+3449	proteomics_stat	1861032	1861115	+	3	9	D.PANLKWDEVGVDVVAEATGLFLTDEAR.K	32
PSTAT+3450	proteomics_stat	1861041	1861118	+	3	130	N.LKWDEVGVDVVAEATGLFLTDEAR.H	30
PSTAT+3451	proteomics_stat	1861047	1861115	+	3	1996	K.WDEVGVDVVAEATGLFLTDEAR.K	27
PSTAT+3452	proteomics_stat	1861047	1861118	+	3	476	K.WDEVGVDVVAEATGLFLTDEAR.H	28
PSTAT+3453	proteomics_stat	1861140	1861190	+	3	7	K.KVMTGPSKDNTPMFVK.G	21
PSTAT+3454	proteomics_stat	1861143	1861190	+	3	12	K.VVMTGPSKDNTPMFVK.G	20
PSTAT+3455	proteomics_stat	1861143	1861196	+	3	9	K.VVMTGPSKDNTPMFVKA.N	22
PSTAT+3456	proteomics_stat	1861143	1861166	+	3	5	K.VVMTGPSK.D	12
PSTAT+3457	proteomics_stat	1861167	1861190	+	3	2	K.DNTPMFVK.G	12
PSTAT+3458	proteomics_stat	1861191	1861274	+	3	4	K.GANFDKYAGQDIVSNASCTTNCLAPLAK.V	32
PSTAT+3459	proteomics_stat	1861209	1861274	+	3	8	K.YAGQDIVSNASCTTNCLAPLAK.V	26
PSTAT+3460	proteomics_stat	1861272	1861346	+	3	12	A.KVINDNFGIIEGLMTTVHATTATQK.T	29
PSTAT+3461	proteomics_stat	1861275	1861346	+	3	838	K.VINDNFGIIEGLMTTVHATTATQK.T	28
PSTAT+3462	proteomics_stat	1861275	1861325	+	3	6	K.VINDNFGIIEGLMTTVH.A	21
PSTAT+3463	proteomics_stat	1861278	1861346	+	3	4	V.INDNFGIIEGLMTTVHATTATQK.T	27
PSTAT+3464	proteomics_stat	1861281	1861346	+	3	2	I.NDNFGIIEGLMTTVHATTATQK.T	26
PSTAT+3465	proteomics_stat	1861293	1861346	+	3	28	F.GIIEGLMTTVHATTATQK.T	22
PSTAT+3466	proteomics_stat	1861299	1861346	+	3	10	I.IEGLMTTVHATTATQK.T	20
PSTAT+3467	proteomics_stat	1861311	1861346	+	3	6	L.MTTVHATTATQK.T	16
PSTAT+3468	proteomics_stat	1861314	1861346	+	3	3	M.TTVHATTATQK.T	15
PSTAT+3469	proteomics_stat	1861323	1861346	+	3	3	V.HATTATQK.T	12
PSTAT+3470	proteomics_stat	1861389	1861433	+	3	38	R.GASQNIIPSSTGAAK.A	19
PSTAT+3471	proteomics_stat	1861491	1861532	+	3	77	R.VPTPNVSVVDLTVR.L	18
PSTAT+3472	proteomics_stat	1861602	1861682	+	3	355	K.GVLGYTEDDVVSTDFNGEVCTSVFDAK.A	31
PSTAT+3473	proteomics_stat	1861683	1861715	+	3	23	K.AGIALNDNFVK.L	15
PSTAT+3474	proteomics_stat	1861713	1861757	+	3	2	V.KLVSWYDNETGYSNK.V	19
PSTAT+3475	proteomics_stat	1861716	1861757	+	3	100	K.LVSWYDNETGYSNK.V	18
PSTAT+3476	proteomics_stat	1861719	1861757	+	3	7	L.VSWYDNETGYSNK.V	17
PSTAT+3477	proteomics_stat	1861722	1861757	+	3	2	V.SWYDNETGYSNK.V	16
PSTAT+3478	proteomics_stat	1861728	1861757	+	3	3	W.YDNETGYSNK.V	14
PSTAT+3479	proteomics_stat	1861758	1861787	+	3	25	K.VLDLIAHISK.-	14
PSTAT+3480	proteomics_stat	1861883	1861933	+	2	7	K.KIFALPVIEQISPVLSR.R	21
PSTAT+3481	proteomics_stat	1861886	1861933	+	2	9	K.IFALPVIEQISPVLSR.R	20
PSTAT+3482	proteomics_stat	1861937	1861984	+	2	20	R.KLDELDLIVDHPQVK.A	20
PSTAT+3483	proteomics_stat	1861985	1862077	+	2	14	K.ASFALQGAHLLSWKPAGEEVLWLSNNTPFK.N	35
PSTAT+3484	proteomics_stat	1862096	1862170	+	2	9	R.GGVPVCWPWFPGPAAQQGLPAHGFR.N	29
PSTAT+3485	proteomics_stat	1862423	1862449	+	2	11	R.FIDKVNDK.E	13
PSTAT+3486	proteomics_stat	1862423	1862491	+	2	4	R.FIDKVNDKENVLTDGIQTFPDR.T	27

PSTAT+3487	proteomics_stat	1862450	1862491	+	2	2	K.ENVLTDGIQTFPDR.T	18
PSTAT+3488	proteomics_stat	1862501	1862554	+	2	4	R.VYLNPDQDCSVINDEALNR.I	22
PSTAT+3489	proteomics_stat	1864932	1864955	+	3	5	T.MNIFDHYR.Q	12
PSTAT+3490	proteomics_stat	1864956	1865018	+	3	11	R.QRYEAAKDEEFTLQEFLTTCR.Q	25
PSTAT+3491	proteomics_stat	1864962	1865018	+	3	20	R.YEAAKDEEFTLQEFLTTCR.Q	23
PSTAT+3492	proteomics_stat	1865028	1865054	+	3	6	R.SAYANAAER.L	13
PSTAT+3493	proteomics_stat	1865031	1865054	+	3	2	S.AYANAAER.L	12
PSTAT+3494	proteomics_stat	1865055	1865108	+	3	7	R.LLMAIGEPVMVDTAQEPR.L	22
PSTAT+3495	proteomics_stat	1865145	1865210	+	3	3	R.YPAFEEFYGMEDAIEQIVSYLK.H	26
PSTAT+3496	proteomics_stat	1865211	1865237	+	3	8	K.HAAQGLEEK.K	13
PSTAT+3497	proteomics_stat	1865211	1865240	+	3	2	K.HAAQGLEEKK.Q	14
PSTAT+3498	proteomics_stat	1865238	1865279	+	3	26	K.KQILYLLGPPVGGGK.S	18
PSTAT+3499	proteomics_stat	1865298	1865354	+	3	9	R.LKSLMQLVPIYVLSANGER.S	23
PSTAT+3500	proteomics_stat	1865304	1865354	+	3	9	K.SLMQLVPIYVLSANGER.S	21
PSTAT+3501	proteomics_stat	1865355	1865438	+	3	4	R.SPVNDHPFCLFNPQEDAQILEKEYGIPR.R	32
PSTAT+3502	proteomics_stat	1865355	1865420	+	3	4	R.SPVNDHPFCLFNPQEDAQILEK.E	26
PSTAT+3503	proteomics_stat	1865442	1865477	+	3	2	R.YLGTIMSPWAAK.R	16
PSTAT+3504	proteomics_stat	1865478	1865510	+	3	7	K.RLHEFGGDITK.F	15
PSTAT+3505	proteomics_stat	1865484	1865510	+	3	4	L.HEFGGDITK.F	13
PSTAT+3506	proteomics_stat	1865526	1865564	+	3	9	K.VWPSILQQIAIAK.T	17
PSTAT+3507	proteomics_stat	1865565	1865615	+	3	13	K.TEPGDENNQDISALVGK.V	21
PSTAT+3508	proteomics_stat	1865628	1865690	+	3	27	R.KLEHYAQNDPDAYGYSGALCR.A	25
PSTAT+3509	proteomics_stat	1865631	1865690	+	3	4	K.LEHYAQNDPDAYGYSGALCR.A	24
PSTAT+3510	proteomics_stat	1865691	1865729	+	3	26	R.ANQGIMEFVEMFK.A	17
PSTAT+3511	proteomics_stat	1865691	1865741	+	3	2	R.ANQGIMEFVEMFKAPIK.V	21
PSTAT+3512	proteomics_stat	1865868	1865900	+	3	10	R.NNKNNEAFLDR.V	15
PSTAT+3513	proteomics_stat	1865964	1866029	+	3	15	K.LLNHSELTHAPCAPGTLETLSR.F	26
PSTAT+3514	proteomics_stat	1866048	1866083	+	3	19	R.LKEPENSSIYSK.M	16
PSTAT+3515	proteomics_stat	1866090	1866128	+	3	2	R.VYDGESLKDTPK.A	17
PSTAT+3516	proteomics_stat	1866153	1866197	+	3	22	R.DYAGVDEGMNGLSTR.F	19
PSTAT+3517	proteomics_stat	1866222	1866299	+	3	37	R.VFNFDHVEVAANPVHLFYVLEQQIER.E	30
PSTAT+3518	proteomics_stat	1866330	1866347	+	3	2	R.YLEFLK.G	10
PSTAT+3519	proteomics_stat	1866387	1866446	+	3	6	K.EIQTAYLESYSEYQNIIFDR.Y	24
PSTAT+3520	proteomics_stat	1866447	1866521	+	3	5	R.YVTYADFVIQDQEYRDPDTGQLFDR.E	29
PSTAT+3521	proteomics_stat	1866492	1866521	+	3	2	R.DPDTGQLFDR.E	14
PSTAT+3522	proteomics_stat	1866522	1866581	+	3	6	R.ESLNAELEKIEKPAGISNPK.D	24
PSTAT+3523	proteomics_stat	1866549	1866581	+	3	17	K.IEKPAGISNPK.D	15
PSTAT+3524	proteomics_stat	1866549	1866590	+	3	2	K.IEKPAGISNPKDFR.N	18
PSTAT+3525	proteomics_stat	1866582	1866617	+	3	4	K.DFRNEIVNFVLR.A	16
PSTAT+3526	proteomics_stat	1866591	1866617	+	3	2	R.NEIVNFVLR.A	13
PSTAT+3527	proteomics_stat	1866642	1866668	+	3	5	R.NPNWTSYEK.L	13
PSTAT+3528	proteomics_stat	1866690	1866743	+	3	8	K.KMFSNTEELLPVISFNAK.T	22
PSTAT+3529	proteomics_stat	1866693	1866743	+	3	8	K.MFSNTEELLPVISFNAK.T	21
PSTAT+3530	proteomics_stat	1866744	1866788	+	3	4	K.TSTDEQKKHDDFVDR.M	19
PSTAT+3531	proteomics_stat	1866768	1866788	+	3	2	K.HDDFVDR.M	11
PSTAT+3532	proteomics_stat	1867072	1867101	+	1	2	K.QSISEAINKR.S	14

PSTAT+3533	proteomics_stat	1867537	1867611	+	1	2	R.ELHALEENLAIISNSEPAQLLEEER.L	29
PSTAT+3534	proteomics_stat	1871676	1871702	+	3	3	R.VVTHEAVGK.C	13
PSTAT+3535	proteomics_stat	1871775	1871867	+	3	6	K.GNGVNVHVLAILAADQQADLSQLASHIGGLR.A	35
PSTAT+3536	proteomics_stat	1871868	1871951	+	3	3	R.ASLASPAEVDDELTCVFGAIPPFHFHPK.L	32
PSTAT+3537	proteomics_stat	1874951	1874989	+	2	4	K.RVYDPAEQSDGYR.I	17
PSTAT+3538	proteomics_stat	1875089	1875127	+	2	4	K.AFHGEVVYATFR.E	17
PSTAT+3539	proteomics_stat	1875128	1875175	+	2	4	R.EQYLAELAQHEQEGKR.L	20
PSTAT+3540	proteomics_stat	1875194	1875226	+	2	3	K.KQPLTLLYSK.N	15
PSTAT+3541	proteomics_stat	1875227	1875271	+	2	5	K.NTTQNHALVLADWLR.S	19
PSTAT+3542	proteomics_stat	1876486	1876557	+	1	2	I.GRLGGDEFVLVSLNENADISSLR.E	28
PSTAT+3543	proteomics_stat	1880887	1880949	+	1	2	R.FQQAHNGLAAIEEVIAHGPK.T	25
PSTAT+3544	proteomics_stat	1891424	1891546	+	2	9	R.WSDVVIHNNTLYYTGVPENLDADAFEQTANTLAQIDAVLEK.Q	45
PSTAT+3545	proteomics_stat	1891562	1891624	+	2	10	K.SSILDATIFLADKNDFAAMNK.A	25
PSTAT+3546	proteomics_stat	1891625	1891666	+	2	9	K.AWDVAVVAGHAPVR.C	18
PSTAT+3547	proteomics_stat	1891667	1891699	+	2	4	R.CTVQAGLMNPK.Y	15
PSTAT+3548	proteomics_stat	1893045	1893095	+	3	2	R.TTTTDDPLQVLQQLDR.A	21
PSTAT+3549	proteomics_stat	1894365	1894439	+	3	2	K.HAGQVAFPGGAVDDTDASAIAAALR.E	29
PSTAT+3550	proteomics_stat	1899476	1899556	+	2	4	A.LSRCFGGSLARMAMKTRLSIPSTISR.T	31
PSTAT+3551	proteomics_stat	1900075	1900128	+	1	27	V.TIAIVIGTHGWAAEQLLK.T	22
PSTAT+3552	proteomics_stat	1900129	1900215	+	1	6	K.TAEMLLGEQENVGWIDFVPGENAETLIEK.Y	33
PSTAT+3553	proteomics_stat	1900216	1900236	+	1	2	K.YNAQLAK.L	11
PSTAT+3554	proteomics_stat	1900252	1900308	+	1	36	K.GVLFLVDTWGGSPFNASR.I	23
PSTAT+3555	proteomics_stat	1900387	1900440	+	1	293	R.DDDPSFDELVALAVETGR.E	22
PSTAT+3556	proteomics_stat	1900480	1900512	+	1	8	K.AAPAPAAAAPK.A	15
PSTAT+3557	proteomics_stat	1900513	1900575	+	1	2	K.AAPTPAKPMGPNVDMVIGLAR.I	25
PSTAT+3558	proteomics_stat	1900588	1900614	+	1	2	R.LIHGQVATR.W	13
PSTAT+3559	proteomics_stat	1900642	1900686	+	1	11	R.IIVSDEVAADTVRK.T	19
PSTAT+3560	proteomics_stat	1900642	1900683	+	1	7	R.IIVSDEVAADTVR.K	18
PSTAT+3561	proteomics_stat	1900684	1900746	+	1	21	R.KTLLTQVAPPGVTAHVVDVAK.M	25
PSTAT+3562	proteomics_stat	1900687	1900746	+	1	14	K.TLLTQVAPPGVTAHVVDVAK.M	24
PSTAT+3563	proteomics_stat	1900789	1900827	+	1	8	R.VMLLFTNPTDVER.L	17
PSTAT+3564	proteomics_stat	1900849	1900884	+	1	4	K.ITSVNVGGMAFR.Q	16
PSTAT+3565	proteomics_stat	1900894	1900950	+	1	7	K.TQVNNAVSVDEKDIEAFKK.L	23
PSTAT+3566	proteomics_stat	1900894	1900929	+	1	4	K.TQVNNAVSVDEK.D	16
PSTAT+3567	proteomics_stat	1900894	1900947	+	1	2	K.TQVNNAVSVDEKDIEAFK.K	22
PSTAT+3568	proteomics_stat	1901847	1901903	+	3	3	R.VAGAPAQAAGNNDLDNELD.-	23
PSTAT+3569	proteomics_stat	1901922	1901951	+	3	2	M.VDTTQTTEK.K	14
PSTAT+3570	proteomics_stat	1901991	1902026	+	3	4	R.SNLFQGSWNFER.M	16
PSTAT+3571	proteomics_stat	1902027	1902071	+	3	10	R.MQALGFCFSMVPAR.R	19
PSTAT+3572	proteomics_stat	1902072	1902101	+	3	8	R.RLYPENNEAR.K	14
PSTAT+3573	proteomics_stat	1902120	1902197	+	3	216	R.HLEFFNTQPFVAAPILGVTLALEEQR.A	30
PSTAT+3574	proteomics_stat	1902198	1902242	+	3	6	R.ANGAEIDDGAINGIK.V	19
PSTAT+3575	proteomics_stat	1902243	1902314	+	3	4	K.VGLMGLAGVGDPIFWGTVRPVFA.A	28
PSTAT+3576	proteomics_stat	1902453	1902479	+	3	2	K.DMGGGFLQK.L	13
PSTAT+3577	proteomics_stat	1902537	1902572	+	3	8	K.WTHVNIPLVVSRI	16
PSTAT+3578	proteomics_stat	1907087	1907119	+	2	2	R.GTSTVQYLHTK.S	15

PSTAT+3579	proteomics_stat	1915948	1915992	+	1	5	K.GKEQDHFVALDTQPK.Y	19
PSTAT+3580	proteomics_stat	1916386	1916469	+	1	4	K.LELPSGAGLTADSTPLMYQGLEVGQLTK.L	32
PSTAT+3581	proteomics_stat	1916494	1916541	+	1	2	K.VTGEMTVDPSVVTLLR.E	20
PSTAT+3582	proteomics_stat	1917181	1917225	+	1	3	R.ANAFDIDLHIKPEYR.N	19
PSTAT+3583	proteomics_stat	1917334	1917381	+	1	2	K.GAISFDNLGASASQR.K	20
PSTAT+3584	proteomics_stat	1917619	1917708	+	1	2	R.FSVVTPQISAAGVEHLDTILQPYINVEPGR.G	34
PSTAT+3585	proteomics_stat	1918102	1918131	+	1	2	K.HFLLQESEPK.E	14
PSTAT+3586	proteomics_stat	1918661	1918708	+	2	2	R.MNNEGAILANEFSASR.V	20
PSTAT+3587	proteomics_stat	1918781	1918858	+	2	2	R.VFGAAVPEMFDAILLDAPCSGEGVVR.K	30
PSTAT+3588	proteomics_stat	1919327	1919377	+	2	2	R.DKELWLPVVGIEALIGK.V	21
PSTAT+3589	proteomics_stat	1919900	1919992	+	2	3	K.SDPDLCMQLDAWDAETSIPALLNGEHSVLYR.T	35
PSTAT+3590	proteomics_stat	1919993	1920031	+	2	3	R.TRYDQQSDAWIMR.L	17
PSTAT+3591	proteomics_stat	1928947	1928979	+	1	2	R.VMLLGSSELGK.E	15
PSTAT+3592	proteomics_stat	1928980	1929003	+	1	2	K.EVAIECQR.L	12
PSTAT+3593	proteomics_stat	1929070	1929108	+	1	7	R.SHVINMLDGDALR.R	17
PSTAT+3594	proteomics_stat	1929259	1929303	+	1	4	R.RLAAEELQLPTSTYR.F	19
PSTAT+3595	proteomics_stat	1929262	1929303	+	1	3	R.LAAEELQLPTSTYR.F	18
PSTAT+3596	proteomics_stat	1929412	1929441	+	1	4	R.SAEQLAQAWK.Y	14
PSTAT+3597	proteomics_stat	1929577	1929642	+	1	3	R.QEDGDYRESWQPQMSPLALER.A	26
PSTAT+3598	proteomics_stat	1929598	1929642	+	1	2	R.ESWQPQMSPLALER.A	19
PSTAT+3599	proteomics_stat	1929853	1929957	+	1	3	R.QYGPAAAVILPQLTSQNVTFDNVQNAVGDQLQIR.L	39
PSTAT+3600	proteomics_stat	1929958	1929990	+	1	5	R.LFGKPEIDGSR.R	15
PSTAT+3601	proteomics_stat	1929991	1930044	+	1	6	R.RLGVALATAESVVDIAIER.A	22
PSTAT+3602	proteomics_stat	1929994	1930044	+	1	27	R.LGVALATAESVVDIAIER.A	21
PSTAT+3603	proteomics_stat	1934694	1934723	+	3	2	K.IQSLEHLSK.S	14
PSTAT+3604	proteomics_stat	1934877	1934924	+	3	4	K.LHLAQSLANGTPYVNR.N	20
PSTAT+3605	proteomics_stat	1934925	1934966	+	3	2	R.NVNEDDSVESYTGK.I	18
PSTAT+3606	proteomics_stat	1935694	1935750	+	1	2	R.TKIVTTLGPATDRDNNLEK.V	23
PSTAT+3607	proteomics_stat	1935700	1935750	+	1	4	K.IVTTLGPATDRDNNLEK.V	21
PSTAT+3608	proteomics_stat	1935751	1935780	+	1	6	K.VIAAGANVVR.M	14
PSTAT+3609	proteomics_stat	1935862	1935897	+	1	14	R.HVAILGDLQGPK.I	16
PSTAT+3610	proteomics_stat	1935928	1935951	+	1	2	K.VFLNIGDK.F	12
PSTAT+3611	proteomics_stat	1935952	1935999	+	1	3	K.FLLDANLKGEGDKEK.V	20
PSTAT+3612	proteomics_stat	1936018	1936071	+	1	3	K.GLPADVVPGDILLDDGR.V	22
PSTAT+3613	proteomics_stat	1936084	1936107	+	1	2	K.VLEVQGMK.V	12
PSTAT+3614	proteomics_stat	1936108	1936152	+	1	2	K.VFTEVTVGGPLSNK.G	19
PSTAT+3615	proteomics_stat	1936165	1936221	+	1	4	K.LGGGLSAEALTEKDADIK.T	23
PSTAT+3616	proteomics_stat	1936165	1936203	+	1	2	K.LGGGLSAEALTEK.D	17
PSTAT+3617	proteomics_stat	1936165	1936209	+	1	4	K.LGGGLSAEALTEKDK.A	19
PSTAT+3618	proteomics_stat	1936222	1936269	+	1	38	K.TAALIGVDYLAVSFPR.C	20
PSTAT+3619	proteomics_stat	1936270	1936296	+	1	2	R.CGEDLNYAR.R	13
PSTAT+3620	proteomics_stat	1936351	1936422	+	1	6	R.AEAVCSQDAMDDIILASDVVMVAR.G	28
PSTAT+3621	proteomics_stat	1936423	1936473	+	1	5	R.GDLGVEIGDPELVGIQK.A	21
PSTAT+3622	proteomics_stat	1936567	1936680	+	1	48	R.AEVMDEVANAVLDGTDVAVMLSAETAAGQYPSETVAAMAR.V	42
PSTAT+3623	proteomics_stat	1936702	1936725	+	1	3	K.IPSINVSK.H	12
PSTAT+3624	proteomics_stat	1936732	1936803	+	1	4	R.LDVQFDNVEEAIAMSAMYAANHLK.G	28

PSTAT+3625	proteomics_stat	1936864	1936899	+	1	2	R.ISSGLPIFAMSR.H	16
PSTAT+3626	proteomics_stat	1936909	1936935	+	1	2	R.TLNLTYLR.G	13
PSTAT+3627	proteomics_stat	1936912	1936935	+	1	2	T.LNLTYLR.G	12
PSTAT+3628	proteomics_stat	1936936	1937010	+	1	8	R.GVTPVHFDSANDGVAAASEAVNLLR.D	29
PSTAT+3629	proteomics_stat	1940689	1940736	+	1	3	M.TSLVLENVSVSFGQR.R	20
PSTAT+3630	proteomics_stat	1940830	1940874	+	1	4	R.VVLGLVTPDEGVIKR.N	19
PSTAT+3631	proteomics_stat	1940911	1940949	+	1	2	K.LYLDTTPLTVNR.F	17
PSTAT+3632	proteomics_stat	1940959	1941003	+	1	10	R.LRPGTHKEDILPALK.R	19
PSTAT+3633	proteomics_stat	1941007	1941045	+	1	4	R.VQAGHLINAPMQK.L	17
PSTAT+3634	proteomics_stat	1941085	1941186	+	1	3	R.ALLNRPQLLVLDEPTQGVVDVNGQVALYDLIDQLR.R	38
PSTAT+3635	proteomics_stat	1941190	1941246	+	1	2	R.ELDCGVLVSHDLHLVMAK.T	23
PSTAT+3636	proteomics_stat	1944630	1944662	+	3	5	V.QNLFILFIKKR.Y	15
PSTAT+3637	proteomics_stat	1949021	1949086	+	2	3	R.VGWSADYAEALKQPVDAPSPAK.V	26
PSTAT+3638	proteomics_stat	1949087	1949161	+	2	3	K.VLPENWWQHPAALGATDSIEIKR.Q	29
PSTAT+3639	proteomics_stat	1950828	1950881	+	3	8	R.SVPGYSNIISMIGLAER.F	22
PSTAT+3640	proteomics_stat	1950849	1950950	+	3	2	N.IISMIGLAERFVQPGTQVYDLGCSLGAATLSVR.R	38
PSTAT+3641	proteomics_stat	1950882	1950950	+	3	2	R.FVQPGTQVYDLGCSLGAATLSVR.R	27
PSTAT+3642	proteomics_stat	1951173	1951220	+	3	4	K.IYQGLNPGGALVLEK.F	20
PSTAT+3643	proteomics_stat	1951242	1951283	+	3	2	K.VGELLFNMHHDFKR.A	18
PSTAT+3644	proteomics_stat	1951323	1951370	+	3	3	R.SMLENVMLTDSVETHK.A	20
PSTAT+3645	proteomics_stat	1951586	1951633	+	2	3	K.QWSNAVEFLPEIKPYR.L	20
PSTAT+3646	proteomics_stat	1951634	1951699	+	2	2	R.LDLLHSVTAESEEPSAGQIKR.I	26
PSTAT+3647	proteomics_stat	1951736	1951783	+	2	2	R.KGPFSLYGVNIDTEWR.S	20
PSTAT+3648	proteomics_stat	1951985	1952029	+	2	6	R.AHLLPLGIEQLPALK.A	19
PSTAT+3649	proteomics_stat	1958122	1958172	+	1	2	R.QAMIAAGAPADCEPQVR.Q	21
PSTAT+3650	proteomics_stat	1958185	1958232	+	1	3	K.VQFGDYQANGMMAVAK.K	20
PSTAT+3651	proteomics_stat	1958254	1958307	+	1	4	R.QLAEQVLTHLDLNGIASK.V	22
PSTAT+3652	proteomics_stat	1958308	1958397	+	1	14	K.VEIAGPGFINIFLDPAFLAEHVQQALASDR.L	34
PSTAT+3653	proteomics_stat	1958464	1958487	+	1	2	K.EMHVGHLR.S	12
PSTAT+3654	proteomics_stat	1958488	1958517	+	1	2	R.STIIGDAAVR.T	14
PSTAT+3655	proteomics_stat	1958677	1958712	+	1	2	K.KHYDEDEEFAER.A	16
PSTAT+3656	proteomics_stat	1958680	1958712	+	1	2	K.HYDEDEEFAER.A	15
PSTAT+3657	proteomics_stat	1958773	1958820	+	1	4	R.KLVDITMTQNQITYDR.L	20
PSTAT+3658	proteomics_stat	1958776	1958820	+	1	4	K.LVDITMTQNQITYDR.L	19
PSTAT+3659	proteomics_stat	1958821	1958904	+	1	2	R.LNVTLTRDDVMGESLYNPMLPGIVADLK.A	32
PSTAT+3660	proteomics_stat	1958842	1958904	+	1	5	R.DDVMGESLYNPMLPGIVADLK.A	25
PSTAT+3661	proteomics_stat	1958911	1958964	+	1	6	K.GLAVESEGATVFLDEFK.N	22
PSTAT+3662	proteomics_stat	1958965	1959003	+	1	4	K.NKEGEPMGVIIQK.K	17
PSTAT+3663	proteomics_stat	1959007	1959051	+	1	4	K.DGGYLYTTTDIACAK.Y	19
PSTAT+3664	proteomics_stat	1959145	1959210	+	1	3	R.KAGYVPESVPLEHHMFGMMLGK.D	26
PSTAT+3665	proteomics_stat	1959148	1959210	+	1	3	K.AGYVPESVPLEHHMFGMMLGK.D	25
PSTAT+3666	proteomics_stat	1959292	1959342	+	1	5	R.RLVAEKNPDMPADELEK.L	21
PSTAT+3667	proteomics_stat	1959292	1959375	+	1	4	R.RLVAEKNPDMPADELEKLANAVGIGAVK.Y	32
PSTAT+3668	proteomics_stat	1959295	1959342	+	1	4	R.LVAEKNPDMPADELEK.L	20
PSTAT+3669	proteomics_stat	1959343	1959375	+	1	5	K.LANAVGIGAVK.Y	15
PSTAT+3670	proteomics_stat	1959502	1959561	+	1	2	R.KAEIDEEQLAAAPVIREDR.E	24

PSTAT+3671	proteomics_stat	1959502	1959552	+	1	2	R.KAEIDEEQLAAAPVIIR.E	21
PSTAT+3672	proteomics_stat	1959505	1959552	+	1	2	K.AEIDEEQLAAAPVIIR.E	20
PSTAT+3673	proteomics_stat	1959775	1959813	+	1	2	K.LGLDTLGIETVER.M	17
PSTAT+3674	proteomics_stat	1977870	1977950	+	3	3	K.GHISLITLASDPEMYNQLAAPMLEDLR.S	31
PSTAT+3675	proteomics_stat	1982177	1982257	+	2	18	C.VPPNMPFINSLRPAPTRPNSPTISPLR.T	31
PSTAT+3676	proteomics_stat	1986875	1986907	+	2	7	R.HAQEEMTHMQR.L	15
PSTAT+3677	proteomics_stat	1986908	1986946	+	2	3	R.LFDYLTDGTLNLR.I	17
PSTAT+3678	proteomics_stat	1986947	1987039	+	2	12	R.INTVESPFAEYSSLDLDFQETYKHEQLITQK.I	35
PSTAT+3679	proteomics_stat	1986947	1987015	+	2	2	R.INTVESPFAEYSSLDLDFQETYK.H	27
PSTAT+3680	proteomics_stat	1987016	1987039	+	2	2	K.HEQLITQK.I	12
PSTAT+3681	proteomics_stat	1987145	1987177	+	2	3	K.SIIDKLSLAGK.S	15
PSTAT+3682	proteomics_stat	1987178	1987234	+	2	10	K.SGEGLYFIDKELSTLDTQN.-	23
PSTAT+3683	proteomics_stat	1993845	1993910	+	3	3	M.STPDFSTAENQELANEVSLK.A	26
PSTAT+3684	proteomics_stat	1993911	1993961	+	3	52	K.AMLTMLQAMGQADAGR.V	21
PSTAT+3685	proteomics_stat	1994330	1994374	+	2	5	S.GVITISSFKRIRAIR.L	19
PSTAT+3686	proteomics_stat	2004804	2004830	+	3	3	R.NHAVTEEIK.Y	13
PSTAT+3687	proteomics_stat	2005392	2005451	+	3	2	R.FAHGVQTLFFDHPNCIAFSR.S	24
PSTAT+3688	proteomics_stat	2005515	2005547	+	3	6	K.TIHLGENYGNK.T	15
PSTAT+3689	proteomics_stat	2007599	2007667	+	2	2	K.KGEILEVSDCPQSINNIPLDAR.N	27
PSTAT+3690	proteomics_stat	2007668	2007718	+	2	8	R.NHGYTVLDIQDQGPTIR.Y	21
PSTAT+3691	proteomics_stat	2013384	2013473	+	3	2	R.IATFGGVQPAALAELEVLNGLLDGQNLKR.S	34
PSTAT+3692	proteomics_stat	2023016	2023117	+	2	3	K.TAKEYSDTAKREVSVDVDALLAAINEISESEVHR.S	38
PSTAT+3693	proteomics_stat	2023046	2023117	+	2	18	K.REVSVVDVDALLAAINEISESEVHR.S	28
PSTAT+3694	proteomics_stat	2023049	2023117	+	2	24	R.EVSVVDVDALLAAINEISESEVHR.S	27
PSTAT+3695	proteomics_stat	2023118	2023156	+	2	9	R.SQNDSEHVSVDGR.E	17
PSTAT+3696	proteomics_stat	2023175	2023234	+	2	7	R.ELADAFELDIHDFSVSEVNR.-	24
PSTAT+3697	proteomics_stat	2023640	2023681	+	2	3	R.LREANVPVILCSSK.T	18
PSTAT+3698	proteomics_stat	2024027	2024065	+	2	2	R.LNELGLQFMQGAR.F	17
PSTAT+3699	proteomics_stat	2024066	2024098	+	2	4	R.FWHVLDASAGK.D	15
PSTAT+3700	proteomics_stat	2024099	2024149	+	2	3	K.DQAANWIIATYQQLSGK.R	21
PSTAT+3701	proteomics_stat	2024150	2024230	+	2	23	K.RPTTLGLGDGPNDAPLLEVMDYAVIVK.G	31
PSTAT+3702	proteomics_stat	2033880	2033996	+	3	3	K.NPQVDIAEDNAFFPSEYSLSQYTSPVSDLDGVDYPKPYR.G	43
PSTAT+3703	proteomics_stat	2033880	2033987	+	3	3	K.NPQVDIAEDNAFFPSEYSLSQYTSPVSDLDGVDYPK.P	40
PSTAT+3704	proteomics_stat	2034009	2034035	+	3	5	K.ILVIAADER.Y	13
PSTAT+3705	proteomics_stat	2034039	2034059	+	3	2	Y.LPTDNGK.L	11
PSTAT+3706	proteomics_stat	2034060	2034110	+	3	2	K.LFSTGNHPIETLLPLYH.L	21
PSTAT+3707	proteomics_stat	2034168	2034203	+	3	10	K.FEYWAMPHKDEK.V	16
PSTAT+3708	proteomics_stat	2034207	2034230	+	3	4	V.MPFQHK.S	12
PSTAT+3709	proteomics_stat	2034396	2034443	+	3	5	R.FVISLCHGPA AFLALR.H	20
PSTAT+3710	proteomics_stat	2034444	2034503	+	3	7	R.HGDNPLNGYSICAFPDAADK.Q	24
PSTAT+3711	proteomics_stat	2034504	2034569	+	3	7	K.QTPEIGYMPGHILTWFGEELKK.M	26
PSTAT+3712	proteomics_stat	2034570	2034608	+	3	6	K.MGMNIINDDITGR.V	17
PSTAT+3713	proteomics_stat	2034624	2034671	+	3	17	R.KLLTGDS PFAANALGK.L	20
PSTAT+3714	proteomics_stat	2034627	2034671	+	3	7	K.LLTGDS PFAANALGK.L	19
PSTAT+3715	proteomics_stat	2037196	2037237	+	1	3	K.ALWPEQTATTGDYR.V	18
PSTAT+3716	proteomics_stat	2037268	2037324	+	1	7	K.KQNLESFFPEIPVEFHINK.V	23



PSTAT+3717	proteomics_stat	2037325	2037384	+	1	4	K.VNEHYHVPLLLSQYGSTYR.G	24
PSTAT+3718	proteomics_stat	2037688	2037750	+	1	2	K.ALEFSKPAAWQNNLPLTPADK.V	25
PSTAT+3719	proteomics_stat	2037751	2037792	+	1	2	K.VSGYNNFYEFGLDK.A	18
PSTAT+3720	proteomics_stat	2037751	2037825	+	1	2	K.VSGYNNFYEFGLDKADPAANAGSLK.T	29
PSTAT+3721	proteomics_stat	2037847	2037900	+	1	2	K.ISGEVAKPLTLDHDDLTR.R	22
PSTAT+3722	proteomics_stat	2038282	2038368	+	1	3	R.ERPPTTWNLAAPDEYGFYANVNPYVDHPR.W	33
PSTAT+3723	proteomics_stat	2039480	2039515	+	2	3	H.SHGKPLTEVEQK.A	16
PSTAT+3724	proteomics_stat	2039492	2039515	+	2	2	K.PLTEVEQK.A	12
PSTAT+3725	proteomics_stat	2039513	2039557	+	2	4	Q.KAANGVFDDANVQNR.T	19
PSTAT+3726	proteomics_stat	2039516	2039557	+	2	61	K.AANGVFDDANVQNR.T	18
PSTAT+3727	proteomics_stat	2039519	2039557	+	2	3	A.ANGVFDDANVQNR.T	17
PSTAT+3728	proteomics_stat	2039522	2039557	+	2	3	A.NGVFDDANVQNR.T	16
PSTAT+3729	proteomics_stat	2039558	2039638	+	2	26	R.TLSDWDGVMQSVYPLLQSGKLDPVFQK.K	31
PSTAT+3730	proteomics_stat	2039558	2039617	+	2	78	R.TLSDWDGVMQSVYPLLQSGK.L	24
PSTAT+3731	proteomics_stat	2039561	2039617	+	2	3	T.LSDWDGVMQSVYPLLQSGK.L	23
PSTAT+3732	proteomics_stat	2039564	2039617	+	2	4	L.SDWDGVMQSVYPLLQSGK.L	22
PSTAT+3733	proteomics_stat	2039588	2039638	+	2	3	Q.SVYPLLQSGKLDPVFQK.K	21
PSTAT+3734	proteomics_stat	2039621	2039638	+	2	2	L.DPVFQK.K	10
PSTAT+3735	proteomics_stat	2039657	2039695	+	2	2	K.TKTFAEIKDYHK.G	17
PSTAT+3736	proteomics_stat	2039663	2039695	+	2	81	K.TFAEIKDYHK.G	15
PSTAT+3737	proteomics_stat	2039666	2039695	+	2	16	T.FAEIKDYHK.G	14
PSTAT+3738	proteomics_stat	2039669	2039695	+	2	5	F.AEIKDYHK.G	13
PSTAT+3739	proteomics_stat	2039696	2039755	+	2	2027	K.GYATDIEMIGIEDGIVEFHR.N	24
PSTAT+3740	proteomics_stat	2039756	2039800	+	2	9	R.NNETTSCKYDYDGYK.I	19
PSTAT+3741	proteomics_stat	2039780	2039800	+	2	3	K.YDYDGYK.I	11
PSTAT+3742	proteomics_stat	2039783	2039800	+	2	2	Y.DYDGYK.I	10
PSTAT+3743	proteomics_stat	2039837	2039869	+	2	15	R.YLFECKDPESK.A	15
PSTAT+3744	proteomics_stat	2039840	2039869	+	2	8	Y.LFECKDPESK.A	14
PSTAT+3745	proteomics_stat	2039843	2039869	+	2	2	L.FECKDPESK.A	13
PSTAT+3746	proteomics_stat	2039876	2039914	+	2	3	P.KYIQFSDHIIAPR.K	17
PSTAT+3747	proteomics_stat	2039879	2039914	+	2	48	K.YIQFSDHIIAPR.K	16
PSTAT+3748	proteomics_stat	2039882	2039914	+	2	5	Y.IQFSDHIIAPR.K	15
PSTAT+3749	proteomics_stat	2039888	2039914	+	2	4	Q.FSDHIIAPR.K	13
PSTAT+3750	proteomics_stat	2039894	2039914	+	2	2	S.DHIIAPR.K	11
PSTAT+3751	proteomics_stat	2047492	2047545	+	1	4	S.DGGKVITDAEGKAKVTLK.G	22
PSTAT+3752	proteomics_stat	2053097	2053171	+	2	24	K.GSGLTPAQALDKLDALYEQSVVALR.N	29
PSTAT+3753	proteomics_stat	2053172	2053225	+	2	2	R.NAIGNYITSGELPDENAR.K	22
PSTAT+3754	proteomics_stat	2053226	2053294	+	2	4	R.KQGLFVYPSLTVTWDGSTTNPBK.T	27
PSTAT+3755	proteomics_stat	2053616	2053639	+	2	2	R.RVDFSLAR.L	12
PSTAT+3756	proteomics_stat	2053646	2053708	+	2	2	R.HYTGTPEVHFQPFVLTNYTR.Y	25
PSTAT+3757	proteomics_stat	2054015	2054062	+	2	4	R.ESQAIGDYVLAHAYLR.D	20
PSTAT+3758	proteomics_stat	2054063	2054131	+	2	4	R.DDHVLDVLPDIPISIAEVQR.A	27
PSTAT+3759	proteomics_stat	2054153	2054185	+	2	3	K.LVSGRPGEEVK.Q	15
PSTAT+3760	proteomics_stat	2054198	2054227	+	2	2	R.TGTVVTTDDR.N	14
PSTAT+3761	proteomics_stat	2054198	2054242	+	2	2	R.TGTVVTTDDRNWELR.Y	19
PSTAT+3762	proteomics_stat	2054279	2054329	+	2	3	R.AVAIDMESATIAAQGYR.F	21

PSTAT+3763	proteomics_stat	2054336	2054392	+	2	5	R.VPYGTLLCVSDKPLHGEIK.L	23
PSTAT+3764	proteomics_stat	2054414	2054458	+	2	2	R.FYEGAISEHLQIGIR.A	19
PSTAT+3765	proteomics_stat	2055092	2055130	+	2	2	K.AKGGGDETFVQGR.Y	17
PSTAT+3766	proteomics_stat	2055098	2055130	+	2	2	K.GGGDETFVQGR.Y	15
PSTAT+3767	proteomics_stat	2055131	2055196	+	2	6	R.YEGFGPNGSMIIAETLTSNVNR.T	26
PSTAT+3768	proteomics_stat	2069929	2069997	+	1	2	R.VNPGGSVSDTVISAGGGQSLQGR.A	27
PSTAT+3769	proteomics_stat	2070400	2070438	+	1	5	K.NGGVAGNTTVNQK.G	17
PSTAT+3770	proteomics_stat	2070646	2070675	+	1	3	R.VDDGGTLDVR.N	14
PSTAT+3771	proteomics_stat	2071474	2071533	+	1	2	K.TILNLVNAGNSASGLATSGK.G	24
PSTAT+3772	proteomics_stat	2071603	2071638	+	1	2	R.LQAGAFNYSLNR.D	16
PSTAT+3773	proteomics_stat	2081005	2081040	+	1	3	R.AKGENEAFAAR.I	16
PSTAT+3774	proteomics_stat	2081500	2081547	+	1	2	R.GNTSWVAPLAWHPENR.N	20
PSTAT+3775	proteomics_stat	2088327	2088371	+	3	2	Q.RLIAMAENMPIDILR.V	19
PSTAT+3776	proteomics_stat	2088330	2088371	+	3	6	R.LIAMAENMPIDILR.V	18
PSTAT+3777	proteomics_stat	2088531	2088590	+	3	8	R.LSLATPVDEAWDGPLSLNGK.R	24
PSTAT+3778	proteomics_stat	2088594	2088623	+	3	4	R.IATSYPHLLK.R	14
PSTAT+3779	proteomics_stat	2088657	2088695	+	3	7	K.SCLLNGSVEVAPR.A	17
PSTAT+3780	proteomics_stat	2088696	2088764	+	3	11	R.AGLADAICDLVSTGATLEANGLR.E	27
PSTAT+3781	proteomics_stat	2088696	2088785	+	3	9	R.AGLADAICDLVSTGATLEANGLREVEVIYR.S	34
PSTAT+3782	proteomics_stat	2088810	2088851	+	3	2	R.DGEMEESKQQLIDK.L	18
PSTAT+3783	proteomics_stat	2088810	2088833	+	3	3	R.DGEMEESK.Q	12
PSTAT+3784	proteomics_stat	2088897	2089001	+	3	2	K.YIMMCHAPTERLDEVIALLPGAERPTILPLAGDQQR.V	39
PSTAT+3785	proteomics_stat	2088897	2088926	+	3	6	K.YIMMCHAPTER.L	14
PSTAT+3786	proteomics_stat	2088927	2089001	+	3	8	R.LDEVIALLPGAERPTILPLAGDQQR.V	29
PSTAT+3787	proteomics_stat	2089002	2089055	+	3	5	R.VAMHMVSSETLFWETMEK.L	22
PSTAT+3788	proteomics_stat	2089062	2089103	+	3	2	K.ALGASSILVPIEK.M	18
PSTAT+3789	proteomics_stat	2089124	2089174	+	2	3	M.SFNIIIDWNSCTAEQQR.Q	21
PSTAT+3790	proteomics_stat	2089175	2089222	+	2	8	R.QLLMRPAISASESITR.T	20
PSTAT+3791	proteomics_stat	2089223	2089252	+	2	2	R.TVNDILDNVK.A	14
PSTAT+3792	proteomics_stat	2089292	2089321	+	2	7	K.FDKTTVTALK.V	14
PSTAT+3793	proteomics_stat	2089322	2089357	+	2	6	K.VSAEEIAAASER.L	16
PSTAT+3794	proteomics_stat	2089400	2089468	+	2	6	K.NIETFHTAQKLPVDVETQPGVR.C	27
PSTAT+3795	proteomics_stat	2089400	2089429	+	2	13	K.NIETFHTAQK.L	14
PSTAT+3796	proteomics_stat	2089430	2089468	+	2	7	K.LPPVDVETQPGVR.C	17
PSTAT+3797	proteomics_stat	2089727	2089774	+	2	8	K.VDKIFGPGNAFVTEAK.R	20
PSTAT+3798	proteomics_stat	2089727	2089777	+	2	3	K.VDKIFGPGNAFVTEAKR.Q	21
PSTAT+3799	proteomics_stat	2089736	2089774	+	2	3	K.IFGPGNAFVTEAK.R	17
PSTAT+3800	proteomics_stat	2089958	2089981	+	2	3	R.RVAEAVER.Q	12
PSTAT+3801	proteomics_stat	2090054	2090119	+	2	2	K.DLAQCVEISNQYGPEHLIIQTR.N	26
PSTAT+3802	proteomics_stat	2090312	2090365	+	2	19	K.EGFSALASTIETLAAAER.L	22
PSTAT+3803	proteomics_stat	2090399	2090422	+	2	2	R.VNALKEQA.-	12
PSTAT+3804	proteomics_stat	2090494	2090604	+	1	4	R.RLGGNGDVVLNANEYPTAVEFQLTQQTLNRYPECQPK.A	41
PSTAT+3805	proteomics_stat	2090497	2090583	+	1	2	R.LGGNGDVVLNANEYPTAVEFQLTQQTLNR.Y	33
PSTAT+3806	proteomics_stat	2090605	2090667	+	1	9	K.AVIENYAQYAGVKPEQVLVSR.G	25
PSTAT+3807	proteomics_stat	2090797	2090865	+	1	2	R.TVPTLDNWQLDLQGISDKLDGVK.V	27
PSTAT+3808	proteomics_stat	2090797	2090850	+	1	2	R.TVPTLDNWQLDLQGISDK.L	22

PSTAT+3809	proteomics_stat	2090866	2090928	+	1	5	K.VVYVCSPPNPTGQLINPQDFR.T	25
PSTAT+3810	proteomics_stat	2091088	2091135	+	1	4	R.CGFTLANEEVINLLMK.V	20
PSTAT+3811	proteomics_stat	2091136	2091219	+	1	9	K.VIAPYPLSTPVADIAAQALSPQGIVAMR.E	32
PSTAT+3812	proteomics_stat	2091226	2091249	+	1	4	R.VAQIIAER.E	12
PSTAT+3813	proteomics_stat	2091250	2091273	+	1	2	R.EYLIAALK.E	12
PSTAT+3814	proteomics_stat	2091274	2091330	+	1	4	K.EIPCVEQVDFSETNYILAR.F	23
PSTAT+3815	proteomics_stat	2091388	2091426	+	1	5	R.DQNKQPSLSGCLR.I	17
PSTAT+3816	proteomics_stat	2091427	2091459	+	1	3	R.ITVGTREESQR.V	15
PSTAT+3817	proteomics_stat	2091504	2091578	+	3	2	K.YLFIDRDGTLISEPPSDFQVDRFDK.L	29
PSTAT+3818	proteomics_stat	2091522	2091569	+	3	10	R.DGTLISEPPSDFQVDR.F	20
PSTAT+3819	proteomics_stat	2091570	2091617	+	3	2	R.FDKLAFEPGVIPPELLK.L	20
PSTAT+3820	proteomics_stat	2091579	2091617	+	3	2	K.LAFEPGVIPPELLK.L	17
PSTAT+3821	proteomics_stat	2091831	2091857	+	3	3	R.YLAEQAMDR.A	13
PSTAT+3822	proteomics_stat	2091885	2091932	+	3	3	R.ATDIQLAENMGITGLR.Y	20
PSTAT+3823	proteomics_stat	2091933	2091983	+	3	3	R.YDRETLNWPIMIGEQLTR.R	21
PSTAT+3824	proteomics_stat	2091942	2091983	+	3	2	R.ETLNWPIMIGEQLTR.R	18
PSTAT+3825	proteomics_stat	2092071	2092136	+	3	7	K.INTGVGFFDHMLDQIATHGGFR.M	26
PSTAT+3826	proteomics_stat	2092155	2092223	+	3	5	K.GDLYIDDHHTVEDTGLALGEALK.I	27
PSTAT+3827	proteomics_stat	2092296	2092337	+	3	6	R.CALDISGRPHLEYK.A	18
PSTAT+3828	proteomics_stat	2092359	2092400	+	3	7	R.VGDLSTEMIEHFFR.S	18
PSTAT+3829	proteomics_stat	2092506	2092547	+	3	2	R.QAIRVEGDTLPSSK.G	18
PSTAT+3830	proteomics_stat	2092518	2092547	+	3	5	R.VEGDTLPSSK.G	14
PSTAT+3831	proteomics_stat	2092559	2092609	+	2	5	V.MNVVILDTGCANLNSVK.S	21
PSTAT+3832	proteomics_stat	2092643	2092732	+	2	13	K.VSRDPDVLLADKFLPGVGTQAAMDQVR.E	34
PSTAT+3833	proteomics_stat	2092643	2092681	+	2	6	K.VSRDPDVLLADK.L	17
PSTAT+3834	proteomics_stat	2092652	2092681	+	2	2	R.DPDVLLADK.L	14
PSTAT+3835	proteomics_stat	2092682	2092732	+	2	4	K.LFLPGVGTQAAMDQVR.E	21
PSTAT+3836	proteomics_stat	2092814	2092873	+	2	3	R.RSEESNGVDLLGIIDEDVPK.M	24
PSTAT+3837	proteomics_stat	2092874	2092918	+	2	4	K.MTDFGLPLPHMGWNR.V	19
PSTAT+3838	proteomics_stat	2093066	2093101	+	2	3	K.DNFYGVQFHPER.S	16
PSTAT+3839	proteomics_stat	2093149	2093193	+	1	2	V.MIIPALDLIDGTVVR.L	19
PSTAT+3840	proteomics_stat	2093194	2093217	+	1	8	R.LHQGDYQK.Q	12
PSTAT+3841	proteomics_stat	2093224	2093250	+	1	2	R.DYGNDPLPR.L	13
PSTAT+3842	proteomics_stat	2093251	2093328	+	1	6	R.LQDYAAQGAEVHLVLDLTGAKDPAKR.Q	30
PSTAT+3843	proteomics_stat	2093347	2093397	+	1	5	K.TLVAGVNVVQVGGGVR.S	21
PSTAT+3844	proteomics_stat	2093563	2093646	+	1	5	K.QVAVSGWQENSGVSLEQLVETYLPLVGLK.H	32
PSTAT+3845	proteomics_stat	2093647	2093673	+	1	6	K.HVLTDIR.D	13
PSTAT+3846	proteomics_stat	2093674	2093727	+	1	2	R.DGTLAGSNVSLYEEVCAR.Y	22
PSTAT+3847	proteomics_stat	2093940	2093978	+	3	16	R.NHEIIGDIVPLAK.R	17
PSTAT+3848	proteomics_stat	2094072	2094119	+	3	3	R.VAEVIDIPFCVAGGIK.S	20
PSTAT+3849	proteomics_stat	2094141	2094212	+	3	3	K.ILSFGADKISINSPALADPTLITR.L	28
PSTAT+3850	proteomics_stat	2094165	2094212	+	3	5	K.ISINSPALADPTLITR.L	20
PSTAT+3851	proteomics_stat	2094285	2094320	+	3	7	K.YHVNQYTGDESR.T	16
PSTAT+3852	proteomics_stat	2094327	2094371	+	3	7	R.VTQWETLDWVQEVQK.R	19
PSTAT+3853	proteomics_stat	2094372	2094422	+	3	2	K.RGAGEIVLNMMNQDGVR.N	21
PSTAT+3854	proteomics_stat	2094375	2094422	+	3	2	R.GAGEIVLNMMNQDGVR.N	20

PSTAT+3855	proteomics_stat	2094423	2094452	+	3	3	R.NGYDLEQLKK.V	14
PSTAT+3856	proteomics_stat	2094459	2094530	+	3	13	R.EVCHVPLIASGGAGTMEHFLEAFR.D	28
PSTAT+3857	proteomics_stat	2094531	2094575	+	3	2	R.DADVDGALAASVFHK.Q	19
PSTAT+3858	proteomics_stat	2094603	2094635	+	3	2	K.AYLATQGVEIR.I	15
PSTAT+3859	proteomics_stat	2094680	2094769	+	2	3	K.TDGLMPVIVQHAVSGEVLMLGYMNPALDK.T	34
PSTAT+3860	proteomics_stat	2095013	2095048	+	2	9	R.KSADPETSYTAK.L	16
PSTAT+3861	proteomics_stat	2095016	2095048	+	2	4	K.SADPETSYTAK.L	15
PSTAT+3862	proteomics_stat	2113012	2113059	+	1	11	H.EIVTTVNSDCRVINAR.F	20
PSTAT+3863	proteomics_stat	2122290	2122352	+	3	4	R.FENNVLGKQVLTQLFRDNKA.V	25
PSTAT+3864	proteomics_stat	2136931	2137011	+	1	11	R.LVVTDGDDAEDLLGVVHVIDLLQQSLR.G	31
PSTAT+3865	proteomics_stat	2152205	2152261	+	2	2	R.SGPLAPVQAATAVEQAVPR.Y	23
PSTAT+3866	proteomics_stat	2152313	2152369	+	2	2	R.SRVDGQLIALHFQEGQQVK.A	23
PSTAT+3867	proteomics_stat	2153201	2153245	+	2	2	K.VEVVEAQSATTPEEK.A	19
PSTAT+3868	proteomics_stat	2155474	2155530	+	1	2	R.LGISMADVDNALYNAFGQR.L	23
PSTAT+3869	proteomics_stat	2162696	2162746	+	2	2	R.ELQQQDAESPLIIDEGR.F	21
PSTAT+3870	proteomics_stat	2162846	2162881	+	2	2	R.EQLLNHLYDDYR.V	16
PSTAT+3871	proteomics_stat	2162930	2162968	+	2	2	R.KLESLEDAEQSFIR.A	17
PSTAT+3872	proteomics_stat	2163273	2163320	+	3	8	K.AGNGETILTSELYTSK.T	20
PSTAT+3873	proteomics_stat	2163354	2163386	+	3	2	R.SNSPQEERYEK.K	15
PSTAT+3874	proteomics_stat	2163426	2163482	+	3	32	K.AANHQIIGSSQMYATAQSR.E	23
PSTAT+3875	proteomics_stat	2163507	2163542	+	3	5	K.ANGTSQTVKDNT.-	16
PSTAT+3876	proteomics_stat	2163692	2163733	+	2	5	I.MFKPELLSPAGTLK.N	18
PSTAT+3877	proteomics_stat	2163803	2163871	+	2	3	R.VRNNEFNHENLQLGINEAHALGK.K	27
PSTAT+3878	proteomics_stat	2163809	2163871	+	2	5	R.NNEFNHENLQLGINEAHALGK.K	25
PSTAT+3879	proteomics_stat	2163875	2163913	+	2	2	K.FYVVVNIAPHNAK.L	17
PSTAT+3880	proteomics_stat	2163932	2164006	+	2	8	R.DLKPVVEMGPDALIMSDPGLIMLVR.E	29
PSTAT+3881	proteomics_stat	2164610	2164687	+	2	4	R.KAIDDAAGKPFDTSLLETLEGLAHR.G	30
PSTAT+3882	proteomics_stat	2164613	2164687	+	2	6	K.AIDDAAGKPFDTSLLETLEGLAHR.G	29
PSTAT+3883	proteomics_stat	2164715	2164768	+	2	5	R.HTHDDYQNYEYGYSVSDR.Q	22
PSTAT+3884	proteomics_stat	2164802	2164831	+	2	7	R.KGDLAAVAVK.N	14
PSTAT+3885	proteomics_stat	2168335	2168391	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+3886	proteomics_stat	2168335	2168391	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+3887	proteomics_stat	2168335	2168391	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+3888	proteomics_stat	2168335	2168391	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+3889	proteomics_stat	2168335	2168391	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+3890	proteomics_stat	2168901	2168948	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+3891	proteomics_stat	2168901	2168948	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+3892	proteomics_stat	2168901	2168948	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+3893	proteomics_stat	2168901	2168948	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+3894	proteomics_stat	2168901	2168948	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+3895	proteomics_stat	2185060	2185122	+	1	3	A.GSTNTSGISKYELSSFIADFK.H	25
PSTAT+3896	proteomics_stat	2190102	2190206	+	3	6	E.SPPASNLHGDSAIFPLIVNVPVSTSAANTPALIKK.E	39
PSTAT+3897	proteomics_stat	2192448	2192507	+	3	5	R.GHEVNFICADDAHGTPIMLK.A	24
PSTAT+3898	proteomics_stat	2192508	2192633	+	3	2	K.AQQLGITPEQMIGEMSQEHQTDFAFGFNISYDNYHSTHSEENR.Q	46
PSTAT+3899	proteomics_stat	2192691	2192720	+	3	3	R.TISQLYDPEK.G	14
PSTAT+3900	proteomics_stat	2192691	2192741	+	3	2	R.TISQLYDPEKGMFLPDR.F	21

PSTAT+3901	proteomics_stat	2192847	2192879	+	3	4	K.SVMSGATPVMR.D	15
PSTAT+3902	proteomics_stat	2192943	2192975	+	3	7	R.SGALQEQVANK.M	15
PSTAT+3903	proteomics_stat	2192976	2193023	+	3	15	K.MQEWFEGLQQWDISR.D	20
PSTAT+3904	proteomics_stat	2192979	2193023	+	3	2	M.QEWFESGLQQWDISR.D	19
PSTAT+3905	proteomics_stat	2193024	2193068	+	3	8	R.DAPYFGFEIPNAPGK.Y	19
PSTAT+3906	proteomics_stat	2193069	2193119	+	3	5	K.YFYVWLDAPIGYMGFSK.N	21
PSTAT+3907	proteomics_stat	2193135	2193170	+	3	5	K.RGDSVSFDEYWK.K	16
PSTAT+3908	proteomics_stat	2193171	2193209	+	3	5	K.KDSTAELYHFIGK.D	17
PSTAT+3909	proteomics_stat	2193174	2193209	+	3	2	K.DSTAELYHFIGK.D	16
PSTAT+3910	proteomics_stat	2193351	2193392	+	3	4	K.ASTWLNHFADSLR.Y	18
PSTAT+3911	proteomics_stat	2193423	2193464	+	3	5	R.IDDIDLNLEDFVQR.V	18
PSTAT+3912	proteomics_stat	2193465	2193488	+	3	3	R.VNADIVNK.V	12
PSTAT+3913	proteomics_stat	2193510	2193530	+	3	2	R.NAGFINK.R	11
PSTAT+3914	proteomics_stat	2193531	2193581	+	3	6	K.RFDGVLASELADPQLYK.T	21
PSTAT+3915	proteomics_stat	2193534	2193581	+	3	3	R.FDGVLASELADPQLYK.T	20
PSTAT+3916	proteomics_stat	2193582	2193629	+	3	13	K.TFTDAAEVIGEAWESR.E	20
PSTAT+3917	proteomics_stat	2193651	2193683	+	3	2	R.EIMALADLANR.Y	15
PSTAT+3918	proteomics_stat	2193651	2193719	+	3	3	R.EIMALADLANRYVDEQAPWVVAK.Q	27
PSTAT+3919	proteomics_stat	2193732	2193779	+	3	3	R.DADLQAICSMGINLFR.V	20
PSTAT+3920	proteomics_stat	2193780	2193815	+	3	6	R.VLMTYLKPVLPK.L	16
PSTAT+3921	proteomics_stat	2193828	2193893	+	3	9	R.AEAFNLTELTWDGIQQPLLGHK.V	26
PSTAT+3922	proteomics_stat	2193936	2193977	+	3	5	R.QVEALVEASKEEVK.A	18
PSTAT+3923	proteomics_stat	2193978	2194055	+	3	12	K.AAAAPVTGPLADDPIQETITFDDFAK.V	30
PSTAT+3924	proteomics_stat	2194068	2194112	+	3	8	R.VALIENAEFVEGSDK.L	19
PSTAT+3925	proteomics_stat	2194209	2194241	+	3	4	R.HTIMVANLAPR.K	15
PSTAT+3926	proteomics_stat	2194251	2194298	+	3	4	R.FGISEGMVMAAGPGGK.D	20
PSTAT+3927	proteomics_stat	2194251	2194352	+	3	4	R.FGISEGMVMAAGPGGKDIFLLSPDAGAKPGHQVK.-	38
PSTAT+3928	proteomics_stat	2194299	2194352	+	3	11	K.DIFLLSPDAGAKPGHQVK.-	22
PSTAT+3929	proteomics_stat	2194299	2194334	+	3	2	K.DIFLLSPDAGAK.P	16
PSTAT+3930	proteomics_stat	2208759	2208812	+	3	2	I.DTGTTGDDDKNPNCLGAGR.R	22
PSTAT+3931	proteomics_stat	2220261	2220299	+	3	4	R.LVGSSHLLTDPK.T	17
PSTAT+3932	proteomics_stat	2220327	2220386	+	3	4	R.SGQGDALAVVFPGLLELWR.V	24
PSTAT+3933	proteomics_stat	2220543	2220593	+	3	2	K.GEQVLAYPGTTLYSLEK.A	21
PSTAT+3934	proteomics_stat	2220900	2220932	+	3	5	R.VRDIEADTPAR.Y	15
PSTAT+3935	proteomics_stat	2220906	2220932	+	3	4	R.DIEADTPAR.Y	13
PSTAT+3936	proteomics_stat	2220933	2220983	+	3	3	R.YNADPDRLFESSGCAGK.L	21
PSTAT+3937	proteomics_stat	2221089	2221142	+	3	3	R.HILANFENLPVAGEYMR.D	22
PSTAT+3938	proteomics_stat	2221311	2221346	+	3	6	K.FGHLFSPHPPR.M	16
PSTAT+3939	proteomics_stat	2221362	2221391	+	3	3	R.DKYEHLLK.M	14
PSTAT+3940	proteomics_stat	2221446	2221493	+	3	2	K.QAEGDFVCTPEEGSK.A	20
PSTAT+3941	proteomics_stat	2221836	2221886	+	3	2	K.FYRENDPTNSMNPBGIGK.T	21
PSTAT+3942	proteomics_stat	2221845	2221886	+	3	4	R.ENDPTNSMNPBGIGK.T	18
PSTAT+3943	proteomics_stat	2229878	2229991	+	2	10	R.FQTAFACLADNLQSALEPILADKYFPALLTGEQVSSLK.S	42
PSTAT+3944	proteomics_stat	2229878	2229946	+	2	7	R.FQTAFACLADNLQSALEPILADK.Y	27
PSTAT+3945	proteomics_stat	2229992	2230060	+	2	4	K.SATGLDEDALAFALLPLAACAR.T	27
PSTAT+3946	proteomics_stat	2230061	2230099	+	2	4	R.TPLSNFNVGAIAR.G	17

PSTAT+3947	proteomics_stat	2230265	2230303	+	2	4	R.QFMNELNSGLDLR.I	17
PSTAT+3948	proteomics_stat	2230490	2230519	+	2	3	K.SPSGVALECK.D	14
PSTAT+3949	proteomics_stat	2230529	2230615	+	2	3	R.IFSGSYAENAAFNPPLPPLQGALILLNLK.G	33
PSTAT+3950	proteomics_stat	2230661	2230708	+	2	4	K.ADAPLIQWDATSATLK.A	20
PSTAT+3951	proteomics_stat	2231212	2231271	+	1	2	K.DLIAAGVDPSPDIVLDYAGFR.T	24
PSTAT+3952	proteomics_stat	2241932	2241955	+	2	3	R.MEMLEEHR.C	12
PSTAT+3953	proteomics_stat	2242046	2242117	+	2	4	R.DHTPPPVLVWLSGLTCNDENFTTK.A	28
PSTAT+3954	proteomics_stat	2242280	2242345	+	2	6	R.MYDYLRDELPALVQSQFNVSDR.C	26
PSTAT+3955	proteomics_stat	2242298	2242345	+	2	2	R.DELPALVQSQFNVSDR.C	20
PSTAT+3956	proteomics_stat	2242346	2242402	+	2	2	R.CAISGHSMGGHGALIMALK.N	23
PSTAT+3957	proteomics_stat	2248868	2248921	+	2	3	K.YIGAHVSAAGGLANAIR.A	22
PSTAT+3958	proteomics_stat	2249036	2249119	+	2	3	K.YHYTSAQILPHDSYLINLGHVPTEALEK.S	32
PSTAT+3959	proteomics_stat	2249126	2249152	+	2	2	R.DAFIDEMQR.C	13
PSTAT+3960	proteomics_stat	2249333	2249374	+	2	3	K.FEHLAAIIDGVEDK.S	18
PSTAT+3961	proteomics_stat	2249501	2249524	+	2	2	R.GMHLNDAK.S	12
PSTAT+3962	proteomics_stat	2263499	2263525	+	2	2	K.GMVLNYNGK.L	13
PSTAT+3963	proteomics_stat	2263541	2263570	+	2	4	K.DIDIQSPTAR.G	14
PSTAT+3964	proteomics_stat	2263613	2263636	+	2	3	R.TGLKVEER.F	12
PSTAT+3965	proteomics_stat	2263637	2263678	+	2	5	R.FKGDDIVDTVTLTR.R	18
PSTAT+3966	proteomics_stat	2263928	2263996	+	2	20	R.NKPATLSTGLVIQVPEYLSPEK.I	27
PSTAT+3967	proteomics_stat	2265896	2265943	+	2	2	K.TTSILHLLAHKDPNEK.W	20
PSTAT+3968	proteomics_stat	2266148	2266201	+	2	3	K.QILDLLTAPVYEPWIDL.R.A	22
PSTAT+3969	proteomics_stat	2266754	2266813	+	2	2	R.IELISSSEADWNALQSALLK.L	24
PSTAT+3970	proteomics_stat	2270491	2270541	+	1	3	R.YAFNFNHFYVNPAAPK.G	21
PSTAT+3971	proteomics_stat	2270893	2270961	+	1	3	R.IELAKPGKEDMLSFLPVPFPEK.Y	27
PSTAT+3972	proteomics_stat	2271262	2271309	+	1	2	K.YIIKDEQKNESAQDTR.W	20
PSTAT+3973	proteomics_stat	2271517	2271567	+	1	3	K.DLPSEVFTQIYQPPVSK.G	21
PSTAT+3974	proteomics_stat	2271775	2271804	+	1	3	R.KVDNSQITNR.M	14
PSTAT+3975	proteomics_stat	2280539	2280565	+	2	5	E.MFTINAEVR.K	13
PSTAT+3976	proteomics_stat	2280539	2280568	+	2	2	E.MFTINAEVRK.E	14
PSTAT+3977	proteomics_stat	2280542	2280565	+	2	2	M.FTINAEVR.K	12
PSTAT+3978	proteomics_stat	2280602	2280640	+	2	52	R.AANKFPAIYGGK.E	17
PSTAT+3979	proteomics_stat	2280641	2280697	+	2	7	K.EAPLAIELDHDKVMNMQAK.A	23
PSTAT+3980	proteomics_stat	2280641	2280676	+	2	8	K.EAPLAIELDHDK.V	16
PSTAT+3981	proteomics_stat	2280698	2280742	+	2	122	K.AEFYSEVLTIVVDGK.E	19
PSTAT+3982	proteomics_stat	2280752	2280775	+	2	4	K.VKAQDVQR.H	12
PSTAT+3983	proteomics_stat	2280794	2280820	+	2	6	K.LQHIDFVRA.-	13
PSTAT+3984	proteomics_stat	2280794	2280817	+	2	7	K.LQHIDFVR.A	12
PSTAT+3985	proteomics_stat	2282169	2282225	+	3	2	R.YSDEQVEQLLAELLNVEK.H	23
PSTAT+3986	proteomics_stat	2282232	2282312	+	3	3	K.APTDLSLMVLGNMVTNLINTSIAPAQR.Q	31
PSTAT+3987	proteomics_stat	2282340	2282375	+	3	10	R.ALQSSINEDKAH.-	16
PSTAT+3988	proteomics_stat	2283058	2283090	+	1	2	K.HGLLDAQEYQR.R	15
PSTAT+3989	proteomics_stat	2283502	2283552	+	1	2	R.TQSDEQTATQWINWLGR.Y	21
PSTAT+3990	proteomics_stat	2283652	2283684	+	1	2	R.AAGNVDDQINR.V	15
PSTAT+3991	proteomics_stat	2283901	2283966	+	1	2	R.LLHVSTPASEYSQGQDLFNPQR.R	26
PSTAT+3992	proteomics_stat	2294157	2294210	+	3	4	R.RHMQVDNAVAISLLIISR.S	22

PSTAT+3993	proteomics_stat	2312056	2312097	+	1	3	R.RAEMLQQANALDER.E	18
PSTAT+3994	proteomics_stat	2312158	2312256	+	1	3	R.TTFNQPGHLATVVAFDLPINDLIPPGMPLDSFR.L	37
PSTAT+3995	proteomics_stat	2312257	2312301	+	1	2	R.LEPDATATGNNDNEK.E	19
PSTAT+3996	proteomics_stat	2312518	2312562	+	1	2	R.STENVPSTAVNNELR.I	19
PSTAT+3997	proteomics_stat	2312572	2312640	+	1	2	R.AINEEIVSLLPLGLLVHDQESNR.T	27
PSTAT+3998	proteomics_stat	2312818	2312850	+	1	3	R.DQDREVLVNNK.L	15
PSTAT+3999	proteomics_stat	2312911	2312967	+	1	5	K.NIGDALKEPAQSLAESAAK.L	23
PSTAT+4000	proteomics_stat	2313073	2313144	+	1	7	K.SETVLFVSVQDLIDEVVPVLPVPAIK.R	28
PSTAT+4001	proteomics_stat	2313151	2313183	+	1	3	K.GLQLLINNHLK.A	15
PSTAT+4002	proteomics_stat	2313424	2313465	+	1	2	K.ADPLAFWLSLQDLAR.K	18
PSTAT+4003	proteomics_stat	2313688	2313783	+	1	3	R.LISQDYDIFLTDNPSNLTASGLLSDDDESQV.R	36
PSTAT+4004	proteomics_stat	2314199	2314258	+	2	5	Y.MNNMNVIIADDHPVIVFGIR.K	24
PSTAT+4005	proteomics_stat	2314262	2314339	+	2	4	K.SLEQIEWVNVVGEFEDSTALINNLPK.L	30
PSTAT+4006	proteomics_stat	2314340	2314414	+	2	5	K.LDAHVLITDLSMPGDKYGDGITLIK.Y	29
PSTAT+4007	proteomics_stat	2314619	2314648	+	2	6	K.ISAGGYGDKR.L	14
PSTAT+4008	proteomics_stat	2314775	2314846	+	2	12	K.LGVENDIALLNYSVTLSPADKD.-	28
PSTAT+4009	proteomics_stat	2337371	2337406	+	2	10	R.IIQIGALQLFLN.V	16
PSTAT+4010	proteomics_stat	2337604	2337645	+	1	6	K.SPVNHNVDHEEIAK.F	18
PSTAT+4011	proteomics_stat	2337667	2337705	+	1	3	R.WWDLEGEFKPLHR.I	17
PSTAT+4012	proteomics_stat	2337766	2337816	+	1	3	K.VLDVGCYGGGILAESMAR.E	21
PSTAT+4013	proteomics_stat	2337817	2337873	+	1	3	R.EGATVTGLDMGFELQVAK.L	23
PSTAT+4014	proteomics_stat	2337874	2337942	+	1	5	K.LHALESIGQVDYVQETVEEHAH.H	27
PSTAT+4015	proteomics_stat	2337943	2338017	+	1	5	K.HAGQYDVVTCMEMLEHVDPQSVVR.A	29
PSTAT+4016	proteomics_stat	2338018	2338074	+	1	3	R.ACAQLVKPGGDVFFSTLNR.N	23
PSTAT+4017	proteomics_stat	2338159	2338209	+	1	2	K.FIKPAELLGWVDQTSK.E	21
PSTAT+4018	proteomics_stat	2338216	2338260	+	1	6	R.HITGLHYNPITNTFK.L	19
PSTAT+4019	proteomics_stat	2338261	2338308	+	1	2	K.LGPGVDVNYMLHTQNK.-	20
PSTAT+4020	proteomics_stat	2342959	2343018	+	1	2	R.VLDWAAEGLHNVSISQVELR.S	24
PSTAT+4021	proteomics_stat	2343019	2343048	+	1	7	R.SHIQFYDGIK.T	14
PSTAT+4022	proteomics_stat	2343049	2343078	+	1	4	K.TSDIHETIHK.A	14
PSTAT+4023	proteomics_stat	2343103	2343135	+	1	4	R.DAPDYQYLAAR.L	15
PSTAT+4024	proteomics_stat	2343160	2343210	+	1	2	K.KAYGQFEPALYDHVVK.M	21
PSTAT+4025	proteomics_stat	2343229	2343303	+	1	2	K.YDNHLLLEDYTEEFKQMDTFIDHDR.D	29
PSTAT+4026	proteomics_stat	2343469	2343498	+	1	2	K.RFYDAVSTFK.I	14
PSTAT+4027	proteomics_stat	2343694	2343735	+	1	9	R.GGEAFHTGCIPFYK.H	18
PSTAT+4028	proteomics_stat	2343880	2343909	+	1	8	R.HMDYGVQINK.L	14
PSTAT+4029	proteomics_stat	2343925	2344017	+	1	18	R.LLKGEDITLFSQSDVPGLYDAFFADQEEFER.L	35
PSTAT+4030	proteomics_stat	2343934	2344017	+	1	9	K.GEDITLFSQSDVPGLYDAFFADQEEFER.L	32
PSTAT+4031	proteomics_stat	2344069	2344104	+	1	2	K.AVELFSLMMQER.A	16
PSTAT+4032	proteomics_stat	2344120	2344188	+	1	11	R.IYIQNVHDHCNTHSPFDPAIAPVR.Q	27
PSTAT+4033	proteomics_stat	2344348	2344398	+	1	6	R.ALDALLDYQDYPIPAK.R	21
PSTAT+4034	proteomics_stat	2344477	2344512	+	1	12	R.YSDGSANNLTHK.T	16
PSTAT+4035	proteomics_stat	2344567	2344611	+	1	3	K.EQGACPWFFNETTYAK.G	19
PSTAT+4036	proteomics_stat	2344642	2344695	+	1	2	K.DLDTIANEPLHYDWEALR.E	22
PSTAT+4037	proteomics_stat	2344723	2344803	+	1	2	R.NSTLSALMPSETSSQISNATNGIEPPR.G	31
PSTAT+4038	proteomics_stat	2344948	2344995	+	1	4	K.FIDQISANTNYDPSR.F	20

PSTAT+4039	proteomics_stat	2345011	2345034	+	1	2	K.VPMQQLLK.D	12
PSTAT+4040	proteomics_stat	2345436	2345489	+	3	5	K.NDQLKEPMFFGQPVNVAR.Y	22
PSTAT+4041	proteomics_stat	2345490	2345522	+	3	2	R.YDQQKYDIFEK.L	15
PSTAT+4042	proteomics_stat	2345580	2345618	+	3	5	R.DRIDYQALPEHEK.H	17
PSTAT+4043	proteomics_stat	2345586	2345618	+	3	5	R.IDYQALPEHEK.H	15
PSTAT+4044	proteomics_stat	2345643	2345675	+	3	2	K.YQTLDSIQGR.S	15
PSTAT+4045	proteomics_stat	2345790	2345852	+	3	2	R.NIVNDPSVVFDDIVTNEQIQK.R	25
PSTAT+4046	proteomics_stat	2346117	2346167	+	3	7	R.DEALHLTGTQHMLNLLR.S	21
PSTAT+4047	proteomics_stat	2346285	2346311	+	3	4	R.DGSMIGLNK.D	13
PSTAT+4048	proteomics_stat	2346312	2346353	+	3	4	K.DILCQYVEYITNIR.M	18
PSTAT+4049	proteomics_stat	2346354	2346392	+	3	3	R.MQAVGLDLPFQTR.S	17
PSTAT+4050	proteomics_stat	2350786	2350815	+	1	8	R.HDIATGATGR.N	14
PSTAT+4051	proteomics_stat	2351782	2351862	+	1	2	R.KLGNTRPCTTADLALPGSQEPAEVTLR.K	31
PSTAT+4052	proteomics_stat	2352386	2352490	+	2	3	R.GQSALHFSSGSLDLLSHLPDGGQPVTDIHSGLLESLR.Q	39
PSTAT+4053	proteomics_stat	2364655	2364705	+	1	2	K.YNLTDINAAIALTLQVVK.L	21
PSTAT+4054	proteomics_stat	2364952	2365002	+	1	2	R.ERFPTLSLPNTEWNSER.I	21
PSTAT+4055	proteomics_stat	2365003	2365086	+	1	2	R.ICSLPLFPDMMTADADHVITALQQLAGQ.-	32
PSTAT+4056	proteomics_stat	2370689	2370763	+	2	4	R.AVAGTGAGLSWSCHGALAAGLAERT.G	29
PSTAT+4057	proteomics_stat	2379870	2379923	+	3	3	R.SMSGIIQPLTIYGPQGIR.E	22
PSTAT+4058	proteomics_stat	2380077	2380124	+	3	4	R.IEEHDKPGALNAQALK.A	20
PSTAT+4059	proteomics_stat	2380452	2380484	+	3	2	R.YDDKGCQHLLR.E	15
PSTAT+4060	proteomics_stat	2406009	2406068	+	3	2	K.AVHYLCDESSDWFPDLDDIR.A	24
PSTAT+4061	proteomics_stat	2406519	2406569	+	3	2	R.AWELINDIPGVSCVKPR.G	21
PSTAT+4062	proteomics_stat	2406962	2407027	+	2	3	R.TENVSEHSLQVAMVAHALAAIK.N	26
PSTAT+4063	proteomics_stat	2407064	2407132	+	2	3	R.IALLAMYHDASEVLTGDLPTPVK.Y	27
PSTAT+4064	proteomics_stat	2407133	2407165	+	2	2	K.YFNSQIAQEYK.A	15
PSTAT+4065	proteomics_stat	2407193	2407273	+	2	2	K.LVDMVPEELRDIFAPLIDEHAYSDEEK.S	31
PSTAT+4066	proteomics_stat	2411543	2411620	+	2	22	K.FAIIDAVNGEYLSGLAECFHLPEAR.I	30
PSTAT+4067	proteomics_stat	2411648	2411764	+	2	2	K.QEALGAGAAHSEALNFIVNTILAQKPELSAQLTAIGHR.I	43
PSTAT+4068	proteomics_stat	2411786	2411833	+	2	5	K.YTSSVVIDESVIQGIK.D	20
PSTAT+4069	proteomics_stat	2411786	2411899	+	2	6	K.YTSSVVIDESVIQGIKDAASFAPLHNPAHLIGIEEALK.S	42
PSTAT+4070	proteomics_stat	2411834	2411899	+	2	7	K.DAASFAPLHNPAHLIGIEEALK.S	26
PSTAT+4071	proteomics_stat	2412026	2412076	+	2	15	R.YGAHGTSHFYVTQEAAK.M	21
PSTAT+4072	proteomics_stat	2412077	2412154	+	2	24	K.MLNKPEELNIITCHLGNNGGSVSAIR.N	30
PSTAT+4073	proteomics_stat	2412101	2412154	+	2	15	E.LNIITCHLGNNGGSVSAIR.N	22
PSTAT+4074	proteomics_stat	2412164	2412220	+	2	5	K.CVDTSMGLTPLEGLVMGTR.S	23
PSTAT+4075	proteomics_stat	2412167	2412220	+	2	2	C.VDTSMGLTPLEGLVMGTR.S	22
PSTAT+4076	proteomics_stat	2412221	2412295	+	2	34	R.SGDIDPAIIFHLHDTLGMSVDANK.L	29
PSTAT+4077	proteomics_stat	2412308	2412352	+	2	4	K.ESGLLGLTEVTSDCR.Y	19
PSTAT+4078	proteomics_stat	2412353	2412394	+	2	4	R.YVEDNYATKEDAKR.A	18
PSTAT+4079	proteomics_stat	2412353	2412379	+	2	4	R.YVEDNYATK.E	13
PSTAT+4080	proteomics_stat	2412353	2412391	+	2	2	R.YVEDNYATKEDAK.R	17
PSTAT+4081	proteomics_stat	2412428	2412463	+	2	2	K.YIGAYTALMDGR.L	16
PSTAT+4082	proteomics_stat	2412464	2412517	+	2	8	R.LDAVFTGGIGENAAMVR.E	22
PSTAT+4083	proteomics_stat	2412536	2412571	+	2	4	K.LGVLFGEVDHER.N	16
PSTAT+4084	proteomics_stat	2412614	2412682	+	2	20	K.EGTRPAVVIPTNEELVIAQDASR.L	27



PSTAT+4085	proteomics_stat	2412868	2412900	+	1	4	R.LSVFKPIAQPR.T	15
PSTAT+4086	proteomics_stat	2412901	2412942	+	1	10	R.TGGDAPDQTTTIVR.A	18
PSTAT+4087	proteomics_stat	2412943	2412981	+	1	5	R.ANSSTTTAAEPLK.M	17
PSTAT+4088	proteomics_stat	2412982	2413068	+	1	2	K.MSYVEGLLSSNQKDVLMEEIVANYHANTK.D	33
PSTAT+4089	proteomics_stat	2412982	2413020	+	1	4	K.MSYVEGLLSSNQK.D	17
PSTAT+4090	proteomics_stat	2413021	2413068	+	1	4	K.DVLMEEIVANYHANTK.D	20
PSTAT+4091	proteomics_stat	2413069	2413113	+	1	8	K.DAEVVLVEGLVPTRK.H	19
PSTAT+4092	proteomics_stat	2413069	2413110	+	1	2	K.DAEVVLVEGLVPTR.K	18
PSTAT+4093	proteomics_stat	2413114	2413152	+	1	15	K.HQFAQSLNYEIAK.T	17
PSTAT+4094	proteomics_stat	2413153	2413221	+	1	2	K.TLNAEIVFVMSQGTDTPEQLKER.I	27
PSTAT+4095	proteomics_stat	2413258	2413290	+	1	3	K.NTNITGVIVNK.L	15
PSTAT+4096	proteomics_stat	2413291	2413320	+	1	4	K.LNAPVDEQGR.T	14
PSTAT+4097	proteomics_stat	2413321	2413362	+	1	9	R.TRPDLSEIFDDSSK.A	18
PSTAT+4098	proteomics_stat	2413363	2413392	+	1	4	K.AKVNNVDPK.L	14
PSTAT+4099	proteomics_stat	2413369	2413392	+	1	2	K.VNNVDPK.L	12
PSTAT+4100	proteomics_stat	2413393	2413461	+	1	10	K.LQESSPLPVLGAVPWSFDLIATR.A	27
PSTAT+4101	proteomics_stat	2413480	2413524	+	1	23	R.HLNATIINEGDINTR.R	19
PSTAT+4102	proteomics_stat	2413849	2413917	+	1	3	K.VQEYVANYINADWIESLTATSER.S	27
PSTAT+4103	proteomics_stat	2413948	2413971	+	1	4	R.YQLTELAR.K	12
PSTAT+4104	proteomics_stat	2414050	2414097	+	1	5	R.GIATCVLLGNPAEINR.V	20
PSTAT+4105	proteomics_stat	2414230	2414355	+	1	2	R.EQLEDNVVLGTLMLEQDEVDGLVSGAVHTTANTIRPPLQLIK.T	46
PSTAT+4106	proteomics_stat	2414524	2414580	+	1	9	R.VAMLSYSTGTSGAGSDVEK.V	23
PSTAT+4107	proteomics_stat	2414614	2414679	+	1	8	K.RPDLMIDGPLQYDAAVMADVAK.S	26
PSTAT+4108	proteomics_stat	2414713	2414763	+	1	8	R.ATVFIFPDLNTGNTTYK.A	21
PSTAT+4109	proteomics_stat	2414776	2414820	+	1	3	R.SADLISIGPMLQGM.R	19
PSTAT+4110	proteomics_stat	2414821	2414844	+	1	4	R.KPVNDLSR.G	12
PSTAT+4111	proteomics_stat	2414845	2414910	+	1	11	R.GALVDDIVYTIALTAIQSAQQQ.-	26
PSTAT+4112	proteomics_stat	2418748	2418777	+	1	2	K.GGQFRPEFLR.I	14
PSTAT+4113	proteomics_stat	2419395	2419433	+	3	2	R.TFIGIKEEEINNR.Q	17
PSTAT+4114	proteomics_stat	2419485	2419520	+	3	4	R.TSEDINDALNYR.T	16
PSTAT+4115	proteomics_stat	2419533	2419562	+	3	9	K.NIIQHVENNR.F	14
PSTAT+4116	proteomics_stat	2419581	2419610	+	3	2	K.LTQDVLDIAR.E	14
PSTAT+4117	proteomics_stat	2419787	2419825	+	2	3	R.LLELGHQITVVTR.N	17
PSTAT+4118	proteomics_stat	2419862	2419954	+	2	4	R.VTLWQGLADQSNLNGVDAVINLAGEPIADKR.W	35
PSTAT+4119	proteomics_stat	2420276	2420308	+	2	2	R.LGLGGPIGSGR.Q	15
PSTAT+4120	proteomics_stat	2420495	2420539	+	2	2	R.LLMGESSVLVLGGQR.A	19
PSTAT+4121	proteomics_stat	2420552	2420581	+	2	4	K.RLEEAGFAFR.W	14
PSTAT+4122	proteomics_stat	2420582	2420620	+	2	4	R.WYDLEALADVVR.-	17
PSTAT+4123	proteomics_stat	2427067	2427099	+	1	5	F.RCRRSEVHFLR.S	15
PSTAT+4124	proteomics_stat	2439852	2439902	+	3	3	R.DFDDVYFSNDNGLEETR.Y	21
PSTAT+4125	proteomics_stat	2440383	2440436	+	3	5	R.LARPGGTLATFTSAGFVR.R	22
PSTAT+4126	proteomics_stat	2441355	2441402	+	3	5	R.GSEDYASEDDQQQNR.Q	20
PSTAT+4127	proteomics_stat	2446766	2446846	+	2	2	R.LIQEQADASHYFDEFQPLLNTEGPVK.Y	31
PSTAT+4128	proteomics_stat	2446892	2446954	+	2	4	R.RGDYSPFLDLHLGLTLQAK.Q	25
PSTAT+4129	proteomics_stat	2448537	2448593	+	3	2	R.ITCYSLPISAPLTGRNHRT.E	23
PSTAT+4130	proteomics_stat	2459403	2459447	+	3	6	S.AGFQLNEFSSSGLGR.A	19

PSTAT+4131	proteomics_stat	2459448	2459498	+	3	5	R.AYSGEGAIADDAGNVSR.N	21
PSTAT+4132	proteomics_stat	2460381	2460428	+	3	2	R.IALGTTYYYDDNWTFR.T	20
PSTAT+4133	proteomics_stat	2460429	2460473	+	3	2	R.TGIAFDDSPVPAQNR.S	19
PSTAT+4134	proteomics_stat	2463395	2463430	+	2	2	K.KIEIDEDRLPSR.A	16
PSTAT+4135	proteomics_stat	2466368	2466439	+	2	10	K.DATESIINALAVSDPLVVPLSFTR.N	28
PSTAT+4136	proteomics_stat	2467255	2467317	+	1	8	R.AIKPLIEDIPAFTYDLPLLYK.L	25
PSTAT+4137	proteomics_stat	2478016	2478099	+	1	4	R.IVDADNPLFVYLPCGVGGGPGGVAFGLK.L	32
PSTAT+4138	proteomics_stat	2478469	2478543	+	1	2	R.NTTHLVWATGGGMVPEEEMNQYLAK.G	29
PSTAT+4139	proteomics_stat	2481777	2481827	+	3	3	S.MNAIIIDDHPLAIAAIR.N	21
PSTAT+4140	proteomics_stat	2482044	2482082	+	3	4	K.HCADAGANGFVSK.K	17
PSTAT+4141	proteomics_stat	2482083	2482127	+	3	3	K.KEGMNNIAAIEAAK.N	19
PSTAT+4142	proteomics_stat	2482128	2482163	+	3	3	K.NGYCYFPFSLNR.F	16
PSTAT+4143	proteomics_stat	2498747	2498806	+	2	2	K.LEAAWQQQTSSTPAATVTR.E	24
PSTAT+4144	proteomics_stat	2498807	2498842	+	2	2	R.ENDTINLVKDER.I	16
PSTAT+4145	proteomics_stat	2499065	2499100	+	2	2	R.LKDLDPEVPVSR.S	16
PSTAT+4146	proteomics_stat	2500399	2500458	+	1	2	R.LLFIKILINKDILQRQWA.N	24
PSTAT+4147	proteomics_stat	2509180	2509269	+	1	21	V.TTGIAIMSGAKTVGGVMIMATTVAGISVKR.M	34
PSTAT+4148	proteomics_stat	2512012	2512053	+	1	3	K.LVSNEFVAMMDLQK.I	18
PSTAT+4149	proteomics_stat	2525724	2525801	+	3	3	R.RLSFNKADEITIVFCGSKKSLANGIP.M	30
PSTAT+4150	proteomics_stat	2525916	2525963	+	3	2	R.QTEQLQAQQESSADKA.-	20
PSTAT+4151	proteomics_stat	2529827	2529874	+	2	2	R.LTGATPPDTGIFGIMK.D	20
PSTAT+4152	proteomics_stat	2530434	2530487	+	3	116	M.SKIFEDNSLTIGHTPLVR.L	22
PSTAT+4153	proteomics_stat	2530437	2530487	+	3	4	S.KIFEDNSLTIGHTPLVR.L	21
PSTAT+4154	proteomics_stat	2530440	2530487	+	3	27	K.IFEDNSLTIGHTPLVR.L	20
PSTAT+4155	proteomics_stat	2530443	2530487	+	3	3	I.FEDNSLTIGHTPLVR.L	19
PSTAT+4156	proteomics_stat	2530449	2530487	+	3	2	E.DNSLTIGHTPLVR.L	17
PSTAT+4157	proteomics_stat	2530560	2530595	+	3	2	C.RIGANMIWDAEK.R	16
PSTAT+4158	proteomics_stat	2530563	2530595	+	3	4	R.IGANMIWDAEK.R	15
PSTAT+4159	proteomics_stat	2530563	2530598	+	3	22	R.IGANMIWDAEKR.G	16
PSTAT+4160	proteomics_stat	2530596	2530682	+	3	97	K.RGVLPKPGVELVEPTSGNTGIALAYVAAAR.G	33
PSTAT+4161	proteomics_stat	2530596	2530664	+	3	2	K.RGVLPKPGVELVEPTSGNTGIALA.Y	27
PSTAT+4162	proteomics_stat	2530599	2530682	+	3	270	R.GVLKPGVELVEPTSGNTGIALAYVAAAR.G	32
PSTAT+4163	proteomics_stat	2530599	2530664	+	3	3	R.GVLKPGVELVEPTSGNTGIALA.Y	26
PSTAT+4164	proteomics_stat	2530692	2530730	+	3	6	K.LTLTMPETMSIER.R	17
PSTAT+4165	proteomics_stat	2530746	2530784	+	3	21	K.ALGANLVLTEGAK.G	17
PSTAT+4166	proteomics_stat	2530794	2530841	+	3	8	K.GAIQKAEIIVASNPEK.Y	20
PSTAT+4167	proteomics_stat	2530809	2530841	+	3	13	K.AEEIVASNPEK.Y	15
PSTAT+4168	proteomics_stat	2530839	2530895	+	3	2	E.KYLLQQFSNPANPEIHEK.T	23
PSTAT+4169	proteomics_stat	2530842	2530895	+	3	49	K.YLLQQFSNPANPEIHEK.T	22
PSTAT+4170	proteomics_stat	2530845	2530895	+	3	3	Y.LLLQQFSNPANPEIHEK.T	21
PSTAT+4171	proteomics_stat	2530848	2530895	+	3	2	L.LLQQFSNPANPEIHEK.T	20
PSTAT+4172	proteomics_stat	2530851	2530895	+	3	2	L.LQQFSNPANPEIHEK.T	19
PSTAT+4173	proteomics_stat	2530854	2530991	+	3	10	L.QQFSNPANPEIHEKTTGPEIWEDTDGQVDVFIAGVGTGGTLTGVS.R.Y	50
PSTAT+4174	proteomics_stat	2530863	2530895	+	3	4	F.SNPANPEIHEK.T	15
PSTAT+4175	proteomics_stat	2530896	2530991	+	3	184	K.TTGPEIWEDTDGQVDVFIAGVGTGGTLTGVS.R.Y	36
PSTAT+4176	proteomics_stat	2531010	2531108	+	3	84	K.GKTDLISVAVEPTDSPVIAQALAGEEIKPGPHK.I	37

PSTAT+4177	proteomics_stat	2531043	2531108	+	3	9	E.PTDSPVIAQALAGEEIKPGPHK.I	26
PSTAT+4178	proteomics_stat	2531106	2531156	+	3	4	H.KIQGIGAGFIPANLDLK.L	21
PSTAT+4179	proteomics_stat	2531109	2531156	+	3	44	K.IQGIGAGFIPANLDLK.L	20
PSTAT+4180	proteomics_stat	2531157	2531210	+	3	55	K.LVDKIVIGITNEEAISTAR.R	22
PSTAT+4181	proteomics_stat	2531166	2531210	+	3	2	D.KVIGITNEEAISTAR.R	19
PSTAT+4182	proteomics_stat	2531169	2531210	+	3	27	K.VIGITNEEAISTAR.R	18
PSTAT+4183	proteomics_stat	2531172	2531210	+	3	4	V.IGITNEEAISTAR.R	17
PSTAT+4184	proteomics_stat	2531211	2531279	+	3	273	R.RLMEEEGILAGISSGAAVAAALK.L	27
PSTAT+4185	proteomics_stat	2531214	2531279	+	3	499	R.LMEEEGILAGISSGAAVAAALK.L	26
PSTAT+4186	proteomics_stat	2531277	2531309	+	3	2	L.KLQEDESFTNK.N	15
PSTAT+4187	proteomics_stat	2531280	2531309	+	3	10	K.LQEDESFTNK.N	14
PSTAT+4188	proteomics_stat	2531283	2531309	+	3	2	L.QEDESFTNK.N	13
PSTAT+4189	proteomics_stat	2531310	2531345	+	3	9	K.NIVVILPSSGER.Y	16
PSTAT+4190	proteomics_stat	2531343	2531387	+	3	5	E.RYLSTALFADLFTEK.E	19
PSTAT+4191	proteomics_stat	2531346	2531387	+	3	128	R.YLSTALFADLFTEK.E	18
PSTAT+4192	proteomics_stat	2531346	2531399	+	3	39	R.YLSTALFADLFTEKELQQ.-	22
PSTAT+4193	proteomics_stat	2531349	2531387	+	3	4	Y.LSTALFADLFTEK.E	17
PSTAT+4194	proteomics_stat	2531786	2531857	+	2	84	T.MFQQEVITITAPNGLHTRPAAQFVK.E	28
PSTAT+4195	proteomics_stat	2531867	2531905	+	2	33	K.GFTSEITVTSNGK.S	17
PSTAT+4196	proteomics_stat	2531933	2532022	+	2	64	K.LQTLGLTQGTVVITISAEGEDEQKAVEHLVK.L	34
PSTAT+4197	proteomics_stat	2531933	2532001	+	2	22	K.LQTLGLTQGTVVITISAEGEDEQK.A	27
PSTAT+4198	proteomics_stat	2532088	2532132	+	1	5	V.MISGILASPGIAFGK.A	19
PSTAT+4199	proteomics_stat	2532091	2532132	+	1	2	M.ISGILASPGIAFGK.A	18
PSTAT+4200	proteomics_stat	2532130	2532171	+	1	2	G.KALLLKEDEVIDR.K	18
PSTAT+4201	proteomics_stat	2532133	2532171	+	1	36	K.ALLLKEDEVIDR.K	17
PSTAT+4202	proteomics_stat	2532133	2532174	+	1	14	K.ALLLKEDEVIDRK.K	18
PSTAT+4203	proteomics_stat	2532148	2532171	+	1	3	K.EDEVIDR.K	12
PSTAT+4204	proteomics_stat	2532175	2532213	+	1	12	K.KISADQVDQEVER.F	17
PSTAT+4205	proteomics_stat	2532178	2532213	+	1	12	K.ISADQVDQEVER.F	16
PSTAT+4206	proteomics_stat	2532181	2532213	+	1	2	I.SADQVDQEVER.F	15
PSTAT+4207	proteomics_stat	2532229	2532261	+	1	4	R.AKASAQLETIK.T	15
PSTAT+4208	proteomics_stat	2532235	2532261	+	1	3	K.ASAQLETIK.T	13
PSTAT+4209	proteomics_stat	2532262	2532294	+	1	3	K.TKAGETFGEEK.E	15
PSTAT+4210	proteomics_stat	2532268	2532294	+	1	3	K.AGETFGEEK.E	13
PSTAT+4211	proteomics_stat	2532268	2532315	+	1	2	K.AGETFGEEKEAIFEGH.I	20
PSTAT+4212	proteomics_stat	2532370	2532459	+	1	10	K.DKHMTADAAAHEVIEGQASALEELDDEYLK.E	34
PSTAT+4213	proteomics_stat	2532370	2532465	+	1	13	K.DKHMTADAAAHEVIEGQASALEELDDEYLKER.A	36
PSTAT+4214	proteomics_stat	2532376	2532459	+	1	30	K.HMTADAAAHEVIEGQASALEELDDEYLK.E	32
PSTAT+4215	proteomics_stat	2532523	2532612	+	1	161	K.IIDLSAIQDEVILVAADLTPSETAQLNLKK.V	34
PSTAT+4216	proteomics_stat	2532523	2532609	+	1	77	K.IIDLSAIQDEVILVAADLTPSETAQLNLK.K	33
PSTAT+4217	proteomics_stat	2532610	2532645	+	1	9	K.KVLGFITDAGGR.T	16
PSTAT+4218	proteomics_stat	2532613	2532645	+	1	3	K.VLGFITDAGGR.T	15
PSTAT+4219	proteomics_stat	2532616	2532645	+	1	2	V.LGFITDAGGR.T	14
PSTAT+4220	proteomics_stat	2532673	2532726	+	1	26	R.SLELPAIVGTGVSQVK.N	22
PSTAT+4221	proteomics_stat	2532727	2532801	+	1	21	K.NDDYLILDVNNQVYVNPTNEVIDK.M	29
PSTAT+4222	proteomics_stat	2532748	2532801	+	1	3	L.DAVNNQVYVNPTNEVIDK.M	22

PSTAT+4223	proteomics_stat	2532751	2532801	+	1	2	D.AVNNQVYVNPTEVIDK.M	21
PSTAT+4224	proteomics_stat	2532808	2532852	+	1	6	R.AVQEQVASEKELAK.L	19
PSTAT+4225	proteomics_stat	2532808	2532837	+	1	12	R.AVQEQVASEK.A	14
PSTAT+4226	proteomics_stat	2532853	2532924	+	1	41	K.LKDLPAITLDGHQVEVCANIGTVR.D	28
PSTAT+4227	proteomics_stat	2532859	2532924	+	1	2	K.DLPAITLDGHQVEVCANIGTVR.D	26
PSTAT+4228	proteomics_stat	2532946	2532975	+	1	9	R.NGAEGVGLYR.T	14
PSTAT+4229	proteomics_stat	2532976	2533041	+	1	5	R.TEFLFMDRDALPTEEEQFAAYK.A	26
PSTAT+4230	proteomics_stat	2532976	2532999	+	1	2	R.TEFLFMDR.D	12
PSTAT+4231	proteomics_stat	2533000	2533041	+	1	14	R.DALPTEEEQFAAYK.A	18
PSTAT+4232	proteomics_stat	2533042	2533083	+	1	7	K.AVAEACGSQAVIVR.T	18
PSTAT+4233	proteomics_stat	2533084	2533134	+	1	11	R.TMDIGGDKELPYMNFPE.E	21
PSTAT+4234	proteomics_stat	2533135	2533161	+	1	2	K.EENPFLGWR.A	13
PSTAT+4235	proteomics_stat	2533249	2533287	+	1	12	R.IMFPMIISVEEVR.A	17
PSTAT+4236	proteomics_stat	2533300	2533341	+	1	5	K.EIEIYKQELRDEGK.A	18
PSTAT+4237	proteomics_stat	2533342	2533407	+	1	47	K.AFDESIEIGVMVETPAAATIAR.H	26
PSTAT+4238	proteomics_stat	2533384	2533482	+	1	5	T.PAAATIARHLAKEVDFFSIGTNDLTQYTLAVDR.G	37
PSTAT+4239	proteomics_stat	2533420	2533482	+	1	19	K.EVDFFSIGTNDLTQYTLAVDR.G	25
PSTAT+4240	proteomics_stat	2533483	2533545	+	1	15	R.GNDMISHLYQPMSPSVLNLIK.Q	25
PSTAT+4241	proteomics_stat	2533546	2533578	+	1	14	K.QVIDASHAEGK.W	15
PSTAT+4242	proteomics_stat	2533549	2533578	+	1	3	Q.VIDASHAEGK.W	14
PSTAT+4243	proteomics_stat	2533579	2533617	+	1	7	K.WTGMCGELAGDER.A	17
PSTAT+4244	proteomics_stat	2533702	2533725	+	1	3	R.NTNFEDAK.V	12
PSTAT+4245	proteomics_stat	2533726	2533788	+	1	10	K.VLAEQALAQPTTDELMTLVNK.F	25
PSTAT+4246	proteomics_stat	2533880	2533903	+	2	11	K.SLVSDDKK.D	12
PSTAT+4247	proteomics_stat	2533880	2533990	+	2	29	K.SLVSDDKKDTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	41
PSTAT+4248	proteomics_stat	2533901	2533990	+	2	38	K.KDTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	34
PSTAT+4249	proteomics_stat	2533904	2533990	+	2	200	K.DTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	33
PSTAT+4250	proteomics_stat	2533931	2533990	+	2	11	A.PLSGEIVNIEDVPDVVFAEK.I	24
PSTAT+4251	proteomics_stat	2533991	2534032	+	2	23	K.IVGDGIAIKPTGNK.M	18
PSTAT+4252	proteomics_stat	2533994	2534032	+	2	3	I.VGDGIAIKPTGNK.M	17
PSTAT+4253	proteomics_stat	2534033	2534065	+	2	16	K.MVAPVDGTIGK.I	15
PSTAT+4254	proteomics_stat	2534039	2534065	+	2	3	V.APVDGTIGK.I	13
PSTAT+4255	proteomics_stat	2534171	2534194	+	2	2	K.RIAEEGQR.V	12
PSTAT+4256	proteomics_stat	2534195	2534248	+	2	64	R.VKVGDTVIEFDLPLLEEK.A	22
PSTAT+4257	proteomics_stat	2534201	2534248	+	2	41	K.VGDTVIEFDLPLLEEK.A	20
PSTAT+4258	proteomics_stat	2534249	2534311	+	2	4	K.AKSTLTPVVVISNMDEIKELIK.L	25
PSTAT+4259	proteomics_stat	2534255	2534311	+	2	51	K.STLTPVVVISNMDEIKELIK.L	23
PSTAT+4260	proteomics_stat	2534255	2534299	+	2	11	K.STLTPVVVISNMDEIK.E	19
PSTAT+4261	proteomics_stat	2534312	2534353	+	2	14	K.LSGSVTVGETPVIR.I	18
PSTAT+4262	proteomics_stat	2534315	2534353	+	2	2	L.SGSVTVGETPVIR.I	17
PSTAT+4263	proteomics_stat	2542421	2542489	+	2	8	R.AFDSCGYRRRVTHIGDNRRTAMT.T	27
PSTAT+4264	proteomics_stat	2550692	2550742	+	2	2	R.SGDTFIPLYDRVEIAHK.H	21
PSTAT+4265	proteomics_stat	2550902	2550970	+	2	3	K.KATDKDHLLQQVLFDLVQTDTIK.N	27
PSTAT+4266	proteomics_stat	2550905	2550970	+	2	3	K.ATDKDHLLQQVLFDLVQTDTIK.N	26
PSTAT+4267	proteomics_stat	2562275	2562304	+	2	5	K.YHFSNETEFK.L	14
PSTAT+4268	proteomics_stat	2562698	2562727	+	2	2	K.GGVSHWLEGR.R	14

PSTAT+4269	proteomics_stat	2562818	2562853	+	2	2	R.VHPEDRGEMELR.E	16
PSTAT+4270	proteomics_stat	2563307	2563351	+	2	2	K.LITLLPNWIDKLGDE.-	19
PSTAT+4271	proteomics_stat	2574879	2574914	+	3	6	F.KARIGFVIDDLK.I	16
PSTAT+4272	proteomics_stat	2576688	2576759	+	3	4	P.MNELDGIKQFTTVVADSGDIESIR.H	28
PSTAT+4273	proteomics_stat	2576712	2576759	+	3	6	K.QFTTVVADSGDIESIR.H	20
PSTAT+4274	proteomics_stat	2576760	2576807	+	3	11	R.HYHPQDATTNPSLLK.A	20
PSTAT+4275	proteomics_stat	2576805	2576864	+	3	4	L.KAAGLSQYEHLIDDAIAWGK.K	24
PSTAT+4276	proteomics_stat	2576808	2576867	+	3	9	K.AAGLSQYEHLIDDAIAWGK.K	24
PSTAT+4277	proteomics_stat	2576808	2576864	+	3	11	K.AAGLSQYEHLIDDAIAWGK.K	23
PSTAT+4278	proteomics_stat	2576877	2576912	+	3	8	K.TQEQQVVAACDK.L	16
PSTAT+4279	proteomics_stat	2576961	2576984	+	3	2	R.VSTEVDAR.L	12
PSTAT+4280	proteomics_stat	2576985	2577005	+	3	2	R.LSFDKEK.S	11
PSTAT+4281	proteomics_stat	2577024	2577062	+	3	14	R.HLVLDYQQQGVK.S	17
PSTAT+4282	proteomics_stat	2577129	2577179	+	3	39	K.EGINCNLTLIFSFAQAR.A	21
PSTAT+4283	proteomics_stat	2577129	2577179	+	3	39	K.EGINCNLTLIFSFAQAR.A	21
PSTAT+4284	proteomics_stat	2577180	2577227	+	3	19	R.ACAEAGVFLISPFVGR.I	20
PSTAT+4285	proteomics_stat	2577180	2577227	+	3	19	R.ACAEAGVFLISPFVGR.I	20
PSTAT+4286	proteomics_stat	2577252	2577296	+	3	8	R.KPMDPYVVEEDPGVK.S	19
PSTAT+4287	proteomics_stat	2577369	2577407	+	3	4	R.RTEQILALTGCDR.L	17
PSTAT+4288	proteomics_stat	2577531	2577566	+	3	16	R.WEHNQDAMAVEK.L	16
PSTAT+4289	proteomics_stat	2577606	2577635	+	3	3	R.KLEDLLAAKL.-	14
PSTAT+4290	proteomics_stat	2577606	2577632	+	3	7	R.KLEDLLAAK.L	13
PSTAT+4291	proteomics_stat	2577691	2577717	+	1	3	R.ALSMDAVQK.A	13
PSTAT+4292	proteomics_stat	2577691	2577717	+	1	3	R.ALSMDAVQK.A	13
PSTAT+4293	proteomics_stat	2577718	2577792	+	1	5	K.ANSGHPGAPMGADIAEVLWDFLK.H	29
PSTAT+4294	proteomics_stat	2577943	2578047	+	1	6	K.TPGHPEIGYTPGVETTTGPLGQGLANAVGLAIAER.T	39
PSTAT+4295	proteomics_stat	2577976	2578047	+	1	3	P.GVETTTGPLGQGLANAVGLAIAER.T	28
PSTAT+4296	proteomics_stat	2578186	2578263	+	1	2	K.LIGFYDHNHGISIDGETEGWFTDDTAK.R	30
PSTAT+4297	proteomics_stat	2578267	2578329	+	1	5	R.FEAYHWHVIHEIDGHDPQAVK.E	25
PSTAT+4298	proteomics_stat	2578330	2578359	+	1	2	K.EAILEAQSVK.D	14
PSTAT+4299	proteomics_stat	2578417	2578476	+	1	6	K.AGKEEAHGAPLGEEVALAR.Q	24
PSTAT+4300	proteomics_stat	2578426	2578476	+	1	3	K.EEAHGAPLGEEVALAR.Q	21
PSTAT+4301	proteomics_stat	2578600	2578635	+	1	4	K.KAHPQLAEFTR.R	16
PSTAT+4302	proteomics_stat	2578603	2578635	+	1	7	K.AHPQLAEFTR.R	15
PSTAT+4303	proteomics_stat	2578684	2578716	+	1	4	K.YINELQANPAK.I	15
PSTAT+4304	proteomics_stat	2578729	2578827	+	1	4	R.KASQNTLNAYGPMLPELLGGSADLAPSNLTIWK.G	37
PSTAT+4305	proteomics_stat	2578732	2578827	+	1	2	K.ASQNTLNAYGPMLPELLGGSADLAPSNLTIWK.G	36
PSTAT+4306	proteomics_stat	2578828	2578884	+	1	7	K.GSVSLKEDPAGNYIHYGVR.E	23
PSTAT+4307	proteomics_stat	2578846	2578884	+	1	2	K.EDPAGNYIHYGVR.E	17
PSTAT+4308	proteomics_stat	2579017	2579103	+	1	2	R.QIMVYTHDSIGLGEDGPTHQAVEQLASLR.L	33
PSTAT+4309	proteomics_stat	2579392	2579445	+	1	2	R.VVSLPSTDFDAQDEEYR.E	22
PSTAT+4310	proteomics_stat	2579533	2579583	+	1	2	K.GAIVGMTGYGESAPADK.L	21
PSTAT+4311	proteomics_stat	2585965	2586006	+	1	2	R.KLPQAVQNQGVTVR.K	18
PSTAT+4312	proteomics_stat	2586220	2586297	+	1	2	K.DVTD AIESQNAQIAVGQLGGTSPVDK.Q	30
PSTAT+4313	proteomics_stat	2589479	2589541	+	2	2	R.NKITDAASAAALMTEMPAIIK.R	25
PSTAT+4314	proteomics_stat	2589542	2589622	+	2	10	K.RPLLCVPGKPMLLGFSYQQFFHEV.-	31

PSTAT+4315	proteomics_stat	2589671	2589724	+	2	3	R.RPSLSPDDAGCQALLIER.L	22
PSTAT+4316	proteomics_stat	2590163	2590246	+	2	2	R.GSLTCNLTIHGQGHVAYPHLADNPVHR.A	32
PSTAT+4317	proteomics_stat	2590520	2590612	+	2	5	R.GKLVDVVNAVEHYNEIKPQLLTGGTSDGR.F	35
PSTAT+4318	proteomics_stat	2590526	2590612	+	2	2	K.LVDVVNAVEHYNEIKPQLLTGGTSDGR.F	33
PSTAT+4319	proteomics_stat	2590625	2590675	+	2	3	R.MGAQVVELGPNATIHK.I	21
PSTAT+4320	proteomics_stat	2596240	2596299	+	1	7	R.GVSGRFIQTGGNNVHHLRAV.T	24
PSTAT+4321	proteomics_stat	2597931	2598008	+	3	10	L.TLSSQHYLVITALGADRPQIVNTITR.H	30
PSTAT+4322	proteomics_stat	2598009	2598047	+	3	3	R.HVSSCGCNIEDSR.L	17
PSTAT+4323	proteomics_stat	2598261	2598314	+	3	7	R.FTALFDAHMMNIAELVSR.T	22
PSTAT+4324	proteomics_stat	2598339	2598416	+	3	14	R.AAQLHIQITAHSPASADAANIEQAFK.A	30
PSTAT+4325	proteomics_stat	2598536	2598595	+	2	8	K.FSLPDQDGEQVNLTDQFQGR.V	24
PSTAT+4326	proteomics_stat	2598596	2598619	+	2	2	R.VLVYFYFK.A	12
PSTAT+4327	proteomics_stat	2598662	2598685	+	2	2	R.DNMDELK.K.A	12
PSTAT+4328	proteomics_stat	2598686	2598730	+	2	9	K.AGVDVLGISTDKPEK.L	19
PSTAT+4329	proteomics_stat	2598752	2598826	+	2	6	K.ELLNFTLLSDEDHQVCEQFGVWGEK.S	29
PSTAT+4330	proteomics_stat	2598863	2598919	+	2	4	R.ISFLIDADGKIEHVFDQFK.T	23
PSTAT+4331	proteomics_stat	2598893	2598919	+	2	3	K.IEHVFDQFK.T	13
PSTAT+4332	proteomics_stat	2598920	2598958	+	2	11	K.TSNHHDVVLNWLK.E	17
PSTAT+4333	proteomics_stat	2614299	2614361	+	3	3	R.GSAPLINDPLLTQYINSLGMR.L	25
PSTAT+4334	proteomics_stat	2614446	2614547	+	3	2	F.GGNVVLHLSALFRYSDNESQLASVMAHEISHVTQR.H	38
PSTAT+4335	proteomics_stat	2614482	2614547	+	3	3	R.YSDNESQLASVMAHEISHVTQR.H	26
PSTAT+4336	proteomics_stat	2614818	2614871	+	3	7	R.YSSRPPEILLTHPLPESR.L	22
PSTAT+4337	proteomics_stat	2614983	2615021	+	3	3	R.NQLTSDLLDEWAK.G	17
PSTAT+4338	proteomics_stat	2615061	2615102	+	3	2	R.ALQAMEANKYDEAR.K	18
PSTAT+4339	proteomics_stat	2615319	2615393	+	3	2	R.YTFNKKDSDNGWDLAQAEALNNR.D	29
PSTAT+4340	proteomics_stat	2615442	2615489	+	3	2	R.LDQAISLLSASSQVK.L	20
PSTAT+4341	proteomics_stat	2615651	2615737	+	2	3	R.ETLNLLKENGVEPEVLYLETPADAATLR.D	33
PSTAT+4342	proteomics_stat	2615672	2615737	+	2	2	K.ENGVPEVLYLETPADAATLR.D	26
PSTAT+4343	proteomics_stat	2615807	2615875	+	2	5	K.ELNLADSSLSEEALIQAMVDNPK.L	27
PSTAT+4344	proteomics_stat	2615876	2615911	+	2	7	K.LMERPIVVANGK.A	16
PSTAT+4345	proteomics_stat	2619222	2619248	+	3	5	V.TDKTSLSYK.D	13
PSTAT+4346	proteomics_stat	2619222	2619293	+	3	2	V.TDKTSLSYKDAGVDIDAGNALVGR.I	28
PSTAT+4347	proteomics_stat	2619249	2619293	+	3	23	K.DAGVDIDAGNALVGR.I	19
PSTAT+4348	proteomics_stat	2619321	2619380	+	3	9	R.RPEVMGGLGGFGALCALPQK.Y	24
PSTAT+4349	proteomics_stat	2619381	2619428	+	3	14	K.YREPVLVSGTDGVTGK.L	20
PSTAT+4350	proteomics_stat	2619741	2619812	+	3	6	K.VSDGDVLIAGSSGPHSNGYSLVR.K	28
PSTAT+4351	proteomics_stat	2619762	2619812	+	3	2	L.IALGSSGPHSNGYSLVR.K	21
PSTAT+4352	proteomics_stat	2619813	2619899	+	3	5	R.KILEVSGCDPQTTELDGKPLADHLLAPTR.I	33
PSTAT+4353	proteomics_stat	2619912	2619935	+	3	4	K.SVLELIEK.V	12
PSTAT+4354	proteomics_stat	2619936	2619995	+	3	14	K.VDVHAIHLLTGGGFWENIPR.V	24
PSTAT+4355	proteomics_stat	2620107	2620163	+	3	4	R.TFNCVGMIIALPAPEVDK.A	23
PSTAT+4356	proteomics_stat	2620164	2620205	+	3	4	K.ALALLNANGENAWK.I	18
PSTAT+4357	proteomics_stat	2620526	2620564	+	2	2	R.ILSPAIFVSHYAGR.L	17
PSTAT+4358	proteomics_stat	2620565	2620597	+	2	6	R.LLNIHPSLLPK.Y	15
PSTAT+4359	proteomics_stat	2620715	2620759	+	2	3	K.VPVFAGDSEDDITAR.V	19
PSTAT+4360	proteomics_stat	2620760	2620819	+	2	3	R.VQTQEHAHYPLVISWFADGR.L	24

PSTAT+4361	proteomics_stat	2621126	2621170	+	2	5	R.VLQEAAADKSNPLIER.M	19
PSTAT+4362	proteomics_stat	2621126	2621149	+	2	2	R.VLQEAAADK.S	12
PSTAT+4363	proteomics_stat	2621177	2621218	+	2	3	R.FLGIYSNNLDEFYK.V	18
PSTAT+4364	proteomics_stat	2621570	2621608	+	2	2	R.YALLEIPSDKVPR.F	17
PSTAT+4365	proteomics_stat	2621642	2621677	+	2	4	R.RKPMILLDNILR.Y	16
PSTAT+4366	proteomics_stat	2621645	2621677	+	2	3	R.KPMILLDNILR.Y	15
PSTAT+4367	proteomics_stat	2621945	2621989	+	2	7	R.YHNFKDFINFPNVGK.A	19
PSTAT+4368	proteomics_stat	2621990	2622019	+	2	4	K.ANLVKNKPLPR.L	14
PSTAT+4369	proteomics_stat	2622419	2622454	+	2	7	R.YAHIGTGNFNEK.T	16
PSTAT+4370	proteomics_stat	2622626	2622673	+	2	2	R.EIANAQQGLPSGITLK.L	20
PSTAT+4371	proteomics_stat	2622710	2622757	+	2	2	R.LYAASSSGVPVNLVLR.G	20
PSTAT+4372	proteomics_stat	2622848	2622880	+	2	2	R.VYIFENGDDKK.V	15
PSTAT+4373	proteomics_stat	2622974	2623015	+	2	4	R.VLDIIDILFSDTVK.A	18
PSTAT+4374	proteomics_stat	2623022	2623048	+	2	2	R.YIDKELSNR.Y	13
PSTAT+4375	proteomics_stat	2623362	2623415	+	3	5	R.LQGFSPASVCIVGTHTLR.Q	22
PSTAT+4376	proteomics_stat	2623458	2623505	+	3	2	K.VIPYPIEIIISGNEEAR.L	20
PSTAT+4377	proteomics_stat	2624088	2624138	+	3	4	R.TASSLANQYHIDSEQAR.R	21
PSTAT+4378	proteomics_stat	2624196	2624228	+	3	3	K.LAHPQLEALLR.W	15
PSTAT+4379	proteomics_stat	2624286	2624366	+	3	4	R.HSAYILQNSDLPGFNQEQQLMMATLVR.Y	31
PSTAT+4380	proteomics_stat	2632461	2632502	+	3	2	R.VTFRPQHGGQVLVLR.A	18
PSTAT+4381	proteomics_stat	2632737	2632814	+	3	3	K.RRDPSLPVIIYPAAVQGDDAPGQIVR.A	30
PSTAT+4382	proteomics_stat	2632743	2632814	+	3	3	R.DPSLPVIIYPAAVQGDDAPGQIVR.A	28
PSTAT+4383	proteomics_stat	2633295	2633321	+	3	2	R.LNQNPQPK.I	13
PSTAT+4384	proteomics_stat	2633409	2633465	+	3	5	R.FGNAVTHLEAVSPLSTLAR.G	23
PSTAT+4385	proteomics_stat	2650519	2650596	+	1	15	M.STTWVFGADWLAEHIDDPEIQIIDAR.M	30
PSTAT+4386	proteomics_stat	2650756	2650779	+	1	3	R.ELGVNQDK.H	12
PSTAT+4387	proteomics_stat	2650780	2650824	+	1	14	K.HLIVYDEGNLFSAPR.A	19
PSTAT+4388	proteomics_stat	2650861	2650899	+	1	2	K.VSILGGGLAGWQR.D	17
PSTAT+4389	proteomics_stat	2650900	2650983	+	1	84	R.DDLLLEEGAVELPEGEFNAAFNPEAVVK.V	32
PSTAT+4390	proteomics_stat	2650984	2651052	+	1	7	K.VTDVLLASHENTAQIIDARPAAR.F	27
PSTAT+4391	proteomics_stat	2650984	2651040	+	1	6	K.VTDVLLASHENTAQIIDAR.P	23
PSTAT+4392	proteomics_stat	2651053	2651091	+	1	3	R.FNAEVDEPRPGLR.R	17
PSTAT+4393	proteomics_stat	2651092	2651142	+	1	2	R.RGHIPGALNVPWTELVLR.E	21
PSTAT+4394	proteomics_stat	2651095	2651142	+	1	15	R.GHIPGALNVPWTELVLR.E	20
PSTAT+4395	proteomics_stat	2651158	2651193	+	1	2	K.TTDELDAIFFGR.G	16
PSTAT+4396	proteomics_stat	2651332	2651358	+	1	2	R.ADLPVEPVK.-	13
PSTAT+4397	proteomics_stat	2661527	2661565	+	2	4	K.NYETPDAVEASQK.G	17
PSTAT+4398	proteomics_stat	2661566	2661598	+	2	4	K.GSNDFVTNVDK.A	15
PSTAT+4399	proteomics_stat	2661566	2661631	+	2	2	K.GSNDFVTNVDKAAEAVIIDTIR.K	26
PSTAT+4400	proteomics_stat	2661788	2661850	+	2	2	K.GRTEVAVVYDPMRNELEFTATR.G	25
PSTAT+4401	proteomics_stat	2661851	2661880	+	2	4	R.GQGAQLNGYR.L	14
PSTAT+4402	proteomics_stat	2661902	2661943	+	2	4	R.DLDGTILATGFPFK.A	18
PSTAT+4403	proteomics_stat	2662016	2662060	+	2	2	R.TGSAALDLAYVAAGR.V	19
PSTAT+4404	proteomics_stat	2662127	2662207	+	2	5	R.EAGGIVSDFTGGHNYMLTGNIVAGNPR.V	31
PSTAT+4405	proteomics_stat	2662217	2662264	+	2	5	K.AMLANMRDELSDALKR.-	20
PSTAT+4406	proteomics_stat	2664213	2664275	+	3	2	R.FYDEQGLCDQLYTHLAQALNR.S	25

PSTAT+4407	proteomics_stat	2664276	2664326	+	3	3	R.SLFAIGIDNTLPEEFAR.L	21
PSTAT+4408	proteomics_stat	2683950	2683976	+	3	2	R.MFTHNPELK.E	13
PSTAT+4409	proteomics_stat	2684019	2684096	+	3	7	R.EALFNIAIAYASNIENLPALLPAVEK.I	30
PSTAT+4410	proteomics_stat	2684526	2684588	+	3	5	R.EEGGQVSNWLHNHANVGDVVK.L	25
PSTAT+4411	proteomics_stat	2684589	2684705	+	3	2	K.LVAPAGDFFMAVADDTPTVLISAGVGQTPMLAMLDTLAK.A	43
PSTAT+4412	proteomics_stat	2696982	2697050	+	3	2	K.LALSEALASQPESPSVPIHNQIR.G	27
PSTAT+4413	proteomics_stat	2708520	2708555	+	3	2	R.LADQHQVIVLSK.G	16
PSTAT+4414	proteomics_stat	2708682	2708714	+	3	4	R.HAVEFVASNAR.S	15
PSTAT+4415	proteomics_stat	2708829	2708855	+	3	2	I.LHAADATGR.E	13
PSTAT+4416	proteomics_stat	2709144	2709203	+	3	5	R.VANLEFNQFHPTALYHPQAR.N	24
PSTAT+4417	proteomics_stat	2710984	2711043	+	1	5	K.GFTRPTAIQAAAIPPALDGR.D	24
PSTAT+4418	proteomics_stat	2711044	2711079	+	1	6	R.DVLGSAPTGTGK.T	16
PSTAT+4419	proteomics_stat	2711080	2711130	+	1	10	K.TAAYLLPALQHLLDFPR.K	21
PSTAT+4420	proteomics_stat	2711176	2711208	+	1	2	R.ELAMQVSDHAR.E	15
PSTAT+4421	proteomics_stat	2711401	2711454	+	1	3	R.MLDMGFAQDIEHIAGETR.W	22
PSTAT+4422	proteomics_stat	2711524	2711568	+	1	4	R.LLEDPVEVSANPSTR.E	19
PSTAT+4423	proteomics_stat	2711623	2711649	+	1	2	K.TALLVHLLK.Q	13
PSTAT+4424	proteomics_stat	2711698	2711724	+	1	2	R.VHELANWLR.E	13
PSTAT+4425	proteomics_stat	2711848	2711898	+	1	3	R.GIDIPDVSHVFNFMPR.S	21
PSTAT+4426	proteomics_stat	2711899	2711922	+	1	2	R.SGDTYLHR.I	12
PSTAT+4427	proteomics_stat	2711950	2712003	+	1	3	R.KGTAISLVEAHDHLLLGK.V	22
PSTAT+4428	proteomics_stat	2711953	2712003	+	1	3	K.GTAISLVEAHDHLLLGK.V	21
PSTAT+4429	proteomics_stat	2714821	2714868	+	1	2	K.QQPYFLNTLQTVASER.Q	20
PSTAT+4430	proteomics_stat	2716961	2716999	+	2	4	R.NFAPIFEDVAQER.S	17
PSTAT+4431	proteomics_stat	2718074	2718130	+	2	2	R.NLLAGGFNGPVLVPTPAWK.A	23
PSTAT+4432	proteomics_stat	2718332	2718412	+	2	4	M.RLLGPNLGLLAPWQGLNASFSPVPIK.R	31
PSTAT+4433	proteomics_stat	2718335	2718412	+	2	2	R.LLGPNSLGLLAPWQGLNASFSPVPIK.R	30
PSTAT+4434	proteomics_stat	2718704	2718757	+	2	3	R.LLNTTAGMDPAWDAAIQR.A	22
PSTAT+4435	proteomics_stat	2718845	2718907	+	2	4	R.LMIISNGAAPAALDALWSR.N	25
PSTAT+4436	proteomics_stat	2719256	2719303	+	2	4	R.TPEGTITAFMHMVEYR.R	20
PSTAT+4437	proteomics_stat	2720087	2720137	+	2	5	R.LAVRPYPHQLEEWVELK.N	21
PSTAT+4438	proteomics_stat	2720806	2720859	+	1	3	K.ISQSVDDVDFFYAPADFR.E	22
PSTAT+4439	proteomics_stat	2721082	2721141	+	1	2	R.MAQENPGVDVPVYGVPIINTR.E	24
PSTAT+4440	proteomics_stat	2721142	2721168	+	1	4	R.EALGVLHFK.G	13
PSTAT+4441	proteomics_stat	2721280	2721333	+	1	2	R.KMSDIMFEWVTQNMNGR.G	22
PSTAT+4442	proteomics_stat	2721283	2721333	+	1	3	K.MSDIMFEWVTQNMNGR.G	21
PSTAT+4443	proteomics_stat	2721751	2721789	+	1	2	R.LQYVVNTDQLVVR.L	17
PSTAT+4444	proteomics_stat	2721892	2721951	+	1	5	R.LDLENAILIHDPQLELAPQR.E	24
PSTAT+4445	proteomics_stat	2722006	2722038	+	1	3	R.DLQSIADYPVK.V	15
PSTAT+4446	proteomics_stat	2734459	2734503	+	1	7	R.LNPTHNPIDYVMMYR.G	19
PSTAT+4447	proteomics_stat	2734504	2734563	+	1	7	R.GLTNMALDDSDALQGFFGVDR.S	24
PSTAT+4448	proteomics_stat	2734624	2734662	+	1	2	R.GYPNSQYTTDATK.R	17
PSTAT+4449	proteomics_stat	2734777	2734803	+	1	2	R.DYPDQTQATR.D	13
PSTAT+4450	proteomics_stat	2735179	2735199	+	1	2	M.TMNITSK.Q	11
PSTAT+4451	proteomics_stat	2735254	2735304	+	1	3	K.LEKWQTHLINPHIILSK.E	21
PSTAT+4452	proteomics_stat	2735263	2735304	+	1	22	K.WQTHLINPHIILSK.E	18



PSTAT+4453	proteomics_stat	2735263	2735289	+	1	5	K.WQTHLINPH.I	13
PSTAT+4454	proteomics_stat	2735290	2735373	+	1	2	H.IILSKEPQGFVADATINTPNGVLVASGK.H	32
PSTAT+4455	proteomics_stat	2735305	2735373	+	1	13	K.EPQGFVADATINTPNGVLVASGK.H	27
PSTAT+4456	proteomics_stat	2735305	2735424	+	1	4	K.EPQGFVADATINTPNGVLVASGKHEDMYTAINELINKLER.Q	44
PSTAT+4457	proteomics_stat	2735320	2735373	+	1	2	F.VADATINTPNGVLVASGK.H	22
PSTAT+4458	proteomics_stat	2735326	2735373	+	1	3	A.DATINTPNGVLVASGK.H	20
PSTAT+4459	proteomics_stat	2735350	2735424	+	1	6	N.GVLVASGKHEDMYTAINELINKLER.Q	29
PSTAT+4460	proteomics_stat	2735359	2735415	+	1	5	L.VASGKHEDMYTAINELINK.L	23
PSTAT+4461	proteomics_stat	2735362	2735415	+	1	9	V.ASGKHEDMYTAINELINK.L	22
PSTAT+4462	proteomics_stat	2735365	2735415	+	1	6	A.SGKHEDMYTAINELINK.L	21
PSTAT+4463	proteomics_stat	2735374	2735415	+	1	28	K.HEDMYTAINELINK.L	18
PSTAT+4464	proteomics_stat	2735374	2735424	+	1	65	K.HEDMYTAINELINKLER.Q	21
PSTAT+4465	proteomics_stat	2735377	2735424	+	1	2	H.EDMYTAINELINKLER.Q	20
PSTAT+4466	proteomics_stat	2735380	2735424	+	1	2	E.DMYTAINELINKLER.Q	19
PSTAT+4467	proteomics_stat	2735482	2735514	+	1	2	K.DANFVEEVEEE.-	15
PSTAT+4468	proteomics_stat	2735992	2736060	+	1	9	R.LFQLIIEDSVLTQQALLQQHLNK.I	27
PSTAT+4469	proteomics_stat	2736145	2736180	+	1	10	R.HFEQFIESGCAK.F	16
PSTAT+4470	proteomics_stat	2736448	2736486	+	1	2	K.IEYTESTSAAMEK.V	17
PSTAT+4471	proteomics_stat	2736502	2736570	+	1	7	K.SPHVAALGSEAGGTLYGLQVLER.I	27
PSTAT+4472	proteomics_stat	2736622	2736657	+	1	3	R.KAINVSDQVPAK.T	16
PSTAT+4473	proteomics_stat	2746461	2746505	+	3	2	K.LAFNQEMPPLMSIER.K	19
PSTAT+4474	proteomics_stat	2747922	2748014	+	3	3	R.LMASFLRHWRKRSLSQAPACVLASTISIFSTY.R	35
PSTAT+4475	proteomics_stat	2751226	2751303	+	1	2	S.GSCRQTAASTRRINSGDVCYPPATSR.G	30
PSTAT+4476	proteomics_stat	2751702	2751761	+	3	3	R.VVYRPDINQGNLYTANDVSK.I	24
PSTAT+4477	proteomics_stat	2753095	2753175	+	1	6	R.DGEAFLFGANITPMAVASTHVCDPTR.T	31
PSTAT+4478	proteomics_stat	2753095	2753154	+	1	2	R.DGEAFLFGANITPMAVASTH.V	24
PSTAT+4479	proteomics_stat	2753137	2753175	+	1	2	M.AVASTHVCDPTR.T	17
PSTAT+4480	proteomics_stat	2788487	2788537	+	2	2	R.GGEIYNAEVSGLNEHK.N	21
PSTAT+4481	proteomics_stat	2788688	2788777	+	2	5	R.LAPEHNQIVNHLIYPIPDAMPFLGVHLTR.M	34
PSTAT+4482	proteomics_stat	2789105	2789179	+	2	2	R.TIHTCNAPSPAATSAIPIGAHIVSK.V	29
PSTAT+4483	proteomics_stat	2789295	2789324	+	3	5	A.MKLNDSNLFR.Q	14
PSTAT+4484	proteomics_stat	2789325	2789408	+	3	4	R.QQALINGEWLANNGEAIDVTNPANGDK.L	32
PSTAT+4485	proteomics_stat	2789526	2789570	+	3	7	R.NWFNLMMEHQDDLAR.L	19
PSTAT+4486	proteomics_stat	2789571	2789612	+	3	2	R.LMTLEQGKPLAEAK.G	18
PSTAT+4487	proteomics_stat	2789613	2789669	+	3	4	K.GEISYAASFIEWFAEEGKR.I	23
PSTAT+4488	proteomics_stat	2789670	2789711	+	3	6	R.IYGDTIPGHQADKR.L	18
PSTAT+4489	proteomics_stat	2789670	2789708	+	3	3	R.IYGDTIPGHQADK.R	17
PSTAT+4490	proteomics_stat	2789673	2789711	+	3	4	I.YGDTIPGHQADKR.L	17
PSTAT+4491	proteomics_stat	2789712	2789789	+	3	2	R.LIVIKQPIGVTAAITPWNFPAAMITR.K	30
PSTAT+4492	proteomics_stat	2789727	2789789	+	3	6	K.QPIGVTAAITPWNFPAAMITR.K	25
PSTAT+4493	proteomics_stat	2789793	2789888	+	3	16	K.AGPALAAAGCTMVLKPASQTPFSALALAE LAIR.A	36
PSTAT+4494	proteomics_stat	2789889	2789975	+	3	9	R.AGVPAGVFNVVTSAGAVGNELTSNPLVR.K	33
PSTAT+4495	proteomics_stat	2789976	2790011	+	3	8	R.KLSFTGSTEIGR.Q	16
PSTAT+4496	proteomics_stat	2790045	2790137	+	3	3	K.KVSLELGGNAPFIVFDDADLDKAVEGALASK.F	35
PSTAT+4497	proteomics_stat	2790048	2790137	+	3	14	K.VSLELGGNAPFIVFDDADLDKAVEGALASK.F	34
PSTAT+4498	proteomics_stat	2790144	2790176	+	3	3	R.NAGQTCVCANR.L	15

PSTAT+4499	proteomics_stat	2790240	2790299	+	3	3	K.LHIGDGLDNGVTIGPLIDEK.A	24
PSTAT+4500	proteomics_stat	2790312	2790344	+	3	8	K.VEEHIADALEK.G	15
PSTAT+4501	proteomics_stat	2790384	2790437	+	3	4	R.GGNFFQPTILVDVPANAK.V	22
PSTAT+4502	proteomics_stat	2790438	2790482	+	3	15	K.VSKEETFGPLAPLFR.F	19
PSTAT+4503	proteomics_stat	2790483	2790557	+	3	41	R.FKDEADVIAQANDTEFLAAYFYAR.D	29
PSTAT+4504	proteomics_stat	2790579	2790662	+	3	15	R.VGEALEYGIVGINTGIISNEVAPFGGIK.A	32
PSTAT+4505	proteomics_stat	2790808	2790843	+	1	6	R.GVGQIHPIFADR.A	16
PSTAT+4506	proteomics_stat	2790880	2790939	+	1	11	R.EYLDFAAGIAVLNTGHLHPK.V	24
PSTAT+4507	proteomics_stat	2790973	2791044	+	1	2	K.LSHTCFQVLAYEPYLELCEIMNQK.V	28
PSTAT+4508	proteomics_stat	2791066	2791116	+	1	13	K.KTLLVTTGSEAVENAVK.I	21
PSTAT+4509	proteomics_stat	2791069	2791116	+	1	4	K.TLLVTTGSEAVENAVK.I	20
PSTAT+4510	proteomics_stat	2791141	2791179	+	1	7	R.SGTIAFSGAYHGR.T	17
PSTAT+4511	proteomics_stat	2791210	2791260	+	1	5	K.VNPYSAGMGLMPGHVYR.A	21
PSTAT+4512	proteomics_stat	2791261	2791323	+	1	10	R.ALYPCPLHGISEDDAIASIHR.I	25
PSTAT+4513	proteomics_stat	2791324	2791428	+	1	6	R.IFKNDAAPEDIAAIVIEPVQGEAGFYASSPAFMQR.L	39
PSTAT+4514	proteomics_stat	2791333	2791428	+	1	4	K.NDAAPEDIAAIVIEPVQGEAGFYASSPAFMQR.L	36
PSTAT+4515	proteomics_stat	2791435	2791497	+	1	9	R.ALCDEHGIMLIADEVQSGAGR.T	25
PSTAT+4516	proteomics_stat	2791561	2791602	+	1	4	K.SIAGGFPLAGVTGR.A	18
PSTAT+4517	proteomics_stat	2791603	2791695	+	1	5	R.AEVMDAVAPGGLGGTYAGNPIACVAALEVLK.V	35
PSTAT+4518	proteomics_stat	2791747	2791803	+	1	5	K.LKDGLLAIAEKHPEIGDVR.G	23
PSTAT+4519	proteomics_stat	2791747	2791779	+	1	3	K.LKDGLLAIAEK.H	15
PSTAT+4520	proteomics_stat	2791753	2791803	+	1	2	K.DGLLAIAEKHPEIGDVR.G	21
PSTAT+4521	proteomics_stat	2791753	2791779	+	1	2	K.DGLLAIAEK.H	13
PSTAT+4522	proteomics_stat	2791906	2791950	+	1	4	K.GLILLSCGPYYNVLR.I	19
PSTAT+4523	proteomics_stat	2791951	2791989	+	1	2	R.ILVPLTIEDAQIR.Q	17
PSTAT+4524	proteomics_stat	2791990	2792034	+	1	2	R.QGLEIISQCFDEAKQ.-	19
PSTAT+4525	proteomics_stat	2795749	2795835	+	1	2	R.TSNNADKLAIAAPAEIFLLEDGIDGWKK.A	33
PSTAT+4526	proteomics_stat	2798168	2798266	+	2	7	H.MFNRPNRNDVDDGVQDIQNDVNQLADSLESVLK.S	37
PSTAT+4527	proteomics_stat	2798189	2798266	+	2	22	R.NDVDDGVQDIQNDVNQLADSLESVLK.S	30
PSTAT+4528	proteomics_stat	2798198	2798266	+	2	2	V.DDGVQDIQNDVNQLADSLESVLK.S	27
PSTAT+4529	proteomics_stat	2798216	2798266	+	2	5	D.IQNDVNQLADSLESVLK.S	21
PSTAT+4530	proteomics_stat	2798267	2798308	+	2	2	K.SWGSDAKGEAAR.S	18
PSTAT+4531	proteomics_stat	2798384	2798416	+	2	3	R.DAVGCADSFVR.E	15
PSTAT+4532	proteomics_stat	2806090	2806143	+	1	3	K.AHQQQFDGWVNEALAAQK.-	22
PSTAT+4533	proteomics_stat	2808792	2808830	+	3	3	Q.MDSSFTPIEQMLK.F	17
PSTAT+4534	proteomics_stat	2808846	2808884	+	3	12	R.HEDFPYQEILLTR.L	17
PSTAT+4535	proteomics_stat	2808939	2809046	+	3	5	K.AQGINETLFMALITLESQENHSIQPSELSALGSSR.T	40
PSTAT+4536	proteomics_stat	2809062	2809085	+	3	8	R.IADELEKR.G	12
PSTAT+4537	proteomics_stat	2809125	2809151	+	3	5	R.CLHLQLTEK.G	13
PSTAT+4538	proteomics_stat	2809170	2809259	+	3	11	R.EVLPPQHNCLHQLWSALSTTEKDQLEQITR.K	34
PSTAT+4539	proteomics_stat	2809170	2809235	+	3	2	R.EVLPPQHNCLHQLWSALSTTEK.D	26
PSTAT+4540	proteomics_stat	2809200	2809259	+	3	2	L.HQLWSALSTTEKDQLEQITR.K	24
PSTAT+4541	proteomics_stat	2809452	2809496	+	3	5	M.SANAETQTPQPVKK.S	19
PSTAT+4542	proteomics_stat	2809701	2809742	+	3	2	K.EGDVLVTLDPDAR.Q	18
PSTAT+4543	proteomics_stat	2809941	2810024	+	3	4	R.DAVTSAQAQLDVAIQQYNANQAMILGTK.L	32
PSTAT+4544	proteomics_stat	2810025	2810069	+	3	6	K.LEDQPAVQQAATEVR.N	19

PSTAT+4545	proteomics_stat	2810136	2810225	+	3	2	R.AVQPGAQISPTTPLMAVVPATNMWVDANFK.E	34
PSTAT+4546	proteomics_stat	2810250	2810300	+	3	2	R.IGQPVTITTDIYGDDVK.Y	21
PSTAT+4547	proteomics_stat	2810313	2810390	+	3	3	K.VVGLDMGTGSAFSLPAQNATGNWIK.V	30
PSTAT+4548	proteomics_stat	2810499	2810522	+	3	5	R.DGQVLANK.V	12
PSTAT+4549	proteomics_stat	2810529	2810558	+	3	2	R.STPVAVSTAR.E	14
PSTAT+4550	proteomics_stat	2814042	2814077	+	3	9	R.AVAIFQPFTIQR.F	16
PSTAT+4551	proteomics_stat	2827708	2827785	+	1	4	R.KSPNVVCSLESVDKLITDAGIDPAFR.Q	30
PSTAT+4552	proteomics_stat	2828180	2828239	+	2	3	K.SIALLAMTGKPTSPLGLAAK.A	24
PSTAT+4553	proteomics_stat	2903205	2903279	+	3	2	P.MTASKSLLAAPHLSLSLVFARMLK.R	29
PSTAT+4554	proteomics_stat	2914948	2915001	+	1	2	K.LKQDGIGACLLKPLTPTR.L	22
PSTAT+4555	proteomics_stat	2923373	2923420	+	2	5	M.SSYANHQALAGLTLGK.S	20
PSTAT+4556	proteomics_stat	2923721	2923747	+	2	4	R.DLSTCAQGK.I	13
PSTAT+4557	proteomics_stat	2924750	2924833	+	2	3	R.ALHVGEAPNMVVCWGGHSINENEYLYAR.R	32
PSTAT+4558	proteomics_stat	2925119	2925163	+	2	2	E.ELLYLLGILMNPANK.D	19
PSTAT+4559	proteomics_stat	2925221	2925265	+	2	8	R.VLDEFVHTLGENAR.R	19
PSTAT+4560	proteomics_stat	2925500	2925532	+	2	2	R.AFSGIVAGNVK.E	15
PSTAT+4561	proteomics_stat	2925575	2925601	+	2	4	K.INGDKEIMR.R	13
PSTAT+4562	proteomics_stat	2925602	2925643	+	2	4	R.RMDDLQGFVAQHR.M	18
PSTAT+4563	proteomics_stat	2925605	2925643	+	2	2	R.MDDLQGFVAQHR.M	17
PSTAT+4564	proteomics_stat	2929416	2929460	+	3	2	K.VTQAGHQATIVSTDK.G	19
PSTAT+4565	proteomics_stat	2933921	2933998	+	2	2	K.AIWGFNGTERPGAVYLAAALAAHSQK.G	30
PSTAT+4566	proteomics_stat	2934323	2934358	+	2	2	R.YGEDENNKQYQR.N	16
PSTAT+4567	proteomics_stat	2934740	2934814	+	2	2	K.LDGLAEHGIIHLINSGSAALDGSK.Q	29
PSTAT+4568	proteomics_stat	2936955	2937041	+	3	2	K.VLAEMGHGDEIIFSDAHFPAHSMGPQVIR.A	33
PSTAT+4569	proteomics_stat	2942567	2942626	+	2	3	M.TNPQFAGHPFGTTVAETLR.N	24
PSTAT+4570	proteomics_stat	2942627	2942668	+	2	3	R.NTFAPLTQWEDKYR.Q	18
PSTAT+4571	proteomics_stat	2942870	2942929	+	2	4	K.TAAELQAQSPLALFDELGLR.A	24
PSTAT+4572	proteomics_stat	2942951	2942998	+	2	2	R.SQGLNALSEAIIAATK.Q	20
PSTAT+4573	proteomics_stat	2944700	2944741	+	2	2	S.ENIFITQCPRVDLR.T	18
PSTAT+4574	proteomics_stat	2947279	2947305	+	1	3	R.KTELVEGFR.H	13
PSTAT+4575	proteomics_stat	2947963	2948010	+	1	2	R.VEAQEEKGDYNSGTVR.F	20
PSTAT+4576	proteomics_stat	2948164	2948235	+	1	4	R.ATINDIGGILELIRPLEQQGILVR.R	28
PSTAT+4577	proteomics_stat	2948239	2948289	+	1	3	R.SREQLEMEIDKFTIQR.D	21
PSTAT+4578	proteomics_stat	2948341	2948382	+	1	2	K.IGEMACVAVHPDYR.S	18
PSTAT+4579	proteomics_stat	2952302	2952352	+	2	2	I.SSNVKASRTWAASWRLR.T	21
PSTAT+4580	proteomics_stat	2960179	2960268	+	1	6	L.MLCLLKALSLGISGNTRTNISQIKLAGSGK.S	34
PSTAT+4581	proteomics_stat	2969482	2969508	+	1	2	R.DDVSQIIER.-	13
PSTAT+4582	proteomics_stat	2969856	2969879	+	3	3	R.EKLIASK.V	12
PSTAT+4583	proteomics_stat	2969910	2969939	+	3	5	K.GIRPDQALDR.K	14
PSTAT+4584	proteomics_stat	2969979	2970047	+	3	4	R.LQTDYLDLYQVHWPQRPTNCFGK.L	27
PSTAT+4585	proteomics_stat	2970048	2970125	+	3	8	K.LGYSWTD SAPAVSLDLDLALAEYQR.A	30
PSTAT+4586	proteomics_stat	2970141	2970182	+	3	3	R.YIGVSNETAFGVMR.Y	18
PSTAT+4587	proteomics_stat	2970183	2970218	+	3	3	R.YLHLADKHDLP.R	16
PSTAT+4588	proteomics_stat	2970219	2970257	+	3	3	R.IVTIQNPYSLLNR.S	17
PSTAT+4589	proteomics_stat	2970351	2970383	+	3	4	K.YLNGAKPAGAR.N	15
PSTAT+4590	proteomics_stat	2970468	2970509	+	3	11	R.HGLDPAQMALAFVR.R	18

PSTAT+4591	proteomics_stat	2970510	2970566	+	3	4	R.RQPFVASTLLGATTMDQLK.T	23
PSTAT+4592	proteomics_stat	2977974	2978024	+	3	2	Q.HKSDSILGMDRRGIKHR.Q	21
PSTAT+4593	proteomics_stat	3010299	3010367	+	3	6	K.VEAAASFARSRAGREALITVLSK.A	27
PSTAT+4594	proteomics_stat	3016819	3016845	+	1	6	A.RTAPTSPLR.S	13
PSTAT+4595	proteomics_stat	3020101	3020178	+	1	2	H.RLTAVCSARKCVTSAIVLLRSSQKVK.K	30
PSTAT+4596	proteomics_stat	3031402	3031458	+	1	2	R.ATDPSGIVENEVCPVFAAR.T	23
PSTAT+4597	proteomics_stat	3031919	3031978	+	2	2	K.AVTDFTTTNEELKAVCDFRV.N	24
PSTAT+4598	proteomics_stat	3037937	3037999	+	2	6	K.IRDIIPELVTLHNLKDDSPK.L	25
PSTAT+4599	proteomics_stat	3037937	3037984	+	2	6	K.IRDIIPELVTLHNLK.D	20
PSTAT+4600	proteomics_stat	3038345	3038395	+	2	2	R.IQSWCEQILNEMAEHYA.-	21
PSTAT+4601	proteomics_stat	3039383	3039451	+	2	65	R.LPLTMTLDDWALATITGADSEK.Y	27
PSTAT+4602	proteomics_stat	3039452	3039532	+	2	2	K.YMQGQVTADV SQMAEDQHLLAAHCDAK.G	31
PSTAT+4603	proteomics_stat	3039566	3039595	+	2	2	R.DGDGF AWIER.R	14
PSTAT+4604	proteomics_stat	3039635	3039652	+	2	2	K.YAVFSK.V	10
PSTAT+4605	proteomics_stat	3039653	3039679	+	2	3	K.VTIAPDDER.V	13
PSTAT+4606	proteomics_stat	3039680	3039712	+	2	2	R.VLLGVAGFQAR.A	15
PSTAT+4607	proteomics_stat	3039713	3039757	+	2	4	R.AALANLFSSELP SKEK.Q	19
PSTAT+4608	proteomics_stat	3039713	3039751	+	2	4	R.AALANLFSSELP SK.E	17
PSTAT+4609	proteomics_stat	3039770	3039814	+	2	5	K.EGATLLWFEPHAER.F	19
PSTAT+4610	proteomics_stat	3039815	3039862	+	2	9	R.FLIVTDEATANMLTDK.L	20
PSTAT+4611	proteomics_stat	3040010	3040045	+	2	4	K.KGCTYTGQEMVAR.A	16
PSTAT+4612	proteomics_stat	3040013	3040045	+	2	3	K.GCYTGQEMVAR.A	15
PSTAT+4613	proteomics_stat	3040106	3040138	+	2	4	R.LPEAGEDLELK.M	15
PSTAT+4614	proteomics_stat	3040187	3040255	+	2	4	K.LEDGQVVVQVMNNDMEPDSIFR.V	27
PSTAT+4615	proteomics_stat	3040262	3040312	+	2	3	R.DDANTLHIEPLPYSLEE.-	21
PSTAT+4616	proteomics_stat	3041714	3041770	+	2	3	K.DFLWGGAVAAHQVEGGWNK.G	23
PSTAT+4617	proteomics_stat	3041780	3041830	+	2	6	K.GPSICDVLTTGGAHGVPR.E	21
PSTAT+4618	proteomics_stat	3041861	3041917	+	2	3	K.YYPNHEAVDFYGHYKEDIK.L	23
PSTAT+4619	proteomics_stat	3042053	3042136	+	2	5	K.YNIIEPVITLSHFEMPLHLVQQYGSWTNR.K	32
PSTAT+4620	proteomics_stat	3042197	3042238	+	2	2	K.VKYWMTFNEINNQR.N	18
PSTAT+4621	proteomics_stat	3042398	3042478	+	2	2	V.GCMLAMVPLYPYS CNPDDVMFAQESMR.E	31
PSTAT+4622	proteomics_stat	3042512	3042550	+	2	3	R.GYYP SYVLNEWER.R	17
PSTAT+4623	proteomics_stat	3042719	3042760	+	2	3	K.ASDWGWQIDPVGLR.Y	18
PSTAT+4624	proteomics_stat	3042890	3042913	+	2	2	R.AHIEEMKK.A	12
PSTAT+4625	proteomics_stat	3043007	3043060	+	2	3	R.YGFIYVKNHDDGTGDM SR.S	22
PSTAT+4626	proteomics_stat	3043091	3043117	+	2	2	K.EVIASNGEK.L	13
PSTAT+4627	proteomics_stat	3053706	3053744	+	3	8	R.DALNQAADDLNQR.L	17
PSTAT+4628	proteomics_stat	3053847	3053879	+	3	3	K.TRDYAASMEQR.I	15
PSTAT+4629	proteomics_stat	3053853	3053879	+	3	5	R.DYAASMEQR.I	13
PSTAT+4630	proteomics_stat	3053886	3053930	+	3	4	R.MLQQTIEQALLEQGR.I	19
PSTAT+4631	proteomics_stat	3057889	3057933	+	1	3	R.IKQLENMFGQPLLVR.T	19
PSTAT+4632	proteomics_stat	3057934	3057969	+	1	3	R.TVPPRPTEQGQK.L	16
PSTAT+4633	proteomics_stat	3058183	3058248	+	1	4	R.RGEVVGAVSIQH QALPSCLVDK.L	26
PSTAT+4634	proteomics_stat	3058249	3058299	+	1	2	K.LGALDYLFVSSKPFAEK.Y	21
PSTAT+4635	proteomics_stat	3058615	3058650	+	1	7	R.KVTDALLDYGHK.V	16
PSTAT+4636	proteomics_stat	3068261	3068308	+	2	3	H.AAIRADRSISCSADLR.L	20

PSTAT+4637	proteomics_stat	3078992	3079090	+	2	2	R.CRVMTVDVANNVPAVSFETHCGVVGEPAFNVTI.D	37
PSTAT+4638	proteomics_stat	3080073	3080111	+	3	4	K.TLSDQACQEMDSK.A	17
PSTAT+4639	proteomics_stat	3080265	3080357	+	3	5	R.VYSGLMDMMTDNEVEAVIGHMGHVALGHVK.K	35
PSTAT+4640	proteomics_stat	3080469	3080495	+	3	2	K.LVNSQFSQR.Q	13
PSTAT+4641	proteomics_stat	3084731	3084781	+	2	3	M.AKHLFTSESVSEGHDPK.I	21
PSTAT+4642	proteomics_stat	3084737	3084781	+	2	12	K.HLFTSESVSEGHDPK.I	19
PSTAT+4643	proteomics_stat	3084737	3084838	+	2	39	K.HLFTSESVSEGHDPKIADQISDAVLDAILEQDPK.A	38
PSTAT+4644	proteomics_stat	3084782	3084838	+	2	7	K.IADQISDAVLDAILEQDPK.A	23
PSTAT+4645	proteomics_stat	3084782	3084832	+	2	2	K.IADQISDAVLDAILEQD.P	21
PSTAT+4646	proteomics_stat	3084950	3085021	+	2	48	R.EIGYVHSDMGFDANSCAVLSAIGK.Q	28
PSTAT+4647	proteomics_stat	3085022	3085054	+	2	2	K.QSPDINQGVDR.A	15
PSTAT+4648	proteomics_stat	3085055	3085159	+	2	7	R.ADPLEQGAGDQGLMFGYATNETDVLMPAPITYAHR.L	39
PSTAT+4649	proteomics_stat	3085187	3085225	+	2	6	R.KNGTLPWLRPDAK.S	17
PSTAT+4650	proteomics_stat	3085190	3085225	+	2	7	K.NGTLPWLRPDAK.S	16
PSTAT+4651	proteomics_stat	3085226	3085258	+	2	2	K.SQVTFQYDDGK.I	15
PSTAT+4652	proteomics_stat	3085226	3085318	+	2	5	K.SQVTFQYDDGKIVGIDAVVLSTQHSEEIDQK.S	35
PSTAT+4653	proteomics_stat	3085259	3085318	+	2	9	K.IVGIDAVVLSTQHSEEIDQK.S	24
PSTAT+4654	proteomics_stat	3085319	3085393	+	2	54	K.SLQEAVMEEIIPILPAEWLTSATK.F	29
PSTAT+4655	proteomics_stat	3085394	3085417	+	2	3	K.FFINPTGR.F	12
PSTAT+4656	proteomics_stat	3085418	3085462	+	2	4	R.FVIGGPMGDCGLTGR.K	19
PSTAT+4657	proteomics_stat	3085463	3085498	+	2	5	R.KIIVDTYGGMAR.H	16
PSTAT+4658	proteomics_stat	3085466	3085498	+	2	3	K.IIVDTYGGMAR.H	15
PSTAT+4659	proteomics_stat	3085499	3085546	+	2	11	R.HGGGAFSGKDPSKVDR.S	20
PSTAT+4660	proteomics_stat	3085499	3085537	+	2	5	R.HGGGAFSGKDPSK.V	17
PSTAT+4661	proteomics_stat	3085580	3085609	+	2	7	K.NIVAAGLADR.C	14
PSTAT+4662	proteomics_stat	3085688	3085720	+	2	3	K.VPSEQLTLLVR.E	15
PSTAT+4663	proteomics_stat	3085787	3085816	+	2	9	K.ETAAYGHFGR.E	14
PSTAT+4664	proteomics_stat	3085838	3085861	+	2	3	K.TDKAQLLR.D	12
PSTAT+4665	proteomics_stat	3089171	3089245	+	2	2	R.IYHPEPLTSHSHIALCEDAANHIGR.V	29
PSTAT+4666	proteomics_stat	3089255	3089335	+	2	2	R.MGPGQALQLFDGSNQVFDAEITSASKK.S	31
PSTAT+4667	proteomics_stat	3089351	3089419	+	2	3	K.VLEGQIDDRESPLHIHLGQVMSR.G	27
PSTAT+4668	proteomics_stat	3089726	3089782	+	2	3	R.LLIGPEGGLSADEIAMTAR.Y	23
PSTAT+4669	proteomics_stat	3090212	3090259	+	2	2	R.AEEKGTILVINKPQSLR.D	20
PSTAT+4670	proteomics_stat	3090224	3090259	+	2	3	K.GTLIVNKPQSLR.D	16
PSTAT+4671	proteomics_stat	3090275	3090325	+	2	9	K.LFTAWFSDLTPETLVTR.N	21
PSTAT+4672	proteomics_stat	3090359	3090415	+	2	11	K.HSDIILKPLDGMGGASIFR.V	23
PSTAT+4673	proteomics_stat	3090377	3090415	+	2	3	L.KPLDGMGGASIFR.V	17
PSTAT+4674	proteomics_stat	3090416	3090478	+	2	3	R.VKEGDPNLGVIAETLTHEGTR.Y	25
PSTAT+4675	proteomics_stat	3090479	3090514	+	2	3	R.YCMAQNYLPAIK.D	16
PSTAT+4676	proteomics_stat	3090530	3090574	+	2	2	R.VLVVDGEPVPYCLAR.I	19
PSTAT+4677	proteomics_stat	3090734	3090772	+	2	3	R.LTEINVTSPTCIR.E	17
PSTAT+4678	proteomics_stat	3090773	3090835	+	2	62	R.EIEAFPVSITGMLMDAIEAR.L	25
PSTAT+4679	proteomics_stat	3091022	3091099	+	2	3	R.SVYICEHNTNGAMGIIVNKPLENLK.I	30
PSTAT+4680	proteomics_stat	3091160	3091204	+	2	3	R.LDKPVMGGPLAEDR.G	19
PSTAT+4681	proteomics_stat	3091205	3091252	+	2	5	R.GFILHTPPSNFASSIR.I	20
PSTAT+4682	proteomics_stat	3091286	3091363	+	2	3	R.DVLETLGTDKQPSDVLVALGYASWEK.G	30

PSTAT+4683	proteomics_stat	3091364	3091435	+	2	6	K.GQLEQEILDNAWLTAPADLNILFK.T	28
PSTAT+4684	proteomics_stat	3093120	3093155	+	3	6	K.MNDIAHNLAQVR.D	16
PSTAT+4685	proteomics_stat	3093156	3093182	+	3	8	R.DKISAAATR.C	13
PSTAT+4686	proteomics_stat	3093228	3093275	+	3	9	K.TKPASAIAEAIDAGQR.Q	20
PSTAT+4687	proteomics_stat	3093321	3093386	+	3	10	R.HFQELGVTGLEWHFIGPLQSNK.S	26
PSTAT+4688	proteomics_stat	3093393	3093434	+	3	5	R.LVAEHFDWCHTIDR.L	18
PSTAT+4689	proteomics_stat	3093531	3093590	+	3	17	K.SGIQLAELDELAABAVALPR.L	24
PSTAT+4690	proteomics_stat	3094880	3094963	+	2	3	K.VTALPAIADDSGLAVDVLGGAPGIYSAR.Y	32
PSTAT+4691	proteomics_stat	3095006	3095044	+	2	2	K.LLETMKDVPDDQR.Q	17
PSTAT+4692	proteomics_stat	3095081	3095140	+	2	2	R.HAEDPTPLVCHGSWPGVITR.E	24
PSTAT+4693	proteomics_stat	3095141	3095203	+	2	2	R.EPAGTGGFGYDPIFFVPSEGK.T	25
PSTAT+4694	proteomics_stat	3095469	3095543	+	3	2	K.TIFIGGGTPSLLSGPAMQTLDDGVR.A	29
PSTAT+4695	proteomics_stat	3102124	3102150	+	1	3	R.TIFCTFLQR.E	13
PSTAT+4696	proteomics_stat	3102151	3102198	+	1	4	R.EAEGQDFQLYPGELGK.R	20
PSTAT+4697	proteomics_stat	3102202	3102222	+	1	2	R.IYNEISK.E	11
PSTAT+4698	proteomics_stat	3102274	3102303	+	1	3	K.KLNMMNAEHR.K	14
PSTAT+4699	proteomics_stat	3102277	3102303	+	1	2	K.LNMMNAEHR.K	13
PSTAT+4700	proteomics_stat	3102277	3102306	+	1	2	K.LNMMNAEHRK.L	14
PSTAT+4701	proteomics_stat	3102304	3102348	+	1	26	R.KLLEQEMVNFLFEGK.E	19
PSTAT+4702	proteomics_stat	3102307	3102348	+	1	36	K.LLEQEMVNFLFEGK.E	18
PSTAT+4703	proteomics_stat	3102349	3102387	+	1	9	K.EVHIEGYTPEDKK.-	17
PSTAT+4704	proteomics_stat	3102680	3102754	+	2	3	R.SHINFDDGTITTIETIAGTEPAAHLR.R	29
PSTAT+4705	proteomics_stat	3103136	3103183	+	2	2	R.SDALGLMQVQHTAGK.D	20
PSTAT+4706	proteomics_stat	3104960	3104989	+	2	2	R.VPTGTQTVSH.-	14
PSTAT+4707	proteomics_stat	3136752	3136778	+	3	7	M.TDNTYQPAK.V	13
PSTAT+4708	proteomics_stat	3136755	3136778	+	3	2	T.DNTYQPAK.V	12
PSTAT+4709	proteomics_stat	3136875	3136919	+	3	14	K.HPLQLYSLGTPNGQK.V	19
PSTAT+4710	proteomics_stat	3136992	3137048	+	3	3	R.IGDGDQFSSGFVEVNPNSK.I	23
PSTAT+4711	proteomics_stat	3137133	3137165	+	3	2	K.FGYFLPQDLAK.R	15
PSTAT+4712	proteomics_stat	3137529	3137564	+	3	7	R.TNGPLNEQLHER.H	16
PSTAT+4713	proteomics_stat	3137565	3137612	+	3	4	R.HDASDFETNTEDKRQG.-	20
PSTAT+4714	proteomics_stat	3137565	3137606	+	3	11	R.HDASDFETNTEDKR.Q	18
PSTAT+4715	proteomics_stat	3145991	3146056	+	2	9	R.LPALSGLLWHNFGHVNALESQR.A	26
PSTAT+4716	proteomics_stat	3146069	3146155	+	2	7	R.KAFDLGITHFDLANNYGPPPGSAEENFGR.L	33
PSTAT+4717	proteomics_stat	3146072	3146155	+	2	4	K.AFDLGITHFDLANNYGPPPGSAEENFGR.L	32
PSTAT+4718	proteomics_stat	3146210	3146257	+	2	3	K.AGYDMWPGPYGSGGSR.K	20
PSTAT+4719	proteomics_stat	3146477	3146521	+	2	10	K.IPLLIHQPSYNLLNR.W	19
PSTAT+4720	proteomics_stat	3146534	3146617	+	2	3	K.SGLLDTLQNNGVGCIIFTPLAQGLLTGK.Y	32
PSTAT+4721	proteomics_stat	3146750	3146800	+	2	3	R.GQSMAQMALSWLLKDDR.V	21
PSTAT+4722	proteomics_stat	3146831	3146887	+	2	2	R.AEQLEENVQALNNLTFSTK.E	23
PSTAT+4723	proteomics_stat	3146888	3146956	+	2	5	K.ELAQIDQHIADGELNLWQASSDK.-	27
PSTAT+4724	proteomics_stat	3147699	3147737	+	3	2	K.DPTTQYTYGEPK.Q	17
PSTAT+4725	proteomics_stat	3147834	3147872	+	3	3	R.KALVTGGDSGIGR.A	17
PSTAT+4726	proteomics_stat	3147837	3147872	+	3	3	K.ALVTGGDSGIGR.A	16
PSTAT+4727	proteomics_stat	3148215	3148292	+	3	4	K.GASIIITSSIQAYQSPHLLDYAATK.A	30
PSTAT+4728	proteomics_stat	3150270	3150302	+	3	5	K.KLDTQLVNAGR.S	15

PSTAT+4729	proteomics_stat	3150276	3150302	+	3	2	L.DTQLVNAGR.S	13
PSTAT+4730	proteomics_stat	3150309	3150347	+	3	6	K.KYTLGAVNSVIQR.A	17
PSTAT+4731	proteomics_stat	3150312	3150347	+	3	3	K.YTLGAVNSVIQR.A	16
PSTAT+4732	proteomics_stat	3150348	3150383	+	3	2	R.ASSLVFDSVEAK.K	16
PSTAT+4733	proteomics_stat	3150630	3150683	+	3	8	K.LGVTTSWFDPLIGADIVK.H	22
PSTAT+4734	proteomics_stat	3150705	3150779	+	3	9	K.IVFLESPGSITMEVHDVPAIVAAVR.S	29
PSTAT+4735	proteomics_stat	3150888	3150941	+	3	3	K.YLVGHS DAMIGTAVCNAR.C	22
PSTAT+4736	proteomics_stat	3150960	3151019	+	3	2	R.ENAYLMGQMVDADTAYITSR.G	24
PSTAT+4737	proteomics_stat	3151074	3151112	+	3	4	K.VAEWLAEHPQVAR.V	17
PSTAT+4738	proteomics_stat	3151164	3151208	+	3	3	R.DFTGSSGLFSFVLKK.K	19
PSTAT+4739	proteomics_stat	3151374	3151436	+	3	5	R.LHIGLEDVDDLIADLDAGFAR.I	25
PSTAT+4740	proteomics_stat	3153377	3153409	+	2	10	V.MNNFNHLTPTR.I	15
PSTAT+4741	proteomics_stat	3153470	3153502	+	2	4	R.VLITYGGGSVK.K	15
PSTAT+4742	proteomics_stat	3153503	3153541	+	2	10	K.KTGVLQVLDALK.G	17
PSTAT+4743	proteomics_stat	3153506	3153541	+	2	3	K.TGVLQVLDALK.G	16
PSTAT+4744	proteomics_stat	3153542	3153613	+	2	8	K.GMDVLEFGGIEPNPAYETLMNAVK.L	28
PSTAT+4745	proteomics_stat	3153672	3153725	+	3	2	W.TAPNLSPQRLTIRKISIR.G	22
PSTAT+4746	proteomics_stat	3153683	3153751	+	2	7	K.FIAAAANYPENIDPWHILQTGGK.E	27
PSTAT+4747	proteomics_stat	3153761	3153838	+	2	8	K.SAIPMGCVLTPATGSES NAGAVISR.K	30
PSTAT+4748	proteomics_stat	3153842	3153934	+	2	5	K.TTGDKQAFHSAHVQPVFAVLDPVYTYTLPPR.Q	35
PSTAT+4749	proteomics_stat	3153857	3153934	+	2	38	K.QAFHSAHVQPVFAVLDPVYTYTLPPR.Q	30
PSTAT+4750	proteomics_stat	3153935	3154009	+	2	32	R.QVANGVVD AFVHTVEQYVTKPVDK.I	29
PSTAT+4751	proteomics_stat	3154022	3154066	+	2	34	R.FAEGILLTLIEDGPK.A	19
PSTAT+4752	proteomics_stat	3154067	3154099	+	2	13	K.ALKEPENYDVR.A	15
PSTAT+4753	proteomics_stat	3154307	3154369	+	2	8	R.VWNITEGSDDERIDAAIAATR.N	25
PSTAT+4754	proteomics_stat	3154343	3154369	+	2	2	R.IDAAIAATR.N	13
PSTAT+4755	proteomics_stat	3154370	3154450	+	2	17	R.NFFEQLGVPTHLS DYGLDGSSIPALLK.K	31
PSTAT+4756	proteomics_stat	3154370	3154453	+	2	3	R.NFFEQLGVPTHLS DYGLDGSSIPALLKK.L	32
PSTAT+4757	proteomics_stat	3154451	3154516	+	2	81	K.KLEE HGMTQLGENHDITLDVSR.R	26
PSTAT+4758	proteomics_stat	3154454	3154516	+	2	2	K.LEE HGMTQLGENHDITLDVSR.R	25
PSTAT+4759	proteomics_stat	3154669	3154752	+	1	19	K.LQDGNVMPQLGLGVWQASNEEVITAIQK.A	32
PSTAT+4760	proteomics_stat	3154774	3154821	+	1	8	R.SIDTAAAYKNEEGVGK.A	20
PSTAT+4761	proteomics_stat	3154831	3154872	+	1	8	K.NASVNREELFITTK.L	18
PSTAT+4762	proteomics_stat	3154903	3154929	+	1	3	R.EALLDSLKK.L	13
PSTAT+4763	proteomics_stat	3155044	3155085	+	1	4	K.SIGVCNFIHHLQR.L	18
PSTAT+4764	proteomics_stat	3155086	3155154	+	1	6	R.LIDETGVTPVINQIELHPLMQQR.Q	27
PSTAT+4765	proteomics_stat	3155185	3155226	+	1	4	K.IQTESWSPLAQGGK.G	18
PSTAT+4766	proteomics_stat	3155254	3155277	+	1	3	R.DLADKYGK.T	12
PSTAT+4767	proteomics_stat	3155278	3155301	+	1	6	K.TPAQIVIR.W	12
PSTAT+4768	proteomics_stat	3155302	3155337	+	1	17	R.WHLDSGLVVIPK.S	16
PSTAT+4769	proteomics_stat	3155356	3155421	+	1	7	R.IAENFDVWDFRLDKDELGEIAK.L	26
PSTAT+4770	proteomics_stat	3155389	3155421	+	1	7	R.LDKDELGEIAK.L	15
PSTAT+4771	proteomics_stat	3158692	3158760	+	1	3	A.EDHRYIFPRLFTTLGINQCGAIR.A	27
PSTAT+4772	proteomics_stat	3169400	3169501	+	2	2	R.LDSLNLQDVAEIPLEDLLQSSVMDIYHTAQAK.I	38
PSTAT+4773	proteomics_stat	3170555	3170584	+	2	2	M.SNILIINGAK.K	14
PSTAT+4774	proteomics_stat	3170588	3170650	+	2	3	K.FAHSNGQLNDTLTEVADGTLR.D	25

PSTAT+4775	proteomics_stat	3170792	3170848	+	2	2	K.YIDDFTEGHGHTLYASDGR.T	23
PSTAT+4776	proteomics_stat	3170873	3170902	+	2	2	K.YGSSGLVQGK.K	14
PSTAT+4777	proteomics_stat	3170957	3171010	+	2	3	K.DQFFHGVGVGDGVYLPFHK.A	22
PSTAT+4778	proteomics_stat	3171410	3171457	+	2	8	K.AYSEAVKGDVLEMNIR.I	20
PSTAT+4779	proteomics_stat	3171431	3171457	+	2	2	K.GDVLEMNIR.I	13
PSTAT+4780	proteomics_stat	3176203	3176235	+	1	2	A.ENLMQVYQAR.L	15
PSTAT+4781	proteomics_stat	3176260	3176292	+	1	2	K.SAADRDAAFEK.I	15
PSTAT+4782	proteomics_stat	3176368	3176442	+	1	7	R.DANGINSNATSASLQLTQSIFDMSK.W	29
PSTAT+4783	proteomics_stat	3176632	3176676	+	1	4	R.FNVGLVAITDVQNAR.A	19
PSTAT+4784	proteomics_stat	3176719	3176751	+	1	3	R.NNLDNAVEQLR.Q	15
PSTAT+4785	proteomics_stat	3176752	3176808	+	1	2	R.QITGNYPPELAALNVENFK.T	23
PSTAT+4786	proteomics_stat	3176998	3177051	+	1	2	K.TRGAAGTQYDDSNMGQNK.V	22
PSTAT+4787	proteomics_stat	3177004	3177051	+	1	10	R.GAAGTQYDDSNMGQNK.V	20
PSTAT+4788	proteomics_stat	3177052	3177111	+	1	2	K.VGLSFLPIYQGGMVNSQVK.Q	24
PSTAT+4789	proteomics_stat	3177112	3177165	+	1	4	K.QAQYNFVGASEQLESAHR.S	22
PSTAT+4790	proteomics_stat	3177187	3177237	+	1	5	R.SSFNNINASSINAYK.Q	21
PSTAT+4791	proteomics_stat	3177304	3177351	+	1	9	R.TIVDVLDTTTLYNAK.Q	20
PSTAT+4792	proteomics_stat	3177373	3177405	+	1	4	R.YNYLINQLNIK.S	15
PSTAT+4793	proteomics_stat	3177946	3177984	+	1	2	K.SAECTTAYNNALK.E	17
PSTAT+4794	proteomics_stat	3178165	3178215	+	1	4	R.LMGGGAGFAQQPLFSSK.N	21
PSTAT+4795	proteomics_stat	3178560	3178625	+	3	3	K.LTLAQVEKLEEVTAELHQMCLK.V	26
PSTAT+4796	proteomics_stat	3178584	3178625	+	3	2	K.LEEVTAELHQMCLK.V	18
PSTAT+4797	proteomics_stat	3178704	3178742	+	3	3	R.QSWLTHQPSLYSR.L	17
PSTAT+4798	proteomics_stat	3179745	3179798	+	3	37	T.TANNALALGSITCHLHGR.G	22
PSTAT+4799	proteomics_stat	3182931	3182957	+	3	2	R.EFGEDVEKK.I	13
PSTAT+4800	proteomics_stat	3183051	3183077	+	3	5	R.EKLALLEQR.I	13
PSTAT+4801	proteomics_stat	3199505	3199537	+	2	6	R.SRVPDENQVK.T	15
PSTAT+4802	proteomics_stat	3199538	3199585	+	2	4	K.TLTDKLTNIDNTWNQR.T	20
PSTAT+4803	proteomics_stat	3199607	3199657	+	2	2	K.VAQSDSVINGLKEENQK.L	21
PSTAT+4804	proteomics_stat	3199658	3199687	+	2	3	K.LKNELIVAQK.K	14
PSTAT+4805	proteomics_stat	3200111	3200182	+	2	2	K.SGSGYTGFTCYAAPDVTLEDDLKR.R	28
PSTAT+4806	proteomics_stat	3200129	3200182	+	2	4	T.GFTCYAAPDVTLEDDLKR.R	22
PSTAT+4807	proteomics_stat	3200186	3200269	+	2	4	R.DLTINALAQDDNGEIIDPYNGLGLQNR.L	32
PSTAT+4808	proteomics_stat	3200396	3200440	+	2	2	R.EMTHAGELEHLTPER.V	19
PSTAT+4809	proteomics_stat	3200525	3200575	+	2	2	R.VLFPEIDALFGVPAPAK.W	21
PSTAT+4810	proteomics_stat	3208818	3208853	+	3	9	K.VRENEPFDVALR.R	16
PSTAT+4811	proteomics_stat	3208878	3208901	+	3	5	K.AGVLAEVR.R	12
PSTAT+4812	proteomics_stat	3208908	3208937	+	3	5	R.EFYEKPTTER.K	14
PSTAT+4813	proteomics_stat	3208908	3208940	+	3	5	R.EFYEKPTTERK.R	15
PSTAT+4814	proteomics_stat	3210212	3210292	+	2	3	R.MEQAMPLSAFLFNSLMPQVDLSTPDGR.A	31
PSTAT+4815	proteomics_stat	3211408	3211434	+	1	2	R.EGEIDIKR.I	13
PSTAT+4816	proteomics_stat	3211408	3211431	+	1	3	R.EGEIDIAK.R	12
PSTAT+4817	proteomics_stat	3211432	3211518	+	1	4	K.RIEDGINQVQCSVAEYPEAITYLLEQYDR.V	33
PSTAT+4818	proteomics_stat	3211435	3211518	+	1	4	R.IEDGINQVQCSVAEYPEAITYLLEQYDR.V	32
PSTAT+4819	proteomics_stat	3211435	3211539	+	1	4	R.IEDGINQVQCSVAEYPEAITYLLEQYDRVEAEER.L	39
PSTAT+4820	proteomics_stat	3211666	3211722	+	1	2	E.DGDDDSADDDNSIDPELAR.E	23



PSTAT+4821	proteomics_stat	3211669	3211722	+	1	2	D.GDDDSADDDNSIDPELAR.E	22
PSTAT+4822	proteomics_stat	3211723	3211743	+	1	2	R.EKFAELR.A	11
PSTAT+4823	proteomics_stat	3211789	3211821	+	1	17	R.SHATAQEELK.L	15
PSTAT+4824	proteomics_stat	3211861	3211890	+	1	2	K.QFDYLVNSMR.V	14
PSTAT+4825	proteomics_stat	3212056	3212085	+	1	11	K.LHDVSEEVHR.A	14
PSTAT+4826	proteomics_stat	3212098	3212145	+	1	3	K.LQQIEEETGLTIEQVK.D	20
PSTAT+4827	proteomics_stat	3212260	3212310	+	1	27	R.GLQFLDLIQEGNIGLMK.A	21
PSTAT+4828	proteomics_stat	3212422	3212454	+	1	14	R.IPVHMIETINK.L	15
PSTAT+4829	proteomics_stat	3212473	3212526	+	1	2	R.QMLQEMGREPTPEELAER.M	22
PSTAT+4830	proteomics_stat	3212692	3212730	+	1	10	R.AATHDVLAGLTAR.E	17
PSTAT+4831	proteomics_stat	3212755	3212802	+	1	7	R.FGIDMNTDYTLLEEVGK.Q	20
PSTAT+4832	proteomics_stat	3215335	3215373	+	1	5	R.VNQSDISDAQIKK.I	17
PSTAT+4833	proteomics_stat	3217525	3217587	+	1	2	R.LPSSASALACSAHALNIEKR.T	25
PSTAT+4834	proteomics_stat	3217525	3217584	+	1	4	R.LPSSASALACSAHALNIEK.R	24
PSTAT+4835	proteomics_stat	3217624	3217677	+	1	2	R.EVIEYFKEHVNPGFLEYR.K	22
PSTAT+4836	proteomics_stat	3217645	3217677	+	1	4	K.EHVNPGFLEYR.K	15
PSTAT+4837	proteomics_stat	3217813	3217854	+	1	2	R.NPVVVS AVQNQLAK.Q	18
PSTAT+4838	proteomics_stat	3218107	3218139	+	1	5	R.KPFMPLLPGFR.H	15
PSTAT+4839	proteomics_stat	3218197	3218289	+	1	4	K.TGDDVA AVILEPIQEGGVILPPPGLTAVR.K	35
PSTAT+4840	proteomics_stat	3218794	3218844	+	1	2	R.IEPPLTLTIEQCELVIK.A	21
PSTAT+4841	proteomics_stat	3220256	3220315	+	2	2	R.GLNIPQDISLISVNDIPTAR.F	24
PSTAT+4842	proteomics_stat	3222742	3222759	+	1	3	S.VPAEGK.H	10
PSTAT+4843	proteomics_stat	3229690	3229740	+	1	4	M.SYPSLFAPLDLGFITLK.N	21
PSTAT+4844	proteomics_stat	3229942	3229977	+	1	4	R.TITEAVHQEGGK.I	16
PSTAT+4845	proteomics_stat	3229945	3229977	+	1	3	T.ITEAVHQEGGK.I	15
PSTAT+4846	proteomics_stat	3229978	3230007	+	1	2	K.IALQILHTGR.Y	14
PSTAT+4847	proteomics_stat	3230008	3230064	+	1	3	R.YSYQPHLVAPSALQAPINR.F	23
PSTAT+4848	proteomics_stat	3230065	3230124	+	1	7	R.FVPHEL SHEILQLIDNFAR.C	24
PSTAT+4849	proteomics_stat	3230518	3230553	+	1	2	K.GHVSLPLVTTNR.I	16
PSTAT+4850	proteomics_stat	3230812	3230874	+	1	3	K.NLAVVGAGPAGLAFAINAAAR.G	25
PSTAT+4851	proteomics_stat	3235375	3235407	+	1	6	R.QFVEAAHESGK.Y	15
PSTAT+4852	proteomics_stat	3236275	3236316	+	1	2	R.RQTGVIFPADSVKL.-	18
PSTAT+4853	proteomics_stat	3236275	3236313	+	1	2	R.RQTGVIFPADSVK.L	17
PSTAT+4854	proteomics_stat	3238761	3238805	+	3	3	R.SSAANIPVNMALCEK.L	19
PSTAT+4855	proteomics_stat	3239184	3239207	+	3	2	R.LANSALRN.-	12
PSTAT+4856	proteomics_stat	3244734	3244781	+	3	2	R.IEQGVYLVGDKLPAER.F	20
PSTAT+4857	proteomics_stat	3244908	3244976	+	3	5	R.HQQAADNNMEFANYGPFELLQAR.Q	27
PSTAT+4858	proteomics_stat	3247051	3247089	+	1	2	A.TTLCQEKEQNILK.E	17
PSTAT+4859	proteomics_stat	3247306	3247335	+	1	5	R.KLAEAQEELK.K	14
PSTAT+4860	proteomics_stat	3247309	3247338	+	1	3	K.LAEAQEELKK.L	14
PSTAT+4861	proteomics_stat	3247442	3247489	+	2	21	K.SLSDTLEEVLSSSGK.S	20
PSTAT+4862	proteomics_stat	3247550	3247585	+	2	11	R.YRLGETGDIAIK.Q	16
PSTAT+4863	proteomics_stat	3247556	3247585	+	2	12	R.LGETGDIAIK.Q	14
PSTAT+4864	proteomics_stat	3249049	3249096	+	1	2	M.GQLIDGVWHD TWYDTK.S	20
PSTAT+4865	proteomics_stat	3249463	3249507	+	1	2	K.KNHTIVSNESA EIIR.M	19
PSTAT+4866	proteomics_stat	3249466	3249507	+	1	8	K.NHTIVSNESA EIIR.M	18

PSTAT+4867	proteomics_stat	3249634	3249681	+	1	3	K.AGFATSQEAYDEAVAK.V	20
PSTAT+4868	proteomics_stat	3249703	3249729	+	1	3	R.LEQILGQHR.Y	13
PSTAT+4869	proteomics_stat	3249730	3249768	+	1	2	R.YLTGNQLTEADIR.L	17
PSTAT+4870	proteomics_stat	3249871	3249924	+	1	2	R.DIYQMPGIAETVNFDIR.N	22
PSTAT+4871	proteomics_stat	3275042	3275071	+	2	3	R.SHAVLTTESK.V	14
PSTAT+4872	proteomics_stat	3275126	3275191	+	2	3	K.LKPGQDSIHYEILPGGQVFMCR.L	26
PSTAT+4873	proteomics_stat	3275192	3275236	+	2	2	R.LGDEQEDHTMNAFLR.F	19
PSTAT+4874	proteomics_stat	3275237	3275272	+	2	2	R.FLDADIQNNPQK.T	16
PSTAT+4875	proteomics_stat	3292196	3292243	+	2	2	K.IALLPLNGQAAVFGFR.T	20
PSTAT+4876	proteomics_stat	3292499	3292588	+	2	5	K.IYDTSSQPLSQILSQVQQDGASIVVGPLLK.N	34
PSTAT+4877	proteomics_stat	3292670	3292714	+	2	2	R.VNICYFALSPEDEAR.D	19
PSTAT+4878	proteomics_stat	3292826	3292855	+	2	2	K.LGGGTVLQQK.F	14
PSTAT+4879	proteomics_stat	3292880	3292936	+	2	2	R.AGVNGGSGIALTGSPITLR.A	23
PSTAT+4880	proteomics_stat	3292937	3293023	+	2	7	R.ATTDSGTTNNPTLQTTPTDDQFTNNGGR.V	33
PSTAT+4881	proteomics_stat	3293093	3293134	+	2	4	R.NGSQSGATLYASSR.S	18
PSTAT+4882	proteomics_stat	3293168	3293278	+	2	2	R.LEMEGLQYSEIPMLAGGNLPLMQQALSAVNNDYSLAR.M	41
PSTAT+4883	proteomics_stat	3294110	3294133	+	2	4	R.LHDEVYAK.Q	12
PSTAT+4884	proteomics_stat	3294548	3294589	+	2	2	R.SVGTQVDDGTLEVR.V	18
PSTAT+4885	proteomics_stat	3294638	3294664	+	2	2	R.INVTAYQ GK.V	13
PSTAT+4886	proteomics_stat	3294665	3294709	+	2	5	K.VLLVGQSPNAELSAR.A	19
PSTAT+4887	proteomics_stat	3294716	3294766	+	2	5	K.QIAMGVDGANEVYNEIR.Q	21
PSTAT+4888	proteomics_stat	3294875	3294925	+	2	12	K.VTTENGEVFLMGLVTER.E	21
PSTAT+4889	proteomics_stat	3297134	3297163	+	2	5	K.KGEASVTIDK.S	14
PSTAT+4890	proteomics_stat	3301539	3301571	+	3	2	R.EAFSHSLDLAR.L	15
PSTAT+4891	proteomics_stat	3301917	3301961	+	3	2	R.DPNPHVRPVPGYGEK.I	19
PSTAT+4892	proteomics_stat	3316698	3316754	+	3	119	R.IGIAFSGGLDTSAALLWMR.Q	23
PSTAT+4893	proteomics_stat	3316755	3316835	+	3	3	R.QKGAVPYAYTANLQGPDEEDYDAIPRR.A	31
PSTAT+4894	proteomics_stat	3316755	3316832	+	3	2	R.QKGAVPYAYTANLQGPDEEDYDAIPR.R	30
PSTAT+4895	proteomics_stat	3316761	3316832	+	3	17	K.GAVPYAYTANLQGPDEEDYDAIPR.R	28
PSTAT+4896	proteomics_stat	3316776	3316832	+	3	3	Y.AYTANLQGPDEEDYDAIPR.R	23
PSTAT+4897	proteomics_stat	3316791	3316832	+	3	2	N.LGQPDEEDYDAIPR.R	18
PSTAT+4898	proteomics_stat	3316800	3316832	+	3	5	Q.PDEEDYDAIPR.R	15
PSTAT+4899	proteomics_stat	3316833	3316865	+	3	15	R.RAMEYGAENAR.L	15
PSTAT+4900	proteomics_stat	3316836	3316865	+	3	4	R.AMEYGAENAR.L	14
PSTAT+4901	proteomics_stat	3316881	3316979	+	3	24	R.KQLVAEGIAAIQCGAFHNTTGGLTYFNTPPLGR.A	37
PSTAT+4902	proteomics_stat	3316884	3316979	+	3	14	K.QLVAEGIAAIQCGAFHNTTGGLTYFNTPPLGR.A	36
PSTAT+4903	proteomics_stat	3316932	3316979	+	3	2	H.NTTGGLTYFNTPPLGR.A	20
PSTAT+4904	proteomics_stat	3316980	3317075	+	3	5	R.AVTGTMLVAAMKEDGVNIWGDGSTYKGNIDIER.F	36
PSTAT+4905	proteomics_stat	3316980	3317015	+	3	2	R.AVTGTMLVAAMK.E	16
PSTAT+4906	proteomics_stat	3316980	3317057	+	3	31	R.AVTGTMLVAAMKEDGVNIWGDGSTYK.G	30
PSTAT+4907	proteomics_stat	3317016	3317057	+	3	3	K.EDGVNIWGDGSTYK.G	18
PSTAT+4908	proteomics_stat	3317085	3317165	+	3	63	R.YGLLTNAELQIYKPWLDTDFIDELGGR.H	31
PSTAT+4909	proteomics_stat	3317166	3317210	+	3	21	R.HEMSEFMIACGFDYK.M	19
PSTAT+4910	proteomics_stat	3317226	3317273	+	3	11	K.AYSTDSNMLGATHEAK.D	20
PSTAT+4911	proteomics_stat	3317226	3317303	+	3	5	K.AYSTDSNMLGATHEAKDLEYLNSSVK.I	30
PSTAT+4912	proteomics_stat	3317274	3317303	+	3	14	K.DLEYLNSSVK.I	14

PSTAT+4913	proteomics_stat	3317304	3317330	+	3	4	K.IVNPIMGVK.F	13
PSTAT+4914	proteomics_stat	3317331	3317378	+	3	14	K.FWDESVKIPAEVTVR.F	20
PSTAT+4915	proteomics_stat	3317334	3317378	+	3	2	F.WDESVKIPAEVTVR.F	19
PSTAT+4916	proteomics_stat	3317352	3317378	+	3	6	K.IPAEEVTVR.F	13
PSTAT+4917	proteomics_stat	3317379	3317414	+	3	27	R.FEQGHPVALNGK.T	16
PSTAT+4918	proteomics_stat	3317382	3317414	+	3	2	F.EQGHPVALNGK.T	15
PSTAT+4919	proteomics_stat	3317415	3317456	+	3	8	K.TFSDDVEMMLEANR.I	18
PSTAT+4920	proteomics_stat	3317418	3317456	+	3	2	T.FSDDVEMMLEANR.I	17
PSTAT+4921	proteomics_stat	3317469	3317504	+	3	23	R.HGLGMSDQIENR.I	16
PSTAT+4922	proteomics_stat	3317502	3317576	+	3	5	N.RIIEAKSRGIYEAPGMALLHIAYER.L	29
PSTAT+4923	proteomics_stat	3317526	3317576	+	3	28	R.GIYEAPGMALLHIAYER.L	21
PSTAT+4924	proteomics_stat	3317577	3317633	+	3	5	R.LLTGIHNEDTIEQYHAHGR.Q	23
PSTAT+4925	proteomics_stat	3317577	3317621	+	3	2	R.LLTGIHNEDTIEQYH.A	19
PSTAT+4926	proteomics_stat	3317580	3317633	+	3	3	L.LTGIHNEDTIEQYHAHGR.Q	22
PSTAT+4927	proteomics_stat	3317664	3317693	+	3	3	R.WFDSQALMLR.D	14
PSTAT+4928	proteomics_stat	3317667	3317693	+	3	2	W.FDSQALMLR.D	13
PSTAT+4929	proteomics_stat	3317670	3317693	+	3	2	F.DSQALMLR.D	12
PSTAT+4930	proteomics_stat	3317709	3317753	+	3	159	R.WVASQITGEVTLELR.R	19
PSTAT+4931	proteomics_stat	3317727	3317816	+	3	12	I.TGEVTLELRGNDYSILNTVSENLYKPER.L	34
PSTAT+4932	proteomics_stat	3317754	3317816	+	3	39	R.RGNDYSILNTVSENLYKPER.L	25
PSTAT+4933	proteomics_stat	3317757	3317816	+	3	28	R.GNDYSILNTVSENLYKPER.L	24
PSTAT+4934	proteomics_stat	3317817	3317861	+	3	10	R.LTMEKGDVSVFSPDDR.I	19
PSTAT+4935	proteomics_stat	3317820	3317861	+	3	2	L.TMEKGDVSVFSPDDR.I	18
PSTAT+4936	proteomics_stat	3317883	3317906	+	3	9	R.NLDITDTR.E	12
PSTAT+4937	proteomics_stat	3317907	3317930	+	3	5	R.EKLFQYAK.T	12
PSTAT+4938	proteomics_stat	3317931	3317999	+	3	12	K.TGLLSSSAASGVPQVENLENKGQ.-	27
PSTAT+4939	proteomics_stat	3317931	3317993	+	3	6	K.TGLLSSSAASGVPQVENLENK.G	25
PSTAT+4940	proteomics_stat	3326016	3326051	+	3	2	R.ETGACNVQVIGK.T	16
PSTAT+4941	proteomics_stat	3328191	3328223	+	3	6	R.AGLHQAGVDGK.V	15
PSTAT+4942	proteomics_stat	3330456	3330503	+	3	4	C.EAVGLRYCKDELNRMK.F	20
PSTAT+4943	proteomics_stat	3331408	3331491	+	1	3	F.QANGLTFAYSVLFTTTLENRVHIKLRFR.A	32
PSTAT+4944	proteomics_stat	3332335	3332406	+	1	7	R.YLGTAFLQIDLLDYNADGEQLGK.N	28
PSTAT+4945	proteomics_stat	3332527	3332586	+	1	4	R.HLLEPVLEAMNACGSLEWTR.Q	24
PSTAT+4946	proteomics_stat	3332587	3332655	+	1	6	R.QRAEEEEADKAIQVLPDTPWR.E	27
PSTAT+4947	proteomics_stat	3332656	3332694	+	1	2	R.EALIGLAHIAVQR.D	17
PSTAT+4948	proteomics_stat	3338906	3338995	+	2	2	Y.FAISELTMGLTAIAIGTSLPELATAIAGVR.K	34
PSTAT+4949	proteomics_stat	3339291	3339338	+	3	3	M.SHVELQPGFDFQAGK.E	20
PSTAT+4950	proteomics_stat	3339705	3339731	+	3	4	R.AADVHLCVK.V	13
PSTAT+4951	proteomics_stat	3339741	3339827	+	3	9	K.EACPLGLAPTSSTTATLVMGDALAVALLK.A	33
PSTAT+4952	proteomics_stat	3339834	3339887	+	3	4	R.GFTAEDFALSHPGGALGR.K	22
PSTAT+4953	proteomics_stat	3339903	3339947	+	3	5	R.VNDIMHTGDEIPHVK.K	19
PSTAT+4954	proteomics_stat	3339966	3339989	+	3	2	R.DALLEVTR.K	12
PSTAT+4955	proteomics_stat	3340137	3340187	+	3	16	R.VRPGILAVEALNLMQSR.H	21
PSTAT+4956	proteomics_stat	3341600	3341650	+	2	7	K.INADKVVVTRPGGEQGK.E	21
PSTAT+4957	proteomics_stat	3341615	3341650	+	2	5	K.VVVTRPGGEQGK.E	16
PSTAT+4958	proteomics_stat	3341756	3341821	+	2	2	K.DFVVLGTGNAYLQQVDSNIKGDK.I	26

PSTAT+4959	proteomics_stat	3341849	3341875	+	2	4	K.MQAFSDKGK.R	13
PSTAT+4960	proteomics_stat	3342131	3342190	+	2	2	R.DAGNIIIDDDDISLLPLHAR.A	24
PSTAT+4961	proteomics_stat	3342197	3342238	+	2	6	R.RGIGYLPQEASIFR.R	18
PSTAT+4962	proteomics_stat	3342200	3342238	+	2	2	R.GIGYLPQEASIFR.R	17
PSTAT+4963	proteomics_stat	3342317	3342358	+	2	7	R.ANELMEEFHIEHLR.D	18
PSTAT+4964	proteomics_stat	3342359	3342394	+	2	5	R.DSMGQSLSGGER.R	16
PSTAT+4965	proteomics_stat	3342437	3342496	+	2	3	K.FILLDEPFAGVDPISVIDIK.R	24
PSTAT+4966	proteomics_stat	3342437	3342499	+	2	3	K.FILLDEPFAGVDPISVIDIKR.I	25
PSTAT+4967	proteomics_stat	3342518	3342559	+	2	4	R.DSGLGVLITDHNVR.E	18
PSTAT+4968	proteomics_stat	3342584	3342661	+	2	6	R.AYIVSQGHILAHGTPTEILQDEHVKR.V	30
PSTAT+4969	proteomics_stat	3342584	3342658	+	2	4	R.AYIVSQGHILAHGTPTEILQDEHVK.R	29
PSTAT+4970	proteomics_stat	3342763	3342810	+	1	2	R.LSQQLAMTPQLQQAIR.L	20
PSTAT+4971	proteomics_stat	3342811	3342915	+	1	4	R.LLQLSTLLELQQELQQALESNPLLEQIDTHEEIDTR.E	39
PSTAT+4972	proteomics_stat	3342916	3342966	+	1	4	R.ETQDSETLDTADALEQK.E	21
PSTAT+4973	proteomics_stat	3343390	3343437	+	1	3	R.LIISDHLDLLANHDFR.T	20
PSTAT+4974	proteomics_stat	3343627	3343671	+	1	2	R.LQINQHYASMCNNAR.N	19
PSTAT+4975	proteomics_stat	3344195	3344245	+	2	6	T.MQLNITGNNVEITEALR.E	21
PSTAT+4976	proteomics_stat	3344330	3344434	+	2	12	K.VTHTSDATLHVNGGEIHASAEQDMYAAIDGLIDK.L	39
PSTAT+4977	proteomics_stat	3344600	3344647	+	2	4	I.MTNNDTTLQLSSVLNR.E	20
PSTAT+4978	proteomics_stat	3344723	3344770	+	2	8	K.QLSLPPQVVFEAILTR.E	20
PSTAT+4979	proteomics_stat	3344777	3344824	+	2	5	K.MGSTGIGNGAIIPHGK.L	20
PSTAT+4980	proteomics_stat	3345194	3345262	+	2	4	R.ALEDMGFYCVDNLPVVLPLDLAR.T	27
PSTAT+4981	proteomics_stat	3345311	3345403	+	2	3	R.NMPESPEIFEQAMSNLPDAFSPQLLFLDADR.N	35
PSTAT+4982	proteomics_stat	3345311	3345418	+	2	4	R.NMPESPEIFEQAMSNLPDAFSPQLLFLDADRNTLIR.R	40
PSTAT+4983	proteomics_stat	3345461	3345517	+	2	3	K.NLSLESAIDKESDLLEPLR.S	23
PSTAT+4984	proteomics_stat	3345524	3345583	+	2	6	R.ADLIVDTSEMSVHELAEMLR.T	24
PSTAT+4985	proteomics_stat	3345647	3345688	+	2	5	K.HGIPIDADYVFDVR.F	18
PSTAT+4986	proteomics_stat	3345719	3345769	+	2	5	K.LRPMTGLDKPVA AFLDR.H	21
PSTAT+4987	proteomics_stat	3345770	3345805	+	2	7	R.HTEVHNFIYQTR.S	16
PSTAT+4988	proteomics_stat	3345806	3345850	+	2	2	R.SYLELWLPMLETNNR.S	19
PSTAT+4989	proteomics_stat	3345896	3345934	+	2	2	R.SVYIAEQLADYFR.S	17
PSTAT+4990	proteomics_stat	3346081	3346164	+	1	2	D.AEVLLRNDEGTEAEANSVIALMLDSAK.G	32
PSTAT+4991	proteomics_stat	3352780	3352827	+	1	12	N.CGFGLIAHIEGEP SHK.V	20
PSTAT+4992	proteomics_stat	3352897	3352938	+	1	5	K.TGDGCGLLLQKPDR.F	18
PSTAT+4993	proteomics_stat	3352984	3353043	+	1	10	K.NYAVGMLFLNKDPELAAAAR.R	24
PSTAT+4994	proteomics_stat	3353017	3353043	+	1	3	K.DPELAAAAR.R	13
PSTAT+4995	proteomics_stat	3353044	3353070	+	1	6	R.RIVEEELQR.E	13
PSTAT+4996	proteomics_stat	3353047	3353070	+	1	4	R.IVEEELQR.E	12
PSTAT+4997	proteomics_stat	3353071	3353097	+	1	2	R.ETLSIVGWR.D	13
PSTAT+4998	proteomics_stat	3353098	3353154	+	1	12	R.DVPTNEGVLGEIALSSLPR.I	23
PSTAT+4999	proteomics_stat	3353155	3353199	+	1	2	R.IEQIFVNAPAGWRPR.D	19
PSTAT+5000	proteomics_stat	3353245	3353307	+	1	22	K.RLEADKDFYVCSLSNLVNIYK.G	25
PSTAT+5001	proteomics_stat	3353248	3353307	+	1	20	R.LEADKDFYVCSLSNLVNIYK.G	24
PSTAT+5002	proteomics_stat	3353365	3353397	+	1	4	R.LESAICLFHQRF.F	15
PSTAT+5003	proteomics_stat	3353368	3353397	+	1	2	L.ESAIICLFHQRF.F	14
PSTAT+5004	proteomics_stat	3353398	3353421	+	1	4	R.FSTNTVPR.W	12

PSTAT+5005	proteomics_stat	3353446	3353490	+	1	26	R.YLAHNGEINTITGNR.Q	19
PSTAT+5006	proteomics_stat	3353449	3353490	+	1	6	Y.LAHNGEINTITGNR.Q	18
PSTAT+5007	proteomics_stat	3353452	3353490	+	1	2	L.AHNGEINTITGNR.Q	17
PSTAT+5008	proteomics_stat	3353458	3353490	+	1	3	H.NGEINTITGNR.Q	15
PSTAT+5009	proteomics_stat	3353653	3353706	+	1	17	R.LLVPPAWQNNPDMPELR.A	22
PSTAT+5010	proteomics_stat	3353707	3353781	+	1	16	R.AFFDFNSMHMEPWDGPGIVMSDGR.F	29
PSTAT+5011	proteomics_stat	3353842	3353910	+	1	9	K.DKLITCASEVGIWDYQPDEVVEK.G	27
PSTAT+5012	proteomics_stat	3353848	3353910	+	1	7	K.LITCASEVGIWDYQPDEVVEK.G	25
PSTAT+5013	proteomics_stat	3353917	3353952	+	1	3	R.VGPGELMVIDTR.S	16
PSTAT+5014	proteomics_stat	3353962	3354003	+	1	28	R.ILHSAETDDDLKSR.H	18
PSTAT+5015	proteomics_stat	3353962	3353997	+	1	11	R.ILHSAETDDDLK.S	16
PSTAT+5016	proteomics_stat	3353965	3354003	+	1	4	I.LHSAETDDDLKSR.H	17
PSTAT+5017	proteomics_stat	3353965	3353997	+	1	3	I.LHSAETDDDLK.S	15
PSTAT+5018	proteomics_stat	3354004	3354030	+	1	4	R.HPYKEWMEK.N	13
PSTAT+5019	proteomics_stat	3354040	3354087	+	1	8	R.RLVPFEDLPDEEVGSR.E	20
PSTAT+5020	proteomics_stat	3354043	3354087	+	1	9	R.LVPFEDLPDEEVGSR.E	19
PSTAT+5021	proteomics_stat	3354088	3354123	+	1	14	R.ELDDDTLASYQK.Q	16
PSTAT+5022	proteomics_stat	3354091	3354123	+	1	2	E.LDDDTLASYQK.Q	15
PSTAT+5023	proteomics_stat	3354094	3354123	+	1	2	L.DDDTLASYQK.Q	14
PSTAT+5024	proteomics_stat	3354124	3354165	+	1	5	K.QFNYSAEELDSVIR.V	18
PSTAT+5025	proteomics_stat	3354127	3354165	+	1	3	Q.FNYSAEELDSVIR.V	17
PSTAT+5026	proteomics_stat	3354130	3354246	+	1	2	F.NYSAEELDSVIRVLGENGQEA VGSMGDDTPFAVLSSQPR.I	43
PSTAT+5027	proteomics_stat	3354166	3354246	+	1	14	R.VLGENGQEA VGSMGDDTPFAVLSSQPR.I	31
PSTAT+5028	proteomics_stat	3354268	3354351	+	1	3	R.QQFAQVTNPPIDPLREAHVMSLATSIGR.E	32
PSTAT+5029	proteomics_stat	3354268	3354312	+	1	4	R.QQFAQVTNPPIDPLR.E	19
PSTAT+5030	proteomics_stat	3354313	3354351	+	1	12	R.EAHVMSLATSIGR.E	17
PSTAT+5031	proteomics_stat	3354352	3354393	+	1	7	R.EMNVFCEAEGQHR.L	18
PSTAT+5032	proteomics_stat	3354406	3354435	+	1	3	K.SPILLYSDFK.Q	14
PSTAT+5033	proteomics_stat	3354469	3354504	+	1	3	R.ADTLDITFDVTK.T	16
PSTAT+5034	proteomics_stat	3354529	3354552	+	1	3	K.ELCDKAEK.M	12
PSTAT+5035	proteomics_stat	3354562	3354594	+	1	2	R.SGTVLLVLSDR.N	15
PSTAT+5036	proteomics_stat	3354607	3354657	+	1	10	K.DRLPVPAPMAVGAIQTR.L	21
PSTAT+5037	proteomics_stat	3354613	3354657	+	1	4	R.LPVPAPMAVGAIQTR.L	19
PSTAT+5038	proteomics_stat	3354679	3354717	+	1	3	R.CDANIIVETASAR.D	17
PSTAT+5039	proteomics_stat	3354799	3354825	+	1	9	R.LVDTHAIAK.D	13
PSTAT+5040	proteomics_stat	3354802	3354825	+	1	4	L.VDTHAIAK.D	12
PSTAT+5041	proteomics_stat	3354895	3354924	+	1	3	K.MGISTIASYR.C	14
PSTAT+5042	proteomics_stat	3354934	3354999	+	1	6	K.LFEAVGLHDDVVGLCFQGAVSR.I	26
PSTAT+5043	proteomics_stat	3354997	3355053	+	1	4	S.RIGGASFEDFQQDLLNLSK.R	23
PSTAT+5044	proteomics_stat	3355000	3355053	+	1	33	R.IGGASFEDFQQDLLNLSK.R	22
PSTAT+5045	proteomics_stat	3355003	3355053	+	1	2	I.GGASFEDFQQDLLNLSK.R	21
PSTAT+5046	proteomics_stat	3355102	3355149	+	1	2	K.YVHGGEYHAYNPDVVR.T	20
PSTAT+5047	proteomics_stat	3355111	3355149	+	1	3	H.GGEYHAYNPDVVR.T	17
PSTAT+5048	proteomics_stat	3355150	3355206	+	1	3	R.TLQQAVQSGEYSYQYAK.L	23
PSTAT+5049	proteomics_stat	3355153	3355206	+	1	2	T.LQQAVQSGEYSYQYAK.L	22
PSTAT+5050	proteomics_stat	3355240	3355314	+	1	49	R.DLLAITPGENAVNIADVEPASELFK.R	29

PSTAT+5051	proteomics_stat	3355258	3355314	+	1	2	T.PGENAVNIADVEPASELFK.R	23
PSTAT+5052	proteomics_stat	3355318	3355440	+	1	3	R.FDTAAMSIGALSPEAHEALAEAMNSIGGNSNSGEGGEDPAR.Y	45
PSTAT+5053	proteomics_stat	3355489	3355539	+	1	49	R.FGVTPAYLVNADVIQIK.V	21
PSTAT+5054	proteomics_stat	3355540	3355611	+	1	21	K.VAQGAKPGEGGQLPGDKVTPYIAK.L	28
PSTAT+5055	proteomics_stat	3355540	3355590	+	1	10	K.VAQGAKPGEGGQLPGDK.V	21
PSTAT+5056	proteomics_stat	3355540	3355602	+	1	2	K.VAQGAKPGEGGQLPGDKVTPY.I	25
PSTAT+5057	proteomics_stat	3355618	3355710	+	1	41	R.YSVPGVTLISPPPHHDIYSIEDLAQLIFDLK.Q	35
PSTAT+5058	proteomics_stat	3355741	3355791	+	1	2	V.KLVSEPGVGTIATGVAK.A	21
PSTAT+5059	proteomics_stat	3355744	3355791	+	1	14	K.LVSEPGVGTIATGVAK.A	20
PSTAT+5060	proteomics_stat	3355747	3355791	+	1	2	L.VSEPGVGTIATGVAK.A	19
PSTAT+5061	proteomics_stat	3355792	3355863	+	1	8	K.AYADLITIAGYDGGTGASPLSSVK.Y	28
PSTAT+5062	proteomics_stat	3355864	3355932	+	1	19	K.YAGCPWELGLVETQQALVANGLR.H	27
PSTAT+5063	proteomics_stat	3355945	3355968	+	1	4	R.LQVDGGLK.T	12
PSTAT+5064	proteomics_stat	3355990	3356055	+	1	14	K.AAILGAESFGFGTGPMMVALGCK.Y	26
PSTAT+5065	proteomics_stat	3356065	3356115	+	1	6	R.ICHLNNCATGVATQDDK.L	21
PSTAT+5066	proteomics_stat	3356152	3356181	+	1	2	K.VTNYFEFIAR.E	14
PSTAT+5067	proteomics_stat	3356242	3356280	+	1	5	R.TDLLKELDGFTAK.Q	17
PSTAT+5068	proteomics_stat	3356305	3356337	+	1	16	K.LLETAEPHPGK.A	15
PSTAT+5069	proteomics_stat	3356308	3356337	+	1	4	L.LETAEPHPGK.A	14
PSTAT+5070	proteomics_stat	3356338	3356430	+	1	5	K.ALYCTENPPFDNGLLNAQLLQQAQPFVDER.Q	35
PSTAT+5071	proteomics_stat	3356473	3356547	+	1	10	R.SVGASLSGYIAQTHGDQGLAADPIK.A	29
PSTAT+5072	proteomics_stat	3356500	3356547	+	1	2	Y.IAQTHGDQGLAADPIK.A	20
PSTAT+5073	proteomics_stat	3356548	3356646	+	1	60	K.AYFNGTAGQSFVWNAGGVELYLTGDANDYVGK.G	37
PSTAT+5074	proteomics_stat	3356647	3356700	+	1	10	K.GMAGGLIAIRPPVGSFR.S	22
PSTAT+5075	proteomics_stat	3356701	3356757	+	1	110	R.SHEASIIIGNTCLYGATGGR.L	23
PSTAT+5076	proteomics_stat	3356704	3356757	+	1	2	S.HEASIIIGNTCLYGATGGR.L	22
PSTAT+5077	proteomics_stat	3356887	3356958	+	1	162	K.TGVNFGAGMTGGFAYVLDESDFR.K	28
PSTAT+5078	proteomics_stat	3356965	3357030	+	1	29	R.VNPELVEVLSVDALATHEEHLR.G	26
PSTAT+5079	proteomics_stat	3357031	3357072	+	1	6	R.GLITEHVQHTGSQR.G	18
PSTAT+5080	proteomics_stat	3357073	3357114	+	1	5	R.GEEILANWSTFATK.F	18
PSTAT+5081	proteomics_stat	3357223	3357258	+	1	10	M.SQNVYQFIDLQR.V	16
PSTAT+5082	proteomics_stat	3357292	3357342	+	1	45	R.KIEFVEIYEPFSEGQAK.A	21
PSTAT+5083	proteomics_stat	3357358	3357393	+	1	2	R.CLSCGNPYCEWK.C	16
PSTAT+5084	proteomics_stat	3357394	3357429	+	1	4	K.CPVHNYIPNWLK.L	16
PSTAT+5085	proteomics_stat	3357448	3357507	+	1	14	R.IFEAAELSHQTNTLPEVCGR.V	24
PSTAT+5086	proteomics_stat	3357607	3357648	+	1	2	K.AFEMGWRPDMGVK.Q	18
PSTAT+5087	proteomics_stat	3357661	3357720	+	1	6	K.KVAIIGAGPAGLACADVLTR.N	24
PSTAT+5088	proteomics_stat	3357664	3357720	+	1	10	R.VAIIGAGPAGLACADVLTR.N	23
PSTAT+5089	proteomics_stat	3357664	3357720	+	1	10	R.VAIIGAGPAGLACADVLTR.N	23
PSTAT+5090	proteomics_stat	3357733	3357798	+	1	22	K.AVVFDHRHEIGLLTFGIPAFK.L	26
PSTAT+5091	proteomics_stat	3357733	3357807	+	1	21	K.AVVFDHRHEIGLLTFGIPAFKLEK.E	29
PSTAT+5092	proteomics_stat	3357751	3357807	+	1	7	R.HPEIGLLTFGIPAFKLEK.E	23
PSTAT+5093	proteomics_stat	3357751	3357798	+	1	24	R.HPEIGLLTFGIPAFK.L	20
PSTAT+5094	proteomics_stat	3357829	3357861	+	1	2	R.EIFTGMGIEFK.L	15
PSTAT+5095	proteomics_stat	3357883	3357957	+	1	25	R.DVQLDDLLSDYDAVFLGVGTYSQSMR.G	29
PSTAT+5096	proteomics_stat	3357958	3358026	+	1	8	R.GGLENEDADGVYAALPFLIANTK.Q	27

PSTAT+5097	proteomics_stat	3358054	3358083	+	1	6	R.DEPFVSMEGK.R	14
PSTAT+5098	proteomics_stat	3358084	3358131	+	1	2	K.RVVVLGGGDTAMDCVR.T	20
PSTAT+5099	proteomics_stat	3358087	3358131	+	1	7	N.VVVLGGGDTAMDCVR.T	19
PSTAT+5100	proteomics_stat	3358087	3358131	+	1	7	N.VVVLGGGDTAMDCVR.T	19
PSTAT+5101	proteomics_stat	3358177	3358206	+	1	13	R.RDEENMPGSR.R	14
PSTAT+5102	proteomics_stat	3358180	3358206	+	1	5	R.DEENMPGSR.R	13
PSTAT+5103	proteomics_stat	3358219	3358248	+	1	4	K.NAREEGVEFK.F	14
PSTAT+5104	proteomics_stat	3358249	3358293	+	1	5	K.FNVQPLGIEVNGNGK.V	19
PSTAT+5105	proteomics_stat	3358318	3358344	+	1	3	R.TEMGEPDAK.G	13
PSTAT+5106	proteomics_stat	3358354	3358431	+	1	9	R.RAEIVAGSEHIVPADAVIMAFGFRPH.N	30
PSTAT+5107	proteomics_stat	3358357	3358452	+	1	11	R.AEIVAGSEHIVPADAVIMAFGFRPHMEWLAK.H	36
PSTAT+5108	proteomics_stat	3358357	3358431	+	1	5	R.AEIVAGSEHIVPADAVIMAFGFRPH.N	29
PSTAT+5109	proteomics_stat	3358453	3358482	+	1	15	K.HSVELDSQGR.I	14
PSTAT+5110	proteomics_stat	3358483	3358533	+	1	10	R.IIAPEGSDNAFQTSNPK.I	21
PSTAT+5111	proteomics_stat	3358561	3358599	+	1	3	R.GSDLVVTAIAEGR.K	17
PSTAT+5112	proteomics_stat	3358600	3358635	+	1	2	R.KAADGIMNWLEV.-	16
PSTAT+5113	proteomics_stat	3373074	3373091	+	3	2	I.YNEILR.M	10
PSTAT+5114	proteomics_stat	3378387	3378425	+	3	6	R.SAELLDTMAHDYR.Q	17
PSTAT+5115	proteomics_stat	3378450	3378500	+	3	5	K.SSSLLPELSAEANPFR.N	21
PSTAT+5116	proteomics_stat	3378507	3378557	+	3	9	R.LAESEASNDQAPVQMPR.D	21
PSTAT+5117	proteomics_stat	3378558	3378590	+	3	3	R.DYSEGASGLLR.T	15
PSTAT+5118	proteomics_stat	3378966	3378986	+	3	2	K.IPEEFKK.F	11
PSTAT+5119	proteomics_stat	3378987	3379067	+	3	6	K.FFGDDLDPDQPAQPFEGLSGVIINASK.G	31
PSTAT+5120	proteomics_stat	3379068	3379112	+	3	6	K.GYVLTNNHVINQAQK.I	19
PSTAT+5121	proteomics_stat	3379155	3379214	+	3	2	K.LIGSDDQSDIALLQIQNPSK.L	24
PSTAT+5122	proteomics_stat	3379215	3379253	+	3	5	K.LTQIAIADSDKLR.V	17
PSTAT+5123	proteomics_stat	3379254	3379337	+	3	6	R.VGDFAVAVGNPFGLGQTATSGIVSALGR.S	32
PSTAT+5124	proteomics_stat	3379338	3379397	+	3	5	R.SGLNLEGFENFIQTDASINR.G	24
PSTAT+5125	proteomics_stat	3379521	3379562	+	3	4	R.TLAQQQLIDFGEIKR.G	18
PSTAT+5126	proteomics_stat	3379611	3379634	+	3	2	K.AFNLDVQR.G	12
PSTAT+5127	proteomics_stat	3379692	3379751	+	3	4	K.AGDIITSLNGKPLNSFAELR.S	24
PSTAT+5128	proteomics_stat	3379962	3380021	+	3	2	K.GSPAAQAGLQKDDVIIGVNR.D	24
PSTAT+5129	proteomics_stat	3380663	3380755	+	2	2	R.VPHIGDVVLAIGNPYNLGQTITQGIISATGR.I	35
PSTAT+5130	proteomics_stat	3382911	3382973	+	3	4	K.MEMVYCLPAELGVPTTSSPLK.N	25
PSTAT+5131	proteomics_stat	3383076	3383150	+	3	3	K.AEGILGTIAGDDTIFTTPANGFTVK.D	29
PSTAT+5132	proteomics_stat	3383626	3383661	+	1	3	A.ADSIDAAQAQNR.E	16
PSTAT+5133	proteomics_stat	3387755	3387826	+	2	3	R.MLHEVQDVHEQLYAFNNTPIGTLR.I	28
PSTAT+5134	proteomics_stat	3401506	3401541	+	1	2	L.MQALLLEQQDGK.T	16
PSTAT+5135	proteomics_stat	3401632	3401655	+	1	2	K.DALAITGK.G	12
PSTAT+5136	proteomics_stat	3401671	3401715	+	1	2	R.NFPMIPGIDFAGTVR.T	19
PSTAT+5137	proteomics_stat	3401734	3401814	+	1	16	R.FHAGQEVLLTGWGVGENHWGGLAEQAR.V	31
PSTAT+5138	proteomics_stat	3401815	3401862	+	1	3	R.VKGDWLVAMPQGLDAR.K	20
PSTAT+5139	proteomics_stat	3402046	3402069	+	1	2	R.ESTHEYLK.S	12
PSTAT+5140	proteomics_stat	3402088	3402132	+	1	3	R.VLPRDEFAESRPLEK.Q	19
PSTAT+5141	proteomics_stat	3402100	3402132	+	1	2	R.DEFAESRPLEK.Q	15
PSTAT+5142	proteomics_stat	3402289	3402327	+	1	2	R.LQGVD SVMTPPER.R	17

PSTAT+5143	proteomics_stat	3402349	3402393	+	1	4	R.LVADLPESFYTQAAK.E	19
PSTAT+5144	proteomics_stat	3402394	3402459	+	1	4	K.EISLSEAPNF AEAIINNQIQGR.T	26
PSTAT+5145	proteomics_stat	3403710	3403736	+	3	4	R.SPMVGT FYR.T	13
PSTAT+5146	proteomics_stat	3403827	3403865	+	3	2	M.MNQIEADKSGTVK.A	17
PSTAT+5147	proteomics_stat	3404020	3404058	+	1	2	K.TVAVHSSADRLK.H	17
PSTAT+5148	proteomics_stat	3404020	3404049	+	1	11	K.TVAVHSSADR.D	14
PSTAT+5149	proteomics_stat	3404059	3404112	+	1	15	K.HVLLADETV CIGPAPSVK.S	22
PSTAT+5150	proteomics_stat	3404230	3404256	+	1	2	R.SGFIFIGPK.A	13
PSTAT+5151	proteomics_stat	3404311	3404376	+	1	4	K.KAGVPCVPGSDGPLGDDMDKNR.A	26
PSTAT+5152	proteomics_stat	3404449	3404496	+	1	2	R.VVRGDAELAQSISMTR.A	20
PSTAT+5153	proteomics_stat	3404509	3404544	+	1	2	K.AAFSNDMVYMEK.Y	16
PSTAT+5154	proteomics_stat	3404563	3404622	+	1	4	R.HVEIQVLADGGQGNAIYLAER.D	24
PSTAT+5155	proteomics_stat	3404653	3404697	+	1	5	K.VVEEAPAPGITPELR.R	19
PSTAT+5156	proteomics_stat	3404815	3404868	+	1	10	R.IQVEHPVTEMITGVDLIK.E	22
PSTAT+5157	proteomics_stat	3404815	3404880	+	1	3	R.IQVEHPVTEMITGVDLIQQLR.I	26
PSTAT+5158	proteomics_stat	3404881	3404910	+	1	2	R.IAAGQPLSIK.Q	14
PSTAT+5159	proteomics_stat	3404881	3404931	+	1	5	R.IAAGQPLSIKQEEVHVR.G	21
PSTAT+5160	proteomics_stat	3404953	3404997	+	1	6	R.INAEDPNTFLPSPGK.I	19
PSTAT+5161	proteomics_stat	3405142	3405183	+	1	7	R.MKNALQELIIDGIK.T	18
PSTAT+5162	proteomics_stat	3405148	3405183	+	1	4	K.NALQELIIDGIK.T	16
PSTAT+5163	proteomics_stat	3405208	3405264	+	1	12	R.IMNDENFQHG GTNIHYLEK.K	23
PSTAT+5164	proteomics_stat	3405214	3405264	+	1	2	M.NDENFQHG GTNIHYLEK.K	21
PSTAT+5165	proteomics_stat	3407641	3407685	+	1	3	K.AIGIDIDPQAIQASR.D	19
PSTAT+5166	proteomics_stat	3407662	3407685	+	1	2	D.PQAIQASR.D	12
PSTAT+5167	proteomics_stat	3409308	3409388	+	3	3	R.VNSDVLTVSTVNSQDQVTQKPLRDSVK.Q	31
PSTAT+5168	proteomics_stat	3409308	3409376	+	3	5	R.VNSDVLTVSTVNSQDQVTQKPLR.D	27
PSTAT+5169	proteomics_stat	3413733	3413771	+	3	2	K.GQQLNASIIAQTR.L	17
PSTAT+5170	proteomics_stat	3413733	3413771	+	3	2	K.GQQLNASIIAQTR.L	17
PSTAT+5171	proteomics_stat	3416535	3416630	+	3	2	K.GTTQDNWETAGAIAGGAAAVAGLTMGIIALSK.-	36
PSTAT+5172	proteomics_stat	3427396	3427428	+	1	5	R.GDVHYVQIGAR.T	15
PSTAT+5173	proteomics_stat	3427534	3427566	+	1	2	K.VMLHGCTIGNR.V	15
PSTAT+5174	proteomics_stat	3427660	3427701	+	1	4	K.RLESGYLYLGSPVK.Q	18
PSTAT+5175	proteomics_stat	3427702	3427731	+	1	2	K.QIRPLSDEEK.A	14
PSTAT+5176	proteomics_stat	3431715	3431750	+	3	3	M.SVLQVLHIPDER.L	16
PSTAT+5177	proteomics_stat	3431760	3431801	+	3	4	K.VAKPVEEVNAEIQR.I	18
PSTAT+5178	proteomics_stat	3431802	3431882	+	3	3	R.IVDDMFETMYAEEGIGLAATQVDIHQR.I	31
PSTAT+5179	proteomics_stat	3432290	3432364	+	2	2	R.HLDALLSSGHNVVGVFTQPDRPAGR.G	29
PSTAT+5180	proteomics_stat	3432548	3432586	+	2	3	R.LGCINVHGSLLPR.W	17
PSTAT+5181	proteomics_stat	3432698	3432748	+	2	5	K.LSCPITAEDTSGTLYDK.L	21
PSTAT+5182	proteomics_stat	3432749	3432790	+	2	3	K.LAELGPQGLITTLK.Q	18
PSTAT+5183	proteomics_stat	3432791	3432856	+	2	2	K.QLADGTAKPEVQDETLVTYAEK.L	26
PSTAT+5184	proteomics_stat	3432923	3432976	+	2	7	R.AFNPWPM SWLEIEGQPVK.V	22
PSTAT+5185	proteomics_stat	3432986	3433045	+	2	4	K.ASVIDTATNAAPGTILEANK.Q	24
PSTAT+5186	proteomics_stat	3433046	3433111	+	2	2	K.QGIQVATGDGILNLLSLQPA GK.K	26
PSTAT+5187	proteomics_stat	3433253	3433333	+	2	2	R.SMAAQAVEQVVEQGQSLSNILPPLQK.V	31
PSTAT+5188	proteomics_stat	3434009	3434074	+	2	2	K.TTHILEVAPEAQVVAVDIDEQR.L	26



PSTAT+5189	proteomics_stat	3434405	3434455	+	2	4	R.TADAELCETGTPEQPGK.Q	21
PSTAT+5190	proteomics_stat	3435017	3435064	+	2	2	K.AYYGGPLIGNALSTMR.E	20
PSTAT+5191	proteomics_stat	3435665	3435718	+	2	3	R.GVAEAEIAVAHGDESTSR.V	22
PSTAT+5192	proteomics_stat	3435821	3435865	+	2	2	R.IEQGDHVMFLTDKK.F	19
PSTAT+5193	proteomics_stat	3436424	3436453	+	2	3	R.DLLKEQNNRS.-	14
PSTAT+5194	proteomics_stat	3475821	3475877	+	3	3	K.ASQSPNIASQAETPPPHY.-	23
PSTAT+5195	proteomics_stat	3480034	3480075	+	1	2	R.LAQQQAMYESSQER.V	18
PSTAT+5196	proteomics_stat	3480076	3480105	+	1	2	R.VAHLQSYIDR.F	14
PSTAT+5197	proteomics_stat	3480379	3480429	+	1	2	K.LLAGELAPVSGEIGLAK.G	21
PSTAT+5198	proteomics_stat	3480439	3480477	+	1	2	K.LGYFAQHQLEYLR.A	17
PSTAT+5199	proteomics_stat	3482704	3482784	+	1	4	R.HISYFGPEANDFGLLEQTFIEYGQSGK.G	31
PSTAT+5200	proteomics_stat	3483172	3483216	+	1	2	K.GIPSLDESFFVIHFR.N	19
PSTAT+5201	proteomics_stat	3484223	3484249	+	2	22	K.STLIHQGEK.A	13
PSTAT+5202	proteomics_stat	3484223	3484276	+	2	4	K.STLIHQGEKAETLYYIVK.G	22
PSTAT+5203	proteomics_stat	3484250	3484276	+	2	2	K.AETLYYIVK.G	13
PSTAT+5204	proteomics_stat	3484406	3484444	+	2	4	R.AKTACEVAEISYK.K	17
PSTAT+5205	proteomics_stat	3484412	3484447	+	2	4	K.TACEVAEISYK.F	16
PSTAT+5206	proteomics_stat	3484412	3484444	+	2	2	K.TACEVAEISYK.K	15
PSTAT+5207	proteomics_stat	3484454	3484489	+	2	2	R.QLIQVNPDILMR.L	16
PSTAT+5208	proteomics_stat	3484535	3484570	+	2	4	K.VGNLAFLDVTGR.I	16
PSTAT+5209	proteomics_stat	3484571	3484600	+	2	3	R.IAQTLNLAK.Q	14
PSTAT+5210	proteomics_stat	3484601	3484642	+	2	4	K.QPDAMTHPDGMQIK.I	18
PSTAT+5211	proteomics_stat	3484652	3484684	+	2	2	R.QEIGQIVGCSR.E	15
PSTAT+5212	proteomics_stat	3484709	3484747	+	2	7	K.MLEDQNLISAHGK.T	17
PSTAT+5213	proteomics_stat	3484715	3484747	+	2	3	L.EDQNLISAHGK.T	15
PSTAT+5214	proteomics_stat	3496270	3496317	+	1	4	R.EKLESLLPLHLGQVAK.Y	20
PSTAT+5215	proteomics_stat	3496663	3496713	+	1	3	R.AGYHCVPQEEINQILLR.E	21
PSTAT+5216	proteomics_stat	3497101	3497178	+	1	2	R.VIDGTLTLQLGELAQQMNSPSLIIGR.V	30
PSTAT+5217	proteomics_stat	3502710	3502763	+	3	2	K.IAFDQNDKPVHVSELCR.A	22
PSTAT+5218	proteomics_stat	3521202	3521273	+	3	3	R.AASVALFSGHASQGASTITQQLAR.N	28
PSTAT+5219	proteomics_stat	3521775	3521804	+	3	4	K.VQQAQAVR.N	14
PSTAT+5220	proteomics_stat	3522771	3522818	+	3	2	K.SNVLENNDVEDVAISR.E	20
PSTAT+5221	proteomics_stat	3522885	3522944	+	3	2	K.TGAQEYAPHVINTPLAFLIK.S	24
PSTAT+5222	proteomics_stat	3523137	3523205	+	3	4	R.NLGHTTASGAIKDQISGYEGGAK.S	27
PSTAT+5223	proteomics_stat	3523347	3523442	+	3	2	R.EEYFIEGTQPTQQAVHEVGTIIDNGEAQELF.-	36
PSTAT+5224	proteomics_stat	3524971	3525015	+	1	2	R.SYALQVPSTQASIR.G	19
PSTAT+5225	proteomics_stat	3526015	3526065	+	1	2	K.NALVNLGNSKDWALVK.R	21
PSTAT+5226	proteomics_stat	3526327	3526380	+	1	4	K.LAQMLMHTPFNAEGIVTK.I	22
PSTAT+5227	proteomics_stat	3527595	3527654	+	3	7	R.RPASEAALLYEETAESVEKR.E	24
PSTAT+5228	proteomics_stat	3527595	3527651	+	3	4	R.RPASEAALLYEETAESVEK.R	23
PSTAT+5229	proteomics_stat	3527850	3527921	+	3	2	R.GELVTVSETLQQILENHDYPQPVK.N	28
PSTAT+5230	proteomics_stat	3528075	3528110	+	3	4	R.VQGEIPENADLK.T	16
PSTAT+5231	proteomics_stat	3528168	3528233	+	3	5	R.YQGVVGLGDTLAACLEDYFMR.S	26
PSTAT+5232	proteomics_stat	3528634	3528714	+	1	3	K.SATTRLRQIRKFINEYVRQRGLCRILR.L	31
PSTAT+5233	proteomics_stat	3528639	3528671	+	3	6	R.NNASPADPQVH.-	15
PSTAT+5234	proteomics_stat	3530978	3531034	+	2	30	R.GVLTNLGAVALDTGIFTGR.S	23

PSTAT+5235	proteomics_stat	3531044	3531061	+	2	2	K.DKYIVR.D	10
PSTAT+5236	proteomics_stat	3531107	3531157	+	2	7	K.GKNDNKPLSPETWQHLK.G	21
PSTAT+5237	proteomics_stat	3531113	3531157	+	2	5	K.NDNKPLSPETWQHLK.G	19
PSTAT+5238	proteomics_stat	3531191	3531235	+	2	5	R.LFVVDAFCGANPDTR.L	19
PSTAT+5239	proteomics_stat	3531287	3531361	+	2	10	K.NMFIRPSDEELAGFKPDFIVMNGAK.C	29
PSTAT+5240	proteomics_stat	3531362	3531382	+	2	2	K.CTNPQWK.E	11
PSTAT+5241	proteomics_stat	3531383	3531433	+	2	12	K.EQGLNSENFVAFNLTER.M	21
PSTAT+5242	proteomics_stat	3531434	3531475	+	2	4	R.MQLIGGTWYGGEMK.K	18
PSTAT+5243	proteomics_stat	3531434	3531478	+	2	2	R.MQLIGGTWYGGEMKK.G	19
PSTAT+5244	proteomics_stat	3531479	3531517	+	2	2	K.GMFSMMNYLLPLK.G	17
PSTAT+5245	proteomics_stat	3531518	3531559	+	2	6	K.GIASMHCSANVGEK.G	18
PSTAT+5246	proteomics_stat	3531722	3531754	+	2	2	K.EAEPEIYN AIR.R	15
PSTAT+5247	proteomics_stat	3531758	3531787	+	2	3	R.DALLENVTVR.E	14
PSTAT+5248	proteomics_stat	3531788	3531823	+	2	5	R.EDGTIDFDDGSK.T	16
PSTAT+5249	proteomics_stat	3531839	3531889	+	2	21	R.VSYPIYHIDNIVKPVSK.A	21
PSTAT+5250	proteomics_stat	3531908	3531958	+	2	7	K.VIFLTADAFGVLPPVSR.L	21
PSTAT+5251	proteomics_stat	3531959	3532009	+	2	5	R.LTADQTYHFSLSGFTAK.L	21
PSTAT+5252	proteomics_stat	3532121	3532183	+	2	4	K.RMQAAGAQA YLVNTGWNGTGK.R	25
PSTAT+5253	proteomics_stat	3532124	3532183	+	2	3	R.MQAAGAQA YLVNTGWNGTGK.R	24
PSTAT+5254	proteomics_stat	3532124	3532186	+	2	5	R.MQAAGAQA YLVNTGWNGTGKR.I	25
PSTAT+5255	proteomics_stat	3532208	3532315	+	2	5	R.AIIDAILNGSLDNAETFTLPMFNLAIPTELPGVDTK.I	40
PSTAT+5256	proteomics_stat	3532331	3532366	+	2	6	R.NTYASPEQWQEK.A	16
PSTAT+5257	proteomics_stat	3532331	3532384	+	2	2	R.NTYASPEQWQEK AETLAK.L	22
PSTAT+5258	proteomics_stat	3532385	3532456	+	2	6	K.LFIDNFDKYTDTPAGAALVAAGPK.L	28
PSTAT+5259	proteomics_stat	3532385	3532459	+	2	9	K.LFIDNFDKYTDTPAGAALVAAGPKL.-	29
PSTAT+5260	proteomics_stat	3532409	3532456	+	2	2	K.YTDTPAGAALVAAGPK.L	20
PSTAT+5261	proteomics_stat	3534047	3534163	+	2	2	R.FISLSRESGSRGWLTSAFSTANSPLVSGIGSSSRNISR.V	43
PSTAT+5262	proteomics_stat	3535431	3535484	+	3	2	R.IIAGEIQARPEQVDAAVR.L	22
PSTAT+5263	proteomics_stat	3535533	3535568	+	3	3	K.EITGGLDDTQLR.N	16
PSTAT+5264	proteomics_stat	3535698	3535736	+	3	4	K.TELEDLYLPYKPK.R	17
PSTAT+5265	proteomics_stat	3535749	3535856	+	3	2	R.GQIAIEAGLEPLADLLWSDPSHTPEVAAAQYVYADK.G	40
PSTAT+5266	proteomics_stat	3535914	3535943	+	3	2	R.FAEDAALLAK.V	14
PSTAT+5267	proteomics_stat	3535965	3536018	+	3	4	K.NAHLVSTVVSGKEEGAK.F	22
PSTAT+5268	proteomics_stat	3535965	3536000	+	3	4	K.NAHLVSTVVSGK.E	16
PSTAT+5269	proteomics_stat	3536025	3536072	+	3	7	R.DYFDHHEPLSTVPSHR.A	20
PSTAT+5270	proteomics_stat	3536346	3536387	+	3	8	R.NLHDLLMAAPAGLR.A	18
PSTAT+5271	proteomics_stat	3536457	3536504	+	3	3	K.LVATDTIYPHTGQAAK.A	20
PSTAT+5272	proteomics_stat	3536538	3536582	+	3	7	K.HNVELVAIGNGTASR.E	19
PSTAT+5273	proteomics_stat	3536769	3536849	+	3	2	L.AELVKIDPKSIGVGQYQH DVSQTQLAR.K	31
PSTAT+5274	proteomics_stat	3536796	3536849	+	3	8	K.SIGVGQYQH DVSQTQLAR.K	22
PSTAT+5275	proteomics_stat	3536979	3537005	+	3	5	R.DENGQFQNR.Q	13
PSTAT+5276	proteomics_stat	3537072	3537140	+	3	5	R.INHGDNPLDASTVHPEAYPVVER.I	27
PSTAT+5277	proteomics_stat	3537171	3537200	+	3	2	K.DLMGNSSELR.N	14
PSTAT+5278	proteomics_stat	3537210	3537233	+	3	2	K.ASDFTDEK.F	12
PSTAT+5279	proteomics_stat	3537465	3537494	+	3	4	K.FVEDPHTVVK.A	14
PSTAT+5280	proteomics_stat	3537567	3537599	+	3	4	R.LDEQPGETNAR.R	15

PSTAT+5281	proteomics_stat	3537660	3537719	+	3	2	R.EAQPAGNSAMMDALAAAMGK.K	24
PSTAT+5282	proteomics_stat	3543655	3543687	+	1	12	R.ISDAAQAHFAK.L	15
PSTAT+5283	proteomics_stat	3543688	3543723	+	1	6	K.LLANQEETQIR.V	16
PSTAT+5284	proteomics_stat	3543943	3543975	+	1	2	R.KVADDAPLMER.V	15
PSTAT+5285	proteomics_stat	3543946	3543975	+	1	2	K.VADDAPLMER.V	14
PSTAT+5286	proteomics_stat	3543976	3544032	+	1	13	R.VEYMLQSQINPQLAGHGGR.V	23
PSTAT+5287	proteomics_stat	3560048	3560110	+	2	3	K.DLIVIGGGINGAGIAADAAGR.G	25
PSTAT+5288	proteomics_stat	3560408	3560443	+	2	5	R.FGANSVLKPEIK.R	16
PSTAT+5289	proteomics_stat	3561293	3561391	+	2	2	R.TYGSNSELLLNAGTVSDLGEDFGHEFYEAELK.Y	37
PSTAT+5290	proteomics_stat	3585020	3585079	+	2	3	Q.PINTLNNPNQPGYQIPSQQR.M	24
PSTAT+5291	proteomics_stat	3585080	3585118	+	2	7	R.MQTQMOTQIQQK.G	17
PSTAT+5292	proteomics_stat	3585143	3585202	+	2	17	K.TQTQLQQHLENQINNNSQR.V	24
PSTAT+5293	proteomics_stat	3585155	3585202	+	2	4	Q.LQQQHLENQINNNSQR.V	20
PSTAT+5294	proteomics_stat	3585203	3585241	+	2	7	R.VLQSQPGERNPAR.Q	17
PSTAT+5295	proteomics_stat	3585206	3585241	+	2	2	V.LQSQPGERNPAR.Q	16
PSTAT+5296	proteomics_stat	3585242	3585289	+	2	2	R.QQMLPNTNGGMLNSNR.N	20
PSTAT+5297	proteomics_stat	3585242	3585334	+	2	2	R.QQMLPNTNGGMLNSNRNPSSLNQQHMLPER.R	35
PSTAT+5298	proteomics_stat	3585290	3585334	+	2	6	R.NPSSLNQQHMLPER.R	19
PSTAT+5299	proteomics_stat	3585335	3585391	+	2	4	R.RNGDMLNQPSTPQPDIPK.T	23
PSTAT+5300	proteomics_stat	3585338	3585391	+	2	7	R.NGDMLNQPSTPQPDIPK.T	22
PSTAT+5301	proteomics_stat	3605362	3605406	+	1	2	R.ATGDKVPAGATSVDR.L	19
PSTAT+5302	proteomics_stat	3605815	3605922	+	1	3	R.VTAIHPATGISESELLTAAAVEQGATHPLAQAIVR.E	40
PSTAT+5303	proteomics_stat	3606310	3606384	+	1	2	K.AVTELNQHAPLAMVGDGINDAPAMK.A	29
PSTAT+5304	proteomics_stat	3608125	3608169	+	1	4	K.LSFSLPADMTDQSGK.L	19
PSTAT+5305	proteomics_stat	3608170	3608223	+	1	3	K.LGTQANMHVWSDATGQK.A	22
PSTAT+5306	proteomics_stat	3608224	3608280	+	1	12	K.AVIVIMGDDPKEDLAVLAK.R	23
PSTAT+5307	proteomics_stat	3608302	3608337	+	1	11	R.SRDPQLQVVTNK.A	16
PSTAT+5308	proteomics_stat	3616620	3616676	+	3	4	R.VTITLDDDLLETLDLSLSQR.R	23
PSTAT+5309	proteomics_stat	3616722	3616802	+	3	3	R.SALAQEATQQHGTQGFVLSYVYEHEK.R	31
PSTAT+5310	proteomics_stat	3616917	3616967	+	3	2	K.GDMGDVQHFADDVIAQR.G	21
PSTAT+5311	proteomics_stat	3627389	3627451	+	2	4	E.INDNKLDFPTSPGISPTIQR.A	25
PSTAT+5312	proteomics_stat	3636451	3636510	+	1	4	R.TRDAINNVEAYFEQHPALLK.Q	24
PSTAT+5313	proteomics_stat	3636457	3636510	+	1	6	R.DAINNVEAYFEQHPALLK.Q	22
PSTAT+5314	proteomics_stat	3637744	3637824	+	1	2	H.TSSPATCPRSSTPGLPLPIRCQSVNTR.S	31
PSTAT+5315	proteomics_stat	3638146	3638184	+	1	83	K.HILIAVDLSPESK.V	17
PSTAT+5316	proteomics_stat	3638200	3638232	+	1	15	K.AVSMARPYNAK.V	15
PSTAT+5317	proteomics_stat	3638233	3638313	+	1	3	K.VSLIHVDVNYSDLYTGLIDVNLGDMQK.R	31
PSTAT+5318	proteomics_stat	3638314	3638433	+	1	17	K.RISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIK.K	44
PSTAT+5319	proteomics_stat	3638314	3638436	+	1	3	K.RISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIKK.Y	45
PSTAT+5320	proteomics_stat	3638317	3638436	+	1	30	R.ISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIKK.Y	44
PSTAT+5321	proteomics_stat	3638317	3638433	+	1	31	R.ISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIK.K	43
PSTAT+5322	proteomics_stat	3638371	3638433	+	1	6	Y.PITETLSGSGDLGQVLVDAIK.K	25
PSTAT+5323	proteomics_stat	3638434	3638487	+	1	3	K.KYDMDLVVCGHHQDFWSK.L	22
PSTAT+5324	proteomics_stat	3638437	3638487	+	1	13	K.YDMDLVVCGHHQDFWSK.L	21
PSTAT+5325	proteomics_stat	3638506	3638565	+	1	69	R.QLINTVHVDMLIVPLRDEEE.-	24
PSTAT+5326	proteomics_stat	3643462	3643497	+	1	3	K.HTVQSLIIESLK.E	16

PSTAT+5327	proteomics_stat	3643549	3643578	+	1	3	R.YQLGSEHAER.T	14
PSTAT+5328	proteomics_stat	3643609	3643665	+	1	3	R.IWQQDDLPAELEAYINVVK.H	23
PSTAT+5329	proteomics_stat	3644331	3644387	+	3	8	K.HYDYIAIGGGSGGIASINR.A	23
PSTAT+5330	proteomics_stat	3644502	3644555	+	3	4	R.EAIHMYGPDYGFDTTINK.F	22
PSTAT+5331	proteomics_stat	3644556	3644585	+	3	2	K.FNWETLIASR.T	14
PSTAT+5332	proteomics_stat	3644604	3644636	+	3	5	R.IHTSYENVLGK.N	15
PSTAT+5333	proteomics_stat	3644637	3644657	+	3	2	K.NNVDVIK.G	11
PSTAT+5334	proteomics_stat	3644829	3644897	+	3	67	R.VAVVGAGYIAVELAGVINGLGAK.T	27
PSTAT+5335	proteomics_stat	3644934	3645017	+	3	27	R.SFDPMISETLVEVMNAEGPQLHTNAIPK.A	32
PSTAT+5336	proteomics_stat	3645111	3645155	+	3	2	R.EPANDNINLEAAGVK.T	19
PSTAT+5337	proteomics_stat	3645189	3645278	+	3	4	K.YQNTNIEGIYAVGDNTGAVELTPVAVAAGR.R	34
PSTAT+5338	proteomics_stat	3645294	3645401	+	3	7	R.LFNKPKDEHLDYSNIPTVVFSHPPIGTVGLTEPQAR.E	40
PSTAT+5339	proteomics_stat	3645402	3645428	+	3	3	R.EQYGDDQVK.V	13
PSTAT+5340	proteomics_stat	3645438	3645479	+	3	2	K.SSFTAMYTAVTTHR.Q	18
PSTAT+5341	proteomics_stat	3645584	3645610	+	2	2	G.GAEDGGNQK.R	13
PSTAT+5342	proteomics_stat	3645609	3645671	+	3	4	K.KDFDNTVAIHPTAAEEFVTMR.-	25
PSTAT+5343	proteomics_stat	3645612	3645671	+	3	2	K.DFDNTVAIHPTAAEEFVTMR.-	24
PSTAT+5344	proteomics_stat	3648263	3648307	+	2	2	M.SNITIYHNPACGTSR.N	19
PSTAT+5345	proteomics_stat	3648263	3648307	+	2	2	M.SNITIYHNPACGTSR.N	19
PSTAT+5346	proteomics_stat	3648440	3648499	+	2	2	R.KNVEPYEELGLAEDKFTDDR.L	24
PSTAT+5347	proteomics_stat	3648623	3648673	+	2	2	K.GAFSKEDGEKVVDEAGK.R	21
PSTAT+5348	proteomics_stat	3648638	3648676	+	2	2	K.EDGEKVVDEAGKR.L	17
PSTAT+5349	proteomics_stat	3652092	3652145	+	3	22	K.SFVAVHNQPGLYVGQQAR.F	22
PSTAT+5350	proteomics_stat	3652095	3652145	+	3	2	S.FVAVHNQPGLYVGQQAR.F	21
PSTAT+5351	proteomics_stat	3652158	3652181	+	3	3	K.VINVIK.T	12
PSTAT+5352	proteomics_stat	3652182	3652262	+	3	26	K.TDTLLEISVLPDLSYAKPDIEANYQGR.L	31
PSTAT+5353	proteomics_stat	3652275	3652307	+	3	2	R.QSGFLDPVNYR.N	15
PSTAT+5354	proteomics_stat	3652308	3652367	+	3	11	R.NHFVTILGTIQGEQPGFINK.V	24
PSTAT+5355	proteomics_stat	3656359	3656409	+	1	4	I.FETITAKEQVMIFLMTK.D	21
PSTAT+5356	proteomics_stat	3657684	3657725	+	3	2	R.TQLNEAEANVTVAK.A	18
PSTAT+5357	proteomics_stat	3657867	3657917	+	3	5	R.LDPIYVDLTQSVQDFLR.M	21
PSTAT+5358	proteomics_stat	3657918	3657950	+	3	6	R.MKEEVASGQIK.Q	15
PSTAT+5359	proteomics_stat	3657951	3658001	+	3	5	K.QVQGSTPVQLNLENGKR.Y	21
PSTAT+5360	proteomics_stat	3658074	3658148	+	3	3	R.AIFPNPNGDLLPGMYVTALVDEGSR.Q	29
PSTAT+5361	proteomics_stat	3658149	3658202	+	3	2	R.QNVLLVPQEGVTHNAQGK.A	22
PSTAT+5362	proteomics_stat	3658203	3658247	+	3	3	K.ATALILDKDDVVQLR.E	19
PSTAT+5363	proteomics_stat	3658365	3658409	+	3	3	R.AISSSQENASTESKQ.-	19
PSTAT+5364	proteomics_stat	3658365	3658406	+	3	2	R.AISSSQENASTESK.Q	18
PSTAT+5365	proteomics_stat	3659277	3659312	+	3	2	R.YNGKPAAGIAIK.L	16
PSTAT+5366	proteomics_stat	3659997	3660026	+	3	4	K.STQHYTDSTR.S	14
PSTAT+5367	proteomics_stat	3665853	3665897	+	3	2	V.QTVQESYDIIHILLR.Q	19
PSTAT+5368	proteomics_stat	3667992	3668048	+	3	4	G.PAKFPERAYRPAVAGANPR.T	23
PSTAT+5369	proteomics_stat	3677691	3677735	+	3	3	R.LPGLYIETDSTGER.T	19
PSTAT+5370	proteomics_stat	3678129	3678191	+	3	2	R.GADSCLVSIAGEGLVDVPAVK.L	25
PSTAT+5371	proteomics_stat	3678207	3678263	+	3	2	K.VIDTTAAGDSFSAGYLAVR.L	23
PSTAT+5372	proteomics_stat	3678261	3678296	+	3	2	V.RLTGGSAAEDAAK.R	16

PSTAT+5373	proteomics_stat	3678264	3678296	+	3	2	R.LTGGSAAEDAAK.R	15
PSTAT+5374	proteomics_stat	3697671	3697745	+	3	2	K.APHQGAPIVIEQPSSFLAISDLVVR.V	29
PSTAT+5375	proteomics_stat	3707924	3707974	+	2	2	K.STPVALSTFFCWISSKR.I	21
PSTAT+5376	proteomics_stat	3714672	3714737	+	3	4	K.SAIGAGLGLVVGAGIGALSSSK.K	26
PSTAT+5377	proteomics_stat	3715074	3715124	+	3	2	R.ADSVASALITQGVDAASR.I	21
PSTAT+5378	proteomics_stat	3715131	3715187	+	3	3	R.TQGLGPANPIASNSTAEGK.A	23
PSTAT+5379	proteomics_stat	3715537	3715596	+	1	3	R.ATSTISVGYDNFVDALTAR.K	24
PSTAT+5380	proteomics_stat	3715711	3715770	+	1	3	K.AGEWTASIGPDWYGTDVHHK.T	24
PSTAT+5381	proteomics_stat	3715774	3715797	+	1	3	T.LGIVGMGR.I	12
PSTAT+5382	proteomics_stat	3715798	3715821	+	1	2	R.IGMALAQR.A	12
PSTAT+5383	proteomics_stat	3715822	3715863	+	1	22	R.AHFGFNMPILYNAR.R	18
PSTAT+5384	proteomics_stat	3716014	3716043	+	1	4	K.SSAIFINAGR.G	14
PSTAT+5385	proteomics_stat	3716044	3716088	+	1	3	R.GPVVDENALIAALQK.G	19
PSTAT+5386	proteomics_stat	3716089	3716214	+	1	9	K.GEIIHAAGLDVFEQEPLSVDSPLLSMANVVAVPHIGSATHETR.Y	46
PSTAT+5387	proteomics_stat	3716089	3716187	+	1	2	K.GEIIHAAGLDVFEQEPLSVDSPLLSMANVVAVPH.I	37
PSTAT+5388	proteomics_stat	3716188	3716268	+	1	2	H.IGSATHETRYGMAACAVDNLIDALQ GK.V	31
PSTAT+5389	proteomics_stat	3716215	3716268	+	1	15	R.YGMAACAVDNLIDALQ GK.V	22
PSTAT+5390	proteomics_stat	3716278	3716304	+	1	2	K.NCVNPHVAD.-	13
PSTAT+5391	proteomics_stat	3726315	3726404	+	3	3	Q.FIGAMLMSQTKENPLRLGIIVWRTLAKIR.Q	34
PSTAT+5392	proteomics_stat	3729700	3729750	+	1	2	K.VVGDQWVDGWLPENALK.I	21
PSTAT+5393	proteomics_stat	3729787	3729867	+	1	2	K.IDAVVASNDATAGGAIQALSAQGLSGK.V	31
PSTAT+5394	proteomics_stat	3729868	3729912	+	1	2	K.VAISGQDADLAGIKR.I	19
PSTAT+5395	proteomics_stat	3729913	3730017	+	1	11	R.IAAGTQTMVYKPIITLLANTAAEIAVELGNGQEPK.A	39
PSTAT+5396	proteomics_stat	3730018	3730062	+	1	3	K.ADTTLNNGLKDVPSR.L	19
PSTAT+5397	proteomics_stat	3737764	3737811	+	1	9	R.HSGITLLMEDLNDGLR.T	20
PSTAT+5398	proteomics_stat	3738628	3738666	+	1	5	R.LSETVIKPFYYQR.V	17
PSTAT+5399	proteomics_stat	3738892	3738936	+	1	2	R.MNYVPEPEKIEAGVK.I	19
PSTAT+5400	proteomics_stat	3770244	3770327	+	3	10	T.LTKNLGLPACATANIRRGVFMSSDIKIK.V	32
PSTAT+5401	proteomics_stat	3771381	3771437	+	3	3	S.KGASPLSAGDVTNDLSHVR.K	23
PSTAT+5402	proteomics_stat	3771384	3771437	+	3	5	K.GASPLSAGDVTNDLSHVR.K	22
PSTAT+5403	proteomics_stat	3771441	3771500	+	3	2	K.IIVACDAGMGSSAMGAGVLR.K	24
PSTAT+5404	proteomics_stat	3771507	3771596	+	3	4	K.IQDAGLSQISVTNSAINNLPDVLVITHR.D	34
PSTAT+5405	proteomics_stat	3771621	3771695	+	3	27	R.QVPQAQHISLTNFDLSGLYTSALTER.L	29
PSTAT+5406	proteomics_stat	3771735	3771788	+	3	7	K.VKDSLKDSFDDSSANLFK.L	22
PSTAT+5407	proteomics_stat	3771741	3771788	+	3	3	K.DSLKDSFDDSSANLFK.L	20
PSTAT+5408	proteomics_stat	3771753	3771788	+	3	5	K.DSFDDSSANLFK.L	16
PSTAT+5409	proteomics_stat	3771789	3771818	+	3	2	K.LGAENIFLGR.K	14
PSTAT+5410	proteomics_stat	3771873	3771917	+	3	2	K.GGYVEPEYVQAMLDLDR.E	19
PSTAT+5411	proteomics_stat	3771918	3771983	+	3	2	R.EKLTPTYLGESIAVPHGTVEAK.D	26
PSTAT+5412	proteomics_stat	3771924	3771983	+	3	7	K.LTPTYLGESIAVPHGTVEAK.D	24
PSTAT+5413	proteomics_stat	3771999	3772037	+	3	5	K.TGVVFCQYPEGVR.F	17
PSTAT+5414	proteomics_stat	3772038	3772067	+	3	5	R.FGEEEDDIAR.L	14
PSTAT+5415	proteomics_stat	3772092	3772160	+	3	17	R.NNEHIQVITSLTNALDDESVIER.L	27
PSTAT+5416	proteomics_stat	3772161	3772214	+	3	16	R.LAHTTSVDEVLELLAGRK.-	22
PSTAT+5417	proteomics_stat	3772161	3772211	+	3	13	R.LAHTTSVDEVLELLAGR.K	21
PSTAT+5418	proteomics_stat	3772501	3772575	+	1	42	K.LLADAGIQLTFADVNVVLDALNAR.H	29

PSTAT+5419	proteomics_stat	3772768	3772821	+	1	4	K.EQGNESPLNIIACENMVR.G	22
PSTAT+5420	proteomics_stat	3772840	3772875	+	1	12	K.GHVMNALPEDAK.A	16
PSTAT+5421	proteomics_stat	3772876	3772923	+	1	9	K.AWVEEHVGFVDSAVDR.I	20
PSTAT+5422	proteomics_stat	3772879	3772923	+	1	2	A.WVEEHVGFVDSAVDR.I	19
PSTAT+5423	proteomics_stat	3772924	3773004	+	1	67	R.IVPPSASATNDPLEVTVETFSEWIVDK.T	31
PSTAT+5424	proteomics_stat	3772924	3772956	+	1	2	R.IVPPSASATND.P	15
PSTAT+5425	proteomics_stat	3773017	3773079	+	1	19	K.GALPNIPGMELTDNLMAFVER.K	25
PSTAT+5426	proteomics_stat	3773080	3773130	+	1	6	R.KLFTLNTGHAITAYLGK.L	21
PSTAT+5427	proteomics_stat	3773083	3773130	+	1	9	K.LFTLNTGHAITAYLGK.L	20
PSTAT+5428	proteomics_stat	3773086	3773130	+	1	2	L.FTLNTGHAITAYLGK.L	19
PSTAT+5429	proteomics_stat	3773194	3773232	+	1	3	K.GAMEESGAVLIKR.Y	17
PSTAT+5430	proteomics_stat	3773233	3773274	+	1	6	R.YGFDADKHAAYIQK.I	18
PSTAT+5431	proteomics_stat	3773287	3773322	+	1	4	R.FENPYLKDDVER.V	16
PSTAT+5432	proteomics_stat	3773365	3773412	+	1	20	R.LIKPLLGTTYGLPHK.N	20
PSTAT+5433	proteomics_stat	3773413	3773451	+	1	10	K.NLIEGIAAAMHFR.S	17
PSTAT+5434	proteomics_stat	3773452	3773583	+	1	5	R.SEDDPQAQELAALIADKGPQAALAQISGLDANSEVVSEAVTAYK.A	48
PSTAT+5435	proteomics_stat	3774688	3774720	+	1	3	H.MKEVEKNEIKR.L	15
PSTAT+5436	proteomics_stat	3774748	3774813	+	1	9	R.HQQADLSLVEAADKYAELEKEK.A	26
PSTAT+5437	proteomics_stat	3774748	3774807	+	1	7	R.HQQADLSLVEAADKYAELEK.E	24
PSTAT+5438	proteomics_stat	3774964	3775002	+	1	3	R.GLVVHPMTALGR.E	17
PSTAT+5439	proteomics_stat	3778009	3778053	+	1	4	K.NMSDLSLETTLFNEK.L	19
PSTAT+5440	proteomics_stat	3778054	3778107	+	1	2	K.LSMPVALAPVGLCGMYAR.R	22
PSTAT+5441	proteomics_stat	3778132	3778212	+	1	4	K.AADAHGIPFTLSTVSVCPIEEVAPAIAK.R	31
PSTAT+5442	proteomics_stat	3778285	3778341	+	1	2	K.AAGCSTLVFTVDMPTPGAR.Y	23
PSTAT+5443	proteomics_stat	3778348	3778389	+	1	6	R.DAHSGMSGPNAAMR.R	18
PSTAT+5444	proteomics_stat	3778642	3778683	+	1	10	R.FGADGIVVSNHGGR.Q	18
PSTAT+5445	proteomics_stat	3778645	3778683	+	1	2	F.GADGIVVSNHGGR.Q	17
PSTAT+5446	proteomics_stat	3778684	3778713	+	1	2	R.QLDGVLSAR.A	14
PSTAT+5447	proteomics_stat	3778840	3778908	+	1	7	R.AFLYALATAGQAGVANLLNLIEK.E	27
PSTAT+5448	proteomics_stat	3778945	3778992	+	1	4	K.SISEITQDSLQGLGK.E	20
PSTAT+5449	proteomics_stat	3779376	3779414	+	3	3	R.AGLDYHEFTAVTR.H	17
PSTAT+5450	proteomics_stat	3783298	3783339	+	1	2	K.KPMVLVILDGYGYR.E	18
PSTAT+5451	proteomics_stat	3783298	3783375	+	1	8	K.KPMVLVILDGYGYREEQQDNAIFSAK.T	30
PSTAT+5452	proteomics_stat	3783376	3783459	+	1	20	K.TPVMDALWANRPHTLIDASGLEVGLPDR.Q	32
PSTAT+5453	proteomics_stat	3783460	3783507	+	1	8	R.QMGNSEVGHVNLGAGR.I	20
PSTAT+5454	proteomics_stat	3783532	3783555	+	1	4	R.LDVEIKDR.A	12
PSTAT+5455	proteomics_stat	3783556	3783597	+	1	4	R.AFFANPVLTGAVDK.A	18
PSTAT+5456	proteomics_stat	3783718	3783747	+	1	3	K.IYLHAFLDGR.D	14
PSTAT+5457	proteomics_stat	3783889	3783969	+	1	44	K.AYDLLTLAQGEFQADTAVAGLQAAYAR.D	31
PSTAT+5458	proteomics_stat	3783970	3783993	+	1	7	R.DENDEFVK.A	12
PSTAT+5459	proteomics_stat	3784009	3784071	+	1	6	R.AEQQPDAAMEDGDALIFMNFRA	25
PSTAT+5460	proteomics_stat	3784141	3784191	+	1	71	K.VVNVDFVMLTEYAADIK.T	21
PSTAT+5461	proteomics_stat	3784192	3784251	+	1	17	K.TAVAYPPASLVNTFGEWMAK.N	24
PSTAT+5462	proteomics_stat	3784375	3784428	+	1	7	K.VATYDLQPEMSSAELTEK.L	22
PSTAT+5463	proteomics_stat	3784447	3784530	+	1	11	K.SGKYDTIICNYPNGDMVGHTGVMEAAVK.A	32
PSTAT+5464	proteomics_stat	3784531	3784572	+	1	7	K.AVEALDHCVEEVAK.A	18

PSTAT+5465	proteomics_stat	3784738	3784824	+	1	5	K.LSDIAPTMLSLMGMEIPQEMTGKPLFIVE.-	33
PSTAT+5466	proteomics_stat	3785104	3785142	+	1	5	K.LRETQNTLNQLNK.Q	17
PSTAT+5467	proteomics_stat	3785491	3785550	+	1	2	K.TLAGLESSIQGQQQLSELR.A	24
PSTAT+5468	proteomics_stat	3786397	3786438	+	1	2	K.NTLRPEMSSDEIER.I	18
PSTAT+5469	proteomics_stat	3786823	3786873	+	1	2	K.ASSLLNEPQVDTSTPPK.N	21
PSTAT+5470	proteomics_stat	3792010	3792060	+	1	14	V.MIIVTGGAGFIGSNIVK.A	21
PSTAT+5471	proteomics_stat	3792061	3792111	+	1	2	K.ALNDKGITDILVVDNLK.D	21
PSTAT+5472	proteomics_stat	3792061	3792123	+	1	2	K.ALNDKGITDILVVDNLKDGTK.F	25
PSTAT+5473	proteomics_stat	3792076	3792123	+	1	6	K.GITDILVVDNLKDGTK.F	20
PSTAT+5474	proteomics_stat	3792271	3792303	+	1	2	K.YMMDNNYQYSK.E	15
PSTAT+5475	proteomics_stat	3792304	3792330	+	1	10	K.ELLHYCLER.E	13
PSTAT+5476	proteomics_stat	3792331	3792378	+	1	5	R.EIPFLYASSAATYGGR.T	20
PSTAT+5477	proteomics_stat	3792403	3792441	+	1	8	R.EYEKPLNVYGYSK.F	17
PSTAT+5478	proteomics_stat	3792466	3792507	+	1	4	R.QILPEANSQIVGFR.Y	18
PSTAT+5479	proteomics_stat	3792508	3792531	+	1	3	R.YFNVYGPR.E	12
PSTAT+5480	proteomics_stat	3792544	3792606	+	1	10	K.GSMASVAFHLNTQLNNGESPK.L	25
PSTAT+5481	proteomics_stat	3792607	3792636	+	1	3	K.LFEGSENFKR.D	14
PSTAT+5482	proteomics_stat	3792727	3792774	+	1	8	R.AESFQAVADATLAYHK.K	20
PSTAT+5483	proteomics_stat	3792727	3792777	+	1	16	R.AESFQAVADATLAYHKK.G	21
PSTAT+5484	proteomics_stat	3792778	3792816	+	1	6	K.GQIEYIPFPDKLK.G	17
PSTAT+5485	proteomics_stat	3792817	3792861	+	1	4	K.GRYQAFQADLTNLR.A	19
PSTAT+5486	proteomics_stat	3792823	3792861	+	1	4	R.YQAFQADLTNLR.A	17
PSTAT+5487	proteomics_stat	3792862	3792888	+	1	8	R.AAGYDKPFK.T	13
PSTAT+5488	proteomics_stat	3792889	3792933	+	1	11	K.TVAEGVTEYMAWLNLR.D	19
PSTAT+5489	proteomics_stat	3792892	3792933	+	1	3	T.VAEGVTEYMAWLNLR.D	18
PSTAT+5490	proteomics_stat	3793093	3793158	+	1	4	R.MPEVNEAIPMPLGHGALEIGER.R	26
PSTAT+5491	proteomics_stat	3793741	3793854	+	1	2	K.AIVTNDNSGLMHVAAALNRPLVALYGPSSPDTFPPLSHK.A	42
PSTAT+5492	proteomics_stat	3793897	3793953	+	1	3	R.KGDAAEGYHQSLIDITPQR.V	23
PSTAT+5493	proteomics_stat	3795907	3795945	+	1	2	R.AESMNLVAEHNLR.L	17
PSTAT+5494	proteomics_stat	3807556	3807630	+	1	2	R.GGHNPLEAAAHAIPVLMGPHTFNFK.D	29
PSTAT+5495	proteomics_stat	3807646	3807699	+	1	2	R.LEQASGLITVTDATTLAK.E	22
PSTAT+5496	proteomics_stat	3807751	3807795	+	1	4	R.HAVEVLYQNQGALQR.L	19
PSTAT+5497	proteomics_stat	3807920	3807973	+	2	2	R.ATQMFDHVILAIASPCK.K	22
PSTAT+5498	proteomics_stat	3808169	3808213	+	2	5	R.HLMPELESVFLMPCK.E	19
PSTAT+5499	proteomics_stat	3808259	3808318	+	2	6	R.HQGDVTHFLPENVHQALMAK.L	24
PSTAT+5500	proteomics_stat	3811144	3811185	+	1	3	R.AAATQHNLEVLASR.G	18
PSTAT+5501	proteomics_stat	3811249	3811314	+	1	5	R.MLDPLTIVDMAVAHFSPVNDLK.H	26
PSTAT+5502	proteomics_stat	3811315	3811371	+	1	2	K.HLNIMITAGPTRELPDVR.Y	23
PSTAT+5503	proteomics_stat	3811432	3811494	+	1	9	R.RGANVTLVSGPVSLPTPPFVK.R	25
PSTAT+5504	proteomics_stat	3811435	3811494	+	1	2	R.GANVTLVSGPVSLPTPPFVK.R	24
PSTAT+5505	proteomics_stat	3811663	3811707	+	1	2	K.MVKNPDIVAGVAALK.D	19
PSTAT+5506	proteomics_stat	3811906	3811962	+	1	2	R.KELLGQLLLDEIVTRYDEK.N	23
PSTAT+5507	proteomics_stat	3811906	3811950	+	1	7	R.KELLGQLLLDEIVTRY.Y	19
PSTAT+5508	proteomics_stat	3811909	3811950	+	1	3	K.ELLGQLLLDEIVTRY.Y	18
PSTAT+5509	proteomics_stat	3811991	3812053	+	2	3	R.VGKEFPLPTYATSGSAGLCLR.A	25
PSTAT+5510	proteomics_stat	3812000	3812053	+	2	6	K.EFPLPTYATSGSAGLCLR.A	22

PSTAT+5511	proteomics_stat	3812054	3812164	+	2	5	R.ACLNDAVELAPGDTTLVPTGLAIHIADPSLAAMMLPR.S	41
PSTAT+5512	proteomics_stat	3812264	3812299	+	2	2	R.GQDSFTTIQPGER.I	16
PSTAT+5513	proteomics_stat	3812553	3812609	+	3	4	R.EEILQSLALMLESSDGSQR.I	23
PSTAT+5514	proteomics_stat	3814900	3814947	+	1	2	R.YEPDVSAQGELILNEK.L	20
PSTAT+5515	proteomics_stat	3814987	3815031	+	1	3	K.MQSDEGEINPVDILR.W	19
PSTAT+5516	proteomics_stat	3815212	3815244	+	1	9	R.SHMPEILQWQR.E	15
PSTAT+5517	proteomics_stat	3815263	3815298	+	1	3	K.LEDAQVQLENNR.L	16
PSTAT+5518	proteomics_stat	3815263	3815331	+	1	2	K.LEDAQVQLENNRLEQELVLLAQR.I	27
PSTAT+5519	proteomics_stat	3815332	3815376	+	1	7	R.IDVAEELDRLEAHVK.E	19
PSTAT+5520	proteomics_stat	3815419	3815451	+	1	4	R.RLDFMMQEFNR.E	15
PSTAT+5521	proteomics_stat	3815476	3815517	+	1	2	K.SINAEVTNSAIELK.V	18
PSTAT+5522	proteomics_stat	3817083	3817157	+	3	2	P.EYVIVATAAVALTTIVAPVMPYLRK.V	29
PSTAT+5523	proteomics_stat	3819454	3819501	+	1	2	M.AQGTLIVSAPSGAGK.S	20
PSTAT+5524	proteomics_stat	3819529	3819576	+	1	5	K.TQPLYDTQVSVSHTRR.Q	20
PSTAT+5525	proteomics_stat	3819859	3819894	+	1	2	R.GRGQDSEEVIAK.R	16
PSTAT+5526	proteomics_stat	3819865	3819897	+	1	2	R.GQDSEEVIAKR.M	15
PSTAT+5527	proteomics_stat	3819865	3819894	+	1	2	R.GQDSEEVIAK.R	14
PSTAT+5528	proteomics_stat	3819898	3819990	+	1	4	R.MAQAVAEMSHYAEYDYLIVNDDFDALTDLK.T	35
PSTAT+5529	proteomics_stat	3820039	3820059	+	1	3	R.HDALISK.L	11
PSTAT+5530	proteomics_stat	3820165	3820203	+	1	4	K.IGNRFDLVLVAAR.R	17
PSTAT+5531	proteomics_stat	3820213	3820284	+	1	10	R.QMQVGGKDPVPEENDKTTVIALR.E	28
PSTAT+5532	proteomics_stat	3820213	3820263	+	1	2	R.QMQVGGKDPVPEENDK.T	21
PSTAT+5533	proteomics_stat	3820285	3820329	+	1	5	R.EIEEGLINNQILDVR.E	19
PSTAT+5534	proteomics_stat	3820330	3820401	+	1	2	R.ERQEQEQEAAELQAVTAAIEGRR.-	28
PSTAT+5535	proteomics_stat	3820330	3820398	+	1	9	R.ERQEQEQEAAELQAVTAAIEGR.R	27
PSTAT+5536	proteomics_stat	3820336	3820398	+	1	4	R.QEQEQEAAELQAVTAAIEGR.R	25
PSTAT+5537	proteomics_stat	3820759	3820785	+	1	2	K.EAQAENFRK.M	13
PSTAT+5538	proteomics_stat	3821320	3821391	+	1	7	K.ANGYQSLHTSMIGPHGVPVEVQIR.T	28
PSTAT+5539	proteomics_stat	3821449	3821484	+	1	2	K.EHGETSTTAQIR.A	16
PSTAT+5540	proteomics_stat	3821563	3821610	+	1	2	K.SDLFPDEIYVFTPEGR.I	20
PSTAT+5541	proteomics_stat	3821857	3821883	+	1	2	K.RDDSVSLGR.R	13
PSTAT+5542	proteomics_stat	3821917	3821952	+	1	4	R.KLNEIPQENIQR.E	16
PSTAT+5543	proteomics_stat	3822193	3822222	+	1	2	K.GLVIIHESCR.N	14
PSTAT+5544	proteomics_stat	3822313	3822417	+	1	2	K.VEMFNHQGALANLTAINTTTSNIQSLNTEEKDGR.V	39
PSTAT+5545	proteomics_stat	3822652	3822705	+	1	2	R.TADAVGVHEVHAVWPGSR.M	22
PSTAT+5546	proteomics_stat	3823245	3823304	+	3	3	R.LLDAVPLSSLTGVAALSNK.L	24
PSTAT+5547	proteomics_stat	3823635	3823709	+	3	2	R.VQGDLSTPELQETLTPVYPTTEGVK.Q	29
PSTAT+5548	proteomics_stat	3827553	3827609	+	3	2	A.PKNLLLAVVLLALILLNR.Q	23
PSTAT+5549	proteomics_stat	3828207	3828278	+	3	2	A.LSLAVGLGVSQQPLILQFAPEWLK.N	28
PSTAT+5550	proteomics_stat	3828645	3828692	+	3	5	R.FSAPSHIVLENVTFGR.D	20
PSTAT+5551	proteomics_stat	3828693	3828722	+	3	4	R.DGQPATLVAK.S	14
PSTAT+5552	proteomics_stat	3828768	3828848	+	3	2	R.HVDTILLENGTLNLTDQTAPLPFKADR.L	31
PSTAT+5553	proteomics_stat	3828768	3828839	+	3	2	R.HVDTILLENGTLNLTDQTAPLPFK.A	28
PSTAT+5554	proteomics_stat	3829266	3829313	+	3	4	R.LQGPDWAVTDLDLSLR.N	20
PSTAT+5555	proteomics_stat	3829521	3829574	+	3	2	K.TLILDDAAIAGLEYTLPK.N	22
PSTAT+5556	proteomics_stat	3829815	3829886	+	3	10	R.RPSLALTANSSTVNISELFAFTEK.G	28



PSTAT+5557	proteomics_stat	3878561	3878611	+	2	2	F.CLFLPAALERESQRKLR.E	21
PSTAT+5558	proteomics_stat	3882368	3882394	+	2	2	R.TFQPSVLKR.N	13
PSTAT+5559	proteomics_stat	3882549	3882596	+	3	3	R.LLTPSQFTFVQQPQR.A	20
PSTAT+5560	proteomics_stat	3882786	3882812	+	3	2	K.KGVADLDNR.A	13
PSTAT+5561	proteomics_stat	3883366	3883449	+	1	7	K.ELNSTQPFQLLETSPQFIYQAQSGLTGR.D	32
PSTAT+5562	proteomics_stat	3883450	3883503	+	1	5	R.DGPDNPANGPRPLYNVEK.D	22
PSTAT+5563	proteomics_stat	3883450	3883482	+	1	3	R.DGPDNPANGPR.P	15
PSTAT+5564	proteomics_stat	3883504	3883587	+	1	76	K.DAYVLAEGQNELQVPMTYTDAAGNTFTK.T	32
PSTAT+5565	proteomics_stat	3883519	3883587	+	1	2	L.AEQNELQVPMTYTDAAGNTFTK.T	27
PSTAT+5566	proteomics_stat	3883546	3883587	+	1	3	V.PMTYTDAAGNTFTK.T	18
PSTAT+5567	proteomics_stat	3883603	3883689	+	1	15	K.RGDYAVNVNYNVQNAGEKPLEISSFGQLK.Q	33
PSTAT+5568	proteomics_stat	3883606	3883689	+	1	2	R.GDYAVNVNYNVQNAGEKPLEISSFGQLK.Q	32
PSTAT+5569	proteomics_stat	3883690	3883755	+	1	9	K.QSITLPPHLDTGSSNFALHTFR.G	26
PSTAT+5570	proteomics_stat	3883756	3883794	+	1	6	R.GAAYSTPDEKEYE.Y	17
PSTAT+5571	proteomics_stat	3883795	3883845	+	1	9	K.YKFDTIADNENLNISSEK.G	21
PSTAT+5572	proteomics_stat	3883966	3884046	+	1	8	K.SQPVLVQPGQGTAMNSTLWVGPEIQDK.M	31
PSTAT+5573	proteomics_stat	3884308	3884337	+	1	2	R.ISQEMMALYK.A	14
PSTAT+5574	proteomics_stat	3885163	3885192	+	1	2	R.IARPGEFSE.A	14
PSTAT+5575	proteomics_stat	3885193	3885276	+	1	6	R.AFLNDKLDLAQAEAIADLIDASSEQAAR.S	32
PSTAT+5576	proteomics_stat	3885316	3885351	+	1	5	R.VNHLVEALTHLR.I	16
PSTAT+5577	proteomics_stat	3885820	3885852	+	1	2	R.LPAKLPTIVVR.N	15
PSTAT+5578	proteomics_stat	3886123	3886185	+	1	2	R.LAQQNLSEITGFTSDDLGR.I	25
PSTAT+5579	proteomics_stat	3887851	3887913	+	1	2	K.LLPHIPADQFPAQALACELYK.V	25
PSTAT+5580	proteomics_stat	3892723	3892749	+	1	2	K.GSFNGMVAR.T	13
PSTAT+5581	proteomics_stat	3892762	3892887	+	1	3	K.IAPASMEVNALPSIADIPLYDADVQQEEGFPATVEALAEQIR.Q	46
PSTAT+5582	proteomics_stat	3892813	3892887	+	1	2	I.PLYDADVQQEEGFPATVEALAEQIR.Q	29
PSTAT+5583	proteomics_stat	3892975	3893049	+	1	9	R.LPDQPLAGKPVLIQTSSMGVIGGAR.C	29
PSTAT+5584	proteomics_stat	3893140	3893229	+	1	22	K.VDPQTGEVIDQGTLDHLTGQLTAFGEFIQR.V	34
PSTAT+5585	proteomics_stat	3906695	3906790	+	2	2	R.KLKDHRHQVGDRLHHVRAPELVGERGKQRRG.F	36
PSTAT+5586	proteomics_stat	3931425	3931478	+	3	3	R.LGHTDTLVVCDAGLPIPK.S	22
PSTAT+5587	proteomics_stat	3931680	3931703	+	3	3	R.YTTHEQFK.Q	12
PSTAT+5588	proteomics_stat	3932023	3932112	+	1	2	K.SSQEAGIGIIHQELNLIPQLTIAENIFLGR.E	34
PSTAT+5589	proteomics_stat	3932521	3932571	+	1	2	R.KLEDQYPHLDKAPGDIR.L	21
PSTAT+5590	proteomics_stat	3932521	3932553	+	1	3	R.KLEDQYPHLDK.A	15
PSTAT+5591	proteomics_stat	3932713	3932757	+	1	2	R.TSGYVTLDGHEVVTR.S	19
PSTAT+5592	proteomics_stat	3932956	3933009	+	1	4	K.TPSMEQAIGLLSGGNQQK.V	22
PSTAT+5593	proteomics_stat	3934376	3934435	+	2	15	A.KDTIALVVSTLNNPFFVSLK.D	24
PSTAT+5594	proteomics_stat	3934376	3934450	+	2	3	A.KDTIALVVSTLNNPFFVSLKDGAQK.E	29
PSTAT+5595	proteomics_stat	3934451	3934510	+	2	6	K.EADKLGYNLVVLD SQNNPAK.E	24
PSTAT+5596	proteomics_stat	3934463	3934510	+	2	2	K.LGYNLVVLD SQNNPAK.E	20
PSTAT+5597	proteomics_stat	3934511	3934543	+	2	2	K.ELANVQDLTVR.G	15
PSTAT+5598	proteomics_stat	3934553	3934603	+	2	7	K.ILLINPTDSDAVGNAVK.M	21
PSTAT+5599	proteomics_stat	3934604	3934645	+	2	3	K.MANQANIPVITLDR.Q	18
PSTAT+5600	proteomics_stat	3934646	3934705	+	2	12	R.QATKGEVVSHIASDNVLGGK.I	24
PSTAT+5601	proteomics_stat	3934658	3934705	+	2	11	K.GEVVSHIASDNVLGGK.I	20
PSTAT+5602	proteomics_stat	3934706	3934732	+	2	2	K.IAGDYIAKK.A	13

PSTAT+5603	proteomics_stat	3934706	3934729	+	2	2	K.IAGDYIAK.K	12
PSTAT+5604	proteomics_stat	3934709	3934732	+	2	2	I.AGDYIAKK.A	12
PSTAT+5605	proteomics_stat	3934751	3934792	+	2	3	K.VIELQGIAGTSAAR.E	18
PSTAT+5606	proteomics_stat	3934793	3934834	+	2	2	R.EREGGFQQAFAAHK.F	18
PSTAT+5607	proteomics_stat	3934799	3934834	+	2	8	R.GEGFQQAFAAHK.F	16
PSTAT+5608	proteomics_stat	3934835	3934873	+	2	2	K.FNVLASQPADFDR.I	17
PSTAT+5609	proteomics_stat	3934994	3935041	+	2	7	K.SDVMVVGFDGTPDGEK.A	20
PSTAT+5610	proteomics_stat	3935060	3935104	+	2	3	K.LAATIAQLPDQIGAK.G	19
PSTAT+5611	proteomics_stat	3935539	3935589	+	1	3	R.QQLATDNIDITPVSVIK.G	21
PSTAT+5612	proteomics_stat	3935710	3935778	+	1	10	R.IANASALLMQLESPLESVMAAAK.I	27
PSTAT+5613	proteomics_stat	3935830	3935910	+	1	5	R.ELPDELLALVDIITPNETEAEKLTGIR.V	31
PSTAT+5614	proteomics_stat	3935911	3936006	+	1	3	R.VENDEDAKAAQVLHEKGIRTVLITLGSRGVW.A	36
PSTAT+5615	proteomics_stat	3935938	3935961	+	1	11	K.AAQVLHEK.G	12
PSTAT+5616	proteomics_stat	3935998	3936033	+	1	2	R.GVWASVNGEGQR.V	16
PSTAT+5617	proteomics_stat	3946178	3946198	+	2	7	R.HGDFTIK.E	11
PSTAT+5618	proteomics_stat	3946220	3946255	+	2	15	R.HGYAFNELDLGK.R	16
PSTAT+5619	proteomics_stat	3946220	3946258	+	2	4	R.HGYAFNELDLGKR.E	17
PSTAT+5620	proteomics_stat	3946256	3946282	+	2	2	K.REPVTEEEK.L	13
PSTAT+5621	proteomics_stat	3946256	3946303	+	2	4	K.REPVTEEEKLFVAVCR.G	20
PSTAT+5622	proteomics_stat	3946304	3946336	+	2	10	R.GEREPVTEAER.V	15
PSTAT+5623	proteomics_stat	3946376	3946444	+	2	4	K.RFHTLSGGKQPVEGAEDYTDSD.-	27
PSTAT+5624	proteomics_stat	3946379	3946444	+	2	5	R.FHTLSGGKQPVEGAEDYTDSD.-	26
PSTAT+5625	proteomics_stat	3950519	3950557	+	2	9	K.KADYIWFNGEMVR.W	17
PSTAT+5626	proteomics_stat	3950591	3950629	+	2	7	H.ALHYGTSVFEGIR.C	17
PSTAT+5627	proteomics_stat	3950705	3950758	+	2	5	K.IYRFPVSQSIDELMEACR.D	22
PSTAT+5628	proteomics_stat	3950714	3950758	+	2	4	R.FPVSQSIDELMEACR.D	19
PSTAT+5629	proteomics_stat	3950954	3950986	+	2	2	R.AAPNTIPTAAK.A	15
PSTAT+5630	proteomics_stat	3950987	3951034	+	2	11	K.AGGNYLSSLLVGSEAR.R	20
PSTAT+5631	proteomics_stat	3951038	3951118	+	2	14	R.HGYQEGIALDVNGYISEGAGENLFEVK.D	31
PSTAT+5632	proteomics_stat	3951092	3951175	+	2	4	G.AGENLFEVKDGVLFPPFTSSALPGITR.D	32
PSTAT+5633	proteomics_stat	3951119	3951175	+	2	11	K.DGVLFPPFTSSALPGITR.D	23
PSTAT+5634	proteomics_stat	3951239	3951304	+	2	4	R.ESLYLADEVFMSGTAAEITPVR.S	26
PSTAT+5635	proteomics_stat	3951305	3951337	+	2	3	R.SVDGIQVGEGR.C	15
PSTAT+5636	proteomics_stat	3951311	3951337	+	2	2	V.DGIQVGEGR.C	13
PSTAT+5637	proteomics_stat	3951356	3951406	+	2	4	K.RIQQAFFGLFTGETEDK.W	21
PSTAT+5638	proteomics_stat	3951359	3951406	+	2	3	R.IQQAFFGLFTGETEDK.W	20
PSTAT+5639	proteomics_stat	3951675	3951716	+	3	4	K.LVAEQIEAAGGVAK.E	18
PSTAT+5640	proteomics_stat	3951906	3951956	+	3	2	R.LNIPIVFVSGGPMEAGK.T	21
PSTAT+5641	proteomics_stat	3952026	3952058	+	3	6	K.VSDSQSDQVER.S	15
PSTAT+5642	proteomics_stat	3952233	3952271	+	3	2	K.RYYEQNDESALPR.N	17
PSTAT+5643	proteomics_stat	3952236	3952271	+	3	2	R.YYEQNDESALPR.N	16
PSTAT+5644	proteomics_stat	3952542	3952592	+	3	3	R.DVKNVGLGLTLPQTLEQY.D	21
PSTAT+5645	proteomics_stat	3952551	3952625	+	3	5	K.NVLGLTLPQTLEQYDVMLTQDDAVK.N	29
PSTAT+5646	proteomics_stat	3952659	3952688	+	3	3	R.TTQAFSQDCR.W	14
PSTAT+5647	proteomics_stat	3952860	3952907	+	3	4	K.VYESQDDAVEAILGGK.V	20
PSTAT+5648	proteomics_stat	3952908	3952937	+	3	2	K.VVAGDVVVIR.Y	14

PSTAT+5649	proteomics_stat	3952953	3953000	+	3	6	K.GPGMQEMLYPTSFLK.S	20
PSTAT+5650	proteomics_stat	3953163	3953204	+	3	2	R.GIQLQVSDAELAAR.R	18
PSTAT+5651	proteomics_stat	3953283	3953315	+	3	4	R.AYASLATSADK.G	15
PSTAT+5652	proteomics_stat	3953283	3953327	+	3	2	R.AYASLATSADKGAVR.D	19
PSTAT+5653	proteomics_stat	3953588	3953653	+	2	5	K.AHGVITASAGNHAQGVAFSSAR.L	26
PSTAT+5654	proteomics_stat	3953720	3953770	+	2	2	R.GFGGEVLLHGANFDEAK.A	21
PSTAT+5655	proteomics_stat	3953900	3953956	+	2	3	R.VFVPVGGGGLAAGVAVLK.Q	23
PSTAT+5656	proteomics_stat	3954017	3954055	+	2	3	K.AALDAGHPVDLPR.V	17
PSTAT+5657	proteomics_stat	3954200	3954244	+	2	2	R.AVAEPSGALALAGMK.K	19
PSTAT+5658	proteomics_stat	3954281	3954328	+	2	5	R.LAHILSGANVNFHGLR.Y	20
PSTAT+5659	proteomics_stat	3954533	3954601	+	2	2	K.EILQMLNDGGYSVVDLSDEMAK.L	27
PSTAT+5660	proteomics_stat	3954656	3954700	+	2	3	R.LYSFEFPESPGALLR.F	19
PSTAT+5661	proteomics_stat	3955996	3956025	+	1	10	M.ANYFNLTNLR.Q	14
PSTAT+5662	proteomics_stat	3955999	3956025	+	1	2	A.NYFNLTNLR.Q	13
PSTAT+5663	proteomics_stat	3956056	3956106	+	1	14	R.FMGRDEFADGASYLQGK.K	21
PSTAT+5664	proteomics_stat	3956056	3956109	+	1	7	R.FMGRDEFADGASYLQGKK.V	22
PSTAT+5665	proteomics_stat	3956059	3956106	+	1	4	F.MGRDEFADGASYLQGK.K	20
PSTAT+5666	proteomics_stat	3956062	3956106	+	1	4	M.GRDEFADGASYLQGK.K	19
PSTAT+5667	proteomics_stat	3956068	3956106	+	1	28	R.DEFADGASYLQGK.K	17
PSTAT+5668	proteomics_stat	3956068	3956109	+	1	5	R.DEFADGASYLQGKK.V	18
PSTAT+5669	proteomics_stat	3956107	3956163	+	1	22	K.KVVIVGCGAQGLNQGLNMR.D	23
PSTAT+5670	proteomics_stat	3956107	3956157	+	1	2	K.KVVIVGCGAQGLNQGLN.M	21
PSTAT+5671	proteomics_stat	3956110	3956163	+	1	26	K.VVIVGCGAQGLNQGLNMR.D	22
PSTAT+5672	proteomics_stat	3956113	3956163	+	1	3	V.VIVGCGAQGLNQGLNMR.D	21
PSTAT+5673	proteomics_stat	3956164	3956196	+	1	15	R.DSGLDISYALR.K	15
PSTAT+5674	proteomics_stat	3956164	3956199	+	1	7	R.DSGLDISYALRK.E	16
PSTAT+5675	proteomics_stat	3956257	3956340	+	1	40	K.VGTYEELIPQADLVINLTPDKQHSDVVR.T	32
PSTAT+5676	proteomics_stat	3956257	3956319	+	1	11	K.VGTYEELIPQADLVINLTPDK.Q	25
PSTAT+5677	proteomics_stat	3956281	3956340	+	1	3	I.PQADLVINLTPDKQHSDVVR.T	24
PSTAT+5678	proteomics_stat	3956362	3956424	+	1	17	K.DGAALGYSHGFNIVEVGEQIR.K	25
PSTAT+5679	proteomics_stat	3956362	3956427	+	1	100	K.DGAALGYSHGFNIVEVGEQIRK.D	26
PSTAT+5680	proteomics_stat	3956362	3956388	+	1	5	K.DGAALGYSH.G	13
PSTAT+5681	proteomics_stat	3956425	3956457	+	1	11	R.KDITVVMVAPK.C	15
PSTAT+5682	proteomics_stat	3956428	3956457	+	1	17	K.DITVVMVAPK.C	14
PSTAT+5683	proteomics_stat	3956458	3956490	+	1	4	K.CPGTEVREEYK.R	15
PSTAT+5684	proteomics_stat	3956494	3956568	+	1	18	R.GFGVPTLIAVHPENDPKGEGMAIAK.A	29
PSTAT+5685	proteomics_stat	3956494	3956544	+	1	8	R.GFGVPTLIAVHPENDPK.G	21
PSTAT+5686	proteomics_stat	3956494	3956538	+	1	2	R.GFGVPTLIAVHPEND.P	19
PSTAT+5687	proteomics_stat	3956569	3956598	+	1	6	K.AWAAATGGHR.A	14
PSTAT+5688	proteomics_stat	3956599	3956637	+	1	29	R.AGVLESSFVAEVK.S	17
PSTAT+5689	proteomics_stat	3956638	3956748	+	1	3	K.SDLMGEQTILCGMLQAGSLLCFDKLVEEGTDPAYAEK.L	41
PSTAT+5690	proteomics_stat	3956638	3956709	+	1	3	K.SDLMGEQTILCGMLQAGSLLCFDK.L	28
PSTAT+5691	proteomics_stat	3956710	3956748	+	1	26	K.LVEEGTDPAYAEK.L	17
PSTAT+5692	proteomics_stat	3956713	3956748	+	1	4	L.VEEGTDPAYAEK.L	16
PSTAT+5693	proteomics_stat	3956749	3956790	+	1	95	K.LIQFGWETITEALK.Q	18
PSTAT+5694	proteomics_stat	3956791	3956820	+	1	2	K.QGGITLMMDR.L	14

PSTAT+5695	proteomics_stat	3956839	3956871	+	1	3	K.LRAYALSEQLK.E	15
PSTAT+5696	proteomics_stat	3956845	3956898	+	1	39	R.AYALSEQLKEIMAPLFQK.H	22
PSTAT+5697	proteomics_stat	3956845	3956871	+	1	11	R.AYALSEQLK.E	13
PSTAT+5698	proteomics_stat	3956872	3956898	+	1	5	K.EIMAPLFQK.H	13
PSTAT+5699	proteomics_stat	3956899	3956970	+	1	262	K.HMDDIISGEFSSGMMADWANDDKK.L	28
PSTAT+5700	proteomics_stat	3956971	3957000	+	1	4	K.LLTWREETGK.T	14
PSTAT+5701	proteomics_stat	3956986	3957036	+	1	5	R.EETGKTAFETAPQYEGK.I	21
PSTAT+5702	proteomics_stat	3957001	3957036	+	1	16	K.TAFETAPQYEGK.I	16
PSTAT+5703	proteomics_stat	3957004	3957036	+	1	4	T.AFETAPQYEGK.I	15
PSTAT+5704	proteomics_stat	3957037	3957063	+	1	4	K.IGEQEYFDK.G	13
PSTAT+5705	proteomics_stat	3957037	3957090	+	1	60	K.IGEQEYFDKGVLMIAMVK.A	22
PSTAT+5706	proteomics_stat	3957064	3957090	+	1	2	K.GVLMIAMVK.A	13
PSTAT+5707	proteomics_stat	3957091	3957201	+	1	22	K.AGVELAFETMVDSGIIEESAYYESLHELPLIANTIAR.K	41
PSTAT+5708	proteomics_stat	3957286	3957330	+	1	2	L.LKPFMAELQPGDLGK.A	19
PSTAT+5709	proteomics_stat	3957298	3957330	+	1	3	F.MAELQPGDLGK.A	15
PSTAT+5710	proteomics_stat	3957331	3957369	+	1	12	K.AIPEGAVDNGQLR.D	17
PSTAT+5711	proteomics_stat	3957334	3957369	+	1	4	A.IPEGAVDNGQLR.D	16
PSTAT+5712	proteomics_stat	3957370	3957390	+	1	3	R.DVNEAIR.S	11
PSTAT+5713	proteomics_stat	3957391	3957417	+	1	12	R.SHAIEQVGK.K	13
PSTAT+5714	proteomics_stat	3957391	3957420	+	1	5	R.SHAIEQVGK.L	14
PSTAT+5715	proteomics_stat	3957394	3957417	+	1	2	S.HAIEQVGK.K	12
PSTAT+5716	proteomics_stat	3959453	3959506	+	2	4	R.GARPQNLVLLSQDFPALK.V	22
PSTAT+5717	proteomics_stat	3959639	3959677	+	2	4	K.VLSANNEEHEAER.V	17
PSTAT+5718	proteomics_stat	3960095	3960127	+	2	2	R.LAEREPIAAVR.D	15
PSTAT+5719	proteomics_stat	3963787	3963840	+	1	7	M.SDKIIHLTDDSFDTDVLK.A	22
PSTAT+5720	proteomics_stat	3963793	3963840	+	1	2	D.KIIHLTDDSFDTDVLK.A	20
PSTAT+5721	proteomics_stat	3963796	3963840	+	1	4	K.IIHLTDDSFDTDVLK.A	19
PSTAT+5722	proteomics_stat	3963895	3963942	+	1	13	K.MIAPILDEIADEYQGK.L	20
PSTAT+5723	proteomics_stat	3963958	3963993	+	1	6	K.LNIDQNPGTAPK.Y	16
PSTAT+5724	proteomics_stat	3964075	3964110	+	1	3	K.GQLKEFLDANLA.-	16
PSTAT+5725	proteomics_stat	3964461	3964523	+	3	17	K.NTPVSELITLGENMGLENLAR.M	25
PSTAT+5726	proteomics_stat	3964464	3964523	+	3	3	N.TPVSELITLGENMGLENLAR.M	24
PSTAT+5727	proteomics_stat	3964530	3964559	+	3	14	R.KQDIIFAILK.Q	14
PSTAT+5728	proteomics_stat	3964572	3964637	+	3	70	K.SGEDIFGDGVLEILQDGFGLR.S	26
PSTAT+5729	proteomics_stat	3964638	3964700	+	3	2	R.SADSSYLAGPDDIYVSPSQIR.R	25
PSTAT+5730	proteomics_stat	3964644	3964700	+	3	2	A.DSSYLAGPDDIYVSPSQIR.R	23
PSTAT+5731	proteomics_stat	3964785	3964823	+	3	8	K.VNEVNFDPENAR.N	17
PSTAT+5732	proteomics_stat	3964830	3964871	+	3	16	K.ILFENLPLHANSR.L	18
PSTAT+5733	proteomics_stat	3964887	3964919	+	3	8	R.GNGSTEDLTAR.V	15
PSTAT+5734	proteomics_stat	3964920	3964949	+	3	2	R.VLDLASPIGR.G	14
PSTAT+5735	proteomics_stat	3964959	3964982	+	3	2	R.GLIVAPPK.A	12
PSTAT+5736	proteomics_stat	3965103	3965153	+	3	2	R.LVKGEVVASTFDEPASR.H	21
PSTAT+5737	proteomics_stat	3965112	3965153	+	3	7	K.GEVVASTFDEPASR.H	18
PSTAT+5738	proteomics_stat	3965154	3965186	+	3	23	R.HVQVAEMVIEK.A	15
PSTAT+5739	proteomics_stat	3965211	3965246	+	3	2	K.KDVILLDSITR.L	16
PSTAT+5740	proteomics_stat	3965214	3965246	+	3	3	K.DVILLDSITR.L	15

PSTAT+5741	proteomics_stat	3965256	3965288	+	3	3	R.AYNTVVPASGK.V	15
PSTAT+5742	proteomics_stat	3965289	3965333	+	3	7	K.VLTGGVDANALHRPK.R	19
PSTAT+5743	proteomics_stat	3965334	3965354	+	3	2	K.RFFGAAR.N	11
PSTAT+5744	proteomics_stat	3965355	3965417	+	3	110	R.NVEEGGSLTIATALIDTGSK.M	25
PSTAT+5745	proteomics_stat	3965448	3965480	+	3	4	K.GTGNMELHLSR.K	15
PSTAT+5746	proteomics_stat	3965496	3965525	+	3	8	K.RVFPAIDYNR.S	14
PSTAT+5747	proteomics_stat	3965526	3965576	+	3	2	R.SGTRKEELLTQEELQK.M	21
PSTAT+5748	proteomics_stat	3965538	3965576	+	3	9	R.KEELLTQEELQK.M	17
PSTAT+5749	proteomics_stat	3965541	3965576	+	3	2	K.EELLTQEELQK.M	16
PSTAT+5750	proteomics_stat	3965592	3965645	+	3	8	R.KIIHPMGEIDAMEFLINK.L	22
PSTAT+5751	proteomics_stat	3965595	3965645	+	3	36	K.IIHPMGEIDAMEFLINK.L	21
PSTAT+5752	proteomics_stat	3965661	3965690	+	3	2	K.TNDDFFEMMK.R	14
PSTAT+5753	proteomics_stat	3967453	3967518	+	1	4	K.ADAALLDEMINSIQFIPGDFTR.A	26
PSTAT+5754	proteomics_stat	3967609	3967638	+	1	3	R.AASHLNDELK.G	14
PSTAT+5755	proteomics_stat	3967750	3967776	+	1	5	K.IAEQHNISR.S	13
PSTAT+5756	proteomics_stat	3967855	3967911	+	1	2	R.LENLQAVGPAFDLDYDQNR.A	23
PSTAT+5757	proteomics_stat	3967912	3967956	+	1	2	R.AMLNTLNVGPTLDPR.F	19
PSTAT+5758	proteomics_stat	3968201	3968230	+	2	2	K.MAPLVHALAK.D	14
PSTAT+5759	proteomics_stat	3968561	3968614	+	2	2	R.TLTGHLAMYHFSPTETSR.Q	22
PSTAT+5760	proteomics_stat	3968729	3968773	+	2	3	R.SELAANYPFIDPDKK.M	19
PSTAT+5761	proteomics_stat	3969170	3969208	+	2	5	R.LLKDENEYQAMSR.A	17
PSTAT+5762	proteomics_stat	3969209	3969247	+	2	2	R.AHNYPYGDGQACSR.I	17
PSTAT+5763	proteomics_stat	3970150	3970194	+	1	4	R.EVNDHKPFWVIDQVK.A	19
PSTAT+5764	proteomics_stat	3970749	3970811	+	3	4	R.VFTEHQPCVMHLAAESHVDR.S	25
PSTAT+5765	proteomics_stat	3971037	3971060	+	3	4	K.ASSDHLVR.A	12
PSTAT+5766	proteomics_stat	3971037	3971060	+	3	4	K.ASSDHLVR.A	12
PSTAT+5767	proteomics_stat	3971142	3971180	+	3	2	K.LIPLMILNALAGK.S	17
PSTAT+5768	proteomics_stat	3971217	3971246	+	3	2	R.DWLYVEDHAR.A	14
PSTAT+5769	proteomics_stat	3971217	3971246	+	3	2	R.DWLYVEDHAR.A	14
PSTAT+5770	proteomics_stat	3971277	3971315	+	3	4	K.VGETYNIGGHNER.K	17
PSTAT+5771	proteomics_stat	3971355	3971399	+	3	2	L.EELAPNKPVGVAHYR.D	19
PSTAT+5772	proteomics_stat	3971637	3971669	+	3	3	K.GIILAGGSGTR.L	15
PSTAT+5773	proteomics_stat	3971637	3971669	+	3	3	K.GIILAGGSGTR.L	15
PSTAT+5774	proteomics_stat	3972009	3972056	+	3	3	R.TEGATVFGYQVMDPER.F	20
PSTAT+5775	proteomics_stat	3973169	3973243	+	2	3	H.MIPFNAPPVGTELDYMQSAMGSGK.L	29
PSTAT+5776	proteomics_stat	3973451	3973525	+	2	4	K.IVFVDVRPDTMNIDETLEAAITDK.T	29
PSTAT+5777	proteomics_stat	3973532	3973597	+	2	2	R.VIVPVHYAGVACEMDTIMALAK.K	26
PSTAT+5778	proteomics_stat	3973598	3973654	+	2	2	K.KHNLFVVEDAAQGVMSYK.G	23
PSTAT+5779	proteomics_stat	3973601	3973654	+	2	5	K.HNLFVVEDAAQGVMSYK.G	22
PSTAT+5780	proteomics_stat	3973940	3973987	+	2	2	R.LALWQNYDALAPLAK.A	20
PSTAT+5781	proteomics_stat	3974216	3974263	+	2	2	R.LLRLPLFYNLSPVNQR.T	20
PSTAT+5782	proteomics_stat	3974225	3974263	+	2	3	R.LPLFYNLSPVNQR.T	17
PSTAT+5783	proteomics_stat	3975551	3975598	+	2	3	M.TVLIHVLGSDIPHHNR.T	20
PSTAT+5784	proteomics_stat	3978042	3978089	+	3	3	R.DMQHALDYLFADGQLK.Q	20
PSTAT+5785	proteomics_stat	3978759	3978824	+	3	4	R.RLSAFLHKAFLMLYLPFL.N	26
PSTAT+5786	proteomics_stat	3985021	3985089	+	1	2	I.VVLAFAQIDNLLGSIMIVTFNK.M	27

PSTAT+5787	proteomics_stat	3990316	3990360	+	1	2	R.EAHNELLDAMMQSYR.N	19
PSTAT+5788	proteomics_stat	3992644	3992712	+	1	13	K.NAPPPTKPVETQTQSTVDPKNDR.A	27
PSTAT+5789	proteomics_stat	3992800	3992877	+	1	2	K.MHGLGNDFMVVDVAVTQNVFFSPELIR.R	30
PSTAT+5790	proteomics_stat	3992893	3992967	+	1	2	R.HLGVGFDQLLVVEPPYDPELDFHYR.I	29
PSTAT+5791	proteomics_stat	3992968	3993018	+	1	2	R.IFNADGSEVAQCNGAR.C	21
PSTAT+5792	proteomics_stat	3993541	3993606	+	1	10	K.GPGHPLYMTGPAVHVYDGGFIHL.-	26
PSTAT+5793	proteomics_stat	3995233	3995295	+	1	2	R.ISALTFDLDDTLYDNRPVILR.T	25
PSTAT+5794	proteomics_stat	3995392	3995427	+	1	3	R.EAEPEIYHDVTR.W	16
PSTAT+5795	proteomics_stat	3995440	3995526	+	1	2	R.SIEQAMLDAGLSAEEASAGAHAAMINFAK.W	33
PSTAT+5796	proteomics_stat	3995533	3995574	+	1	4	R.SRIDVPQQTHDTLK.Q	18
PSTAT+5797	proteomics_stat	3995731	3995802	+	1	6	K.LNVPIGEILHVGGDDLTDDVGGAIR.S	28
PSTAT+5798	proteomics_stat	3996303	3996368	+	3	4	R.AHHMDANLPQDFQILDSEDLR.L	26
PSTAT+5799	proteomics_stat	3997386	3997454	+	3	3	R.FMELIDALAQETADMPLHVQTDR.V	27
PSTAT+5800	proteomics_stat	3999491	3999565	+	2	2	R.LEVEESQPLVNAVWIDLVEPDDDER.L	29
PSTAT+5801	proteomics_stat	3999572	3999640	+	2	3	R.VQSELGQSLATRPELEDIEASAR.F	27
PSTAT+5802	proteomics_stat	3999809	3999868	+	2	6	R.SQSMVDGNAYELLLDLFETK.I	24
PSTAT+5803	proteomics_stat	3999869	3999928	+	2	6	K.IEQLADEIENIYSDLEQLSR.V	24
PSTAT+5804	proteomics_stat	3999929	4000009	+	2	2	R.VIMEGHQGDYDEALSTLAELEDIGWK.V	31
PSTAT+5805	proteomics_stat	4000064	4000099	+	2	2	K.ARLPGGQLEQAR.E	16
PSTAT+5806	proteomics_stat	4000070	4000099	+	2	2	R.LPGGQLEQAR.E	14
PSTAT+5807	proteomics_stat	4003539	4003577	+	3	2	K.IGYHLGDAVLSAK.G	17
PSTAT+5808	proteomics_stat	4004845	4004889	+	1	2	P.IIRKPDAPGVMACPR.K	19
PSTAT+5809	proteomics_stat	4007226	4007276	+	3	3	R.ENAFAAFTMGPLTDFWR.Q	21
PSTAT+5810	proteomics_stat	4007799	4007837	+	3	2	R.ALPFAINVLTHSR.Q	17
PSTAT+5811	proteomics_stat	4008223	4008297	+	1	2	L.MYQVVASDLGTLSPDHTLSPYAK.E	29
PSTAT+5812	proteomics_stat	4008430	4008477	+	1	5	R.VHDLGDNLIFAHNLDR.D	20
PSTAT+5813	proteomics_stat	4008478	4008543	+	1	4	R.DIASDLFGVVNDNPDITNVYR.D	26
PSTAT+5814	proteomics_stat	4008598	4008660	+	1	2	K.EAVFYALYEPGLLEPEGVSK.V	25
PSTAT+5815	proteomics_stat	4008661	4008723	+	1	2	K.VFFTCDSHEQLLPLEQAINAR.W	25
PSTAT+5816	proteomics_stat	4008796	4008822	+	1	2	K.GHALEAVAK.K	13
PSTAT+5817	proteomics_stat	4008934	4009005	+	1	5	R.LKDLHPELEVIGTNADDAVPHYLR.K	28
PSTAT+5818	proteomics_stat	4011079	4011111	+	1	26	M.TILNHTLGFPR.V	15
PSTAT+5819	proteomics_stat	4011082	4011111	+	1	6	T.ILNHTLGFPR.V	14
PSTAT+5820	proteomics_stat	4011136	4011174	+	1	8	K.KAQESYWAGNSTR.E	17
PSTAT+5821	proteomics_stat	4011139	4011174	+	1	3	K.AQESYWAGNSTR.E	16
PSTAT+5822	proteomics_stat	4011139	4011177	+	1	2	K.AQESYWAGNSTR.E	17
PSTAT+5823	proteomics_stat	4011175	4011198	+	1	2	R.EELLAVGR.E	12
PSTAT+5824	proteomics_stat	4011232	4011324	+	1	4	K.QAGIDLLPVGDFAWYDHLTTSLLLGNVPAR.H	35
PSTAT+5825	proteomics_stat	4011325	4011369	+	1	29	R.HQNKDGSVDIDLFR.I	19
PSTAT+5826	proteomics_stat	4011337	4011369	+	1	10	K.DGSVDIDLFR.I	15
PSTAT+5827	proteomics_stat	4011379	4011426	+	1	28	R.GRAPTEGEPAAAAEMTK.W	20
PSTAT+5828	proteomics_stat	4011385	4011426	+	1	9	R.APTGEPAAAAEMTK.W	18
PSTAT+5829	proteomics_stat	4011427	4011471	+	1	29	K.WFNTNYHYMVPEFVK.G	19
PSTAT+5830	proteomics_stat	4011427	4011495	+	1	3	K.WFNTNYHYMVPEFVKGQFKLTW.T	27
PSTAT+5831	proteomics_stat	4011430	4011471	+	1	4	W.FNTNYHYMVPEFVK.G	18
PSTAT+5832	proteomics_stat	4011487	4011543	+	1	6	K.LTWTQLLDEVDEALALGHK.V	23

PSTAT+5833	proteomics_stat	4011544	4011591	+	1	39	K.VKPVLGPTWLVWLGK.V	20
PSTAT+5834	proteomics_stat	4011613	4011675	+	1	2	D.RLSLLNDILPVYQQVLAELAK.R	25
PSTAT+5835	proteomics_stat	4011616	4011675	+	1	11	R.LSLLNDILPVYQQVLAELAK.R	24
PSTAT+5836	proteomics_stat	4011616	4011678	+	1	7	R.LSLLNDILPVYQQVLAELAKR.G	25
PSTAT+5837	proteomics_stat	4011787	4011909	+	1	3	K.LLLTTYFEGVTPNLDITIALPVQGLHVDLVHGKDDVAELHK.R	45
PSTAT+5838	proteomics_stat	4011787	4011885	+	1	10	K.LLLTTYFEGVTPNLDITIALPVQGLHVDLVHGK.D	37
PSTAT+5839	proteomics_stat	4011886	4011912	+	1	10	K.DDVAELHKR.L	13
PSTAT+5840	proteomics_stat	4011910	4011957	+	1	17	K.RLPSDWLLSAGLINGR.N	20
PSTAT+5841	proteomics_stat	4011913	4011957	+	1	17	R.LPSDWLLSAGLINGR.N	19
PSTAT+5842	proteomics_stat	4012021	4012086	+	1	10	R.DLWVASSCSLLHSPIDLVSIVETR.L	26
PSTAT+5843	proteomics_stat	4012105	4012131	+	1	3	K.SWFALQK.C	13
PSTAT+5844	proteomics_stat	4012132	4012155	+	1	4	K.CHELALLR.D	12
PSTAT+5845	proteomics_stat	4012156	4012218	+	1	23	R.DALNSGDTAALAEWSAPIQAR.R	25
PSTAT+5846	proteomics_stat	4012234	4012260	+	1	14	R.VHNPAVEKR.L	13
PSTAT+5847	proteomics_stat	4012258	4012293	+	1	6	K.RLAAITAQDSQR.A	16
PSTAT+5848	proteomics_stat	4012261	4012293	+	1	14	R.LAAITAQDSQR.A	15
PSTAT+5849	proteomics_stat	4012264	4012293	+	1	2	L.AAITAQDSQR.A	14
PSTAT+5850	proteomics_stat	4012315	4012398	+	1	3	R.AEAQRARFKLPAWPTTTIGSFQTTTEIR.T	32
PSTAT+5851	proteomics_stat	4012336	4012398	+	1	30	R.FKLPAWPTTTIGSFQTTTEIR.T	25
PSTAT+5852	proteomics_stat	4012342	4012398	+	1	8	K.LPAWPTTTIGSFQTTTEIR.T	23
PSTAT+5853	proteomics_stat	4012420	4012449	+	1	14	K.KGNLDANNYR.T	14
PSTAT+5854	proteomics_stat	4012450	4012473	+	1	9	R.TGIAEHK.Q	12
PSTAT+5855	proteomics_stat	4012498	4012536	+	1	4	R.LGLDVLVHGEAER.N	17
PSTAT+5856	proteomics_stat	4012537	4012620	+	1	2	R.NDMVEYFGEHLDFVFTQNGWVQSYGSR.C	32
PSTAT+5857	proteomics_stat	4012621	4012689	+	1	14	R.CVKPPIVIGDISRPAPITVEWAK.Y	27
PSTAT+5858	proteomics_stat	4012621	4012659	+	1	2	R.CVKPPIVIGDISR.P	17
PSTAT+5859	proteomics_stat	4012687	4012722	+	1	2	A.KYAQSLTDKPKV.G	16
PSTAT+5860	proteomics_stat	4012690	4012722	+	1	23	K.YAQSLTDKPKV.G	15
PSTAT+5861	proteomics_stat	4012723	4012770	+	1	15	K.GMLTGPVTILCWSFPR.E	20
PSTAT+5862	proteomics_stat	4012801	4012887	+	1	156	K.QIALALRDEVADLEAAGIGIIQIDEPALR.E	33
PSTAT+5863	proteomics_stat	4012822	4012887	+	1	186	R.DEVADLEAAGIGIIQIDEPALR.E	26
PSTAT+5864	proteomics_stat	4012843	4012887	+	1	3	E.AAGIGIIQIDEPALR.E	19
PSTAT+5865	proteomics_stat	4012909	4012953	+	1	117	R.SDWDAYLQWGVEAFR.I	19
PSTAT+5866	proteomics_stat	4012954	4012998	+	1	4	R.INAAVAKDDTQIHTH.M	19
PSTAT+5867	proteomics_stat	4013233	4013262	+	1	3	R.LWVNPDCGLK.T	14
PSTAT+5868	proteomics_stat	4013287	4013328	+	1	10	R.AALANMVQAAQNLR.R	18
PSTAT+5869	proteomics_stat	4013302	4013328	+	1	2	N.MVQAAQNLR.R	13
PSTAT+5870	proteomics_stat	4014457	4014492	+	1	2	M.SKSDVFLGLTK.N	16
PSTAT+5871	proteomics_stat	4014463	4014492	+	1	2	K.SDVFLGLTK.N	14
PSTAT+5872	proteomics_stat	4014493	4014552	+	1	7	K.NDLQGATLAIIVPGDPDRVEK.I	24
PSTAT+5873	proteomics_stat	4014493	4014543	+	1	2	K.NDLQGATLAIIVPGDPDR.V	21
PSTAT+5874	proteomics_stat	4014553	4014582	+	1	14	K.IAALMDKPKV.L	14
PSTAT+5875	proteomics_stat	4014727	4014798	+	1	68	R.IGTTGAIQPHINVGDLVTTASVR.L	28
PSTAT+5876	proteomics_stat	4014727	4014756	+	1	2	R.IGTTGAIQPH.I	14
PSTAT+5877	proteomics_stat	4014799	4014888	+	1	173	R.LDGASLHFAPLEFPAVADFECTTALVEAAK.S	34
PSTAT+5878	proteomics_stat	4014820	4014888	+	1	2	H.FAPLEFPAVADFECTTALVEAAK.S	27

PSTAT+5879	proteomics_stat	4014889	4014957	+	1	19	K.SIGATTHVGVGTASSDTFYPGQER.Y	27
PSTAT+5880	proteomics_stat	4015090	4015122	+	1	2	R.AGMVAGVIVNR.T	15
PSTAT+5881	proteomics_stat	4015123	4015158	+	1	5	R.TQQEIPNAETMK.Q	16
PSTAT+5882	proteomics_stat	4015881	4015934	+	3	2	R.NLQQQLNAQMAQEAINLTR.A	22
PSTAT+5883	proteomics_stat	4016655	4016708	+	3	2	R.EINPDLAEQAVSQDEEYR.L	22
PSTAT+5884	proteomics_stat	4016890	4016931	+	1	3	K.SQETTHFGFQTVAK.E	18
PSTAT+5885	proteomics_stat	4016983	4017024	+	1	2	K.YDVMNDLMSFGIHR.L	18
PSTAT+5886	proteomics_stat	4017064	4017117	+	1	2	R.RGQTVLDLAGGTGDLTAK.F	22
PSTAT+5887	proteomics_stat	4017067	4017117	+	1	3	R.GQTVLDLAGGTGDLTAK.F	21
PSTAT+5888	proteomics_stat	4017373	4017420	+	1	3	R.LLVLEFSKPIIEPLSK.A	20
PSTAT+5889	proteomics_stat	4017421	4017456	+	1	2	K.AYDAYSFHVLPRI	16
PSTAT+5890	proteomics_stat	4019677	4019700	+	1	3	K.YLQHHSVDK.I	12
PSTAT+5891	proteomics_stat	4020091	4020153	+	1	2	K.AMSDDEPKQDKTSQDADFTAK.T	25
PSTAT+5892	proteomics_stat	4020124	4020153	+	1	3	K.TSQDADFTAK.T	14
PSTAT+5893	proteomics_stat	4020151	4020198	+	1	2	A.KTIADKQADTNQEQAK.T	20
PSTAT+5894	proteomics_stat	4020154	4020213	+	1	4	K.TIADKQADTNQEQAKTEDAK.R	24
PSTAT+5895	proteomics_stat	4020154	4020198	+	1	2	K.TIADKQADTNQEQAK.T	19
PSTAT+5896	proteomics_stat	4020154	4020216	+	1	2	K.TIADKQADTNQEQAKTEDAKR.H	25
PSTAT+5897	proteomics_stat	4020169	4020216	+	1	3	K.QADTNQEQAKTEDAKR.H	20
PSTAT+5898	proteomics_stat	4020361	4020405	+	1	2	R.SLATTVQNELTQELK.L	19
PSTAT+5899	proteomics_stat	4020550	4020591	+	1	4	K.ASDEAHTIHNPPVK.D	18
PSTAT+5900	proteomics_stat	4020718	4020753	+	1	2	K.TAAPSPSSSDPK-	16
PSTAT+5901	proteomics_stat	4023026	4023082	+	2	4	K.YNDLRDFTLLEQQGELKR.I	23
PSTAT+5902	proteomics_stat	4023041	4023082	+	2	2	R.DFTLLEQQGELKR.I	18
PSTAT+5903	proteomics_stat	4023143	4023178	+	2	2	R.AGGPALLFENPK.G	16
PSTAT+5904	proteomics_stat	4023179	4023223	+	2	3	K.GYSMPVLCNLFGTPK.R	19
PSTAT+5905	proteomics_stat	4023281	4023325	+	2	5	K.LLAFLKEPEPPKGF.R	19
PSTAT+5906	proteomics_stat	4023530	4023550	+	2	2	R.QNLGIYR.Q	11
PSTAT+5907	proteomics_stat	4023602	4023652	+	2	2	R.GGALDYQEWCAHPGER.F	21
PSTAT+5908	proteomics_stat	4023947	4024048	+	2	6	R.EDAIYHSTYGRPPDEPAVLGVALNEVFPILQK.Q	38
PSTAT+5909	proteomics_stat	4024286	4024360	+	2	16	R.DTVLVENTPIDYLDFAFPVSGLGSK.M	29
PSTAT+5910	proteomics_stat	4024361	4024405	+	2	3	K.MGLDATNKWPGETQR.E	19
PSTAT+5911	proteomics_stat	4024571	4024609	+	2	2	K.VTSVEAITDTVYR.V	17
PSTAT+5912	proteomics_stat	4024799	4024846	+	2	3	K.DHQIVVDIPHGEAWLR.D	20
PSTAT+5913	proteomics_stat	4025024	4025077	+	2	6	K.HPGLQVVPVVEQPEAGWR.G	22
PSTAT+5914	proteomics_stat	4025084	4025158	+	2	5	R.TGTVLTAVLQDHGTLAEHDIYIAGR.F	29
PSTAT+5915	proteomics_stat	4029553	4029588	+	1	4	R.GNIGYIGVPPER.A	16
PSTAT+5916	proteomics_stat	4029589	4029630	+	1	5	R.ALQLGIEASNINPK.G	18
PSTAT+5917	proteomics_stat	4029631	4029660	+	1	3	K.GVIDYLHYR.S	14
PSTAT+5918	proteomics_stat	4029751	4029807	+	1	21	R.SGMSEFDINIAYLTATGHR.D	23
PSTAT+5919	proteomics_stat	4029808	4029876	+	1	3	R.DTDVPYSNIVALNEHA AVLHYTK.L	27
PSTAT+5920	proteomics_stat	4029877	4029906	+	1	8	K.LDHQAPEEMR.S	14
PSTAT+5921	proteomics_stat	4029907	4029963	+	1	17	R.SFLLDAGAENGYAADLTR.T	23
PSTAT+5922	proteomics_stat	4029979	4030008	+	1	4	K.SDNDYAQLVK.D	14
PSTAT+5923	proteomics_stat	4030009	4030050	+	1	4	K.DVNDEQLALIAMK.A	18
PSTAT+5924	proteomics_stat	4030051	4030095	+	1	3	K.AGVSYVDYHIQFHQR.I	19



PSTAT+5925	proteomics_stat	4030414	4030446	+	1	2	K.IEALKPFGGIR.I	15
PSTAT+5926	proteomics_stat	4030447	4030497	+	1	8	R.IEDNVVIHENNVMTR.D	21
PSTAT+5927	proteomics_stat	4032709	4032747	+	1	2	K.ELGIQADVAVHR.I	17
PSTAT+5928	proteomics_stat	4032805	4032843	+	1	3	R.YGHYHSAFQEFVK.K	17
PSTAT+5929	proteomics_stat	4033138	4033173	+	1	4	R.EIAHLTDKPTLK.-	16
PSTAT+5930	proteomics_stat	4040104	4040148	+	1	6	K.RLNEVIELLQPAWQK.E	19
PSTAT+5931	proteomics_stat	4040104	4040184	+	1	2	K.RLNEVIELLQPAWQKEPDLNLLQFLQK.L	31
PSTAT+5932	proteomics_stat	4040107	4040148	+	1	2	R.LNEVIELLQPAWQK.E	18
PSTAT+5933	proteomics_stat	4040107	4040184	+	1	19	R.LNEVIELLQPAWQKEPDLNLLQFLQK.L	30
PSTAT+5934	proteomics_stat	4040164	4040256	+	1	12	N.LLQFLQKLAKESGFDGELADLTDDILYHLK.M	35
PSTAT+5935	proteomics_stat	4040194	4040256	+	1	33	K.ESGFDGELADLTDDILYHLK.M	25
PSTAT+5936	proteomics_stat	4040275	4040322	+	1	2	K.DAVIPGLQKDYEEDFK.T	20
PSTAT+5937	proteomics_stat	4040275	4040301	+	1	3	K.DAVIPGLQK.D	13
PSTAT+5938	proteomics_stat	4040302	4040328	+	1	3	K.DYEEDFKTA.L	13
PSTAT+5939	proteomics_stat	4040438	4040515	+	2	4	G.MNNSAFTFQTLHPDTIMDALFEHGIR.V	30
PSTAT+5940	proteomics_stat	4040516	4040557	+	2	2	R.VDSGLTPLNSYENR.V	18
PSTAT+5941	proteomics_stat	4040852	4040908	+	2	2	K.QLFIHRPTIGLNEYLIEPR.K	23
PSTAT+5942	proteomics_stat	4041672	4041707	+	3	3	K.YHVNFMGDLGK.D	16
PSTAT+5943	proteomics_stat	4041807	4041851	+	3	2	R.SASDIRDVFINAGIK.G	19
PSTAT+5944	proteomics_stat	4041972	4042046	+	3	5	K.YQLNPQGMDSNMDVVFVQQYADTVK.Y	29
PSTAT+5945	proteomics_stat	4044044	4044100	+	2	4	R.ETGAFNEIDNGGGMQAKLF.T	23
PSTAT+5946	proteomics_stat	4044989	4045048	+	2	3	I.MVQIPQNPILVLDGSSYLRY.A	24
PSTAT+5947	proteomics_stat	4045049	4045129	+	2	8	R.AYHAFPLTNSAGEPTGAMYGVNLMLR.S	31
PSTAT+5948	proteomics_stat	4045130	4045183	+	2	9	R.SLIMQYKPTHAAVVFDK.G	22
PSTAT+5949	proteomics_stat	4045190	4045222	+	2	4	K.TFRDELFEHYK.S	15
PSTAT+5950	proteomics_stat	4045223	4045255	+	2	2	K.SHRPPMPDDL.R.A	15
PSTAT+5951	proteomics_stat	4045289	4045357	+	2	7	K.AMGLPLLAVSGVEADDVIGTLAR.E	27
PSTAT+5952	proteomics_stat	4045586	4045648	+	2	3	K.TAQALLQGLGGLDTLYAEPEK.I	25
PSTAT+5953	proteomics_stat	4045694	4045747	+	2	2	K.LEQNKVEAYLSYQLATIK.T	22
PSTAT+5954	proteomics_stat	4046189	4046227	+	2	2	R.ALELLKPLLEDEK.A	17
PSTAT+5955	proteomics_stat	4046297	4046353	+	2	11	R.GIAFDTMLESYILNSVAGR.H	23
PSTAT+5956	proteomics_stat	4046354	4046380	+	2	3	R.HMDSLAER.W	13
PSTAT+5957	proteomics_stat	4046426	4046476	+	2	7	K.GKNQLTFNQIALEEAGR.Y	21
PSTAT+5958	proteomics_stat	4046432	4046476	+	2	5	K.NQLTFNQIALEEAGR.Y	19
PSTAT+5959	proteomics_stat	4046549	4046605	+	2	4	K.GPLNVFENIEMPLVPVLSR.I	23
PSTAT+5960	proteomics_stat	4046639	4046674	+	2	5	K.VLHNHSEELTLR.L	16
PSTAT+5961	proteomics_stat	4046696	4046740	+	2	7	K.AHEIAGEEFNLSSTK.Q	19
PSTAT+5962	proteomics_stat	4046792	4046863	+	2	4	K.TPGGAPSTSEEVLALDYPLPK.V	28
PSTAT+5963	proteomics_stat	4046900	4046941	+	2	5	K.STYTDKPLMINPK.T	18
PSTAT+5964	proteomics_stat	4047194	4047250	+	2	3	R.ATAAEVFGGLPLETVTSEQR.R	23
PSTAT+5965	proteomics_stat	4047716	4047772	+	2	2	R.LDVPLLVEVGSGENWDQAH.-	23
PSTAT+5966	proteomics_stat	4049427	4049456	+	3	7	K.TREELDQEAR.D	14
PSTAT+5967	proteomics_stat	4049631	4049711	+	3	3	K.SEKPLSPQAELELLETDERLDALLER.L	31
PSTAT+5968	proteomics_stat	4049712	4049765	+	3	3	R.LEAGETLSAEEQSWVDAK.L	22
PSTAT+5969	proteomics_stat	4049796	4049861	+	3	2	K.LGLSYDDDEEEEEDEKQEDMMR.L	26
PSTAT+5970	proteomics_stat	4050311	4050355	+	2	2	K.ADQYLDALEQEIIVHR.A	19

PSTAT+5971	proteomics_stat	4050377	4050427	+	2	3	R.HVSQLHWGGGTPTYLNK.A	21
PSTAT+5972	proteomics_stat	4050620	4050664	+	2	2	R.EQDEEFIFALLNHAR.E	19
PSTAT+5973	proteomics_stat	4050776	4050826	+	2	2	R.LSVFNIAHLPTIFAAQR.K	21
PSTAT+5974	proteomics_stat	4050836	4050865	+	2	3	K.DADLPSPQQK.L	14
PSTAT+5975	proteomics_stat	4051304	4051330	+	2	2	K.DGLVDVDEK.G	13
PSTAT+5976	proteomics_stat	4052966	4053037	+	2	2	R.HCFVDIKRFGQIIKRPLLIGADGS.I	28
PSTAT+5977	proteomics_stat	4056502	4056534	+	1	3	K.LLQQSGTFDSR.A	15
PSTAT+5978	proteomics_stat	4056553	4056585	+	1	3	R.VMDSNDLEKER.G	15
PSTAT+5979	proteomics_stat	4056553	4056579	+	1	3	R.VMDSNDLEK.E	13
PSTAT+5980	proteomics_stat	4056637	4056690	+	1	5	R.INIVDTPGHADFGGEVER.V	22
PSTAT+5981	proteomics_stat	4056691	4056759	+	1	3	R.VMSMVDSVLLVDAFDGMPQTR.F	27
PSTAT+5982	proteomics_stat	4056772	4056816	+	1	4	K.KAFAYGLKPIVVINK.V	19
PSTAT+5983	proteomics_stat	4056775	4056816	+	1	6	K.AFAYGLKPIVVINK.V	18
PSTAT+5984	proteomics_stat	4057120	4057164	+	1	15	K.VKPNQQVTIIDSEGK.T	19
PSTAT+5985	proteomics_stat	4057205	4057255	+	2	4	S.VWNVSKPIWRKLAISLR.S	21
PSTAT+5986	proteomics_stat	4057441	4057467	+	1	4	K.ELVHNVALR.V	13
PSTAT+5987	proteomics_stat	4057468	4057500	+	1	7	R.VEETEDADAFR.V	15
PSTAT+5988	proteomics_stat	4057513	4057551	+	1	4	R.GELHLSVLIENMR.R	17
PSTAT+5989	proteomics_stat	4057513	4057548	+	1	2	R.GELHLSVLIENM.R	16
PSTAT+5990	proteomics_stat	4057552	4057587	+	1	4	R.REGFELAVSRPK.V	16
PSTAT+5991	proteomics_stat	4057555	4057587	+	1	4	R.EGFELAVSRPK.V	15
PSTAT+5992	proteomics_stat	4057615	4057695	+	1	21	R.KQEPYENVTLDVEEQHQGSVMQALGER.K	31
PSTAT+5993	proteomics_stat	4057738	4057767	+	1	3	R.VRLDYVIPSR.G	14
PSTAT+5994	proteomics_stat	4057786	4057878	+	1	18	R.SEFMTMTSGTGLLYSTFSHYDDVRPGEVGQR.Q	35
PSTAT+5995	proteomics_stat	4057804	4057878	+	1	2	M.TSGTGLLYSTFSHYDDVRPGEVGQR.Q	29
PSTAT+5996	proteomics_stat	4057879	4057914	+	1	2	R.QNGVLISNGQGK.A	16
PSTAT+5997	proteomics_stat	4057957	4058016	+	1	70	K.LFLGHGAEVYEQIIGIHSR.S	24
PSTAT+5998	proteomics_stat	4058017	4058052	+	1	2	R.SNDLTVNCLTGK.K	16
PSTAT+5999	proteomics_stat	4058071	4058115	+	1	3	R.ASGTDEAVVLVPPIR.M	19
PSTAT+6000	proteomics_stat	4058116	4058187	+	1	26	R.MTLEQALEFIDDELVEVTPPTSIR.I	28
PSTAT+6001	proteomics_stat	4058200	4058220	+	1	3	R.HLTENDR.R	11
PSTAT+6002	proteomics_stat	4059701	4059769	+	2	3	E.SLSLLDFANMINANEHPIDALK.T	27
PSTAT+6003	proteomics_stat	4072758	4072817	+	3	4	R.GYMNIDELANLLDVSTQTVR.R	24
PSTAT+6004	proteomics_stat	4073142	4073198	+	3	7	R.SHNSGIIGPSAASFVADFR.A	23
PSTAT+6005	proteomics_stat	4073882	4073908	+	2	3	R.VVLSNTNR.L	13
PSTAT+6006	proteomics_stat	4073909	4073950	+	2	12	R.LHTTFWPEEYPEIR.D	18
PSTAT+6007	proteomics_stat	4073951	4073995	+	2	4	R.DAADHIYLSQDLGMR.K	19
PSTAT+6008	proteomics_stat	4075323	4075373	+	3	5	K.GASPDRAEALDYFVER.C	21
PSTAT+6009	proteomics_stat	4075535	4075564	+	2	2	R.VPQTEEELER.Y	14
PSTAT+6010	proteomics_stat	4075628	4075699	+	2	3	R.DAWDAMAHHQMVVDEQGNLVAVGR.L	28
PSTAT+6011	proteomics_stat	4075769	4075813	+	2	2	K.GLGTLMAMTHLESVAR.Q	19
PSTAT+6012	proteomics_stat	4075877	4075930	+	2	3	K.LGFVNQGEITPTTTPIR.H	22
PSTAT+6013	proteomics_stat	4076054	4076077	+	2	2	R.IQQYTGQK.F	12
PSTAT+6014	proteomics_stat	4084138	4084218	+	1	6	R.LDEVAEEVPVALVYNGISHVMMASPK.D	31
PSTAT+6015	proteomics_stat	4098836	4098895	+	2	5	M.SYTLPSLPYAYDALEPHFDK.Q	24
PSTAT+6016	proteomics_stat	4098836	4098922	+	2	2	M.SYTLPSLPYAYDALEPHFDKQTMEIHHTK.H	33

PSTAT+6017	proteomics_stat	4098896	4098922	+	2	6	K.QTMEIHHTK.H	13
PSTAT+6018	proteomics_stat	4098923	4099012	+	2	3	K.HHQTYYNNANALESLEPEFANLPVEELITK.L	34
PSTAT+6019	proteomics_stat	4099013	4099039	+	2	7	K.LDQLPADKK.T	13
PSTAT+6020	proteomics_stat	4099103	4099132	+	2	4	K.KGTTLQGDLLK.A	14
PSTAT+6021	proteomics_stat	4099148	4099174	+	2	6	R.DFGSVDNFK.A	13
PSTAT+6022	proteomics_stat	4099148	4099189	+	2	14	R.DFGSVDNFKAEFEK.A	18
PSTAT+6023	proteomics_stat	4099205	4099237	+	2	2	R.FGSGWAWLVLLK.G	15
PSTAT+6024	proteomics_stat	4099247	4099363	+	2	15	K.LAVVSTANQDSPLMGEAISGASGFPIMGLDVWEHAYYK.F	43
PSTAT+6025	proteomics_stat	4099247	4099354	+	2	2	K.LAVVSTANQDSPLMGEAISGASGFPIMGLDVWEHAY.Y	40
PSTAT+6026	proteomics_stat	4099313	4099363	+	2	3	S.GFPIMGLDVWEHAYYK.F	21
PSTAT+6027	proteomics_stat	4099394	4099435	+	2	10	K.EFWNVVNWDEAAAR.F	18
PSTAT+6028	proteomics_stat	4100845	4100877	+	1	7	Q.MRYPVDVYTGK.I	15
PSTAT+6029	proteomics_stat	4100878	4100919	+	1	7	K.IQAYPEGKPSAIAK.I	18
PSTAT+6030	proteomics_stat	4101211	4101267	+	1	3	K.LNYHFDISDIAQLMQNTGK.V	23
PSTAT+6031	proteomics_stat	4103960	4104010	+	2	3	R.STQSHMFDGSLTEHQR.Q	21
PSTAT+6032	proteomics_stat	4104044	4104091	+	2	4	R.HEQPPVNVSELETMHR.L	20
PSTAT+6033	proteomics_stat	4104209	4104247	+	2	2	R.LLTPEQQAVLNEK.H	17
PSTAT+6034	proteomics_stat	4105311	4105367	+	3	2	R.RFPGSDVIIHQDPCSVVPR.E	23
PSTAT+6035	proteomics_stat	4105584	4105640	+	3	4	K.KIGVLTSGGDAPGMNAAIR.G	23
PSTAT+6036	proteomics_stat	4105587	4105640	+	3	5	K.IGVLTSGGDAPGMNAAIR.G	22
PSTAT+6037	proteomics_stat	4105653	4105721	+	3	82	R.SALTEGLEVMGIYDGYLGLYEDR.M	27
PSTAT+6038	proteomics_stat	4105740	4105766	+	3	4	R.YSVSDMINR.G	13
PSTAT+6039	proteomics_stat	4105794	4105823	+	3	6	R.FPEFRDENIR.A	14
PSTAT+6040	proteomics_stat	4105854	4105910	+	3	28	R.GIDALVVIGGDGSYMGAMR.L	23
PSTAT+6041	proteomics_stat	4105911	4105970	+	3	5	R.LTEMGFPCIGLPGTIDNDIK.G	24
PSTAT+6042	proteomics_stat	4105971	4106033	+	3	15	K.GTDYTIGFFTALSTVVEAIDR.L	25
PSTAT+6043	proteomics_stat	4106064	4106090	+	3	3	R.ISVVEVMGR.Y	13
PSTAT+6044	proteomics_stat	4106220	4106246	+	3	3	K.HAIVAITEH.M	13
PSTAT+6045	proteomics_stat	4106220	4106285	+	3	66	K.HAIVAITEHMCDVDELAHFIEK.E	26
PSTAT+6046	proteomics_stat	4106307	4106333	+	3	8	R.ATVLGHIQR.G	13
PSTAT+6047	proteomics_stat	4106376	4106423	+	3	12	R.MGAYAIDLALLAGYGGGR.C	20
PSTAT+6048	proteomics_stat	4106424	4106489	+	3	10	R.CVGIQNEQLVHHDIIIDAIENMK.R	26
PSTAT+6049	proteomics_stat	4106914	4106955	+	1	2	A.KDIQLLNVSYPTR.E	18
PSTAT+6050	proteomics_stat	4107235	4107297	+	1	3	K.QIHDWNDLIKPGVSVITPNPK.S	25
PSTAT+6051	proteomics_stat	4107463	4107528	+	1	3	R.GIGDVLIAWENEALLAANELGK.D	26
PSTAT+6052	proteomics_stat	4108523	4108564	+	2	2	R.SPFMMLAEVPEAR.E	18
PSTAT+6053	proteomics_stat	4111023	4111076	+	3	2	K.GCAIDIGTVIDNDNCTSK.F	22
PSTAT+6054	proteomics_stat	4111086	4111127	+	3	3	R.FFATREEAESFMTK.L	18
PSTAT+6055	proteomics_stat	4111128	4111187	+	3	122	K.LKELAAATSSADEGASVAYK.I	24
PSTAT+6056	proteomics_stat	4111134	4111187	+	3	8	K.ELAAATSSADEGASVAYK.I	22
PSTAT+6057	proteomics_stat	4111328	4111381	+	2	184	K.HIGVAISGNEEDALLVVK.A	22
PSTAT+6058	proteomics_stat	4111571	4111618	+	2	7	R.IERGEMPETLLEIMQK.E	20
PSTAT+6059	proteomics_stat	4111580	4111618	+	2	7	R.GEMPETLLEIMQK.E	17
PSTAT+6060	proteomics_stat	4111703	4111741	+	2	4	K.MSADLLIVPFIDK.-	17
PSTAT+6061	proteomics_stat	4113190	4113267	+	1	2	S.GRFRSMVPLAPGPTISFSIYISGALR.K	30
PSTAT+6062	proteomics_stat	4116547	4116579	+	1	2	M.SLEVFEEKLEAK.V	15

PSTAT+6063	proteomics_stat	4116580	4116642	+	1	56	K.VQQAIDTITLLQMEIEELKEK.N	25
PSTAT+6064	proteomics_stat	4116643	4116687	+	1	19	K.NNSLSQEVQNAQHQR.E	19
PSTAT+6065	proteomics_stat	4116688	4116747	+	1	3	R.EELERENNHLKEQQNGWQER.L	24
PSTAT+6066	proteomics_stat	4116688	4116720	+	1	11	R.EELERENNHLK.E	15
PSTAT+6067	proteomics_stat	4116748	4116768	+	1	2	R.LQALLGR.M	11
PSTAT+6068	proteomics_stat	4125060	4125104	+	3	2	K.YEEITASCSCGNVMK.I	19
PSTAT+6069	proteomics_stat	4125111	4125152	+	3	4	R.STVGHDNLNDVCSK.C	18
PSTAT+6070	proteomics_stat	4127049	4127087	+	3	2	R.VLFVDQGDQALR.A	17
PSTAT+6071	proteomics_stat	4127187	4127288	+	3	23	R.EVGAVSVVDNTFLSPALQNPLALGADLVLHSCTK.Y	38
PSTAT+6072	proteomics_stat	4127187	4127255	+	3	2	R.EVGAVSVVDNTFLSPALQNPLAL.G	27
PSTAT+6073	proteomics_stat	4127487	4127513	+	3	2	K.YLQTQPLVK.K	13
PSTAT+6074	proteomics_stat	4127514	4127567	+	3	7	K.KLYHPSLPENQGHIEAAR.Q	22
PSTAT+6075	proteomics_stat	4127517	4127567	+	3	4	K.LYHPSLPENQGHIEAAR.Q	21
PSTAT+6076	proteomics_stat	4127577	4127630	+	3	50	K.GFGAMLSFELDGDEQTLR.R	22
PSTAT+6077	proteomics_stat	4127745	4127837	+	3	4	R.AAAGISETLLRISTGIEDGEDLIADLENGFR.A	35
PSTAT+6078	proteomics_stat	4127745	4127777	+	3	3	R.AAAGISETLLR.I	15
PSTAT+6079	proteomics_stat	4127778	4127837	+	3	7	R.ISTGIEDGEDLIADLENGFR.A	24
PSTAT+6080	proteomics_stat	4127948	4128043	+	2	2	R.VAGIMAESYQPDDMMVVSAGSTTNQLINWLK.L	36
PSTAT+6081	proteomics_stat	4128098	4128181	+	2	7	R.YQCDLISGLLPAAEADSLISAFVSDLER.L	32
PSTAT+6082	proteomics_stat	4128263	4128319	+	2	4	R.LMSAVLNQQLPAAWLDAR.E	23
PSTAT+6083	proteomics_stat	4128341	4128418	+	2	3	R.AAQPVDEGLSYPLLQQLLVQHHPGKR.L	30
PSTAT+6084	proteomics_stat	4128446	4128478	+	2	5	R.NNAGETVLLGR.N	15
PSTAT+6085	proteomics_stat	4128479	4128532	+	2	3	R.NGSDYSATQIGALAGVSR.V	22
PSTAT+6086	proteomics_stat	4128533	4128580	+	2	2	R.VTIWSDVAGVYSADPR.K	20
PSTAT+6087	proteomics_stat	4128617	4128643	+	2	3	R.LDEASELAR.L	13
PSTAT+6088	proteomics_stat	4128785	4128850	+	2	2	R.IVTSHDDVCLIEFQVPASQDFK.L	26
PSTAT+6089	proteomics_stat	4128887	4128928	+	2	4	R.AQVRPLAVGVHNR.Q	18
PSTAT+6090	proteomics_stat	4129169	4129219	+	2	2	R.TGPTESLIQGLHQSFR.A	21
PSTAT+6091	proteomics_stat	4129466	4129576	+	2	4	R.AHPYDDLVLVDVTASQQLADQYLDFAHGFHVISANK.L	41
PSTAT+6092	proteomics_stat	4129643	4129699	+	2	5	R.HWLYNATVGAGLPINHTVR.D	23
PSTAT+6093	proteomics_stat	4129643	4129690	+	2	4	R.HWLYNATVGAGLPINH.T	20
PSTAT+6094	proteomics_stat	4130126	4130185	+	2	2	R.EDHPLASLLPCDNVFAIESR.W	24
PSTAT+6095	proteomics_stat	4130234	4130272	+	2	11	R.DVTAGAIQSDINR.L	17
PSTAT+6096	proteomics_stat	4130666	4130737	+	2	8	R.DALNQSLAEVQGQINVSFEFFPPR.T	28
PSTAT+6097	proteomics_stat	4130738	4130779	+	2	4	R.TSEMEQTLWNSIDR.L	18
PSTAT+6098	proteomics_stat	4130801	4130839	+	2	3	K.FVSVTYGANSGER.D	17
PSTAT+6099	proteomics_stat	4130873	4130938	+	2	3	K.DRTGLEAAPHLTCIDATPDEL.R.T	26
PSTAT+6100	proteomics_stat	4130879	4130938	+	2	5	R.TGLEAAPHLTCIDATPDEL.R.T	24
PSTAT+6101	proteomics_stat	4130975	4131058	+	2	2	R.HIVALRGDLPPGSGKPEMYASDLVTLLK.E	32
PSTAT+6102	proteomics_stat	4130993	4131058	+	2	4	R.GDLPPGSGKPEMYASDLVTLLK.E	26
PSTAT+6103	proteomics_stat	4131059	4131118	+	2	2	K.EVADFDISVAAYPEVHPEAK.S	24
PSTAT+6104	proteomics_stat	4131119	4131151	+	2	7	K.SAQADLLNLKR.K	15
PSTAT+6105	proteomics_stat	4131119	4131148	+	2	2	K.SAQADLLNLK.R	14
PSTAT+6106	proteomics_stat	4131176	4131217	+	2	9	R.AITQFFFDVESYLR.F	18
PSTAT+6107	proteomics_stat	4131302	4131328	+	2	3	K.KFADMTNVR.I	13
PSTAT+6108	proteomics_stat	4131329	4131385	+	2	7	R.IPAWMAQMFGLDDDAETR.K	23

PSTAT+6109	proteomics_stat	4131329	4131388	+	2	4	R.IPAWMAQMFGLDDDAETRK.L	24
PSTAT+6110	proteomics_stat	4131386	4131424	+	2	4	R.KLVGANIAMDMVK.I	17
PSTAT+6111	proteomics_stat	4131437	4131475	+	2	5	R.EGVKDFHFYTLNR.A	17
PSTAT+6112	proteomics_stat	4131476	4131526	+	2	7	R.AEMSYAICHTLGVPRGL.-	21
PSTAT+6113	proteomics_stat	4131861	4131902	+	3	3	M.STSDDIHNTTATGK.C	18
PSTAT+6114	proteomics_stat	4131903	4131959	+	3	3	K.CPFHQGGHDQSAGAGTTTR.D	23
PSTAT+6115	proteomics_stat	4131984	4132013	+	3	10	R.VDLLNQHSNR.S	14
PSTAT+6116	proteomics_stat	4132014	4132049	+	3	2	R.SNPLGEDFDYRK.E	16
PSTAT+6117	proteomics_stat	4132050	4132082	+	3	4	K.EFSKLDYYGLK.K	15
PSTAT+6118	proteomics_stat	4132389	4132460	+	3	5	R.TFGFGAGREDVWEPDLVDVNWGDEK.A	28
PSTAT+6119	proteomics_stat	4132413	4132460	+	3	4	R.EDVWEPDLVDVNWGDEK.A	20
PSTAT+6120	proteomics_stat	4132884	4132961	+	3	6	R.SPAGAIQFEAVDAPEIIPDPFDPSSK.R	30
PSTAT+6121	proteomics_stat	4132884	4132958	+	3	7	R.SPAGAIQFEAVDAPEIIPDPFDPSSK.K	29
PSTAT+6122	proteomics_stat	4132962	4133000	+	3	12	K.RKPTMLVTDLTLR.F	17
PSTAT+6123	proteomics_stat	4132965	4133000	+	3	5	R.KPTMLVTDLTLR.F	16
PSTAT+6124	proteomics_stat	4133034	4133075	+	3	5	R.FLNDPQAFNEAFAR.A	18
PSTAT+6125	proteomics_stat	4133121	4133219	+	3	3	R.YIGPEVPKEDLIWQDPLPQPIYNPTEQDIIDLK.F	37
PSTAT+6126	proteomics_stat	4133145	4133219	+	3	3	K.EDLIWQDPLPQPIYNPTEQDIIDLK.F	29
PSTAT+6127	proteomics_stat	4133220	4133294	+	3	2	K.FAIADSGLSVSELVSVAWASASTFR.G	29
PSTAT+6128	proteomics_stat	4133424	4133474	+	3	48	K.ASLADIIVLAGVVGVEK.A	21
PSTAT+6129	proteomics_stat	4133475	4133525	+	3	20	K.AASAAGLSIHVPFAPGR.V	21
PSTAT+6130	proteomics_stat	4133538	4133597	+	3	28	R.QDQTDIEMFELLEPIADGFR.N	24
PSTAT+6131	proteomics_stat	4133613	4133651	+	3	2	R.LDVSTTESLLIDK.A	17
PSTAT+6132	proteomics_stat	4133652	4133708	+	3	10	K.AQQLTLTAPEMTALVGGMR.V	23
PSTAT+6133	proteomics_stat	4133709	4133738	+	3	4	R.VLGANFDGSK.N	14
PSTAT+6134	proteomics_stat	4133712	4133738	+	3	2	V.LGANFDGSK.N	13
PSTAT+6135	proteomics_stat	4133736	4133807	+	3	2	S.KNGVFTDRVGVLSNDFVNLDMR.Y	28
PSTAT+6136	proteomics_stat	4133760	4133807	+	3	55	R.VGVLSNDFVNLDMR.Y	20
PSTAT+6137	proteomics_stat	4133820	4133855	+	3	8	K.ATDESKELFEGR.D	16
PSTAT+6138	proteomics_stat	4133931	4133972	+	3	13	R.AVAEVYASSDAHEK.F	18
PSTAT+6139	proteomics_stat	4133982	4134005	+	3	2	K.DFVAAWVK.V	12
PSTAT+6140	proteomics_stat	4134006	4134035	+	3	2	K.VMNLDRFDLL.-	14
PSTAT+6141	proteomics_stat	4153093	4153152	+	1	9	R.HPHMNITALTVSAQSNDAGK.L	24
PSTAT+6142	proteomics_stat	4153153	4153182	+	1	6	K.LISDLHPQLK.G	14
PSTAT+6143	proteomics_stat	4153156	4153182	+	1	2	L.ISDLHPQLK.G	13
PSTAT+6144	proteomics_stat	4153372	4153449	+	1	9	K.YYGFTHQYPELLEQAAYGLAEWCGNK.L	30
PSTAT+6145	proteomics_stat	4153456	4153596	+	1	3	K.EANLIAVPGCYPTAAQLALKPLIDADLLDLNQPVINATSGVSGAGR.K	51
PSTAT+6146	proteomics_stat	4153600	4153662	+	1	3	K.AAISNSFCVEVSLQPYGVFTHR.H	25
PSTAT+6147	proteomics_stat	4153762	4153836	+	1	2	R.LKSGVTQAQVAQVLQQAAYAHKPLVR.L	29
PSTAT+6148	proteomics_stat	4153768	4153836	+	1	7	K.SGVTQAQVAQVLQQAAYAHKPLVR.L	27
PSTAT+6149	proteomics_stat	4153957	4153995	+	1	3	K.GAAAQAVQCANIR.F	17
PSTAT+6150	proteomics_stat	4154102	4154128	+	2	2	R.LFSALVNYR.E	13
PSTAT+6151	proteomics_stat	4154234	4154293	+	2	5	R.VTPADQIDIITGALAGTANK.T	24
PSTAT+6152	proteomics_stat	4154315	4154368	+	2	15	K.KHQIAAVGLFLGDGDSVK.V	22
PSTAT+6153	proteomics_stat	4154318	4154368	+	2	5	K.HQIAAVGLFLGDGDSVK.V	21
PSTAT+6154	proteomics_stat	4154369	4154428	+	2	8	K.VTQLDEELGHVGLAQPSPK.L	24

PSTAT+6155	proteomics_stat	4154636	4154686	+	2	2	K.AEQLIEQGIITDGMIVK.V	21
PSTAT+6156	proteomics_stat	4154714	4154749	+	2	2	R.TLGRPVDIASWR.H	16
PSTAT+6157	proteomics_stat	4154750	4154800	+	2	5	R.HAEQLPALFNGMPMGTR.I	21
PSTAT+6158	proteomics_stat	4154894	4154917	+	2	4	R.FTQAADQR.F	12
PSTAT+6159	proteomics_stat	4154918	4154944	+	2	3	R.FKQFNDSL.R.F	13
PSTAT+6160	proteomics_stat	4154957	4154998	+	2	2	R.LAEQDIVGSAVWSK.A	18
PSTAT+6161	proteomics_stat	4154999	4155082	+	2	17	K.ALVTVGVLTAEEQAQLEALNVLLEDVR.A	32
PSTAT+6162	proteomics_stat	4155083	4155145	+	2	25	R.ARPQQILESDAEDIHSWVEGK.L	25
PSTAT+6163	proteomics_stat	4155146	4155175	+	2	4	K.LIDKVGQLGK.K	14
PSTAT+6164	proteomics_stat	4155194	4155226	+	2	7	R.SRNDQVATDLK.L	15
PSTAT+6165	proteomics_stat	4155239	4155271	+	2	3	K.DTVSELLTANR.Q	15
PSTAT+6166	proteomics_stat	4155272	4155349	+	2	7	R.QLQSALVETAQNNQDAVMPGYTHLQR.A	30
PSTAT+6167	proteomics_stat	4155440	4155541	+	2	3	R.LDVSPGCGALAGTAYEIDREQLAGWLGAFASATR.N	38
PSTAT+6168	proteomics_stat	4155440	4155499	+	2	2	R.LDVSPGCGALAGTAYEIDR.E	24
PSTAT+6169	proteomics_stat	4155542	4155625	+	2	36	R.NSLDSVSDRDHVLELLSAAAIGMVHLSR.F	32
PSTAT+6170	proteomics_stat	4155689	4155724	+	2	4	R.VTSGSSLMPQKK.N	16
PSTAT+6171	proteomics_stat	4155725	4155751	+	2	3	K.NPDALELIR.G	13
PSTAT+6172	proteomics_stat	4155767	4155805	+	2	3	R.VQGALTGMMMTLK.G	17
PSTAT+6173	proteomics_stat	4155938	4156003	+	2	3	R.CQEAAQQGYANATELADYLVAK.G	26
PSTAT+6174	proteomics_stat	4156019	4156063	+	2	51	R.EAHHIVGEAVVEAIR.Q	19
PSTAT+6175	proteomics_stat	4156064	4156108	+	2	6	R.QGKPLEDLPLSELQK.F	19
PSTAT+6176	proteomics_stat	4156109	4156174	+	2	6	K.FSQVIDEDVYPILSLQSCDKR.A	26
PSTAT+6177	proteomics_stat	4156184	4156237	+	2	15	K.GGVSPQQVAQAIFAQAR.L	22
PSTAT+6178	proteomics_stat	4156525	4156560	+	1	3	R.DLEYLVALAEHR.H	16
PSTAT+6179	proteomics_stat	4156573	4156623	+	1	5	R.AADSCHVSQPTLSGQIR.K	21
PSTAT+6180	proteomics_stat	4156624	4156662	+	1	2	R.KLEDELGVMLLER.T	17
PSTAT+6181	proteomics_stat	4157083	4157115	+	1	2	K.LLMLEDGHCLR.D	15
PSTAT+6182	proteomics_stat	4157197	4157259	+	1	4	R.NMVAAGSGITLLPALAVPPER.K	25
PSTAT+6183	proteomics_stat	4157266	4157307	+	1	2	R.DGVVYLPCIKPEPR.R	18
PSTAT+6184	proteomics_stat	4157350	4157382	+	1	11	R.SRYEQLAEAIR.A	15
PSTAT+6185	proteomics_stat	4159306	4159359	+	1	2	R.DVDELGLTMVDESGLMLR.Q	22
PSTAT+6186	proteomics_stat	4159414	4159467	+	1	4	R.TSVSTFMEFIGNPNNAFR.L	22
PSTAT+6187	proteomics_stat	4161866	4161928	+	2	2	R.LPGVDITQNGGSGQLSSIFIR.G	25
PSTAT+6188	proteomics_stat	4161929	4161973	+	2	6	R.GTNASHVLVLIDGVR.L	19
PSTAT+6189	proteomics_stat	4161974	4162039	+	2	2	R.LNLAGVSGSADLSQFPIALVQR.V	26
PSTAT+6190	proteomics_stat	4162064	4162120	+	2	2	R.SAVYGSDAIGGVVNIITR.D	23
PSTAT+6191	proteomics_stat	4162121	4162210	+	2	8	R.DEPGTEISAGWGSNSYQNYDVSTQQQLGDK.T	34
PSTAT+6192	proteomics_stat	4162322	4162378	+	2	4	K.TLYGALEHNFTDAWSGFVR.G	23
PSTAT+6193	proteomics_stat	4162400	4162450	+	2	2	R.TNYDAYYSPGSPLLDTR.K	21
PSTAT+6194	proteomics_stat	4162508	4162540	+	2	5	K.SQLITSYSHSK.D	15
PSTAT+6195	proteomics_stat	4162571	4162603	+	2	3	R.YDSSATLDEM.K.Q	15
PSTAT+6196	proteomics_stat	4162679	4162729	+	2	6	K.QTTTTPGTYVEDGYDQR.N	21
PSTAT+6197	proteomics_stat	4162796	4162822	+	2	3	R.SDDNSQFGR.H	13
PSTAT+6198	proteomics_stat	4162970	4163017	+	2	2	K.QWEGAFEGLTAGVNW.R.I	20
PSTAT+6199	proteomics_stat	4163033	4163077	+	2	2	R.NDVSDLIDYDDHTLK.Y	19
PSTAT+6200	proteomics_stat	4163102	4163182	+	2	2	R.IKGVEATANFDTGPLTHTVSYDYVDAR.N	31

PSTAT+6201	proteomics_stat	4163342	4163407	+	2	2	K.MGGVSLWDLAVAYPVTSHLTVR.G	26
PSTAT+6202	proteomics_stat	4163574	4163639	+	3	2	R.HLLPDLHYIYAFDNVAFPYGEK.S	26
PSTAT+6203	proteomics_stat	4163967	4164005	+	3	2	K.LHGEDVSLDALKR.I	17
PSTAT+6204	proteomics_stat	4164027	4164119	+	3	6	R.MKEPPDTPVVLGCTHFPLLQEELLQVLPEGTR.L	35
PSTAT+6205	proteomics_stat	4174042	4174080	+	1	203	K.TTLTAAITTVLAK.T	17
PSTAT+6206	proteomics_stat	4174042	4174080	+	1	203	K.TTLTAAITTVLAK.T	17
PSTAT+6207	proteomics_stat	4174102	4174137	+	1	17	R.AFDQIDNAPEEK.A	16
PSTAT+6208	proteomics_stat	4174102	4174137	+	1	17	R.AFDQIDNAPEEK.A	16
PSTAT+6209	proteomics_stat	4174105	4174137	+	1	4	A.FDQIDNAPEEK.A	15
PSTAT+6210	proteomics_stat	4174105	4174137	+	1	4	A.FDQIDNAPEEK.A	15
PSTAT+6211	proteomics_stat	4174144	4174191	+	1	245	R.GITINTSHVEYDTPTR.H	20
PSTAT+6212	proteomics_stat	4174144	4174191	+	1	245	R.GITINTSHVEYDTPTR.H	20
PSTAT+6213	proteomics_stat	4174144	4174194	+	1	3	R.GITINTSHVEYDTPTRH.Y	21
PSTAT+6214	proteomics_stat	4174144	4174194	+	1	3	R.GITINTSHVEYDTPTRH.Y	21
PSTAT+6215	proteomics_stat	4174147	4174191	+	1	7	G.ITINTSHVEYDTPTR.H	19
PSTAT+6216	proteomics_stat	4174147	4174191	+	1	7	G.ITINTSHVEYDTPTR.H	19
PSTAT+6217	proteomics_stat	4174150	4174191	+	1	10	I.TINTSHVEYDTPTR.H	18
PSTAT+6218	proteomics_stat	4174150	4174191	+	1	10	I.TINTSHVEYDTPTR.H	18
PSTAT+6219	proteomics_stat	4174153	4174191	+	1	9	T.INTSHVEYDTPTR.H	17
PSTAT+6220	proteomics_stat	4174153	4174191	+	1	9	T.INTSHVEYDTPTR.H	17
PSTAT+6221	proteomics_stat	4174156	4174191	+	1	5	I.NTSHVEYDTPTR.H	16
PSTAT+6222	proteomics_stat	4174156	4174191	+	1	5	I.NTSHVEYDTPTR.H	16
PSTAT+6223	proteomics_stat	4174159	4174191	+	1	8	N.TSHVEYDTPTR.H	15
PSTAT+6224	proteomics_stat	4174159	4174191	+	1	8	N.TSHVEYDTPTR.H	15
PSTAT+6225	proteomics_stat	4174162	4174191	+	1	9	T.SHVEYDTPTR.H	14
PSTAT+6226	proteomics_stat	4174162	4174191	+	1	9	T.SHVEYDTPTR.H	14
PSTAT+6227	proteomics_stat	4174165	4174191	+	1	3	S.HVEYDTPTR.H	13
PSTAT+6228	proteomics_stat	4174165	4174191	+	1	3	S.HVEYDTPTR.H	13
PSTAT+6229	proteomics_stat	4174192	4174236	+	1	117	R.HYAHVDCPGHADYVK.N	19
PSTAT+6230	proteomics_stat	4174192	4174236	+	1	117	R.HYAHVDCPGHADYVK.N	19
PSTAT+6231	proteomics_stat	4174192	4174224	+	1	2	R.HYAHVDCPGHA.D	15
PSTAT+6232	proteomics_stat	4174192	4174224	+	1	2	R.HYAHVDCPGHA.D	15
PSTAT+6233	proteomics_stat	4174195	4174236	+	1	9	H.YAHVDCPGHADYVK.N	18
PSTAT+6234	proteomics_stat	4174195	4174236	+	1	9	H.YAHVDCPGHADYVK.N	18
PSTAT+6235	proteomics_stat	4174198	4174236	+	1	3	Y.AHVDCPGHADYVK.N	17
PSTAT+6236	proteomics_stat	4174198	4174236	+	1	3	Y.AHVDCPGHADYVK.N	17
PSTAT+6237	proteomics_stat	4174204	4174236	+	1	7	H.VDCPGHADYVK.N	15
PSTAT+6238	proteomics_stat	4174204	4174236	+	1	7	H.VDCPGHADYVK.N	15
PSTAT+6239	proteomics_stat	4174210	4174236	+	1	3	D.CPGHADYVK.N	13
PSTAT+6240	proteomics_stat	4174210	4174236	+	1	3	D.CPGHADYVK.N	13
PSTAT+6241	proteomics_stat	4174237	4174317	+	1	2507	K.NMITGAAQMDGAILVVAATDGPMPQTR.E	31
PSTAT+6242	proteomics_stat	4174237	4174317	+	1	2507	K.NMITGAAQMDGAILVVAATDGPMPQTR.E	31
PSTAT+6243	proteomics_stat	4174318	4174338	+	1	19	R.EHILLGR.Q	11
PSTAT+6244	proteomics_stat	4174318	4174338	+	1	19	R.EHILLGR.Q	11
PSTAT+6245	proteomics_stat	4174318	4174341	+	1	2	R.EHILLGRQ.V	12
PSTAT+6246	proteomics_stat	4174318	4174341	+	1	2	R.EHILLGRQ.V	12

PSTAT+6247	proteomics_stat	4174336	4174377	+	1	13	G.RQVGVPYIIVFLNK.C	18
PSTAT+6248	proteomics_stat	4174336	4174377	+	1	13	G.RQVGVPYIIVFLNK.C	18
PSTAT+6249	proteomics_stat	4174339	4174377	+	1	90	R.QVGVPYIIVFLNK.C	17
PSTAT+6250	proteomics_stat	4174339	4174377	+	1	90	R.QVGVPYIIVFLNK.C	17
PSTAT+6251	proteomics_stat	4174378	4174431	+	1	29	K.CDMVDDEELLELVEMEV.R	22
PSTAT+6252	proteomics_stat	4174378	4174431	+	1	29	K.CDMVDDEELLELVEMEV.R	22
PSTAT+6253	proteomics_stat	4174432	4174482	+	1	158	R.ELLSQYDFPGDDTPIVR.G	21
PSTAT+6254	proteomics_stat	4174432	4174482	+	1	158	R.ELLSQYDFPGDDTPIVR.G	21
PSTAT+6255	proteomics_stat	4174435	4174482	+	1	4	E.LLSQYDFPGDDTPIVR.G	20
PSTAT+6256	proteomics_stat	4174435	4174482	+	1	4	E.LLSQYDFPGDDTPIVR.G	20
PSTAT+6257	proteomics_stat	4174438	4174482	+	1	5	L.LSQYDFPGDDTPIVR.G	19
PSTAT+6258	proteomics_stat	4174438	4174482	+	1	5	L.LSQYDFPGDDTPIVR.G	19
PSTAT+6259	proteomics_stat	4174441	4174482	+	1	3	L.SQYDFPGDDTPIVR.G	18
PSTAT+6260	proteomics_stat	4174441	4174482	+	1	3	L.SQYDFPGDDTPIVR.G	18
PSTAT+6261	proteomics_stat	4174483	4174530	+	1	2	R.GSALKALEGDAEWEAK.I	20
PSTAT+6262	proteomics_stat	4174483	4174530	+	1	2	R.GSALKALEGDAEWEAK.I	20
PSTAT+6263	proteomics_stat	4174498	4174530	+	1	33	K.ALEGDAEWEAK.I	15
PSTAT+6264	proteomics_stat	4174498	4174530	+	1	33	K.ALEGDAEWEAK.I	15
PSTAT+6265	proteomics_stat	4174501	4174530	+	1	3	A.LEGDAEWEAK.I	14
PSTAT+6266	proteomics_stat	4174501	4174530	+	1	3	A.LEGDAEWEAK.I	14
PSTAT+6267	proteomics_stat	4174504	4174530	+	1	2	L.EGDAEWEAK.I	13
PSTAT+6268	proteomics_stat	4174504	4174530	+	1	2	L.EGDAEWEAK.I	13
PSTAT+6269	proteomics_stat	4174528	4174581	+	1	19	A.KILELAGFLDSYIPEPER.A	22
PSTAT+6270	proteomics_stat	4174528	4174581	+	1	19	A.KILELAGFLDSYIPEPER.A	22
PSTAT+6271	proteomics_stat	4174531	4174581	+	1	648	K.ILELAGFLDSYIPEPER.A	21
PSTAT+6272	proteomics_stat	4174531	4174581	+	1	648	K.ILELAGFLDSYIPEPER.A	21
PSTAT+6273	proteomics_stat	4174534	4174581	+	1	21	I.LELAGFLDSYIPEPER.A	20
PSTAT+6274	proteomics_stat	4174534	4174581	+	1	21	I.LELAGFLDSYIPEPER.A	20
PSTAT+6275	proteomics_stat	4174537	4174581	+	1	6	L.ELAGFLDSYIPEPER.A	19
PSTAT+6276	proteomics_stat	4174537	4174581	+	1	6	L.ELAGFLDSYIPEPER.A	19
PSTAT+6277	proteomics_stat	4174540	4174581	+	1	2	E.LAGFLDSYIPEPER.A	18
PSTAT+6278	proteomics_stat	4174540	4174581	+	1	2	E.LAGFLDSYIPEPER.A	18
PSTAT+6279	proteomics_stat	4174579	4174638	+	1	9	E.RAIDKPFLLPIEDVFSISGR.G	24
PSTAT+6280	proteomics_stat	4174579	4174638	+	1	9	E.RAIDKPFLLPIEDVFSISGR.G	24
PSTAT+6281	proteomics_stat	4174582	4174638	+	1	314	R.AIDKPFLLPIEDVFSISGR.G	23
PSTAT+6282	proteomics_stat	4174582	4174638	+	1	314	R.AIDKPFLLPIEDVFSISGR.G	23
PSTAT+6283	proteomics_stat	4174585	4174638	+	1	5	A.IDKPFLLPIEDVFSISGR.G	22
PSTAT+6284	proteomics_stat	4174585	4174638	+	1	5	A.IDKPFLLPIEDVFSISGR.G	22
PSTAT+6285	proteomics_stat	4174588	4174638	+	1	5	I.DKPFLLPIEDVFSISGR.G	21
PSTAT+6286	proteomics_stat	4174588	4174638	+	1	5	I.DKPFLLPIEDVFSISGR.G	21
PSTAT+6287	proteomics_stat	4174591	4174638	+	1	5	D.KPFLLPIEDVFSISGR.G	20
PSTAT+6288	proteomics_stat	4174591	4174638	+	1	5	D.KPFLLPIEDVFSISGR.G	20
PSTAT+6289	proteomics_stat	4174594	4174638	+	1	6	K.PFLLPIEDVFSISGR.G	19
PSTAT+6290	proteomics_stat	4174594	4174638	+	1	6	K.PFLLPIEDVFSISGR.G	19
PSTAT+6291	proteomics_stat	4174681	4174713	+	1	112	K.VGEEVEIVGIK.E	15
PSTAT+6292	proteomics_stat	4174681	4174713	+	1	112	K.VGEEVEIVGIK.E	15



PSTAT+6293	proteomics_stat	4174681	4174725	+	1	84	K.VGEEVEIVGIKETQK.S	19
PSTAT+6294	proteomics_stat	4174681	4174725	+	1	84	K.VGEEVEIVGIKETQK.S	19
PSTAT+6295	proteomics_stat	4174723	4174755	+	1	12	Q.KSTCTGVEMFR.K	15
PSTAT+6296	proteomics_stat	4174723	4174755	+	1	12	Q.KSTCTGVEMFR.K	15
PSTAT+6297	proteomics_stat	4174726	4174755	+	1	16	K.STCTGVEMFR.K	14
PSTAT+6298	proteomics_stat	4174726	4174755	+	1	16	K.STCTGVEMFR.K	14
PSTAT+6299	proteomics_stat	4174726	4174758	+	1	7	K.STCTGVEMFRK.L	15
PSTAT+6300	proteomics_stat	4174726	4174758	+	1	7	K.STCTGVEMFRK.L	15
PSTAT+6301	proteomics_stat	4174756	4174776	+	1	7	R.KLLDEGR.A	11
PSTAT+6302	proteomics_stat	4174756	4174776	+	1	7	R.KLLDEGR.A	11
PSTAT+6303	proteomics_stat	4174774	4174806	+	1	4	G.RAGENVGVLLR.G	15
PSTAT+6304	proteomics_stat	4174774	4174806	+	1	4	G.RAGENVGVLLR.G	15
PSTAT+6305	proteomics_stat	4174777	4174806	+	1	13	R.AGENVGVLLR.G	14
PSTAT+6306	proteomics_stat	4174777	4174806	+	1	13	R.AGENVGVLLR.G	14
PSTAT+6307	proteomics_stat	4174816	4174833	+	1	3	K.REEIER.G	10
PSTAT+6308	proteomics_stat	4174816	4174833	+	1	3	K.REEIER.G	10
PSTAT+6309	proteomics_stat	4174816	4174833	+	1	3	K.REEIER.G	10
PSTAT+6310	proteomics_stat	4174834	4174872	+	1	11	R.GQVLAKPGTIKPH.T	17
PSTAT+6311	proteomics_stat	4174834	4174872	+	1	11	R.GQVLAKPGTIKPH.T	17
PSTAT+6312	proteomics_stat	4174834	4174878	+	1	2	R.GQVLAKPGTIKPHTK.F	19
PSTAT+6313	proteomics_stat	4174834	4174878	+	1	2	R.GQVLAKPGTIKPHTK.F	19
PSTAT+6314	proteomics_stat	4174834	4174908	+	1	20	R.GQVLAKPGTIKPHTKFESEVYILSK.D	29
PSTAT+6315	proteomics_stat	4174834	4174908	+	1	20	R.GQVLAKPGTIKPHTKFESEVYILSK.D	29
PSTAT+6316	proteomics_stat	4174834	4174866	+	1	7	R.GQVLAKPGTIK.P	15
PSTAT+6317	proteomics_stat	4174834	4174866	+	1	7	R.GQVLAKPGTIK.P	15
PSTAT+6318	proteomics_stat	4174852	4174878	+	1	2	K.PGTIKPHTK.F	13
PSTAT+6319	proteomics_stat	4174852	4174878	+	1	2	K.PGTIKPHTK.F	13
PSTAT+6320	proteomics_stat	4174855	4174923	+	1	2	P.GTIKPHTKFESEVYILSKDEGGR.H	27
PSTAT+6321	proteomics_stat	4174855	4174923	+	1	2	P.GTIKPHTKFESEVYILSKDEGGR.H	27
PSTAT+6322	proteomics_stat	4174873	4174908	+	1	30	H.TKFESEVYILSK.D	16
PSTAT+6323	proteomics_stat	4174873	4174908	+	1	30	H.TKFESEVYILSK.D	16
PSTAT+6324	proteomics_stat	4174873	4174923	+	1	11	H.TKFESEVYILSKDEGGR.H	21
PSTAT+6325	proteomics_stat	4174873	4174923	+	1	11	H.TKFESEVYILSKDEGGR.H	21
PSTAT+6326	proteomics_stat	4174879	4174908	+	1	92	K.FESEVYILSK.D	14
PSTAT+6327	proteomics_stat	4174879	4174908	+	1	92	K.FESEVYILSK.D	14
PSTAT+6328	proteomics_stat	4174879	4174923	+	1	71	K.FESEVYILSKDEGGR.H	19
PSTAT+6329	proteomics_stat	4174879	4174923	+	1	71	K.FESEVYILSKDEGGR.H	19
PSTAT+6330	proteomics_stat	4174882	4174908	+	1	2	F.ESEVYILSK.D	13
PSTAT+6331	proteomics_stat	4174882	4174908	+	1	2	F.ESEVYILSK.D	13
PSTAT+6332	proteomics_stat	4174882	4174923	+	1	4	F.ESEVYILSKDEGGR.H	18
PSTAT+6333	proteomics_stat	4174882	4174923	+	1	4	F.ESEVYILSKDEGGR.H	18
PSTAT+6334	proteomics_stat	4174942	4174968	+	1	7	K.GYRPQFYFR.T	13
PSTAT+6335	proteomics_stat	4174942	4174968	+	1	7	K.GYRPQFYFR.T	13
PSTAT+6336	proteomics_stat	4174942	4174962	+	1	2	K.GYRPQFY.F	11
PSTAT+6337	proteomics_stat	4174942	4174962	+	1	2	K.GYRPQFY.F	11
PSTAT+6338	proteomics_stat	4174948	4174968	+	1	2	Y.RPQFYFR.T	11

PSTAT+6339	proteomics_stat	4174948	4174968	+	1	2	Y.RPQFYFR.T	11
PSTAT+6340	proteomics_stat	4174969	4175040	+	1	180	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PSTAT+6341	proteomics_stat	4174969	4175040	+	1	180	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PSTAT+6342	proteomics_stat	4174969	4175043	+	1	2	R.TTDVTGTIELPEGVEMVMPGDNIK.M.V	29
PSTAT+6343	proteomics_stat	4174969	4175043	+	1	2	R.TTDVTGTIELPEGVEMVMPGDNIK.M.V	29
PSTAT+6344	proteomics_stat	4174975	4175040	+	1	6	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PSTAT+6345	proteomics_stat	4174975	4175040	+	1	6	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PSTAT+6346	proteomics_stat	4174999	4175040	+	1	3	L.PEGVEMVMPGDNIK.M	18
PSTAT+6347	proteomics_stat	4174999	4175040	+	1	3	L.PEGVEMVMPGDNIK.M	18
PSTAT+6348	proteomics_stat	4175038	4175088	+	1	15	I.KMVVTLIHPIAMDDGLR.F	21
PSTAT+6349	proteomics_stat	4175038	4175088	+	1	15	I.KMVVTLIHPIAMDDGLR.F	21
PSTAT+6350	proteomics_stat	4175041	4175088	+	1	109	K.MVVTLIHPIAMDDGLR.F	20
PSTAT+6351	proteomics_stat	4175041	4175088	+	1	109	K.MVVTLIHPIAMDDGLR.F	20
PSTAT+6352	proteomics_stat	4175044	4175088	+	1	2	M.VVTLIHPIAMDDGLR.F	19
PSTAT+6353	proteomics_stat	4175044	4175088	+	1	2	M.VVTLIHPIAMDDGLR.F	19
PSTAT+6354	proteomics_stat	4175047	4175088	+	1	4	V.VTLIHPIAMDDGLR.F	18
PSTAT+6355	proteomics_stat	4175047	4175088	+	1	4	V.VTLIHPIAMDDGLR.F	18
PSTAT+6356	proteomics_stat	4175050	4175088	+	1	4	V.TLIHPIAMDDGLR.F	17
PSTAT+6357	proteomics_stat	4175050	4175088	+	1	4	V.TLIHPIAMDDGLR.F	17
PSTAT+6358	proteomics_stat	4175053	4175088	+	1	4	T.LIHPIAMDDGLR.F	16
PSTAT+6359	proteomics_stat	4175053	4175088	+	1	4	T.LIHPIAMDDGLR.F	16
PSTAT+6360	proteomics_stat	4175056	4175088	+	1	3	L.IHPIAMDDGLR.F	15
PSTAT+6361	proteomics_stat	4175056	4175088	+	1	3	L.IHPIAMDDGLR.F	15
PSTAT+6362	proteomics_stat	4175116	4175139	+	1	3	T.VGAGVVAK.V	12
PSTAT+6363	proteomics_stat	4175116	4175139	+	1	3	T.VGAGVVAK.V	12
PSTAT+6364	proteomics_stat	4175684	4175731	+	2	2	T.AVMSLILWGLDGILVR.L	20
PSTAT+6365	proteomics_stat	4175790	4175828	+	3	6	R.WYVVQAFSGFEGR.V	17
PSTAT+6366	proteomics_stat	4175859	4175924	+	3	6	K.LHNMEDLFGVEMVPTVEEVEIR.G	26
PSTAT+6367	proteomics_stat	4176030	4176107	+	3	9	R.VMGFIGGTS DRPAPISDKEVD AIMNR.L	30
PSTAT+6368	proteomics_stat	4176039	4176107	+	3	3	G.FIGGTS DRPAPISDKEVD AIMNR.L	27
PSTAT+6369	proteomics_stat	4176042	4176107	+	3	3	F.IGGTS DRPAPISDKEVD AIMNR.L	26
PSTAT+6370	proteomics_stat	4176042	4176083	+	3	2	F.IGGTS DRPAPISDK.E	18
PSTAT+6371	proteomics_stat	4176108	4176140	+	3	4	R.LQQVGDKPRPK.T	15
PSTAT+6372	proteomics_stat	4176108	4176134	+	3	4	R.LQQVGDKPR.P	13
PSTAT+6373	proteomics_stat	4176141	4176170	+	3	3	K.TLFEPGEMVR.V	14
PSTAT+6374	proteomics_stat	4176171	4176230	+	3	7	R.VNDGPFADFN GVVVEVDYK.S	24
PSTAT+6375	proteomics_stat	4176267	4176308	+	3	4	R.ATPVELDFSQVEKA.-	18
PSTAT+6376	proteomics_stat	4176623	4176664	+	2	26	K.GLPIVVITVYADR.S	18
PSTAT+6377	proteomics_stat	4176686	4176715	+	2	4	K.TPPAAVLLK.K.A	14
PSTAT+6378	proteomics_stat	4176686	4176712	+	2	3	K.TPPAAVLLK.K	13
PSTAT+6379	proteomics_stat	4176779	4176808	+	2	14	R.AQLQEIAQTK.A	14
PSTAT+6380	proteomics_stat	4176809	4176850	+	2	24	K.AADMTGADIEAMTR.S	18
PSTAT+6381	proteomics_stat	4176812	4176850	+	2	3	A.ADMTGADIEAMTR.S	17
PSTAT+6382	proteomics_stat	4176815	4176850	+	2	5	A.DMTGADIEAMTR.S	16
PSTAT+6383	proteomics_stat	4176959	4176994	+	2	10	K.QYDINEAIALLK.E	16
PSTAT+6384	proteomics_stat	4176962	4176994	+	2	2	Q.YDINEAIALLK.E	15

PSTAT+6385	proteomics_stat	4177013	4177060	+	2	350	K.FVESVDVAVNLGIDAR.K	20
PSTAT+6386	proteomics_stat	4177082	4177114	+	2	10	R.GATVLPHTGR.S	15
PSTAT+6387	proteomics_stat	4177121	4177165	+	2	3	V.RVAVFTQGANAEEAAK.A	19
PSTAT+6388	proteomics_stat	4177124	4177165	+	2	26	R.VAVFTQGANAEEAAK.A	18
PSTAT+6389	proteomics_stat	4177163	4177216	+	2	2	A.KAAGAELVGMEDLADQIK.K	22
PSTAT+6390	proteomics_stat	4177166	4177216	+	2	30	K.AAGAELVGMEDLADQIK.K	21
PSTAT+6391	proteomics_stat	4177166	4177219	+	2	7	K.AAGAELVGMEDLADQIKK.G	22
PSTAT+6392	proteomics_stat	4177217	4177267	+	2	50	K.KGEMNFDVVIASPDAMR.V	21
PSTAT+6393	proteomics_stat	4177220	4177267	+	2	7	K.GEMNFDVVIASPDAMR.V	20
PSTAT+6394	proteomics_stat	4177268	4177303	+	2	15	R.VVGQLGQVLGPR.G	16
PSTAT+6395	proteomics_stat	4177271	4177303	+	2	4	V.VGQLGQVLGPR.G	15
PSTAT+6396	proteomics_stat	4177274	4177303	+	2	2	V.GQLGQVLGPR.G	14
PSTAT+6397	proteomics_stat	4177304	4177324	+	2	3	R.GLMPNPK.V	11
PSTAT+6398	proteomics_stat	4177325	4177363	+	2	5	K.VGTVTPNVAEAVK.N	17
PSTAT+6399	proteomics_stat	4177403	4177432	+	2	22	K.NGIHHTTIGK.V	14
PSTAT+6400	proteomics_stat	4177430	4177492	+	2	2	G.KVDFDADKLENLEALLVALK.K	25
PSTAT+6401	proteomics_stat	4177433	4177492	+	2	72	K.VDFDADKLENLEALLVALK.K	24
PSTAT+6402	proteomics_stat	4177433	4177495	+	2	42	K.VDFDADKLENLEALLVALKK.A	25
PSTAT+6403	proteomics_stat	4177433	4177459	+	2	6	K.VDFDADKLE	13
PSTAT+6404	proteomics_stat	4177454	4177495	+	2	6	K.LKENLEALLVALKK.A	18
PSTAT+6405	proteomics_stat	4177454	4177492	+	2	18	K.LKENLEALLVALK.K	17
PSTAT+6406	proteomics_stat	4177460	4177492	+	2	2	K.ENLEALLVALK.K	15
PSTAT+6407	proteomics_stat	4177460	4177495	+	2	4	K.ENLEALLVALKK.A	16
PSTAT+6408	proteomics_stat	4177532	4177603	+	2	164	K.KVSISTTMGAGVAVDQAGLSASVN.-	28
PSTAT+6409	proteomics_stat	4178043	4178078	+	3	11	K.QAIVAEVSEVAK.G	16
PSTAT+6410	proteomics_stat	4178079	4178111	+	3	13	K.GALSAVVADSR.G	15
PSTAT+6411	proteomics_stat	4178112	4178144	+	3	2	R.GVTVDKMTCLR.K	15
PSTAT+6412	proteomics_stat	4178202	4178300	+	3	20	R.RAVEGTPFECLKDAFVGPTLIAYSMEHPGAAAR.L	37
PSTAT+6413	proteomics_stat	4178202	4178237	+	3	17	R.RAVEGTPFECLK.D	16
PSTAT+6414	proteomics_stat	4178202	4178270	+	3	3	R.RAVEGTPFECLKDAFVGPTLIAY.S	27
PSTAT+6415	proteomics_stat	4178205	4178300	+	3	18	R.AVEGTPFECLKDAFVGPTLIAYSMEHPGAAAR.L	36
PSTAT+6416	proteomics_stat	4178205	4178237	+	3	5	R.AVEGTPFECLK.D	15
PSTAT+6417	proteomics_stat	4178205	4178270	+	3	2	R.AVEGTPFECLKDAFVGPTLIAY.S	26
PSTAT+6418	proteomics_stat	4178238	4178300	+	3	35	K.DAFVGPTLIAYSMEHPGAAAR.L	25
PSTAT+6419	proteomics_stat	4178247	4178300	+	3	3	F.VGPTLIAYSMEHPGAAAR.L	22
PSTAT+6420	proteomics_stat	4178250	4178300	+	3	2	V.GPTLIAYSMEHPGAAAR.L	21
PSTAT+6421	proteomics_stat	4178271	4178300	+	3	11	Y.SMEHPGAAAR.L	14
PSTAT+6422	proteomics_stat	4178346	4178393	+	3	7	K.AAAFEGELIPASQIDR.L	20
PSTAT+6423	proteomics_stat	4178394	4178432	+	3	13	R.LATLPTYEEAIAR.L	17
PSTAT+6424	proteomics_stat	4178397	4178432	+	3	2	L.ATLPTYEEAIAR.L	16
PSTAT+6425	proteomics_stat	4178673	4178762	+	3	1043	K.FGVSAAA AVAAGPVEAAEEKTEFDVILK.A	34
PSTAT+6426	proteomics_stat	4178673	4178738	+	3	199	K.FGVSAAA AVAAGPVEAAEEK.T	26
PSTAT+6427	proteomics_stat	4178703	4178762	+	3	2	A.VAAGPVEAAEEKTEFDVILK.A	24
PSTAT+6428	proteomics_stat	4178709	4178762	+	3	2	A.AGPVEAAEEKTEFDVILK.A	22
PSTAT+6429	proteomics_stat	4178712	4178762	+	3	12	A.GPVEAAEEKTEFDVILK.A	21
PSTAT+6430	proteomics_stat	4178739	4178762	+	3	3	K.TEFDVILK.A	12

PSTAT+6431	proteomics_stat	4178805	4178828	+	3	4	R.GATGLGLK.E	12
PSTAT+6432	proteomics_stat	4178829	4178870	+	3	5	K.EAKDLVESAPAALK.E	18
PSTAT+6433	proteomics_stat	4178838	4178909	+	3	18	K.DLVESAPAALKEGVSKDDAEALKK.A	28
PSTAT+6434	proteomics_stat	4178838	4178870	+	3	23	K.DLVESAPAALK.E	15
PSTAT+6435	proteomics_stat	4178838	4178885	+	3	7	K.DLVESAPAALKEGVSK.D	20
PSTAT+6436	proteomics_stat	4178838	4178906	+	3	2	K.DLVESAPAALKEGVSKDDAEALK.K	27
PSTAT+6437	proteomics_stat	4178871	4178909	+	3	47	K.EGVSKDDAEALKK.A	17
PSTAT+6438	proteomics_stat	4178871	4178906	+	3	6	K.EGVSKDDAEALK.K	16
PSTAT+6439	proteomics_stat	4178886	4178909	+	3	3	K.DDAEALKK.A	12
PSTAT+6440	proteomics_stat	4178886	4178906	+	3	2	K.DDAEALK.K	11
PSTAT+6441	proteomics_stat	4178907	4178945	+	3	4	K.KALEEAGAEVEVK.-	17
PSTAT+6442	proteomics_stat	4178910	4178945	+	3	68	K.ALEEAGAEVEVK.-	16
PSTAT+6443	proteomics_stat	4179307	4179378	+	1	6	K.DFGKRPQVLDVPYLLSIQLDSFQK.F	28
PSTAT+6444	proteomics_stat	4179319	4179378	+	1	27	K.RPQVLDVPYLLSIQLDSFQK.F	24
PSTAT+6445	proteomics_stat	4179379	4179429	+	1	7	K.FIEQDPEGQYGLEAAFR.S	21
PSTAT+6446	proteomics_stat	4179430	4179489	+	1	4	R.SVFPIQSYSGNSELQYVSYR.L	24
PSTAT+6447	proteomics_stat	4179490	4179531	+	1	5	R.LGEPVFDVQECQIR.G	18
PSTAT+6448	proteomics_stat	4179532	4179558	+	1	3	R.GVTYSAPLR.V	13
PSTAT+6449	proteomics_stat	4179613	4179696	+	1	2	K.DIKEQEVYMGEIPLMTDNGTFVINGTER.V	32
PSTAT+6450	proteomics_stat	4179622	4179696	+	1	7	K.EQEVYMGEIPLMTDNGTFVINGTER.V	29
PSTAT+6451	proteomics_stat	4179721	4179756	+	1	8	R.SPGVFFDSDK GK.T	16
PSTAT+6452	proteomics_stat	4179808	4179840	+	1	4	R.GSWLDFEFDPK.D	15
PSTAT+6453	proteomics_stat	4179808	4179858	+	1	2	R.GSWLDFEFDPKDNLFVR.I	21
PSTAT+6454	proteomics_stat	4179901	4179948	+	1	68	R.ALNYTTEQILDLF FEK.V	20
PSTAT+6455	proteomics_stat	4179967	4180002	+	1	2	R.DNKLQ MELVPER.L	16
PSTAT+6456	proteomics_stat	4180003	4180047	+	1	30	R.LRGETASFDIEANGK.V	19
PSTAT+6457	proteomics_stat	4180117	4180152	+	1	3	K.LIEVPVEYIAGK.V	16
PSTAT+6458	proteomics_stat	4180165	4180239	+	1	71	K.DYIDESTGELICANMELSLDLLAK.L	29
PSTAT+6459	proteomics_stat	4180261	4180323	+	1	17	K.RIETLFTNDLDHGPYISETLR.V	25
PSTAT+6460	proteomics_stat	4180264	4180323	+	1	7	R.IETLFTNDLDHGPYISETLR.V	24
PSTAT+6461	proteomics_stat	4180402	4180473	+	1	10	R.EAAESLFENLFFSEDRYDLSAVGR.M	28
PSTAT+6462	proteomics_stat	4180402	4180449	+	1	3	R.EAAESLFENLFFSEDR.Y	20
PSTAT+6463	proteomics_stat	4180489	4180560	+	1	14	R.SLLREEIEGSGILSKDDIIDVMKK.L	28
PSTAT+6464	proteomics_stat	4180489	4180557	+	1	15	R.SLLREEIEGSGILSKDDIIDVMK.K	27
PSTAT+6465	proteomics_stat	4180489	4180533	+	1	8	R.SLLREEIEGSGILSK.D	19
PSTAT+6466	proteomics_stat	4180534	4180557	+	1	2	K.DDIIDVMK.K	12
PSTAT+6467	proteomics_stat	4180576	4180620	+	1	13	R.NGKGEVDDIDHLGNR.R	19
PSTAT+6468	proteomics_stat	4180630	4180662	+	1	5	R.SVGEMAENQFR.V	15
PSTAT+6469	proteomics_stat	4180696	4180776	+	1	2	K.ERLSGLDLDLMPQDMINAKPISAAVK.E	31
PSTAT+6470	proteomics_stat	4180702	4180776	+	1	12	R.LSLGLDLDLMPQDMINAKPISAAVK.E	29
PSTAT+6471	proteomics_stat	4180702	4180755	+	1	2	R.LSLGLDLDLMPQDMINAK.P	22
PSTAT+6472	proteomics_stat	4180777	4180848	+	1	11	K.EFFGSSQLSQFMDQNNPLSEITHK.R	28
PSTAT+6473	proteomics_stat	4180777	4180851	+	1	6	K.EFFGSSQLSQFMDQNNPLSEITHKR.R	29
PSTAT+6474	proteomics_stat	4180855	4180887	+	1	5	R.ISALGPGGLTR.E	15
PSTAT+6475	proteomics_stat	4180939	4181043	+	1	6	R.VCPIETPEGPNIGLINSLSVYAQTNEYGFLETPYR.K	39
PSTAT+6476	proteomics_stat	4180939	4181046	+	1	2	R.VCPIETPEGPNIGLINSLSVYAQTNEYGFLETPYR.V	40

PSTAT+6477	proteomics_stat	4181179	4181208	+	1	3	R.SKGESSLFSR.D	14
PSTAT+6478	proteomics_stat	4181182	4181208	+	1	2	S.KGESSLFSR.D	13
PSTAT+6479	proteomics_stat	4181209	4181301	+	1	26	R.DQVDYMDVSTQQVSVGASLIPFLEHDDANR.A	35
PSTAT+6480	proteomics_stat	4181302	4181328	+	1	2	R.ALMGANMQR.Q	13
PSTAT+6481	proteomics_stat	4181350	4181385	+	1	7	R.ADKPLVGTGMER.A	16
PSTAT+6482	proteomics_stat	4181386	4181424	+	1	6	R.AVAVDSGVTAVAK.R	17
PSTAT+6483	proteomics_stat	4181425	4181460	+	1	13	K.RGGVVQYVDASR.I	16
PSTAT+6484	proteomics_stat	4181428	4181460	+	1	4	R.GGVVQYVDASR.I	15
PSTAT+6485	proteomics_stat	4181461	4181532	+	1	3	R.IVIKVNEDEMPGEAGIDIYNLTK.Y	28
PSTAT+6486	proteomics_stat	4181473	4181532	+	1	4	K.VNEDEMPGEAGIDIYNLTK.Y	24
PSTAT+6487	proteomics_stat	4181605	4181670	+	1	3	R.GDVLADGPSTDLGELALGQNMR.V	26
PSTAT+6488	proteomics_stat	4181671	4181730	+	1	17	R.VAFMPWNGYNFEDSILVSR.V	24
PSTAT+6489	proteomics_stat	4181749	4181790	+	1	20	R.FTTIHIQELACVSR.D	18
PSTAT+6490	proteomics_stat	4181800	4181859	+	1	8	K.LGP EEITADIPNVGEAALSK.L	24
PSTAT+6491	proteomics_stat	4181926	4181967	+	1	2	K.VTPKGETQLTPEEK.L	18
PSTAT+6492	proteomics_stat	4181938	4181967	+	1	6	K.GETQLTPEEK.L	14
PSTAT+6493	proteomics_stat	4181995	4182024	+	1	3	K.ASDVKDSSLR.V	14
PSTAT+6494	proteomics_stat	4182010	4182075	+	1	2	K.DSSLRVPNGVSGTVIDVQVFTR.D	26
PSTAT+6495	proteomics_stat	4182025	4182075	+	1	22	R.VPNGVSGTVIDVQVFTR.D	21
PSTAT+6496	proteomics_stat	4182100	4182129	+	1	2	R.ALEIEEMQLK.Q	14
PSTAT+6497	proteomics_stat	4182139	4182189	+	1	43	K.KDLSEELQILEAGLFSR.I	21
PSTAT+6498	proteomics_stat	4182142	4182189	+	1	27	K.DLSEELQILEAGLFSR.I	20
PSTAT+6499	proteomics_stat	4182196	4182249	+	1	9	R.AVLVAGGVEAEKLDKLP.R.D	22
PSTAT+6500	proteomics_stat	4182196	4182240	+	1	7	R.AVLVAGGVEAEKLDK.L	19
PSTAT+6501	proteomics_stat	4182196	4182231	+	1	3	R.AVLVAGGVEAEK.L	16
PSTAT+6502	proteomics_stat	4182250	4182288	+	1	2	R.DRWLELGLTDEEK.Q	17
PSTAT+6503	proteomics_stat	4182289	4182348	+	1	4	K.QNQLEQLAEQYDELKHEFEK.K	24
PSTAT+6504	proteomics_stat	4182370	4182411	+	1	8	R.KITQGDDLAPGVLK.I	18
PSTAT+6505	proteomics_stat	4182373	4182411	+	1	4	K.ITQGDDLAPGVLK.I	17
PSTAT+6506	proteomics_stat	4182502	4182585	+	1	16	K.INPIEDMPYDENGTPVDIVLNPLGVPSR.M	32
PSTAT+6507	proteomics_stat	4182586	4182633	+	1	31	R.MNIGQILETHLGMAAK.G	20
PSTAT+6508	proteomics_stat	4182634	4182666	+	1	5	K.GIGDKINAMLK.Q	15
PSTAT+6509	proteomics_stat	4182709	4182735	+	1	5	R.AYDLGADVR.Q	13
PSTAT+6510	proteomics_stat	4182736	4182780	+	1	7	R.QKVDLSTFSDEEVMR.L	19
PSTAT+6511	proteomics_stat	4182802	4182840	+	1	3	K.GMPIATPVFDGAK.E	17
PSTAT+6512	proteomics_stat	4182841	4182867	+	1	2	K.EAEIKELLK.L	13
PSTAT+6513	proteomics_stat	4182868	4182900	+	1	6	K.LGDLPTSGQIR.L	15
PSTAT+6514	proteomics_stat	4182916	4182969	+	1	9	R.TGEQFERPVTVGYMYMLK.L	22
PSTAT+6515	proteomics_stat	4182970	4182993	+	1	15	K.LNHLVDDK.M	12
PSTAT+6516	proteomics_stat	4183006	4183053	+	1	6	R.STGSYSLVTTQQPLGGK.A	20
PSTAT+6517	proteomics_stat	4183186	4183251	+	1	3	K.NIVDGNHQMEPGMPESFNVLLK.E	26
PSTAT+6518	proteomics_stat	4183400	4183435	+	2	2	K.AQTKTEEFDAIK.I	16
PSTAT+6519	proteomics_stat	4183412	4183435	+	2	2	K.TEEFDAIK.I	12
PSTAT+6520	proteomics_stat	4183436	4183465	+	2	2	K.IALASPD MIR.S	14
PSTAT+6521	proteomics_stat	4183466	4183489	+	2	2	R.SWSFGEVK.K	12
PSTAT+6522	proteomics_stat	4183466	4183513	+	2	2	R.SWSFGEVKKPETINYR.T	20

PSTAT+6523	proteomics_stat	4183490	4183513	+	2	3	K.KPETINYR.T	12
PSTAT+6524	proteomics_stat	4183571	4183594	+	2	4	K.DYECLCGK.Y	12
PSTAT+6525	proteomics_stat	4183634	4183660	+	2	2	K.CGVEVTQTK.V	13
PSTAT+6526	proteomics_stat	4183676	4183726	+	2	21	R.MGHIELASPTAHIWFLK.S	21
PSTAT+6527	proteomics_stat	4183676	4183723	+	2	3	R.MGHIELASPTAHIWFL.K	20
PSTAT+6528	proteomics_stat	4183841	4183909	+	2	9	R.QQILTEEQYLDALFEFGDEFDAK.M	27
PSTAT+6529	proteomics_stat	4183910	4183942	+	2	7	K.MGAEAIQALLK.S	15
PSTAT+6530	proteomics_stat	4183943	4184011	+	2	7	K.SMDLEQECEQLREELNETNSETK.R	27
PSTAT+6531	proteomics_stat	4183943	4184014	+	2	4	K.SMDLEQECEQLREELNETNSETKR.K	28
PSTAT+6532	proteomics_stat	4184150	4184182	+	2	4	R.FATSDLNDLYR.R	15
PSTAT+6533	proteomics_stat	4184213	4184251	+	2	3	K.RLLDLAAPDIIVR.N	17
PSTAT+6534	proteomics_stat	4184216	4184251	+	2	3	R.LLDLAAPDIIVR.N	16
PSTAT+6535	proteomics_stat	4184261	4184305	+	2	6	K.RMLQEAVDALLDNGR.R	19
PSTAT+6536	proteomics_stat	4184264	4184308	+	2	2	R.MLQEAVDALLDNGRR.G	19
PSTAT+6537	proteomics_stat	4184264	4184305	+	2	2	R.MLQEAVDALLDNGR.R	18
PSTAT+6538	proteomics_stat	4184408	4184428	+	2	8	K.RVDYSGR.S	11
PSTAT+6539	proteomics_stat	4184486	4184524	+	2	10	K.MALELFKPFYIGK.L	17
PSTAT+6540	proteomics_stat	4184582	4184623	+	2	13	R.EEAVVWDILDEVIR.E	18
PSTAT+6541	proteomics_stat	4184624	4184647	+	2	5	R.EHPVLLNR.A	12
PSTAT+6542	proteomics_stat	4184666	4184707	+	2	7	R.LGIQAFEPVliegK.A	18
PSTAT+6543	proteomics_stat	4184708	4184815	+	2	2	K.AIQLHPLVCAAYNADFDGDQMAVHVPLTLEAQLAR.A	40
PSTAT+6544	proteomics_stat	4184816	4184917	+	2	5	R.ALMMSTNNILSPANGAPIIVPSQDVVLGLYIMTR.D	38
PSTAT+6545	proteomics_stat	4184870	4184917	+	2	2	I.IVPSQDVVLGLYIMTR.D	20
PSTAT+6546	proteomics_stat	4185026	4185070	+	2	4	R.ITEYEKDANGELVAK.T	19
PSTAT+6547	proteomics_stat	4185044	4185070	+	2	2	K.DANGELVAK.T	13
PSTAT+6548	proteomics_stat	4185071	4185100	+	2	8	K.TSLKDTTVGR.A	14
PSTAT+6549	proteomics_stat	4185128	4185169	+	2	2	K.GLPYSIVNQALGKK.A	18
PSTAT+6550	proteomics_stat	4185128	4185166	+	2	6	K.GLPYSIVNQALGK.K	17
PSTAT+6551	proteomics_stat	4185275	4185322	+	2	7	R.SGASVGIDDMVIPEK.H	20
PSTAT+6552	proteomics_stat	4185275	4185319	+	2	2	R.SGASVGIDDMVIPEK.K	19
PSTAT+6553	proteomics_stat	4185320	4185406	+	2	41	K.KHEIIEAEAEVAEIQEQFQSGLVTAGER.Y	33
PSTAT+6554	proteomics_stat	4185323	4185406	+	2	31	K.HEIIEAEAEVAEIQEQFQSGLVTAGER.Y	32
PSTAT+6555	proteomics_stat	4185416	4185448	+	2	2	K.VIDIWAAANDR.V	15
PSTAT+6556	proteomics_stat	4185458	4185499	+	2	2	K.AMMDNLQTETVINR.D	18
PSTAT+6557	proteomics_stat	4185458	4185517	+	2	3	K.AMMDNLQTETVINRDGQEEK.Q	24
PSTAT+6558	proteomics_stat	4185518	4185565	+	2	2	K.QVSFNISYMMADSGAR.G	20
PSTAT+6559	proteomics_stat	4185605	4185664	+	2	10	R.GLMAKPDGSIETPITANFR.E	24
PSTAT+6560	proteomics_stat	4185665	4185712	+	2	24	R.EGLNVLQYFISTHGAR.K	20
PSTAT+6561	proteomics_stat	4185713	4185739	+	2	9	R.KGLADTALK.T	13
PSTAT+6562	proteomics_stat	4185740	4185766	+	2	2	K.TANSGYLTR.R	13
PSTAT+6563	proteomics_stat	4185899	4185952	+	2	18	R.VTAEDVLKPGTADILVPR.N	22
PSTAT+6564	proteomics_stat	4185953	4186015	+	2	12	R.NTLLHEQWCDLLEENSVDVAVK.V	25
PSTAT+6565	proteomics_stat	4186088	4186171	+	2	7	R.GHIINKGEAIGVIAAQSIGEPGTQTMTR.T	32
PSTAT+6566	proteomics_stat	4186106	4186171	+	2	4	K.GEAIGVIAAQSIGEPGTQTMTR.T	26
PSTAT+6567	proteomics_stat	4186202	4186231	+	2	2	R.AAAESSIQVK.N	14
PSTAT+6568	proteomics_stat	4186343	4186387	+	2	4	R.TKESYKVPYGAFLAK.G	19

PSTAT+6569	proteomics_stat	4186349	4186387	+	2	5	K.ESYKVPYGAVLAK.G	17
PSTAT+6570	proteomics_stat	4186388	4186441	+	2	2	K.GDGEQVAGGETVANWDPH.T	22
PSTAT+6571	proteomics_stat	4186388	4186480	+	2	6	K.GDGEQVAGGETVANWDPHTMPVITEVSGFVR.F	35
PSTAT+6572	proteomics_stat	4186481	4186516	+	2	4	R.FTDMIDGQTITR.Q	16
PSTAT+6573	proteomics_stat	4186490	4186573	+	2	2	D.MIDGQTITRQTDELTLGLSSLVVLDSAER.T	32
PSTAT+6574	proteomics_stat	4186517	4186573	+	2	14	R.QTDELTLGLSSLVVLDSAER.T	23
PSTAT+6575	proteomics_stat	4186574	4186609	+	2	3	R.TAGGKDLRPALK.I	16
PSTAT+6576	proteomics_stat	4186610	4186684	+	2	13	K.IVDAQGNDVLIPGTDMPAQYFLPGK.A	29
PSTAT+6577	proteomics_stat	4186685	4186741	+	2	66	K.AIVQLEDGVQISSGDTLAR.I	23
PSTAT+6578	proteomics_stat	4186793	4186816	+	2	2	R.VADLFEAR.R	12
PSTAT+6579	proteomics_stat	4186826	4186873	+	2	5	K.EPAILAEISGIVSFGK.E	20
PSTAT+6580	proteomics_stat	4186892	4186948	+	2	2	R.RLVITPVDGSDPYEEMIPK.W	23
PSTAT+6581	proteomics_stat	4186895	4186948	+	2	5	R.LVITPVDGSDPYEEMIPK.W	22
PSTAT+6582	proteomics_stat	4186955	4186981	+	2	3	R.QLNVFEGER.V	13
PSTAT+6583	proteomics_stat	4186982	4187038	+	2	7	R.VERGDVISDGPEAPHDILR.L	23
PSTAT+6584	proteomics_stat	4186991	4187038	+	2	5	R.GDVISDGPEAPHDILR.L	20
PSTAT+6585	proteomics_stat	4187066	4187098	+	2	3	R.YIVNEVQDVYR.L	15
PSTAT+6586	proteomics_stat	4187126	4187146	+	2	5	K.HIEVIVR.Q	11
PSTAT+6587	proteomics_stat	4187159	4187224	+	2	7	R.KATIVNAGSSDFLEGEQVEYSR.V	26
PSTAT+6588	proteomics_stat	4187162	4187224	+	2	3	K.ATIVNAGSSDFLEGEQVEYSR.V	25
PSTAT+6589	proteomics_stat	4187306	4187362	+	2	5	K.ASLATESFISAASFQETTR.V	23
PSTAT+6590	proteomics_stat	4187360	4187392	+	2	3	T.RVLTEAAVAGK.R	15
PSTAT+6591	proteomics_stat	4187363	4187392	+	2	7	R.VLTEAAVAGK.R	14
PSTAT+6592	proteomics_stat	4187363	4187395	+	2	3	R.VLTEAAVAGKR.D	15
PSTAT+6593	proteomics_stat	4187408	4187437	+	2	6	R.GLKENVIVGR.L	14
PSTAT+6594	proteomics_stat	4187438	4187479	+	2	8	R.LIPAGTGYAYHQDR.M	18
PSTAT+6595	proteomics_stat	4187441	4187479	+	2	9	L.IPAGTGYAYHQDR.M	17
PSTAT+6596	proteomics_stat	4187444	4187479	+	2	2	I.PAGTGYAYHQDR.M	16
PSTAT+6597	proteomics_stat	4195334	4195369	+	2	2	R.RDDSILLAQHTR.H	16
PSTAT+6598	proteomics_stat	4195376	4195444	+	2	2	R.NGVHTVLAGFVEVGETLEQAVAR.E	27
PSTAT+6599	proteomics_stat	4195739	4195762	+	2	3	K.MTELNDR.Y	12
PSTAT+6600	proteomics_stat	4196057	4196125	+	2	6	K.ADVDKLPIPDPEDELGYVMNAVR.T	27
PSTAT+6601	proteomics_stat	4196081	4196125	+	2	5	I.PDPEDELGYVMNAVR.T	19
PSTAT+6602	proteomics_stat	4196138	4196224	+	2	4	R.ELKGEVPLIGFSGSPWTLATYMEGGSSK.A	33
PSTAT+6603	proteomics_stat	4196594	4196647	+	2	5	K.VALQGNMDPSMLYAPPAR.I	22
PSTAT+6604	proteomics_stat	4197848	4197889	+	2	3	R.LSGETLEHAVEVSK.T	18
PSTAT+6605	proteomics_stat	4198304	4198342	+	2	2	L.MNKTLQIDVIAEK.A	17
PSTAT+6606	proteomics_stat	4198313	4198342	+	2	12	K.TQLIDVIAEK.A	14
PSTAT+6607	proteomics_stat	4198313	4198357	+	2	11	K.TQLIDVIAEKAELSK.T	19
PSTAT+6608	proteomics_stat	4198370	4198414	+	2	19	K.AALESTLAAITESLK.E	19
PSTAT+6609	proteomics_stat	4198370	4198456	+	2	899	K.AALESTLAAITESLKEGDAVQLVGFGTK.V	33
PSTAT+6610	proteomics_stat	4198370	4198438	+	2	2	K.AALESTLAAITESLKEGDAVQLV.G	27
PSTAT+6611	proteomics_stat	4198397	4198456	+	2	6	A.ITESLKEGDAVQLVGFGTK.V	24
PSTAT+6612	proteomics_stat	4198415	4198456	+	2	11	K.EGDAVQLVGFGTK.V	18
PSTAT+6613	proteomics_stat	4198478	4198513	+	2	2	R.TGRNPQTGKEIK.I	16
PSTAT+6614	proteomics_stat	4198487	4198513	+	2	2	R.NPQTGKEIK.I	13

PSTAT+6615	proteomics_stat	4198511	4198552	+	2	4	I.KIAAANVPAFVSGK.A	18
PSTAT+6616	proteomics_stat	4198514	4198552	+	2	17	K.IAAANVPAFVSGK.A	17
PSTAT+6617	proteomics_stat	4212306	4212350	+	3	6	M.PIRVPDELPAVNFLR.E	19
PSTAT+6618	proteomics_stat	4212384	4212413	+	3	3	R.ASGQEIRPLK.V	14
PSTAT+6619	proteomics_stat	4212441	4212470	+	3	4	K.KIETENQFLR.L	14
PSTAT+6620	proteomics_stat	4212471	4212515	+	3	2	R.LLSNSPLQVDIQLLR.I	19
PSTAT+6621	proteomics_stat	4212912	4212977	+	3	192	R.DYTDLEILAETEEGDAYLFASK.D	26
PSTAT+6622	proteomics_stat	4212987	4213049	+	3	3	R.IAFVTGHPEYDAQTLAQEFFR.D	25
PSTAT+6623	proteomics_stat	4213050	4213100	+	3	2	R.DVEAGLDPDVPYNYFPN.N	21
PSTAT+6624	proteomics_stat	4213504	4213566	+	1	10	M.TEQATTTDELAFTRPYGEQEK.Q	25
PSTAT+6625	proteomics_stat	4213567	4213632	+	1	85	K.QILTAEAVEFLTELVTHTFPQR.N	26
PSTAT+6626	proteomics_stat	4213588	4213632	+	1	2	A.VEFLTELVTHTFPQR.N	19
PSTAT+6627	proteomics_stat	4213654	4213722	+	1	21	R.IQQQQDIDNGTLPDFISETASIR.D	27
PSTAT+6628	proteomics_stat	4213738	4213770	+	1	2	K.IRGIPADLEDR.R	15
PSTAT+6629	proteomics_stat	4213771	4213800	+	1	23	R.RVEITGPVER.K	14
PSTAT+6630	proteomics_stat	4213774	4213800	+	1	2	R.VEITGPVER.K	13
PSTAT+6631	proteomics_stat	4213801	4213836	+	1	6	R.KMVINALNANVK.V	16
PSTAT+6632	proteomics_stat	4213804	4213836	+	1	10	K.MVINALNANVK.V	15
PSTAT+6633	proteomics_stat	4213837	4213884	+	1	15	K.VFMADFEDSLAPDWNK.V	20
PSTAT+6634	proteomics_stat	4213837	4213911	+	1	10	K.VFMADFEDSLAPDWNKVIDGQINLR.D	29
PSTAT+6635	proteomics_stat	4213849	4213884	+	1	2	A.DFEDSLAPDWNK.V	16
PSTAT+6636	proteomics_stat	4213885	4213911	+	1	4	K.VIDGQINLR.D	13
PSTAT+6637	proteomics_stat	4213912	4213956	+	1	106	R.DAVNGTISYTNEAGK.I	19
PSTAT+6638	proteomics_stat	4213957	4213983	+	1	2	K.IYQLKPNPA.V	13
PSTAT+6639	proteomics_stat	4213957	4213998	+	1	34	K.IYQLKPNPAVLICR.V	18
PSTAT+6640	proteomics_stat	4213957	4213995	+	1	2	K.IYQLKPNPAVLIC.R	17
PSTAT+6641	proteomics_stat	4214005	4214025	+	1	3	R.GLHLPEK.H	11
PSTAT+6642	proteomics_stat	4214116	4214145	+	1	2	K.GSGPYFYLPK.T	14
PSTAT+6643	proteomics_stat	4214233	4214298	+	1	4	K.ATLLIETLPAVFQMDEILHALR.D	26
PSTAT+6644	proteomics_stat	4214299	4214328	+	1	2	R.DHIVGLNCGR.W	14
PSTAT+6645	proteomics_stat	4214395	4214439	+	1	17	R.QAVTMDKPFLNAYS.R	19
PSTAT+6646	proteomics_stat	4214395	4214433	+	1	3	R.QAVTMDKPFLNAY.S	17
PSTAT+6647	proteomics_stat	4214398	4214439	+	1	2	Q.AVTMDKPFLNAYS.R	18
PSTAT+6648	proteomics_stat	4214467	4214544	+	1	57	R.GAFAMGGMAAFIPSKDEEHNNQVLNK.V	30
PSTAT+6649	proteomics_stat	4214476	4214544	+	1	3	F.AMGGMAAFIPSKDEEHNNQVLNK.V	27
PSTAT+6650	proteomics_stat	4214512	4214544	+	1	2	K.DEEHNNQVLNK.V	15
PSTAT+6651	proteomics_stat	4214560	4214658	+	1	29	K.SLEANNHGDGTWIAHPGLADTAMAVFNDILGSR.K	37
PSTAT+6652	proteomics_stat	4214560	4214661	+	1	9	K.SLEANNHGDGTWIAHPGLADTAMAVFNDILGSRK.N	38
PSTAT+6653	proteomics_stat	4214662	4214682	+	1	5	K.NQLEVMR.E	11
PSTAT+6654	proteomics_stat	4214683	4214739	+	1	10	R.EQDAPITADQLLAPCDGER.T	23
PSTAT+6655	proteomics_stat	4214770	4214865	+	1	53	R.VAVQYIEAWISGNGCVPIYGLMEDAATAEISR.T	36
PSTAT+6656	proteomics_stat	4214866	4214898	+	1	11	R.TSIWQWIHHQK.T	15
PSTAT+6657	proteomics_stat	4214866	4214889	+	1	2	R.TSIWQWIH.H	12
PSTAT+6658	proteomics_stat	4214899	4214928	+	1	18	K.TLSNGKPVTK.A	14
PSTAT+6659	proteomics_stat	4214902	4214928	+	1	2	T.LSNGKPVTK.A	13
PSTAT+6660	proteomics_stat	4214941	4214964	+	1	5	R.QMLGEEMK.V	12



PSTAT+6661	proteomics_stat	4214965	4214994	+	1	9	K.VIASSELGEER.F	14
PSTAT+6662	proteomics_stat	4214995	4215090	+	1	9	R.FSQGRFDDAARLMEQITTSDELIDFLTLPGYR.L	36
PSTAT+6663	proteomics_stat	4215028	4215090	+	1	188	R.LMEQITTSDELIDFLTLPGYR.L	25
PSTAT+6664	proteomics_stat	4215138	4215170	+	3	5	K.TRTQQIEELQK.E	15
PSTAT+6665	proteomics_stat	4215144	4215188	+	3	20	R.TQQIEELQKEWTQPR.W	19
PSTAT+6666	proteomics_stat	4215144	4215170	+	3	13	R.TQQIEELQK.E	13
PSTAT+6667	proteomics_stat	4215189	4215233	+	3	27	R.WEGITRPYSAEDVVK.L	19
PSTAT+6668	proteomics_stat	4215192	4215233	+	3	7	W.EGITRPYSAEDVVK.L	18
PSTAT+6669	proteomics_stat	4215195	4215233	+	3	4	E.GITRPYSAEDVVK.L	17
PSTAT+6670	proteomics_stat	4215207	4215233	+	3	2	R.PYSAEDVVK.L	13
PSTAT+6671	proteomics_stat	4215234	4215287	+	3	22	K.LRGSVNPECTLAQLGAAK.M	22
PSTAT+6672	proteomics_stat	4215240	4215287	+	3	33	R.GSVNPECTLAQLGAAK.M	20
PSTAT+6673	proteomics_stat	4215243	4215287	+	3	3	G.SVNPECTLAQLGAAK.M	19
PSTAT+6674	proteomics_stat	4215252	4215287	+	3	4	N.PECTLAQLGAAK.M	16
PSTAT+6675	proteomics_stat	4215297	4215317	+	3	5	R.LLHGESK.K	11
PSTAT+6676	proteomics_stat	4215318	4215377	+	3	217	K.KGYINSLGALTGGQALQQAK.A	24
PSTAT+6677	proteomics_stat	4215321	4215377	+	3	23	K.GYINSLGALTGGQALQQAK.A	23
PSTAT+6678	proteomics_stat	4215321	4215383	+	3	9	K.GYINSLGALTGGQALQQAKAG.I	25
PSTAT+6679	proteomics_stat	4215327	4215377	+	3	2	Y.INSLGALTGGQALQQAK.A	21
PSTAT+6680	proteomics_stat	4215333	4215377	+	3	3	N.SLGALTGGQALQQAK.A	19
PSTAT+6681	proteomics_stat	4215348	4215377	+	3	2	L.TGGQALQQAK.A	14
PSTAT+6682	proteomics_stat	4215378	4215500	+	3	196	K.AGIEAVYLSGWQVAADANLAASMYPDQSLYPANSPAVVER.I	45
PSTAT+6683	proteomics_stat	4215447	4215500	+	3	2	M.YPDQSLYPANSPAVVER.I	22
PSTAT+6684	proteomics_stat	4215468	4215500	+	3	2	Y.PANSPAVVER.I	15
PSTAT+6685	proteomics_stat	4215519	4215569	+	3	12	R.RADQIQWSAGIEPGDPR.Y	21
PSTAT+6686	proteomics_stat	4215522	4215569	+	3	18	R.ADQIQWSAGIEPGDPR.Y	20
PSTAT+6687	proteomics_stat	4215525	4215569	+	3	2	A.DQIQWSAGIEPGDPR.Y	19
PSTAT+6688	proteomics_stat	4215540	4215569	+	3	3	W.SAGIEPGDPR.Y	14
PSTAT+6689	proteomics_stat	4215570	4215650	+	3	233	R.YVDYFLPIVADAEAGFGGVLNAFELMK.A	31
PSTAT+6690	proteomics_stat	4215573	4215650	+	3	10	Y.VDYFLPIVADAEAGFGGVLNAFELMK.A	30
PSTAT+6691	proteomics_stat	4215648	4215710	+	3	26	M.KAMIEAGAAAVHFEDQLASVK.K	25
PSTAT+6692	proteomics_stat	4215651	4215713	+	3	206	K.AMIEAGAAAVHFEDQLASVKK.C	25
PSTAT+6693	proteomics_stat	4215651	4215710	+	3	284	K.AMIEAGAAAVHFEDQLASVK.K	24
PSTAT+6694	proteomics_stat	4215735	4215767	+	3	11	K.VLVPTQEAIQK.L	15
PSTAT+6695	proteomics_stat	4215783	4215827	+	3	26	R.LAADVTGVPTLLVAR.T	19
PSTAT+6696	proteomics_stat	4215786	4215827	+	3	2	L.AADVTVPTLLVAR.T	18
PSTAT+6697	proteomics_stat	4215828	4215863	+	3	2	R.TDADAADLITSD.C	16
PSTAT+6698	proteomics_stat	4215828	4215902	+	3	149	R.TDADAADLITSDCDPYDSEFITGER.T	29
PSTAT+6699	proteomics_stat	4215828	4215884	+	3	2	R.TDADAADLITSDCDPYDSE.F	23
PSTAT+6700	proteomics_stat	4215828	4215878	+	3	2	R.TDADAADLITSDCDPYD.S	21
PSTAT+6701	proteomics_stat	4215828	4215869	+	3	8	R.TDADAADLITSDCD.P	18
PSTAT+6702	proteomics_stat	4215831	4215902	+	3	7	T.DADAADLITSDCDPYDSEFITGER.T	28
PSTAT+6703	proteomics_stat	4215837	4215902	+	3	3	A.DAADLITSDCDPYDSEFITGER.T	26
PSTAT+6704	proteomics_stat	4215840	4215902	+	3	2	D.AADLITSDCDPYDSEFITGER.T	25
PSTAT+6705	proteomics_stat	4215849	4215902	+	3	3	D.LITSDCDPYDSEFITGER.T	22
PSTAT+6706	proteomics_stat	4215852	4215902	+	3	3	L.ITSDCDPYDSEFITGER.T	21

PSTAT+6707	proteomics_stat	4215855	4215902	+	3	12	I.TSDCDPYDSEFITGER.T	20
PSTAT+6708	proteomics_stat	4215858	4215902	+	3	4	T.SDCDPYDSEFITGER.T	19
PSTAT+6709	proteomics_stat	4215864	4215902	+	3	3	D.CDPYDSEFITGER.T	17
PSTAT+6710	proteomics_stat	4215870	4215902	+	3	19	D.PYDSEFITGER.T	15
PSTAT+6711	proteomics_stat	4215876	4215902	+	3	2	Y.DSEFITGER.T	13
PSTAT+6712	proteomics_stat	4215924	4215956	+	3	58	R.THAGIEQAISR.G	15
PSTAT+6713	proteomics_stat	4215927	4215956	+	3	7	T.HAGIEQAISR.G	14
PSTAT+6714	proteomics_stat	4215954	4216028	+	3	12	S.RGLAYAPYADLVWCETSTPDLELAR.R	29
PSTAT+6715	proteomics_stat	4215957	4216028	+	3	57	R.GLAYAPYADLVWCETSTPDLELAR.R	28
PSTAT+6716	proteomics_stat	4216032	4216055	+	3	4	R.FAQAIHAK.Y	12
PSTAT+6717	proteomics_stat	4216065	4216109	+	3	7	G.KLLAYNCSPSFNWQK.N	19
PSTAT+6718	proteomics_stat	4216068	4216109	+	3	27	K.LLAYNCSPSFNWQK.N	18
PSTAT+6719	proteomics_stat	4216071	4216109	+	3	7	L.LAYNCSPSFNWQK.N	17
PSTAT+6720	proteomics_stat	4216074	4216109	+	3	2	L.AYNCSPSFNWQK.N	16
PSTAT+6721	proteomics_stat	4216077	4216109	+	3	4	A.YNCSPSFNWQK.N	15
PSTAT+6722	proteomics_stat	4216110	4216169	+	3	5	K.NLDDKTIASFQQQLSDMGYK.F	24
PSTAT+6723	proteomics_stat	4216125	4216169	+	3	9	K.TIASFQQQLSDMGYK.F	19
PSTAT+6724	proteomics_stat	4216128	4216169	+	3	2	T.IASFQQQLSDMGYK.F	18
PSTAT+6725	proteomics_stat	4216305	4216361	+	3	155	K.DGYTFVSHQQEVGTGYFDK.V	23
PSTAT+6726	proteomics_stat	4216305	4216328	+	3	2	K.DGYTFVSH.Q	12
PSTAT+6727	proteomics_stat	4217768	4217818	+	2	2	R.HISPALMELLQEAEEK.I	21
PSTAT+6728	proteomics_stat	4222514	4222558	+	2	6	R.TLSGQTTEAFYNSLR.H	19
PSTAT+6729	proteomics_stat	4222559	4222615	+	2	2	R.HAEALTFLGNLALGPDEL.R.Q	23
PSTAT+6730	proteomics_stat	4222874	4222936	+	2	3	R.LSGLEPLNIGEDSLFVNVGER.T	25
PSTAT+6731	proteomics_stat	4223231	4223263	+	2	4	K.EGVDAFIHAK.L	15
PSTAT+6732	proteomics_stat	4223777	4223815	+	2	3	K.TDDTANAQQAWE.R.S	17
PSTAT+6733	proteomics_stat	4223858	4223899	+	2	2	K.GITEFIEQDTEAR.Q	18
PSTAT+6734	proteomics_stat	4223900	4223986	+	2	4	R.QQATRIEVIIEGPLMDGMNVVGDVDFGEGK.M	33
PSTAT+6735	proteomics_stat	4224116	4224139	+	2	2	K.GDVHDIGK.N	12
PSTAT+6736	proteomics_stat	4224233	4224307	+	2	3	K.EVNADLIGLSGLITPSLDEMNVVAK.E	29
PSTAT+6737	proteomics_stat	4224320	4224367	+	2	2	R.QGFTIPLLIGGATTSK.A	20
PSTAT+6738	proteomics_stat	4224635	4224676	+	2	2	R.LGVQEVEASIE.TLR.N	18
PSTAT+6739	proteomics_stat	4224776	4224823	+	2	2	R.LFKDANDMLDKLSAEK.T	20
PSTAT+6740	proteomics_stat	4224785	4224808	+	2	2	K.DANDMLDK.L	12
PSTAT+6741	proteomics_stat	4224956	4225000	+	2	2	K.TGFANYCLADVFVAPK.L	19
PSTAT+6742	proteomics_stat	4225133	4225168	+	2	3	R.LAEFAEYLHER.V	16
PSTAT+6743	proteomics_stat	4225232	4225294	+	2	3	R.ENYQGIRPAPGYACPEHTEK.A	25
PSTAT+6744	proteomics_stat	4225415	4225441	+	2	2	K.YYAVAQIQR.D	13
PSTAT+6745	proteomics_stat	4225442	4225465	+	2	2	R.DQVEDYAR.R	12
PSTAT+6746	proteomics_stat	4226858	4226899	+	2	2	R.KLADDINVLYTAIK.L	18
PSTAT+6747	proteomics_stat	4227236	4227307	+	2	3	R.LHQQNVQSIETSSLHLGLLGMQR.L	28
PSTAT+6748	proteomics_stat	4227308	4227352	+	2	2	R.LNSLFCVSVVLEQ.P	19
PSTAT+6749	proteomics_stat	4231781	4231831	+	2	7	L.MKNINPTQTAAWQALQK.H	21
PSTAT+6750	proteomics_stat	4231787	4231831	+	2	16	K.NINPTQTAAWQALQK.H	19
PSTAT+6751	proteomics_stat	4231832	4231879	+	2	54	K.HFDEMKDVTIADLFAK.D	20
PSTAT+6752	proteomics_stat	4231832	4231849	+	2	2	K.HFDEMK.D	10

PSTAT+6753	proteomics_stat	4231835	4231879	+	2	2	H.FDEMKDVTIADLFAK.D	19
PSTAT+6754	proteomics_stat	4231850	4231879	+	2	2	K.DVTIADLFAK.D	14
PSTAT+6755	proteomics_stat	4231901	4231945	+	2	10	K.FSATFDDQMLVDYSK.N	19
PSTAT+6756	proteomics_stat	4231904	4231945	+	2	2	F.SATFDDQMLVDYSK.N	18
PSTAT+6757	proteomics_stat	4231946	4231975	+	2	3	K.NRITEETLAK.L	14
PSTAT+6758	proteomics_stat	4231994	4232020	+	2	3	K.ECDLAGAIK.S	13
PSTAT+6759	proteomics_stat	4232093	4232158	+	2	8	R.SNTPILVDGKDVMPVNAVLEK.M	26
PSTAT+6760	proteomics_stat	4232123	4232158	+	2	2	K.DVMPEVNAVLEK.M	16
PSTAT+6761	proteomics_stat	4232165	4232200	+	2	6	K.TFSEAIISGEWK.G	16
PSTAT+6762	proteomics_stat	4232216	4232299	+	2	45	K.AITDVVNIGIGGSDLGPYMVTEALRPYK.N	32
PSTAT+6763	proteomics_stat	4232300	4232362	+	2	21	K.NHLNMHFVSNVDGTHIAEVLK.K	25
PSTAT+6764	proteomics_stat	4232363	4232404	+	2	19	K.KVNPETTLFLVASK.T	18
PSTAT+6765	proteomics_stat	4232366	4232404	+	2	4	K.VNPETTLFLVASK.T	17
PSTAT+6766	proteomics_stat	4232405	4232449	+	2	12	K.TFTTQETMTNAHSAR.D	19
PSTAT+6767	proteomics_stat	4232408	4232449	+	2	3	T.FTTQETMTNAHSAR.D	18
PSTAT+6768	proteomics_stat	4232495	4232524	+	2	3	K.HFAALSTNAK.A	14
PSTAT+6769	proteomics_stat	4232813	4232857	+	2	9	R.FAAYFQQGNMESNGK.Y	19
PSTAT+6770	proteomics_stat	4232870	4232971	+	2	21	R.NGNVVVDYQTGPPIIWGEPGTNGQHAFYQLIHQGTK.M	38
PSTAT+6771	proteomics_stat	4232870	4232920	+	2	2	R.NGNVVVDYQTGPPIIWGEP.G	21
PSTAT+6772	proteomics_stat	4232909	4232971	+	2	2	I.WGEPGTNGQHAFYQLIHQGTK.M	25
PSTAT+6773	proteomics_stat	4232972	4233037	+	2	5	K.MVPCDFIAPAITHNPLSDHHQK.L	26
PSTAT+6774	proteomics_stat	4233035	4233085	+	2	3	Q.KLLSNFFAQTEALAFGK.S	21
PSTAT+6775	proteomics_stat	4233038	4233085	+	2	41	K.LLSNFFAQTEALAFGK.S	20
PSTAT+6776	proteomics_stat	4233041	4233085	+	2	3	L.LSNFFAQTEALAFGK.S	19
PSTAT+6777	proteomics_stat	4233086	4233115	+	2	10	K.SREVVEQEYR.D	14
PSTAT+6778	proteomics_stat	4233086	4233163	+	2	11	K.SREVVEQEYRDQGKDPATLDYVVVFK.V	30
PSTAT+6779	proteomics_stat	4233092	4233115	+	2	4	R.EVVEQEYR.D	12
PSTAT+6780	proteomics_stat	4233092	4233163	+	2	2	R.EVVEQEYRDQGKDPATLDYVVVFK.V	28
PSTAT+6781	proteomics_stat	4233116	4233163	+	2	8	R.DQGKDPATLDYVVVFK.V	20
PSTAT+6782	proteomics_stat	4233164	4233205	+	2	5	K.VFEGNRPTNSILLR.E	18
PSTAT+6783	proteomics_stat	4233206	4233256	+	2	4	R.EITPFSLGALIALYEHK.I	21
PSTAT+6784	proteomics_stat	4233338	4233409	+	2	19	R.ILPELKDDKEISSHDSSTNGLINR.Y	28
PSTAT+6785	proteomics_stat	4233356	4233409	+	2	4	K.DDKEISSHDSSTNGLINR.Y	22
PSTAT+6786	proteomics_stat	4233365	4233409	+	2	5	K.EISSHDSSTNGLINR.Y	19
PSTAT+6787	proteomics_stat	4245146	4245193	+	2	4	R.VNQVAEVLQLAHLDDR.K	20
PSTAT+6788	proteomics_stat	4245382	4245420	+	1	8	P.RSGRSDDAGRQNR.G	17
PSTAT+6789	proteomics_stat	4245440	4245490	+	2	4	R.VAQVGKPLELYHYPADR.F	21
PSTAT+6790	proteomics_stat	4247234	4247317	+	2	2	R.TSAKPFLLISTAASVATATSGPSVPR.W	32
PSTAT+6791	proteomics_stat	4247655	4247750	+	3	6	A.DVNYVPQNTSDAPAIPSAALQQLTWTPVDQSK.T	36
PSTAT+6792	proteomics_stat	4247751	4247882	+	3	2	K.TQTTQLATGGQQLNVPGISGPVAAYSVPANIGELTLTSEVNK.Q	48
PSTAT+6793	proteomics_stat	4248045	4248113	+	3	3	K.LYVLVFTTEKDLQQTQLLDDPAK.A	27
PSTAT+6794	proteomics_stat	4248075	4248113	+	3	2	K.DLQQTQLLDDPAK.A	17
PSTAT+6795	proteomics_stat	4250967	4251023	+	3	4	R.LSGKPLLLTELFLPASPLY.-	23
PSTAT+6796	proteomics_stat	4254663	4254689	+	3	3	M.ANNTTGFR.I	13
PSTAT+6797	proteomics_stat	4255186	4255221	+	1	4	R.DHISQTGMPPTR.A	16
PSTAT+6798	proteomics_stat	4255294	4255329	+	1	4	R.KGVIEIVSGASR.G	16

PSTAT+6799	proteomics_stat	4255381	4255479	+	1	3	R.VAAGEPLLAQQHIEGHYQVDPSLFKPNADFLLR.V	37
PSTAT+6800	proteomics_stat	4255501	4255542	+	1	2	K.DIGIMDGDLLAVHK.T	18
PSTAT+6801	proteomics_stat	4255558	4255581	+	1	2	R.NGQVVVAR.I	12
PSTAT+6802	proteomics_stat	4255582	4255605	+	1	2	R.IDDEVTVK.R	12
PSTAT+6803	proteomics_stat	4255618	4255683	+	1	2	K.QGNKVPELLPENSEFKPIVVDLR.Q	26
PSTAT+6804	proteomics_stat	4257260	4257292	+	2	6	I.MNKDEAGGNWK.Q	15
PSTAT+6805	proteomics_stat	4257329	4257367	+	2	2	K.LTDDDMTIIEGKR.D	17
PSTAT+6806	proteomics_stat	4257329	4257364	+	2	6	K.LTDDDMTIIEGK.R	16
PSTAT+6807	proteomics_stat	4257413	4257451	+	2	4	K.DQAEKEVVDWETR.N	17
PSTAT+6808	proteomics_stat	4259842	4259895	+	1	2	R.NTLLYTEMVTTGAIHKG.G	22
PSTAT+6809	proteomics_stat	4260439	4260531	+	1	2	R.EAYQNP GilAAVDREIFGSSD TDADPVAVVR.A	35
PSTAT+6810	proteomics_stat	4260481	4260531	+	1	2	R.EIFGSSD TDADPVAVVR.A	21
PSTAT+6811	proteomics_stat	4260556	4260594	+	1	2	R.ELSQGTYLGHITR.H	17
PSTAT+6812	proteomics_stat	4260595	4260633	+	1	5	R.HMLGLFQGIPGAR.Q	17
PSTAT+6813	proteomics_stat	4260670	4260708	+	1	2	K.AGADINVLEHALK.L	17
PSTAT+6814	proteomics_stat	4262559	4262615	+	3	3	R.LQESGSPIDLITLAESLER.Q	23
PSTAT+6815	proteomics_stat	4262670	4262717	+	3	3	K.NTPSAANISAYADIVR.E	20
PSTAT+6816	proteomics_stat	4263261	4263308	+	3	3	R.NIYIDSSGLTPTEVR.S	20
PSTAT+6817	proteomics_stat	4265149	4265193	+	1	2	K.VDAYAGDPIILTLMER.F	19
PSTAT+6818	proteomics_stat	4265302	4265364	+	1	6	R.LNAQPHGASLYLPM EGLN CYR.H	25
PSTAT+6819	proteomics_stat	4265365	4265412	+	1	6	R.HAIAPLLFGADHPVLK.Q	20
PSTAT+6820	proteomics_stat	4265422	4265463	+	1	4	R.VATIQTLLGGSGALK.V	18
PSTAT+6821	proteomics_stat	4265656	4265745	+	1	2	R.SIVLLHPCCHNPTGADLTNDQWD AVIEILK.A	34
PSTAT+6822	proteomics_stat	4265752	4265826	+	1	19	R.ELIPFLDIAYQFGGAGMEEDAYAIR.A	29
PSTAT+6823	proteomics_stat	4265827	4265877	+	1	4	R.AIASAGLPALVSNSFSK.I	21
PSTAT+6824	proteomics_stat	4265902	4265949	+	1	4	R.VGGLSVMCEDAEAAGR.V	20
PSTAT+6825	proteomics_stat	4265980	4266051	+	1	10	R.RNYSPPNFGAQVVA AVLNDEALK.A	28
PSTAT+6826	proteomics_stat	4265983	4266051	+	1	8	R.NYSSPPNFGAQVVA AVLNDEALK.A	27
PSTAT+6827	proteomics_stat	4266148	4266174	+	1	3	R.NFDYLLNQR.G	13
PSTAT+6828	proteomics_stat	4266262	4266300	+	1	2	R.MCVAGLN TANVQR.V	17
PSTAT+6829	proteomics_stat	4268303	4268356	+	2	3	R.GFHLVTDEILNQLADMPR.V	22
PSTAT+6830	proteomics_stat	4268681	4268755	+	2	2	K.MTISELLQYCMAPGAEQSVHNDWK.A	29
PSTAT+6831	proteomics_stat	4272172	4272213	+	1	3	K.VILVGNLQDPEVR.Y	18
PSTAT+6832	proteomics_stat	4272214	4272273	+	1	4	R.YMPNGGAVANITLATESWR.D	24
PSTAT+6833	proteomics_stat	4272337	4272366	+	1	3	K.LAEVASEYLR.K	14
PSTAT+6834	proteomics_stat	4272367	4272402	+	1	7	R.KGSQVYIEGQLR.T	16
PSTAT+6835	proteomics_stat	4272409	4272438	+	1	3	R.KWTDQSGQDR.Y	14
PSTAT+6836	proteomics_stat	4272439	4272495	+	1	4	R.YTTEVVVNVGGTMQMLGGR.Q	23
PSTAT+6837	proteomics_stat	4277333	4277392	+	2	3	R.AVAGQANLLDKDGQIIDGGK.A	24
PSTAT+6838	proteomics_stat	4277366	4277392	+	2	6	K.DGQIIDGGK.A	13
PSTAT+6839	proteomics_stat	4279599	4279649	+	3	2	K.LLHDLDLLEALLIEENQ.-	21
PSTAT+6840	proteomics_stat	4292876	4292974	+	2	2	K.YQSTTEAVQSSSHGIMGTILSLVPTNIVASMAK.G	37
PSTAT+6841	proteomics_stat	4328564	4328590	+	2	7	R.DVTIIDDGK.L	13
PSTAT+6842	proteomics_stat	4329842	4329904	+	2	2	K.ETANRPLKGATPAASDIQEAK.E	25
PSTAT+6843	proteomics_stat	4329866	4329904	+	2	2	K.GATPAASDIQEAK.E	17
PSTAT+6844	proteomics_stat	4329905	4329943	+	2	2	K.EILVEHYDNIEQK.I	17

PSTAT+6845	proteomics_stat	4329944	4329985	+	2	5	K.IDDIDHEIADLQAK.R	18
PSTAT+6846	proteomics_stat	4340096	4340128	+	2	2	R.KLMDSAGASGK.I	15
PSTAT+6847	proteomics_stat	4340246	4340299	+	2	5	R.HGLEQTIADTLGPGGIMR.A	22
PSTAT+6848	proteomics_stat	4340573	4340668	+	2	3	K.TADGSYVNLYPELLAAEAGQAPKPNIHGNT.R	36
PSTAT+6849	proteomics_stat	4368711	4368737	+	3	5	S.MNIRPLHDR.V	13
PSTAT+6850	proteomics_stat	4368771	4368812	+	3	36	K.SAGGIVLTGSAAAK.S	18
PSTAT+6851	proteomics_stat	4368813	4368851	+	3	27	K.STRGEVLAVGNR.I	17
PSTAT+6852	proteomics_stat	4368822	4368851	+	3	9	R.GEVLAVGNR.I	14
PSTAT+6853	proteomics_stat	4368852	4368890	+	3	22	R.ILENGEVKPLDVK.V	17
PSTAT+6854	proteomics_stat	4368852	4368896	+	3	3	R.ILENGEVKPLDVKVG.D	19
PSTAT+6855	proteomics_stat	4368855	4368890	+	3	3	I.LENGEVKPLDVK.V	16
PSTAT+6856	proteomics_stat	4368891	4368932	+	3	28	K.VGDIVIFNDGYGVK.S	18
PSTAT+6857	proteomics_stat	4368894	4368932	+	3	2	V.GDIVIFNDGYGVK.S	17
PSTAT+6858	proteomics_stat	4369099	4369131	+	1	2	L.RGVNVLADAVK.V	15
PSTAT+6859	proteomics_stat	4369102	4369131	+	1	18	R.GVNVLADAVK.V	14
PSTAT+6860	proteomics_stat	4369174	4369200	+	1	2	K.SFGAPTITK.D	13
PSTAT+6861	proteomics_stat	4369222	4369272	+	1	378	R.EIELEDKFENMGAQMVK.E	21
PSTAT+6862	proteomics_stat	4369288	4369362	+	1	234	K.ANDAAGDGTATVLAQAIITEGLK.A	29
PSTAT+6863	proteomics_stat	4369363	4369398	+	1	9	K.AVAAGMNPMDLK.R	16
PSTAT+6864	proteomics_stat	4369363	4369401	+	1	9	K.AVAAGMNPMDLKR.G	17
PSTAT+6865	proteomics_stat	4369414	4369443	+	1	15	K.AVTAAVEELK.A	14
PSTAT+6866	proteomics_stat	4369471	4369527	+	1	6	S.KAIAQVGTISANSDETVGK.L	23
PSTAT+6867	proteomics_stat	4369474	4369527	+	1	107	K.AIAQVGTISANSDETVGK.L	22
PSTAT+6868	proteomics_stat	4369477	4369527	+	1	2	A.IAQVGTISANSDETVGK.L	21
PSTAT+6869	proteomics_stat	4369525	4369551	+	1	4	G.KLIAEAMDK.V	13
PSTAT+6870	proteomics_stat	4369528	4369560	+	1	7	K.LIAEAMDKVGK.E	15
PSTAT+6871	proteomics_stat	4369528	4369551	+	1	8	K.LIAEAMDK.V	12
PSTAT+6872	proteomics_stat	4369531	4369551	+	1	2	L.IAEAMDK.V	11
PSTAT+6873	proteomics_stat	4369531	4369560	+	1	2	L.IAEAMDKVGK.E	14
PSTAT+6874	proteomics_stat	4369552	4369638	+	1	11	K.VGKEGVITVEDGTGLQDELDDVEGMQFDR.G	33
PSTAT+6875	proteomics_stat	4369561	4369638	+	1	629	K.EGVITVEDGTGLQDELDDVEGMQFDR.G	30
PSTAT+6876	proteomics_stat	4369612	4369638	+	1	2	D.VVEGMQFDR.G	13
PSTAT+6877	proteomics_stat	4369636	4369725	+	1	3	D.RGYLSPYFINKPETGAVELESPFILLADKK.I	34
PSTAT+6878	proteomics_stat	4369636	4369722	+	1	2	D.RGYLSPYFINKPETGAVELESPFILLADK.K	33
PSTAT+6879	proteomics_stat	4369639	4369722	+	1	61	R.GYLSPYFINKPETGAVELESPFILLADK.K	32
PSTAT+6880	proteomics_stat	4369639	4369725	+	1	130	R.GYLSPYFINKPETGAVELESPFILLADKK.I	33
PSTAT+6881	proteomics_stat	4369648	4369725	+	1	3	L.SPYFINKPETGAVELESPFILLADKK.I	30
PSTAT+6882	proteomics_stat	4369657	4369722	+	1	3	Y.FINKPETGAVELESPFILLADK.K	26
PSTAT+6883	proteomics_stat	4369657	4369725	+	1	27	Y.FINKPETGAVELESPFILLADKK.I	27
PSTAT+6884	proteomics_stat	4369666	4369725	+	1	2	N.KPETGAVELESPFILLADKK.I	24
PSTAT+6885	proteomics_stat	4369726	4369773	+	1	2	K.ISNIREMLPVLEAVAK.A	20
PSTAT+6886	proteomics_stat	4369741	4369773	+	1	14	R.EMLPVLEAVAK.A	15
PSTAT+6887	proteomics_stat	4369774	4369851	+	1	688	K.AGKPLLIIAEDVEGALATLVVNTMR.G	30
PSTAT+6888	proteomics_stat	4369903	4369980	+	1	376	R.KAMLQDIATLTGGTVISEEIGMELEK.A	30
PSTAT+6889	proteomics_stat	4369906	4369980	+	1	1363	K.AMLQDIATLTGGTVISEEIGMELEK.A	29
PSTAT+6890	proteomics_stat	4369906	4370010	+	1	5	K.AMLQDIATLTGGTVISEEIGMELEKATLEDLGQAK.R	39

PSTAT+6891	proteomics_stat	4369981	4370013	+	1	11	K.ATLEDLGQAKR.V	15
PSTAT+6892	proteomics_stat	4369981	4370010	+	1	10	K.ATLEDLGQAK.R	14
PSTAT+6893	proteomics_stat	4370011	4370082	+	1	8	K.RVVINKDTTTIIDGVGEEAAIQGR.V	28
PSTAT+6894	proteomics_stat	4370014	4370082	+	1	66	R.VVINKDTTTIIDGVGEEAAIQGR.V	27
PSTAT+6895	proteomics_stat	4370029	4370082	+	1	167	K.DTTTIIIDGVGEEAAIQGR.V	22
PSTAT+6896	proteomics_stat	4370044	4370082	+	1	4	I.IDGVGEEAAIQGR.V	17
PSTAT+6897	proteomics_stat	4370047	4370082	+	1	4	I.DGVGEEAAIQGR.V	16
PSTAT+6898	proteomics_stat	4370050	4370082	+	1	6	D.GVGEEAAIQGR.V	15
PSTAT+6899	proteomics_stat	4370056	4370082	+	1	2	V.GEEAAIQGR.V	13
PSTAT+6900	proteomics_stat	4370095	4370139	+	1	3	I.RQQIEEATSDYDREK.L	19
PSTAT+6901	proteomics_stat	4370098	4370139	+	1	14	R.QQIEEATSDYDREK.L	18
PSTAT+6902	proteomics_stat	4370098	4370133	+	1	11	R.QQIEEATSDYDR.E	16
PSTAT+6903	proteomics_stat	4370101	4370133	+	1	2	Q.QIEEATSDYDR.E	15
PSTAT+6904	proteomics_stat	4370101	4370139	+	1	2	Q.QIEEATSDYDREK.L	17
PSTAT+6905	proteomics_stat	4370161	4370187	+	1	6	K.LAGGVAVIK.V	13
PSTAT+6906	proteomics_stat	4370188	4370217	+	1	13	K.VGAATEVEMK.E	14
PSTAT+6907	proteomics_stat	4370188	4370223	+	1	3	K.VGAATEVEMKEK.K	16
PSTAT+6908	proteomics_stat	4370188	4370220	+	1	3	K.VGAATEVEMKE.K	15
PSTAT+6909	proteomics_stat	4370227	4370259	+	1	2	K.ARVEDALHATR.A	15
PSTAT+6910	proteomics_stat	4370233	4370259	+	1	15	R.VEDALHATR.A	13
PSTAT+6911	proteomics_stat	4370236	4370259	+	1	3	V.EDALHATR.A	12
PSTAT+6912	proteomics_stat	4370260	4370310	+	1	175	R.AAVEEGVVAGGGVALIR.V	21
PSTAT+6913	proteomics_stat	4370263	4370310	+	1	2	A.AVEEGVVAGGGVALIR.V	20
PSTAT+6914	proteomics_stat	4370323	4370370	+	1	5	K.LADLRGQNEQNVGIK.V	20
PSTAT+6915	proteomics_stat	4370326	4370370	+	1	3	L.ADLRGQNEQNVGIK.V	19
PSTAT+6916	proteomics_stat	4370338	4370370	+	1	7	R.GQNEQNVGIK.V	15
PSTAT+6917	proteomics_stat	4370401	4370457	+	1	3	L.RQIVLNCGEEPSVVANTVK.G	23
PSTAT+6918	proteomics_stat	4370404	4370457	+	1	122	R.QIVLNCGEEPSVVANTVK.G	22
PSTAT+6919	proteomics_stat	4370458	4370541	+	1	38	K.GGDGNYGYNAATEEYGNMIDMGILDPTK.V	32
PSTAT+6920	proteomics_stat	4370458	4370490	+	1	2	K.GGDGNYGYNA.T	15
PSTAT+6921	proteomics_stat	4370551	4370625	+	1	1535	R.SALQYAASVAGLMITTECMVTDLPK.N	29
PSTAT+6922	proteomics_stat	4370572	4370625	+	1	9	A.SVAGLMITTECMVTDLPK.N	22
PSTAT+6923	proteomics_stat	4370578	4370625	+	1	911	V.AGLMITTECMVTDLPK.N	20
PSTAT+6924	proteomics_stat	4370931	4370987	+	3	8	R.IVDEQPGAECQLIGTATGK.Q	23
PSTAT+6925	proteomics_stat	4370988	4371038	+	3	6	K.QSNWLSGQHGEEGSMR.G	21
PSTAT+6926	proteomics_stat	4371132	4371173	+	3	3	S.FVPTDSQIIGQVYK.C	18
PSTAT+6927	proteomics_stat	4373971	4374015	+	1	2	H.FMNNETFEQLSADAK.A	19
PSTAT+6928	proteomics_stat	4374151	4374210	+	1	10	K.GDTAGTGKPATLSTGAVVK.V	24
PSTAT+6929	proteomics_stat	4374211	4374246	+	1	15	K.VPLFVQIGEVIK.V	16
PSTAT+6930	proteomics_stat	4374654	4374710	+	3	14	R.GVGEDISDGGNAISGAATK.A	23
PSTAT+6931	proteomics_stat	4374666	4374710	+	3	3	E.DISDGGNAISGAATK.A	19
PSTAT+6932	proteomics_stat	4374675	4374710	+	3	2	S.DGGNAISGAATK.A	16
PSTAT+6933	proteomics_stat	4381284	4381358	+	3	6	K.EKPTFVYHFPASQASLAQISTEDHR.V	29
PSTAT+6934	proteomics_stat	4381389	4381433	+	3	2	K.GIELANGFHELTAR.E	19
PSTAT+6935	proteomics_stat	4389876	4389908	+	3	2	R.EAELATLEFLK.Q	15
PSTAT+6936	proteomics_stat	4389930	4389968	+	3	2	K.SPICGNSIGQDRR.F	17

PSTAT+6937	proteomics_stat	4389930	4389965	+	3	2	K.SPICGNSIGQDR.R	16
PSTAT+6938	proteomics_stat	4389981	4390016	+	3	2	K.YMPELEAYFHYP.Y	16
PSTAT+6939	proteomics_stat	4389984	4390016	+	3	5	Y.MPELEAYFHYP.Y	15
PSTAT+6940	proteomics_stat	4390053	4390088	+	3	3	R.RWKPEILDGFTK.Q	16
PSTAT+6941	proteomics_stat	4390056	4390088	+	3	6	R.WKPEILDGFTK.Q	15
PSTAT+6942	proteomics_stat	4392173	4392220	+	2	3	R.EAADVLGLTYELMLR.A	20
PSTAT+6943	proteomics_stat	4393130	4393189	+	2	2	R.KPMLWDADALNLLAINPDKR.H	24
PSTAT+6944	proteomics_stat	4393577	4393633	+	2	2	R.IVNPEVTDKNHDESSNSAP.-	23
PSTAT+6945	proteomics_stat	4393746	4393784	+	3	5	R.GFLQALGHQGNVK.S	17
PSTAT+6946	proteomics_stat	4397028	4397078	+	3	4	R.QQNLQILIPELIGYLAK.Q	21
PSTAT+6947	proteomics_stat	4399271	4399324	+	2	3	R.IKADVPTVSLVGYTNAGK.S	22
PSTAT+6948	proteomics_stat	4399358	4399405	+	2	2	R.VYAADQLFATLDPTLR.R	20
PSTAT+6949	proteomics_stat	4399409	4399465	+	2	3	R.IDVADVGETVLADTVGFIR.H	23
PSTAT+6950	proteomics_stat	4399565	4399648	+	2	2	R.VQENIEAVNTVLEEIDAHEIPTLLVMNK.I	32
PSTAT+6951	proteomics_stat	4399679	4399711	+	2	2	R.IDRDEENKPNR.V	15
PSTAT+6952	proteomics_stat	4399712	4399774	+	2	3	R.VWLSAQTGAGIPQLFQALTER.L	25
PSTAT+6953	proteomics_stat	4399775	4399807	+	2	4	R.LSGEVAQHTLR.L	15
PSTAT+6954	proteomics_stat	4400154	4400198	+	3	2	K.GGRDQGGPDLDDIFR.K	19
PSTAT+6955	proteomics_stat	4400163	4400198	+	3	5	R.DQGPPDLDDIFR.K	16
PSTAT+6956	proteomics_stat	4400238	4400297	+	3	3	K.GTGGSGGSSSQGPRPQLGGR.V	24
PSTAT+6957	proteomics_stat	4400400	4400483	+	3	23	K.FSHLVEPGLNWKPTFIDEVKPVNVEAVR.E	32
PSTAT+6958	proteomics_stat	4400484	4400534	+	3	5	R.ELAASGVMLTSDENVVVR.V	21
PSTAT+6959	proteomics_stat	4400535	4400558	+	3	2	R.VEMNVQYR.V	12
PSTAT+6960	proteomics_stat	4400577	4400615	+	3	4	K.YLYSVTSPDDSLR.Q	17
PSTAT+6961	proteomics_stat	4400715	4400804	+	3	13	R.ELEETIRPYDMGITLLDVNFQAARPPEEVK.A	34
PSTAT+6962	proteomics_stat	4400805	4400834	+	3	5	K.AAFDDAIAAR.E	14
PSTAT+6963	proteomics_stat	4400859	4400894	+	3	5	R.EAEAYTNEVQPR.A	16
PSTAT+6964	proteomics_stat	4400943	4400981	+	3	4	K.AQTILEAQGEVAR.F	17
PSTAT+6965	proteomics_stat	4401078	4401140	+	3	3	R.KVLVNDKGGNLMVPLDQMLK.G	25
PSTAT+6966	proteomics_stat	4401099	4401140	+	3	2	K.GGNLMVPLDQMLK.G	18
PSTAT+6967	proteomics_stat	4401165	4401194	+	3	2	K.SDNGASNLLR.L	14
PSTAT+6968	proteomics_stat	4401195	4401275	+	3	21	R.LPPASSSTTSGASNTSSTSQGDIMDQR.R	31
PSTAT+6969	proteomics_stat	4401431	4401487	+	2	13	K.VLRDDDNKPLVYEPGLHFK.I	23
PSTAT+6970	proteomics_stat	4401527	4401556	+	2	3	R.IQTMNDNQADR.F	14
PSTAT+6971	proteomics_stat	4401575	4401604	+	2	2	K.KDLIVDSYIK.W	14
PSTAT+6972	proteomics_stat	4401578	4401604	+	2	2	K.DLIVDSYIK.W	13
PSTAT+6973	proteomics_stat	4401629	4401682	+	2	5	R.YYLATGGGDISQAEVLLK.R	22
PSTAT+6974	proteomics_stat	4401779	4401865	+	2	79	R.DALNSGSAGTEDEVTTPAADNAIAEAAER.V	33
PSTAT+6975	proteomics_stat	4401827	4401865	+	2	3	T.PAADNAIAEAAER.V	17
PSTAT+6976	proteomics_stat	4401884	4401949	+	2	24	K.GKVPVINPNSMAALGIEVVDVR.I	26
PSTAT+6977	proteomics_stat	4401890	4401949	+	2	3	K.VPVINPNSMAALGIEVVDVR.I	24
PSTAT+6978	proteomics_stat	4401950	4402000	+	2	3	R.IKQINLPTEVSEAIYNR.M	21
PSTAT+6979	proteomics_stat	4401956	4402000	+	2	3	K.QINLPTEVSEAIYNR.M	19
PSTAT+6980	proteomics_stat	4402040	4402072	+	2	6	R.SQGQEEAEKLR.A	15
PSTAT+6981	proteomics_stat	4402073	4402099	+	2	4	R.ATADYEVTR.T	13
PSTAT+6982	proteomics_stat	4402130	4402165	+	2	9	R.IMRGEEDAEEAAK.L	16

PSTAT+6983	proteomics_stat	4402166	4402216	+	2	5	K.LFADAFSKDPDFYAFIR.S	21
PSTAT+6984	proteomics_stat	4402226	4402294	+	2	3	R.AYENSFSGNQDVMVMSPDSDFFR.Y	27
PSTAT+6985	proteomics_stat	4402226	4402276	+	2	18	R.AYENSFSGNQDVMVMSP.D	21
PSTAT+6986	proteomics_stat	4402713	4402760	+	3	5	M.GNNVVVLGTQWGDEGK.G	20
PSTAT+6987	proteomics_stat	4402713	4402766	+	3	9	M.GNNVVVLGTQWGDEGK.GK.I	22
PSTAT+6988	proteomics_stat	4402767	4402790	+	3	4	K.IVDLLTER.A	12
PSTAT+6989	proteomics_stat	4402809	4402859	+	3	12	R.YQGGHNAGHTLVINGEK.T	21
PSTAT+6990	proteomics_stat	4402860	4402895	+	3	16	K.TVLHLIPSGILR.E	16
PSTAT+6991	proteomics_stat	4402896	4402955	+	3	14	R.ENVTSIIGNGVVLSAALMK.E	24
PSTAT+6992	proteomics_stat	4402902	4402955	+	3	2	N.VTSIIGNGVVLSAALMK.E	22
PSTAT+6993	proteomics_stat	4402956	4402979	+	3	3	K.EMKELEDR.G	12
PSTAT+6994	proteomics_stat	4403001	4403063	+	3	20	R.LLLSEACPLILDYHVALDNAR.E	25
PSTAT+6995	proteomics_stat	4403022	4403063	+	3	2	C.PLILDYHVALDNAR.E	18
PSTAT+6996	proteomics_stat	4403154	4403192	+	3	14	R.VGDLFDKETFAEK.L	17
PSTAT+6997	proteomics_stat	4403193	4403243	+	3	8	K.LKEVMEYHNFQLVNYK.A	21
PSTAT+6998	proteomics_stat	4403199	4403243	+	3	16	K.EVMEYHNFQLVNYK.A	19
PSTAT+6999	proteomics_stat	4403244	4403267	+	3	9	K.AEAVDYQK.V	12
PSTAT+7000	proteomics_stat	4403247	4403267	+	3	2	A.EAVDYQK.V	11
PSTAT+7001	proteomics_stat	4403484	4403513	+	3	7	R.YVDYVLGILK.A	14
PSTAT+7002	proteomics_stat	4403529	4403588	+	3	3	R.VGAGPFPTLFDLDETFEFLCK.Q	24
PSTAT+7003	proteomics_stat	4403589	4403621	+	3	5	K.QGNEFGATTGR.R	15
PSTAT+7004	proteomics_stat	4403628	4403660	+	3	3	R.RTGWLDTVAVR.R	15
PSTAT+7005	proteomics_stat	4403631	4403660	+	3	2	R.TGWLDTVAVR.R	14
PSTAT+7006	proteomics_stat	4403661	4403705	+	3	3	R.RAVQLNLSLGSFCLTK.L	19
PSTAT+7007	proteomics_stat	4403664	4403705	+	3	9	R.AVQLNLSLGSFCLTK.L	18
PSTAT+7008	proteomics_stat	4403772	4403810	+	3	8	R.EVTTTPLAADDWK.G	17
PSTAT+7009	proteomics_stat	4403811	4403870	+	3	3	K.GVEPIYETMPGWSESTFGVK.D	24
PSTAT+7010	proteomics_stat	4403877	4403912	+	3	9	R.SGLPQAALNYIK.R	16
PSTAT+7011	proteomics_stat	4403913	4403969	+	3	7	K.RIEELTGVPIDIISTGPDR.T	23
PSTAT+7012	proteomics_stat	4403913	4403990	+	3	13	K.RIEELTGVPIDIISTGPDR.TETMILR.D	30
PSTAT+7013	proteomics_stat	4403916	4403969	+	3	3	R.IEELTGVPIDIISTGPDR.T	22
PSTAT+7014	proteomics_stat	4404543	4404620	+	3	3	K.AVQSFLTELDNYTLADLVEENQPLYK.L	30
PSTAT+7015	proteomics_stat	4404740	4404766	+	2	4	R.EFILEHLTK.R	13
PSTAT+7016	proteomics_stat	4404869	4404892	+	2	5	R.DGQLVFTR.R	12
PSTAT+7017	proteomics_stat	4404989	4405024	+	2	5	R.KDDLYSSEQMK.T	16
PSTAT+7018	proteomics_stat	4405025	4405075	+	2	5	K.TCIHGDQVLAQPLGADR.K	21
PSTAT+7019	proteomics_stat	4405025	4405078	+	2	4	K.TCIHGDQVLAQPLGADR.K.G	22
PSTAT+7020	proteomics_stat	4405142	4405189	+	2	2	R.YFTEAGVGFVPPDSR.L	20
PSTAT+7021	proteomics_stat	4405304	4405363	+	2	10	K.IVEVLGDNMGTGMAVDIALR.T	24
PSTAT+7022	proteomics_stat	4405364	4405447	+	2	8	R.THEIPYIWPQAVEQQVAGLKEEVPEEAK.A	32
PSTAT+7023	proteomics_stat	4405364	4405423	+	2	2	R.THEIPYIWPQAVEQQVAGLK.E	24
PSTAT+7024	proteomics_stat	4405469	4405507	+	2	5	R.DLPLVTIDGEDAR.D	17
PSTAT+7025	proteomics_stat	4405508	4405537	+	2	6	R.DFDDAVYCEK.K	14
PSTAT+7026	proteomics_stat	4405634	4405726	+	2	4	R.GTSVYFPSQVIPMLPEVLSNGLCSLNPQVDR.L	35
PSTAT+7027	proteomics_stat	4405784	4405816	+	2	3	K.FYEAVMSSHAR.L	15
PSTAT+7028	proteomics_stat	4405832	4405867	+	2	3	K.VWHILQGDQDLR.E	16



PSTAT+7029	proteomics_stat	4406048	4406092	+	2	8	K.LIEECMILANISAAR.F	19
PSTAT+7030	proteomics_stat	4406129	4406170	+	2	2	R.IHDKPSTEAITSF.R.S	18
PSTAT+7031	proteomics_stat	4406171	4406227	+	2	7	R.SVLAELGLELPGGNKPEPR.D	23
PSTAT+7032	proteomics_stat	4406228	4406299	+	2	22	R.DYAEELLESVADRPDAEMLQTMLLR.S	28
PSTAT+7033	proteomics_stat	4406336	4406371	+	2	4	R.GHFGLALQSYAH.F	16
PSTAT+7034	proteomics_stat	4406390	4406416	+	2	4	R.RYPDLTLHR.A	13
PSTAT+7035	proteomics_stat	4406393	4406416	+	2	2	R.YPDLTLHR.A	12
PSTAT+7036	proteomics_stat	4406441	4406539	+	2	3	K.EQGHQGNNTTETGGYHYSMEEMQLQGHCMAER.R	37
PSTAT+7037	proteomics_stat	4406747	4406779	+	2	2	R.LMGESSGQTYR.L	15
PSTAT+7038	proteomics_stat	4406804	4406830	+	2	2	R.VEAVNMDER.K	13
PSTAT+7039	proteomics_stat	4406831	4406863	+	2	7	R.KIDFSLISSER.A	15
PSTAT+7040	proteomics_stat	4406954	4406986	+	2	3	K.KVNFEPDSAFR.G	15
PSTAT+7041	proteomics_stat	4407301	4407348	+	1	9	M.SEMIYGIHAVQALLER.A	20
PSTAT+7042	proteomics_stat	4407403	4407462	+	1	2	R.LLPLIHALESQGVVIQLANR.Q	24
PSTAT+7043	proteomics_stat	4407481	4407516	+	1	10	K.SDGAVHQGIAR.V	16
PSTAT+7044	proteomics_stat	4407640	4407681	+	1	4	R.SADAAGVHAVIVPK.D	18
PSTAT+7045	proteomics_stat	4407682	4407714	+	1	3	K.DRSAQLNATAK.K	15
PSTAT+7046	proteomics_stat	4407688	4407714	+	1	6	R.SAQLNATAK.K	13
PSTAT+7047	proteomics_stat	4407715	4407756	+	1	2	K.KVACGAAESVPLIR.V	18
PSTAT+7048	proteomics_stat	4407784	4407855	+	1	5	R.MLQEENIWIVGTAGEADHTLYQSK.M	28
PSTAT+7049	proteomics_stat	4411180	4411203	+	1	2	R.QIEEQIEK.P	12
PSTAT+7050	proteomics_stat	4412397	4412477	+	3	2	R.EGAGWDSDFLASIGQQLGTAESLELGR.L	31
PSTAT+7051	proteomics_stat	4412595	4412627	+	3	3	R.VHNLAWEEDAR.S	15
PSTAT+7052	proteomics_stat	4412859	4412894	+	3	2	K.QGGSDVMSNTR.A	16
PSTAT+7053	proteomics_stat	4413462	4413536	+	3	7	R.GMPFVAEAMEVLGGIGYCEESELPR.L	29
PSTAT+7054	proteomics_stat	4413621	4413668	+	3	2	K.QAGVYDLLSEAFVEVK.G	20
PSTAT+7055	proteomics_stat	4413747	4413797	+	3	2	R.EITHQLFLLGCGAQLK.Y	21
PSTAT+7056	proteomics_stat	4413864	4413899	+	3	4	R.LSEQIQNDLLLR.A	16
PSTAT+7057	proteomics_stat	4414996	4415043	+	1	2	R.ELADIPVLHAYVPGQK.D	20
PSTAT+7058	proteomics_stat	4415596	4415631	+	1	3	R.LQQALSETGRDK.L	16
PSTAT+7059	proteomics_stat	4423147	4423212	+	1	91	R.HYEIVFMVHPDQSEQVPGMIER.Y	26
PSTAT+7060	proteomics_stat	4423168	4423212	+	1	2	M.VHPDQSEQVPGMIER.Y	19
PSTAT+7061	proteomics_stat	4423213	4423245	+	1	16	R.YTAAITGAEGK.I	15
PSTAT+7062	proteomics_stat	4423306	4423377	+	1	10	H.KAHYVLMNVEAPQEVIDELETTFR.F	28
PSTAT+7063	proteomics_stat	4423309	4423377	+	1	121	K.AHYVLMNVEAPQEVIDELETTFR.F	27
PSTAT+7064	proteomics_stat	4423315	4423377	+	1	3	H.YVLMNVEAPQEVIDELETTFR.F	25
PSTAT+7065	proteomics_stat	4423318	4423377	+	1	3	Y.VLMNVEAPQEVIDELETTFR.F	24
PSTAT+7066	proteomics_stat	4423324	4423377	+	1	5	L.MNVEAPQEVIDELETTFR.F	22
PSTAT+7067	proteomics_stat	4423327	4423377	+	1	3	M.NVEAPQEVIDELETTFR.F	21
PSTAT+7068	proteomics_stat	4423330	4423377	+	1	4	N.VEAPQEVIDELETTFR.F	20
PSTAT+7069	proteomics_stat	4423378	4423398	+	1	5	R.FNDAVIR.S	11
PSTAT+7070	proteomics_stat	4423414	4423452	+	1	7	R.TKHAVTEASPMVK.A	17
PSTAT+7071	proteomics_stat	4423420	4423452	+	1	32	K.HAVTEASPMVK.A	15
PSTAT+7072	proteomics_stat	4423477	4423533	+	1	5	R.RDDFANETADDAEAGDSEE.-	23
PSTAT+7073	proteomics_stat	4423477	4423530	+	1	3	R.RDDFANETADDAEAGDSEE.E	22
PSTAT+7074	proteomics_stat	4423895	4423951	+	2	6	C.RFTAEGVQEIDYKDIATLK.N	23

PSTAT+7075	proteomics_stat	4423895	4423933	+	2	5	C.RFTAEGVQEIDYK.D	17
PSTAT+7076	proteomics_stat	4423898	4423951	+	2	177	R.FTAEGVQEIDYKDIATLK.N	22
PSTAT+7077	proteomics_stat	4423898	4423933	+	2	6	R.FTAEGVQEIDYK.D	16
PSTAT+7078	proteomics_stat	4423952	4423975	+	2	6	K.NYITESGK.I	12
PSTAT+7079	proteomics_stat	4424048	4424080	+	2	4	A.RYLSLLPYTDR.H	15
PSTAT+7080	proteomics_stat	4424051	4424080	+	2	4	R.YLSLLPYTDR.H	14
PSTAT+7081	proteomics_stat	4424131	4424154	+	1	3	V.MQVILLDK.V	12
PSTAT+7082	proteomics_stat	4424155	4424196	+	1	19	K.VANLGSLGDQVNVK.A	18
PSTAT+7083	proteomics_stat	4424155	4424202	+	1	2	K.VANLGSLGDQVNVKAG.Y	20
PSTAT+7084	proteomics_stat	4424158	4424196	+	1	2	V.ANLGSLGDQVNVK.A	17
PSTAT+7085	proteomics_stat	4424254	4424280	+	1	17	K.KNIEFFEAR.R	13
PSTAT+7086	proteomics_stat	4424257	4424280	+	1	2	K.NIEFFEAR.R	12
PSTAT+7087	proteomics_stat	4424299	4424334	+	1	2	A.KLAEVLAANAR.A	16
PSTAT+7088	proteomics_stat	4424302	4424334	+	1	18	K.LAEVLAANAR.A	15
PSTAT+7089	proteomics_stat	4424302	4424349	+	1	2	K.LAEVLAANARA EKIN.A	20
PSTAT+7090	proteomics_stat	4424305	4424334	+	1	6	L.AEVLAANAR.A	14
PSTAT+7091	proteomics_stat	4424344	4424379	+	1	14	K.INALETVTIASK.A	16
PSTAT+7092	proteomics_stat	4424380	4424421	+	1	6	K.AGDEGKLFGSIGTR.D	18
PSTAT+7093	proteomics_stat	4424422	4424466	+	1	60	R.DIADAVTAAGVEVAK.S	19
PSTAT+7094	proteomics_stat	4424434	4424466	+	1	6	D.AVTAAGVEVAK.S	15
PSTAT+7095	proteomics_stat	4424467	4424499	+	1	4	K.SEVRLPNGVLR.T	15
PSTAT+7096	proteomics_stat	4424500	4424553	+	1	729	R.TTGEHEVSFQVHSEVFAK.V	22
PSTAT+7097	proteomics_stat	4427105	4427137	+	2	7	K.HPAVPVDVVHR.A	15
PSTAT+7098	proteomics_stat	4427186	4427215	+	2	2	R.FQAMAAEGVK.Y	14
PSTAT+7099	proteomics_stat	4427237	4427278	+	2	4	K.KEGVNSTESGLQFR.V	18
PSTAT+7100	proteomics_stat	4427240	4427278	+	2	3	K.EGVNSTESGLQFR.V	17
PSTAT+7101	proteomics_stat	4427279	4427314	+	2	4	R.VINQGEGAI PAR.T	16
PSTAT+7102	proteomics_stat	4427348	4427386	+	2	4	K.LIDGTVFDSSVAR.G	17
PSTAT+7103	proteomics_stat	4427354	4427386	+	2	4	I.DGTVFDSSVAR.G	15
PSTAT+7104	proteomics_stat	4427387	4427467	+	2	16	R.GEPAEFPVNGVIPGWIEALTLMPVGSK.W	31
PSTAT+7105	proteomics_stat	4427468	4427509	+	2	4	K.WELTIPQELAYGER.G	18
PSTAT+7106	proteomics_stat	4427905	4427946	+	1	2	K.VVADDQAPAEQSLR.R	18
PSTAT+7107	proteomics_stat	4428847	4428885	+	1	2	R.MLFGLAQEGVAPK.A	17
PSTAT+7108	proteomics_stat	4434778	4434807	+	1	2	E.MLDQVCQLAR.N	14
PSTAT+7109	proteomics_stat	4435168	4435194	+	1	2	K.AWKEECGVR.K	13
PSTAT+7110	proteomics_stat	4435213	4435245	+	1	3	R.DARPLLVISR.S	15
PSTAT+7111	proteomics_stat	4435246	4435269	+	1	2	R.SHADAE LK.E	12
PSTAT+7112	proteomics_stat	4435246	4435326	+	1	5	R.SHADAE LKEYLQQLGEHQTT SIGSSLK.F	31
PSTAT+7113	proteomics_stat	4435270	4435326	+	1	3	K.EYLQQLGEHQTT SIGSSLK.F	23
PSTAT+7114	proteomics_stat	4435327	4435368	+	1	3	K.FCLVAEGQAQLYPR.F	18
PSTAT+7115	proteomics_stat	4435369	4435476	+	1	9	R.FGPTNIWDTAAGHAVAAAAGAHVHDWQGKPLDYTPR.E	40
PSTAT+7116	proteomics_stat	4440525	4440569	+	3	3	R.AQLSTIESDEVTPDR.R	19
PSTAT+7117	proteomics_stat	4440780	4440845	+	3	2	K.LLDTRPAIGTVLNQGDYENFKK.S	26
PSTAT+7118	proteomics_stat	4440780	4440842	+	3	2	K.LLDTRPAIGTVLNQGDYENFK.K	25
PSTAT+7119	proteomics_stat	4441413	4441463	+	3	3	R.TDLNDESDSTTLVASR.Y	21
PSTAT+7120	proteomics_stat	4442432	4442458	+	2	3	K.DIQVNIDSK.K	13

PSTAT+7121	proteomics_stat	4443743	4443817	+	2	2	K.DLNLDATINAPGLDNALPGLGGTAK.G	29
PSTAT+7122	proteomics_stat	4444583	4444639	+	2	2	R.LTNNQFDGQVQVTPQGR.R	23
PSTAT+7123	proteomics_stat	4446220	4446255	+	1	2	K.LIESGDWLDRDK.-	16
PSTAT+7124	proteomics_stat	4448048	4448098	+	2	17	A.APLTVGFSQVGSSESGWR.A	21
PSTAT+7125	proteomics_stat	4448204	4448278	+	2	75	R.SFVAQGVDAIFIAPVVATGWEPVLK.E	29
PSTAT+7126	proteomics_stat	4448288	4448320	+	2	6	K.DAEIPVFLDR.S	15
PSTAT+7127	proteomics_stat	4448336	4448389	+	2	4	K.DKSLYMTTADNILEGK.L	22
PSTAT+7128	proteomics_stat	4448342	4448389	+	2	15	K.SLYMTTADNILEGK.L	20
PSTAT+7129	proteomics_stat	4448393	4448413	+	2	2	L.IGDWLVK.E	11
PSTAT+7130	proteomics_stat	4448570	4448599	+	2	6	K.GKEVMESFIK.A	14
PSTAT+7131	proteomics_stat	4448576	4448599	+	2	2	K.EVMESFIK.A	12
PSTAT+7132	proteomics_stat	4448618	4448680	+	2	7	K.NICMUYAHNDDMVIGAIQAIK.E	25
PSTAT+7133	proteomics_stat	4448681	4448749	+	2	7	K.EAGLKPGKDILTGSIDGVPDIYK.A	27
PSTAT+7134	proteomics_stat	4448705	4448749	+	2	10	K.DILTGSIDGVPDIYK.A	19
PSTAT+7135	proteomics_stat	4448750	4448830	+	2	11	K.AMMDGEANASVELTPNMAGPAFPALEK.Y	31
PSTAT+7136	proteomics_stat	4448876	4448920	+	2	6	K.STLYLPDTAKEELEK.K	19
PSTAT+7137	proteomics_stat	4449813	4449839	+	3	2	R.ELDTHALQR.A	13
PSTAT+7138	proteomics_stat	4450206	4450232	+	3	4	R.KEQQEIAER.F	13
PSTAT+7139	proteomics_stat	4450326	4450373	+	3	2	R.WLLTRPQFLILDEPTR.G	20
PSTAT+7140	proteomics_stat	4453940	4454026	+	2	5	K.QGIELIQGYDASQLEPQPDVLIIGNAMTR.G	33
PSTAT+7141	proteomics_stat	4454060	4454110	+	2	3	K.NIPYMSGPQWLHDFVLR.D	21
PSTAT+7142	proteomics_stat	4454345	4454401	+	2	3	R.TLILNLEFDHADIFDDLK.A	23
PSTAT+7143	proteomics_stat	4454558	4454608	+	2	3	K.KLTDDASEWEVLLDGEK.V	21
PSTAT+7144	proteomics_stat	4454684	4454743	+	2	9	R.HVGVAPADAANALGSFINAR.R	24
PSTAT+7145	proteomics_stat	4454762	4454842	+	2	7	R.GEANGVTYDDFAHHPTAILATLAALR.G	31
PSTAT+7146	proteomics_stat	4454906	4454947	+	2	2	K.MGICKDDLAPSLGR.A	18
PSTAT+7147	proteomics_stat	4454921	4454947	+	2	3	K.DDLAPSLGR.A	13
PSTAT+7148	proteomics_stat	4455074	4455139	+	2	7	K.TAQPGDHILVMSNGGFGGIHQK.L	26
PSTAT+7149	proteomics_stat	4456000	4456026	+	1	2	K.VISQVEAQR.K	13
PSTAT+7150	proteomics_stat	4456000	4456029	+	1	3	K.VISQVEAQRK.I	14
PSTAT+7151	proteomics_stat	4456027	4456077	+	1	8	R.KILEEAVSTALELASGK.S	21
PSTAT+7152	proteomics_stat	4456078	4456107	+	1	5	K.SDGAEVAVSK.T	14
PSTAT+7153	proteomics_stat	4456081	4456107	+	1	3	S.DGAEVAVSK.T	13
PSTAT+7154	proteomics_stat	4456108	4456134	+	1	2	K.TTGISVSTR.Y	13
PSTAT+7155	proteomics_stat	4456207	4456254	+	1	5	R.KGSASSTDLSPOAIAR.T	20
PSTAT+7156	proteomics_stat	4456210	4456254	+	1	2	K.GSASSTDLSPOAIAR.T	19
PSTAT+7157	proteomics_stat	4456324	4456410	+	1	2	K.ELLAFDAPDLDFHPAEVSPDEAIELAAR.A	33
PSTAT+7158	proteomics_stat	4456411	4456443	+	1	7	R.AEQAALQADKR.I	15
PSTAT+7159	proteomics_stat	4456444	4456491	+	1	5	R.ITNTEGGSFNSHYGVK.V	20
PSTAT+7160	proteomics_stat	4456492	4456539	+	1	6	K.VFGNSHGMQLQGYCSTR.H	20
PSTAT+7161	proteomics_stat	4456540	4456590	+	1	5	R.HSLSSCVIAEENGDMER.D	21
PSTAT+7162	proteomics_stat	4456615	4456665	+	1	2	R.AMSDLQTPWVVGADCAR.R	21
PSTAT+7163	proteomics_stat	4456711	4456794	+	1	17	K.APVIFANEVATGLFGHLVGAIIAGGSVYR.K	32
PSTAT+7164	proteomics_stat	4456828	4456878	+	1	3	K.QILPDWLTIEHPHLLK.G	21
PSTAT+7165	proteomics_stat	4457038	4457076	+	1	2	R.IAGQGLSFEQMLK.E	17
PSTAT+7166	proteomics_stat	4457077	4457151	+	1	4	K.EMGTGLVVTLMGQGVSAITGDYSR.G	29

PSTAT+7167	proteomics_stat	4465696	4465770	+	1	2	R.LVHRDPLPGAQQTVNTVVPPSLSAH.C	29
PSTAT+7168	proteomics_stat	4472603	4472656	+	2	2	R.AQCVTDFMSTVMMSGLSAK.A	22
PSTAT+7169	proteomics_stat	4472885	4472938	+	2	8	K.MIIGNIHNLPWLQPQLR.Q	22
PSTAT+7170	proteomics_stat	4472960	4472986	+	2	3	K.AHVTAETPK.G	13
PSTAT+7171	proteomics_stat	4473014	4473061	+	2	4	R.LFYLISEDMTEPYEAR.R	20
PSTAT+7172	proteomics_stat	4473215	4473307	+	2	12	K.TVILNEGDFVVFYPGEVHKPLCAVGAPAQVR.K	35
PSTAT+7173	proteomics_stat	4476499	4476540	+	1	3	M.ANPEQLEEQREETR.L	18
PSTAT+7174	proteomics_stat	4476541	4476639	+	1	30	R.LIIELLEDDGSDPDALYTIEHHLSADDLETLEK.A	37
PSTAT+7175	proteomics_stat	4476805	4476909	+	1	2	K.FDVEYDVGWGTYFEDPNGEDGDDDEFVDEDDDDGVRH.-	39
PSTAT+7176	proteomics_stat	4484619	4484648	+	3	5	R.HQDEVLAEAK.A	14
PSTAT+7177	proteomics_stat	4484781	4484837	+	3	2	K.GNARPSVVVADSGHLTQLR.D	23
PSTAT+7178	proteomics_stat	4484838	4484876	+	3	9	R.DGSQVVTLNQGTR.F	17
PSTAT+7179	proteomics_stat	4485749	4485805	+	2	2	R.AQAMYGGSLSTQQGLWAK.D	23
PSTAT+7180	proteomics_stat	4485806	4485835	+	2	3	K.DGNNFVYIER.V	14
PSTAT+7181	proteomics_stat	4485956	4485994	+	2	3	R.LSQVDESDLTNPQ.K	17
PSTAT+7182	proteomics_stat	4486034	4486117	+	2	3	K.TNLTDPKLGVALDPDALSISGLHNYVK.Y	32
PSTAT+7183	proteomics_stat	4503634	4503699	+	1	3	K.EAGVTFMAGHIMNFFNGVQYAR.K	26
PSTAT+7184	proteomics_stat	4504159	4504215	+	1	2	K.GNMTSEMDGAIAYGHPGKK.T	23
PSTAT+7185	proteomics_stat	4518042	4518086	+	3	3	P.HQLCIITFSGMFAIR.H	19
PSTAT+7186	proteomics_stat	4542633	4542671	+	3	2	R.ILDATNNQLPQDR.E	17
PSTAT+7187	proteomics_stat	4549677	4549718	+	3	2	R.WYGPNDPVSLADV.R.Q	18
PSTAT+7188	proteomics_stat	4549875	4549928	+	3	2	K.THTGNYEQWIANYYQQLR.N	22
PSTAT+7189	proteomics_stat	4550085	4550141	+	3	2	K.RPGAADYTEEEIAQAAER.F	23
PSTAT+7190	proteomics_stat	4550142	4550174	+	3	3	R.FATMSDEDKAR.L	15
PSTAT+7191	proteomics_stat	4551371	4551400	+	2	3	K.HDLENPTAPK.S	14
PSTAT+7192	proteomics_stat	4551749	4551796	+	2	2	K.VGAQFVADVVPFEMMK.L	20
PSTAT+7193	proteomics_stat	4585638	4585700	+	3	3	R.WQNTVGRPELQAFYGALAGQK.A	25
PSTAT+7194	proteomics_stat	4590370	4590450	+	1	11	R.HIAGGDLVKPIEVDGSNEMQLAESLR.H	31
PSTAT+7195	proteomics_stat	4590493	4590561	+	1	4	R.NGANAIYSGASEIATGNNDLSSR.T	27
PSTAT+7196	proteomics_stat	4590652	4590696	+	1	4	R.QASHLALSASETAQR.G	19
PSTAT+7197	proteomics_stat	4590760	4590843	+	1	2	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PSTAT+7198	proteomics_stat	4590760	4590843	+	1	2	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PSTAT+7199	proteomics_stat	4590961	4591032	+	1	10	K.VDVGSTLVESAGETMAEIVSAVTR.V	28
PSTAT+7200	proteomics_stat	4591033	4591083	+	1	3	R.VTDIMGEIASASDEQSR.G	21
PSTAT+7201	proteomics_stat	4591033	4591083	+	1	3	R.VTDIMGEIASASDEQSR.G	21
PSTAT+7202	proteomics_stat	4607476	4607514	+	1	2	R.RTFAIISHPDAGK.T	17
PSTAT+7203	proteomics_stat	4607479	4607514	+	1	2	R.TFAIISHPDAGK.T	16
PSTAT+7204	proteomics_stat	4607533	4607577	+	1	5	K.VLLFGQAIQTAGTVK.G	19
PSTAT+7205	proteomics_stat	4607830	4607865	+	1	3	R.LRDTPILTFMKN.L	16
PSTAT+7206	proteomics_stat	4607866	4607925	+	1	3	K.LDRDIRDPMELLDEVENELK.I	24
PSTAT+7207	proteomics_stat	4607875	4607925	+	1	6	R.DIRDPMELLDEVENELK.I	21
PSTAT+7208	proteomics_stat	4607926	4607967	+	1	2	K.IGCAPITWPIGCGK.L	18
PSTAT+7209	proteomics_stat	4607977	4608027	+	1	7	K.GVYHLYKDETYLYQSGK.G	21
PSTAT+7210	proteomics_stat	4608061	4608141	+	1	3	K.GLNNPDLDAAVGEDLAQQLRDELELVK.G	31
PSTAT+7211	proteomics_stat	4608298	4608342	+	1	2	R.TVEASEDKFTGFVFK.I	19
PSTAT+7212	proteomics_stat	4608394	4608417	+	1	2	R.VVSGKYEK.G	12

PSTAT+7213	proteomics_stat	4608496	4608594	+	1	3	R.SHVEEAYPGDILGLHNHGTTIQIGDTFTQGEMMK.F	37
PSTAT+7214	proteomics_stat	4608595	4608633	+	1	4	K.FTGIPNFAPELFR.R	17
PSTAT+7215	proteomics_stat	4608898	4608972	+	1	8	R.KNESQLALDGGDNLAYIATSMVNL.R.L	29
PSTAT+7216	proteomics_stat	4608901	4608972	+	1	2	K.NESQLALDGGDNLAYIATSMVNL.R.L	28
PSTAT+7217	proteomics_stat	4608973	4609017	+	1	3	R.LAQERYPDVQFHQTR.E	19
PSTAT+7218	proteomics_stat	4608988	4609017	+	1	7	R.YPDVQFHQTR.E	14
PSTAT+7219	proteomics_stat	4609503	4609565	+	3	2	A.ENNAQTTNESAGQKVDSSMNK.V	25
PSTAT+7220	proteomics_stat	4609503	4609544	+	3	5	A.ENNAQTTNESAGQK.V	18
PSTAT+7221	proteomics_stat	4609566	4609604	+	3	4	K.VGNFMDDSAITAK.V	17
PSTAT+7222	proteomics_stat	4609611	4609640	+	3	7	K.AALVDHDNIK.S	14
PSTAT+7223	proteomics_stat	4609674	4609730	+	3	156	K.VVTLSGFVESQAQAEAVK.V	23
PSTAT+7224	proteomics_stat	4609740	4609772	+	3	8	K.GVEGVTSVSDK.L	15
PSTAT+7225	proteomics_stat	4609740	4609784	+	3	8	K.GVEGVTSVSDKLVHR.D	19
PSTAT+7226	proteomics_stat	4609809	4609847	+	3	10	K.GYAGDTATTSEIK.A	17
PSTAT+7227	proteomics_stat	4609854	4609883	+	3	4	K.LLADDIVPSR.H	14
PSTAT+7228	proteomics_stat	4609857	4609883	+	3	3	L.LADDIVPSR.H	13
PSTAT+7229	proteomics_stat	4609863	4609958	+	3	4	A.DDIVPSRHVKVETTDGVVQLSGTVDSQAQSDR.A	36
PSTAT+7230	proteomics_stat	4609884	4609976	+	3	2	R.HVKVETTDGVVQLSGTVDSQAQSDRAESIAK.A	35
PSTAT+7231	proteomics_stat	4609884	4609958	+	3	3	R.HVKVETTDGVVQLSGTVDSQAQSDR.A	29
PSTAT+7232	proteomics_stat	4609893	4609976	+	3	3	K.VETTDGVVQLSGTVDSQAQSDRAESIAK.A	32
PSTAT+7233	proteomics_stat	4609893	4609958	+	3	21	K.VETTDGVVQLSGTVDSQAQSDR.A	26
PSTAT+7234	proteomics_stat	4611720	4611764	+	3	3	K.HSDVSLEQLQALER.R	19
PSTAT+7235	proteomics_stat	4611960	4612007	+	3	4	R.TGVVHGFSGSLQQAER.F	20
PSTAT+7236	proteomics_stat	4615385	4615456	+	2	2	K.LMDLTLNDDDTDEKVIALCHQAK.T	28
PSTAT+7237	proteomics_stat	4615385	4615429	+	2	5	K.LMDLTLNDDDTDEK.V	19
PSTAT+7238	proteomics_stat	4615430	4615456	+	2	2	K.VIALCHQAK.T	13
PSTAT+7239	proteomics_stat	4615457	4615498	+	2	6	K.TPVGNTAAICIYPR.F	18
PSTAT+7240	proteomics_stat	4615553	4615618	+	2	8	R.IATVTNFPHGNDIDIALAETR.A	26
PSTAT+7241	proteomics_stat	4615619	4615669	+	2	2	R.AAIAYGADEVVVPYR.A	21
PSTAT+7242	proteomics_stat	4615754	4615801	+	2	2	L.KVIIETGELKDEALIR.K	20
PSTAT+7243	proteomics_stat	4615757	4615801	+	2	4	K.VIIETGELKDEALIR.K	19
PSTAT+7244	proteomics_stat	4615802	4615825	+	2	2	R.KASEISIK.A	12
PSTAT+7245	proteomics_stat	4615862	4615894	+	2	2	K.VAVNATPESAR.I	15
PSTAT+7246	proteomics_stat	4615988	4616038	+	2	18	K.YLAIADELFGADWADAR.H	21
PSTAT+7247	proteomics_stat	4616048	4616083	+	2	3	R.FGASSLLASLLK.A	16
PSTAT+7248	proteomics_stat	4616288	4616320	+	2	2	R.DGHALSDEEIR.F	15
PSTAT+7249	proteomics_stat	4616471	4616503	+	2	6	K.SLHLNGPIVDK.H	15
PSTAT+7250	proteomics_stat	4616597	4616680	+	2	3	R.GLGHTGGTLDKLESIPGFDIFPDDNRF.R.E	32
PSTAT+7251	proteomics_stat	4616597	4616674	+	2	5	R.GLGHTGGTLDKLESIPGFDIFPDDNR.F	30
PSTAT+7252	proteomics_stat	4616681	4616749	+	2	4	R.EIIKDVGVAIIGQTSSLAPADKR.F	27
PSTAT+7253	proteomics_stat	4616765	4616821	+	2	4	R.DITATVDSIPLITASILAK.K	23
PSTAT+7254	proteomics_stat	4616822	4616863	+	2	2	K.KLAEGLDALVMDVK.V	18
PSTAT+7255	proteomics_stat	4616864	4616953	+	2	30	K.VGSGAFMPTYELSEALAEIVGVANGAGVR.T	34
PSTAT+7256	proteomics_stat	4617275	4617322	+	2	2	K.AVYADTEGFVSEMDTR.A	20
PSTAT+7257	proteomics_stat	4617365	4617415	+	2	2	R.QASDTIDYVGFDMAR.L	21
PSTAT+7258	proteomics_stat	4617416	4617466	+	2	10	R.LGDQVDGQRPLAVIHAK.D	21

PSTAT+7259	proteomics_stat	4617467	4617496	+	2	4	K.DENNWQEA.A	14
PSTAT+7260	proteomics_stat	4617518	4617559	+	2	4	K.LADKAPESTPTVYR.R	18
PSTAT+7261	proteomics_stat	4617635	4617691	+	2	23	R.AFIMVLDSFGIGATEDAER.F	23
PSTAT+7262	proteomics_stat	4617692	4617745	+	2	4	R.FGDVGADTLGHIAEACAK.G	22
PSTAT+7263	proteomics_stat	4617692	4617724	+	2	2	R.FGDVGADTLGH.I	15
PSTAT+7264	proteomics_stat	4617767	4617799	+	2	2	R.KGPLNLPNLTR.L	15
PSTAT+7265	proteomics_stat	4617815	4617913	+	2	2	K.AHEGSTGFIPAGMDGNAEVIGAYAWAHMSSGK.D	37
PSTAT+7266	proteomics_stat	4618031	4618111	+	2	17	R.ANLPGYLGNCHSSGTVILDQLGEEHMK.T	31
PSTAT+7267	proteomics_stat	4618112	4618192	+	2	18	K.TGKPIFYTSADSVFQIACHEETFGLDK.L	31
PSTAT+7268	proteomics_stat	4618220	4618255	+	2	2	R.EELTNGGYNIGR.V	16
PSTAT+7269	proteomics_stat	4618256	4618285	+	2	3	R.VIARPFIDGK.A	14
PSTAT+7270	proteomics_stat	4618304	4618360	+	2	14	R.TGNRHDLAVEPPAPTTLQK.L	23
PSTAT+7271	proteomics_stat	4618316	4618360	+	2	6	R.HDLAVEPPAPTTLQK.L	19
PSTAT+7272	proteomics_stat	4618376	4618402	+	2	4	K.HGQVSVVGK.I	13
PSTAT+7273	proteomics_stat	4618403	4618438	+	2	4	K.IADIYANCGITK.K	16
PSTAT+7274	proteomics_stat	4618403	4618441	+	2	2	K.IADIYANCGITK.V	17
PSTAT+7275	proteomics_stat	4618448	4618486	+	2	5	K.ATGLDALFDATIK.E	17
PSTAT+7276	proteomics_stat	4618565	4618606	+	2	5	R.DVAGYAAGLELFD.R	18
PSTAT+7277	proteomics_stat	4618607	4618636	+	2	11	R.RLPELMSLLR.D	14
PSTAT+7278	proteomics_stat	4618637	4618708	+	2	2	R.DDDILILTADHGCDPTWTGTDHTR.E	28
PSTAT+7279	proteomics_stat	4618709	4618741	+	2	3	R.EHIPVLVYGPK.V	15
PSTAT+7280	proteomics_stat	4618769	4618804	+	2	2	R.ETFADIGQTLAK.Y	16
PSTAT+7281	proteomics_stat	4618909	4618980	+	1	13	M.ATPHINAEMGDFADVLM PGDPLR.A	28
PSTAT+7282	proteomics_stat	4618987	4619019	+	1	4	K.YIAETFLEDAR.E	15
PSTAT+7283	proteomics_stat	4619038	4619067	+	1	4	R.GMLGFTGYK.G	14
PSTAT+7284	proteomics_stat	4619074	4619130	+	1	4	R.KISVMGHGMGIPSCSIYTK.E	23
PSTAT+7285	proteomics_stat	4619077	4619130	+	1	8	K.ISVMGHGMGIPSCSIYTK.E	22
PSTAT+7286	proteomics_stat	4619170	4619205	+	1	14	R.VGSCGAVLPHVK.L	16
PSTAT+7287	proteomics_stat	4619206	4619250	+	1	9	K.LRDVVIGMGACTDSK.V	19
PSTAT+7288	proteomics_stat	4619212	4619250	+	1	11	R.DVVIGMGACTDSK.V	17
PSTAT+7289	proteomics_stat	4619266	4619313	+	1	31	R.FKDHDFAAIADFD MVR.N	20
PSTAT+7290	proteomics_stat	4619272	4619313	+	1	5	K.DHDFAAIADFD MVR.N	18
PSTAT+7291	proteomics_stat	4619356	4619424	+	1	14	R.VGNLFSADLFYSPDGEMFDVMEK.Y	27
PSTAT+7292	proteomics_stat	4619425	4619493	+	1	248	K.YGILGVEMEAAGIYGVAAEFGAK.A	27
PSTAT+7293	proteomics_stat	4619494	4619529	+	1	4	K.ALTICTVSDHIR.T	16
PSTAT+7294	proteomics_stat	4619587	4619622	+	1	4	K.IALESVLLGDKE.-	16
PSTAT+7295	proteomics_stat	4623185	4623226	+	2	2	R.LAHEAQLDVAPLGK.I	18
PSTAT+7296	proteomics_stat	4623683	4623760	+	2	3	R.LAQEYEIPLAQTVAIGDGANDLPMIK.A	30
PSTAT+7297	proteomics_stat	4624193	4624258	+	2	2	R.VLGGGVVPGSAILIGGNPGAGK.S	26
PSTAT+7298	proteomics_stat	4624871	4624945	+	2	2	V.EIQALVDHSMANPRRVAVGLEQNR.L	29
PSTAT+7299	proteomics_stat	4624921	4625007	+	1	5	R.GSGAGTKPSGNPAGCVAPSRWSANGRSGC.V	33
PSTAT+7300	proteomics_stat	4625656	4625706	+	1	2	R.ALFD SAMSQQPTVPDR.L	21
PSTAT+7301	proteomics_stat	4625752	4625823	+	1	4	R.IHAFNEEGMEPYPHGWDVWSNGIK.K	28
PSTAT+7302	proteomics_stat	4625989	4626033	+	1	4	R.YWEYIPTEVKPFFVR.T	19
PSTAT+7303	proteomics_stat	4626088	4626132	+	1	2	K.LANIFNTTSAWEYGR.D	19
PSTAT+7304	proteomics_stat	4626409	4626435	+	1	3	R.SLGSSVDRK.E	13

PSTAT+7305	proteomics_stat	4626493	4626519	+	1	2	R.VEEEDYDSR.F	13
PSTAT+7306	proteomics_stat	4629104	4629172	+	2	3	R.GLLAFSPEKPGTTEAQCNYYYAK.W	27
PSTAT+7307	proteomics_stat	4629539	4629601	+	2	2	R.LMIPSLAQAAQLNEDQIQELR.D	25
PSTAT+7308	proteomics_stat	4629680	4629706	+	2	2	R.SQSTSLIER.R	13
PSTAT+7309	proteomics_stat	4629854	4629883	+	2	2	K.EILHQLMQQR.G	14
PSTAT+7310	proteomics_stat	4629938	4629997	+	2	3	K.IDKAPQNVDSALTQGPENAR.V	24
PSTAT+7311	proteomics_stat	4630070	4630099	+	2	2	K.SKTEQAQLAR.Y	14
PSTAT+7312	proteomics_stat	4630634	4630684	+	2	2	R.YFMGDKPTLMSATEWGR.R	21
PSTAT+7313	proteomics_stat	4630864	4630926	+	1	5	K.NAYQNDLHLPLLNMLTPDER.E	25
PSTAT+7314	proteomics_stat	4630990	4631034	+	1	3	R.ELKNELGAGIATITR.G	19
PSTAT+7315	proteomics_stat	4631946	4631993	+	3	2	R.AKELGITHIISDLGR.T	20
PSTAT+7316	proteomics_stat	4631952	4631993	+	3	3	K.ELGITHIISDLGR.T	18
PSTAT+7317	proteomics_stat	4633742	4633822	+	2	4	K.GGLGLAEDTSDAAISCQVQVPIELSDR.I	31
PSTAT+7318	proteomics_stat	4633838	4633861	+	2	2	K.AQGEVVK.K	12
PSTAT+7319	proteomics_stat	4635454	4635522	+	1	2	S.MRVKLEGKNIYEQVYVYALTHELK.S	27
PSTAT+7320	proteomics_stat	4635478	4635522	+	1	2	K.NYIEQVYVYALTHELK.S	19
PSTAT+7321	proteomics_stat	4639061	4639099	+	2	2	R.IVDSQAHLEPATR.W	17
PSTAT+7322	proteomics_stat	4639217	4639267	+	2	2	K.YHYATPVPLVPLEEK.S	21
PSTAT+7323	proteomics_stat	4639457	4639498	+	2	2	K.SDATADQHQLQALR.E	18
PSTAT-1	proteomics_stat	5869	5913	-	5	5	K.KLNAEIIKPVFLDEK.N	19
PSTAT-2	proteomics_stat	5929	5997	-	5	2	K.LNEALAAQGDNVVINLASDEYFK.S	27
PSTAT-3	proteomics_stat	5998	6042	-	5	4	R.GKDLYQFWGDIITNK.L	19
PSTAT-4	proteomics_stat	6133	6207	-	5	3	K.GDVYTGGLQAETFSEDDDFDAQQLR.M	29
PSTAT-5	proteomics_stat	6229	6270	-	5	5	R.FHDWQPDFTPANAR.Q	18
PSTAT-6	proteomics_stat	6271	6306	-	5	2	R.ISDKLAGINAAR.F	16
PSTAT-7	proteomics_stat	6307	6342	-	5	2	R.KLTPPQISTLMR.I	16
PSTAT-8	proteomics_stat	20824	20850	-	5	6	K.ANLTAQINK.L	13
PSTAT-9	proteomics_stat	20899	20931	-	5	6	K.AFNEMQPIVDR.Q	15
PSTAT-10	proteomics_stat	20932	20967	-	5	2	A.AIEAGDKAAAQK.A	16
PSTAT-11	proteomics_stat	20932	20976	-	5	6	K.VYAAIEAGDKAAAQK.A	19
PSTAT-12	proteomics_stat	20947	20976	-	5	7	K.VYAAIEAGDK.A	14
PSTAT-13	proteomics_stat	20947	20979	-	5	38	K.KVYAAIEAGDK.A	15
PSTAT-14	proteomics_stat	29408	29434	-	6	3	P.VLENACAAR.R	13
PSTAT-15	proteomics_stat	50824	50877	-	5	3	K.LVMAHAGITPQWDLQTAK.E	22
PSTAT-16	proteomics_stat	50914	50967	-	5	2	R.LTPLLEAPDADELLNWL.R	22
PSTAT-17	proteomics_stat	51687	51752	-	4	5	R.NSLGNLFSVEVLTGMGIDPAMR.A	26
PSTAT-18	proteomics_stat	52179	52208	-	4	3	R.LQTHPFLGPK.L	14
PSTAT-19	proteomics_stat	52224	52319	-	4	2	K.GQAMVEIGPGLAALTEPVGERLDQLTVIELDR.D	36
PSTAT-20	proteomics_stat	52320	52388	-	4	19	R.FGQNFLNDQFVIDSIVSAINPQK.G	27
PSTAT-21	proteomics_stat	53449	53487	-	5	4	K.FSEEAASWMQEQR.A	17
PSTAT-22	proteomics_stat	53449	53490	-	5	4	R.KFSEEAASWMQEQR.A	18
PSTAT-23	proteomics_stat	53521	53550	-	5	2	R.NVDKTDAAQK.D	14
PSTAT-24	proteomics_stat	53641	53724	-	5	4	K.EFSQDPGSANQGGDLGWATPDIFDPAFR.D	32
PSTAT-25	proteomics_stat	53758	53790	-	5	5	R.VKLEQIAADIK.S	15
PSTAT-26	proteomics_stat	53839	53868	-	5	5	K.NISVTEVHAR.H	14
PSTAT-27	proteomics_stat	53869	53895	-	5	2	K.VNDLRGESK.N	13

PSTAT-28	proteomics_stat	53923	53949	-	5	4	K.KGDIVGPIR.S	13
PSTAT-29	proteomics_stat	53998	54060	-	5	6	K.LAIAHSADQQALNGGQMGWGR.I	25
PSTAT-30	proteomics_stat	54367	54432	-	5	2	K.ISDEQLDQAIANIAKQNNMTLD.Q	26
PSTAT-31	proteomics_stat	54388	54432	-	5	4	K.ISDEQLDQAIANIAK.Q	19
PSTAT-32	proteomics_stat	54445	54483	-	5	8	R.LIMDQIILQMGQK.M	17
PSTAT-33	proteomics_stat	54553	54621	-	5	6	K.VAAVVNNGVVLESDVDGLMQSVK.L	27
PSTAT-34	proteomics_stat	54553	54642	-	5	2	A.APQVVDKVAAVVNNGVVLESDVDGLMQSVK.L	34
PSTAT-35	proteomics_stat	54788	54832	-	6	4	R.GLSSNYGLGTQEMLR.S	19
PSTAT-36	proteomics_stat	55022	55072	-	6	4	K.NGISQVGAVASWPIADR.W	21
PSTAT-37	proteomics_stat	55100	55138	-	6	2	R.YASPEYIQTLPK.Y	17
PSTAT-38	proteomics_stat	55175	55213	-	6	3	L.DNVATSNSSIEYR.R	17
PSTAT-39	proteomics_stat	55175	55216	-	6	3	R.LDNVATSNSSIEYR.R	18
PSTAT-40	proteomics_stat	55388	55411	-	6	3	I.YDDAAVER.F	12
PSTAT-41	proteomics_stat	55415	55456	-	6	5	R.IASANQVTTGVTSR.I	18
PSTAT-42	proteomics_stat	55484	55549	-	6	29	R.DQSDIYNYDSSLLQSDYSGLFR.D	26
PSTAT-43	proteomics_stat	55577	55624	-	6	6	R.DMEMLAPGYTQTLEPR.A	20
PSTAT-44	proteomics_stat	55703	55753	-	6	3	K.LLATHYQQTNLDWYNSR.N	21
PSTAT-45	proteomics_stat	55754	55822	-	6	10	R.VHLEPTINLPLSNNWGSINTEAK.L	27
PSTAT-46	proteomics_stat	55847	55879	-	6	2	I.YGQAVHFVNTR.D	15
PSTAT-47	proteomics_stat	55847	55882	-	6	7	R.IYGQAVHFVNTR.D	16
PSTAT-48	proteomics_stat	55883	55984	-	6	2	K.QFQVFSEQNTSSYSAEPQLDVNYYQNDVGPFDTR.I	38
PSTAT-49	proteomics_stat	55985	56035	-	6	3	K.FSVGAVQNFNATVSTK.Q	21
PSTAT-50	proteomics_stat	56036	56071	-	6	3	K.YGSSTDGYATQK.F	16
PSTAT-51	proteomics_stat	56072	56110	-	6	2	K.VSDPSYFNDFDNK.Y	17
PSTAT-52	proteomics_stat	56180	56221	-	6	2	K.VYEDEHPNDDSSRR.W	18
PSTAT-53	proteomics_stat	56441	56497	-	6	5	K.VGPVPIFYSPYLQLPVGDK.R	23
PSTAT-54	proteomics_stat	56441	56503	-	6	3	R.FKVGVPVPIFYSPYLQLPVGDK.R	25
PSTAT-55	proteomics_stat	56675	56716	-	6	4	K.DTNVWEGDYQMVGR.Q	18
PSTAT-56	proteomics_stat	56750	56803	-	6	2	R.TVDALGNVHYDDNQVILK.G	22
PSTAT-57	proteomics_stat	56804	56833	-	6	2	K.EAPGQPEPVR.T	14
PSTAT-58	proteomics_stat	56834	56866	-	6	6	R.LQADEVQLHQK.E	15
PSTAT-59	proteomics_stat	56867	56929	-	6	2	K.GDYPDDAVFTGSVDIMQNSR.L	25
PSTAT-60	proteomics_stat	60397	60435	-	5	3	R.QQVMESLDQAGWR.L	17
PSTAT-61	proteomics_stat	60505	60543	-	5	3	R.NEADEKLSAELSR.L	17
PSTAT-62	proteomics_stat	60574	60639	-	5	13	K.LVNAVQQDVHAILQLGEAQIEK.S	26
PSTAT-63	proteomics_stat	60676	60723	-	5	4	K.NGNLAAQVEFETFNR.Q	20
PSTAT-64	proteomics_stat	60850	60909	-	5	4	R.NGLDLILSGDTSSTISLLK.N	24
PSTAT-65	proteomics_stat	60910	60951	-	5	3	R.EDAQFITWEHPLIR.N	18
PSTAT-66	proteomics_stat	61171	61203	-	5	5	R.LLEIHSNGGEK.A	15
PSTAT-67	proteomics_stat	61261	61344	-	5	10	R.TIYDSVYNDLINYLASPDQTEGFDDLK.N	32
PSTAT-68	proteomics_stat	61345	61392	-	5	2	W.YHEGLDAFEHTCPTGR.T	20
PSTAT-69	proteomics_stat	61345	61395	-	5	5	R.WYHEGLDAFEHTCPTGR.T	21
PSTAT-70	proteomics_stat	61420	61467	-	5	9	R.IGQAHDIIQIHVPYLEK.T	20
PSTAT-71	proteomics_stat	61486	61554	-	5	2	R.NFQFASHMVMFDLPFNPDLLQR.I	27
PSTAT-72	proteomics_stat	61636	61674	-	5	5	R.AAVFHGMSIIER.D	17
PSTAT-73	proteomics_stat	61918	61953	-	5	2	K.LPLPTQYQTAIK.V	16



PSTAT-74	proteomics_stat	62173	62223	-	5	7	K.NYRPVADAVAMLLAGNK.L	21
PSTAT-75	proteomics_stat	62224	62259	-	5	4	R.FHDFAQFVEEQK.N	16
PSTAT-76	proteomics_stat	62224	62277	-	5	3	R.LLDPNRFHDFQFVEEQK.N	22
PSTAT-77	proteomics_stat	62284	62382	-	5	2	R.EYQAIEQLAEHVPGVLLLLTATPEQLGMESHFAR.L	37
PSTAT-78	proteomics_stat	62485	62562	-	5	2	R.YAEAQHDAYNPFDEQLVICSLDFAR.R	30
PSTAT-79	proteomics_stat	62659	62715	-	5	4	K.TIEAGMILHQQLLSGAAER.V	23
PSTAT-80	proteomics_stat	62950	62970	-	5	2	R.EVFLDSK.L	11
PSTAT-81	proteomics_stat	67480	67542	-	5	5	R.FLEQGGFHAFITTTTFEDLHGLK.Q	25
PSTAT-82	proteomics_stat	68143	68196	-	5	2	K.LVLKPLGTTTPEITAICR.D	22
PSTAT-83	proteomics_stat	74539	74595	-	5	11	K.LTKPATTLEFTPAEVAAQR.Q	23
PSTAT-84	proteomics_stat	74698	74733	-	5	7	R.TAASKQPELAQK.F	16
PSTAT-85	proteomics_stat	74734	74799	-	5	5	K.KDNYAAANFSEGHYLQVEVAAR.T	26
PSTAT-86	proteomics_stat	74797	74862	-	5	2	K.GESDLVLSYTTSPAYHILEEK.D	26
PSTAT-87	proteomics_stat	74800	74862	-	5	3	K.GESDLVLSYTTSPAYHILEEK.K	25
PSTAT-88	proteomics_stat	74863	74895	-	5	2	K.GWSEAYGLFLK.G	15
PSTAT-89	proteomics_stat	74962	75003	-	5	5	R.TSTPGLGLLLWMQK.V	18
PSTAT-90	proteomics_stat	75025	75054	-	5	2	K.ELVESDQNRV.V	14
PSTAT-91	proteomics_stat	75205	75255	-	5	4	K.ADVVLGLDNNLLDAASK.T	21
PSTAT-92	proteomics_stat	75322	75357	-	5	4	K.KAFEADCNCELK.L	16
PSTAT-93	proteomics_stat	78869	78946	-	6	3	R.HCMMNGLDSIGLTLQHDDAIAAYEAK.Q	30
PSTAT-94	proteomics_stat	79085	79156	-	6	3	K.VVIAPSFADIFYGNSFNQLLPVK.L	28
PSTAT-95	proteomics_stat	79157	79195	-	6	2	R.EHAPWALTDYGFK.V	17
PSTAT-96	proteomics_stat	79476	79541	-	4	12	R.THLVSPAMAAAAVTGHFADIR.N	26
PSTAT-97	proteomics_stat	79716	79766	-	4	3	K.VAPGVQALVVPGSGPVK.A	21
PSTAT-98	proteomics_stat	79716	79769	-	4	4	R.KVAPGVQALVVPGSGPVK.A	22
PSTAT-99	proteomics_stat	79842	79901	-	4	2	K.ALAYMGLKPGIPLTEVAIDK.V	24
PSTAT-100	proteomics_stat	80625	80654	-	4	2	K.DINACGEMAR.I	14
PSTAT-101	proteomics_stat	80778	80840	-	4	4	K.LFDAHVVEAENETPLLYIDR.H	25
PSTAT-102	proteomics_stat	80888	80935	-	6	12	R.GAAAVSTDEMGIAR.Y	20
PSTAT-103	proteomics_stat	80987	81019	-	6	4	L.DADDAACAIER.A	15
PSTAT-104	proteomics_stat	80987	81025	-	6	2	Y.SLDADDAACAIER.A	17
PSTAT-105	proteomics_stat	80987	81028	-	6	7	R.YSLDADDAACAIER.A	18
PSTAT-106	proteomics_stat	81029	81079	-	6	17	K.NIANPIAQILSLALLR.Y	21
PSTAT-107	proteomics_stat	81254	81340	-	6	4	R.EIVNEIATEYPDVELAHMYIDNATMQLIK.D	33
PSTAT-108	proteomics_stat	81290	81340	-	6	2	R.EIVNEIATEYPDVELAH.M	21
PSTAT-109	proteomics_stat	81341	81373	-	6	3	K.ANVLQSSILWR.E	15
PSTAT-110	proteomics_stat	81341	81391	-	6	4	K.VTSIDKANVLQSSILWR.E	21
PSTAT-111	proteomics_stat	81452	81475	-	6	5	A.FDTEVYHR.F	12
PSTAT-112	proteomics_stat	81452	81478	-	6	3	K.AFDTEVYHR.F	13
PSTAT-113	proteomics_stat	81479	81508	-	6	2	K.GREGSGQYEK.A	14
PSTAT-114	proteomics_stat	81509	81544	-	6	3	R.ELTGGIYFGQPK.G	16
PSTAT-115	proteomics_stat	81545	81586	-	6	3	R.ADIAANGFDILCVR.E	18
PSTAT-116	proteomics_stat	81587	81622	-	6	4	K.LYQGLEAFCLR.A	16
PSTAT-117	proteomics_stat	81623	81649	-	6	5	K.LFSNLRPAK.L	13
PSTAT-118	proteomics_stat	81683	81718	-	6	29	K.WEHLPPDQQPER.G	16
PSTAT-119	proteomics_stat	81884	81949	-	6	18	K.NYHIAVLPDGDGIGPEVMTQALK.V	26

PSTAT-120	proteomics_stat	81884	81955	-	6	5	M.SKNYHIAVLPDGDGIGPEVMTQALK.V	28
PSTAT-121	proteomics_stat	81961	81993	-	5	4	K.AQHNENNKETV.-	15
PSTAT-122	proteomics_stat	81961	81996	-	5	4	R.KAQHNENNKETV.-	16
PSTAT-123	proteomics_stat	81997	82026	-	5	3	R.AAEVEKELQR.K	14
PSTAT-124	proteomics_stat	82027	82059	-	5	12	K.AMVHVLNNIWR.A	15
PSTAT-125	proteomics_stat	82060	82107	-	5	26	R.FHGVGLATDIVESSAK.A	20
PSTAT-126	proteomics_stat	82060	82110	-	5	9	R.RFHGVGLATDIVESSAK.A	21
PSTAT-127	proteomics_stat	82111	82155	-	5	12	K.DALGQVDIVANYNGR.R	19
PSTAT-128	proteomics_stat	82186	82215	-	5	4	R.ITEYNVELVK.Y	14
PSTAT-129	proteomics_stat	82216	82272	-	5	6	K.AEAANGNGPVDVAVYQAINR.I	23
PSTAT-130	proteomics_stat	82297	82353	-	5	5	R.LDYFSVQSGSNDIATAAVK.L	23
PSTAT-131	proteomics_stat	82297	82380	-	5	3	K.QQEPEHFRLDYFSVQSGSNDIATAAVK.L	32
PSTAT-132	proteomics_stat	82381	82428	-	5	55	K.GQVFDYDLEALAFIGK.Q	20
PSTAT-133	proteomics_stat	82381	82431	-	5	5	K.KGQVFDYDLEALAFIGK.Q	21
PSTAT-134	proteomics_stat	82444	82488	-	5	4	K.ESEYNLDNLYDAFLK.L	19
PSTAT-135	proteomics_stat	82444	82509	-	5	3	R.MDEMGYKESEYNLDNLYDAFLK.L	26
PSTAT-136	proteomics_stat	82537	82605	-	5	3	R.ENYEIMTPESIGLNQIQLNLTSR.S	27
PSTAT-137	proteomics_stat	82537	82611	-	5	31	K.NRENYEIMTPESIGLNQIQLNLTSR.S	29
PSTAT-138	proteomics_stat	82612	82644	-	5	4	H.SSGIHQDGVLK.N	15
PSTAT-139	proteomics_stat	82612	82674	-	5	22	K.AIVGSGAFAHSSGIHQDGVLK.N	25
PSTAT-140	proteomics_stat	82612	82701	-	5	4	I.CNMPIPANKAIVGSGAFAHSSGIHQDGVLK.N	34
PSTAT-141	proteomics_stat	82675	82725	-	5	4	R.TSQLVSIQCNMPIPANK.A	21
PSTAT-142	proteomics_stat	82726	82773	-	5	14	K.DILNVHTAINHQEIWR.T	20
PSTAT-143	proteomics_stat	82726	82776	-	5	3	R.KDILNVHTAINHQEIWR.T	21
PSTAT-144	proteomics_stat	82783	82824	-	5	9	R.AGNCSLEEVIMAIK.V	18
PSTAT-145	proteomics_stat	82825	82860	-	5	2	R.QVEGAMNGIGER.A	16
PSTAT-146	proteomics_stat	82861	82941	-	5	483	K.AIISVHTHDDLGLAVGNSLAAVHAGAR.Q	31
PSTAT-147	proteomics_stat	82960	83070	-	5	3	R.VVEAAINAGATTINIPDVTGVYTMPFEFAGIISGLYER.V	41
PSTAT-148	proteomics_stat	83071	83094	-	5	3	R.TPIADLAR.V	12
PSTAT-149	proteomics_stat	83095	83139	-	5	7	R.NYTDDVEFSCEDAGR.T	19
PSTAT-150	proteomics_stat	83167	83193	-	5	2	R.STLDEVIER.A	13
PSTAT-151	proteomics_stat	83200	83244	-	5	10	R.IHTFIATSPMHIATK.L	19
PSTAT-152	proteomics_stat	83263	83292	-	5	7	K.DIDVAAESLK.V	14
PSTAT-153	proteomics_stat	83263	83304	-	5	2	R.CVEKDIDVAAESLK.V	18
PSTAT-154	proteomics_stat	83341	83418	-	5	8	R.MGVDVMEVGFVPVSSPGDFESVQTIAR.Q	30
PSTAT-155	proteomics_stat	83419	83445	-	5	2	K.LQIALALER.M	13
PSTAT-156	proteomics_stat	83452	83490	-	5	7	R.DGEQALQASLSVK.E	17
PSTAT-157	proteomics_stat	95184	95243	-	4	13	R.DTRKRAKTFQMRRCCQVVDQR.S	24
PSTAT-158	proteomics_stat	111652	111708	-	5	3	R.IPSSGDLSESDDWSEEPKQ.-	23
PSTAT-159	proteomics_stat	111655	111699	-	5	2	S.SGDLSESDDWSEEPK.Q	19
PSTAT-160	proteomics_stat	111943	111993	-	5	2	R.LNLSLDSQLYPQISGHK.S	21
PSTAT-161	proteomics_stat	112558	112599	-	5	2	V.MQTQVLFHPLNEK.M	18
PSTAT-162	proteomics_stat	112656	112724	-	4	4	R.LAVADDVIDNNGAPDAIASDVAR.L	27
PSTAT-163	proteomics_stat	112734	112772	-	4	2	R.EHVEQILAAQATR.E	17
PSTAT-164	proteomics_stat	117965	118039	-	6	4	K.ASWLHPDAPVEVEVENLEELDEALK.A	29
PSTAT-165	proteomics_stat	118055	118087	-	6	4	K.ENHIIASGSVR.Q	15

PSTAT-166	proteomics_stat	118118	118153	-	6	3	K.YAVLCGGGANHR.L	16
PSTAT-167	proteomics_stat	118184	118237	-	6	4	R.HYVELLEGTNTQLLDTRK.T	22
PSTAT-168	proteomics_stat	118187	118237	-	6	4	R.HYVELLEGTNTQLLDTR.K	21
PSTAT-169	proteomics_stat	118187	118267	-	6	2	Q.TLSGVASKVRHYVELLEGTNTQLLDTR.K	31
PSTAT-170	proteomics_stat	118244	118288	-	6	3	R.TALNFVQTLSGVASK.V	19
PSTAT-171	proteomics_stat	118502	118549	-	6	4	R.EDLGGTVDANNDITAK.L	20
PSTAT-172	proteomics_stat	118502	118591	-	6	2	R.INLDIPGAVAQALREDLGGTVDANNDITAK.L	34
PSTAT-173	proteomics_stat	120364	120393	-	5	2	R.AKQEQGVVTR.F	14
PSTAT-174	proteomics_stat	120586	120624	-	5	3	R.MLFGLAQQGNAPK.A	17
PSTAT-175	proteomics_stat	121516	121548	-	5	3	M.MEGQQHGEQLK.R	15
PSTAT-176	proteomics_stat	134860	134907	-	5	5	K.HYMFHTKPEDLTDSEER.Q	20
PSTAT-177	proteomics_stat	134992	135048	-	5	15	K.HFIDHEINSIQNFMSSDDMK.A	23
PSTAT-178	proteomics_stat	135085	135141	-	5	12	K.ALNYLIHQLESDIVTIDYR.V	23
PSTAT-179	proteomics_stat	135250	135300	-	5	8	K.TEHPGPLPETVVAHLDK.S	21
PSTAT-180	proteomics_stat	135250	135312	-	5	10	K.LIDKTEHPGPLPETVVAHLDK.S	25
PSTAT-181	proteomics_stat	135313	135378	-	5	4	R.QDYEPQGASVTILVSEEPVDPK.L	26
PSTAT-182	proteomics_stat	135379	135441	-	5	2	R.LTEILSETCSIIGANILNIAR.Q	25
PSTAT-183	proteomics_stat	135442	135486	-	5	3	R.DGYIAYIDELYNANR.L	19
PSTAT-184	proteomics_stat	135601	135678	-	5	4	R.YYNAIHTAAAFALPQYLQDALASQPS.-	30
PSTAT-185	proteomics_stat	135706	135735	-	5	7	R.HLSTEIIQAR.F	14
PSTAT-186	proteomics_stat	136066	136110	-	5	3	R.QYLPNHNAGSYDDPR.F	19
PSTAT-187	proteomics_stat	136186	136227	-	5	10	K.HVLIIGGGDGMAMLR.E	18
PSTAT-188	proteomics_stat	136330	136377	-	5	18	K.TDHQDLIIFENAAFGR.V	20
PSTAT-189	proteomics_stat	138838	138882	-	5	2	K.MGDYIVAYALPDDVK.-	19
PSTAT-190	proteomics_stat	138931	138981	-	5	4	R.LPAGGQATPMTYEVNGK.Q	21
PSTAT-191	proteomics_stat	138997	139023	-	5	4	R.AYNMSNGEK.L	13
PSTAT-192	proteomics_stat	139231	139326	-	5	4	K.GTGTESGIQPQYGVYPYGVTLNPFLLSPFGLPCK.Q	36
PSTAT-193	proteomics_stat	139327	139365	-	5	2	R.GPGNPMQPKDAK.G	17
PSTAT-194	proteomics_stat	139378	139422	-	5	2	R.EVAIANPMALPFVSK.L	19
PSTAT-195	proteomics_stat	139546	139602	-	5	2	K.DLSGADMWGMATMFDQLVCR.V	23
PSTAT-196	proteomics_stat	139660	139716	-	5	4	R.NGELVVPAPKVPVQGAAG.G	23
PSTAT-197	proteomics_stat	139870	139911	-	5	2	R.YASSILALNATTGK.L	18
PSTAT-198	proteomics_stat	140194	140277	-	5	4	K.GVLNLQSNMPDTPKGLYEPTSPPIITDK.T	32
PSTAT-199	proteomics_stat	140302	140331	-	5	2	R.LIAINAENGK.L	14
PSTAT-200	proteomics_stat	140362	140403	-	5	3	K.AETASPEVMADCP.R	18
PSTAT-201	proteomics_stat	140428	140460	-	5	6	K.TNESFQHVTCR.G	15
PSTAT-202	proteomics_stat	140521	140559	-	5	3	K.VGDTLYLCTAHQR.L	17
PSTAT-203	proteomics_stat	140560	140622	-	5	2	R.TGDVKQPNDPGEITNEVTPIK.V	25
PSTAT-204	proteomics_stat	140641	140673	-	5	4	K.QINADNVHNLK.E	15
PSTAT-205	proteomics_stat	142077	142103	-	4	19	R.DLDVTATNR.E	13
PSTAT-206	proteomics_stat	142104	142151	-	4	2	K.VTIHGWAYGIHDGLLR.D	20
PSTAT-207	proteomics_stat	142164	142244	-	4	8	R.LDTLCELNVMEQVYNLGHSTIMQSAWK.R	31
PSTAT-208	proteomics_stat	142248	142283	-	4	6	K.HSSLLGEMPQER.R	16
PSTAT-209	proteomics_stat	142479	142514	-	4	2	L.TGLEPGELFVHR.N	16
PSTAT-210	proteomics_stat	142479	142517	-	4	5	R.LTGLEPGELFVHR.N	17
PSTAT-211	proteomics_stat	142623	142664	-	4	2	K.DIDTLISNNALWSK.M	18

PSTAT-212	proteomics_stat	142623	142670	-	4	13	S.MKDIDTLISNNALWSK.M	20
PSTAT-213	proteomics_stat	146347	146397	-	5	9	R.TWRPNVAYFEGDNEMKR.T	21
PSTAT-214	proteomics_stat	146503	146532	-	5	3	R.FSTYIAIAER.G	14
PSTAT-215	proteomics_stat	146623	146652	-	5	6	K.VTHADLHYEG.S	14
PSTAT-216	proteomics_stat	146623	146658	-	5	4	R.VKVTHADLHYEG.S	16
PSTAT-217	proteomics_stat	148016	148057	-	6	5	R.DADTLLEVSETSKR.A	18
PSTAT-218	proteomics_stat	148019	148057	-	6	6	R.DADTLLEVSETSK.R	17
PSTAT-219	proteomics_stat	148088	148135	-	6	5	R.DLDEIITIAGQELNEK.G	20
PSTAT-220	proteomics_stat	148088	148177	-	6	6	K.VLSSIADKLQAGERDLDEIITIAGQELNEK.G	34
PSTAT-221	proteomics_stat	148136	148177	-	6	9	K.VLSSIADKLQAGER.D	18
PSTAT-222	proteomics_stat	148136	148198	-	6	2	K.IAPGLYKVLSSIADKLQAGER.D	25
PSTAT-223	proteomics_stat	148202	148228	-	6	6	R.NGYLTAEQR.K	13
PSTAT-224	proteomics_stat	148229	148252	-	6	3	K.DGLALSSR.N	12
PSTAT-225	proteomics_stat	148229	148258	-	6	6	R.AKDGLALSSR.N	14
PSTAT-226	proteomics_stat	148316	148387	-	6	3	K.LFNLVQPDIAFCGEKDFQQLALIR.K	28
PSTAT-227	proteomics_stat	148316	148390	-	6	2	S.KLFNLVQPDIAFCGEKDFQQLALIR.K	29
PSTAT-228	proteomics_stat	148343	148387	-	6	5	K.LFNLVQPDIAFCGEK.D	19
PSTAT-229	proteomics_stat	148412	148507	-	6	14	K.EIYPNGTETHYVDVPLSTMLEGASRPGFHFR.G	36
PSTAT-230	proteomics_stat	148508	148540	-	6	7	R.KVDLVFAPSVK.E	15
PSTAT-231	proteomics_stat	148679	148726	-	6	11	R.VALVPTMGNLHDGHMK.L	20
PSTAT-232	proteomics_stat	148810	148866	-	5	7	R.QYMAEVESGVYPGEEHSFH.-	23
PSTAT-233	proteomics_stat	148918	149031	-	5	17	R.ITEALAIIPVIGIGAGNVTDGQILVMHDAFGITGGHIPK.F	42
PSTAT-234	proteomics_stat	148918	149034	-	5	2	K.RITEALAIIPVIGIGAGNVTDGQILVMHDAFGITGGHIPK.F	43
PSTAT-235	proteomics_stat	149032	149136	-	5	2	R.GDEAGDQLLSDALALEAAGAQLLVLECVVELAKR.I	39
PSTAT-236	proteomics_stat	149035	149136	-	5	73	R.GDEAGDQLLSDALALEAAGAQLLVLECVVELAK.R	38
PSTAT-237	proteomics_stat	149149	149214	-	5	5	R.AVPVCGHLGLTPQSVNIFGGYK.V	26
PSTAT-238	proteomics_stat	149215	149265	-	5	54	K.IEGGEWLVETVQMLTER.A	21
PSTAT-239	proteomics_stat	149287	149346	-	5	2	L.PFMAYATPEQAFENAATVMR.A	24
PSTAT-240	proteomics_stat	149287	149349	-	5	3	D.LPFMAYATPEQAFENAATVMR.A	25
PSTAT-241	proteomics_stat	149287	149367	-	5	2	N.CLLLADLPFMAYATPEQAFENAATVMR.A	31
PSTAT-242	proteomics_stat	149287	149379	-	5	10	R.GAPNCLLLADLPFMAYATPEQAFENAATVMR.A	35
PSTAT-243	proteomics_stat	149287	149382	-	5	5	R.RGAPNCLLLADLPFMAYATPEQAFENAATVMR.A	36
PSTAT-244	proteomics_stat	149569	149601	-	5	12	V.MKPTTISLLQK.Y	15
PSTAT-245	proteomics_stat	158053	158130	-	5	2	K.IAQESGLTYHDAFALAMNDVLDEACR.S	30
PSTAT-246	proteomics_stat	158755	158805	-	5	4	R.LAHVMFGPEIIEVATFR.G	21
PSTAT-247	proteomics_stat	158848	158889	-	5	5	K.DFDVTTNATPEQVR.K	18
PSTAT-248	proteomics_stat	158977	159003	-	5	2	R.KDISENALK.V	13
PSTAT-249	proteomics_stat	160344	160379	-	4	2	R.AAQEEFSLER.N	16
PSTAT-250	proteomics_stat	160380	160433	-	4	9	R.TVTHMQDEANFPDPVDR.A	22
PSTAT-251	proteomics_stat	160434	160460	-	4	5	R.NQLRDEVDR.T	13
PSTAT-252	proteomics_stat	160482	160580	-	4	17	K.TSSLSILAIAGVEPYQEKPGEEYMNEAQLAHFR.R	37
PSTAT-253	proteomics_stat	160482	160583	-	4	10	R.KTSSLSILAIAGVEPYQEKPGEEYMNEAQLAHFR.R	38
PSTAT-254	proteomics_stat	174046	174087	-	5	2	K.IIGGGMPVGAFFGR.R	18
PSTAT-255	proteomics_stat	174151	174210	-	5	3	R.ALCDEFGALLIIDEVMTGFR.V	24
PSTAT-256	proteomics_stat	174319	174360	-	5	4	K.YTLTCTYNDLASVR.A	18
PSTAT-257	proteomics_stat	174361	174426	-	5	4	K.AGSGALTLGQPNSPGVPADFAK.Y	26

PSTAT-258	proteomics_stat	174511	174552	-	5	5	R.MVNSGTEATMSAIR.L	18
PSTAT-259	proteomics_stat	174553	174600	-	5	5	K.MAQLVTELVPTMDMVR.M	20
PSTAT-260	proteomics_stat	174601	174639	-	5	2	R.GLSFGAPTEMEVK.M	17
PSTAT-261	proteomics_stat	174640	174666	-	5	2	R.NAVIEAER.G	13
PSTAT-262	proteomics_stat	174667	174732	-	5	5	K.AYIDYVGSWGPMLVGHNHPAIR.N	26
PSTAT-263	proteomics_stat	174733	174765	-	5	2	A.DGAYLYDVDGK.A	15
PSTAT-264	proteomics_stat	174733	174768	-	5	3	K.ADGAYLYDVDGK.A	16
PSTAT-265	proteomics_stat	174769	174810	-	5	3	R.AFTGVGGTPLFIEK.A	18
PSTAT-266	proteomics_stat	174847	174879	-	5	5	M.SKSENLYSAAR.E	15
PSTAT-267	proteomics_stat	178470	178505	-	4	2	K.QSSLMVESLVQK.L	16
PSTAT-268	proteomics_stat	178506	178574	-	4	5	R.AISDVADQSHLSFDEFLAVAAK.Q	27
PSTAT-269	proteomics_stat	178674	178727	-	4	86	R.GLIVSGDAFINGSVGLAK.I	22
PSTAT-270	proteomics_stat	178728	178781	-	4	2	K.LIAAAEACIAELNLNAVR.G	22
PSTAT-271	proteomics_stat	178728	178793	-	4	4	K.ADDKLIAAEACIAELNLNAVR.G	26
PSTAT-272	proteomics_stat	178866	178898	-	4	6	K.VGDIVVSDEAR.Y	15
PSTAT-273	proteomics_stat	178899	178958	-	4	3	H.CKPDVIINTGSAGGLAPTLK.V	24
PSTAT-274	proteomics_stat	178899	178997	-	4	110	K.VAAALGATLLEHCKPDVIINTGSAGGLAPTLK.V	37
PSTAT-275	proteomics_stat	179013	179084	-	4	2	R.QTISLGGCEIYTGQLNGTEVALLK.S	28
PSTAT-276	proteomics_stat	179103	179147	-	4	53	K.IGIIGAMEEVTLLR.D	19
PSTAT-277	proteomics_stat	183724	183753	-	5	3	K.ISEIEADLEK.L	14
PSTAT-278	proteomics_stat	183754	183780	-	5	24	R.HLESVVTNK.I	13
PSTAT-279	proteomics_stat	183781	183801	-	5	2	R.KILDDL.R	11
PSTAT-280	proteomics_stat	183802	183828	-	5	4	R.DRSEVDLKR.K	13
PSTAT-281	proteomics_stat	183805	183828	-	5	2	R.DRSEVDLKR.R	12
PSTAT-282	proteomics_stat	183829	183864	-	5	4	R.YIIDEILDQICQR.D	16
PSTAT-283	proteomics_stat	183865	183894	-	5	3	K.EVQEISPNLR.Y	14
PSTAT-284	proteomics_stat	183865	183930	-	5	4	K.TVVADGVGGQYKEVQEISPNLR.Y	26
PSTAT-285	proteomics_stat	183865	183933	-	5	6	R.KTVVADGVGGQYKEVQEISPNLR.Y	27
PSTAT-286	proteomics_stat	183895	183930	-	5	2	K.TVVADGVGGQYK.E	16
PSTAT-287	proteomics_stat	183895	183933	-	5	6	R.KTVVADGVGGQYK.E	17
PSTAT-288	proteomics_stat	184003	184041	-	5	3	R.YSLRQEANNILK.I	17
PSTAT-289	proteomics_stat	184042	184077	-	5	4	K.SLGITNPEEIDR.Y	16
PSTAT-290	proteomics_stat	185135	185158	-	6	3	K.VGINELLR.T	12
PSTAT-291	proteomics_stat	185135	185164	-	6	5	R.GKVGINELLR.T	14
PSTAT-292	proteomics_stat	185216	185269	-	6	16	R.VPAGSVVSGNLPSKD.GK.Y	22
PSTAT-293	proteomics_stat	185225	185269	-	6	7	R.VPAGSVVSGNLPSK.D	19
PSTAT-294	proteomics_stat	185270	185296	-	6	9	R.ETGEIHYGR.V	13
PSTAT-295	proteomics_stat	185270	185305	-	6	2	I.YDRETGEIHYGR.V	16
PSTAT-296	proteomics_stat	185270	185308	-	6	12	R.IYDRETGEIHYGR.V	17
PSTAT-297	proteomics_stat	185387	185485	-	6	204	K.NVHLSGGVGIGGVLEPLQANPTIIEDNCFIAR.S	37
PSTAT-298	proteomics_stat	185486	185590	-	6	18	R.NTVLMPYSYVNIAGYVDEGTMVDTWATVGSCAQIGK.N	39
PSTAT-299	proteomics_stat	185657	185680	-	6	3	K.FADYDEAR.F	12
PSTAT-300	proteomics_stat	185681	185704	-	6	11	R.YFDKVP.MK.F	12
PSTAT-301	proteomics_stat	185705	185743	-	6	12	R.INDNQVIEGAESR.Y	17
PSTAT-302	proteomics_stat	185744	185767	-	6	2	K.KAVLLSFR.I	12
PSTAT-303	proteomics_stat	185768	185803	-	6	16	K.IDGQWVTHQWLK.K	16

PSTAT-304	proteomics_stat	185768	185815	-	6	5	R.VAEKIDGQWVTHQWLK.K	20
PSTAT-305	proteomics_stat	185816	185863	-	6	24	R.EAVNQVIALLD SGALR.V	20
PSTAT-306	proteomics_stat	185816	185902	-	6	2	R.AEITPANADTVTREA VNQVIALLD SGALR.V	33
PSTAT-307	proteomics_stat	185864	185902	-	6	4	R.AEITPANADTVTR.E	17
PSTAT-308	proteomics_stat	185864	185905	-	6	28	R.RAEITPANADTVTR.E	18
PSTAT-309	proteomics_stat	185906	185944	-	6	2	M.QQLQNIIE TAFER.R	17
PSTAT-310	proteomics_stat	185906	185947	-	6	35	T.MQQLQNIIE TAFER.R	18
PSTAT-311	proteomics_stat	186014	186052	-	6	4	R.ALNNELQQEVHQR.L	17
PSTAT-312	proteomics_stat	186419	186457	-	6	3	R.NLSVHDAQIF TTR.D	17
PSTAT-313	proteomics_stat	186536	186595	-	6	4	R.HLLQHDL SKPLVLLSPQATR.G	24
PSTAT-314	proteomics_stat	187019	187090	-	6	4	R.GGDHSILGAQDVVHF AELHGLNSR.E	28
PSTAT-315	proteomics_stat	188715	188750	-	4	3	K.DDTIPAIISHDE.-	16
PSTAT-316	proteomics_stat	188715	188753	-	4	8	R.KDDTIPAIISHDE.-	17
PSTAT-317	proteomics_stat	188754	188822	-	4	2	R.SLSAQYEHTIVVTDNGCEILTLR.K	27
PSTAT-318	proteomics_stat	188871	188939	-	4	6	R.ETNVVLKPGMTFTIEPMVNAGKK.E	27
PSTAT-319	proteomics_stat	188940	188981	-	4	18	R.GFHEEPQVLHYDSR.E	18
PSTAT-320	proteomics_stat	188982	189008	-	4	4	R.EYCGHGIGR.G	13
PSTAT-321	proteomics_stat	189009	189041	-	4	2	K.FVEAEGFSVVR.E	15
PSTAT-322	proteomics_stat	189135	189173	-	4	6	K.MFIVGKPTIMGER.L	17
PSTAT-323	proteomics_stat	189201	189248	-	4	4	K.LLKDGDIVNIDVTVIK.D	20
PSTAT-324	proteomics_stat	189306	189377	-	4	2	R.ICNDYIVNEQHAVSACLG YHGYPK.S	28
PSTAT-325	proteomics_stat	189378	189449	-	4	14	R.LAAEVLEMI EPYVKPGVSTGELDR.I	28
PSTAT-326	proteomics_stat	189964	190014	-	5	3	R.YSFLKVDDVNFVTRTED.E	21
PSTAT-327	proteomics_stat	190474	190548	-	5	23	R.TAFTYGCSNSAQVQGHSTDCVVVTR.D	29
PSTAT-328	proteomics_stat	213681	213731	-	4	4	K.ITSFSHPEIGTVVSES.-	21
PSTAT-329	proteomics_stat	213750	213794	-	4	6	R.KNVEYLVVEAAGETR.E	19
PSTAT-330	proteomics_stat	213792	213815	-	4	3	K.ASDLVSRK.N	12
PSTAT-331	proteomics_stat	213982	214029	-	5	5	K.VLNEMAADDAL SEAVR.E	20
PSTAT-332	proteomics_stat	217072	217101	-	5	3	K.TGDIVEYLVK.Q	14
PSTAT-333	proteomics_stat	217135	217158	-	5	2	L.DNDDIEYK.Y	12
PSTAT-334	proteomics_stat	217135	217161	-	5	3	N.LDNDDIEYK.Y	13
PSTAT-335	proteomics_stat	217135	217164	-	5	5	R.NLDNDDIEYK.Y	14
PSTAT-336	proteomics_stat	217165	217236	-	5	24	K.ERPGVMFADMELIGIPHTIVLGDR.N	28
PSTAT-337	proteomics_stat	217237	217272	-	5	2	R.AQGIEVLLDDRK.E	16
PSTAT-338	proteomics_stat	217321	217386	-	5	4	R.GIVWPDIAIPFQVAILPMNMHK.S	26
PSTAT-339	proteomics_stat	217387	217425	-	5	5	R.VVAAAIEQNYDER.G	17
PSTAT-340	proteomics_stat	217426	217470	-	5	7	R.NQILTMGCY GIGVTR.V	19
PSTAT-341	proteomics_stat	217516	217554	-	5	9	R.GIEVGHIFQLG TK.Y	17
PSTAT-342	proteomics_stat	217516	217557	-	5	4	K.RGIEVGHIFQLG TK.Y	18
PSTAT-343	proteomics_stat	217570	217608	-	5	2	N.VVAGDPSPDGQGR.L	17
PSTAT-344	proteomics_stat	217570	217611	-	5	8	R.NVVAGDPSPDGQGR.L	18
PSTAT-345	proteomics_stat	217612	217644	-	5	7	R.DVATPEVADIR.N	15
PSTAT-346	proteomics_stat	217612	217671	-	5	10	K.HYFGINWDRD VVATPEVADIR.N	24
PSTAT-347	proteomics_stat	217672	217722	-	5	7	R.TVAAMSDFAAGANIDGK.H	21
PSTAT-348	proteomics_stat	217723	217779	-	5	4	K.AGPGSLGPVNMPIPVVIDR.T	23
PSTAT-349	proteomics_stat	217792	217842	-	5	7	K.LPQVASPLTFATEEEIR.A	21

PSTAT-350	proteomics_stat	217792	217851	-	5	5	K.AEKLQVASPLTFATEEEIR.A	24
PSTAT-351	proteomics_stat	217843	217878	-	5	8	R.GDHELNEVKAEK.L	16
PSTAT-352	proteomics_stat	217852	217878	-	5	14	R.GDHELNEVK.A	13
PSTAT-353	proteomics_stat	217879	217923	-	5	3	K.AVEGSSFPQVALLVR.G	19
PSTAT-354	proteomics_stat	217948	217992	-	5	15	K.TIAELVEQFNLPIEK.T	19
PSTAT-355	proteomics_stat	217993	218040	-	5	6	R.AAATQEMTLVDTPNAK.T	20
PSTAT-356	proteomics_stat	218227	218301	-	5	23	K.DAYSFHTSQESLQETYDAMYAAYSK.I	29
PSTAT-357	proteomics_stat	218362	218397	-	5	3	K.QLPLNFYQIQTK.F	16
PSTAT-358	proteomics_stat	218398	218418	-	5	2	R.NELSSYK.Q	11
PSTAT-359	proteomics_stat	218398	218478	-	5	2	R.GERPVLGPTHEEVITDLIRNELSSYK.Q	31
PSTAT-360	proteomics_stat	218419	218478	-	5	14	R.GERPVLGPTHEEVITDLIR.N	24
PSTAT-361	proteomics_stat	218419	218490	-	5	16	R.FVDRGERPFVLGPTHEEVITDLIR.N	28
PSTAT-362	proteomics_stat	218491	218520	-	5	2	R.WEQYGPELLR.F	14
PSTAT-363	proteomics_stat	218521	218601	-	5	4	R.EEMNNAAGAEVSMPPVQPADLWQESGR.W	31
PSTAT-364	proteomics_stat	218632	218673	-	5	5	K.LASGLYTWLPTGVR.V	18
PSTAT-365	proteomics_stat	218632	218676	-	5	5	R.KLASGLYTWLPTGVR.V	19
PSTAT-366	proteomics_stat	218692	218739	-	5	4	K.ETPADAEVISHQLMLR.A	20
PSTAT-367	proteomics_stat	218692	218769	-	5	3	R.TSQYLLSTLKETPADAEVISHQLMLR.A	30
PSTAT-368	proteomics_stat	218740	218769	-	5	2	R.TSQYLLSTLK.E	14
PSTAT-369	proteomics_stat	219271	219318	-	5	2	R.STFRPNPIGMSLVELK.E	20
PSTAT-370	proteomics_stat	219729	219776	-	4	2	S.CQASNQDSPPSIPTAR.K	20
PSTAT-371	proteomics_stat	219729	219803	-	4	41	R.DLGEVSGDSCQASNQDSPPSIPTAR.K	29
PSTAT-372	proteomics_stat	219756	219803	-	4	2	R.DLGEVSGDSCQASNQD.S	20
PSTAT-373	proteomics_stat	219804	219845	-	4	7	R.IYTNAEELVGKPF.R	18
PSTAT-374	proteomics_stat	220146	220193	-	4	11	K.FVQAYQSDEVYEAANK.V	20
PSTAT-375	proteomics_stat	220146	220196	-	4	8	K.KFVQAYQSDEVYEAANK.V	21
PSTAT-376	proteomics_stat	220227	220283	-	4	4	K.DGIFVEDKESPVVNLIVTR.E	23
PSTAT-377	proteomics_stat	220260	220283	-	4	3	K.DGIFVEDK.E	12
PSTAT-378	proteomics_stat	220284	220361	-	4	40	R.SLDDAQIALAVINTTYASQIGLTPAK.D	30
PSTAT-379	proteomics_stat	220362	220394	-	4	4	K.IVELEAPQLPR.S	15
PSTAT-380	proteomics_stat	220404	220460	-	4	13	K.LKDGVGLLPTVLDVVENPK.N	23
PSTAT-381	proteomics_stat	220497	220562	-	4	27	K.SLDELQDGSQVAVPNDPTNLGR.S	26
PSTAT-382	proteomics_stat	220572	220622	-	4	12	K.LVAVGNTFVYPIAGYSK.K	21
PSTAT-383	proteomics_stat	220572	220625	-	4	4	Y.KLVAVGNTFVYPIAGYSK.K	22
PSTAT-384	proteomics_stat	220632	220694	-	4	12	K.GDIDANAFQHHPYLDQQLKDR.G	25
PSTAT-385	proteomics_stat	220638	220694	-	4	12	K.GDIDANAFQHHPYLDQQLK.D	23
PSTAT-386	proteomics_stat	220695	220766	-	4	11	K.DKYGLDVELVTFNDYVLPNEALSK.G	28
PSTAT-387	proteomics_stat	220776	220826	-	4	31	K.VGVIVGAEQQVAEVAQK.V	21
PSTAT-388	proteomics_stat	221250	221303	-	4	2	R.MVENALLEIPTGLIEASR.A	22
PSTAT-389	proteomics_stat	221722	221778	-	5	2	R.FNVNNNIIISAQMDYAGGVK.F	23
PSTAT-390	proteomics_stat	221782	221835	-	5	5	R.LEFTQGSVDAPLLSETAR.R	22
PSTAT-391	proteomics_stat	222115	222153	-	5	2	C.DEATSALDPATTR.S	17
PSTAT-392	proteomics_stat	222115	222165	-	5	4	K.VLLCDEATSALDPATTR.S	21
PSTAT-393	proteomics_stat	222208	222246	-	5	2	K.HDSYPSNLSGGQK.Q	17
PSTAT-394	proteomics_stat	222208	222285	-	5	5	R.VTELLSLVGLGDKHDSYPSNLSGGQK.Q	30
PSTAT-395	proteomics_stat	222208	222288	-	5	2	R.RVTELLSLVGLGDKHDSYPSNLSGGQK.Q	31

PSTAT-396	proteomics_stat	222355	222399	-	5	3	R.QIGMIFQHFNLLSSR.T	19
PSTAT-397	proteomics_stat	222514	222597	-	5	7	R.TIQALNNVSLHVPAGQIYGVIGASGAGK.S	32
PSTAT-398	proteomics_stat	230618	230674	-	6	5	R.VQSILQEMAAAESEIMETR.N	23
PSTAT-399	proteomics_stat	234063	234128	-	4	2	R.TEDIDLINVINEETLLQQPEER.F	26
PSTAT-400	proteomics_stat	234213	234263	-	4	2	K.FALSILPHDLSINDYYR.K	21
PSTAT-401	proteomics_stat	234330	234374	-	4	2	R.LFEGTASQMYQSLKK.L	19
PSTAT-402	proteomics_stat	234333	234374	-	4	2	R.LFEGTASQMYQSLK.K	18
PSTAT-403	proteomics_stat	234513	234578	-	4	2	K.FPQIVVYGPQETQDKGTTQVVK.D	26
PSTAT-404	proteomics_stat	234714	234782	-	4	4	S.MNLNSIPAFDDNYIWWLNDEAGR.C	27
PSTAT-405	proteomics_stat	235652	235684	-	6	2	R.LDAALGQHQIK.W	15
PSTAT-406	proteomics_stat	239578	239610	-	5	3	R.VGSDGNGCHYR.G	15
PSTAT-407	proteomics_stat	239869	239916	-	5	2	N.RFLLVEPGGTVHFYDK.R	20
PSTAT-408	proteomics_stat	240121	240174	-	5	4	K.ITLLQQPLVWMDGPANLR.H	22
PSTAT-409	proteomics_stat	240883	240948	-	5	2	R.SINVDDFDPEELATKPKLPEK.V	26
PSTAT-410	proteomics_stat	240895	240948	-	5	2	R.SINVDDFDPEELATKPKV.L	22
PSTAT-411	proteomics_stat	240970	241008	-	5	6	K.GLIDKDEAAILVK.A	17
PSTAT-412	proteomics_stat	241009	241041	-	5	5	R.LDELAHNALVK.G	15
PSTAT-413	proteomics_stat	241081	241128	-	5	2	L.EEALVDVIAADPIHQR.I	20
PSTAT-414	proteomics_stat	241081	241143	-	5	32	N.PVGLLEEALVDVIAADPIHQR.I	25
PSTAT-415	proteomics_stat	241081	241173	-	5	65	R.GQYLTPEHNVPVGLLEEALVDVIAADPIHQR.I	35
PSTAT-416	proteomics_stat	241189	241215	-	5	2	K.ILQVFNATR.S	13
PSTAT-417	proteomics_stat	241225	241260	-	5	2	R.HYLAPSDKLDHK.V	16
PSTAT-418	proteomics_stat	241237	241260	-	5	2	R.HYLAPSDK.L	12
PSTAT-419	proteomics_stat	241423	241473	-	5	2	R.LGDILSQLYLASAVLKR.Y	21
PSTAT-420	proteomics_stat	241426	241473	-	5	9	R.LGDILSQLYLASAVLK.R	20
PSTAT-421	proteomics_stat	241426	241476	-	5	2	A.RLGDILSQLYLASAVLK.R	21
PSTAT-422	proteomics_stat	241498	241560	-	5	143	R.LSANLALLSDVSMVAVLGGSLK.R	25
PSTAT-423	proteomics_stat	241582	241623	-	5	4	R.GLTSSTPTGDATKR.Y	18
PSTAT-424	proteomics_stat	241585	241623	-	5	4	R.GLTSSTPTGDATK.R	17
PSTAT-425	proteomics_stat	241585	241626	-	5	2	T.RGLTSSTPTGDATK.R	18
PSTAT-426	proteomics_stat	241693	241719	-	5	2	K.NNDVNAFDK.L	13
PSTAT-427	proteomics_stat	241792	241848	-	5	5	R.AYQGAPIAITVEGANILTR.S	23
PSTAT-428	proteomics_stat	241849	241884	-	5	2	K.GIMLGQSNFLAR.A	16
PSTAT-429	proteomics_stat	242233	242280	-	5	9	R.GKDVFPIDYIIGGPK.M	20
PSTAT-430	proteomics_stat	242281	242322	-	5	15	R.HFPLNVPFQNGPTR.G	18
PSTAT-431	proteomics_stat	242326	242403	-	5	3	K.LLGAEDLGITCALIPTTTTPGVEIGR.R	30
PSTAT-432	proteomics_stat	242422	242469	-	5	10	R.YITLAPIATVGLAFK.L	20
PSTAT-433	proteomics_stat	242893	242946	-	5	3	R.LTAAEQAFLDGPVEEACR.M	22
PSTAT-434	proteomics_stat	242974	243048	-	5	6	R.TEKEAIDAGTTWEGDLFQGKPDWK.K	29
PSTAT-435	proteomics_stat	246284	246313	-	6	5	K.NSEAGIDVHK.A	14
PSTAT-436	proteomics_stat	246398	246478	-	6	3	R.ARIDEDLKNQAADVLAGMGLTISDLVR.I	31
PSTAT-437	proteomics_stat	254403	254453	-	4	17	K.TPNIQIIHAGLECGLFK.K	21
PSTAT-438	proteomics_stat	254403	254465	-	4	6	R.LFNKTPNIQIIHAGLECGLFK.K	25
PSTAT-439	proteomics_stat	254481	254537	-	4	2	K.GAYPGWQPDANSPVMHLVR.E	23
PSTAT-440	proteomics_stat	254565	254621	-	4	10	R.SLIDSGKDYVVSMLDSLK.L	23
PSTAT-441	proteomics_stat	254718	254747	-	4	2	L.LNATPNGVIR.N	14



PSTAT-442	proteomics_stat	254718	254750	-	4	2	R.LLNATPNGVIR.N	15
PSTAT-443	proteomics_stat	254772	254828	-	4	9	K.NLALLLDSVANDKAALIAK.S	23
PSTAT-444	proteomics_stat	254790	254828	-	4	4	K.NLALLLDSVANDK.A	17
PSTAT-445	proteomics_stat	254829	254885	-	4	5	K.SLVNTYQEILKNELAEKEK.N	23
PSTAT-446	proteomics_stat	254835	254885	-	4	8	K.SLVNTYQEILKNELAEK.E	21
PSTAT-447	proteomics_stat	254886	254936	-	4	9	R.EAFATIAVAADKVDVLK.S	21
PSTAT-448	proteomics_stat	254952	254981	-	4	2	R.LIDFNGGTLR.N	14
PSTAT-449	proteomics_stat	254982	255017	-	4	3	R.FLAGHAEELDLR.L	16
PSTAT-450	proteomics_stat	255030	255080	-	4	9	K.GGHSGGEIHVGLGNANK.L	21
PSTAT-451	proteomics_stat	255399	255467	-	4	3	K.NNDTVHDFTKDPYIDGGEVVK.A	27
PSTAT-452	proteomics_stat	255438	255467	-	4	4	K.NNDTVHDFTK.D	14
PSTAT-453	proteomics_stat	255468	255512	-	4	4	R.KPVVLQAHLDMPQK.N	19
PSTAT-454	proteomics_stat	255594	255662	-	4	28	K.ICSHIPPSYHEEQLAEYIVGWAK.E	27
PSTAT-455	proteomics_stat	255663	255713	-	4	6	V.SELSLSLSPQLWDIFAK.I	21
PSTAT-456	proteomics_stat	283283	283312	-	6	2	F.DGFIGEDIPR.G	14
PSTAT-457	proteomics_stat	286964	287041	-	6	3	Q.LRVKRTGVEIVPPVARNGCRLLGYLR.A	30
PSTAT-458	proteomics_stat	287790	287837	-	4	3	R.EQGYALDSEENEQVGR.C	20
PSTAT-459	proteomics_stat	288063	288101	-	4	2	R.TGQTTHLGILDGR.E	17
PSTAT-460	proteomics_stat	288312	288359	-	4	2	R.ALQILDLFNEQATELK.I	20
PSTAT-461	proteomics_stat	288669	288719	-	4	6	K.FLHCLPAFHDDQTTLGK.Q	21
PSTAT-462	proteomics_stat	288669	288719	-	4	6	K.FLHCLPAFHDDQTTLGK.Q	21
PSTAT-463	proteomics_stat	288669	288722	-	4	2	V.KFLHCLPAFHDDQTTLGK.Q	22
PSTAT-464	proteomics_stat	288669	288722	-	4	2	V.KFLHCLPAFHDDQTTLGK.Q	22
PSTAT-465	proteomics_stat	288975	289031	-	4	8	R.NNMGNSMLEAAAALTGLDLR.L	23
PSTAT-466	proteomics_stat	288975	289031	-	4	8	R.NNMGNSMLEAAAALTGLDLR.L	23
PSTAT-467	proteomics_stat	289032	289073	-	4	8	K.AFNEMTLVYAGDAR.N	18
PSTAT-468	proteomics_stat	289032	289073	-	4	8	K.AFNEMTLVYAGDAR.N	18
PSTAT-469	proteomics_stat	289245	289268	-	4	3	K.ESIKDTAR.V	12
PSTAT-470	proteomics_stat	289245	289268	-	4	3	K.ESIKDTAR.V	12
PSTAT-471	proteomics_stat	289269	289310	-	4	9	R.VTYLGPSPGSQIGHK.E	18
PSTAT-472	proteomics_stat	289269	289310	-	4	9	R.VTYLGPSPGSQIGHK.E	18
PSTAT-473	proteomics_stat	289437	289496	-	4	3	K.LLDFTPAQFTSLTLAAQLK.A	24
PSTAT-474	proteomics_stat	311676	311705	-	4	6	K.ERHPDCQIVK.R	14
PSTAT-475	proteomics_stat	311786	311815	-	6	2	R.TVASEGNVAR.F	14
PSTAT-476	proteomics_stat	311846	311902	-	6	128	R.EIELDGVTYPYVTIDVSSK.S	23
PSTAT-477	proteomics_stat	311846	311911	-	6	11	K.TDREIELDGVTYPYVTIDVSSK.S	26
PSTAT-478	proteomics_stat	311903	311929	-	6	4	K.IGSTIKTDR.E	13
PSTAT-479	proteomics_stat	311930	311959	-	6	3	F.HDTSVDEYFK.I	14
PSTAT-480	proteomics_stat	311930	311965	-	6	2	V.VFHDTSVDEYFK.I	16
PSTAT-481	proteomics_stat	311930	311968	-	6	5	T.VVFHDTSVDEYFK.I	17
PSTAT-482	proteomics_stat	311930	311971	-	6	42	R.TVVFHDTSVDEYFK.I	18
PSTAT-483	proteomics_stat	311972	312001	-	6	4	M.MKPNIHPEYR.T	14
PSTAT-484	proteomics_stat	317903	317965	-	6	2	R.DQIFTHPSMSESLNDFSLVK.-	25
PSTAT-485	proteomics_stat	318413	318469	-	6	3	R.QPATASLHPENAGIAVNER.G	23
PSTAT-486	proteomics_stat	318902	318982	-	6	3	K.NFHNLADMPNIDVIDGQAEFINHSLR.V	31
PSTAT-487	proteomics_stat	318989	319015	-	6	3	R.KNEVVNFLR.N	13

PSTAT-488	proteomics_stat	319028	319069	-	6	7	K.TLVHDAQHTDFVR.A	18
PSTAT-489	proteomics_stat	327217	327249	-	5	2	K.VMANSAASSLK.E	15
PSTAT-490	proteomics_stat	327397	327471	-	5	5	K.SAPALAAGNAMIFKPSEVTPLTALK.L	29
PSTAT-491	proteomics_stat	327892	327948	-	5	3	R.MAEQQLYIHGGYTSATSGR.T	23
PSTAT-492	proteomics_stat	366636	366668	-	4	5	R.VVNQASHVSAK.T	15
PSTAT-493	proteomics_stat	377713	377799	-	5	2	K.GDIDLEPFVTHTMLDEINDAFDLMHEGK.S	33
PSTAT-494	proteomics_stat	378034	378111	-	5	5	R.RFGATDCINPNDYDKPIKDVLLDINK.W	30
PSTAT-495	proteomics_stat	378175	378246	-	5	4	K.VQPGDSVAVFGLGAIGLAVVQGAR.Q	28
PSTAT-496	proteomics_stat	384353	384382	-	6	4	R.YRTDDFILSK.K	14
PSTAT-497	proteomics_stat	387989	388042	-	6	2	R.AGADLIFSYPALDLAEKK.I	22
PSTAT-498	proteomics_stat	388043	388111	-	6	8	K.FAALAGAIDEEKVVLESLGSIKR.A	27
PSTAT-499	proteomics_stat	388046	388111	-	6	14	K.FAALAGAIDEEKVVLESLGSIKR.R	26
PSTAT-500	proteomics_stat	388112	388165	-	6	3	R.TELPIGAYQVSGEYAMIK.F	22
PSTAT-501	proteomics_stat	388274	388300	-	6	2	K.SYQMNPMNR.R	13
PSTAT-502	proteomics_stat	388304	388336	-	6	11	R.EAAGSALKGDR.K	15
PSTAT-503	proteomics_stat	388337	388366	-	6	2	K.FASSFYGPFR.E	14
PSTAT-504	proteomics_stat	388367	388423	-	6	2	R.QALDAAGFKDTAIMSYSTK.F	23
PSTAT-505	proteomics_stat	388424	388504	-	6	2	K.QAVVAAAAGADFIAPSAAMDGQVQAIR.Q	31
PSTAT-506	proteomics_stat	388649	388729	-	6	6	R.SVMTFGISHHTDETGSDAWREDGLVAR.M	31
PSTAT-507	proteomics_stat	391437	391484	-	4	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-508	proteomics_stat	391437	391484	-	4	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-509	proteomics_stat	391437	391484	-	4	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-510	proteomics_stat	391437	391484	-	4	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-511	proteomics_stat	391437	391484	-	4	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-512	proteomics_stat	391994	392050	-	6	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-513	proteomics_stat	391994	392050	-	6	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-514	proteomics_stat	391994	392050	-	6	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-515	proteomics_stat	391994	392050	-	6	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-516	proteomics_stat	391994	392050	-	6	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-517	proteomics_stat	394822	394857	-	5	3	K.DTTYTPSPDQCR.R	16
PSTAT-518	proteomics_stat	399065	399088	-	6	6	R.HAADNALK.T	12
PSTAT-519	proteomics_stat	399113	399157	-	6	6	K.LWQASGLGYTDLITR.L	19
PSTAT-520	proteomics_stat	399158	399247	-	6	4	R.VDVFLTPENEVINEINTLPGFTNISMYPK.L	34
PSTAT-521	proteomics_stat	399248	399298	-	6	3	R.AIAVQAYQTLGCAGMAR.V	21
PSTAT-522	proteomics_stat	399347	399370	-	6	2	K.YIDEDGAK.V	12
PSTAT-523	proteomics_stat	399557	399616	-	6	2	K.LGLPLFVKPANQGSSVGVSK.V	24
PSTAT-524	proteomics_stat	399617	399649	-	6	4	R.HNISFAEVESK.L	15
PSTAT-525	proteomics_stat	400073	400108	-	6	9	K.SAEHEVSLQSAK.N	16
PSTAT-526	proteomics_stat	402415	402456	-	5	2	D.LPLSLVANSKKTTR.Q	18
PSTAT-527	proteomics_stat	404095	404121	-	5	2	R.AAVIEAMTK.C	13
PSTAT-528	proteomics_stat	404146	404190	-	5	5	K.DMVCSPGGTTIEAVR.V	19
PSTAT-529	proteomics_stat	404146	404229	-	5	3	K.MVLETGEHPGALKDMVCSPGGTTIEAVR.V	32
PSTAT-530	proteomics_stat	404191	404229	-	5	6	K.MVLETGEHPGALK.D	17
PSTAT-531	proteomics_stat	404230	404262	-	5	4	K.FAAQAVMGSAK.M	15
PSTAT-532	proteomics_stat	404413	404517	-	5	7	R.AMPNTPALVNAGMTSVTPNALVTPEDTADVLNIFR.C	39
PSTAT-533	proteomics_stat	404746	404823	-	5	4	K.AILGGLIASGQVLPGGIWWYTPSPDK.V	30

PSTAT-534	proteomics_stat	404824	404856	-	5	2	K.IGFIGCGNMGK.A	15
PSTAT-535	proteomics_stat	408563	408613	-	6	8	K.KQDLTSEEITNHIEAGK.V	21
PSTAT-536	proteomics_stat	408620	408649	-	6	2	K.SLLEDGGVIR.A	14
PSTAT-537	proteomics_stat	408650	408700	-	6	4	R.SGSAAQGFQLLDEAELK.S	21
PSTAT-538	proteomics_stat	408701	408775	-	6	20	K.SLGSLPVVPLSMENPIELTLTEWVR.S	29
PSTAT-539	proteomics_stat	408701	408778	-	6	4	R.KSLGSLPVVPLSMENPIELTLTEWVR.S	30
PSTAT-540	proteomics_stat	408890	408931	-	6	6	K.DSLKDEVLHSLLP.R.A	18
PSTAT-541	proteomics_stat	408890	408940	-	6	3	K.TEKDSLKDEVLHSLLP.R.A	21
PSTAT-542	proteomics_stat	409037	409117	-	6	2	K.MGWVPPMGSHSDALTHVANGQIVICAR.K	31
PSTAT-543	proteomics_stat	411951	412049	-	4	2	R.IDSLFLDEFGTLDSETLDTALDALDALNASGK.T	37
PSTAT-544	proteomics_stat	430398	430469	-	4	3	R.YWHDGGQWNDDAELNFGNGNFVNR.S	28
PSTAT-545	proteomics_stat	430734	430814	-	4	12	R.QSTWYMGGLGTDIDTGLPMSLSMNVYAK.Y	31
PSTAT-546	proteomics_stat	430830	430871	-	4	3	K.EWYFANNYIYDMGR.N	18
PSTAT-547	proteomics_stat	430923	430970	-	4	20	K.GIWNHGSPLFMEIEPR.F	20
PSTAT-548	proteomics_stat	430971	431036	-	4	5	K.DWFDYGYADAPVFFGGNSDAK.G	26
PSTAT-549	proteomics_stat	430971	431039	-	4	4	K.KDWFDYGYADAPVFFGGNSDAK.G	27
PSTAT-550	proteomics_stat	431037	431075	-	4	3	R.NDTYLEYEAFAKK.D	17
PSTAT-551	proteomics_stat	431040	431075	-	4	2	R.NDTYLEYEAFAK.K	16
PSTAT-552	proteomics_stat	431094	431171	-	4	7	A.AENDKPQYLSDWWHQSVNVVGSYHTR.F	30
PSTAT-553	proteomics_stat	436388	436495	-	6	10	R.EEQLDELLNAVDITLKPEQIAELETYPKPHPVVGFK.-	40
PSTAT-554	proteomics_stat	436565	436600	-	6	4	R.LTGVSEELGATR.A	16
PSTAT-555	proteomics_stat	436601	436636	-	6	6	K.ESDENDAQIAER.L	16
PSTAT-556	proteomics_stat	436601	436648	-	6	2	K.NLYKESDENDAQIAER.L	20
PSTAT-557	proteomics_stat	436673	436705	-	6	8	R.LTRPWGETTAR.L	15
PSTAT-558	proteomics_stat	436712	436774	-	6	2	R.EMLPLCYQEGVAVIPWSPLAR.G	25
PSTAT-559	proteomics_stat	436844	436903	-	6	8	R.YIGASSMHASQFAQALELQK.Q	24
PSTAT-560	proteomics_stat	436919	436975	-	6	4	R.WDYNTPIEETLEALNDVVK.A	23
PSTAT-561	proteomics_stat	436976	437014	-	6	2	R.LGMDYVDILQIHR.W	17
PSTAT-562	proteomics_stat	437054	437083	-	6	2	R.VGDLPEGLSR.A	14
PSTAT-563	proteomics_stat	437096	437122	-	6	11	R.REDEVVATK.V	13
PSTAT-564	proteomics_stat	437144	437221	-	6	4	R.ALEGGINFFDTANSYSDGSSEEIVGR.A	30
PSTAT-565	proteomics_stat	437225	437275	-	6	2	R.GNHAWTLPEESSRPIIK.R	21
PSTAT-566	proteomics_stat	437842	437886	-	5	2	K.LAILNFGTLMPEAAK.V	19
PSTAT-567	proteomics_stat	438079	438141	-	5	2	R.AGIVGADGQTHQGAFDLSYLR.C	25
PSTAT-568	proteomics_stat	438169	438207	-	5	2	R.AYDQVLHDVAIQK.L	17
PSTAT-569	proteomics_stat	438493	438543	-	5	6	R.GYEPAEKDPITFHAVPK.F	21
PSTAT-570	proteomics_stat	439339	439380	-	5	2	K.YPTLALVDSTQELR.L	18
PSTAT-571	proteomics_stat	439435	439500	-	5	3	K.QLAEQSLDTSALALADYIIQR.N	26
PSTAT-572	proteomics_stat	439912	440013	-	5	3	K.FGEANAILAGDALQTLAFSILSDADMPEVSDRDR.I	38
PSTAT-573	proteomics_stat	440191	440265	-	5	3	R.FIAPLPFQNTPVVETMQYGALLGGK.R	29
PSTAT-574	proteomics_stat	440445	440495	-	4	5	R.LESGDLPLEEALNEFER.G	21
PSTAT-575	proteomics_stat	440496	440528	-	4	4	K.ALSELEQIVTR.L	15
PSTAT-576	proteomics_stat	440529	440558	-	4	2	K.KNEAPASFEK.A	14
PSTAT-577	proteomics_stat	440529	440564	-	4	4	M.PKKNEAPASFEK.A	16
PSTAT-578	proteomics_stat	442365	442412	-	4	2	K.LLTSQGPQTAIDFLK.I	20
PSTAT-579	proteomics_stat	442473	442565	-	4	3	R.IVAAICAAPATVLPVPHDIFPIGNMTGFPTLK.D	35

PSTAT-580	proteomics_stat	442587	442616	-	4	2	R.DSTLLVETVK.Q	14
PSTAT-581	proteomics_stat	442635	442709	-	4	3	K.LLADAPLVEVADGEYDVIVLPGGIK.G	29
PSTAT-582	proteomics_stat	442900	442932	-	5	3	R.AHGIAVPENTR.L	15
PSTAT-583	proteomics_stat	442942	442980	-	5	2	R.HTEIDYINGFLLR.R	17
PSTAT-584	proteomics_stat	443311	443367	-	5	7	R.DGNVIIHVANGITHIGPAR.Q	23
PSTAT-585	proteomics_stat	447898	447930	-	5	12	K.LENQHFDEITK.A	15
PSTAT-586	proteomics_stat	448105	448140	-	5	3	K.KPDHYEEIHMPK.N	16
PSTAT-587	proteomics_stat	448183	448230	-	5	8	S.PPPFYNFVAVPHVHER.D	20
PSTAT-588	proteomics_stat	448183	448254	-	5	51	R.TLEWATSSPPPFYNFVAVPHVHER.D	28
PSTAT-589	proteomics_stat	449890	449976	-	5	7	K.SMDMTQPEGEHSAHEGMEGMDMSHAESA.-	33
PSTAT-590	proteomics_stat	449995	450075	-	5	14	K.LAAPSEYNQVEYFSNVKPDFADVINK.F	31
PSTAT-591	proteomics_stat	449995	450078	-	5	2	E.KLAAPSEYNQVEYFSNVKPDFADVINK.F	32
PSTAT-592	proteomics_stat	450076	450117	-	5	6	K.QSPNTMSDMAAFEK.L	18
PSTAT-593	proteomics_stat	450076	450123	-	5	3	K.AKQSPNTMSDMAAFEK.L	20
PSTAT-594	proteomics_stat	450124	450150	-	5	6	R.AAFDQWVAK.A	13
PSTAT-595	proteomics_stat	450178	450258	-	5	17	R.LHLIANEPGTYDGISASYSGPGFSGMK.F	31
PSTAT-596	proteomics_stat	450259	450300	-	5	25	R.LGSQIYAMAGMQTR.L	18
PSTAT-597	proteomics_stat	450301	450342	-	5	15	K.VTSNSVMNSFFIPR.L	18
PSTAT-598	proteomics_stat	452668	452730	-	5	3	R.SAILLILGFASGLPLALTSGLT.L	25
PSTAT-599	proteomics_stat	452828	452911	-	6	49	K.NIADAVNSVLTDTIADMSQDTSIHEFIK.Q	32
PSTAT-600	proteomics_stat	452912	452953	-	6	2	R.ASYNVEGAFQASNK.N	18
PSTAT-601	proteomics_stat	452972	453013	-	6	2	K.ADIAIIATAQNGNK.M	18
PSTAT-602	proteomics_stat	453032	453118	-	6	25	R.GYMVGPNGPVNLQIIVSPLYADVSQGNVR.Y	33
PSTAT-603	proteomics_stat	453170	453202	-	6	9	R.DNQIVTLTASR.D	15
PSTAT-604	proteomics_stat	461362	461448	-	5	3	R.TDPAAPRRSDDSAPVDAGFSYSLRSLPAR.S	33
PSTAT-605	proteomics_stat	464097	464153	-	4	3	R.ANGLNHYLADKPTVMAAMK.Q	23
PSTAT-606	proteomics_stat	464316	464351	-	4	3	K.ALNHAVSLGMAK.D	16
PSTAT-607	proteomics_stat	464475	464543	-	4	4	R.DSIPVPDYEPDADGIPNTFVPGR.N	27
PSTAT-608	proteomics_stat	464544	464594	-	4	2	K.VLDVTLNLNLAVALSSLTR.D	21
PSTAT-609	proteomics_stat	465106	465150	-	5	2	R.LIGEAPYEYTLQWLR.C	19
PSTAT-610	proteomics_stat	474116	474139	-	6	3	R.DGNSFSAR.R	12
PSTAT-611	proteomics_stat	474140	474172	-	6	5	K.KPIIYDVETLR.D	15
PSTAT-612	proteomics_stat	474173	474220	-	6	2	R.LVHSFHSYFLRPGDSK.K	20
PSTAT-613	proteomics_stat	474242	474289	-	6	3	R.QVFGGQVVGQALYAAK.E	20
PSTAT-614	proteomics_stat	478609	478650	-	5	3	K.DVPDNVVVGGNPAR.I	18
PSTAT-615	proteomics_stat	481123	481173	-	5	2	R.YNGLPSMEILGQAAPGK.S	21
PSTAT-616	proteomics_stat	481294	481320	-	5	2	K.KVYVMSEAK.Y	13
PSTAT-617	proteomics_stat	481333	481422	-	5	3	K.AQALGVSINDINTTLGAAWGGSYVNDFIDR.G	34
PSTAT-618	proteomics_stat	481444	481503	-	5	7	K.HPDMLTSVVRPNGLDTPQFK.I	24
PSTAT-619	proteomics_stat	481444	481530	-	5	4	R.NQLLAEAAKHPDMLTSVVRPNGLDTPQFK.I	33
PSTAT-620	proteomics_stat	481678	481731	-	5	2	K.DWADRPGEENKVEAITMR.A	22
PSTAT-621	proteomics_stat	481768	481818	-	5	8	K.NNVESVFAVNGFGFAGR.G	21
PSTAT-622	proteomics_stat	481768	481824	-	5	7	K.EKNNVESVFAVNGFGFAGR.G	23
PSTAT-623	proteomics_stat	481825	481860	-	5	5	K.VLNEVTHYYLTK.E	16
PSTAT-624	proteomics_stat	482707	482751	-	5	2	K.LATGANALDAAAIR.A	19
PSTAT-625	proteomics_stat	482752	482826	-	5	3	K.IELGGENYDIIAEFNGQPASGLGIK.L	29

PSTAT-626	proteomics_stat	482911	482949	-	5	2	K.GQQLNASIIAQTR.L	17
PSTAT-627	proteomics_stat	482911	482949	-	5	2	K.GQQLNASIIAQTR.L	17
PSTAT-628	proteomics_stat	482950	483003	-	5	7	K.AQNAQVAAGQLGGTPPVK.G	22
PSTAT-629	proteomics_stat	483004	483042	-	5	2	K.FQLTPVDVITAIK.A	17
PSTAT-630	proteomics_stat	483043	483072	-	5	2	R.IWMNPNELNK.F	14
PSTAT-631	proteomics_stat	483073	483123	-	5	5	R.TSGVGDVQLFGSQYAMR.I	21
PSTAT-632	proteomics_stat	483653	483721	-	6	29	K.AQEVADNNQQAASGAQPEQSKS.-	27
PSTAT-633	proteomics_stat	483656	483721	-	6	12	K.AQEVADNNQQAASGAQPEQSK.S	26
PSTAT-634	proteomics_stat	483806	483850	-	6	3	K.VETRPIVASQAIGDK.W	19
PSTAT-635	proteomics_stat	483806	483889	-	6	3	R.GDATVLVVGADDKVETRPIVASQAIGDK.W	32
PSTAT-636	proteomics_stat	483899	483955	-	6	4	R.LEEGLNPNAILVPQQGVTR.T	23
PSTAT-637	proteomics_stat	483899	483961	-	6	6	R.ARLEEGLNPNAILVPQQGVTR.T	25
PSTAT-638	proteomics_stat	483962	484012	-	6	7	R.AIFPNPDHTLLPGMFVR.A	21
PSTAT-639	proteomics_stat	484121	484162	-	6	3	K.QELANGTLKQENGK.A	18
PSTAT-640	proteomics_stat	484121	484168	-	6	2	R.LKQELANGTLKQENGK.A	20
PSTAT-641	proteomics_stat	484136	484168	-	6	6	R.LKQELANGTLK.Q	15
PSTAT-642	proteomics_stat	484169	484285	-	6	16	K.SNVTEGALVQNGQATALATVQQLDPIYVDVTQSSNDFLR.L	43
PSTAT-643	proteomics_stat	484361	484423	-	6	5	K.QEYDQALADAQQANAAVTAAK.A	25
PSTAT-644	proteomics_stat	484460	484501	-	6	5	K.AQAAANIAQLTVNR.Y	18
PSTAT-645	proteomics_stat	484517	484552	-	6	2	D.PATYQATYDSAK.G	16
PSTAT-646	proteomics_stat	484517	484597	-	6	13	K.EGSDIEAGVSLYQIDPATYQATYDSAK.G	31
PSTAT-647	proteomics_stat	484610	484651	-	6	4	R.IAEVRPQVSGIILK.R	18
PSTAT-648	proteomics_stat	484667	484705	-	6	3	K.TEPLQITTELPGR.T	17
PSTAT-649	proteomics_stat	494583	494657	-	4	2	R.NDLVPDLAIVPRWSITSSRVIPTPL.S	29
PSTAT-650	proteomics_stat	500882	500920	-	6	3	R.AHYDDEVAYITER.G	17
PSTAT-651	proteomics_stat	505908	505976	-	4	6	K.RLPTIIDAPAQEFATYVSGGKR.G	27
PSTAT-652	proteomics_stat	505908	505979	-	4	2	K.RLPTIIDAPAQEFATYVSGGKR.G	28
PSTAT-653	proteomics_stat	505911	505976	-	4	3	K.RLPTIIDAPAQEFATYVSGGK.R	26
PSTAT-654	proteomics_stat	505980	506024	-	4	4	R.STGYLVGGISPLGQK.K	19
PSTAT-655	proteomics_stat	506025	506060	-	4	9	K.KVEMADPMVAQR.S	16
PSTAT-656	proteomics_stat	506085	506135	-	4	2	K.HLAVAVTPVAGQLDLKK.V	21
PSTAT-657	proteomics_stat	506088	506135	-	4	6	K.HLAVAVTPVAGQLDLK.K	20
PSTAT-658	proteomics_stat	506169	506201	-	4	2	K.KLGLNPDQVYK.T	15
PSTAT-659	proteomics_stat	506199	506270	-	4	7	K.ISFQIHTYEHPAETNFGDEVVKK.L	28
PSTAT-660	proteomics_stat	506202	506270	-	4	5	K.ISFQIHTYEHPAETNFGDEVVKK.K	27
PSTAT-661	proteomics_stat	508300	508341	-	5	3	R.HSLMGVADALAIR.A	18
PSTAT-662	proteomics_stat	508549	508599	-	5	4	R.LVMLTGDNPPTANAIK.E	21
PSTAT-663	proteomics_stat	508756	508842	-	5	9	R.GLVSGEAEHALLLGNQALLNEQQVGTK.A	33
PSTAT-664	proteomics_stat	508906	508947	-	5	2	L.AAALEQGSSHPLAR.A	18
PSTAT-665	proteomics_stat	508906	508950	-	5	10	R.LAAALEQGSSHPLAR.A	19
PSTAT-666	proteomics_stat	508987	509031	-	5	7	K.TGTLTEGKPVVAVK.T	19
PSTAT-667	proteomics_stat	509362	509397	-	5	6	R.ASAVGSHTTISR.I	16
PSTAT-668	proteomics_stat	509398	509457	-	5	5	K.GEGDSVHAGTVVQDGSVLF.R.A	24
PSTAT-669	proteomics_stat	509458	509541	-	5	2	R.VPVDGEITQGEAWLDEAMLTGEPQQK.G	32
PSTAT-670	proteomics_stat	509560	509601	-	5	2	K.SVPLAEVQPGMLLR.L	18
PSTAT-671	proteomics_stat	509735	509809	-	6	6	A.LFDERQPVAAVVPDGSATSLLR.SQR.D	29

PSTAT-672	proteomics_stat	510136	510192	-	5	3	R.TALVMGSASPQDLVQAVEK.A	23
PSTAT-673	proteomics_stat	510397	510429	-	5	4	Q.AGYDASVSHPK.A	15
PSTAT-674	proteomics_stat	510397	510432	-	5	6	K.QAGYDASVSHPK.A	16
PSTAT-675	proteomics_stat	510433	510537	-	5	2	K.ESLEQRPDVEQADVSITEAHVTGTASAEQLIETIK.Q	39
PSTAT-676	proteomics_stat	510433	510543	-	5	8	R.VKESLEQRPDVEQADVSITEAHVTGTASAEQLIETIK.Q	41
PSTAT-677	proteomics_stat	514110	514178	-	4	11	K.VVMMPLEASSLMGSIAGIAELVK.D	27
PSTAT-678	proteomics_stat	514179	514223	-	4	2	K.YTEALQQIGSSNSK.V	19
PSTAT-679	proteomics_stat	514386	514418	-	4	2	R.QAEILKAEGEK.Q	15
PSTAT-680	proteomics_stat	514467	514517	-	4	5	R.DVRPPAELISSMNAQMK.A	21
PSTAT-681	proteomics_stat	514602	514646	-	4	2	R.TVLGSMELDEMLSQR.D	19
PSTAT-682	proteomics_stat	514770	514823	-	4	2	K.INMMEQVLDIPSQEVISK.D	22
PSTAT-683	proteomics_stat	514770	514826	-	4	4	R.KINMMEQVLDIPSQEVISK.D	23
PSTAT-684	proteomics_stat	514836	514880	-	4	2	K.TLQPGLSLVVPFMDR.I	19
PSTAT-685	proteomics_stat	516682	516735	-	5	7	K.TFQEILAAALGTGDALASK.Y	22
PSTAT-686	proteomics_stat	516682	516738	-	5	17	R.KTFQEILAAALGTGDALASK.Y	23
PSTAT-687	proteomics_stat	516739	516768	-	5	11	K.DLTAADGQTR.K	14
PSTAT-688	proteomics_stat	516739	516771	-	5	2	R.KDLTAADGQTR.K	15
PSTAT-689	proteomics_stat	516769	516810	-	5	11	R.NEEALELLFGHLR.K	18
PSTAT-690	proteomics_stat	516772	516810	-	5	7	R.NEEALELLFGHLR.K	17
PSTAT-691	proteomics_stat	517090	517152	-	5	2	K.AQQAMQLMQESNYTDALPLLK.D	25
PSTAT-692	proteomics_stat	517195	517275	-	5	5	R.AIPTVYLFQNGQPVDGFGPQPEEAIK.A	31
PSTAT-693	proteomics_stat	517276	517323	-	5	2	K.LDCDAEQMIAAQFGLR.A	20
PSTAT-694	proteomics_stat	517324	517401	-	5	6	R.SQHCLQLTPILESLLAAQYNGQFILAK.L	30
PSTAT-695	proteomics_stat	517723	517788	-	5	3	R.FTDNVNQTSQDKPVENPGIAAR.F	26
PSTAT-696	proteomics_stat	518531	518566	-	6	4	R.RYNEAFSAIYPK.L	16
PSTAT-697	proteomics_stat	518645	518680	-	6	2	R.GFQPQQTEQTLR.Q	16
PSTAT-698	proteomics_stat	518753	518809	-	6	2	K.TSVVNASISGDTSQGLAR.L	23
PSTAT-699	proteomics_stat	518810	518863	-	6	3	R.MSASAAWPALLNDKWQSK.T	22
PSTAT-700	proteomics_stat	523129	523206	-	5	4	P.APSVTPVISPARSPAASRRYVSVRPK.R	30
PSTAT-701	proteomics_stat	542752	542802	-	5	4	R.IHYEGMDDVILLDFLPK.E	21
PSTAT-702	proteomics_stat	542803	542865	-	5	2	R.YVPVEGYAPWLVSIGNASELER.I	25
PSTAT-703	proteomics_stat	543163	543204	-	5	5	K.HGNFALLTPDGLVK.N	18
PSTAT-704	proteomics_stat	543217	543267	-	5	2	M.GYLNNTVGYREDLLANR.A	21
PSTAT-705	proteomics_stat	550837	550875	-	5	9	K.VGHLNLTSDTSR.L	17
PSTAT-706	proteomics_stat	550837	550878	-	5	3	R.KVGHLNLTSDTSR.L	18
PSTAT-707	proteomics_stat	550930	551025	-	5	5	R.AITDLPLPQPVVNNPVMINLIGSDVNYDWLK.L	36
PSTAT-708	proteomics_stat	551248	551313	-	5	8	R.GFDGSTVFYPLTHNLHQDGILR.T	26
PSTAT-709	proteomics_stat	551509	551550	-	5	8	K.LHLPTAPWQLLAER.S	18
PSTAT-710	proteomics_stat	551662	551766	-	5	3	R.QAGEPLGIAVWPVGLDAEPAAVPFQQSVITAEIER.W	39
PSTAT-711	proteomics_stat	551826	551864	-	4	6	K.AQTDEVLENPDPR.G	17
PSTAT-712	proteomics_stat	551826	551867	-	4	5	R.KAQTDEVLENPDPR.G	18
PSTAT-713	proteomics_stat	551883	551954	-	4	5	K.AGAANAALLAAQILATHDKELHQR.L	28
PSTAT-714	proteomics_stat	551898	551954	-	4	8	K.AGAANAALLAAQILATHDK.E	23
PSTAT-715	proteomics_stat	551988	552074	-	4	18	K.TLVPVLGVPVQSAALSGVDSLIVQMPR.G	33
PSTAT-716	proteomics_stat	552075	552173	-	4	4	K.LFSFAESAEEENGYQVIIAGAGGAAHLPGMIAAK.T	37
PSTAT-717	proteomics_stat	552075	552185	-	4	5	R.TPKLFSFAESAEEENGYQVIIAGAGGAAHLPGMIAAK.T	41

PSTAT-718	proteomics_stat	553169	553231	-	6	24	R.SGMHQDVPKEDVIIESVTVSE.-	25
PSTAT-719	proteomics_stat	553205	553231	-	6	3	R.SGMHQDVPK.E	13
PSTAT-720	proteomics_stat	553430	553465	-	6	15	K.EPIKNEANGLK.N	16
PSTAT-721	proteomics_stat	553430	553474	-	6	2	K.ATKEPIKNEANGLK.N	19
PSTAT-722	proteomics_stat	553481	553525	-	6	2	I.NGFMIQGGGFEPGMK.Q	19
PSTAT-723	proteomics_stat	553481	553531	-	6	16	R.VINGFMIQGGGFEPGMK.Q	21
PSTAT-724	proteomics_stat	553481	553534	-	6	7	H.RVINGFMIQGGGFEPGMK.Q	22
PSTAT-725	proteomics_stat	553532	553564	-	6	6	R.EGFYNNTIFHR.V	15
PSTAT-726	proteomics_stat	553565	553585	-	6	2	K.NFLDYCR.E	11
PSTAT-727	proteomics_stat	553565	553618	-	6	2	K.TFDDKAPETVKNFLDYCR.E	22
PSTAT-728	proteomics_stat	553586	553615	-	6	4	T.FDDKAPETVK.N	14
PSTAT-729	proteomics_stat	553586	553618	-	6	12	K.TFDDKAPETVK.N	15
PSTAT-730	proteomics_stat	553619	553660	-	6	8	K.MVTFHTNHGDIVIK.T	18
PSTAT-731	proteomics_stat	556040	556072	-	6	4	K.HPHVELCDLLK.L	15
PSTAT-732	proteomics_stat	556101	556208	-	4	33	R.ASYITPVPGGVGPMTVATLIENTLQACVEYHDPQDE.-	40
PSTAT-733	proteomics_stat	556209	556247	-	4	2	K.VVGDVVFEDAAR.A	17
PSTAT-734	proteomics_stat	556509	556532	-	4	2	R.GIVTLLER.Y	12
PSTAT-735	proteomics_stat	556575	556625	-	4	3	R.IHPDKDVDGFHPYVGR.L	21
PSTAT-736	proteomics_stat	556638	556766	-	4	9	R.SYDLPETTSEAELELIDTLNADNTIDGILVQLPLPAGIDNVK.V	47
PSTAT-737	proteomics_stat	556767	556796	-	4	2	K.ACEEVGFVSR.S	14
PSTAT-738	proteomics_stat	556767	556799	-	4	5	R.KACEEVGFVSR.S	15
PSTAT-739	proteomics_stat	556803	556868	-	4	3	R.APGLAVVLVGSNPASQIYVASK.R	26
PSTAT-740	proteomics_stat	577919	577948	-	6	2	K.ICGGAENVVK.T	14
PSTAT-741	proteomics_stat	583915	583965	-	5	18	K.NGAGIENYNFITTAGLK.Y	21
PSTAT-742	proteomics_stat	583966	584016	-	5	6	K.GNTSLYDHNNNTSDYSK.N	21
PSTAT-743	proteomics_stat	583966	584019	-	5	5	K.KGNTSLYDHNNNTSDYSK.N	22
PSTAT-744	proteomics_stat	584032	584055	-	5	5	V.YVEGAWNR.V	12
PSTAT-745	proteomics_stat	584059	584124	-	5	18	K.VKDQNYYSVAVNAGYYVTPNAK.V	26
PSTAT-746	proteomics_stat	584143	584199	-	5	2	K.YSGWVVESSDNDEHYDPGKR.I	23
PSTAT-747	proteomics_stat	584200	584232	-	5	2	R.YEDFELGGTFK.Y	15
PSTAT-748	proteomics_stat	584233	584265	-	5	5	K.MPYIGLTGSYR.Y	15
PSTAT-749	proteomics_stat	584233	584271	-	5	14	R.FKMPYIGLTGSYR.Y	17
PSTAT-750	proteomics_stat	584293	584325	-	5	6	R.DDIGSFPNGER.A	15
PSTAT-751	proteomics_stat	584293	584364	-	5	16	R.GGSYIYSSEEGFRDDIGSFPNGER.A	28
PSTAT-752	proteomics_stat	584383	584415	-	5	5	R.LGLMAGYQESR.Y	15
PSTAT-753	proteomics_stat	584416	584445	-	5	5	K.GWLLNEPNYR.L	14
PSTAT-754	proteomics_stat	584446	584496	-	5	18	R.HPDTQLNYANFDLNIK.G	21
PSTAT-755	proteomics_stat	584497	584565	-	5	7	R.GGNMVDQDWMDSSNPGTWTDES.R.H	27
PSTAT-756	proteomics_stat	584566	584637	-	5	89	K.GAINWDLMPQISIGAAGWTTLSGR.G	28
PSTAT-757	proteomics_stat	584662	584685	-	5	2	R.KVSQLDWK.F	12
PSTAT-758	proteomics_stat	584686	584709	-	5	2	V.YLAEEGGR.K	12
PSTAT-759	proteomics_stat	584686	584712	-	5	6	R.VYLAEEGGR.K	13
PSTAT-760	proteomics_stat	584686	584718	-	5	5	K.ERVYLAEEGGR.K	15
PSTAT-761	proteomics_stat	584725	584796	-	5	8	A.STETLSFTPDNINADISLGTLSGK.T	28
PSTAT-762	proteomics_stat	590049	590096	-	4	2	A.DNIGTSAEELGLSDYR.H	20
PSTAT-763	proteomics_stat	603997	604032	-	5	2	K.SRLPQNITLLEV.-	16

PSTAT-764	proteomics_stat	604033	604104	-	5	11	K.GYTSLVVVPVGHHSVEDFNATLPK.S	28
PSTAT-765	proteomics_stat	604033	604110	-	5	6	K.EKGYTSLVVVPVGHHSVEDFNATLPK.S	30
PSTAT-766	proteomics_stat	604327	604353	-	5	2	V.VDQEDADGR.F	13
PSTAT-767	proteomics_stat	604327	604356	-	5	2	L.VVDQEDADGR.F	14
PSTAT-768	proteomics_stat	604327	604359	-	5	11	K.LVVDQEDADGR.F	15
PSTAT-769	proteomics_stat	604387	604425	-	5	3	K.MLDASHVVVCAK.T	17
PSTAT-770	proteomics_stat	604429	604461	-	5	6	K.SAAGNYVFNER.K	15
PSTAT-771	proteomics_stat	604471	604554	-	5	2	K.TLLQYSPSSTNSQPWHFIVASTEEGKAR.V	32
PSTAT-772	proteomics_stat	604477	604554	-	5	2	K.TLLQYSPSSTNSQPWHFIVASTEEGK.A	30
PSTAT-773	proteomics_stat	604555	604587	-	5	13	K.KLTPEQAEQIK.T	15
PSTAT-774	proteomics_stat	604819	604869	-	5	4	K.HWISVYPGEEISEALLR.D	21
PSTAT-775	proteomics_stat	605599	605634	-	5	5	K.IGASSAIEALHR.Q	16
PSTAT-776	proteomics_stat	605695	605739	-	5	2	R.YGLEGVITDPHTGDR.R	19
PSTAT-777	proteomics_stat	606076	606138	-	5	2	R.FVPHFIALSAASPYMQGTDTR.F	25
PSTAT-778	proteomics_stat	606364	606405	-	5	3	R.DINQAAGQFSAMQK.V	18
PSTAT-779	proteomics_stat	610275	610358	-	4	4	R.FDHHSIVGNNWSPALNISQGLGDDFTLK.M	32
PSTAT-780	proteomics_stat	610449	610526	-	4	3	K.DLSSNTQALTGTNTGGAIDGVSTTDR.S	30
PSTAT-781	proteomics_stat	619366	619401	-	5	2	R.LRGEQLTLGYGK.Y	16
PSTAT-782	proteomics_stat	623008	623049	-	5	2	K.LPAGLNASQSQGKR.H	18
PSTAT-783	proteomics_stat	623590	623622	-	5	4	R.GTHTLESQPQR.I	15
PSTAT-784	proteomics_stat	631888	631944	-	5	2	R.VAAAHAVHNGLTVLPQTEK.F	23
PSTAT-785	proteomics_stat	632083	632112	-	5	2	R.LGINNAQAIR.D	14
PSTAT-786	proteomics_stat	632593	632679	-	5	3	R.VVVGPNYFSPHSGSFNHLHDFFTDEQLSR.A	33
PSTAT-787	proteomics_stat	637080	637121	-	4	2	K.ENTLQQAVGLPDQK.T	18
PSTAT-788	proteomics_stat	637275	637352	-	4	5	R.TLLVGVIKPESPATAAAILASKDPAK.T	30
PSTAT-789	proteomics_stat	640665	640694	-	4	3	R.HANLPVLLVVR.-	14
PSTAT-790	proteomics_stat	640695	640742	-	4	4	P.SISTHLLGSNASSVIR.H	20
PSTAT-791	proteomics_stat	640695	640748	-	4	38	R.NPSISTHLLGSNASSVIR.H	22
PSTAT-792	proteomics_stat	640749	640799	-	4	4	V.NELAEELGADVIVIGSR.N	21
PSTAT-793	proteomics_stat	640749	640808	-	4	25	R.DEVNELAEELGADVIVIGSR.N	24
PSTAT-794	proteomics_stat	640749	640814	-	4	4	S.VRDEVNELAEELGADVIVIGSR.N	26
PSTAT-795	proteomics_stat	640749	640823	-	4	61	R.FGSVRDEVNELAEELGADVIVIGSR.N	29
PSTAT-796	proteomics_stat	640842	640883	-	4	10	R.LQTMVSHFTIDPSR.I	18
PSTAT-797	proteomics_stat	640884	640916	-	4	3	F.EEHLQHEAQR.L	15
PSTAT-798	proteomics_stat	640884	640919	-	4	16	R.FEEHLQHEAQR.L	16
PSTAT-799	proteomics_stat	640884	640922	-	4	22	R.RFEEHLQHEAQR.L	17
PSTAT-800	proteomics_stat	640941	641024	-	4	2	R.HAEFLAQDDGVIHLLHVLPGSASLSLHR.F	32
PSTAT-801	proteomics_stat	640944	641024	-	4	17	R.HAEFLAQDDGVIHLLHVLPGSASLSLH.R	31
PSTAT-802	proteomics_stat	640953	641024	-	4	2	R.HAEFLAQDDGVIHLLHVLPGSASL.S	28
PSTAT-803	proteomics_stat	640977	641024	-	4	2	R.HAEFLAQDDGVIHLLH.V	20
PSTAT-804	proteomics_stat	641034	641081	-	4	69	K.TIIMPVDVFEMELSDK.A	20
PSTAT-805	proteomics_stat	643450	643521	-	5	3	K.ADAINAPLSANSFLPQPHPGNCGK.T	28
PSTAT-806	proteomics_stat	643708	643761	-	5	4	K.HGACFGDPDAYFGTMVR.L	22
PSTAT-807	proteomics_stat	643825	643872	-	5	2	R.MCSSPETGLSLETAAK.L	20
PSTAT-808	proteomics_stat	643882	643926	-	5	4	R.FGCATRPIPNLPEAR.A	19
PSTAT-809	proteomics_stat	643969	644013	-	5	3	K.ADFLTVHGLWPGLPK.S	19



PSTAT-810	proteomics_stat	658630	658677	-	5	5	R.HGVTMLTLGQYLQPSR.H	20
PSTAT-811	proteomics_stat	658969	659013	-	5	2	R.DGGAQHFADCITAIR.E	19
PSTAT-812	proteomics_stat	660920	660967	-	6	3	K.ISQWKPEATTNNIAPR.L	20
PSTAT-813	proteomics_stat	661755	661811	-	4	9	K.VMGQALPELVDQVVEVVQR.H	23
PSTAT-814	proteomics_stat	661812	661853	-	4	5	K.LNELLEFPTPFTYK.V	18
PSTAT-815	proteomics_stat	661812	661859	-	4	7	K.TKLNELLEFPTPFTYK.V	20
PSTAT-816	proteomics_stat	662083	662124	-	5	3	K.NQVVGTFINFLDQK.T	18
PSTAT-817	proteomics_stat	662125	662172	-	5	8	K.ASYVLNSELHAPLQK.N	20
PSTAT-818	proteomics_stat	662194	662238	-	5	8	R.ASLGVDDKDVYLTIPR.G	19
PSTAT-819	proteomics_stat	662239	662280	-	5	2	K.EFASEPVVFGDSDR.A	18
PSTAT-820	proteomics_stat	662290	662316	-	5	4	R.FFETVNLK.V	13
PSTAT-821	proteomics_stat	662398	662442	-	5	7	K.AGYNLVASATEGQMR.L	19
PSTAT-822	proteomics_stat	662398	662460	-	5	2	K.TGHTDKAGYNLVASATEGQMR.L	25
PSTAT-823	proteomics_stat	662461	662505	-	5	3	R.NGLLWDNSLNVGDIK.T	19
PSTAT-824	proteomics_stat	662611	662670	-	5	3	K.NTHFQTVHGLDADGQYSSAR.D	24
PSTAT-825	proteomics_stat	662671	662787	-	5	10	R.GINLQSGNDACVAMADFAAGSQDAFVGLMNSYVNALGLK.N	43
PSTAT-826	proteomics_stat	662788	662847	-	5	9	K.GSSLMFLKPGMQVPVSQLIR.G	24
PSTAT-827	proteomics_stat	662848	662907	-	5	2	K.ETDLVTIGNDAWATGNPVFK.G	24
PSTAT-828	proteomics_stat	662848	662913	-	5	6	K.FKETDLVTIGNDAWATGNPVFK.G	26
PSTAT-829	proteomics_stat	662923	662958	-	5	6	K.MMTSYVIGQAMK.A	16
PSTAT-830	proteomics_stat	662959	662979	-	5	2	R.DPASLTK.M	11
PSTAT-831	proteomics_stat	662959	662979	-	5	2	R.DPASLTK.M	11
PSTAT-832	proteomics_stat	662959	662982	-	5	5	R.RDPASLTK.M	12
PSTAT-833	proteomics_stat	662983	663009	-	5	3	V.LAEQNADVR.R	13
PSTAT-834	proteomics_stat	663373	663399	-	5	2	K.AEASTLQQR.L	13
PSTAT-835	proteomics_stat	663472	663504	-	5	2	R.AQQYQQQLGQK.F	15
PSTAT-836	proteomics_stat	663739	663846	-	5	7	K.QTYALPAPPDLSSGGAGTSSVSGPQGDILPVSNSTLK.S	40
PSTAT-837	proteomics_stat	663847	663918	-	5	4	R.IDPIIVAQDGSLSGPGMACTTVAK.Q	28
PSTAT-838	proteomics_stat	663847	663924	-	5	5	K.VRIDPIIVAQDGSLSGPGMACTTVAK.Q	30
PSTAT-839	proteomics_stat	663925	663963	-	5	7	R.AAADRLNLSNNTK.V	17
PSTAT-840	proteomics_stat	665542	665625	-	5	4	R.QILDHIMLGDNNTDLPAENPAVAAAEDH.-	32
PSTAT-841	proteomics_stat	666481	666528	-	5	2	K.DYSALLNDPNTPLVNR.A	20
PSTAT-842	proteomics_stat	666820	666855	-	5	3	K.LANYAATHDIGK.L	16
PSTAT-843	proteomics_stat	666898	666948	-	5	2	R.YYPYGSALTHVIGYVSK.I	21
PSTAT-844	proteomics_stat	667123	667191	-	5	3	R.TIYQIEMMPEKVDNVQQTLDALR.S	27
PSTAT-845	proteomics_stat	668080	668121	-	5	2	R.HVMSIADHVVQESR.A	18
PSTAT-846	proteomics_stat	668206	668247	-	5	2	K.ALQDFVIDKIDDLK.G	18
PSTAT-847	proteomics_stat	670852	670905	-	5	17	R.SDEEQTSTTTDTPATPAR.V	22
PSTAT-848	proteomics_stat	671200	671241	-	5	5	R.LNGVELLDKETTRK.D	18
PSTAT-849	proteomics_stat	671263	671307	-	5	4	K.VMILDSGDPNGPLSR.A	19
PSTAT-850	proteomics_stat	671496	671522	-	4	11	R.AGQEHVAK.Y	13
PSTAT-851	proteomics_stat	671529	671567	-	4	5	K.ITVPVDATEEQVR.E	17
PSTAT-852	proteomics_stat	671529	671573	-	4	3	R.AKITVPVDATEEQVR.E	19
PSTAT-853	proteomics_stat	671628	671675	-	4	3	K.GEGDIDNAPWVVADEK.A	20
PSTAT-854	proteomics_stat	671802	671849	-	4	9	R.QTFNTAIAAIMELMNK.L	20
PSTAT-855	proteomics_stat	671802	671852	-	4	6	R.RQTFNTAIAAIMELMNK.L	21

PSTAT-856	proteomics_stat	671910	671957	-	4	4	K.GDVAALNVDALTENQK.A	20
PSTAT-857	proteomics_stat	671958	671981	-	4	6	K.LVYEHTAK.G	12
PSTAT-858	proteomics_stat	672003	672077	-	4	4	R.LFMMFASPADMTLEWQESGVEGANR.F	29
PSTAT-859	proteomics_stat	672099	672134	-	4	2	K.NNGIDPQVMVER.Y	16
PSTAT-860	proteomics_stat	672099	672140	-	4	8	K.SKNNGIDPQVMVER.Y	18
PSTAT-861	proteomics_stat	672150	672191	-	4	6	K.DAAGHELVTGMSK.M	18
PSTAT-862	proteomics_stat	672150	672197	-	4	7	K.AKDAAGHELVTGMSK.M	20
PSTAT-863	proteomics_stat	672213	672257	-	4	6	R.NWVSPVDAIVERDEK.G	19
PSTAT-864	proteomics_stat	672222	672257	-	4	2	R.NWVSPVDAIVER.D	16
PSTAT-865	proteomics_stat	672258	672323	-	4	2	K.QLLCQGMVLADAFYYVGENGER.N	26
PSTAT-866	proteomics_stat	672324	672359	-	4	10	R.DAGMVNSDEPAK.Q	16
PSTAT-867	proteomics_stat	672501	672551	-	4	10	R.ETDTFDTFMESSWYYAR.Y	21
PSTAT-868	proteomics_stat	672552	672581	-	4	2	K.TTVNGMPALR.E	14
PSTAT-869	proteomics_stat	672774	672800	-	4	2	K.LTAMGVGER.K	13
PSTAT-870	proteomics_stat	672774	672872	-	4	4	K.GVLFNSGEFNGLDHEAAFNAIADKLTAMGVGER.K	37
PSTAT-871	proteomics_stat	672801	672872	-	4	2	K.GVLFNSGEFNGLDHEAAFNAIADK.L	28
PSTAT-872	proteomics_stat	672873	672953	-	4	7	K.YGLNIKPVILAADGSEPDLSQQALTEK.G	31
PSTAT-873	proteomics_stat	672954	672974	-	4	6	R.DYEFASK.Y	11
PSTAT-874	proteomics_stat	672975	673082	-	4	4	K.AVHPLTGEEIPVWAANFVLMYGTGAVMAVPGHDQR.D	40
PSTAT-875	proteomics_stat	673083	673106	-	4	11	K.KGVDTGFK.A	12
PSTAT-876	proteomics_stat	673104	673139	-	4	2	K.VAEAEMATMEKK.G	16
PSTAT-877	proteomics_stat	673107	673139	-	4	5	K.VAEAEMATMEK.K	15
PSTAT-878	proteomics_stat	673149	673196	-	4	4	K.AAENNELAAAFIDECR.N	20
PSTAT-879	proteomics_stat	673356	673424	-	4	12	K.ITAYADELLNDLDKLDHWPDTVK.T	27
PSTAT-880	proteomics_stat	673680	673730	-	4	7	K.NNTAPAPWTYDNIAYMK.N	21
PSTAT-881	proteomics_stat	673731	673793	-	4	10	K.NVLQPIGWDAFGLPAEGAAVK.N	25
PSTAT-882	proteomics_stat	673815	673844	-	4	2	R.NYTIGDVIAR.Y	14
PSTAT-883	proteomics_stat	673866	673904	-	4	3	K.YYCLSMPLPYSGR.L	17
PSTAT-884	proteomics_stat	673905	673940	-	4	4	R.TFEVTEDESKEK.Y	16
PSTAT-885	proteomics_stat	673905	673943	-	4	7	K.RTFEVTEDSKY	17
PSTAT-886	proteomics_stat	673944	673967	-	4	3	K.VQLHWDEK.R	12
PSTAT-887	proteomics_stat	673968	674006	-	4	5	A.MQEQRPEEIESK.V	17
PSTAT-888	proteomics_stat	683504	683542	-	6	3	K.AITSSAGNQTPEK.T	17
PSTAT-889	proteomics_stat	684359	684403	-	6	2	K.KGEVVVCGPSGSGK.S	19
PSTAT-890	proteomics_stat	685260	685349	-	4	2	K.NSAIASTIGLVDMAAQAGKLLDYSAHAWES.F	34
PSTAT-891	proteomics_stat	685293	685349	-	4	2	K.NSAIASTIGLVDMAAQAGK.L	23
PSTAT-892	proteomics_stat	686074	686100	-	5	8	K.ALKPEPNDK.A	13
PSTAT-893	proteomics_stat	686101	686139	-	5	8	K.NLNMNFELSDMK.A	17
PSTAT-894	proteomics_stat	686158	686229	-	5	3	K.LMDDTIAQVQTSGEAEKWFDKWFK.N	28
PSTAT-895	proteomics_stat	686167	686232	-	5	2	K.KLMDDTIAQVQTSGEAEKWFDK.W	26
PSTAT-896	proteomics_stat	686179	686229	-	5	13	K.LMDDTIAQVQTSGEAEK.W	21
PSTAT-897	proteomics_stat	686179	686232	-	5	5	K.KLMDDTIAQVQTSGEAEK.W	22
PSTAT-898	proteomics_stat	686233	686253	-	5	3	R.KDDPQFK.K	11
PSTAT-899	proteomics_stat	686254	686319	-	5	10	K.KPDNWEIVGKPSQEAYGCMLR.K	26
PSTAT-900	proteomics_stat	686254	686325	-	5	8	K.AKKPDNWEIVGKPSQEAYGCMLR.K	28
PSTAT-901	proteomics_stat	686332	686376	-	5	14	R.AVAFMMDDALLAGER.A	19

PSTAT-902	proteomics_stat	686395	686415	-	5	4	K.DHGDSFR.T	11
PSTAT-903	proteomics_stat	686461	686508	-	5	10	K.AVVVTSGTTSEVLLNK.L	20
PSTAT-904	proteomics_stat	686509	686547	-	5	11	K.GGDIKDFANLKDK.A	17
PSTAT-905	proteomics_stat	686509	686550	-	5	7	K.KGGDIKDFANLKDK.A	18
PSTAT-906	proteomics_stat	686563	686604	-	5	7	K.QAAFSDTIFVVGTR.L	18
PSTAT-907	proteomics_stat	686611	686676	-	5	7	R.IPLLQNGTFDFECGSTNNVER.Q	26
PSTAT-908	proteomics_stat	686611	686703	-	5	2	K.LIPITSQNRIPLLQNGTFDFECGSTNNVER.Q	35
PSTAT-909	proteomics_stat	686704	686733	-	5	6	K.KLNKPDQLVK.L	14
PSTAT-910	proteomics_stat	686734	686787	-	5	5	K.VVGYSQDYSNAIVEAVKK.K	22
PSTAT-911	proteomics_stat	686737	686787	-	5	6	K.VVGYSQDYSNAIVEAVK.K	21
PSTAT-912	proteomics_stat	686737	686790	-	5	6	Q.KVVGYSQDYSNAIVEAVK.K	22
PSTAT-913	proteomics_stat	686788	686829	-	5	3	R.ESSVPFSYDDNQQK.V	18
PSTAT-914	proteomics_stat	686830	686856	-	5	20	K.NGVIVVGH.R.E	13
PSTAT-915	proteomics_stat	686866	686892	-	5	3	A.PAAGSTLTK.I	13
PSTAT-916	proteomics_stat	686866	686904	-	5	21	A.DDAAPAAGSTLTK.I	17
PSTAT-917	proteomics_stat	689100	689141	-	4	2	K.GAPYSYESADRYNK.N	18
PSTAT-918	proteomics_stat	689259	689327	-	4	6	K.SSLIIWPESAITDLEINQQPFLK.A	27
PSTAT-919	proteomics_stat	689397	689444	-	4	3	K.TIQVSMVQGDIPQSLK.W	20
PSTAT-920	proteomics_stat	690141	690167	-	4	3	K.IPDDSPQPK.L	13
PSTAT-921	proteomics_stat	690597	690626	-	4	2	R.SDAEAFSMDK.V	14
PSTAT-922	proteomics_stat	690648	690701	-	4	4	R.FPVISEDKDHIEGILMAK.D	22
PSTAT-923	proteomics_stat	690702	690755	-	4	2	R.NQTLDECLDVIIESAHSR.F	22
PSTAT-924	proteomics_stat	690804	690881	-	4	4	R.DSGQNLDLIEDTRDMLEGVMDIADQR.V	30
PSTAT-925	proteomics_stat	690843	690881	-	4	3	R.DSGQNLDLIEDTR.D	17
PSTAT-926	proteomics_stat	690882	690911	-	4	4	K.NRDELLALIR.D	14
PSTAT-927	proteomics_stat	690960	691004	-	4	4	M.SDDNSHSSDTISNKK.G	19
PSTAT-928	proteomics_stat	691235	691279	-	6	3	K.EAQEQGKPLEAHWAH.M	19
PSTAT-929	proteomics_stat	691388	691432	-	6	2	R.VVDTAESHSNLNLYR.G	19
PSTAT-930	proteomics_stat	691615	691656	-	5	6	R.IVNAYEAWEEAEQK.R	18
PSTAT-931	proteomics_stat	691768	691809	-	5	2	K.AVITGDVTDLPLR.N	18
PSTAT-932	proteomics_stat	691843	691905	-	5	2	R.TLNDAFIILDESQNTTIEQMK.M	25
PSTAT-933	proteomics_stat	692062	692100	-	5	4	R.ILLTRPAVEAGEK.L	17
PSTAT-934	proteomics_stat	692158	692238	-	5	10	R.TPNQAQYIANILDHDITFGVGPAGTGK.T	31
PSTAT-935	proteomics_stat	692281	692322	-	5	6	R.VLEQSAESVPEYGG.A	18
PSTAT-936	proteomics_stat	692332	692379	-	5	5	R.GQIQDIEPEQIHLAIK.E	20
PSTAT-937	proteomics_stat	692410	692457	-	5	8	K.LTGRPICVTAADILR.S	20
PSTAT-938	proteomics_stat	692551	692583	-	5	2	R.EITLEPADNAR.L	15
PSTAT-939	proteomics_stat	693597	693668	-	4	2	R.GEEVSRPSDDILFEIAQLAAQGV.R.E	28
PSTAT-940	proteomics_stat	696739	696768	-	5	2	R.AVGVHQSAYK.-	14
PSTAT-941	proteomics_stat	696790	696819	-	5	2	K.AIEWDEAFKK.M	14
PSTAT-942	proteomics_stat	696922	696954	-	5	2	R.FRFPYNTPTSK.E	15
PSTAT-943	proteomics_stat	696955	697002	-	5	9	K.EVAAQQVSDQQLSTAR.F	20
PSTAT-944	proteomics_stat	697003	697056	-	5	5	R.QKEQFSDGVGYSWIDLK.E	22
PSTAT-945	proteomics_stat	697057	697098	-	5	3	R.ECFEAYLPASVAWR.Q	18
PSTAT-946	proteomics_stat	697270	697296	-	5	2	K.ELHEETVRK.L	13
PSTAT-947	proteomics_stat	697273	697293	-	5	2	E.LHEETVR.K	11

PSTAT-948	proteomics_stat	697273	697296	-	5	6	K.ELHEETVR.K	12
PSTAT-949	proteomics_stat	697555	697620	-	5	7	R.SEAWWPQLHSFAVGLPGSPDLK.A	26
PSTAT-950	proteomics_stat	697654	697737	-	5	20	K.SHLMSDVPYGVLLSGGLDSSIIISAITKK.Y	32
PSTAT-951	proteomics_stat	697657	697737	-	5	30	K.SHLMSDVPYGVLLSGGLDSSIIISAITK.K	31
PSTAT-952	proteomics_stat	697762	697818	-	5	4	R.DWFDYDAVKDNVTDKNELR.Q	23
PSTAT-953	proteomics_stat	697834	697881	-	5	6	K.EFPAGSYLWSQDGEIR.S	20
PSTAT-954	proteomics_stat	697834	697890	-	5	4	R.TIKEFPAGSYLWSQDGEIR.S	23
PSTAT-955	proteomics_stat	698146	698196	-	5	9	K.THVLAVNGEINYHQALR.A	21
PSTAT-956	proteomics_stat	698197	698250	-	5	5	R.LSIVDVNAGAQLYNNQK.T	22
PSTAT-957	proteomics_stat	698251	698307	-	5	3	R.GPDWSGIYASDNAILAHER.L	23
PSTAT-958	proteomics_stat	698251	698313	-	5	14	R.HRGPDWSGIYASDNAILAHER.L	25
PSTAT-959	proteomics_stat	698938	698985	-	5	3	K.MQAHSEETVIVGDNLR.T	20
PSTAT-960	proteomics_stat	699001	699042	-	5	6	R.KPFYVGKPSPWIR.A	18
PSTAT-961	proteomics_stat	699100	699132	-	5	7	R.FIATNPDPHGR.G	15
PSTAT-962	proteomics_stat	699190	699246	-	5	2	K.AGFTITDVNPDFVIVGETR.S	23
PSTAT-963	proteomics_stat	699241	699291	-	5	4	K.AYVVGEGALIHELYKAG.F	21
PSTAT-964	proteomics_stat	699247	699291	-	5	3	K.AYVVGEGALIHELYK.A	19
PSTAT-965	proteomics_stat	699310	699384	-	5	5	R.FATAGVDVPDSVFYTSAMATADFLR.R	29
PSTAT-966	proteomics_stat	699310	699420	-	5	2	N.YPSQTGGQLANRFATAGVDVPDSVFYTSAMATADFLR.R	41
PSTAT-967	proteomics_stat	699385	699447	-	5	5	K.GLPLVLLTNYPSQTGGQLANR.F	25
PSTAT-968	proteomics_stat	699448	699537	-	5	6	K.NVICDIDGVLMDNVAVPGAAEFLHGIMDK.G	34
PSTAT-969	proteomics_stat	699600	699641	-	4	2	R.AMLNGILLQHLLN.-	18
PSTAT-970	proteomics_stat	699858	699911	-	4	2	K.AANKGDSLASEVIEYVGR.H	22
PSTAT-971	proteomics_stat	700050	700103	-	4	3	R.NGNVGEIGHIQVEPLGER.C	22
PSTAT-972	proteomics_stat	700494	700532	-	4	2	R.HDATITLFDLSSK.V	17
PSTAT-973	proteomics_stat	700665	700712	-	4	3	R.IQIAEQSQLAPASVTK.I	20
PSTAT-974	proteomics_stat	700770	700817	-	4	3	S.MTPGGQAQIGNVDLVK.Q	20
PSTAT-975	proteomics_stat	700976	701020	-	6	4	R.NLVEHCGIALDEVLR.M	19
PSTAT-976	proteomics_stat	701294	701350	-	6	4	R.AGITFATHLYNAMPYITGR.E	23
PSTAT-977	proteomics_stat	701372	701425	-	6	10	K.LANAGIVVSAGHSNATLK.E	22
PSTAT-978	proteomics_stat	701471	701527	-	6	11	R.KPDAALVDFLCENADVITK.V	23
PSTAT-979	proteomics_stat	701843	701887	-	6	2	K.SVCPVAELPPEIEQR.S	19
PSTAT-980	proteomics_stat	701888	701950	-	6	2	R.IFTGHEFLDDHAVVIADGLIK.S	25
PSTAT-981	proteomics_stat	702043	702075	-	5	3	R.YFNELEAENIK.G	15
PSTAT-982	proteomics_stat	702091	702132	-	5	4	K.AIMVCDEPSTMELK.V	18
PSTAT-983	proteomics_stat	702367	702444	-	5	13	K.IHLFMGGVGNMGHIAFNAPASSLASR.T	30
PSTAT-984	proteomics_stat	702478	702561	-	5	2	R.NFFDHDVIPAENINLLNGNAPDIDAECR.Q	32
PSTAT-985	proteomics_stat	702598	702642	-	5	8	K.HVVTFNMDEYVGLPK.E	19
PSTAT-986	proteomics_stat	702685	702765	-	5	7	R.INAFKPTADRPFVLGLPTGGTPMPTYK.A	31
PSTAT-987	proteomics_stat	709540	709575	-	5	3	K.VIEFSDDSIEAR.Q	16
PSTAT-988	proteomics_stat	709660	709698	-	5	2	R.VLNQFDDAGIVTR.H	17
PSTAT-989	proteomics_stat	709699	709743	-	5	2	R.LIDMGEEIGLATVYR.V	19
PSTAT-990	proteomics_stat	709744	709806	-	5	2	K.ILEVLQEPDNHHVSAEDLYKR.L	25
PSTAT-991	proteomics_stat	709747	709806	-	5	3	K.ILEVLQEPDNHHVSAEDLYK.R	24
PSTAT-992	proteomics_stat	710221	710295	-	5	6	K.GLADDDHVFGLAIDEDRQPELTAER.V	29
PSTAT-993	proteomics_stat	710296	710352	-	5	5	R.GATIVGHWPTAGYHFEASK.G	23

PSTAT-994	proteomics_stat	710575	710616	-	5	2	K.QLGKDVADVHDIAK.S	18
PSTAT-995	proteomics_stat	710629	710685	-	5	5	M.AITGIFFGSDTGNTENIAK.M	23
PSTAT-996	proteomics_stat	711534	711575	-	4	6	R.QHLNEEGVIQFLLK.S	18
PSTAT-997	proteomics_stat	711660	711701	-	4	2	K.LVAIDIAPVDYHVR.R	18
PSTAT-998	proteomics_stat	711660	711710	-	4	2	R.IDKLVADIAPVDYHVR.R	21
PSTAT-999	proteomics_stat	711702	711746	-	4	4	K.AVMALTALASDRIDK.L	19
PSTAT-1000	proteomics_stat	711747	711779	-	4	3	K.ATFIGHSMGGK.A	15
PSTAT-1001	proteomics_stat	711780	711812	-	4	2	L.VDTLDAQQIDK.A	15
PSTAT-1002	proteomics_stat	711780	711851	-	4	14	R.DPVMNYPAMAQDLVDTLDAQQIDK.A	28
PSTAT-1003	proteomics_stat	711915	712007	-	4	15	R.AQTAQNQHNNSPIVLVHGLFGSLDNLGVLAR.D	35
PSTAT-1004	proteomics_stat	721532	721609	-	6	3	R.TPLTVLFGQAEILTLDLASEGSPHAR.Q	30
PSTAT-1005	proteomics_stat	723074	723148	-	6	3	R.ETVPDPFFDAADDVVLVDLPPDDL.R.Q	29
PSTAT-1006	proteomics_stat	741837	741878	-	4	3	Y.CINNQCICKVLTLLR.K	18
PSTAT-1007	proteomics_stat	752435	752461	-	6	2	R.QLYTGYEK.R.D	13
PSTAT-1008	proteomics_stat	752438	752455	-	6	4	L.YTGYEK.R	10
PSTAT-1009	proteomics_stat	752438	752458	-	6	2	Q.LYTGYEK.R	11
PSTAT-1010	proteomics_stat	752438	752461	-	6	2	R.QLYTGYEK.R	12
PSTAT-1011	proteomics_stat	752477	752527	-	6	16	R.TVGWIAHWSEMHSRGMK.I	21
PSTAT-1012	proteomics_stat	752528	752578	-	6	8	K.AMGIPSSMFTVIFAMAR.T	21
PSTAT-1013	proteomics_stat	752579	752620	-	6	15	K.LYPNVDFYSGIILK.A	18
PSTAT-1014	proteomics_stat	752579	752623	-	6	46	K.KLYPNVDFYSGIILK.A	19
PSTAT-1015	proteomics_stat	752621	752692	-	6	2	K.DDLLEVAMELENIALNDPYFIEK.L	28
PSTAT-1016	proteomics_stat	752624	752692	-	6	7	K.DDLLEVAMELENIALNDPYFIEK.K	27
PSTAT-1017	proteomics_stat	752624	752707	-	6	20	K.ELGTKDDLLEVAMELENIALNDPYFIEK.K	32
PSTAT-1018	proteomics_stat	752708	752731	-	6	4	R.ETCHEVLK.E	12
PSTAT-1019	proteomics_stat	752792	752812	-	6	4	K.DKNDSFR.L	11
PSTAT-1020	proteomics_stat	752792	752818	-	6	3	R.AKDKNDSFR.L	13
PSTAT-1021	proteomics_stat	752843	752866	-	6	2	M.LEEISSVK.H	12
PSTAT-1022	proteomics_stat	752843	752869	-	6	5	K.MLEEISSVK.H	13
PSTAT-1023	proteomics_stat	752870	752917	-	6	2	A.SLWGPAGHGANEAAALK.M	20
PSTAT-1024	proteomics_stat	752870	752935	-	6	11	C.IAAGIASLWGPAGHGANEAAALK.M	26
PSTAT-1025	proteomics_stat	752870	752941	-	6	2	F.ACIAAGIASLWGPAGHGANEAAALK.M	28
PSTAT-1026	proteomics_stat	752870	752947	-	6	2	N.PFACIAAGIASLWGPAGHGANEAAALK.M	30
PSTAT-1027	proteomics_stat	752870	752968	-	6	4	T.AGSSGANPFACIAAGIASLWGPAGHGANEAAALK.M	37
PSTAT-1028	proteomics_stat	752870	752971	-	6	117	R.TAGSSGANPFACIAAGIASLWGPAGHGANEAAALK.M	38
PSTAT-1029	proteomics_stat	752972	753022	-	6	6	I.LILHADHEQNASTSTVR.T	21
PSTAT-1030	proteomics_stat	752972	753025	-	6	242	R.ILILHADHEQNASTSTVR.T	22
PSTAT-1031	proteomics_stat	753038	753082	-	6	2	F.STPCEPYEVNPILER.A	19
PSTAT-1032	proteomics_stat	753038	753124	-	6	25	R.NDLSYAGNFLNMMFSTPCEPYEVNPILER.A	33
PSTAT-1033	proteomics_stat	753125	753157	-	6	11	K.YSIGQPFVYPR.N	15
PSTAT-1034	proteomics_stat	753125	753160	-	6	2	Y.KYSIGQPFVYPR.N	16
PSTAT-1035	proteomics_stat	753224	753250	-	6	2	H.DSLDVNNPR.H	13
PSTAT-1036	proteomics_stat	753224	753310	-	6	134	R.DSHPMAVMCGITGALAAFYHDSLVDVNNPR.H	33
PSTAT-1037	proteomics_stat	753332	753361	-	6	12	R.HTMIHEQITR.L	14
PSTAT-1038	proteomics_stat	753377	753481	-	6	41	R.GFPIDQLATDSNYLEVCYILLNGEKPTQEYDEFK.T	39
PSTAT-1039	proteomics_stat	753482	753523	-	6	38	K.ITFIDGDEGILLHR.G	18

PSTAT-1040	proteomics_stat	753482	753526	-	6	6	S.KITFIDGDEGILLHR.G	19
PSTAT-1041	proteomics_stat	753524	753559	-	6	4	D.PGFTSTASCESK.I	16
PSTAT-1042	proteomics_stat	753524	753562	-	6	2	F.DPGFTSTASCESK.I	17
PSTAT-1043	proteomics_stat	753524	753577	-	6	29	K.GVFTFDPGFTSTASCESK.I	22
PSTAT-1044	proteomics_stat	753593	753625	-	6	6	K.GTLGQDVIDIR.T	15
PSTAT-1045	proteomics_stat	753593	753670	-	6	13	K.LTLNGDTAVELDVLGKTLGQDVIDIR.T	30
PSTAT-1046	proteomics_stat	753626	753670	-	6	42	K.LTLNGDTAVELDVLK.G	19
PSTAT-1047	proteomics_stat	753626	753676	-	6	44	K.AKLTLNGDTAVELDVLK.G	21
PSTAT-1048	proteomics_stat	771331	771372	-	5	6	R.TAAIPKLAIAKER.L	18
PSTAT-1049	proteomics_stat	784163	784222	-	6	11	K.VQTGDGINNDVDTKTDGTTQ.-	24
PSTAT-1050	proteomics_stat	784163	784225	-	6	2	K.KVQTGDGINNDVDTKTDGTTQ.-	25
PSTAT-1051	proteomics_stat	784181	784222	-	6	5	K.VQTGDGINNDVDTK.T	18
PSTAT-1052	proteomics_stat	784181	784225	-	6	8	K.KVQTGDGINNDVDTK.T	19
PSTAT-1053	proteomics_stat	784391	784465	-	6	3	A.DSGAQTNNGQANAAADAGQVAPDAR.E	29
PSTAT-1054	proteomics_stat	784391	784468	-	6	29	A.ADSGAQTNNGQANAAADAGQVAPDAR.E	30
PSTAT-1055	proteomics_stat	786102	786134	-	4	4	Y.YLGNADIEIAAK.A	15
PSTAT-1056	proteomics_stat	786102	786137	-	4	9	R.YYLGNADEIAAK.A	16
PSTAT-1057	proteomics_stat	786102	786140	-	4	4	K.RYYLGNADEIAAK.A	17
PSTAT-1058	proteomics_stat	786138	786239	-	4	28	K.YLDNMSEEEIELNIPTGVPLVYEFDENFKPLKR.Y	38
PSTAT-1059	proteomics_stat	786141	786239	-	4	3	K.YLDNMSEEEIELNIPTGVPLVYEFDENFKPLK.R	37
PSTAT-1060	proteomics_stat	786252	786281	-	4	6	V.IIAAHGNSLR.A	14
PSTAT-1061	proteomics_stat	786252	786284	-	4	28	R.VIAAHGNSLR.A	15
PSTAT-1062	proteomics_stat	786303	786335	-	4	6	V.IPYWNETILPR.M	15
PSTAT-1063	proteomics_stat	786303	786338	-	4	10	R.VIPYWNETILPR.M	16
PSTAT-1064	proteomics_stat	786303	786341	-	4	6	D.RVIPYWNETILPR.M	17
PSTAT-1065	proteomics_stat	786339	786380	-	4	25	K.ELPLTESLALTIDR.V	18
PSTAT-1066	proteomics_stat	786339	786392	-	4	10	K.LSEKELPLTESLALTIDR.V	22
PSTAT-1067	proteomics_stat	786402	786434	-	4	2	K.DDERYPGHDPY.Y	15
PSTAT-1068	proteomics_stat	786423	786470	-	4	4	R.RGFAVTPPELTKDDER.Y	20
PSTAT-1069	proteomics_stat	786435	786467	-	4	4	R.GFAVTPPELTK.D	15
PSTAT-1070	proteomics_stat	786435	786470	-	4	15	R.RGFAVTPPELTK.D	16
PSTAT-1071	proteomics_stat	786480	786500	-	4	10	K.YGDEQVK.Q	11
PSTAT-1072	proteomics_stat	786480	786518	-	4	6	K.AETAKEYGDEQVK.Q	17
PSTAT-1073	proteomics_stat	786501	786548	-	4	6	R.HYGALQGLNKAETAEK.Y	20
PSTAT-1074	proteomics_stat	786519	786545	-	4	4	H.YGALQGLNK.A	13
PSTAT-1075	proteomics_stat	786519	786548	-	4	4	R.HYGALQGLNK.A	14
PSTAT-1076	proteomics_stat	786570	786632	-	4	12	R.AIHTLWNVLDELQAWLPVEK.S	25
PSTAT-1077	proteomics_stat	786633	786680	-	4	2	K.EEGYSFDFAYTSVLKR.A	20
PSTAT-1078	proteomics_stat	786633	786689	-	4	10	K.LLKEEGYSFDFAYTSVLKR.A	23
PSTAT-1079	proteomics_stat	786636	786680	-	4	6	K.EEGYSFDFAYTSVLK.R	19
PSTAT-1080	proteomics_stat	786636	786686	-	4	2	L.LKEEGYSFDFAYTSVLK.R	21
PSTAT-1081	proteomics_stat	786636	786689	-	4	54	K.LLKEEGYSFDFAYTSVLK.R	22
PSTAT-1082	proteomics_stat	786720	786755	-	4	10	R.FTGWYDVLDSEK.G	16
PSTAT-1083	proteomics_stat	786756	786788	-	4	12	R.HGESQWKNENR.F	15
PSTAT-1084	proteomics_stat	786765	786788	-	4	2	R.HGESQWNK.E	12
PSTAT-1085	proteomics_stat	787176	787241	-	4	9	K.VYTTAPALQFYSGNFLGGTPSR.G	26

PSTAT-1086	proteomics_stat	787254	787286	-	4	6	K.VAAHVWSADEK.L	15
PSTAT-1087	proteomics_stat	787254	787289	-	4	3	K.KVAAHVWSADEK.L	16
PSTAT-1088	proteomics_stat	787302	787334	-	4	9	K.GYDHAFLLQAK.G	15
PSTAT-1089	proteomics_stat	787341	787382	-	4	3	K.IIASEFLADDDQRK.V	18
PSTAT-1090	proteomics_stat	787344	787382	-	4	2	K.IIASEFLADDDQR.K	17
PSTAT-1091	proteomics_stat	787422	787487	-	4	5	K.LQILADEYLPVDEGGIPHDGLK.S	26
PSTAT-1092	proteomics_stat	787497	787577	-	4	5	R.ATVDKPCPVNMTNHVYFNLDGEQSDVR.N	31
PSTAT-1093	proteomics_stat	787614	787691	-	4	2	R.QVLFALSSDDGDQGFPGNLGATVQYR.L	30
PSTAT-1094	proteomics_stat	787692	787718	-	4	4	R.WQIVNQNDR.Q	13
PSTAT-1095	proteomics_stat	787722	787808	-	4	3	R.YTFDGETVTLSPSQGVNQLHGGPEGFDKR.R	33
PSTAT-1096	proteomics_stat	787722	787811	-	4	2	S.RYTFDGETVTLSPSQGVNQLHGGPEGFDKR.R	34
PSTAT-1097	proteomics_stat	787725	787808	-	4	2	R.YTFDGETVTLSPSQGVNQLHGGPEGFDK.R	32
PSTAT-1098	proteomics_stat	787938	787997	-	4	6	R.NNAGMVVTLMDWGATLLSAR.I	24
PSTAT-1099	proteomics_stat	788114	788212	-	6	2	R.MTGGGFGGCIVALIPEELVPAVQQAQVAEQYEAQ.T	37
PSTAT-1100	proteomics_stat	788243	788296	-	6	2	R.DDFEITVPQIDTLVEIVK.A	22
PSTAT-1101	proteomics_stat	789119	789184	-	6	5	K.TQSLFANAFGYPATHTIQAPGR.V	26
PSTAT-1102	proteomics_stat	789251	789280	-	6	6	R.DLTAEQAAER.L	14
PSTAT-1103	proteomics_stat	789857	789901	-	6	2	K.TLPELSVAALTEIVK.T	19
PSTAT-1104	proteomics_stat	790364	790405	-	6	4	R.REGDLPAYWADASK.A	18
PSTAT-1105	proteomics_stat	790406	790444	-	6	4	K.ACGKPVNYHFAPR.R	17
PSTAT-1106	proteomics_stat	790445	790531	-	6	38	K.LANKPGVHIYNLGGVGNVLDVVNAFSK.A	33
PSTAT-1107	proteomics_stat	790586	790642	-	6	4	R.DSLAIFGNDYPTEDGTGVR.D	23
PSTAT-1108	proteomics_stat	790784	790819	-	6	2	K.LMVEQILTDLQK.A	16
PSTAT-1109	proteomics_stat	790826	790879	-	6	4	K.IPVVESFPTGTPQSPYK.S	22
PSTAT-1110	proteomics_stat	790961	791026	-	6	5	K.AVGESVQKPLEYYDNVNGTLR.L	26
PSTAT-1111	proteomics_stat	791027	791098	-	6	3	R.NEALMTEILHDHAIDTVIHFAGLK.A	28
PSTAT-1112	proteomics_stat	791701	791769	-	5	4	R.ALVKHPTLLILDEPLQGLDPLNR.Q	27
PSTAT-1113	proteomics_stat	791833	791874	-	5	2	K.LVQQWLDILGIDKR.T	18
PSTAT-1114	proteomics_stat	792043	792114	-	5	5	K.STLLSLVTGDHPQGYSDNLTFRGR.R	28
PSTAT-1115	proteomics_stat	792499	792582	-	5	6	K.TLLCQALMSEPDLLILDEPFGLDVASR.Q	32
PSTAT-1116	proteomics_stat	792499	792585	-	5	2	R.KTLLCQALMSEPDLLILDEPFGLDVASR.Q	33
PSTAT-1117	proteomics_stat	792619	792666	-	5	3	R.CMQLAQQFGITALLDR.R	20
PSTAT-1118	proteomics_stat	792667	792711	-	5	3	R.TTAEIIQDEVKDAAPR.C	19
PSTAT-1119	proteomics_stat	792712	792756	-	5	3	R.NNTDMLGPGEDDTGR.T	19
PSTAT-1120	proteomics_stat	793232	793318	-	6	2	K.APWVGITQDEAVAQNADNQLPGIISHIER.G	33
PSTAT-1121	proteomics_stat	793319	793360	-	6	2	R.LGLDEGKEVLLK.A	18
PSTAT-1122	proteomics_stat	793361	793390	-	6	2	K.VAITAQSGAR.L	14
PSTAT-1123	proteomics_stat	793508	793573	-	6	3	K.AFDVLSDDDALPLNSLLAAISR.F	26
PSTAT-1124	proteomics_stat	797210	797257	-	6	2	R.RNSVRLSHKSLWLKR.R	20
PSTAT-1125	proteomics_stat	805281	805304	-	4	2	N.LNDTNYNR.M	12
PSTAT-1126	proteomics_stat	805308	805352	-	4	2	F.AGNTGSVDDNDEIQR.N	19
PSTAT-1127	proteomics_stat	805425	805469	-	4	2	R.SLDVDANTNGQVVIR.D	19
PSTAT-1128	proteomics_stat	805470	805508	-	4	4	R.FNAFGDGVAQLGR.S	17
PSTAT-1129	proteomics_stat	805509	805586	-	4	14	R.TQQEAYVFAPATLSNIYYGFLAVNSR.F	30
PSTAT-1130	proteomics_stat	805602	805634	-	4	2	R.GAVVFDNTEFR.V	15
PSTAT-1131	proteomics_stat	805635	805688	-	4	7	R.TLVTNSYIEGDVDIVSGR.G	22

PSTAT-1132	proteomics_stat	805713	805754	-	4	6	R.QNTFFVTNSGVQNR.L	18
PSTAT-1133	proteomics_stat	805755	805802	-	4	7	R.TDGDQVQINNVNILGR.Q	20
PSTAT-1134	proteomics_stat	805941	805991	-	4	6	K.YMPGKPAWYMYDSCQSK.R	21
PSTAT-1135	proteomics_stat	806016	806060	-	4	3	K.IGLSLDGGMSPADWR.H	19
PSTAT-1136	proteomics_stat	806061	806120	-	4	2	V.PAAPGGITLYGTGEKPIDVK.I	24
PSTAT-1137	proteomics_stat	806061	806171	-	4	2	K.RQYIAVMPGEYQGTVYVPAAPGGITLYGTGEKPIDVK.I	41
PSTAT-1138	proteomics_stat	806788	806832	-	5	3	K.TGYDGAAPPKGETHR.Y	19
PSTAT-1139	proteomics_stat	806848	806910	-	5	7	R.VLPQGFSGSLVAMPDGLQTR.T	25
PSTAT-1140	proteomics_stat	807001	807081	-	5	9	R.HVFNGMGYDGDNIISPHLAWDDVPAGTK.S	31
PSTAT-1141	proteomics_stat	807245	807295	-	6	2	K.LIYLMPPYIILPQQLQR.L	21
PSTAT-1142	proteomics_stat	807338	807400	-	6	3	R.VLGAIGVVETTHPVNMAALQK.F	25
PSTAT-1143	proteomics_stat	807938	807982	-	6	3	K.GYLPENLFAPAPQSR.M	19
PSTAT-1144	proteomics_stat	815565	815618	-	4	3	R.FGGNGELSGHNGLNMLK.A	22
PSTAT-1145	proteomics_stat	821901	821963	-	4	2	R.DNLNGIIAADCCQVDETMLPK.R	25
PSTAT-1146	proteomics_stat	825050	825088	-	6	2	K.SPQEIRPTIDTQK.A	17
PSTAT-1147	proteomics_stat	828329	828415	-	6	8	K.VLLYTDGRPDKPYHGQIGFVSPTAEFTPK.T	33
PSTAT-1148	proteomics_stat	828542	828640	-	6	2	K.ASLEQAQAQLAQAELNLQDSTLIAPSDGTLTR.A	37
PSTAT-1149	proteomics_stat	828641	828664	-	6	2	R.EQDIAQAK.A	12
PSTAT-1150	proteomics_stat	828797	828841	-	6	2	K.QAQAAYDYAQNIFYNR.Q	19
PSTAT-1151	proteomics_stat	828878	828931	-	6	3	K.AGVSVAQAQYDLMLAGYR.N	22
PSTAT-1152	proteomics_stat	828932	828994	-	6	8	K.AGQVLGELDHPYEIALMQAK.A	25
PSTAT-1153	proteomics_stat	829822	829872	-	5	3	D.CAMNNPAMTIKGEQAKK.Q	21
PSTAT-1154	proteomics_stat	836918	836974	-	6	6	K.AAAAGASGYSITSATNNNK.L	23
PSTAT-1155	proteomics_stat	836987	837040	-	6	3	K.IGVVSADGASTLDALEAK.L	22
PSTAT-1156	proteomics_stat	837041	837082	-	6	4	A.AEPVTASQAQNMNK.I	18
PSTAT-1157	proteomics_stat	838925	838984	-	6	2	R.TDIENEVEQNDDGTYSQYGK.K	24
PSTAT-1158	proteomics_stat	844967	844993	-	6	2	R.LQEFLQHVS.-	13
PSTAT-1159	proteomics_stat	845012	845047	-	6	3	R.IAEDGNPQVLIK.N	16
PSTAT-1160	proteomics_stat	845171	845218	-	6	4	K.MMLFDEPTSALDPELR.H	20
PSTAT-1161	proteomics_stat	845255	845299	-	6	10	R.AHHYPSELSSGGQQQR.V	19
PSTAT-1162	proteomics_stat	845375	845425	-	6	3	Y.LFPHLTALENVFGLR.V	21
PSTAT-1163	proteomics_stat	846505	846537	-	5	8	R.ENGTYNEIYKK.W	15
PSTAT-1164	proteomics_stat	846508	846546	-	5	4	K.TLRENGTYNEIYK.K	17
PSTAT-1165	proteomics_stat	846547	846588	-	5	3	K.GSDELDRKVNALK.T	18
PSTAT-1166	proteomics_stat	846589	846639	-	5	5	K.AVGDSLEAQQYGIAPFK.G	21
PSTAT-1167	proteomics_stat	846664	846711	-	5	13	R.ADAVLHDTPNILYFIK.T	20
PSTAT-1168	proteomics_stat	846712	846759	-	5	6	R.QFPNIDNAYMELGTNR.A	20
PSTAT-1169	proteomics_stat	846877	846900	-	5	5	K.SGLLMVK.A	12
PSTAT-1170	proteomics_stat	846937	846981	-	5	2	K.NVDLALAGITIDER.K	19
PSTAT-1171	proteomics_stat	846982	847041	-	5	4	K.LDYELKPMDFSGIIPALQTK.N	24
PSTAT-1172	proteomics_stat	846982	847050	-	5	6	K.ELKLDYELKPMDFSGIIPALQTK.N	27
PSTAT-1173	proteomics_stat	847105	847149	-	5	12	K.LVVATDTAFVPEFK.Q	19
PSTAT-1174	proteomics_stat	847105	847152	-	5	12	K.KLVVATDTAFVPEFK.Q	20
PSTAT-1175	proteomics_stat	847634	847663	-	6	3	K.FLWFIESNIE.-	14
PSTAT-1176	proteomics_stat	847676	847705	-	6	2	D.TADILTAASR.D	14
PSTAT-1177	proteomics_stat	847676	847708	-	6	2	D.DTADILTAASR.D	15



PSTAT-1178	proteomics_stat	847676	847711	-	6	2	D.DDTADILTAASR.D	16
PSTAT-1179	proteomics_stat	847676	847714	-	6	34	K.DDDTADILTAASR.D	17
PSTAT-1180	proteomics_stat	847676	847732	-	6	55	K.AIGEAKDDDTADILTAASR.D	23
PSTAT-1181	proteomics_stat	847676	847735	-	6	78	R.KAIGEAKDDDTADILTAASR.D	24
PSTAT-1182	proteomics_stat	847676	847759	-	6	7	Y.AIVANDVRKAIGEAKDDDTADILTAASR.D	32
PSTAT-1183	proteomics_stat	847697	847732	-	6	2	K.AIGEAKDDDTAD.I	16
PSTAT-1184	proteomics_stat	847733	847756	-	6	2	A.IVANDVRK.A	12
PSTAT-1185	proteomics_stat	847733	847762	-	6	22	R.YAIVANDVRK.A	14
PSTAT-1186	proteomics_stat	847736	847759	-	6	2	Y.AIVANDVR.K	12
PSTAT-1187	proteomics_stat	847736	847762	-	6	8	R.YAIVANDVR.K	13
PSTAT-1188	proteomics_stat	847736	847777	-	6	3	K.ELADRYAIVANDVR.K	18
PSTAT-1189	proteomics_stat	847763	847819	-	6	7	K.SYPLDIHNVQDHLKELADR.Y	23
PSTAT-1190	proteomics_stat	847778	847813	-	6	14	Y.PLDIHNVQDHLK.E	16
PSTAT-1191	proteomics_stat	847778	847816	-	6	5	S.YPLDIHNVQDHLK.E	17
PSTAT-1192	proteomics_stat	847778	847819	-	6	103	K.SYPLDIHNVQDHLK.E	18
PSTAT-1193	proteomics_stat	847832	847885	-	6	187	R.AVQLGGVALGTTQVINSK.T	22
PSTAT-1194	proteomics_stat	847886	847915	-	6	3	L.IDHLDTMAER.A	14
PSTAT-1195	proteomics_stat	847886	847921	-	6	4	T.ALIDHLDTMAER.A	16
PSTAT-1196	proteomics_stat	847886	847924	-	6	33	R.TALIDHLDTMAER.A	17
PSTAT-1197	proteomics_stat	847925	847957	-	6	3	F.IAVHEMLDGFR.T	15
PSTAT-1198	proteomics_stat	847925	847960	-	6	2	N.FIAVHEMLDGFR.T	16
PSTAT-1199	proteomics_stat	847925	847969	-	6	142	R.GANFIAVHEMLDGFR.T	19
PSTAT-1200	proteomics_stat	847991	848029	-	6	73	R.QVIQFIDLSLTK.Q	17
PSTAT-1201	proteomics_stat	848030	848053	-	6	10	K.ATVELLNR.Q	12
PSTAT-1202	proteomics_stat	848030	848056	-	6	11	K.KATVELLNR.Q	13
PSTAT-1203	proteomics_stat	848081	848104	-	6	37	K.ATNLLYTR.N	12
PSTAT-1204	proteomics_stat	854080	854142	-	5	2	K.SVQTVTGPDQVVLDEAIK.N	25
PSTAT-1205	proteomics_stat	854143	854223	-	5	9	R.YIEVHNPLSTTEAQFEGQEIVPITLTK.S	31
PSTAT-1206	proteomics_stat	854224	854277	-	5	3	R.VQFIDEVPKATTEPDGSR.Y	22
PSTAT-1207	proteomics_stat	854353	854397	-	5	2	L.YAIHGTNANFGIGLR.V	19
PSTAT-1208	proteomics_stat	854353	854397	-	5	2	L.YAIHGTNANFGIGLR.V	19
PSTAT-1209	proteomics_stat	854353	854400	-	5	15	R.LYAIHGTNANFGIGLR.V	20
PSTAT-1210	proteomics_stat	854353	854400	-	5	15	R.LYAIHGTNANFGIGLR.V	20
PSTAT-1211	proteomics_stat	854401	854481	-	5	6	R.AAGEPLPAVVPAGPDNPMGLYALYIGR.L	31
PSTAT-1212	proteomics_stat	854545	854571	-	5	4	K.DTPINWTTK.V	13
PSTAT-1213	proteomics_stat	854572	854622	-	5	4	K.GTNTVIVLPIGIGQLGK.D	21
PSTAT-1214	proteomics_stat	854641	854727	-	5	11	K.GGTVLNIPQQLILPDTVHEGIVINSAEMR.L	33
PSTAT-1215	proteomics_stat	858439	858519	-	5	6	R.YATDDNNHEGALNVIQAVLDNTSPFNS.-	31
PSTAT-1216	proteomics_stat	858808	858855	-	5	3	R.LKPVKDYQEIDVLFK.F	20
PSTAT-1217	proteomics_stat	859195	859239	-	5	2	K.VIVTDMDGTFLLNDAK.T	19
PSTAT-1218	proteomics_stat	864598	864633	-	5	2	K.LSGNTASGLPAR.Q	16
PSTAT-1219	proteomics_stat	864970	865050	-	5	3	R.VALFSTGDELQLPGQPLGDGQIYDTNR.L	31
PSTAT-1220	proteomics_stat	865060	865122	-	5	7	R.LTTAELPVIASLGLAEVPIR.K	25
PSTAT-1221	proteomics_stat	865123	865173	-	5	3	R.RGEDISAGAVVFPAGTR.L	21
PSTAT-1222	proteomics_stat	865213	865296	-	5	3	R.IMTGAPVPEGCEAVVMQEQTEQMDNGVR.F	32
PSTAT-1223	proteomics_stat	865297	865350	-	5	6	K.SFAGQPYHGEWPAGTCIR.I	22

PSTAT-1224	proteomics_stat	865351	865395	-	5	2	R.LADIASGQPLPVAGK.S	19
PSTAT-1225	proteomics_stat	865396	865473	-	5	4	R.ILASDVVSPLDVPGFDNSAMDGYAVR.L	30
PSTAT-1226	proteomics_stat	865474	865527	-	5	3	R.VTPLTAQETLPLVQCFGR.I	22
PSTAT-1227	proteomics_stat	865528	865587	-	5	8	F.MEFTTGLMSLDTALNEMLSR.V	24
PSTAT-1228	proteomics_stat	875936	875983	-	6	2	R.VKVEHADEYDLWGSRV.-	20
PSTAT-1229	proteomics_stat	876137	876172	-	6	2	R.FMQLQQQISAER.L	16
PSTAT-1230	proteomics_stat	876449	876493	-	6	2	K.ILPYLDIPLQHASPR.I	19
PSTAT-1231	proteomics_stat	876494	876556	-	6	6	R.LHYVYPYPHVDDVIPLMAEGK.I	25
PSTAT-1232	proteomics_stat	876611	876640	-	6	4	R.TGFHNGEPVK.T	14
PSTAT-1233	proteomics_stat	876719	876769	-	6	2	R.GDLVSRPIGEVLSEAKR.L	21
PSTAT-1234	proteomics_stat	876854	876895	-	6	3	K.HNPFLSLVPEQGVK.L	18
PSTAT-1235	proteomics_stat	879254	879298	-	6	3	K.ECDALFALLDAELAK.V	19
PSTAT-1236	proteomics_stat	879254	879325	-	6	5	D.QAAIDASCKECDALFALLDAELAK.V	28
PSTAT-1237	proteomics_stat	879299	879328	-	6	6	R.DQAAIDASCK.E	14
PSTAT-1238	proteomics_stat	879371	879412	-	6	5	K.WMDWANQTLNAHR.G	18
PSTAT-1239	proteomics_stat	879431	879457	-	6	2	K.RLWIDSPAR.R	13
PSTAT-1240	proteomics_stat	879458	879481	-	6	3	Y.LAAQYGQK.R	12
PSTAT-1241	proteomics_stat	879485	879532	-	6	4	R.DDESILILWESNAIVR.Y	20
PSTAT-1242	proteomics_stat	879533	879601	-	6	2	R.EFGINHADFLAMNPNGLVPLLR.D	27
PSTAT-1243	proteomics_stat	879602	879658	-	6	4	K.VLLTLEELPEYEQILAGR.E	23
PSTAT-1244	proteomics_stat	879602	879661	-	6	10	K.KVLLTLEELPEYEQILAGR.E	24
PSTAT-1245	proteomics_stat	881325	881351	-	4	3	K.HVLVVDHSK.F	13
PSTAT-1246	proteomics_stat	881742	881774	-	4	2	R.SASHYLLSDQK.S	15
PSTAT-1247	proteomics_stat	885124	885204	-	5	4	Q.LISFFPEIANEIAFVAENGGWVWVSEGK.D	31
PSTAT-1248	proteomics_stat	888449	888493	-	6	4	K.LQHQDLQTSAQQIAR.E	19
PSTAT-1249	proteomics_stat	889737	889823	-	4	2	K.AGKPVETVPQIFVDQQHIGGYTDFAAWVK.E	33
PSTAT-1250	proteomics_stat	889824	889859	-	4	2	R.AEGITKEDLQQK.A	16
PSTAT-1251	proteomics_stat	889860	889892	-	4	2	R.DDFQYQYVDIR.A	15
PSTAT-1252	proteomics_stat	889860	889907	-	4	2	K.LSNERDDFQYQYVDIR.A	20
PSTAT-1253	proteomics_stat	899115	899141	-	4	4	K.LNNALAAIK.A	13
PSTAT-1254	proteomics_stat	899157	899216	-	4	11	K.VTDPQYFGTGLGIAVRPDNK.A	24
PSTAT-1255	proteomics_stat	899217	899249	-	4	9	K.TNPQLGVATEK.V	15
PSTAT-1256	proteomics_stat	899250	899297	-	4	12	R.IDGVFGDTAVVNEWLK.T	20
PSTAT-1257	proteomics_stat	899307	899351	-	4	14	K.TVSYDSYQNAFIDLK.N	19
PSTAT-1258	proteomics_stat	899352	899378	-	4	6	Y.IQDQHPEVK.T	13
PSTAT-1259	proteomics_stat	899352	899381	-	4	15	K.YIQDQHPEVK.T	14
PSTAT-1260	proteomics_stat	899382	899414	-	4	13	R.IGMENGTTTHQK.Y	15
PSTAT-1261	proteomics_stat	899382	899417	-	4	6	K.RIGMENGTTTHQK.Y	16
PSTAT-1262	proteomics_stat	899457	899510	-	4	5	K.QVSFTTPYYENSAVVIK.K	22
PSTAT-1263	proteomics_stat	899517	899558	-	4	5	K.YDAVISGMDITPER.S	18
PSTAT-1264	proteomics_stat	899517	899561	-	4	14	R.KYDAVISGMDITPER.S	19
PSTAT-1265	proteomics_stat	899568	899630	-	4	4	K.QMQAECTFTNHAFDSLIPSLK.F	25
PSTAT-1266	proteomics_stat	899643	899705	-	4	16	Y.PPFESIGANNEIVGFDIDLAK.A	25
PSTAT-1267	proteomics_stat	899643	899732	-	4	31	K.INFGVSATYPPFESIGANNEIVGFDIDLAK.A	34
PSTAT-1268	proteomics_stat	901495	901524	-	5	8	K.DGTYETIYNK.W	14
PSTAT-1269	proteomics_stat	901582	901629	-	5	6	K.VTDKDYFGTGLGIAVR.Q	20

PSTAT-1270	proteomics_stat	901582	901650	-	5	7	K.LAAVGDKVTDKDYFGTGLGIIVR.Q	27
PSTAT-1271	proteomics_stat	901663	901710	-	5	2	R.IDGVFGDTAVVTEWLK.D	20
PSTAT-1272	proteomics_stat	901732	901779	-	5	10	K.HPEITTVPYDSYQNAK.L	20
PSTAT-1273	proteomics_stat	901732	901794	-	5	16	K.FIMDKHPEITTVPYDSYQNAK.L	25
PSTAT-1274	proteomics_stat	901795	901827	-	5	7	K.VGVQNGTTHQK.F	15
PSTAT-1275	proteomics_stat	901861	901923	-	5	3	K.QVLFPTPYDNSALFVGQQGK.Y	25
PSTAT-1276	proteomics_stat	901924	901974	-	5	2	R.RVEAVMAGMDITPEREK.Q	21
PSTAT-1277	proteomics_stat	901930	901974	-	5	14	R.RVEAVMAGMDITPER.E	19
PSTAT-1278	proteomics_stat	901981	902043	-	5	3	K.EIDATCTFSNQAFDSLIPSLK.F	25
PSTAT-1279	proteomics_stat	902044	902139	-	5	14	R.FATEASYPPFESIDANNQIVGFDVLAQALCK.E	36
PSTAT-1280	proteomics_stat	902511	902546	-	4	2	R.YPLHLSGGQQQR.V	16
PSTAT-1281	proteomics_stat	902748	902792	-	4	5	R.SGTLNIAGNHDFDK.T	19
PSTAT-1282	proteomics_stat	903196	903234	-	5	7	Y.LGGSVHATAGTLR.Q	17
PSTAT-1283	proteomics_stat	903196	903237	-	5	19	R.YLGGSVHATAGTLR.Q	18
PSTAT-1284	proteomics_stat	903349	903402	-	5	15	R.TTLPDSAHVASASTIPNR.D	22
PSTAT-1285	proteomics_stat	903451	903480	-	5	5	K.LATLLSDASR.D	14
PSTAT-1286	proteomics_stat	903451	903522	-	5	8	R.SNDITALRPYLSDKLATLLSDASR.D	28
PSTAT-1287	proteomics_stat	903481	903522	-	5	8	R.SNDITALRPYLSDK.L	18
PSTAT-1288	proteomics_stat	903535	903594	-	5	6	R.SGPCVEGGPDNVAQQFYDYR.I	24
PSTAT-1289	proteomics_stat	905794	905850	-	5	3	K.MGAEFVPADLTELVSSQAK.V	23
PSTAT-1290	proteomics_stat	907594	907626	-	5	2	R.NVLINASPIVR.L	15
PSTAT-1291	proteomics_stat	907726	907773	-	5	3	R.LQEDHDNAAWMAEQLR.E	20
PSTAT-1292	proteomics_stat	907885	907926	-	5	3	K.GLGTVPVGSLLVGNR.D	18
PSTAT-1293	proteomics_stat	908011	908040	-	5	2	R.NLALHVDGAR.I	14
PSTAT-1294	proteomics_stat	908092	908124	-	5	2	K.LLSLENTHGK.V	15
PSTAT-1295	proteomics_stat	908131	908160	-	5	3	K.IKPDDIHFAK.T	14
PSTAT-1296	proteomics_stat	908371	908424	-	5	2	G.DDPTVNALQDYAAELSGK.E	22
PSTAT-1297	proteomics_stat	908371	908430	-	5	2	V.YGDDPTVNALQDYAAELSGK.E	24
PSTAT-1298	proteomics_stat	908371	908457	-	5	4	M.MAAPVGDDVYGGDDPTVNALQDYAAELSGK.E	33
PSTAT-1299	proteomics_stat	908572	908616	-	5	2	R.AIISGRGDEVIELAK.T	19
PSTAT-1300	proteomics_stat	908686	908733	-	5	3	R.AFSIDGPVLDVVVAK.E	20
PSTAT-1301	proteomics_stat	908734	908763	-	5	2	K.ASEVDEALQR.A	14
PSTAT-1302	proteomics_stat	908773	908805	-	5	2	R.IAEACGITGIR.V	15
PSTAT-1303	proteomics_stat	908806	908859	-	5	3	K.AGGYLTDGTELHDTNFAR.I	22
PSTAT-1304	proteomics_stat	908998	909078	-	5	5	R.LLGSFNHGSMANAMPQALGAQATEPER.Q	31
PSTAT-1305	proteomics_stat	909106	909207	-	5	12	K.AIHPQYLAQQISHFAADDAIFTCDVGTPTVWAAR.Y	38
PSTAT-1306	proteomics_stat	909208	909243	-	5	10	R.KGLDDLAKPSEK.A	16
PSTAT-1307	proteomics_stat	909334	909363	-	5	2	K.VDMALVGDIK.S	14
PSTAT-1308	proteomics_stat	909364	909411	-	5	4	K.IIQIDINPASIGAHSK.V	20
PSTAT-1309	proteomics_stat	909598	909621	-	5	2	K.ELVEFAGK.I	12
PSTAT-1310	proteomics_stat	909622	909675	-	5	3	R.YSSNIALMCGSGCAGAHK.E	22
PSTAT-1311	proteomics_stat	909694	909816	-	5	2	R.GVSVVVLPGDVALKPAPEGATMHWHYHAPQPVVTPPEEELRK.L	45
PSTAT-1312	proteomics_stat	909907	910002	-	5	3	R.NHVPVLAIAAHIPSSIEGSGYFQETHPQELFR.E	36
PSTAT-1313	proteomics_stat	910159	910212	-	5	2	R.IWGVGTGDSLNGLSDSLNR.M	22
PSTAT-1314	proteomics_stat	920624	920662	-	6	6	Q.HQHCYNAGAGFAR.R	17
PSTAT-1315	proteomics_stat	921643	921684	-	5	2	K.AGQSVQFDVHQGPK.G	18

PSTAT-1316	proteomics_stat	925475	925528	-	6	6	R.ILTGDKVTVELTPYDLSK.G	22
PSTAT-1317	proteomics_stat	925550	925597	-	6	25	R.VELENHVVTAHISGK.M	20
PSTAT-1318	proteomics_stat	925562	925597	-	6	6	R.VELENHVVTAH.I	16
PSTAT-1319	proteomics_stat	925598	925663	-	6	12	M.AKEDNIEMQGTVLETLPNTMFR.V	26
PSTAT-1320	proteomics_stat	927066	927125	-	4	2	R.DNLLASPGSSDEALSEILR.R	24
PSTAT-1321	proteomics_stat	927348	927392	-	4	4	R.DVQFTYPEQSQQALK.G	19
PSTAT-1322	proteomics_stat	927705	927749	-	4	2	R.TQLENTEIQWLEAQR.R	19
PSTAT-1323	proteomics_stat	928617	928691	-	4	2	R.ALLNPCSLLLLDEPAASLDAHSEQR.V	29
PSTAT-1324	proteomics_stat	928866	928916	-	4	5	K.HLSWVGQNPQLPAATLR.D	21
PSTAT-1325	proteomics_stat	928965	929018	-	4	5	K.SSLLNALSGFSLYQGSRLR.I	22
PSTAT-1326	proteomics_stat	930338	930391	-	6	3	R.QAITSAGTGCCMAALDAER.Y	22
PSTAT-1327	proteomics_stat	930392	930478	-	6	29	K.VQSGIHGNATQTSIPGVFAAGDVMDDHIYR.Q	33
PSTAT-1328	proteomics_stat	930608	930655	-	6	5	R.TLEEVTDGDMGVTGVR.L	20
PSTAT-1329	proteomics_stat	930656	930691	-	6	4	K.VENGNIIILHTNR.T	16
PSTAT-1330	proteomics_stat	930656	930703	-	6	19	R.LMDKVENGNIIILHTNR.T	20
PSTAT-1331	proteomics_stat	930656	930706	-	6	3	K.RLMDKVENGNIIILHTNR.T	21
PSTAT-1332	proteomics_stat	930743	930829	-	6	73	K.VAVIGGGNTAVEEALYLSNIASEVHLIHR.R	33
PSTAT-1333	proteomics_stat	930920	930985	-	6	6	R.LNGDNGEYTCDALIATGASAR.Y	26
PSTAT-1334	proteomics_stat	931013	931048	-	6	5	K.FETEIIFDHINK.V	16
PSTAT-1335	proteomics_stat	931070	931153	-	6	11	K.GGQLTTTEVENWPGDPNDLTGPLLMEER.M	32
PSTAT-1336	proteomics_stat	931154	931192	-	6	3	R.ANLQPVLTITGMEK.G	17
PSTAT-1337	proteomics_stat	931193	931249	-	6	4	K.LLILGSGPAGYTAAYVAAR.A	23
PSTAT-1338	proteomics_stat	944562	944636	-	4	5	K.YFNLPTILTTSFETGPNGLVPELK.A	29
PSTAT-1339	proteomics_stat	944637	944669	-	4	2	K.NNVLALGLDLAK.Y	15
PSTAT-1340	proteomics_stat	944694	944759	-	4	7	R.LDKNDAAVLLVDHQAGLLSLVR.D	26
PSTAT-1341	proteomics_stat	949716	949736	-	4	2	R.DMGNVEK.I	11
PSTAT-1342	proteomics_stat	949857	949907	-	4	2	K.QMNDEIHQNLVGVSNHR.T	21
PSTAT-1343	proteomics_stat	949971	950012	-	4	2	K.EGIHTCLDTNGFVR.R	18
PSTAT-1344	proteomics_stat	950037	950111	-	4	5	R.HFMNASGGGVVASGGEAILQAEFVR.D	29
PSTAT-1345	proteomics_stat	950238	950285	-	4	5	R.IHSFESCGTVDGPGR.F	20
PSTAT-1346	proteomics_stat	950516	950542	-	6	3	K.EQQQDVITR.T	13
PSTAT-1347	proteomics_stat	950516	950560	-	6	2	R.FNSLTKEQQQDVITR.T	19
PSTAT-1348	proteomics_stat	950582	950638	-	6	9	R.EMLLDAMENPEKYPQLTIR.V	23
PSTAT-1349	proteomics_stat	950639	950728	-	6	4	K.TNLAGLMDGYFHHEASIEGGQHLLNVNVMNR.E	34
PSTAT-1350	proteomics_stat	950729	950794	-	6	4	K.DGISYTF SIVPNALGKDDEVVRK.T	26
PSTAT-1351	proteomics_stat	950732	950758	-	6	2	N.ALGKDDEVVR.K	13
PSTAT-1352	proteomics_stat	950732	950794	-	6	5	K.DGISYTF SIVPNALGKDDEVVR.K	25
PSTAT-1353	proteomics_stat	950747	950794	-	6	5	K.DGISYTF SIVPNALGK.D	20
PSTAT-1354	proteomics_stat	950816	950848	-	6	3	K.GAVASLTSVAK.L	15
PSTAT-1355	proteomics_stat	950816	950848	-	6	3	K.GAVASLTSVAK.L	15
PSTAT-1356	proteomics_stat	950858	950902	-	6	19	R.AGAPFGPGANPMHGR.D	19
PSTAT-1357	proteomics_stat	950858	950905	-	6	2	R.RAGAPFGPGANPMHGR.D	20
PSTAT-1358	proteomics_stat	950930	950989	-	6	3	R.DAIPTQSVLTITSNVYVYGGK.T	24
PSTAT-1359	proteomics_stat	950933	950989	-	6	33	R.DAIPTQSVLTITSNVYVYGGK.K	23
PSTAT-1360	proteomics_stat	951026	951058	-	6	7	R.VDDLAVDLVER.F	15
PSTAT-1361	proteomics_stat	951059	951130	-	6	83	R.DEDGLAIDFEIEGEYPQFGNNDPR.V	28

PSTAT-1362	proteomics_stat	951155	951214	-	6	25	R.TMACGIAGLSVAADSLSAIK.Y	24
PSTAT-1363	proteomics_stat	951266	951310	-	6	2	K.QYITALNIIHYMHDK.Y	19
PSTAT-1364	proteomics_stat	951311	951340	-	6	5	R.MDHFMDWLAK.Q	14
PSTAT-1365	proteomics_stat	951341	951391	-	6	5	K.SEPIKGDVLNYDEVMER.M	21
PSTAT-1366	proteomics_stat	951416	951454	-	6	5	K.TMLYAINGGVDEK.L	17
PSTAT-1367	proteomics_stat	951494	951607	-	6	2	K.VSIDTSSLQYENDDLMRPDFNDDYAIACCVSPMIVGK.Q	42
PSTAT-1368	proteomics_stat	951620	951709	-	6	3	R.FLNTLYTMGPSPEPNMTILWSEKLPNFKK.F	34
PSTAT-1369	proteomics_stat	951641	951709	-	6	7	R.FLNTLYTMGPSPEPNMTILWSEK.L	27
PSTAT-1370	proteomics_stat	951737	951817	-	6	11	R.TPEYDELFSGDPWIWATESIGGMGLDGR.T	31
PSTAT-1371	proteomics_stat	951842	951889	-	6	10	K.ITEQEAQEMVDHLMK.L	20
PSTAT-1372	proteomics_stat	951908	951940	-	6	2	R.TSTFLDVYIER.D	15
PSTAT-1373	proteomics_stat	951941	951973	-	6	2	K.SQNGAAMSFGFR.T	15
PSTAT-1374	proteomics_stat	951974	952057	-	6	39	K.YGYDISGPATNAQEAIQWTFYGYLAAVK.S	32
PSTAT-1375	proteomics_stat	952091	952120	-	6	4	R.LREEIAEQHR.A	14
PSTAT-1376	proteomics_stat	952121	952186	-	6	35	K.LAQFTSLQADLENGVNLEQTIR.L	26
PSTAT-1377	proteomics_stat	952121	952192	-	6	38	K.DKLAQFTSLQADLENGVNLEQTIR.L	28
PSTAT-1378	proteomics_stat	952121	952216	-	6	2	L.YGIDYLMKDKLAQFTSLQADLENGVNLEQTIR.L	36
PSTAT-1379	proteomics_stat	952193	952225	-	6	5	R.VALYGIDYLMK.D	15
PSTAT-1380	proteomics_stat	952193	952228	-	6	3	R.RVALYGIDYLMK.D	16
PSTAT-1381	proteomics_stat	952253	952291	-	6	4	K.SGVLTLPLDAYGR.G	17
PSTAT-1382	proteomics_stat	952253	952294	-	6	9	R.KSGVLTLPLDAYGR.G	18
PSTAT-1383	proteomics_stat	952301	952345	-	6	6	T.HNQGVFVDVYTPDILR.C	19
PSTAT-1384	proteomics_stat	952301	952348	-	6	29	K.THNQGVFVDVYTPDILR.C	20
PSTAT-1385	proteomics_stat	952301	952351	-	6	7	R.KTHNQGVFVDVYTPDILR.C	21
PSTAT-1386	proteomics_stat	952301	952369	-	6	6	K.IFTEYRKTHNQGVFVDVYTPDILR.C	27
PSTAT-1387	proteomics_stat	952373	952393	-	6	2	R.ELDPMIK.K	11
PSTAT-1388	proteomics_stat	952454	952486	-	6	2	I.VGLQTEAPLKR.A	15
PSTAT-1389	proteomics_stat	952454	952489	-	6	11	K.IVGLQTEAPLKR.A	16
PSTAT-1390	proteomics_stat	952457	952489	-	6	2	K.IVGLQTEAPLK.R	15
PSTAT-1391	proteomics_stat	952502	952576	-	6	211	R.THAPVDFDTAVASTITSHDAGYINK.Q	29
PSTAT-1392	proteomics_stat	952589	952681	-	6	2	K.NYTPYEGDESFLAGATEATTTLWDKVMEGVK.L	35
PSTAT-1393	proteomics_stat	952607	952681	-	6	13	K.NYTPYEGDESFLAGATEATTTLWDK.V	29
PSTAT-1394	proteomics_stat	952727	952756	-	6	11	K.LATAWEGFTK.G	14
PSTAT-1395	proteomics_stat	954266	954340	-	6	2	R.CLQTLLLLAQEEDRQPLQYLNAFVR.M	29
PSTAT-1396	proteomics_stat	955799	955828	-	6	4	K.DAALED SIAR.F	14
PSTAT-1397	proteomics_stat	955799	955852	-	6	2	M.TQTFIPGKDALED SIAR.F	22
PSTAT-1398	proteomics_stat	960107	960154	-	6	15	R.LASVSKLPTSPWVLMR.R	20
PSTAT-1399	proteomics_stat	983811	983852	-	4	42	R.LREEFGVYAVASGR.V	18
PSTAT-1400	proteomics_stat	983868	983903	-	4	2	K.QNGMFSFSGLTK.E	16
PSTAT-1401	proteomics_stat	983904	983936	-	4	8	K.GANRDFSFIK.Q	15
PSTAT-1402	proteomics_stat	983937	983966	-	4	3	R.QLFVNTLQEK.G	14
PSTAT-1403	proteomics_stat	983988	984020	-	4	5	R.AIWEQELTDMR.Q	15
PSTAT-1404	proteomics_stat	984021	984092	-	4	23	R.ANYSNPPAHGASVVATILSN DALR.A	28
PSTAT-1405	proteomics_stat	984123	984170	-	4	22	R.VGACTLVAADSETVDR.A	20
PSTAT-1406	proteomics_stat	984171	984194	-	4	3	K.NFGLYNER.V	12
PSTAT-1407	proteomics_stat	984195	984224	-	4	5	K.ELIVASSYSK.N	14

PSTAT-1408	proteomics_stat	984225	984245	-	4	2	R.AFAAMHK.E	11
PSTAT-1409	proteomics_stat	984246	984275	-	4	4	R.GLEEDAEGLR.A	14
PSTAT-1410	proteomics_stat	984276	984320	-	4	13	K.GWLPLDFAYQGFR.G	19
PSTAT-1411	proteomics_stat	984498	984530	-	4	5	K.SVFNAGLEVR.E	15
PSTAT-1412	proteomics_stat	984531	984566	-	4	8	R.VWVSNPSWPNHK.S	16
PSTAT-1413	proteomics_stat	984531	984569	-	4	5	K.RVWVSNPSWPNHK.S	17
PSTAT-1414	proteomics_stat	984609	984644	-	4	4	R.TAQTPGGTGALR.V	16
PSTAT-1415	proteomics_stat	984651	984677	-	4	9	K.GSALINDKR.A	13
PSTAT-1416	proteomics_stat	984654	984677	-	4	2	K.GSALINDK.R	12
PSTAT-1417	proteomics_stat	984678	984704	-	4	2	R.CTQELLFGK.G	13
PSTAT-1418	proteomics_stat	984705	984743	-	4	6	K.NYLGIDGIPEFGR.C	17
PSTAT-1419	proteomics_stat	984705	984782	-	4	4	K.KAEQYLLNETTKNYLGIDGIPEFGR.C	30
PSTAT-1420	proteomics_stat	984744	984779	-	4	2	K.AEQYLLNETTK.N	16
PSTAT-1421	proteomics_stat	984744	984782	-	4	21	K.KAEQYLLNETTK.N	17
PSTAT-1422	proteomics_stat	984783	984821	-	4	4	K.DETGKTPVLTSVK.K	17
PSTAT-1423	proteomics_stat	984783	984848	-	4	13	K.INLGIGVYKDETGKTPVLTSVK.K	26
PSTAT-1424	proteomics_stat	984807	984848	-	4	3	K.INLGIGVYKDETGK.T	18
PSTAT-1425	proteomics_stat	984870	984926	-	4	2	F.ENITAAPADPILGLADLFR.A	23
PSTAT-1426	proteomics_stat	984870	984929	-	4	4	M.FENITAAPADPILGLADLFR.A	24
PSTAT-1427	proteomics_stat	984870	984932	-	4	21	V.MFENITAAPADPILGLADLFR.A	25
PSTAT-1428	proteomics_stat	986853	986888	-	4	9	R.LIAYVTGVQNV.R.D	16
PSTAT-1429	proteomics_stat	986889	986933	-	4	25	R.YGTVPHSGFGLGFER.L	19
PSTAT-1430	proteomics_stat	986946	986990	-	4	7	R.MLEMGLNKEDYWWYR.D	19
PSTAT-1431	proteomics_stat	987021	987083	-	4	11	K.TVAAMDVLAPGIGIIGGSQR.E	25
PSTAT-1432	proteomics_stat	987156	987179	-	4	7	R.YLAEHF.K.A	12
PSTAT-1433	proteomics_stat	987180	987233	-	4	21	R.KFENPVYWGVDLSSEHER.Y	22
PSTAT-1434	proteomics_stat	987234	987302	-	4	10	R.FIADFAQVDYTDVAVILENCGR.K	27
PSTAT-1435	proteomics_stat	987507	987533	-	4	3	K.IYTFGPTFR.A	13
PSTAT-1436	proteomics_stat	987534	987596	-	4	5	K.ESFLTVSGQLNGETYACALSK.I	25
PSTAT-1437	proteomics_stat	987597	987641	-	4	15	R.NDQKGVDFDKDFGK.E	19
PSTAT-1438	proteomics_stat	987642	987674	-	4	6	R.VSTLDLENLPR.N	15
PSTAT-1439	proteomics_stat	987675	987758	-	4	14	R.FFNEQGFFWVSTPLITASDTEGAGEMFR.V	32
PSTAT-1440	proteomics_stat	987867	987920	-	4	8	K.VEVAGWVEDPDTPMAAK.R	22
PSTAT-1441	proteomics_stat	987921	987971	-	4	14	K.VVASPGGQQFEIQASK.V	21
PSTAT-1442	proteomics_stat	987972	988007	-	4	4	R.LTTGCSVIVTGK.V	16
PSTAT-1443	proteomics_stat	988008	988109	-	4	52	K.AGISFLAVYDGSCFDPVQAVINNSLPNYNEDVLR.L	38
PSTAT-1444	proteomics_stat	988140	988169	-	4	4	R.VAVDSEVTVR.G	14
PSTAT-1445	proteomics_stat	988170	988205	-	4	5	M.SVVPVADVLQGR.V	16
PSTAT-1446	proteomics_stat	988170	988208	-	4	2	I.MSVVPVADVLQGR.V	17
PSTAT-1447	proteomics_stat	988476	988508	-	4	4	K.LVECNPKPAK.L	15
PSTAT-1448	proteomics_stat	988866	988952	-	4	7	R.LSLTPMGTQAHEWFQAHQQISPDLANSQR.A	33
PSTAT-1449	proteomics_stat	989121	989168	-	4	2	R.SPQADVAQALDTLESK.L	20
PSTAT-1450	proteomics_stat	989121	989174	-	4	2	R.YRSPQADVAQALDTLESK.L	22
PSTAT-1451	proteomics_stat	989337	989384	-	4	4	R.LQDDEYQWLSALPFFK.A	20
PSTAT-1452	proteomics_stat	994300	994368	-	5	7	R.DNLEISPNLWAGVGLVRRGGAGTA.L	27
PSTAT-1453	proteomics_stat	1005789	1005827	-	4	2	R.VQLLEGEVTPKK.S	17

PSTAT-1454	proteomics_stat	1005870	1005920	-	4	4	R.GNNQQVLLLEQLENQGIR.I	21
PSTAT-1455	proteomics_stat	1006356	1006424	-	4	6	R.HNTVPLSFADGYPYLLANEASLR.D	27
PSTAT-1456	proteomics_stat	1006587	1006655	-	4	4	R.FTPSPVHDGLHLTAPDGSSAYVR.F	27
PSTAT-1457	proteomics_stat	1006677	1006721	-	4	3	R.IFMITEPDGTFITAR.Q	19
PSTAT-1458	proteomics_stat	1006722	1006775	-	4	3	R.GIGLTHALADVSGLAFDR.I	22
PSTAT-1459	proteomics_stat	1015208	1015234	-	6	4	R.LIYTASDLK.V	13
PSTAT-1460	proteomics_stat	1015355	1015378	-	6	2	R.ALGVGEVK.F	12
PSTAT-1461	proteomics_stat	1015538	1015567	-	6	4	K.MTETGGNFDK.G	14
PSTAT-1462	proteomics_stat	1015577	1015618	-	6	6	K.GPQLPAPNMLMMDR.V	18
PSTAT-1463	proteomics_stat	1015619	1015663	-	6	2	K.EDLLASGRGELFGAK.G	19
PSTAT-1464	proteomics_stat	1015640	1015678	-	6	9	R.ESYTKEDLLASGR.G	17
PSTAT-1465	proteomics_stat	1016920	1016985	-	5	2	R.FDWVAFDESRPLPVSVPSMPLK.L	26
PSTAT-1466	proteomics_stat	1017223	1017288	-	5	2	R.TLQSDAGQLVGGHYEVSGHSIR.L	26
PSTAT-1467	proteomics_stat	1017289	1017336	-	5	2	K.APEESEYLNLIANAAR.T	20
PSTAT-1468	proteomics_stat	1017445	1017495	-	5	2	R.DLVPDTSYQEIFAQPH.L	21
PSTAT-1469	proteomics_stat	1018239	1018271	-	4	30	K.GIKDVVTQPQA.-	15
PSTAT-1470	proteomics_stat	1018293	1018325	-	4	11	R.AALIDCLAPDR.R	15
PSTAT-1471	proteomics_stat	1018293	1018328	-	4	3	Q.RAALIDCLAPDR.R	16
PSTAT-1472	proteomics_stat	1018326	1018382	-	4	3	R.GMGESNPVTGNTCDNVKQR.A	23
PSTAT-1473	proteomics_stat	1018329	1018382	-	4	3	R.GMGESNPVTGNTCDNVKQ.R	22
PSTAT-1474	proteomics_stat	1018332	1018364	-	4	4	N.PVTGNTCDNVK.Q	15
PSTAT-1475	proteomics_stat	1018332	1018376	-	4	2	M.GESNPVTGNTCDNVK.Q	19
PSTAT-1476	proteomics_stat	1018332	1018379	-	4	2	G.MGESNPVTGNTCDNVK.Q	20
PSTAT-1477	proteomics_stat	1018332	1018382	-	4	116	R.GMGESNPVTGNTCDNVK.Q	21
PSTAT-1478	proteomics_stat	1018332	1018385	-	4	6	A.RMGESNPVTGNTCDNVK.Q	22
PSTAT-1479	proteomics_stat	1018383	1018406	-	4	5	I.PADKISAR.G	12
PSTAT-1480	proteomics_stat	1018383	1018412	-	4	5	K.GIPADKISAR.G	14
PSTAT-1481	proteomics_stat	1018413	1018439	-	4	2	Q.SVVDYLISK.G	13
PSTAT-1482	proteomics_stat	1018413	1018445	-	4	11	R.AQSVVDYLISK.G	15
PSTAT-1483	proteomics_stat	1018413	1018448	-	4	142	R.RAQSVVDYLISK.G	16
PSTAT-1484	proteomics_stat	1018449	1018481	-	4	2	G.SDAYNQGLSER.R	15
PSTAT-1485	proteomics_stat	1018449	1018484	-	4	4	I.GSDAYNQGLSER.R	16
PSTAT-1486	proteomics_stat	1018449	1018487	-	4	88	R.IGSDAYNQGLSER.R	17
PSTAT-1487	proteomics_stat	1018449	1018490	-	4	20	D.RIGSDAYNQGLSER.R	18
PSTAT-1488	proteomics_stat	1018488	1018523	-	4	94	K.DGSVVVLGYTDR.I	16
PSTAT-1489	proteomics_stat	1018524	1018592	-	4	3	A.TLKPEGQAALDQLYSQLSNLDPK.D	27
PSTAT-1490	proteomics_stat	1018524	1018595	-	4	187	K.ATLKPEGQAALDQLYSQLSNLDPK.D	28
PSTAT-1491	proteomics_stat	1018524	1018598	-	4	7	N.KATLKPEGQAALDQLYSQLSNLDPK.D	29
PSTAT-1492	proteomics_stat	1018530	1018595	-	4	23	K.ATLKPEGQAALDQLYSQLSNLD.P	26
PSTAT-1493	proteomics_stat	1018551	1018595	-	4	2	K.ATLKPEGQAALDQLY.S	19
PSTAT-1494	proteomics_stat	1018596	1018622	-	4	24	K.SDVLFNFNK.A	13
PSTAT-1495	proteomics_stat	1018638	1018706	-	4	12	R.FGQGEAAPVAPAPAPEVQTK.H	27
PSTAT-1496	proteomics_stat	1018707	1018799	-	4	5	R.LEYQWTTNIGDAHTIGTRPDNGMLSLGVSYSR.F	35
PSTAT-1497	proteomics_stat	1018800	1018874	-	4	15	K.NHDTGVSPVFAGGVEYAITPEIATR.L	29
PSTAT-1498	proteomics_stat	1018926	1018967	-	4	6	K.LGYPTDDLDIYTR.L	18
PSTAT-1499	proteomics_stat	1018995	1019021	-	4	4	K.GSVENGAYK.A	13

PSTAT-1500	proteomics_stat	1018995	1019033	-	4	3	R.MPYKGSVENGAYK.A	17
PSTAT-1501	proteomics_stat	1019118	1019177	-	4	2	K.LGWSQYHDTGFINNNGPTHE.N	24
PSTAT-1502	proteomics_stat	1025993	1026076	-	6	4	R.ATGMNVNAMLGSPMGDDQVVALISEGK.I	32
PSTAT-1503	proteomics_stat	1026077	1026142	-	6	7	R.HQPLLEQHVLVYATGTTGNLISR.A	26
PSTAT-1504	proteomics_stat	1028347	1028376	-	5	2	K.AEFVRDDVFK.L	14
PSTAT-1505	proteomics_stat	1028620	1028706	-	5	2	R.KKEGMELTQGPVTGELPPALLPIEEHGMK.L	33
PSTAT-1506	proteomics_stat	1028725	1028781	-	5	3	R.AALISALQTLYPECSIYDR.S	23
PSTAT-1507	proteomics_stat	1028782	1028835	-	5	7	R.FGNFLVLQLLSAGAERYR.A	22
PSTAT-1508	proteomics_stat	1028950	1029000	-	5	3	R.VWTFDPSEIDIAFFSR.R	21
PSTAT-1509	proteomics_stat	1029049	1029093	-	5	3	K.ASLGETIDIVDHQGK.W	19
PSTAT-1510	proteomics_stat	1031776	1031820	-	5	2	N.RAGSGSGTFFELNKR.S	19
PSTAT-1511	proteomics_stat	1057127	1057174	-	6	2	M.PHHIVIVEDEPVTQAR.L	20
PSTAT-1512	proteomics_stat	1062099	1062182	-	4	8	K.IVMPPKPDENTAALWQQLADAQSSFDPK.K	32
PSTAT-1513	proteomics_stat	1062183	1062215	-	4	3	K.KQTGDLYAVLK.I	15
PSTAT-1514	proteomics_stat	1062480	1062509	-	4	5	K.IPAGVGNGQR.I	14
PSTAT-1515	proteomics_stat	1062525	1062587	-	4	17	R.TISYNLPVYNAFGMIEQEIPK.T	25
PSTAT-1516	proteomics_stat	1062678	1062761	-	4	46	R.QFHHDGQSFNAEDFDDIFSSIFGQHAR.Q	32
PSTAT-1517	proteomics_stat	1062816	1062863	-	4	22	R.FKEVAEAWEVLSDEQR.R	20
PSTAT-1518	proteomics_stat	1062864	1062905	-	4	2	K.YHPDVSKEPDAAEAR.F	18
PSTAT-1519	proteomics_stat	1062864	1062908	-	4	7	R.KYHPDVSKEPDAAEAR.F	19
PSTAT-1520	proteomics_stat	1062942	1062986	-	4	7	K.DYYAIMGVKPTDDLK.T	19
PSTAT-1521	proteomics_stat	1066096	1066143	-	5	7	K.TDKDSLFWGEQTIERK.N	20
PSTAT-1522	proteomics_stat	1066099	1066143	-	5	7	K.TDKDSLFWGEQTIER.K	19
PSTAT-1523	proteomics_stat	1066156	1066191	-	5	5	K.IWEEGSDEVLVK.A	16
PSTAT-1524	proteomics_stat	1066204	1066260	-	5	51	R.NTSPEIAEAI FEVAGYDEK.M	23
PSTAT-1525	proteomics_stat	1066347	1066382	-	4	11	R.YQGEYVAGLAVK.L	16
PSTAT-1526	proteomics_stat	1066416	1066466	-	4	19	R.GGTPYGATTIAGGDGSR.Q	21
PSTAT-1527	proteomics_stat	1066467	1066532	-	4	2	H.HGMVIVPIGYAAQELFDVSQVR.G	26
PSTAT-1528	proteomics_stat	1066566	1066667	-	4	3	R.TFLDQTGGLWASGALYGKSLASVFSSTGTGGGQEQ.T	38
PSTAT-1529	proteomics_stat	1066614	1066658	-	4	2	L.DQTGGLWASGALYGK.L	19
PSTAT-1530	proteomics_stat	1066614	1066664	-	4	7	T.FLDQTGGLWASGALYGK.L	21
PSTAT-1531	proteomics_stat	1066614	1066667	-	4	33	R.TFLDQTGGLWASGALYGK.L	22
PSTAT-1532	proteomics_stat	1066668	1066694	-	4	5	R.FGNMSGQMR.T	13
PSTAT-1533	proteomics_stat	1066695	1066769	-	4	14	K.TQTAPVATPQELADYDAIIFGTPTTR.F	29
PSTAT-1534	proteomics_stat	1066782	1066820	-	4	57	K.RVPETMPPQLFEK.A	17
PSTAT-1535	proteomics_stat	1066821	1066847	-	4	9	K.VDGAEVVVK.R	13
PSTAT-1536	proteomics_stat	1066821	1066871	-	4	12	R.AVAEGASKVDGAEVVVK.R	21
PSTAT-1537	proteomics_stat	1076294	1076335	-	6	2	K.LAQEQQTGLPHPK.I	18
PSTAT-1538	proteomics_stat	1077761	1077805	-	6	2	R.RPETEAVSMLEQAR.L	19
PSTAT-1539	proteomics_stat	1079434	1079520	-	5	6	R.QQNPGNPRVKQNLRFKHTLGLVLIYRTS.Q	33
PSTAT-1540	proteomics_stat	1087218	1087295	-	4	2	K.NIPQAKDKSILELQAQNWQKNGQHQA.I	30
PSTAT-1541	proteomics_stat	1093972	1094019	-	5	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-1542	proteomics_stat	1093972	1094019	-	5	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-1543	proteomics_stat	1093972	1094019	-	5	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-1544	proteomics_stat	1093972	1094019	-	5	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-1545	proteomics_stat	1093972	1094019	-	5	2	S.ENLLEQDFYASGPNQK.W	20



PSTAT-1546	proteomics_stat	1094529	1094585	-	4	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-1547	proteomics_stat	1094529	1094585	-	4	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-1548	proteomics_stat	1094529	1094585	-	4	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-1549	proteomics_stat	1094529	1094585	-	4	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-1550	proteomics_stat	1094529	1094585	-	4	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-1551	proteomics_stat	1113033	1113059	-	4	4	R.AAADEWDER.-	13
PSTAT-1552	proteomics_stat	1113288	1113341	-	4	3	D.NPGIDAEDANVQQFNAQK.Y	22
PSTAT-1553	proteomics_stat	1113288	1113344	-	4	2	A.DNPGIDAEDANVQQFNAQK.Y	23
PSTAT-1554	proteomics_stat	1113288	1113359	-	4	28	R.EEFLADNPGIDAEDANVQQFNAQK.Y	28
PSTAT-1555	proteomics_stat	1113288	1113401	-	4	14	M.TMYATLEEIDAAREEFLADNPGIDAEDANVQQFNAQK.Y	42
PSTAT-1556	proteomics_stat	1113360	1113401	-	4	5	M.TMYATLEEIDAAR.E	18
PSTAT-1557	proteomics_stat	1115116	1115187	-	5	3	R.SSVFVPLFAVEQAATTTGTWMLAR.M	28
PSTAT-1558	proteomics_stat	1117283	1117360	-	6	2	K.KDGDELDTGDLTLNGVTKPVTLEAK.L	30
PSTAT-1559	proteomics_stat	1117358	1117396	-	6	3	K.YPQATFTSTSVKK.D	17
PSTAT-1560	proteomics_stat	1117361	1117396	-	6	2	K.YPQATFTSTSVK.K	16
PSTAT-1561	proteomics_stat	1117439	1117489	-	6	2	K.VNVTINTTSVDTNHAER.D	21
PSTAT-1562	proteomics_stat	1117439	1117507	-	6	4	K.NPAADKVNVTINTTSVDTNHAER.D	27
PSTAT-1563	proteomics_stat	1117541	1117582	-	6	6	R.IQHLGYSWLYGTFK.D	18
PSTAT-1564	proteomics_stat	1118736	1118786	-	4	3	K.FASVLGEIAADFAQDKK.S	21
PSTAT-1565	proteomics_stat	1118931	1118984	-	4	5	R.VPFAEVASDGSEAFPFLR.N	22
PSTAT-1566	proteomics_stat	1119033	1119113	-	4	3	K.NKFPFTGELPNGDQYYGFPAENDALK.I	31
PSTAT-1567	proteomics_stat	1119369	1119419	-	4	4	R.VPDNYIGLFETDSGFLR.S	21
PSTAT-1568	proteomics_stat	1119462	1119551	-	4	2	R.SGVINLGPADSTFLANVAHSAEQWQLNVEK.L	34
PSTAT-1569	proteomics_stat	1119552	1119581	-	4	4	R.HNEEDPIFVR.S	14
PSTAT-1570	proteomics_stat	1119582	1119611	-	4	2	R.AQTLWDELSR.H	14
PSTAT-1571	proteomics_stat	1119633	1119656	-	4	4	R.HAYGEGEK.Y	12
PSTAT-1572	proteomics_stat	1120802	1120879	-	6	12	R.EEQQVAESIALTDDTLVPFLAGETVR.W	30
PSTAT-1573	proteomics_stat	1121060	1121089	-	6	5	F.LGTDSAPHAR.H	14
PSTAT-1574	proteomics_stat	1121060	1121092	-	6	7	V.FLGTDSAPHAR.H	15
PSTAT-1575	proteomics_stat	1121060	1121095	-	6	10	R.VFLGTDSAPHAR.H	16
PSTAT-1576	proteomics_stat	1121165	1121206	-	6	2	R.NHMLVGGVRPHLYC.L	18
PSTAT-1577	proteomics_stat	1121168	1121206	-	6	6	R.NHMLVGGVRPHLYC	17
PSTAT-1578	proteomics_stat	1121207	1121248	-	6	16	R.LAATITPQHLMFNR.N	18
PSTAT-1579	proteomics_stat	1121264	1121284	-	6	8	K.DAADYVR.D	11
PSTAT-1580	proteomics_stat	1121285	1121308	-	6	5	V.VFEHITTK.D	12
PSTAT-1581	proteomics_stat	1121285	1121311	-	6	10	K.VVFEHITTK.D	13
PSTAT-1582	proteomics_stat	1121285	1121314	-	6	2	L.KVVFEHITTK.D	14
PSTAT-1583	proteomics_stat	1121333	1121362	-	6	5	R.FIESVMEPLR.Q	14
PSTAT-1584	proteomics_stat	1121372	1121434	-	6	31	K.IGMPLLVHGEVTHADIDIFDR.E	25
PSTAT-1585	proteomics_stat	1121444	1121521	-	6	7	K.LYPANATTNSSHGVTSIDAIMPVLER.M	30
PSTAT-1586	proteomics_stat	1121522	1121554	-	6	2	R.GFNEGVFTAAL.L	15
PSTAT-1587	proteomics_stat	1121555	1121644	-	6	9	R.ILDVAPAGHDFTPLMTCYLTDSLDPNELER.G	34
PSTAT-1588	proteomics_stat	1121651	1121713	-	6	9	R.AIVMPNLAPPVTTVEAAVAYR.Q	25
PSTAT-1589	proteomics_stat	1121714	1121749	-	6	4	K.TVVPYTSEIYGR.A	16
PSTAT-1590	proteomics_stat	1121768	1121797	-	6	13	R.RPDDWHLHLR.D	14
PSTAT-1591	proteomics_stat	1122029	1122064	-	6	3	R.NYFNQQPAYVLR.E	16

PSTAT-1592	proteomics_stat	1122065	1122115	-	6	3	K.MQTVMQTLLPYLNQALR.N	21
PSTAT-1593	proteomics_stat	1122116	1122154	-	6	3	K.EMEVVDATVQPEK.M	17
PSTAT-1594	proteomics_stat	1122669	1122698	-	4	2	R.VADYRDNMAK.Q	14
PSTAT-1595	proteomics_stat	1122738	1122791	-	4	2	N.AVNGELSEDDIQLFPLLR.N	22
PSTAT-1596	proteomics_stat	1122738	1122809	-	4	3	K.LIVKPNVAVNGELSEDDIQLFPLLR.N	28
PSTAT-1597	proteomics_stat	1122738	1122821	-	4	2	R.ALDKLIVKPNVAVNGELSEDDIQLFPLLR.N	32
PSTAT-1598	proteomics_stat	1122843	1122899	-	4	4	K.EASAGNFADLLAHS DGLIK.N	23
PSTAT-1599	proteomics_stat	1122921	1122956	-	4	3	K.SAFDEFSTPAAR.K	16
PSTAT-1600	proteomics_stat	1123005	1123034	-	4	7	K.RSPAIEEWLR.K	14
PSTAT-1601	proteomics_stat	1123035	1123106	-	4	3	R.YMPESMDIVHYVDKLDGKPLLTGK.R	28
PSTAT-1602	proteomics_stat	1123065	1123106	-	4	4	R.YMPESMDIVHYVDK.L	18
PSTAT-1603	proteomics_stat	1123155	1123211	-	4	7	K.NIPVELHVLLNDDAETPTR.M	23
PSTAT-1604	proteomics_stat	1123533	1123616	-	4	3	S.IIAEPARETLSASLADARARGSYMGFSL.L	32
PSTAT-1605	proteomics_stat	1140519	1140554	-	4	5	R.APAPEYVPEAPR.H	16
PSTAT-1606	proteomics_stat	1141011	1141055	-	4	8	R.YPIVRPQDVQVEEQR.E	19
PSTAT-1607	proteomics_stat	1141011	1141067	-	4	2	K.VWIRYPIVRPQDVQVEEQR.E	23
PSTAT-1608	proteomics_stat	1141068	1141133	-	4	3	R.YPTQSPMPLTVACASPELASGK.V	26
PSTAT-1609	proteomics_stat	1141068	1141148	-	4	4	R.YRDERYPTQSPMPLTVACASPELASGK.V	31
PSTAT-1610	proteomics_stat	1141194	1141268	-	4	2	A.QTAPEQQEENNADNRDNGGMPPRRSR.R	29
PSTAT-1611	proteomics_stat	1141224	1141289	-	4	5	K.VPLPVVAQTAPEQQEENNADNR.D	26
PSTAT-1612	proteomics_stat	1141305	1141400	-	4	3	R.YEQSVAEEAVVAPVVEETVAAEPIVQEAPAPR.T	36
PSTAT-1613	proteomics_stat	1141455	1141505	-	4	9	K.ALNVEEQSVQETEQEER.V	21
PSTAT-1614	proteomics_stat	1141563	1141589	-	4	2	R.TADEQQAPR.R	13
PSTAT-1615	proteomics_stat	1141800	1141853	-	4	6	K.ALFSGGEEKPTEQPAPK.A	22
PSTAT-1616	proteomics_stat	1141872	1141922	-	4	6	K.AAPATPAAPAQPGLLSR.F	21
PSTAT-1617	proteomics_stat	1141923	1142027	-	4	19	R.KRPEQPALATFAMPDVPPAPTAEPAAPVVAPAPK.A	39
PSTAT-1618	proteomics_stat	1142028	1142078	-	4	5	K.LHEEAMALPSEEEFAER.K	21
PSTAT-1619	proteomics_stat	1142079	1142120	-	4	9	R.KGEETPTLSYMLPK.L	18
PSTAT-1620	proteomics_stat	1142127	1142180	-	4	3	R.CVIVPNDQMETPHYHVLR.V	22
PSTAT-1621	proteomics_stat	1142196	1142222	-	4	5	R.SAVNAIETR.Q	13
PSTAT-1622	proteomics_stat	1142223	1142315	-	4	7	R.LIEEEALKENTQEVHAIVPVPIASYLLNEK.R.S	35
PSTAT-1623	proteomics_stat	1142226	1142291	-	4	2	K.ENTQEVHAIVPVPIASYLLNEK.R	26
PSTAT-1624	proteomics_stat	1142226	1142315	-	4	3	R.LIEEEALKENTQEVHAIVPVPIASYLLNEK.R	34
PSTAT-1625	proteomics_stat	1142226	1142318	-	4	3	L.RLIEEEALKENTQEVHAIVPVPIASYLLNEK.R	35
PSTAT-1626	proteomics_stat	1142316	1142348	-	4	3	R.DNESLSLSILR.L	15
PSTAT-1627	proteomics_stat	1142424	1142447	-	4	2	R.FGLLEMSR.Q	12
PSTAT-1628	proteomics_stat	1142529	1142579	-	4	8	R.DLGGLIVIDFIDMTPVR.H	21
PSTAT-1629	proteomics_stat	1142667	1142738	-	4	6	R.LPSGGSSIVIDSTEALTAIDINSAR.A	28
PSTAT-1630	proteomics_stat	1142748	1142819	-	4	26	K.LYTGEIPLFSHYQIESQIESAFQR.E	28
PSTAT-1631	proteomics_stat	1142826	1142867	-	4	3	R.QHIAALGRPDFSSK.I	18
PSTAT-1632	proteomics_stat	1142886	1142921	-	4	3	R.QDIGEILIDNPK.V	16
PSTAT-1633	proteomics_stat	1142886	1142933	-	4	4	R.DYLRQDIGEILIDNPK.V	20
PSTAT-1634	proteomics_stat	1142943	1142987	-	4	3	R.PAPFLIHQESNVIVR.A	19
PSTAT-1635	proteomics_stat	1142943	1143002	-	4	8	K.AAESRPAPFLIHQESNVIVR.A	24
PSTAT-1636	proteomics_stat	1143084	1143134	-	4	3	K.EALASLELPEGMGLIVR.T	21
PSTAT-1637	proteomics_stat	1143084	1143146	-	4	2	R.TELKEALASLELPEGMGLIVR.T	25

PSTAT-1638	proteomics_stat	1143084	1143164	-	4	2	R.IEGDDRTELKEALASLELPEGMGLIVR.T	31
PSTAT-1639	proteomics_stat	1143084	1143167	-	4	5	R.RIEGDDRTELKEALASLELPEGMGLIVR.T	32
PSTAT-1640	proteomics_stat	1143135	1143167	-	4	3	R.RIEGDDRTELK.E	15
PSTAT-1641	proteomics_stat	1143264	1143305	-	4	6	R.EGQEVIVQIDKEER.G	18
PSTAT-1642	proteomics_stat	1143366	1143398	-	4	3	R.HGFLPLKEIAR.E	15
PSTAT-1643	proteomics_stat	1143399	1143446	-	4	2	R.IEPSLEAAFVDYGAER.H	20
PSTAT-1644	proteomics_stat	1143477	1143521	-	4	3	R.LYDLDIESPGEQKK.A	19
PSTAT-1645	proteomics_stat	1143480	1143521	-	4	4	R.LYDLDIESPGEQK.K	18
PSTAT-1646	proteomics_stat	1143546	1143581	-	4	6	R.MLINATQQEELR.V	16
PSTAT-1647	proteomics_stat	1145264	1145317	-	6	2	R.DPNTLVGLPLIALCQMLR.R	22
PSTAT-1648	proteomics_stat	1145264	1145329	-	6	5	R.LEGRDPNTLVGLPLIALCQMLR.R	26
PSTAT-1649	proteomics_stat	1145363	1145395	-	6	3	K.EHPLHCAGSFK.S	15
PSTAT-1650	proteomics_stat	1145399	1145434	-	6	7	R.HLSEAEIDNYVR.K	16
PSTAT-1651	proteomics_stat	1145693	1145761	-	6	2	K.LQISFECAAPEVDETPRSDESPR.Q	27
PSTAT-1652	proteomics_stat	1165881	1165928	-	4	7	G.FVGQAFVTVAVQLLDR.V	20
PSTAT-1653	proteomics_stat	1167642	1167719	-	4	3	D.TPAGCFMINNCTTSPDSGDIANTLK.S	30
PSTAT-1654	proteomics_stat	1169870	1169911	-	6	7	K.NHVNPAWLIGLLQK.Q	18
PSTAT-1655	proteomics_stat	1170041	1170085	-	6	3	K.TENELEEIKVELIDR.F	19
PSTAT-1656	proteomics_stat	1170119	1170166	-	6	3	R.MPSLLPDDFIPDVNTR.L	20
PSTAT-1657	proteomics_stat	1170329	1170400	-	6	4	R.LEAIASLEDLGAGFALATHDLEIR.G	28
PSTAT-1658	proteomics_stat	1170716	1170763	-	6	3	R.GGQVYLYNDVENIQK.A	20
PSTAT-1659	proteomics_stat	1170989	1171030	-	6	3	K.FKDLGLLIVDEEHR.F	18
PSTAT-1660	proteomics_stat	1171463	1171507	-	6	2	K.VRDVAEELLDIYAQR.A	19
PSTAT-1661	proteomics_stat	1171556	1171594	-	6	10	R.YAGGAEEANAPLHK.L	17
PSTAT-1662	proteomics_stat	1172525	1172584	-	6	2	R.TLEEVEAINLLPAHEFPTDK.A	24
PSTAT-1663	proteomics_stat	1172645	1172692	-	6	2	R.GALLDLFPMGSELPYR.L	20
PSTAT-1664	proteomics_stat	1172693	1172734	-	6	3	R.HVDQVMEHGAYATR.G	18
PSTAT-1665	proteomics_stat	1172879	1172914	-	6	3	R.LSTLYQLPTMQR.G	16
PSTAT-1666	proteomics_stat	1173026	1173076	-	6	5	R.HAGPVVLIAPDMQNALR.L	21
PSTAT-1667	proteomics_stat	1181024	1181086	-	6	4	K.NGEWQNDVGAASSIYEEYYQK.L	25
PSTAT-1668	proteomics_stat	1181087	1181149	-	6	6	R.KLLSPEVANDKTLYPDAETIK.N	25
PSTAT-1669	proteomics_stat	1181117	1181149	-	6	7	R.KLLSPEVANDK.T	15
PSTAT-1670	proteomics_stat	1181150	1181197	-	6	3	K.QVAETIGYPTPNLAAR.K	20
PSTAT-1671	proteomics_stat	1181198	1181233	-	6	3	K.LINFLLRPDVAK.Q	16
PSTAT-1672	proteomics_stat	1181255	1181305	-	6	15	K.EGGIFWMDSLAIPANAK.N	21
PSTAT-1673	proteomics_stat	1181342	1181449	-	6	30	K.LMPNVAAFNSDNPANPYMEGEVNLGMIWNGSAFVAR.Q	40
PSTAT-1674	proteomics_stat	1181450	1181482	-	6	5	K.EIEAAYNELKK.L	15
PSTAT-1675	proteomics_stat	1181450	1181515	-	6	4	K.LGYSGNTTDPKEIEAAYNELKK.L	26
PSTAT-1676	proteomics_stat	1181483	1181515	-	6	3	K.LGYSGNTTDPK.E	15
PSTAT-1677	proteomics_stat	1181483	1181518	-	6	5	R.KLGYSGNTTDPK.E	16
PSTAT-1678	proteomics_stat	1181573	1181614	-	6	7	K.SVTSWADLWKPEYK.G	18
PSTAT-1679	proteomics_stat	1181615	1181743	-	6	2	K.LTNFSNLDPDMLNKPDPNNDYSIPYIWGATAIGVNGDAVDPK.S	47
PSTAT-1680	proteomics_stat	1181786	1181833	-	6	10	K.DGAYDLVVPSTYYVDK.M	20
PSTAT-1681	proteomics_stat	1181786	1181842	-	6	2	K.TYKDGYDLVVPSTYYVDK.M	23
PSTAT-1682	proteomics_stat	1181849	1181893	-	6	5	K.VIYSTYESNETMYAK.L	19
PSTAT-1683	proteomics_stat	1181909	1181983	-	6	8	A.DDNNTLYFYNWTEYVPPGLLEQFTK.E	29

PSTAT-1684	proteomics_stat	1183741	1183806	-	5	2	K.MVMVSEFFNEDDPDFDHSLDQK.M	26
PSTAT-1685	proteomics_stat	1183864	1183917	-	5	2	R.VEEINDDNHA EGLIGYVR.E	22
PSTAT-1686	proteomics_stat	1184275	1184316	-	5	3	R.LLLLDESLSALDYK.L	18
PSTAT-1687	proteomics_stat	1184437	1184463	-	5	3	K.TPAAEITPR.V	13
PSTAT-1688	proteomics_stat	1184650	1184727	-	5	2	K.EVIPQLDLTINNGEFLTLGPGCGK.T	30
PSTAT-1689	proteomics_stat	1184746	1184790	-	5	2	K.QPSSLSPLVQLAGIR.K	19
PSTAT-1690	proteomics_stat	1184746	1184796	-	5	2	L.NKQPSSLSPLVQLAGIR.K	21
PSTAT-1691	proteomics_stat	1186492	1186524	-	5	5	R.IGDDVYANGEK.I	15
PSTAT-1692	proteomics_stat	1186669	1186710	-	5	2	R.EMMLELINQPEHFK.Q	18
PSTAT-1693	proteomics_stat	1186711	1186755	-	5	4	R.AHPADVLPQEMDKLR.E	19
PSTAT-1694	proteomics_stat	1186717	1186755	-	5	3	R.AHPADVLPQEMDK.L	17
PSTAT-1695	proteomics_stat	1186756	1186800	-	5	7	R.ELGGNYSDPDVPPR.A	19
PSTAT-1696	proteomics_stat	1186801	1186839	-	5	2	R.ELISGFADYVLR.E	17
PSTAT-1697	proteomics_stat	1187308	1187385	-	5	6	R.GFNNFIDPISPDELAGLAMESEVDSR.L	30
PSTAT-1698	proteomics_stat	1187419	1187463	-	5	2	N.MEYQLTLNWPDFLER.H	19
PSTAT-1699	proteomics_stat	1188061	1188108	-	5	2	K.MSVSDAEPVMLEQISR.I	20
PSTAT-1700	proteomics_stat	1189002	1189028	-	4	2	R.GQGYLFELR.-	13
PSTAT-1701	proteomics_stat	1189029	1189070	-	4	6	K.IQAQYPQEVITTVR.G	18
PSTAT-1702	proteomics_stat	1189029	1189073	-	4	6	K.KIQAQYPQEVITTVR.G	19
PSTAT-1703	proteomics_stat	1189083	1189115	-	4	3	R.ESHTIDVLMGR.L	15
PSTAT-1704	proteomics_stat	1189116	1189157	-	4	3	K.DSLMLQLYPDAELR.E	18
PSTAT-1705	proteomics_stat	1189182	1189223	-	4	18	K.LTAFEYTIMETLIR.N	18
PSTAT-1706	proteomics_stat	1189257	1189316	-	4	5	R.NSGLASQVISLPPFQVDLSR.R	24
PSTAT-1707	proteomics_stat	1189257	1189319	-	4	4	R.RNSGLASQVISLPPFQVDLSR.R	25
PSTAT-1708	proteomics_stat	1189338	1189427	-	4	10	R.ESWQDKVEVLSAGADDYVTKPFHIEEVMAR.M	34
PSTAT-1709	proteomics_stat	1189428	1189469	-	4	2	R.SNDVSLPILVLTAR.E	18
PSTAT-1710	proteomics_stat	1189479	1189568	-	4	2	K.EADYYLNEHIPDIAIVDLGLPDEGLSLIR.R	34
PSTAT-1711	proteomics_stat	1189905	1189949	-	4	3	K.QFIDGLALPEEEKAR.L	19
PSTAT-1712	proteomics_stat	1189911	1189949	-	4	2	K.QFIDGLALPEEEK.A	17
PSTAT-1713	proteomics_stat	1189950	1189973	-	4	8	K.RVDAEGMK.Q	12
PSTAT-1714	proteomics_stat	1189998	1190024	-	4	8	R.YGIEKPYEK.L	13
PSTAT-1715	proteomics_stat	1190028	1190096	-	4	12	R.DHLLDELHDHNWEVLA EPIQTVMR.R	27
PSTAT-1716	proteomics_stat	1190028	1190111	-	4	5	K.LEVNRDHLLDELHDHNWEVLA EPIQTVMR.R	32
PSTAT-1717	proteomics_stat	1190124	1190177	-	4	21	R.NLGVGIGYALIA YQSTLK.G	22
PSTAT-1718	proteomics_stat	1190178	1190204	-	4	7	R.DLTDSTVLR.N	13
PSTAT-1719	proteomics_stat	1190229	1190315	-	4	2	M.PHKVNPIDFENSEGNLGLSNAVLQHLASK.L	33
PSTAT-1720	proteomics_stat	1190229	1190348	-	4	2	K.TIAGEIGSSTMPHKVNPIDFENSEGNLGLSNAVLQHLASK.L	44
PSTAT-1721	proteomics_stat	1190307	1190348	-	4	8	K.TIAGEIGSSTMPHK.V	18
PSTAT-1722	proteomics_stat	1190592	1190621	-	4	2	R.QLNQVEILGK.I	14
PSTAT-1723	proteomics_stat	1190640	1190663	-	4	2	K.EMANVAYR.M	12
PSTAT-1724	proteomics_stat	1190664	1190702	-	4	4	R.THGQPATPSTIGK.E	17
PSTAT-1725	proteomics_stat	1190724	1190765	-	4	4	R.QLIDGIKDLAVQYR.D	18
PSTAT-1726	proteomics_stat	1190766	1190798	-	4	2	T.ARDEVILPYWR.Q	15
PSTAT-1727	proteomics_stat	1190766	1190801	-	4	5	K.TARDEVILPYWR.Q	16
PSTAT-1728	proteomics_stat	1190802	1190900	-	4	9	K.VAEIPELHAVSEFIHFACTSEDINNLSHALMLK.T	37
PSTAT-1729	proteomics_stat	1190967	1191047	-	4	111	K.EVPAAADAIGYLDAIVASFSEEDAAR.I	31

PSTAT-1730	proteomics_stat	1191165	1191209	-	4	6	S.MELSSLTAVSPVDGR.Y	19
PSTAT-1731	proteomics_stat	1191357	1191410	-	4	2	R.IQVTGSPAVLQSPQVQAK.V	22
PSTAT-1732	proteomics_stat	1191621	1191665	-	4	2	R.VGLETLLGLVNASSR.Q	19
PSTAT-1733	proteomics_stat	1192031	1192063	-	6	2	R.YRQTDIPCTVK.A	15
PSTAT-1734	proteomics_stat	1192268	1192336	-	6	5	K.IITVDGDEIGEHLQGLMYHTLGQR.K	27
PSTAT-1735	proteomics_stat	1192424	1192459	-	6	5	R.KIAEDLGLVTAK.K	16
PSTAT-1736	proteomics_stat	1192460	1192567	-	6	6	R.GLDSNKDQSYFLYTLSHEQIAQSLFPVGELEKPVQR.K	40
PSTAT-1737	proteomics_stat	1193062	1193106	-	5	4	R.YPLEMIGDFNWPFTK.G	19
PSTAT-1738	proteomics_stat	1193155	1193196	-	5	2	R.WVSAEEILQASNL.R.S	18
PSTAT-1739	proteomics_stat	1193362	1193427	-	5	2	K.ALWNQPAGHLEADETLVEAAAR.E	26
PSTAT-1740	proteomics_stat	1201896	1201922	-	4	3	K.KPDVSITNK.Q	13
PSTAT-1741	proteomics_stat	1221870	1221983	-	4	3	K.VGAAVGAVTGVLGTNGLEGAIKGAVIGGTGGAILGKMK.-	42
PSTAT-1742	proteomics_stat	1223505	1223564	-	4	7	K.DGDISISILELNVTLPEAEELK.-	24
PSTAT-1743	proteomics_stat	1223565	1223612	-	4	3	K.YVQIDPEMVTVQLEQK.D	20
PSTAT-1744	proteomics_stat	1223613	1223636	-	4	2	K.DILEVICK.Y	12
PSTAT-1745	proteomics_stat	1223640	1223675	-	4	4	R.SDAEPHYLPQLR.K	16
PSTAT-1746	proteomics_stat	1223850	1223873	-	4	2	K.AYADTVER.L	12
PSTAT-1747	proteomics_stat	1223874	1223927	-	4	7	R.ASNQGEVILDINADAGK.A	22
PSTAT-1748	proteomics_stat	1223928	1223966	-	4	3	K.LVGVIPEDQSVLR.A	17
PSTAT-1749	proteomics_stat	1223973	1224014	-	4	18	R.GDMLSMEDVLEILR.I	18
PSTAT-1750	proteomics_stat	1224039	1224086	-	4	9	R.AENGEEPIKEHLLLTR.Y	20
PSTAT-1751	proteomics_stat	1224039	1224089	-	4	11	R.RAENGEEPIKEHLLLTR.Y	21
PSTAT-1752	proteomics_stat	1224288	1224308	-	4	2	R.DKDALTR.E	11
PSTAT-1753	proteomics_stat	1224309	1224347	-	4	4	R.TENLYILPASQTR.D	17
PSTAT-1754	proteomics_stat	1224309	1224350	-	4	5	K.RTENLYILPASQTR.D	18
PSTAT-1755	proteomics_stat	1224357	1224419	-	4	9	R.VVYDFVNVIQGDATLNQALIK.D	25
PSTAT-1756	proteomics_stat	1224357	1224422	-	4	4	R.RVVYDFVNVIQGDATLNQALIK.D	26
PSTAT-1757	proteomics_stat	1224423	1224452	-	4	2	R.NLDLIMGCER.R	14
PSTAT-1758	proteomics_stat	1224495	1224536	-	4	10	K.TTSSAAIATGLAQK.G	18
PSTAT-1759	proteomics_stat	1224932	1224982	-	6	4	R.PAPTPQAPAQNTPVTK.T	21
PSTAT-1760	proteomics_stat	1224932	1224991	-	6	9	K.APRPAPTPQAPAQNTPVTK.T	24
PSTAT-1761	proteomics_stat	1225106	1225171	-	6	6	K.HAPVVLNVSALEDPVNWSAMHK.A	26
PSTAT-1762	proteomics_stat	1225199	1225225	-	6	3	K.VIHQALEDK.I	13
PSTAT-1763	proteomics_stat	1226297	1226320	-	6	3	K.YNVDIQIK.-	12
PSTAT-1764	proteomics_stat	1226297	1226323	-	6	20	K.KYNVDIQIK.-	13
PSTAT-1765	proteomics_stat	1226366	1226431	-	6	16	R.YSPELDSHGQYSLPASGKYELR.V	26
PSTAT-1766	proteomics_stat	1226378	1226428	-	6	3	Y.SPELDSHGQYSLPASGK.Y	21
PSTAT-1767	proteomics_stat	1226378	1226431	-	6	15	R.YSPELDSHGQYSLPASGK.Y	22
PSTAT-1768	proteomics_stat	1226432	1226512	-	6	167	K.VHVSISNEGADTYLFGPGIDDSVDLSR.Y	31
PSTAT-1769	proteomics_stat	1226432	1226515	-	6	3	Q.KVHVSISNEGADTYLFGPGIDDSVDLSR.Y	32
PSTAT-1770	proteomics_stat	1226525	1226560	-	6	12	K.GYDYDTYTFYAK.K	16
PSTAT-1771	proteomics_stat	1226561	1226596	-	6	4	K.GHSSAQYSGEIK.G	16
PSTAT-1772	proteomics_stat	1226597	1226620	-	6	6	K.NVNVEFRK.G	12
PSTAT-1773	proteomics_stat	1226600	1226620	-	6	3	K.NVNVEFRK.K	11
PSTAT-1774	proteomics_stat	1233374	1233424	-	6	2	R.TEDTDLQDDSHIDKHYK.V	21
PSTAT-1775	proteomics_stat	1235115	1235180	-	4	2	R.LSSQYNLSNLEPNIQIWNVDLR.G	26

PSTAT-1776	proteomics_stat	1235196	1235270	-	4	10	R.FFTVLDDDRHNYLEISAIHNEEGYR.E	29
PSTAT-1777	proteomics_stat	1235289	1235333	-	4	5	R.DFKDEFISQFLSPK.V	19
PSTAT-1778	proteomics_stat	1235718	1235765	-	4	11	R.RYPSEPQENLLYFMEK.N	20
PSTAT-1779	proteomics_stat	1235811	1235855	-	4	3	K.SREEYLSQSVNMLWR.T	19
PSTAT-1780	proteomics_stat	1235907	1235951	-	4	3	R.LLDSCHALMNYGVDR.Y	19
PSTAT-1781	proteomics_stat	1235952	1235975	-	4	2	R.YGVDEVER.L	12
PSTAT-1782	proteomics_stat	1235976	1236002	-	4	2	R.KYITECEER.Y	13
PSTAT-1783	proteomics_stat	1236426	1236461	-	4	2	M.ATIDSMNKDTR.L	16
PSTAT-1784	proteomics_stat	1241437	1241484	-	5	5	R.TVTLPLGAHAILNTR.E	20
PSTAT-1785	proteomics_stat	1241485	1241532	-	5	3	R.LSIPLITGLDFGHEQR.T	20
PSTAT-1786	proteomics_stat	1242181	1242228	-	5	4	R.LTDAGHQVNNVEVIAR.R	20
PSTAT-1787	proteomics_stat	1243247	1243324	-	6	2	R.LYDLSLGGMGALLETAKPAELQEGMR.F	30
PSTAT-1788	proteomics_stat	1243508	1243549	-	6	2	K.AQHITITAETQGAK.V	18
PSTAT-1789	proteomics_stat	1244950	1244994	-	5	3	K.EQPCDNVPATRPTVK.S	19
PSTAT-1790	proteomics_stat	1245019	1245108	-	5	3	K.YDVSTTGTGGGGGEYPLQDGFNGVTLK.M	34
PSTAT-1791	proteomics_stat	1245190	1245273	-	5	4	K.SGQQWDAPNGWAPLQVWATEGLQNYGQK.E	32
PSTAT-1792	proteomics_stat	1245274	1245318	-	5	21	K.THLLQPGLNTTSVK.S	19
PSTAT-1793	proteomics_stat	1245352	1245405	-	5	4	R.NQLTAAALFLYVNAAL.D	22
PSTAT-1794	proteomics_stat	1245487	1245540	-	5	2	K.AAGDNAMANQYETLANAR.Q	22
PSTAT-1795	proteomics_stat	1245571	1245615	-	5	2	R.TTSIVPVDLNSLMFK.M	19
PSTAT-1796	proteomics_stat	1245616	1245651	-	5	3	R.WMDNPQQLNTR.T	16
PSTAT-1797	proteomics_stat	1245733	1245780	-	5	2	R.DTPRPESWVEDIATAK.S	20
PSTAT-1798	proteomics_stat	1246003	1246071	-	5	3	K.VADMVANFAHEIDTYGHIPNGNR.S	27
PSTAT-1799	proteomics_stat	1246144	1246194	-	5	2	K.WDSLLPLPEYVVPVGGGR.F	21
PSTAT-1800	proteomics_stat	1246144	1246215	-	5	2	R.STENTEKWDSLLPLPEYVVPVGGGR.F	28
PSTAT-1801	proteomics_stat	1246216	1246251	-	5	3	R.EHIDGLWPVLR.S	16
PSTAT-1802	proteomics_stat	1246294	1246326	-	5	2	R.HFVNVNFTLPK.E	15
PSTAT-1803	proteomics_stat	1246327	1246359	-	5	2	R.MQQNQSGFDLR.H	15
PSTAT-1804	proteomics_stat	1246360	1246416	-	5	4	K.TFADAVPNSDPLMILADYR.M	23
PSTAT-1805	proteomics_stat	1246435	1246509	-	5	3	A.EETPVPQPPDILLGPLFNDVQNAK.L	29
PSTAT-1806	proteomics_stat	1246946	1246990	-	6	3	K.LYAIQPEETLTLQDVK.T	19
PSTAT-1807	proteomics_stat	1247030	1247083	-	6	2	K.GICLSAGSPVSHSALIAR.E	22
PSTAT-1808	proteomics_stat	1247084	1247176	-	6	5	K.EELPQFNSPTILLAENIYPSTVLQDPAVVK.G	35
PSTAT-1809	proteomics_stat	1247084	1247203	-	6	2	R.TLVHILTQTK.EELPQFNSPTILLAENIYPSTVLQDPAVVK.G	44
PSTAT-1810	proteomics_stat	1247177	1247203	-	6	3	R.TLVHILTQTK.E	13
PSTAT-1811	proteomics_stat	1247234	1247284	-	6	3	K.ELSQQYQLDDEYLQAR.Y	21
PSTAT-1812	proteomics_stat	1247432	1247479	-	6	2	R.QAIDFTLLDLMTLAK.A	20
PSTAT-1813	proteomics_stat	1247561	1247641	-	6	2	R.QLAEDNFGETEEVAPPTLRPVPVSGK.A	31
PSTAT-1814	proteomics_stat	1247708	1247755	-	6	3	K.CVTPESINQIALLQVR.Y	20
PSTAT-1815	proteomics_stat	1247870	1247941	-	6	6	R.EQLGLPSSDTEISDTCPAYDEEAR.S	28
PSTAT-1816	proteomics_stat	1248185	1248244	-	6	2	K.IAIAAGIDDPQNPIGTDPAVK.V	24
PSTAT-1817	proteomics_stat	1248621	1248647	-	4	8	R.DGADGVISR.G	13
PSTAT-1818	proteomics_stat	1248648	1248686	-	4	3	R.QSLTLEELYQMFR.D	17
PSTAT-1819	proteomics_stat	1248783	1248824	-	4	2	K.LPAIADKDIGFILK.N	18
PSTAT-1820	proteomics_stat	1248783	1248836	-	4	3	K.VVEKLPAIADKDIGFILK.N	22
PSTAT-1821	proteomics_stat	1249165	1249230	-	5	2	R.VIALVNNLGGATPLSELYGVYNR.L	26

PSTAT-1822	proteomics_stat	1249312	1249386	-	5	15	R.RPFSSLDQTVDEMFDLLVNGSYHR.T	29
PSTAT-1823	proteomics_stat	1249684	1249749	-	5	2	K.NYTGDIILNFETATELLHDSGVK.V	26
PSTAT-1824	proteomics_stat	1249999	1250052	-	5	2	K.LINDVQDVLDDEQLAGLAK.A	22
PSTAT-1825	proteomics_stat	1255980	1256006	-	4	3	R.AEGKDYIVK.D	13
PSTAT-1826	proteomics_stat	1256025	1256081	-	4	2	R.AQTISFEDFITYKGEQGAK.E	23
PSTAT-1827	proteomics_stat	1256094	1256114	-	4	5	K.IHTDFEK.G	11
PSTAT-1828	proteomics_stat	1256115	1256162	-	4	2	R.AWTIPVGATAPQAAGK.I	20
PSTAT-1829	proteomics_stat	1256232	1256351	-	4	2	K.EGSVVVPVCAAVEADIAELDDDEERDEFMQELGLEEPLNR.V	44
PSTAT-1830	proteomics_stat	1256367	1256459	-	4	4	R.YLSFLTLKPTMYIANVNEDGFENNPYLDQVR.E	35
PSTAT-1831	proteomics_stat	1256472	1256498	-	4	4	R.ALDLSAEK.A	13
PSTAT-1832	proteomics_stat	1256499	1256534	-	4	3	K.CLPQLENAGMLR.A	16
PSTAT-1833	proteomics_stat	1256535	1256558	-	4	4	K.AELAVLEK.C	12
PSTAT-1834	proteomics_stat	1256610	1256681	-	4	5	K.VNPADDIEVINTELALADLTCER.A	28
PSTAT-1835	proteomics_stat	1256682	1256720	-	4	3	R.CFENDNIIHVSGK.V	17
PSTAT-1836	proteomics_stat	1256721	1256750	-	4	8	R.ETEAIHVVR.C	14
PSTAT-1837	proteomics_stat	1256751	1256789	-	4	2	K.GEGLGNQFLTNR.E	17
PSTAT-1838	proteomics_stat	1256751	1256801	-	4	9	K.GASKGEGLGNQFLTNR.E	21
PSTAT-1839	proteomics_stat	1256802	1256849	-	4	18	R.TLPTTFEVDIAGLVK.G	20
PSTAT-1840	proteomics_stat	1256850	1256885	-	4	4	R.LDQLAEIVKQR.T	16
PSTAT-1841	proteomics_stat	1256886	1256963	-	4	6	K.AGIEAANFPCTIEPNTGVVPMMPDR.L	30
PSTAT-1842	proteomics_stat	1257224	1257256	-	6	3	K.LIDEAIDEAAR.C	15
PSTAT-1843	proteomics_stat	1257257	1257301	-	6	5	K.VGVFLGKPPVSEQK.L	19
PSTAT-1844	proteomics_stat	1257308	1257334	-	6	4	R.IGIGHPGDK.N	13
PSTAT-1845	proteomics_stat	1257635	1257676	-	6	8	R.HNAGAWFVDLLAER.L	18
PSTAT-1846	proteomics_stat	1260154	1260192	-	5	2	R.ISNEESISAMFEH.-	17
PSTAT-1847	proteomics_stat	1260154	1260195	-	5	5	R.RISNEESISAMFEH.-	18
PSTAT-1848	proteomics_stat	1260196	1260234	-	5	5	R.TLTLSGMLAEAIR.R	17
PSTAT-1849	proteomics_stat	1260253	1260312	-	5	5	R.NSVIDEVVCDTIPLSDEIK.S	24
PSTAT-1850	proteomics_stat	1260313	1260360	-	5	3	A.YATHPIFSGNAANNLR.N	20
PSTAT-1851	proteomics_stat	1260313	1260363	-	5	2	F.AYATHPIFSGNAANNLR.N	21
PSTAT-1852	proteomics_stat	1260313	1260366	-	5	3	V.FAYATHPIFSGNAANNLR.N	22
PSTAT-1853	proteomics_stat	1260313	1260369	-	5	24	R.VFAYATHPIFSGNAANNLR.N	23
PSTAT-1854	proteomics_stat	1260382	1260405	-	5	5	K.AAEALKER.G	12
PSTAT-1855	proteomics_stat	1260406	1260456	-	5	5	R.DCVLVDDMIDTGGTLCK.A	21
PSTAT-1856	proteomics_stat	1260457	1260504	-	5	16	R.ANVSQVMHIIGDVAGR.D	20
PSTAT-1857	proteomics_stat	1260514	1260549	-	5	3	L.LNDTDMAIIDKR.R	16
PSTAT-1858	proteomics_stat	1260514	1260552	-	5	6	K.LLNDTDMAIIDKR.R	17
PSTAT-1859	proteomics_stat	1260727	1260765	-	5	2	K.VVADFLSSVGVD.R	17
PSTAT-1860	proteomics_stat	1260811	1260846	-	5	4	R.ITAVIPYFGYAR.Q	16
PSTAT-1861	proteomics_stat	1260952	1260996	-	5	4	R.FSDGEVSVQINENVR.G	19
PSTAT-1862	proteomics_stat	1260997	1261032	-	5	5	R.LYTSLGDAAVGR.F	16
PSTAT-1863	proteomics_stat	1261045	1261080	-	5	2	L.FAGNATPELAQR.I	16
PSTAT-1864	proteomics_stat	1261045	1261083	-	5	11	K.LFAGNATPELAQR.I	17
PSTAT-1865	proteomics_stat	1261261	1261287	-	5	2	K.GANLSPLHR.A	13
PSTAT-1866	proteomics_stat	1261525	1261596	-	5	5	K.WYLVAHPGVSIPTPVIFKDPPELPR.N	28
PSTAT-1867	proteomics_stat	1261597	1261659	-	5	2	R.GHAFAEGVGEILTPVDPPEK.W	25

PSTAT-1868	proteomics_stat	1261810	1261851	-	5	6	R.LPTGSGANISIDKR.L	18
PSTAT-1869	proteomics_stat	1261810	1261872	-	5	4	K.TAADSGRLPTGSGANISIDKR.L	25
PSTAT-1870	proteomics_stat	1261813	1261872	-	5	2	K.TAADSGRLPTGSGANISIDK.R	24
PSTAT-1871	proteomics_stat	1262136	1262186	-	4	2	K.TQPAMPANMELTDGGQR.I	21
PSTAT-1872	proteomics_stat	1262352	1262387	-	4	3	R.YTADDAEEMIGK.L	16
PSTAT-1873	proteomics_stat	1262397	1262477	-	4	6	R.LLLTNPLGSTELELNAQPGNVQLVDNK.G	31
PSTAT-1874	proteomics_stat	1262559	1262582	-	4	2	R.NLNQYQTR.G	12
PSTAT-1875	proteomics_stat	1272595	1272669	-	5	29	R.GQKPGEGYNIQQMLEILTAQNVVK.L	29
PSTAT-1876	proteomics_stat	1272595	1272708	-	5	2	R.LFLMSDAVTAGLRGQKPGEGYNIQQMLEILTAQNVVK.L	42
PSTAT-1877	proteomics_stat	1272754	1272813	-	5	6	K.IVIVANGAPYGSESLFNSLR.L	24
PSTAT-1878	proteomics_stat	1274489	1274518	-	6	3	R.RLDITESTVK.V	14
PSTAT-1879	proteomics_stat	1274531	1274557	-	6	3	K.LIAQGLPNK.M	13
PSTAT-1880	proteomics_stat	1274576	1274599	-	6	4	R.DVNQLTPR.E	12
PSTAT-1881	proteomics_stat	1274576	1274614	-	6	2	R.ATTERDVNQLTPR.E	17
PSTAT-1882	proteomics_stat	1274624	1274698	-	6	20	K.ALHQAAGEMVLSEALTPVLAASLR.A	29
PSTAT-1883	proteomics_stat	1274750	1274806	-	6	2	R.IVVFSVSNHEEDVVTALKR.G	23
PSTAT-1884	proteomics_stat	1275330	1275374	-	4	2	R.LVPSHQAIHLLQIAR.E	19
PSTAT-1885	proteomics_stat	1276143	1276223	-	4	3	R.NEMAMLGTALNNMSAELAESYAVLEQR.V	31
PSTAT-1886	proteomics_stat	1276413	1276481	-	4	3	R.ETVSADVSQFVAGLDQLVSGFDR.T	27
PSTAT-1887	proteomics_stat	1287248	1287295	-	6	15	K.IINIHHSFLPAFIGAR.P	20
PSTAT-1888	proteomics_stat	1287344	1287394	-	6	5	K.MADAIDAYQPDYVVLAK.Y	21
PSTAT-1889	proteomics_stat	1287413	1287457	-	6	4	R.FDIPFELVSHGLTR.N	19
PSTAT-1890	proteomics_stat	1287536	1287568	-	6	5	K.EAHCLGDLLMK.A	15
PSTAT-1891	proteomics_stat	1287617	1287694	-	6	12	R.TELEGIFNDSTLLADLDSALPEGSVR.E	30
PSTAT-1892	proteomics_stat	1287716	1287760	-	6	26	K.HELNIVQNNEFVDHR.T	19
PSTAT-1893	proteomics_stat	1291735	1291761	-	5	3	K.SLDDFLIKQ.-	13
PSTAT-1894	proteomics_stat	1291738	1291761	-	5	2	K.SLDDFLIK.Q	12
PSTAT-1895	proteomics_stat	1291825	1291851	-	5	2	S.YVDENGETK.T	13
PSTAT-1896	proteomics_stat	1291825	1291854	-	5	3	Y.SYVDENGETK.T	14
PSTAT-1897	proteomics_stat	1291825	1291857	-	5	28	K.YSYVDENGETK.T	15
PSTAT-1898	proteomics_stat	1291825	1291860	-	5	6	A.KYSYVDENGETK.T	16
PSTAT-1899	proteomics_stat	1291897	1291932	-	5	3	D.PNELLNSLAAVK.S	16
PSTAT-1900	proteomics_stat	1291897	1291959	-	5	6	R.EMLIADGIDPNELLNSLAAVK.S	25
PSTAT-1901	proteomics_stat	1291897	1291977	-	5	2	R.KLQQYREMLIADGIDPNELLNSLAAVK.S	31
PSTAT-1902	proteomics_stat	1291984	1292022	-	5	9	R.EEESAAAAEVEER.T	17
PSTAT-1903	proteomics_stat	1291984	1292025	-	5	94	R.REEESAAAAEVEER.T	18
PSTAT-1904	proteomics_stat	1292026	1292049	-	5	11	K.LEVVVNER.R	12
PSTAT-1905	proteomics_stat	1292026	1292088	-	5	27	R.ECTLETLEEMLEKLEVVVNER.R	25
PSTAT-1906	proteomics_stat	1292050	1292088	-	5	16	R.ECTLETLEEMLEK.L	17
PSTAT-1907	proteomics_stat	1294717	1294749	-	5	5	R.DYVEGETAAK.E	15
PSTAT-1908	proteomics_stat	1294717	1294779	-	5	2	K.QILLDTYYGRDYVEGETAAK.E	25
PSTAT-1909	proteomics_stat	1294720	1294749	-	5	10	R.DYVEGETAAK.K	14
PSTAT-1910	proteomics_stat	1294750	1294779	-	5	2	K.QILLDTYYGR.D	14
PSTAT-1911	proteomics_stat	1294804	1294851	-	5	6	K.LSEDAFDDQCTGANPR.Y	20
PSTAT-1912	proteomics_stat	1294804	1294863	-	5	2	A.NVDKLEDAFDDQCTGANPR.Y	24
PSTAT-1913	proteomics_stat	1294804	1294896	-	5	5	R.EAGVQEADFLANVDKLEDAFDDQCTGANPR.Y	35



PSTAT-1914	proteomics_stat	1294852	1294896	-	5	2	R.EAGVQEADFLANVDK.L	19
PSTAT-1915	proteomics_stat	1294927	1294953	-	5	2	K.LLAWLETLK.A	13
PSTAT-1916	proteomics_stat	1294975	1295019	-	5	4	Y.AEIADHLGLSAPGDR.T	19
PSTAT-1917	proteomics_stat	1294975	1295022	-	5	19	R.YAEIADHLGLSAPGDR.T	20
PSTAT-1918	proteomics_stat	1294975	1295025	-	5	4	R.RYAEIADHLGLSAPGDR.T	21
PSTAT-1919	proteomics_stat	1295068	1295094	-	5	12	R.YNANDNPTK.Q	13
PSTAT-1920	proteomics_stat	1295245	1295295	-	5	10	K.EYLPASYHEGSKNPVAR.E	21
PSTAT-1921	proteomics_stat	1295245	1295304	-	5	5	K.LLKEYLPASYHEGSKNPVAR.E	24
PSTAT-1922	proteomics_stat	1295260	1295295	-	5	12	K.EYLPASYHEGSK.N	16
PSTAT-1923	proteomics_stat	1295260	1295304	-	5	5	K.LLKEYLPASYHEGSK.N	19
PSTAT-1924	proteomics_stat	1295305	1295412	-	5	12	K.SLCAFGGLDAVTHAMEAYVSVLASEFSDGQALQALK.L	40
PSTAT-1925	proteomics_stat	1295413	1295487	-	5	9	K.YPLADYALTPDMAIVDANLVMDMPK.S	29
PSTAT-1926	proteomics_stat	1295413	1295520	-	5	3	F.AVVTTDDATGQKYPLADYALTPDMAIVDANLVMDMPK.S	40
PSTAT-1927	proteomics_stat	1295488	1295520	-	5	2	F.AVVTTDDATGQK.Y	15
PSTAT-1928	proteomics_stat	1295488	1295571	-	5	10	K.MIAVTTTSGTGSEVTPFAVVTTDDATGQK.Y	32
PSTAT-1929	proteomics_stat	1295488	1295607	-	5	3	R.IYKFPKMGVKAKMIAVTTTSGTGSEVTPFAVVTTDDATGQK.Y	44
PSTAT-1930	proteomics_stat	1295629	1295685	-	5	25	K.IMWVMYEHPEHFEEALR.F	23
PSTAT-1931	proteomics_stat	1295686	1295763	-	5	10	K.GAELANSFKPDVIIALGGGSPMDAAK.I	30
PSTAT-1932	proteomics_stat	1295686	1295766	-	5	26	R.KGAELANSFKPDVIIALGGGSPMDAAK.I	31
PSTAT-1933	proteomics_stat	1295767	1295832	-	5	245	K.AAGVETEVEFFEVEADPTLSIVR.K	26
PSTAT-1934	proteomics_stat	1295833	1295880	-	5	13	R.FLFNNGYADQITSVLK.A	20
PSTAT-1935	proteomics_stat	1295833	1295883	-	5	2	D.RFLFNNGYADQITSVLK.A	21
PSTAT-1936	proteomics_stat	1295902	1295952	-	5	25	R.GSLPIALDEVITDGHKR.A	21
PSTAT-1937	proteomics_stat	1295902	1295955	-	5	20	R.RGSLPIALDEVITDGHKR.A	22
PSTAT-1938	proteomics_stat	1295905	1295952	-	5	3	R.GSLPIALDEVITDGHK.R	20
PSTAT-1939	proteomics_stat	1295905	1295955	-	5	11	R.RGSLPIALDEVITDGHK.R	21
PSTAT-1940	proteomics_stat	1295980	1296003	-	5	3	R.AENMLWHK.L	12
PSTAT-1941	proteomics_stat	1296037	1296108	-	5	7	K.LAPSLTLGCGSWGGSISENVGPK.H	28
PSTAT-1942	proteomics_stat	1296109	1296162	-	5	3	I.LINTPASQGGIGDLYNFK.L	22
PSTAT-1943	proteomics_stat	1296109	1296165	-	5	14	R.ILINTPASQGGIGDLYNFK.L	23
PSTAT-1944	proteomics_stat	1296109	1296168	-	5	2	A.RILINTPASQGGIGDLYNFK.L	24
PSTAT-1945	proteomics_stat	1296202	1296267	-	5	2	L.VAMGGIGHTSCLYTDQDNQPAR.V	26
PSTAT-1946	proteomics_stat	1296202	1296270	-	5	17	K.LVAMGGIGHTSCLYTDQDNQPAR.V	27
PSTAT-1947	proteomics_stat	1296271	1296309	-	5	9	R.AKDFEDAVEKAEK.L	17
PSTAT-1948	proteomics_stat	1296280	1296303	-	5	2	K.DFEDAVEK.A	12
PSTAT-1949	proteomics_stat	1296280	1296309	-	5	12	R.AKDFEDAVEK.A	14
PSTAT-1950	proteomics_stat	1296310	1296336	-	5	5	K.LSPTLAMYP.A	13
PSTAT-1951	proteomics_stat	1296337	1296393	-	5	38	K.ILIGEVTVVDESEPFHEK.L	23
PSTAT-1952	proteomics_stat	1296394	1296435	-	5	6	K.IAELAGFSVPENTK.I	18
PSTAT-1953	proteomics_stat	1296436	1296480	-	5	22	K.NGALNAAIVGQPAYK.I	19
PSTAT-1954	proteomics_stat	1296481	1296504	-	5	5	K.AVQDVILK.N	12
PSTAT-1955	proteomics_stat	1296514	1296549	-	5	44	R.FATHGGYLLQK.E	16
PSTAT-1956	proteomics_stat	1296556	1296630	-	5	8	K.TFDNGVICASEQSVVVVDSVYDAVR.E	29
PSTAT-1957	proteomics_stat	1296631	1296657	-	5	4	R.AVASVLMK.T	13
PSTAT-1958	proteomics_stat	1296658	1296723	-	5	4	K.PAIGVGAGNTPVVIDETADIKR.A	26
PSTAT-1959	proteomics_stat	1296658	1296744	-	5	31	K.AAYSSGKPAIGVGAGNTPVVIDETADIKR.A	33

PSTAT-1960	proteomics_stat	1296661	1296744	-	5	4	K.AAYSSGKPAIGVGAGNTPVVIDETADIK.R	32
PSTAT-1961	proteomics_stat	1296745	1296852	-	5	5	K.DLIGWIDQPSVELSNALMHPDINLILATGGPGMVK.A	40
PSTAT-1962	proteomics_stat	1296853	1296900	-	5	6	K.AADIVLQAAIAAGAPK.D	20
PSTAT-1963	proteomics_stat	1296922	1296951	-	5	12	R.NAIIFSPHPR.A	14
PSTAT-1964	proteomics_stat	1296976	1297092	-	5	2	K.TCGVLEDDTFTGTTITIAEPIGIIICGIVPTTNPSTAIKF.S	43
PSTAT-1965	proteomics_stat	1297093	1297140	-	5	10	K.NHFASEYIYNAYKDEK.T	20
PSTAT-1966	proteomics_stat	1297102	1297140	-	5	17	K.NHFASEYIYNAYK.D	17
PSTAT-1967	proteomics_stat	1297150	1297188	-	5	2	M.AVAESGMGIVEDK.V	17
PSTAT-1968	proteomics_stat	1297150	1297191	-	5	8	K.MAVAESGMGIVEDK.V	18
PSTAT-1969	proteomics_stat	1297207	1297236	-	5	12	R.AAALAAADAR.I	14
PSTAT-1970	proteomics_stat	1297237	1297281	-	5	2	R.EYASFTQEQQVDKIFR.A	19
PSTAT-1971	proteomics_stat	1297246	1297281	-	5	10	R.EYASFTQEQQVDK.I	16
PSTAT-1972	proteomics_stat	1297300	1297341	-	5	9	M.AVTNVAELNALVER.V	18
PSTAT-1973	proteomics_stat	1305590	1305667	-	6	2	R.EYLIMTTPYFVPSDDLHAICTAAQR.G	30
PSTAT-1974	proteomics_stat	1306262	1306318	-	6	3	K.GNQLQLMTESDDVMQALIR.D	23
PSTAT-1975	proteomics_stat	1306355	1306402	-	6	7	K.HIFAEENSSVAAPLFK.L	20
PSTAT-1976	proteomics_stat	1307379	1307435	-	4	2	R.LGDNADVIPGDSNDSSVLK.K	23
PSTAT-1977	proteomics_stat	1308782	1308808	-	6	10	R.LQLLHDEGR.L	13
PSTAT-1978	proteomics_stat	1309890	1309922	-	4	2	K.YVAVDPEGKPR.A	15
PSTAT-1979	proteomics_stat	1310226	1310267	-	4	10	M.STTHNVPQGDLVLR.T	18
PSTAT-1980	proteomics_stat	1312787	1312834	-	6	2	K.QMADWLIQNIPQTTEK.F	20
PSTAT-1981	proteomics_stat	1312835	1312891	-	6	3	K.NAGDTASIPTIEAILNEEK.Q	23
PSTAT-1982	proteomics_stat	1312964	1313020	-	6	3	K.MAALGQSIGGIFPSDEIVK.G	23
PSTAT-1983	proteomics_stat	1313099	1313125	-	6	3	R.IEQHLSETK.N	13
PSTAT-1984	proteomics_stat	1313348	1313392	-	6	3	K.LLKETLEEEKATDIK.L	19
PSTAT-1985	proteomics_stat	1313588	1313623	-	6	2	R.IDQVVESESNLK.I	16
PSTAT-1986	proteomics_stat	1313729	1313782	-	6	20	K.TIEDVFIHLLSDTYSAEK.Q	22
PSTAT-1987	proteomics_stat	1314009	1314044	-	4	3	R.GGSGNFAEDREK.A	16
PSTAT-1988	proteomics_stat	1314458	1314478	-	6	2	K.VFVQPMK.A	11
PSTAT-1989	proteomics_stat	1314497	1314529	-	6	11	K.IIEQHINEPEK.M	15
PSTAT-1990	proteomics_stat	1314584	1314643	-	6	2	K.EYNAAPPLQGFGISAPDQVK.A	24
PSTAT-1991	proteomics_stat	1314584	1314649	-	6	11	K.LKEYNAAPPLQGFGISAPDQVK.A	26
PSTAT-1992	proteomics_stat	1314650	1314682	-	6	6	R.AALPLNHLVAK.L	15
PSTAT-1993	proteomics_stat	1314755	1314811	-	6	12	R.HNVAPIFICPPNADDDLLR.Q	23
PSTAT-1994	proteomics_stat	1314827	1314886	-	6	10	K.VGVDSVLVADVPVEESAPFR.Q	24
PSTAT-1995	proteomics_stat	1314887	1314919	-	6	3	K.GIDEFYAQCEK.V	15
PSTAT-1996	proteomics_stat	1314980	1315036	-	6	31	R.AFAAGVTPAQCFEMLALIR.Q	23
PSTAT-1997	proteomics_stat	1315037	1315078	-	6	5	D.PLADGPTIQNATLR.A	18
PSTAT-1998	proteomics_stat	1315037	1315090	-	6	86	I.PFSDPLADGPTIQNATLR.A	22
PSTAT-1999	proteomics_stat	1315037	1315141	-	6	90	K.IIDTLIEAGADALELGIPIFSDPLADGPTIQNATLR.A	39
PSTAT-2000	proteomics_stat	1315142	1315165	-	6	3	D.PGIEQSLK.I	12
PSTAT-2001	proteomics_stat	1315142	1315201	-	6	4	K.EGAFVFPVTLGDPGIEQSLK.I	24
PSTAT-2002	proteomics_stat	1315142	1315204	-	6	5	R.KEGAFVFPVTLGDPGIEQSLK.I	25
PSTAT-2003	proteomics_stat	1315211	1315237	-	6	3	R.YESLFAQLK.E	13
PSTAT-2004	proteomics_stat	1315264	1315302	-	5	13	R.GDKDIFTVHDILK.A	17
PSTAT-2005	proteomics_stat	1315303	1315350	-	5	13	R.ENPDKEQLLVNLSGR.G	20

PSTAT-2006	proteomics_stat	1315360	1315428	-	5	3	K.TLCLHEGIIPALESSHALAH.M	27
PSTAT-2007	proteomics_stat	1315369	1315428	-	5	9	K.TLCLHEGIIPALESSHALAH.A	24
PSTAT-2008	proteomics_stat	1315429	1315476	-	5	7	R.ADYVSITDDEALEAFK.T	20
PSTAT-2009	proteomics_stat	1315591	1315614	-	5	3	R.VGIYFGMK.A	12
PSTAT-2010	proteomics_stat	1315834	1315938	-	5	2	K.DACNEALRDWGSYETAHYMLGTAAGPHYPTIVR.E	39
PSTAT-2011	proteomics_stat	1315915	1315938	-	5	5	K.DACNEALR.D	12
PSTAT-2012	proteomics_stat	1315939	1315989	-	5	11	R.LMGAEVIPVHSGSATLK.D	21
PSTAT-2013	proteomics_stat	1316053	1316130	-	5	61	K.TEIIAETGAGQHGVASALASALLGLK.C	30
PSTAT-2014	proteomics_stat	1316053	1316139	-	5	3	R.MGKTEIIAETGAGQHGVASALASALLGLK.C	33
PSTAT-2015	proteomics_stat	1316179	1316208	-	5	11	R.EDLLHGGAHK.T	14
PSTAT-2016	proteomics_stat	1316179	1316211	-	5	4	K.REDLLHGGAHK.T	15
PSTAT-2017	proteomics_stat	1316209	1316256	-	5	3	K.CQNITAGTNTTLYLKR.E	20
PSTAT-2018	proteomics_stat	1316212	1316256	-	5	7	K.CQNITAGTNTTLYLKR.R	19
PSTAT-2019	proteomics_stat	1316257	1316289	-	5	4	K.NYAGRPTALTK.C	15
PSTAT-2020	proteomics_stat	1316290	1316328	-	5	2	K.DPEFQAQFNDLLK.N	17
PSTAT-2021	proteomics_stat	1316290	1316361	-	5	9	R.QLEEFVSAQKDPFQAQFNDLLK.N	28
PSTAT-2022	proteomics_stat	1316362	1316436	-	5	10	M.TTLLNPYFGEFGGMYVPQILMPALR.Q	29
PSTAT-2023	proteomics_stat	1316646	1316681	-	4	2	Y.VLDNGQGGSGQR.F	16
PSTAT-2024	proteomics_stat	1316646	1316705	-	4	5	R.EFQHVDKYVLDNGQGGSGQR.F	24
PSTAT-2025	proteomics_stat	1316706	1316738	-	4	2	K.ALSVGETLPAR.E	15
PSTAT-2026	proteomics_stat	1316739	1316771	-	4	3	R.EALPAHVAIWK.A	15
PSTAT-2027	proteomics_stat	1316772	1316837	-	4	14	K.VLSLAAVQLHGNEEQLYIDTLR.E	26
PSTAT-2028	proteomics_stat	1316838	1316873	-	4	5	R.NHDIADVVDKAK.V	16
PSTAT-2029	proteomics_stat	1316844	1316873	-	4	5	R.NHDIADVVDK.A	14
PSTAT-2030	proteomics_stat	1316874	1316942	-	4	4	R.CVNVEQAQEVMAAAPLQYVGVFR.N	27
PSTAT-2031	proteomics_stat	1317060	1317137	-	4	9	R.ELSHFANGFLIGSALMAHDDLHAAVR.R	30
PSTAT-2032	proteomics_stat	1317138	1317197	-	4	9	K.LGHNVTVISESGINTYAQVR.E	24
PSTAT-2033	proteomics_stat	1317219	1317242	-	4	2	R.DLSIDLNR.T	12
PSTAT-2034	proteomics_stat	1317537	1317575	-	4	2	K.HYASAISVLTDEK.Y	17
PSTAT-2035	proteomics_stat	1317669	1317698	-	4	2	R.HFYDALQGAR.T	14
PSTAT-2036	proteomics_stat	1317699	1317752	-	4	11	R.KQQQPLASFQNEVQPSTR.H	22
PSTAT-2037	proteomics_stat	1317861	1317917	-	4	21	R.LHGHEDLQANAQTVLEVLR.S	23
PSTAT-2038	proteomics_stat	1317918	1317971	-	4	2	K.GDAAHEAAVAANVAMLMR.L	22
PSTAT-2039	proteomics_stat	1318086	1318172	-	4	6	R.AAVVHSGGMDEVSLHAPTIVAELHDGEIK.S	33
PSTAT-2040	proteomics_stat	1318191	1318298	-	4	5	R.TLFNVLGPLINPAHPPALIGVYSPELVLPAAETLR.V	40
PSTAT-2041	proteomics_stat	1318353	1318397	-	4	5	R.QALDELGVCFLLFAPK.Y	19
PSTAT-2042	proteomics_stat	1318404	1318463	-	4	12	K.SGSSDLLAAFINGINLDMNADK.S	24
PSTAT-2043	proteomics_stat	1318680	1318727	-	4	5	R.GELKPEQLAAALVSMK.I	20
PSTAT-2044	proteomics_stat	1318728	1318790	-	4	10	K.LYQAQTLSQLQESHQLFSAVVR.G	25
PSTAT-2045	proteomics_stat	1318791	1318829	-	4	2	K.LEPANTLQPILEK.L	17
PSTAT-2046	proteomics_stat	1318830	1318865	-	4	2	R.LLEQTLAWAQQK.L	16
PSTAT-2047	proteomics_stat	1318866	1318919	-	4	8	R.VCGFQFHPELITTTQGAR.L	22
PSTAT-2048	proteomics_stat	1319016	1319084	-	4	9	K.ASSIEHDGQAMFAGLTNPLPVAR.Y	27
PSTAT-2049	proteomics_stat	1319190	1319279	-	4	7	R.LATMSNPVLMSPGVPSEAGCPELLTR.L	34
PSTAT-2050	proteomics_stat	1319280	1319312	-	4	3	R.NHIPAQTILIER.L	15
PSTAT-2051	proteomics_stat	1319343	1319405	-	4	26	M.ADILLLDNIDSFTYNLADQLR.S	25

PSTAT-2052	proteomics_stat	1319411	1319446	-	6	13	R.AIATAHHAQETF-	16
PSTAT-2053	proteomics_stat	1319471	1319563	-	6	3	R.SALVENGIATVQAGAVVLDSPQSEADETR.N	35
PSTAT-2054	proteomics_stat	1319678	1319716	-	6	2	R.ACMNMGTLGAPK.V	17
PSTAT-2055	proteomics_stat	1319717	1319746	-	6	8	R.HDLDALHAYR.A	14
PSTAT-2056	proteomics_stat	1319765	1319794	-	6	2	R.YSYVMHLVSR.V	14
PSTAT-2057	proteomics_stat	1319804	1319824	-	6	2	R.YVADLTK.V	11
PSTAT-2058	proteomics_stat	1319861	1319899	-	6	3	K.ELSEHMLVDLAR.N	17
PSTAT-2059	proteomics_stat	1320032	1320112	-	6	6	K.SNPSPYMFFMQDNDFTLFGASPESSLK.Y	31
PSTAT-2060	proteomics_stat	1320032	1320115	-	6	2	K.KSNPSPYMFFMQDNDFTLFGASPESSLK.Y	32
PSTAT-2061	proteomics_stat	1320266	1320322	-	6	6	R.QQLTEAAPLPVVSVPHMR.C	23
PSTAT-2062	proteomics_stat	1320350	1320394	-	6	3	R.IQASLFAPNEEEKQR.L	19
PSTAT-2063	proteomics_stat	1320548	1320586	-	6	3	R.LLQNLNVPKEER.E	17
PSTAT-2064	proteomics_stat	1320917	1320970	-	6	3	T.MQTQKPTLELLTCEGAYR.D	22
PSTAT-2065	proteomics_stat	1325815	1325838	-	5	2	K.HAFDAGVK.A	12
PSTAT-2066	proteomics_stat	1325839	1325886	-	5	2	R.DILELADTVSELRPVK.H	20
PSTAT-2067	proteomics_stat	1326438	1326491	-	4	2	K.TPADIMPLYLWLMGDDSR.R	22
PSTAT-2068	proteomics_stat	1326579	1326629	-	4	2	K.FATEGMMQVLADEYQQR.L	21
PSTAT-2069	proteomics_stat	1328576	1328626	-	6	5	R.EHEDTLAGIEATGVTQR.N	21
PSTAT-2070	proteomics_stat	1328648	1328683	-	6	2	K.ETQPIDRELLK.E	16
PSTAT-2071	proteomics_stat	1328663	1328692	-	6	3	I.MNKETQPIDR.E	14
PSTAT-2072	proteomics_stat	1336627	1336659	-	5	3	R.NPNNEHYLDTK.A	15
PSTAT-2073	proteomics_stat	1336993	1337037	-	5	3	R.VHSECLTGDALFSLR.C	19
PSTAT-2074	proteomics_stat	1341137	1341256	-	6	305	R.NTAIGAGAGALGGAVLTDGSTLGLTGGAAVGGVIGHQVGK.-	44
PSTAT-2075	proteomics_stat	1341137	1341262	-	6	2	R.DRNTAIGAGAGALGGAVLTDGSTLGLTGGAAVGGVIGHQVGK.-	46
PSTAT-2076	proteomics_stat	1341648	1341680	-	4	3	R.ASDLMHLEHSK.L	15
PSTAT-2077	proteomics_stat	1341714	1341755	-	4	4	K.FGAVHSYSIGPVER.F	18
PSTAT-2078	proteomics_stat	1341756	1341791	-	4	3	K.ECEAIVLTDSSK.F	16
PSTAT-2079	proteomics_stat	1342062	1342148	-	4	3	R.ELAEFAASLVQPGETIFIENGSSNALLAR.T	33
PSTAT-2080	proteomics_stat	1342296	1342358	-	4	2	R.QQTILQMVIDQGQVSVTDLAK.A	25
PSTAT-2081	proteomics_stat	1345098	1345142	-	4	3	R.DELVCSQENGTQVIK.G	19
PSTAT-2082	proteomics_stat	1345143	1345199	-	4	5	R.LVDNGAIAFIPAPFLHAVR.D	23
PSTAT-2083	proteomics_stat	1345281	1345307	-	4	3	R.DVGDWLYAR.F	13
PSTAT-2084	proteomics_stat	1345335	1345388	-	4	8	K.GETATRPQDEITVQMAER.R	22
PSTAT-2085	proteomics_stat	1345335	1345400	-	4	3	K.AVIKGETATRPQDEITVQMAER.R	26
PSTAT-2086	proteomics_stat	1345410	1345433	-	4	3	K.YGDMINHR.L	12
PSTAT-2087	proteomics_stat	1345536	1345574	-	4	4	R.ELDAQPTGFLLDSR.I	17
PSTAT-2088	proteomics_stat	1345536	1345577	-	4	2	R.RELDAQPTGFLLDSR.I	18
PSTAT-2089	proteomics_stat	1345584	1345640	-	4	91	K.THGLHVDAEEVLTLDGFCK.L	23
PSTAT-2090	proteomics_stat	1345641	1345694	-	4	3	N.VHMGFDPANADALAALLK.T	22
PSTAT-2091	proteomics_stat	1345641	1345715	-	4	7	K.LGFGIYNVHMGFDPANADALAALLK.T	29
PSTAT-2092	proteomics_stat	1345641	1345721	-	4	3	R.DKLGFGIYNVHMGFDPANADALAALLK.T	31
PSTAT-2093	proteomics_stat	1345791	1345841	-	4	3	R.FILGEKGEVLDIVAEPR.R	21
PSTAT-2094	proteomics_stat	1345842	1345859	-	4	4	K.DRPDYR.F	10
PSTAT-2095	proteomics_stat	1345899	1345922	-	4	2	R.LLAQICQR.R	12
PSTAT-2096	proteomics_stat	1345923	1346006	-	4	6	K.LVYDQVSDWLENTGDWQPESEIAEQVR.L	32
PSTAT-2097	proteomics_stat	1346013	1346081	-	4	5	R.MTLSADGTIEDNIEFFAATIESK.A	27

PSTAT-2098	proteomics_stat	1346082	1346114	-	4	3	R.ANEVRPVLACR.M	15
PSTAT-2099	proteomics_stat	1346115	1346144	-	4	3	R.ELSDDLCSLR.A	14
PSTAT-2100	proteomics_stat	1346145	1346192	-	4	7	R.AFTNYLPGFNIPMLPR.E	20
PSTAT-2101	proteomics_stat	1346208	1346291	-	4	2	K.ALPDDKLQLIVAIADPTAWIAEGSKLDK.A	32
PSTAT-2102	proteomics_stat	1346217	1346267	-	4	5	Q.LIVAIADPTAWIAEGSK.L	21
PSTAT-2103	proteomics_stat	1346217	1346291	-	4	13	K.ALPDDKLQLIVAIADPTAWIAEGSK.L	29
PSTAT-2104	proteomics_stat	1346292	1346369	-	4	116	R.EDLTALDFVTIDSASTEDMDDALFAK.A	30
PSTAT-2105	proteomics_stat	1346370	1346420	-	4	3	K.EAPDGVATEMLDEGLVR.E	21
PSTAT-2106	proteomics_stat	1346538	1346588	-	4	7	R.GLNHEFKEGDWAVAEMR.R	21
PSTAT-2107	proteomics_stat	1346616	1346648	-	4	3	R.LAIVPDHPLLK.D	15
PSTAT-2108	proteomics_stat	1346682	1346726	-	4	5	R.ESAPEELVEPFLTR.F	19
PSTAT-2109	proteomics_stat	1346682	1346732	-	4	2	K.ERESAPEELVEPFLTR.F	21
PSTAT-2110	proteomics_stat	1346733	1346759	-	4	3	R.IIAVIHSEK.E	13
PSTAT-2111	proteomics_stat	1346811	1346843	-	4	4	K.GFGFLEVDAQK.S	15
PSTAT-2112	proteomics_stat	1346901	1346936	-	4	2	I.MFQDNPLLAQLK.Q	16
PSTAT-2113	proteomics_stat	1348413	1348445	-	4	7	M.LAHCEAVTPIR.R	15
PSTAT-2114	proteomics_stat	1348413	1348448	-	4	25	K.MLAHCEAVTPIR.R	16
PSTAT-2115	proteomics_stat	1348413	1348451	-	4	5	R.KMLAHCEAVTPIR.R	17
PSTAT-2116	proteomics_stat	1348485	1348514	-	4	8	R.VNAISAGPIR.T	14
PSTAT-2117	proteomics_stat	1348515	1348550	-	4	8	R.YMANAMGPEGVR.V	16
PSTAT-2118	proteomics_stat	1348551	1348574	-	4	2	K.ASLEANVR.Y	12
PSTAT-2119	proteomics_stat	1348575	1348610	-	4	2	R.AIPNYNVMLAK.A	16
PSTAT-2120	proteomics_stat	1348611	1348661	-	4	5	M.LNPGSALLTSLYGAER.A	21
PSTAT-2121	proteomics_stat	1348611	1348664	-	4	2	S.MLNPGSALLTSLYGAER.A	22
PSTAT-2122	proteomics_stat	1348611	1348667	-	4	30	R.SMLNPGSALLTSLYGAER.A	23
PSTAT-2123	proteomics_stat	1348677	1348721	-	4	49	K.IAHDISSYSFVAMAK.A	19
PSTAT-2124	proteomics_stat	1348734	1348778	-	4	2	A.PGDQLDGDYVNAVTR.E	19
PSTAT-2125	proteomics_stat	1348734	1348793	-	4	2	H.SIGFAPGDQLDGDYVNAVTR.E	24
PSTAT-2126	proteomics_stat	1348734	1348811	-	4	18	K.FDGFVHSIGFAPGDQLDGDYVNAVTR.E	30
PSTAT-2127	proteomics_stat	1348824	1348922	-	4	16	R.VEEFAAQLGSDIVLQCDVAEDASIDTMFAELGK.V	37
PSTAT-2128	proteomics_stat	1348824	1348928	-	4	26	K.GRVEEFAAQLGSDIVLQCDVAEDASIDTMFAELGK.V	39
PSTAT-2129	proteomics_stat	1348929	1348973	-	4	3	R.EGAELAFTYQNDKLG	19
PSTAT-2130	proteomics_stat	1348929	1348997	-	4	2	Y.GIAQAMHREGAELAFTYQNDKLG	27
PSTAT-2131	proteomics_stat	1348935	1348973	-	4	3	R.EGAELAFTYQNDK.L	17
PSTAT-2132	proteomics_stat	1348974	1349012	-	4	7	K.LSIAYGIAQAMHR.E	17
PSTAT-2133	proteomics_stat	1349013	1349039	-	4	6	R.ILVTVGASK.L	13
PSTAT-2134	proteomics_stat	1349915	1349962	-	6	2	R.GSTADV LASPLHELTK.R	20
PSTAT-2135	proteomics_stat	1349963	1350013	-	6	3	K.HISDQVLVMHQGEVVER.G	21
PSTAT-2136	proteomics_stat	1350663	1350707	-	4	2	K.NHLYACHFPLNMEKE.-	19
PSTAT-2137	proteomics_stat	1350873	1350920	-	4	2	K.ELVTMPHHPYTQALIR.A	20
PSTAT-2138	proteomics_stat	1352763	1352801	-	4	2	R.HVLHNLPPVPR.L	17
PSTAT-2139	proteomics_stat	1353067	1353153	-	5	2	H.RLTGLFNPGLAGASVDAVLFTHARLVAR.F	33
PSTAT-2140	proteomics_stat	1353521	1353571	-	6	3	K.GLVLSFPGNASFAGVYR.E	21
PSTAT-2141	proteomics_stat	1354190	1354270	-	6	4	R.LTLRPGMNVAYLAFNTAKPPLNNPAVR.H	31
PSTAT-2142	proteomics_stat	1354661	1354711	-	6	2	N.GSNFPYFDSLQFADNVK.S	21
PSTAT-2143	proteomics_stat	1354661	1354735	-	6	4	R.NNPWHNVNGSNFPYFDSLQFADNVK.S	29

PSTAT-2144	proteomics_stat	1355567	1355605	-	6	3	R.TPLAHYFQLLLTR.L	17
PSTAT-2145	proteomics_stat	1355606	1355668	-	6	2	K.YFDIADEYATECAEPVAEAER.T	25
PSTAT-2146	proteomics_stat	1357877	1357930	-	6	2	R.FQPGMYVPTQASWGHNNR.T	22
PSTAT-2147	proteomics_stat	1357934	1358005	-	6	2	K.MLAGMIDLMPSSMALLAPNVNSYR.R	28
PSTAT-2148	proteomics_stat	1358375	1358425	-	6	5	R.DAEGYLQPPCAPGTDDR.N	21
PSTAT-2149	proteomics_stat	1358777	1358833	-	6	3	R.YPNTQYVDVLLTDLNGCFR.G	23
PSTAT-2150	proteomics_stat	1365166	1365219	-	5	3	R.HGTSDYPLDDIIIDPFKR.R	22
PSTAT-2151	proteomics_stat	1386332	1386436	-	6	35	R.AVVVIDENDNVIFSQVLVDEITTEPDYEAALAVLKA.-	39
PSTAT-2152	proteomics_stat	1386335	1386436	-	6	2	R.AVVVIDENDNVIFSQVLVDEITTEPDYEAALAVLK.A	38
PSTAT-2153	proteomics_stat	1386437	1386505	-	6	18	R.NAEFLQAYGVAIADGPKGLAAR.A	27
PSTAT-2154	proteomics_stat	1386452	1386505	-	6	98	R.NAEFLQAYGVAIADGPK.G	22
PSTAT-2155	proteomics_stat	1386506	1386550	-	6	2	C.GAEGLNNVITLSTFR.N	19
PSTAT-2156	proteomics_stat	1386506	1386553	-	6	3	F.CGAEGLNNVITLSTFR.N	20
PSTAT-2157	proteomics_stat	1386506	1386556	-	6	167	R.FCAGAEGLNNVITLSTFR.N	21
PSTAT-2158	proteomics_stat	1386557	1386634	-	6	25	K.FNQLATEIDNTVVLCSADLPFAQSR.F	30
PSTAT-2159	proteomics_stat	1386557	1386637	-	6	321	R.KFNQLATEIDNTVVLCSADLPFAQSR.F	31
PSTAT-2160	proteomics_stat	1386638	1386688	-	6	2	V.LNIFPSIDTGVCAASVR.K	21
PSTAT-2161	proteomics_stat	1386638	1386691	-	6	23	K.VLNIFPSIDTGVCAASVR.K	22
PSTAT-2162	proteomics_stat	1386638	1386694	-	6	11	R.KVLNIFPSIDTGVCAASVR.K	23
PSTAT-2163	proteomics_stat	1386695	1386736	-	6	4	K.DLSDVTLGQFAGKR.K	18
PSTAT-2164	proteomics_stat	1386698	1386736	-	6	31	K.DLSDVTLGQFAGK.R	17
PSTAT-2165	proteomics_stat	1386764	1386832	-	6	65	M.SQTVHFQGNPVTVANSIPQAGSK.A	27
PSTAT-2166	proteomics_stat	1393254	1393331	-	4	2	K.ITTFDNRPLYVPNSLFSSISVENPGR.M	30
PSTAT-2167	proteomics_stat	1395699	1395767	-	4	8	R.CDLLVIKPDQYQTPVELDDEEDD.-	27
PSTAT-2168	proteomics_stat	1395768	1395827	-	4	19	R.TGISAAFLGNTAEQVIDHLR.C	24
PSTAT-2169	proteomics_stat	1395828	1395884	-	4	21	I.PDLAEHLQAGIVVLGTVGR.T	23
PSTAT-2170	proteomics_stat	1395828	1395905	-	4	90	K.GLPEEVIPDLAEHLQAGIVVLGTVGR.T	30
PSTAT-2171	proteomics_stat	1395906	1395941	-	4	13	K.FGINENMTHVEK.G	16
PSTAT-2172	proteomics_stat	1396239	1396283	-	4	9	R.LEAVIFPTDWHLLR.K	19
PSTAT-2173	proteomics_stat	1396305	1396367	-	4	3	H.NRPFEAIIQEVISGGHDLVLK.M	25
PSTAT-2174	proteomics_stat	1396380	1396415	-	4	3	K.YYLNAGVPIEK.V	16
PSTAT-2175	proteomics_stat	1396416	1396442	-	4	3	R.TAWIHEQAK.Y	13
PSTAT-2176	proteomics_stat	1396476	1396538	-	4	47	K.AFLPIYDFSYEMTLLSPDER.T	25
PSTAT-2177	proteomics_stat	1396581	1396610	-	4	2	D.PNQDDQPALR.R	14
PSTAT-2178	proteomics_stat	1396581	1396643	-	4	2	M.AMYQNMLVVDPNQDDQPALR.R	25
PSTAT-2179	proteomics_stat	1396810	1396869	-	5	5	K.GKYITIENNDALAQLAGHTR.N	24
PSTAT-2180	proteomics_stat	1396912	1396959	-	5	3	R.GDIGNYLGLTVETISR.L	20
PSTAT-2181	proteomics_stat	1409184	1409258	-	4	2	R.IETMFSAMQNVVPSHLCDTNLFDK.G	29
PSTAT-2182	proteomics_stat	1414847	1414906	-	6	3	V.SHKTSLLDPLEIRELHKLVR.D	24
PSTAT-2183	proteomics_stat	1433212	1433241	-	5	24	R.HAECVLLVVR.-	14
PSTAT-2184	proteomics_stat	1433350	1433388	-	5	8	R.VHVHVEEGSPKDR.I	17
PSTAT-2185	proteomics_stat	1433356	1433388	-	5	21	R.VHVHVEEGSPK.D	15
PSTAT-2186	proteomics_stat	1433410	1433436	-	5	5	K.SQLEEIKK.F	13
PSTAT-2187	proteomics_stat	1433413	1433436	-	5	3	K.SQLEEI.K	12
PSTAT-2188	proteomics_stat	1433437	1433499	-	5	4	A.SLGLAYSaelPAMDDLKAEAK.S	25
PSTAT-2189	proteomics_stat	1433437	1433556	-	5	5	K.IDDAEVHFLTVIPSLPYASLGLAYSaelPAMDDLKAEAK.S	44

PSTAT-2190	proteomics_stat	1433557	1433583	-	5	2	V.ISHVVEEAK.I	13
PSTAT-2191	proteomics_stat	1433557	1433586	-	5	18	R.VISHVEEAK.I	14
PSTAT-2192	proteomics_stat	1433587	1433622	-	5	2	V.PIDISDELTQR.V	16
PSTAT-2193	proteomics_stat	1433587	1433634	-	5	11	R.TILVPIDISDELTQR.V	20
PSTAT-2194	proteomics_stat	1433587	1433637	-	5	2	N.RTILVPIDISDELTQR.V	21
PSTAT-2195	proteomics_stat	1435365	1435406	-	4	2	R.LNSQQPEVAEQLWK.D	18
PSTAT-2196	proteomics_stat	1435416	1435502	-	4	5	R.RADEGKLPALDSRPPSEAPEETLLHEQR.F	33
PSTAT-2197	proteomics_stat	1435944	1435967	-	4	6	R.DADALVEK.S	12
PSTAT-2198	proteomics_stat	1435968	1436009	-	4	2	R.QQLNDVAEAHELLR.D	18
PSTAT-2199	proteomics_stat	1436058	1436111	-	4	3	R.LLDQFADKIPAELLTALK.S	22
PSTAT-2200	proteomics_stat	1436208	1436294	-	4	2	R.MLIANATGCSSYGGNLPSTPYTTDANGR.G	33
PSTAT-2201	proteomics_stat	1436424	1436465	-	4	2	K.INYDFFLNLPEIDR.S	18
PSTAT-2202	proteomics_stat	1437237	1437299	-	4	7	R.LKPGGIFLLNTPYSADEVWSR.L	25
PSTAT-2203	proteomics_stat	1437642	1437701	-	4	3	K.EFGPDCVLAVFAELNAAPK.A	24
PSTAT-2204	proteomics_stat	1437750	1437833	-	4	6	R.TKEPGAQAEPLYLDVMTALAEAFNNGER.E	32
PSTAT-2205	proteomics_stat	1438008	1438052	-	4	2	R.QYQPFYYGHPQAER.V	19
PSTAT-2206	proteomics_stat	1438053	1438133	-	4	6	R.EATNPWYNAVYDHVEQAMNDFSAATGR.Q	31
PSTAT-2207	proteomics_stat	1438173	1438202	-	4	3	R.ALNPEHPVIR.G	14
PSTAT-2208	proteomics_stat	1438419	1438478	-	4	2	R.TVATHALSIFGDHSDVMAVR.Q	24
PSTAT-2209	proteomics_stat	1438479	1438523	-	4	2	K.LAGELTPFVLHVAAR.T	19
PSTAT-2210	proteomics_stat	1439384	1439437	-	6	2	K.EGAQVDLTANQLTLATAK.Q	22
PSTAT-2211	proteomics_stat	1439438	1439497	-	6	2	R.MMCANPQLNELDNTISEMLK.E	24
PSTAT-2212	proteomics_stat	1439591	1439665	-	6	3	R.FVLESVNGKPVTSKDNPPPEISFGEK.M	29
PSTAT-2213	proteomics_stat	1439908	1439964	-	5	2	A.EALTSISQTTLQNLNLEK.G	23
PSTAT-2214	proteomics_stat	1439908	1440018	-	5	17	R.LSACHNVLFTGHQAFLTAEALTSISQTTLQNLNLEK.G	41
PSTAT-2215	proteomics_stat	1440076	1440114	-	5	4	K.IGSLGMDVYENER.D	17
PSTAT-2216	proteomics_stat	1440124	1440165	-	5	3	R.GALIDSQAAIEALK.N	18
PSTAT-2217	proteomics_stat	1440166	1440195	-	5	8	K.NGVMIVNTSR.G	14
PSTAT-2218	proteomics_stat	1440433	1440483	-	5	5	R.DANFSLEGLTGFTMYGK.T	21
PSTAT-2219	proteomics_stat	1440514	1440579	-	5	16	R.VPAYDPEAVAEHAIGMMMTLNR.R	26
PSTAT-2220	proteomics_stat	1440520	1440579	-	5	2	R.VPAYDPEAVAEHAIGMMMTL.N	24
PSTAT-2221	proteomics_stat	1440604	1440642	-	5	3	R.CAGFNVDLDAK.E	17
PSTAT-2222	proteomics_stat	1461954	1462001	-	4	20	A.TAMPSGWVVRQNLAR.S	20
PSTAT-2223	proteomics_stat	1480375	1480446	-	5	2	K.DGPTDLVTPYLSTFLGFIGITDVK.F	28
PSTAT-2224	proteomics_stat	1480567	1480629	-	5	3	K.AHDVIVIAAPMYNFNISTQLK.N	25
PSTAT-2225	proteomics_stat	1480630	1480677	-	5	4	R.QQEALALSDELIAELK.A	20
PSTAT-2226	proteomics_stat	1480762	1480788	-	5	9	K.HSADEITVR.D	13
PSTAT-2227	proteomics_stat	1492241	1492309	-	6	2	R.HATLVALPVPGHGAGEPIGILTR.V	27
PSTAT-2228	proteomics_stat	1520478	1520543	-	4	2	K.ATGATGDGTQPGDVVDYTVSTTR.F	26
PSTAT-2229	proteomics_stat	1522670	1522750	-	6	2	K.LPGAPFTSWLTLFLLSVLVLMAFDYP.N	31
PSTAT-2230	proteomics_stat	1531324	1531395	-	5	2	R.WQFDDDKLNTLHHLGAGTFVTSKG.R	28
PSTAT-2231	proteomics_stat	1531414	1531491	-	5	2	R.LLPATSAQEYDTLFGVEVVSAAADAR.V	30
PSTAT-2232	proteomics_stat	1533394	1533480	-	5	5	R.AAIINALHLTEDDILPGLPIQVATTGHSK.V	33
PSTAT-2233	proteomics_stat	1552020	1552079	-	4	3	K.TSAEALQQAIDDNFWQAEYR.D	24
PSTAT-2234	proteomics_stat	1552080	1552109	-	4	3	K.MAQQQGVAVK.T	14
PSTAT-2235	proteomics_stat	1552155	1552250	-	4	2	R.ITDEMLMSASETLAQYSPLVLNLEGMVLPELK.D	36

PSTAT-2236	proteomics_stat	1552251	1552337	-	4	5	K.DKIYPIAQCNNAFIFPGIGLVIASGASR.I	33
PSTAT-2237	proteomics_stat	1552338	1552427	-	4	6	R.VEATPQDIIAWTEGNALVATGSPFNPVVWK.D	34
PSTAT-2238	proteomics_stat	1552428	1552475	-	4	8	K.HCPRPIVMPLSNPTS.R.V	20
PSTAT-2239	proteomics_stat	1552557	1552616	-	4	5	R.ENLSDWDTSDVLSLLDVVR.N	24
PSTAT-2240	proteomics_stat	1552632	1552682	-	4	2	R.FGLLTDKMPNLLPFQTK.L	21
PSTAT-2241	proteomics_stat	1552833	1552916	-	4	4	R.YRNEICSFNDDIQGTAAVTVGLIAASR.A	32
PSTAT-2242	proteomics_stat	1552941	1552982	-	4	4	R.WPDVLLQFEDFAQK.N	18
PSTAT-2243	proteomics_stat	1552941	1552988	-	4	4	K.QRWPVLLQFEDFAQK.N	20
PSTAT-2244	proteomics_stat	1553169	1553222	-	4	4	R.ILGLGDQIGGGMIGK.L	22
PSTAT-2245	proteomics_stat	1553223	1553249	-	4	2	K.VIVVTDGER.I	13
PSTAT-2246	proteomics_stat	1553250	1553297	-	4	4	R.HNMDDILQVNPVHNHNIK.V	20
PSTAT-2247	proteomics_stat	1553460	1553489	-	4	3	K.TEIDKHIYLR.N	14
PSTAT-2248	proteomics_stat	1553517	1553579	-	4	12	R.NFNLLGLLPEVVETIEEQAER.A	25
PSTAT-2249	proteomics_stat	1553517	1553582	-	4	9	R.RNFNLLGLLPEVVETIEEQAER.A	26
PSTAT-2250	proteomics_stat	1553610	1553666	-	4	11	R.SLYIPYAGPVLLFPLLNK.G	23
PSTAT-2251	proteomics_stat	1559090	1559116	-	6	2	R.TRDYQQAQK.I	13
PSTAT-2252	proteomics_stat	1559117	1559149	-	6	2	R.NALATTDQTR.T	15
PSTAT-2253	proteomics_stat	1559903	1559950	-	6	3	R.GFLAQNTAGSGPFMLK.S	20
PSTAT-2254	proteomics_stat	1559975	1560058	-	6	6	K.FTSLQPFAPFLYTLANDGASIINPAVLK.E	32
PSTAT-2255	proteomics_stat	1560317	1560397	-	6	3	K.AADPQTLDPVAVTIDNNDWTVTYPYQYR.L	31
PSTAT-2256	proteomics_stat	1564070	1564102	-	6	2	R.KVSQAFYDNVR.S	15
PSTAT-2257	proteomics_stat	1566987	1567016	-	4	13	R.SPHYVMNDK.K	14
PSTAT-2258	proteomics_stat	1567047	1567097	-	4	7	K.ANTGVTLEPINSQNAPK.G	21
PSTAT-2259	proteomics_stat	1567047	1567103	-	4	6	K.GKANTGVTLEPINSQNAPK.G	23
PSTAT-2260	proteomics_stat	1567521	1567547	-	4	2	K.NLLPAFAK.M	13
PSTAT-2261	proteomics_stat	1568678	1568707	-	6	3	L.QGIAQQNSFK.H	14
PSTAT-2262	proteomics_stat	1568678	1568707	-	6	3	L.QGIAQQNSFK.H	14
PSTAT-2263	proteomics_stat	1568678	1568710	-	6	9	K.LQGIAQQNSFK.H	15
PSTAT-2264	proteomics_stat	1568678	1568710	-	6	9	K.LQGIAQQNSFK.H	15
PSTAT-2265	proteomics_stat	1568744	1568788	-	6	45	R.GFEMDFAELLEDYK.A	19
PSTAT-2266	proteomics_stat	1568744	1568788	-	6	45	R.GFEMDFAELLEDYK.A	19
PSTAT-2267	proteomics_stat	1568744	1568791	-	6	96	R.RGFEMDFAELLEDYK.A	20
PSTAT-2268	proteomics_stat	1568744	1568791	-	6	96	R.RGFEMDFAELLEDYK.A	20
PSTAT-2269	proteomics_stat	1568804	1568863	-	6	364	R.GWQVPAFTLGGEATDIVVMR.I	24
PSTAT-2270	proteomics_stat	1568804	1568863	-	6	364	R.GWQVPAFTLGGEATDIVVMR.I	24
PSTAT-2271	proteomics_stat	1568876	1568920	-	6	11	K.DGEDPGYTYDLSE.L	19
PSTAT-2272	proteomics_stat	1568876	1568920	-	6	11	K.DGEDPGYTYDLSE.L	19
PSTAT-2273	proteomics_stat	1568876	1568926	-	6	8	K.LKDGEDPGYTYDLSE.L	21
PSTAT-2274	proteomics_stat	1568876	1568926	-	6	8	K.LKDGEDPGYTYDLSE.L	21
PSTAT-2275	proteomics_stat	1568927	1568992	-	6	3	K.LGPYEFICTGRPDEGIPAVCFK.L	26
PSTAT-2276	proteomics_stat	1568927	1568992	-	6	3	K.LGPYEFICTGRPDEGIPAVCFK.L	26
PSTAT-2277	proteomics_stat	1568993	1569046	-	6	90	K.VQNASYQVAAYLADEIAK.L	22
PSTAT-2278	proteomics_stat	1568993	1569046	-	6	90	K.VQNASYQVAAYLADEIAK.L	22
PSTAT-2279	proteomics_stat	1569071	1569112	-	6	19	R.PAGQVIAQYEF.LR.L	18
PSTAT-2280	proteomics_stat	1569071	1569112	-	6	19	R.PAGQVIAQYEF.LR.L	18
PSTAT-2281	proteomics_stat	1569200	1569241	-	6	2	K.FGLAPLGCWVIWR.D	18



PSTAT-2282	proteomics_stat	1569200	1569241	-	6	2	K.FGLAPLGCWVIWR.D	18
PSTAT-2283	proteomics_stat	1569536	1569556	-	6	3	R.YWDVELR.E	11
PSTAT-2284	proteomics_stat	1569536	1569556	-	6	3	R.YWDVELR.E	11
PSTAT-2285	proteomics_stat	1569566	1569637	-	6	4	R.MEAAGKPTDKPNLVCGPVQICWHK.F	28
PSTAT-2286	proteomics_stat	1569566	1569637	-	6	4	R.MEAAGKPTDKPNLVCGPVQICWHK.F	28
PSTAT-2287	proteomics_stat	1569566	1569640	-	6	2	K.RMEAAGKPTDKPNLVCGPVQICWHK.F	29
PSTAT-2288	proteomics_stat	1569566	1569640	-	6	2	K.RMEAAGKPTDKPNLVCGPVQICWHK.F	29
PSTAT-2289	proteomics_stat	1569656	1569727	-	6	8	K.NGQAVGTNTIGSSEACMLGGMAMK.W	28
PSTAT-2290	proteomics_stat	1569656	1569727	-	6	8	K.NGQAVGTNTIGSSEACMLGGMAMK.W	28
PSTAT-2291	proteomics_stat	1569728	1569772	-	6	17	R.CVNMVADLWHAPAPK.N	19
PSTAT-2292	proteomics_stat	1569728	1569772	-	6	17	R.CVNMVADLWHAPAPK.N	19
PSTAT-2293	proteomics_stat	1569728	1569796	-	6	3	P.QSAAIDLRCVNMVADLWHAPAPK.N	27
PSTAT-2294	proteomics_stat	1569728	1569796	-	6	3	P.QSAAIDLRCVNMVADLWHAPAPK.N	27
PSTAT-2295	proteomics_stat	1569773	1569823	-	6	13	K.NWIDKEEYPQSAIDLR.C	21
PSTAT-2296	proteomics_stat	1569773	1569823	-	6	13	K.NWIDKEEYPQSAIDLR.C	21
PSTAT-2297	proteomics_stat	1569773	1569847	-	6	4	K.LMDLSINKNWIDKEEYPQSAIDLR.C	29
PSTAT-2298	proteomics_stat	1569773	1569847	-	6	4	K.LMDLSINKNWIDKEEYPQSAIDLR.C	29
PSTAT-2299	proteomics_stat	1569824	1569847	-	6	2	K.LMDLSINK.N	12
PSTAT-2300	proteomics_stat	1569824	1569847	-	6	2	K.LMDLSINK.N	12
PSTAT-2301	proteomics_stat	1569848	1569898	-	6	10	R.QNLATFCQTDENVHK.L	21
PSTAT-2302	proteomics_stat	1569848	1569898	-	6	10	R.QNLATFCQTDENVHK.L	21
PSTAT-2303	proteomics_stat	1569899	1569955	-	6	103	R.DDVAFAQIINDELYLDGNAR.Q	23
PSTAT-2304	proteomics_stat	1569899	1569955	-	6	103	R.DDVAFAQIINDELYLDGNAR.Q	23
PSTAT-2305	proteomics_stat	1569899	1569976	-	6	7	R.FPLHEMRDDVAFQIINDELYLDGNAR.Q	30
PSTAT-2306	proteomics_stat	1569899	1569976	-	6	7	R.FPLHEMRDDVAFQIINDELYLDGNAR.Q	30
PSTAT-2307	proteomics_stat	1569956	1569976	-	6	3	R.FPLHEMR.D	11
PSTAT-2308	proteomics_stat	1569956	1569976	-	6	3	R.FPLHEMR.D	11
PSTAT-2309	proteomics_stat	1569977	1570006	-	6	2	K.SISTIAESKR.F	14
PSTAT-2310	proteomics_stat	1569980	1570006	-	6	2	K.SISTIAESKR.R	13
PSTAT-2311	proteomics_stat	1571280	1571348	-	4	3	R.ITHSTINDNIWASLQNAQIQALK.T	27
PSTAT-2312	proteomics_stat	1572828	1572893	-	4	2	R.DVNAYTSYDETVYQVSLPTTQK.Q	26
PSTAT-2313	proteomics_stat	1573304	1573354	-	6	2	K.TAVDTTNTGVATYASGR.T	21
PSTAT-2314	proteomics_stat	1578977	1579012	-	6	2	K.DNLAAANPQVVK.E	16
PSTAT-2315	proteomics_stat	1579091	1579159	-	6	3	R.HQSDDYPHPNTEDLSQFSYTVR.N	27
PSTAT-2316	proteomics_stat	1579313	1579375	-	6	2	K.LISAMDFYPTALDAADISIPK.D	25
PSTAT-2317	proteomics_stat	1579745	1579795	-	6	2	K.GYISDQLTDEAIGVVD.R.A	21
PSTAT-2318	proteomics_stat	1580141	1580185	-	6	2	R.FTNGYVAHGVSGPSR.A	19
PSTAT-2319	proteomics_stat	1580318	1580383	-	6	2	K.GKPNIIVLTMDLGYQLPFDK.G	26
PSTAT-2320	proteomics_stat	1589985	1590053	-	4	2	R.GNITSDAVFNFFDNLDPSPV.R.D	27
PSTAT-2321	proteomics_stat	1596875	1596940	-	6	3	K.GKLWSQILADVSGPLVNIPVVK.E	26
PSTAT-2322	proteomics_stat	1597073	1597126	-	6	2	K.TWYHAAPSFINLSIDPK.C	22
PSTAT-2323	proteomics_stat	1597508	1597591	-	6	2	R.ADILSPVKETGTLGGVSSQAAELCGLK.A	32
PSTAT-2324	proteomics_stat	1597823	1597861	-	6	3	K.ELHNNTFENEVYR.A	17
PSTAT-2325	proteomics_stat	1598444	1598485	-	6	2	K.IHNELIGLPLSALK.T	18
PSTAT-2326	proteomics_stat	1611597	1611710	-	4	3	K.MAGAGNYPPTVLANVTPEMTAFREEMFGPVAITIAK.D	42
PSTAT-2327	proteomics_stat	1611753	1611779	-	4	2	R.DELHHQVEK.T	13

PSTAT-2328	proteomics_stat	1612125	1612196	-	4	2	K.DAGIPQGVYGWLNADNDGVSQMIK.D	28
PSTAT-2329	proteomics_stat	1612197	1612247	-	4	2	K.HAPNVMGCAQLIAQVFK.D	21
PSTAT-2330	proteomics_stat	1612599	1612724	-	4	2	M.TITPATHAISINPATGEQLSVLPWAGADDIENALQLAAAGFR.D	46
PSTAT-2331	proteomics_stat	1622222	1622269	-	6	2	K.SGEINNVIPAAVFDGR.E	20
PSTAT-2332	proteomics_stat	1623668	1623724	-	6	3	R.WHCLEENEAMQDVDDFELR.A	23
PSTAT-2333	proteomics_stat	1623725	1623772	-	6	13	K.GYEMSELLSAALLDMR.W	20
PSTAT-2334	proteomics_stat	1623800	1623844	-	6	9	R.HYQSGAAMPDELQQK.M	19
PSTAT-2335	proteomics_stat	1623854	1623919	-	6	3	R.DFVEFPSQINEHWATHPQVFAR.Y	26
PSTAT-2336	proteomics_stat	1623920	1623952	-	6	3	R.YATLSGTNTPR.D	15
PSTAT-2337	proteomics_stat	1624091	1624141	-	6	4	K.SGGAWMGNFVEQSTLNK.T	21
PSTAT-2338	proteomics_stat	1624370	1624429	-	6	2	K.QQGGFSAQPWDWAFYAEQVR.R	24
PSTAT-2339	proteomics_stat	1624430	1624471	-	6	2	R.ASEDELASIQAVIDK.Q	18
PSTAT-2340	proteomics_stat	1624550	1624597	-	6	6	R.AQQATLLGFPHYAAWK.I	20
PSTAT-2341	proteomics_stat	1624703	1624756	-	6	8	K.WLIPLLNTTQQPALAEMR.D	22
PSTAT-2342	proteomics_stat	1624778	1624861	-	6	25	K.SGGLVVNDIAQLAGMSEQEIALAAEAAR.E	32
PSTAT-2343	proteomics_stat	1624880	1624927	-	6	5	K.VLNTEAATLTSQFNQR.L	20
PSTAT-2344	proteomics_stat	1624979	1625002	-	6	3	R.LVEVIHQRF	12
PSTAT-2345	proteomics_stat	1625003	1625038	-	6	3	R.RESLGLDSESIR.L	16
PSTAT-2346	proteomics_stat	1625060	1625134	-	6	11	R.LDEQFSAELAEELANDIYLNELFAR.V	29
PSTAT-2347	proteomics_stat	1635648	1635677	-	4	3	K.MTGLESYDVK.I	14
PSTAT-2348	proteomics_stat	1635648	1635677	-	4	3	K.MTGLESYDVK.I	14
PSTAT-2349	proteomics_stat	1635648	1635683	-	4	5	R.EKMTGLESYDVK.I	16
PSTAT-2350	proteomics_stat	1635648	1635683	-	4	5	R.EKMTGLESYDVK.I	16
PSTAT-2351	proteomics_stat	1635744	1635785	-	4	11	K.TKAEADISEYITKK.I	18
PSTAT-2352	proteomics_stat	1635747	1635785	-	4	7	K.TKAEADISEYITK.K	17
PSTAT-2353	proteomics_stat	1643708	1643755	-	6	2	K.QTLLSDEDAELVEIVK.E	20
PSTAT-2354	proteomics_stat	1643708	1643755	-	6	2	K.QTLLSDEDAELVEIVK.E	20
PSTAT-2355	proteomics_stat	1643756	1643800	-	6	2	R.LMLEYIADNERLPFK.Q	19
PSTAT-2356	proteomics_stat	1643756	1643800	-	6	2	R.LMLEYIADNERLPFK.Q	19
PSTAT-2357	proteomics_stat	1664629	1664673	-	5	4	K.KLPAPLIGELPYLPR.A	19
PSTAT-2358	proteomics_stat	1664674	1664724	-	5	2	R.INPGLAHYAEIIDVLGK.K	21
PSTAT-2359	proteomics_stat	1665118	1665147	-	5	4	K.TVAGYKPPAK.G	14
PSTAT-2360	proteomics_stat	1673029	1673061	-	5	8	K.ENTHMLFGDAK.A	15
PSTAT-2361	proteomics_stat	1673029	1673109	-	5	5	R.SMNTGYAGVQNPLFFKENTHMLFGDAK.A	31
PSTAT-2362	proteomics_stat	1673062	1673106	-	5	2	S.MNTGYAGVQNPLFFK.E	19
PSTAT-2363	proteomics_stat	1673062	1673109	-	5	14	R.SMNTGYAGVQNPLFFK.E	20
PSTAT-2364	proteomics_stat	1673062	1673112	-	5	3	K.RSMNTGYAGVQNPLFFK.E	21
PSTAT-2365	proteomics_stat	1673110	1673136	-	5	6	K.AQNVIVFKR.S	13
PSTAT-2366	proteomics_stat	1673113	1673136	-	5	3	K.AQNVIVFKR	12
PSTAT-2367	proteomics_stat	1673137	1673175	-	5	4	K.SPIAGMPVLEVWK.A	17
PSTAT-2368	proteomics_stat	1673296	1673334	-	5	29	R.LPGHMNVLLAEAK.V	17
PSTAT-2369	proteomics_stat	1673335	1673361	-	5	8	R.FGIHPVAGR.L	13
PSTAT-2370	proteomics_stat	1673389	1673472	-	5	59	K.NSHSVIITPGYGMVAQAQYPVAEITEK.L	32
PSTAT-2371	proteomics_stat	1673473	1673508	-	5	10	R.EITAEETAELLK.N	16
PSTAT-2372	proteomics_stat	1673509	1673589	-	5	5	R.SFISVIAGGFGTDSSTGDDQEVGEHR.E	31
PSTAT-2373	proteomics_stat	1674776	1674841	-	6	10	R.AGEITWPAPPIQVSAQPQAAQK.A	26

PSTAT-2374	proteomics_stat	1674860	1674901	-	6	7	K.DGNITVDFDDVVIR.G	18
PSTAT-2375	proteomics_stat	1674860	1674907	-	6	34	K.EKDGnitVDFDDVVIR.G	20
PSTAT-2376	proteomics_stat	1674920	1674973	-	6	11	R.LPTQSSQLYGTNLVNLK.L	22
PSTAT-2377	proteomics_stat	1674920	1675003	-	6	27	K.VIGYTDLPGRPTQSSQLYGTNLVNLK.L	32
PSTAT-2378	proteomics_stat	1674974	1675003	-	6	3	K.VIGYTDLPGR.L	14
PSTAT-2379	proteomics_stat	1675004	1675039	-	6	2	V.PGEIFTTENGVK.V	16
PSTAT-2380	proteomics_stat	1675004	1675099	-	6	4	K.AGSVIDLAAQNGGNCEYTVPGEIFTTENGVK.V	36
PSTAT-2381	proteomics_stat	1675100	1675120	-	6	3	R.EMVDSMK.A	11
PSTAT-2382	proteomics_stat	1675133	1675186	-	6	40	K.EVDIIVTTALIPGKPAPK.L	22
PSTAT-2383	proteomics_stat	1675187	1675219	-	6	2	K.AEMELFAAQAK.E	15
PSTAT-2384	proteomics_stat	1675220	1675243	-	6	2	K.VMSDAFIK.A	12
PSTAT-2385	proteomics_stat	1675325	1675351	-	6	3	R.AFDTRPEVK.E	13
PSTAT-2386	proteomics_stat	1675352	1675426	-	6	232	K.VMVGAGVAGLAAIGAANSLGAIVR.A	29
PSTAT-2387	proteomics_stat	1675442	1675468	-	6	2	F.TGQITAAGK.V	13
PSTAT-2388	proteomics_stat	1675442	1675471	-	6	2	F.FTGQITAAGK.V	14
PSTAT-2389	proteomics_stat	1675442	1675474	-	6	6	R.FFTGQITAAGK.V	15
PSTAT-2390	proteomics_stat	1675475	1675501	-	6	4	I.VEAAHEFGR.F	13
PSTAT-2391	proteomics_stat	1675475	1675504	-	6	7	A.IVEAAHEFGR.F	14
PSTAT-2392	proteomics_stat	1675475	1675507	-	6	20	R.AIVEAAHEFGR.F	15
PSTAT-2393	proteomics_stat	1675508	1675558	-	6	7	R.AQSLDALSSMANIAGYR.A	21
PSTAT-2394	proteomics_stat	1675568	1675603	-	6	9	R.NVTVMAMDSVPR.I	16
PSTAT-2395	proteomics_stat	1675616	1675645	-	6	2	W.PAQNPPELMQK.L	14
PSTAT-2396	proteomics_stat	1675616	1675714	-	6	21	K.VNAPLDDEIALLNPGTTLVSVFIWPAQNPPELMQK.L	37
PSTAT-2397	proteomics_stat	1675715	1675783	-	6	31	K.AFVQAGAEIVEGNSVWQSEIILK.V	27
PSTAT-2398	proteomics_stat	1675784	1675843	-	6	205	K.LGFTVAVESGAGQLASFDDK.A	24
PSTAT-2399	proteomics_stat	1676558	1676614	-	6	3	T.AFTASPIALKRPVTTTRSK.G	23
PSTAT-2400	proteomics_stat	1683353	1683421	-	6	5	R.INQLLNESLMLVTALNTHIGYDK.A	27
PSTAT-2401	proteomics_stat	1683881	1683973	-	6	33	K.HIEYSLPHVAELALGGTAVGTGLNTHPEYAR.R	35
PSTAT-2402	proteomics_stat	1684247	1684273	-	6	2	R.ASELLGGVR.G	13
PSTAT-2403	proteomics_stat	1684406	1684441	-	6	2	K.VNEDLGLLSEEK.A	16
PSTAT-2404	proteomics_stat	1684457	1684495	-	6	8	K.MPTSLIHALALK.R	17
PSTAT-2405	proteomics_stat	1684529	1684597	-	6	3	R.SEKDSMGAIIDVPADKLWGAQTQR.S	27
PSTAT-2406	proteomics_stat	1684553	1684588	-	6	2	K.DSMGAIIDVPADK.L	16
PSTAT-2407	proteomics_stat	1684908	1684973	-	4	13	K.HGGFYLGSI GGPAAVLAQGSIK.S	26
PSTAT-2408	proteomics_stat	1684974	1685003	-	4	3	R.SQQVTDACKK.H	14
PSTAT-2409	proteomics_stat	1684977	1685003	-	4	2	R.SQQVTDACK.K	13
PSTAT-2410	proteomics_stat	1685073	1685123	-	4	3	K.TPEGYASGSLGPTTAGR.M	21
PSTAT-2411	proteomics_stat	1685256	1685321	-	4	2	R.VDLNRPMEILAQLSQYPVSTR.L	26
PSTAT-2412	proteomics_stat	1685256	1685321	-	4	2	R.VDLNRPMEILAQLSQYPVSTR.L	26
PSTAT-2413	proteomics_stat	1685526	1685597	-	4	3	R.DVELEKELLIEAQNGLGQAQFGGK.Y	28
PSTAT-2414	proteomics_stat	1685598	1685648	-	4	5	K.YDELPTEGNEHGQAFR.D	21
PSTAT-2415	proteomics_stat	1685598	1685648	-	4	5	K.YDELPTEGNEHGQAFR.D	21
PSTAT-2416	proteomics_stat	1685673	1685750	-	4	2	R.TLGTAAACPPYHIAFVIGGTAETNLK.T	30
PSTAT-2417	proteomics_stat	1685673	1685750	-	4	2	R.TLGTAAACPPYHIAFVIGGTAETNLK.T	30
PSTAT-2418	proteomics_stat	1685865	1685933	-	4	4	K.EVNTGTNLPAQIDLYAVDGDYEK.F	27
PSTAT-2419	proteomics_stat	1685865	1685933	-	4	4	K.EVNTGTNLPAQIDLYAVDGDYEK.F	27

PSTAT-2420	proteomics_stat	1685967	1686002	-	4	2	R.GVYNTYIEDNLR.Y	16
PSTAT-2421	proteomics_stat	1685967	1686002	-	4	2	R.GVYNTYIEDNLR.Y	16
PSTAT-2422	proteomics_stat	1686003	1686041	-	4	2	R.VWTGGGDEAALAR.G	17
PSTAT-2423	proteomics_stat	1686054	1686104	-	4	4	K.GVLPTCQDTGTAIIVGK.K	21
PSTAT-2424	proteomics_stat	1686054	1686104	-	4	4	K.GVLPTCQDTGTAIIVGK.K	21
PSTAT-2425	proteomics_stat	1686357	1686398	-	4	5	M.SNKPFIHQAPFPLK.K	18
PSTAT-2426	proteomics_stat	1694972	1695013	-	6	2	R.EIFSENGFHSASMK.A	18
PSTAT-2427	proteomics_stat	1695471	1695515	-	4	3	R.VNGIAPGAILTDALK.S	19
PSTAT-2428	proteomics_stat	1695525	1695551	-	4	5	R.NMAFDLGEK.N	13
PSTAT-2429	proteomics_stat	1695552	1695575	-	4	2	K.AAASHLVR.N	12
PSTAT-2430	proteomics_stat	1695576	1695608	-	4	4	K.NINMTSYASSK.A	15
PSTAT-2431	proteomics_stat	1695609	1695659	-	4	15	K.NGGGVILTITSMAAENK.N	21
PSTAT-2432	proteomics_stat	1695729	1695800	-	4	5	K.VDILVNNAGGGGPKPFDMPMADFR.R	28
PSTAT-2433	proteomics_stat	1695729	1695809	-	4	4	K.LGKVDILVNNAGGGGPKPFDMPMADFR.R	31
PSTAT-2434	proteomics_stat	1695810	1695866	-	4	22	R.CDITSEQELSALADFAISK.L	23
PSTAT-2435	proteomics_stat	1695990	1696028	-	4	2	K.CAITTGAGAGIGK.E	17
PSTAT-2436	proteomics_stat	1697570	1697602	-	6	12	K.LKANEPILLIQ.V	15
PSTAT-2437	proteomics_stat	1701586	1701645	-	5	2	M.LAAAESARYIVHSGRGSYVK.Y	24
PSTAT-2438	proteomics_stat	1702087	1702161	-	5	2	K.HLFNDPNIDLIVIPTPNDFHFLAK.A	29
PSTAT-2439	proteomics_stat	1704806	1704856	-	6	20	E.MQCVGHGSTHKLQPVQR.S	21
PSTAT-2440	proteomics_stat	1713137	1713214	-	6	4	K.LLQGATLQEALHVTAAVYEIMVTTK.A	30
PSTAT-2441	proteomics_stat	1713407	1713511	-	6	8	R.HGLPASDIIAPNLVEILELCEHAVNNVEEAVLAAR.E	39
PSTAT-2442	proteomics_stat	1713620	1713697	-	6	3	K.LHTCDAVLSGYLGSAEQGEHILGIVR.Q	30
PSTAT-2443	proteomics_stat	1713833	1713904	-	6	7	K.NILAIQSHVVYGHAGNSAAEFPMR.R	28
PSTAT-2444	proteomics_stat	1714077	1714115	-	4	3	K.TIASNAITINGEK.Q	17
PSTAT-2445	proteomics_stat	1714077	1714118	-	4	14	R.KTIASNAITINGEK.Q	18
PSTAT-2446	proteomics_stat	1714131	1714181	-	4	4	K.GADLMQALVDSSELQPSR.G	21
PSTAT-2447	proteomics_stat	1714182	1714280	-	4	8	R.ITECLFSGSLSALSEADFEQLAQDGVPMVEMEK.G	37
PSTAT-2448	proteomics_stat	1714284	1714313	-	4	3	V.HGEEGLQAAK.R	14
PSTAT-2449	proteomics_stat	1714284	1714319	-	4	15	R.LVHGEEGLQAAK.R	16
PSTAT-2450	proteomics_stat	1714284	1714322	-	4	3	T.RLVHGEEGLQAAK.R	17
PSTAT-2451	proteomics_stat	1714320	1714352	-	4	5	R.AQYVLAEQVTR.L	15
PSTAT-2452	proteomics_stat	1714362	1714427	-	4	2	K.FFTFMSIEEINALFEEEDKNSGK.A	26
PSTAT-2453	proteomics_stat	1714437	1714481	-	4	6	K.FYQFWINTADADVYR.F	19
PSTAT-2454	proteomics_stat	1714557	1714604	-	4	24	R.LHQNQVFGLTVPLITK.A	20
PSTAT-2455	proteomics_stat	1714557	1714607	-	4	11	R.RLHQNQVFGLTVPLITK.A	21
PSTAT-2456	proteomics_stat	1714932	1714976	-	4	4	K.LNTEETVQEWVDKIR.K	19
PSTAT-2457	proteomics_stat	1714932	1714979	-	4	15	R.KLNTEETVQEWVDKIR.K	20
PSTAT-2458	proteomics_stat	1714938	1714976	-	4	3	K.LNTEETVQEWVDK.I	17
PSTAT-2459	proteomics_stat	1714938	1714979	-	4	7	R.KLNTEETVQEWVDK.I	18
PSTAT-2460	proteomics_stat	1714992	1715066	-	4	32	R.FQQAGHKPVALVGGATGLIGDPSFK.A	29
PSTAT-2461	proteomics_stat	1714992	1715069	-	4	7	K.RFQQAGHKPVALVGGATGLIGDPSFK.A	30
PSTAT-2462	proteomics_stat	1715163	1715207	-	4	11	R.GLVAQVTDEEALAER.L	19
PSTAT-2463	proteomics_stat	1715441	1715485	-	6	3	R.VSLEQIEFWQGGEHR.L	19
PSTAT-2464	proteomics_stat	1715486	1715533	-	6	4	K.FQQGEVPLPSFWGGFR.V	20
PSTAT-2465	proteomics_stat	1715702	1715737	-	6	3	R.VSLLFPWHTLER.Q	16

PSTAT-2466	proteomics_stat	1715831	1715893	-	6	2	K.LADPTAMVVATVDEHGQPYQR.I	25
PSTAT-2467	proteomics_stat	1715990	1716028	-	6	3	M.SDNDELQQIAHLR.R	17
PSTAT-2468	proteomics_stat	1716757	1716816	-	5	2	L.AELTAVTISEQVLLSGGCER.L	24
PSTAT-2469	proteomics_stat	1716910	1716972	-	5	4	K.VILPLLQNMLSDPYFSQPAPK.S	25
PSTAT-2470	proteomics_stat	1717141	1717218	-	5	7	R.DIALGGQGAPLVPAFHHALLAHPTE.R	30
PSTAT-2471	proteomics_stat	1718417	1718452	-	6	3	K.LEHNIIEIQAKG.-	16
PSTAT-2472	proteomics_stat	1718420	1718452	-	6	8	K.LEHNIIEIQAK.G	15
PSTAT-2473	proteomics_stat	1718453	1718515	-	6	29	R.AEILHGISAEELEQLITLIAK.L	25
PSTAT-2474	proteomics_stat	1718522	1718563	-	6	3	K.AEPLISEMEAVINK.T	18
PSTAT-2475	proteomics_stat	1718654	1718686	-	6	2	K.AIGIEQPSLVR.T	15
PSTAT-2476	proteomics_stat	1718687	1718779	-	6	4	R.LKPLELTQTHWVTLHNIHQLPDQSQIQLAK.A	35
PSTAT-2477	proteomics_stat	1722182	1722253	-	6	10	K.ALMVHVGGDNMSDQPKPLGGGGER.Y	28
PSTAT-2478	proteomics_stat	1722254	1722277	-	6	4	K.SLDEIKDK.A	12
PSTAT-2479	proteomics_stat	1722254	1722283	-	6	2	R.LKSLDEIKDK.A	14
PSTAT-2480	proteomics_stat	1722284	1722310	-	6	3	K.ATDAVIAPR.L	13
PSTAT-2481	proteomics_stat	1722311	1722379	-	6	4	K.HEGPEGAGHLGDLPALVVNNDGK.A	27
PSTAT-2482	proteomics_stat	1722380	1722433	-	6	3	K.ASAAESAGGHLDPQNTGK.H	22
PSTAT-2483	proteomics_stat	1723048	1723134	-	5	2	F.TLATNQVEISPVHQPLLLDGTLDQLQQLR.V	33
PSTAT-2484	proteomics_stat	1723048	1723143	-	5	5	R.LPFTLATNQVEISPVHQPLLLDGTLDQLQQLR.V	36
PSTAT-2485	proteomics_stat	1723144	1723197	-	5	12	R.HFGVSNFTPAQFALLQSR.L	22
PSTAT-2486	proteomics_stat	1723333	1723383	-	5	7	R.EENVIGHYITDRDHIK.S	21
PSTAT-2487	proteomics_stat	1723348	1723383	-	5	2	R.EENVIGHYITDR.D	16
PSTAT-2488	proteomics_stat	1731781	1731807	-	5	2	K.YKSEEPDAE.-	13
PSTAT-2489	proteomics_stat	1731949	1731987	-	5	8	R.FAYVDILQNPDIR.A	17
PSTAT-2490	proteomics_stat	1731988	1732047	-	5	4	K.LPSCGFSAQAVQALAACGER.F	24
PSTAT-2491	proteomics_stat	1732060	1732095	-	5	5	R.QIAENPILLYMK.G	16
PSTAT-2492	proteomics_stat	1740676	1740729	-	5	5	R.VNIEIDPQTQAVVDTVER.V	22
PSTAT-2493	proteomics_stat	1740763	1740798	-	5	9	R.FCVHLIPETLER.T	16
PSTAT-2494	proteomics_stat	1740799	1740855	-	5	2	K.GFIGIDIGISLTVGEVTPTR.F	23
PSTAT-2495	proteomics_stat	1740934	1740999	-	5	11	K.FSDEIGGHLMSGHIMTTAEVAK.I	26
PSTAT-2496	proteomics_stat	1741201	1741233	-	5	3	K.LVSIDEKPNFR.T	15
PSTAT-2497	proteomics_stat	1741234	1741266	-	5	4	S.MFTGIVQGTAK.L	15
PSTAT-2498	proteomics_stat	1743507	1743596	-	4	3	K.ASDTLLAGGTMNNLGGEDSDTIVENGSIYR.L	34
PSTAT-2499	proteomics_stat	1750838	1750915	-	6	2	R.CMTQMNIPRVKEFGVPSTGGNTCVAN.F	30
PSTAT-2500	proteomics_stat	1753130	1753153	-	6	3	R.TKEDELYR.E	12
PSTAT-2501	proteomics_stat	1755757	1755864	-	5	8	R.AGYPVSVSSGATPAASNAPSVESAQNGEPEQGNMLR.V	40
PSTAT-2502	proteomics_stat	1755757	1755867	-	5	3	R.RAGYPVSVSSGATPAASNAPSVESAQNGEPEQGNMLR.V	41
PSTAT-2503	proteomics_stat	1755907	1756008	-	5	3	R.YVEVHRPLSAEEQQNVQTMPYTLPAAGFTQFKDNK.A	38
PSTAT-2504	proteomics_stat	1755916	1756008	-	5	15	R.YVEVHRPLSAEEQQNVQTMPYTLPAAGFTQFK.D	35
PSTAT-2505	proteomics_stat	1756009	1756056	-	5	4	K.VINIEPVKYSVEPNGMR.Y	20
PSTAT-2506	proteomics_stat	1756138	1756203	-	5	24	R.LAHGNGEYLIHGTSAPDSVGLR.V	26
PSTAT-2507	proteomics_stat	1756216	1756269	-	5	3	R.GIKLPPVVPAAGPNNPLGR.Y	22
PSTAT-2508	proteomics_stat	1756288	1756326	-	5	5	K.IPNPTWTPTAGIR.Q	17
PSTAT-2509	proteomics_stat	1756339	1756431	-	5	9	R.LYYPGENIVQVYPIGIGLQGLETPVMETR.V	35
PSTAT-2510	proteomics_stat	1756465	1756518	-	5	4	K.PGTTITIPSQLLLPDAPR.Q	22
PSTAT-2511	proteomics_stat	1756465	1756581	-	5	10	R.RFDTAAMLILEANNTIAPVVKPGTTITIPSQLLLPDAPR.Q	43

PSTAT-2512	proteomics_stat	1756582	1756647	-	5	11	R.LVGQNQTYTVQEGDKNLQAIAR.R	26
PSTAT-2513	proteomics_stat	1756582	1756650	-	5	2	S.RLVGQNQTYTVQEGDKNLQAIAR.R	27
PSTAT-2514	proteomics_stat	1756603	1756647	-	5	2	R.LVGQNQTYTVQEGDK.N	19
PSTAT-2515	proteomics_stat	1757369	1757410	-	6	2	R.ASLAMYNTHEEVDR.L	18
PSTAT-2516	proteomics_stat	1757960	1758049	-	6	3	R.LLAITHVSNVLGTENPLAEMITLAHQHGAK.V	34
PSTAT-2517	proteomics_stat	1758056	1758121	-	6	2	R.VIPLNPDGTLQLETLPTLFDEK.T	26
PSTAT-2518	proteomics_stat	1758140	1758214	-	6	5	R.AGDNIISQMEHHANIVPWQMLCAR.V	29
PSTAT-2519	proteomics_stat	1758344	1758379	-	6	8	R.GIHLSAQATEK.M	16
PSTAT-2520	proteomics_stat	1758799	1758840	-	5	2	K.TDGQMTNNLLMGK.L	18
PSTAT-2521	proteomics_stat	1758841	1758885	-	5	3	R.AVFNGLINVAQHAIK.T	19
PSTAT-2522	proteomics_stat	1759009	1759053	-	5	4	R.HNTSTQLNGENSTLR.I	19
PSTAT-2523	proteomics_stat	1759474	1759539	-	5	2	R.YVPALSDATEGSGYEVSINDDR.Q	26
PSTAT-2524	proteomics_stat	1759594	1759665	-	5	7	K.YTPLEGLINSQFVSIAGEISPQQR.D	28
PSTAT-2525	proteomics_stat	1759702	1759740	-	5	7	R.SPQAQQHLQQLLR.T	17
PSTAT-2526	proteomics_stat	1759744	1759812	-	5	2	M.AGLPNSSNALQQWHHLFEAEGTK.R	27
PSTAT-2527	proteomics_stat	1759868	1759918	-	6	6	R.ILDYIKPDYVHVLYQGR.I	21
PSTAT-2528	proteomics_stat	1759919	1759948	-	6	2	R.SFIIVTHYQR.I	14
PSTAT-2529	proteomics_stat	1759991	1760083	-	6	3	K.KRNDILQMAVLEPELCILDESDESGLDIDALK.V	35
PSTAT-2530	proteomics_stat	1760081	1760116	-	6	2	R.SVNVGFSGGKK.R	16
PSTAT-2531	proteomics_stat	1760312	1760347	-	6	3	K.GKDLLALSPEDR.A	16
PSTAT-2532	proteomics_stat	1760417	1760482	-	6	5	R.GLSLDVHPGEVHAIMGPNNGSGK.S	26
PSTAT-2533	proteomics_stat	1760495	1760521	-	6	3	K.DLHVSVEDK.A	13
PSTAT-2534	proteomics_stat	1760582	1760629	-	6	4	K.DVFSLEPLFAVEAQK.L	20
PSTAT-2535	proteomics_stat	1760717	1760758	-	6	7	R.NNSAQLEHEATTSR.I	18
PSTAT-2536	proteomics_stat	1761050	1761094	-	6	2	K.MSWTQSETGSAITWK.Y	19
PSTAT-2537	proteomics_stat	1762123	1762182	-	5	6	K.LFVPLQAMPFIDGTEVDFVR.E	24
PSTAT-2538	proteomics_stat	1762324	1762410	-	5	3	S.MDMHSGTFNPQDFAWQGLTLTPAAAIHIR.E	33
PSTAT-2539	proteomics_stat	1763291	1763326	-	6	8	R.HQVWQIEIFDEK.G	16
PSTAT-2540	proteomics_stat	1763384	1763419	-	6	3	K.VVGLEINANHVR.S	16
PSTAT-2541	proteomics_stat	1763522	1763575	-	6	3	R.FEHIGDDTLEATMPVDSR.T	22
PSTAT-2542	proteomics_stat	1763656	1763688	-	5	14	R.HPVQALLEIIK.-	15
PSTAT-2543	proteomics_stat	1763767	1763823	-	5	2	K.NHENSLGIYELSWHQAMQR.L	23
PSTAT-2544	proteomics_stat	1764223	1764267	-	5	4	K.LGFQPVLPLFSPNGK.A	19
PSTAT-2545	proteomics_stat	1764280	1764348	-	5	6	R.TVLVVQDPFTSYDAQVVADFVR.L	27
PSTAT-2546	proteomics_stat	1764355	1764405	-	5	3	R.SANMTLEQLESLNAEQK.A	21
PSTAT-2547	proteomics_stat	1764406	1764474	-	5	8	K.HIGMVDLPLLSVPSLQQQMVGHR.S	27
PSTAT-2548	proteomics_stat	1764490	1764525	-	5	2	K.TFNFFINQPLVR.K	16
PSTAT-2549	proteomics_stat	1764535	1764582	-	5	4	R.DHLVATVESYAPLMAR.A	20
PSTAT-2550	proteomics_stat	1764601	1764624	-	5	3	R.FLQLYHTR.Y	12
PSTAT-2551	proteomics_stat	1764709	1764759	-	5	3	R.NSWHANKGEYDFSHEVK.E	21
PSTAT-2552	proteomics_stat	1764781	1764837	-	5	4	R.GVDPLKLEQELPESGVSLR.T	23
PSTAT-2553	proteomics_stat	1765141	1765194	-	5	6	R.AEYSPAFFGEELFAELRK.V	22
PSTAT-2554	proteomics_stat	1765144	1765194	-	5	38	R.AEYSPAFFGEELFAELR.K	21
PSTAT-2555	proteomics_stat	1765204	1765236	-	5	2	K.YGGLLWGEHGK.G	15
PSTAT-2556	proteomics_stat	1765390	1765470	-	5	10	K.GAAKPIPAEDTCVPEHLADYIAEFR.A	31
PSTAT-2557	proteomics_stat	1765753	1765782	-	5	2	R.ALSVETVDSK.V	14

PSTAT-2558	proteomics_stat	1765885	1765932	-	5	2	R.ILTGSEGLAFITEAR.L	20
PSTAT-2559	proteomics_stat	1765933	1765974	-	5	5	R.HVFNDEMTEFDLTR.I	18
PSTAT-2560	proteomics_stat	1766050	1766073	-	5	2	R.IYNTVYQR.C	12
PSTAT-2561	proteomics_stat	1766095	1766166	-	5	6	R.AVLLGGDILDTPQLPVELAETLGK.S	28
PSTAT-2562	proteomics_stat	1766167	1766193	-	5	4	K.TSDHVLGVR.A	13
PSTAT-2563	proteomics_stat	1766257	1766325	-	5	4	K.DQLNQYLKPFGYFFAPELSTSNR.A	27
PSTAT-2564	proteomics_stat	1766257	1766346	-	5	6	R.VEAGVIKDQLNQYLKPFGYFFAPELSTSNR.A	34
PSTAT-2565	proteomics_stat	1766395	1766457	-	5	2	R.GGGTGTNGQALNQGIIVDMSR.H	25
PSTAT-2566	proteomics_stat	1766503	1766532	-	5	2	R.STADVALIAR.L	14
PSTAT-2567	proteomics_stat	1766533	1766595	-	5	2	R.LTMSTDNSIYQLLPDAVVFP.R.S	25
PSTAT-2568	proteomics_stat	1782920	1782943	-	6	2	K.ALLSMAIR.A	12
PSTAT-2569	proteomics_stat	1782944	1782994	-	6	3	R.DSGVVSELFDERNDVAVK.A	21
PSTAT-2570	proteomics_stat	1783148	1783171	-	6	2	K.AVVEELAR.Q	12
PSTAT-2571	proteomics_stat	1783190	1783237	-	6	13	R.NDMGLTNVEIMIPFVR.T	20
PSTAT-2572	proteomics_stat	1783190	1783243	-	6	4	R.VRNDMGLTNVEIMIPFVR.T	22
PSTAT-2573	proteomics_stat	1783313	1783351	-	6	2	R.YEPDEENPMLGFR.G	17
PSTAT-2574	proteomics_stat	1783313	1783387	-	6	2	K.SNEYANLVGGERYEPDEENPMLGFR.G	29
PSTAT-2575	proteomics_stat	1783352	1783387	-	6	2	K.SNEYANLVGGER.Y	16
PSTAT-2576	proteomics_stat	1783418	1783462	-	6	6	R.LTEGIATLGAAFYPK.R	19
PSTAT-2577	proteomics_stat	1783511	1783561	-	6	3	R.ALLEFDDQEPQLQNEIR.E	21
PSTAT-2578	proteomics_stat	1783583	1783603	-	6	2	R.LEFIINR.M	11
PSTAT-2579	proteomics_stat	1783604	1783651	-	6	6	R.AFDFACLPNEGVLAR.L	20
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PSTAT-2581	proteomics_stat	1783682	1783720	-	6	2	K.SSSVETMPDLPLK.V	17
PSTAT-2582	proteomics_stat	1783808	1783855	-	6	4	R.ELGIPAVVGCGDATER.M	20
PSTAT-2583	proteomics_stat	1783892	1783915	-	6	3	K.ASAIVTNR.G	12
PSTAT-2584	proteomics_stat	1783919	1783981	-	6	5	R.IEPGDVLVTDMDPDWEPIMK.K	25
PSTAT-2585	proteomics_stat	1783982	1784011	-	6	18	K.VIHDISEMNR.I	14
PSTAT-2586	proteomics_stat	1784114	1784146	-	6	2	L.FIVQARPETVR.S	15
PSTAT-2587	proteomics_stat	1784114	1784149	-	6	3	K.LFIVQARPETVR.S	16
PSTAT-2588	proteomics_stat	1784168	1784203	-	6	5	K.HYGRPMDIEWAK.D	16
PSTAT-2589	proteomics_stat	1784225	1784269	-	6	6	R.DIFSLTNEEVQELAK.Q	19
PSTAT-2590	proteomics_stat	1784270	1784296	-	6	2	K.IEDVPQEQR.D	13
PSTAT-2591	proteomics_stat	1784306	1784335	-	6	4	M.VYAPTQEHGK.Q	14
PSTAT-2592	proteomics_stat	1784306	1784338	-	6	6	R.MVYAPTQEHGK.Q	15
PSTAT-2593	proteomics_stat	1784555	1784584	-	6	2	R.GVALSAGVQR.M	14
PSTAT-2594	proteomics_stat	1784624	1784653	-	6	9	K.HVFASLFNDR.A	14
PSTAT-2595	proteomics_stat	1784756	1784809	-	6	10	R.EAYAQLSADDENASFAVR.S	22
PSTAT-2596	proteomics_stat	1784810	1784860	-	6	8	R.QWIIDTPFPQPELENAIR.E	21
PSTAT-2597	proteomics_stat	1784879	1784932	-	6	5	R.IYELLDKTDIDDVTQLAK.A	22
PSTAT-2598	proteomics_stat	1785068	1785133	-	6	3	M.SNNGSSPLVLWYNQLGMNDVDR.V	26
PSTAT-2599	proteomics_stat	1788039	1788071	-	4	2	R.LQQDEVSDSER.Q	15
PSTAT-2600	proteomics_stat	1788285	1788380	-	4	3	R.LAQTLSPFVAVDALNEALDSYQQVLLTHYGER.M	36
PSTAT-2601	proteomics_stat	1789182	1789244	-	4	2	R.WRDELPEYTTALSPTPLNNAR.L	25
PSTAT-2602	proteomics_stat	1791687	1791728	-	4	4	R.APLYPDDILWNFEK.F	18
PSTAT-2603	proteomics_stat	1791687	1791734	-	4	5	K.GRAPLYPDDILWNFEK.F	20

PSTAT-2604	proteomics_stat	1791747	1791803	-	4	3	K.LIAAAPTAVAPEESGFYAR.M	23
PSTAT-2605	proteomics_stat	1791981	1792025	-	4	3	K.CGLTPQYEQLENIQK.A	19
PSTAT-2606	proteomics_stat	1792068	1792100	-	4	6	K.DIDGEVTTLEK.F	15
PSTAT-2607	proteomics_stat	1793280	1793306	-	4	2	R.VENASPKDE.-	13
PSTAT-2608	proteomics_stat	1793280	1793312	-	4	15	K.SRVENASPKDE.-	15
PSTAT-2609	proteomics_stat	1793349	1793378	-	4	7	K.TGEDIPITAR.R	14
PSTAT-2610	proteomics_stat	1793412	1793438	-	4	2	L.SGFGNFDLR.D	13
PSTAT-2611	proteomics_stat	1793412	1793441	-	4	3	K.LSGFGNFDLR.D	14
PSTAT-2612	proteomics_stat	1793442	1793468	-	4	4	R.ALENGEQVK.L	13
PSTAT-2613	proteomics_stat	1793442	1793471	-	4	10	R.RALENGEQVK.L	14
PSTAT-2614	proteomics_stat	1793469	1793504	-	4	6	K.ELVELFFEEIRR.A	16
PSTAT-2615	proteomics_stat	1793472	1793504	-	4	17	K.ELVELFFEEIR.R	15
PSTAT-2616	proteomics_stat	1793514	1793561	-	4	3	K.AEMSEYLFDKLGLSKR.D	20
PSTAT-2617	proteomics_stat	1793517	1793561	-	4	4	K.AEMSEYLFDKLGLSK.R	19
PSTAT-2618	proteomics_stat	1793532	1793561	-	4	5	K.AEMSEYLFDK.L	14
PSTAT-2619	proteomics_stat	1793629	1793667	-	5	5	R.TLEEEEAATVAK.C	17
PSTAT-2620	proteomics_stat	1793734	1793781	-	5	12	K.VGVNQVGVNLFDVYR.G	20
PSTAT-2621	proteomics_stat	1793734	1793784	-	5	8	K.KVGVNQVGVNLFDVYR.G	21
PSTAT-2622	proteomics_stat	1793782	1793844	-	5	2	R.DIAVVVAENVPAADILSECK.V	25
PSTAT-2623	proteomics_stat	1793785	1793844	-	5	7	R.DIAVVVAENVPAADILSECK.K	24
PSTAT-2624	proteomics_stat	1793956	1793994	-	5	6	R.IGFVGVVHPELER.K	17
PSTAT-2625	proteomics_stat	1793995	1794057	-	5	4	R.AEANPALHPGQSAAIYKGER.I	25
PSTAT-2626	proteomics_stat	1794004	1794057	-	5	5	R.AEANPALHPGQSAAIYK.G	22
PSTAT-2627	proteomics_stat	1794058	1794141	-	5	3	K.ETVDFYDLKGDLESVLDLTGKLNEVEFR.A	32
PSTAT-2628	proteomics_stat	1794079	1794141	-	5	6	K.ETVDFYDLKGDLESVLDLTGK.L	25
PSTAT-2629	proteomics_stat	1794142	1794168	-	5	2	R.YEEHWNLAK.E	13
PSTAT-2630	proteomics_stat	1794208	1794243	-	5	2	R.FVPDTQAPLGIR.Q	16
PSTAT-2631	proteomics_stat	1794334	1794411	-	5	4	K.VQQMIHPGVEALLPSPISVEMSAMR.L	30
PSTAT-2632	proteomics_stat	1794412	1794453	-	5	7	K.GYQEVITYSFVDPK.V	18
PSTAT-2633	proteomics_stat	1794412	1794471	-	5	8	K.TLLNDKGYQEVITYSFVDPK.V	24
PSTAT-2634	proteomics_stat	1794478	1794501	-	5	2	R.EADLSLKR.V	12
PSTAT-2635	proteomics_stat	1794502	1794546	-	5	10	I.PDEPVQASLIMGTHR.E	19
PSTAT-2636	proteomics_stat	1794502	1794567	-	5	9	R.VYGYNNIPDEPVQASLIMGTHR.E	26
PSTAT-2637	proteomics_stat	1794568	1794612	-	5	14	R.FDMEIEEDLVEEVAR.V	19
PSTAT-2638	proteomics_stat	1794613	1794672	-	5	3	R.LGCEVTEGKDEWQAVAPSWR.F	24
PSTAT-2639	proteomics_stat	1794676	1794723	-	5	28	R.LIGHHIADEQVTDILR.R	20
PSTAT-2640	proteomics_stat	1794676	1794726	-	5	4	D.RLIGHHIADEQVTDILR.R	21
PSTAT-2641	proteomics_stat	1794760	1794834	-	5	4	R.LLIDICGGEAGPVIDITNEATLPKR.A	29
PSTAT-2642	proteomics_stat	1794763	1794834	-	5	4	R.LLIDICGGEAGPVIDITNEATLPK.R	28
PSTAT-2643	proteomics_stat	1794931	1795041	-	5	6	K.ALAMGGIFGGEHSGVNDQNVLLLECAFFSPLSITGR.A	41
PSTAT-2644	proteomics_stat	1795042	1795080	-	5	12	K.LNADTLVIADHNK.A	17
PSTAT-2645	proteomics_stat	1795081	1795122	-	5	5	K.EGETLVLLDGTAK.L	18
PSTAT-2646	proteomics_stat	1795438	1795470	-	5	2	R.ADCLGIIGVAR.D	15
PSTAT-2647	proteomics_stat	1795471	1795512	-	5	8	K.LDDNTIEISVTPNR.A	18
PSTAT-2648	proteomics_stat	1795657	1795701	-	5	3	R.VAVATIGAVLPGDFK.I	19
PSTAT-2649	proteomics_stat	1796064	1796123	-	4	3	R.NVGIDPEVYSGFAFGMGMER.L	24



PSTAT-2650	proteomics_stat	1796124	1796171	-	4	6	K.WLEVLGCGMVHPNVLR.N	20
PSTAT-2651	proteomics_stat	1796181	1796240	-	4	10	R.FRPSYFPFTEPSAEVDVMGK.N	24
PSTAT-2652	proteomics_stat	1796241	1796270	-	4	2	R.NFFEEDLQIR.F	14
PSTAT-2653	proteomics_stat	1796271	1796294	-	4	3	K.GTLHDFLR.N	12
PSTAT-2654	proteomics_stat	1796439	1796465	-	4	3	R.TQTSGVQIR.T	13
PSTAT-2655	proteomics_stat	1796475	1796510	-	4	4	R.ADHDTFWFDTR.L	16
PSTAT-2656	proteomics_stat	1796628	1796708	-	4	2	R.LAAETIDVSLPGRRIENGGLHPVTRTI.D	31
PSTAT-2657	proteomics_stat	1796634	1796666	-	4	9	R.IENGGLHPVTR.T	15
PSTAT-2658	proteomics_stat	1796634	1796669	-	4	6	R.RIENGGLHPVTR.T	16
PSTAT-2659	proteomics_stat	1796670	1796708	-	4	2	R.LAAETIDVSLPGR.R	17
PSTAT-2660	proteomics_stat	1796709	1796744	-	4	18	R.KAELESAALNAR.L	16
PSTAT-2661	proteomics_stat	1796775	1796828	-	4	3	R.ELPPEERPAAGAVINEAK.E	22
PSTAT-2662	proteomics_stat	1796883	1796930	-	4	9	K.AAISQASDVAALDNVR.V	20
PSTAT-2663	proteomics_stat	1796931	1796963	-	4	13	M.SHLAELVASAK.A	15
PSTAT-2664	proteomics_stat	1797438	1797461	-	4	2	V.AFTALVEK.A	12
PSTAT-2665	proteomics_stat	1797438	1797464	-	4	5	K.VAFTALVEK.A	13
PSTAT-2666	proteomics_stat	1797438	1797494	-	4	31	K.ILADIAVFDKVAFTALVEK.A	23
PSTAT-2667	proteomics_stat	1797465	1797488	-	4	3	L.ADIAVFDK.V	12
PSTAT-2668	proteomics_stat	1797465	1797491	-	4	4	I.LADIAVFDK.V	13
PSTAT-2669	proteomics_stat	1797465	1797494	-	4	5	K.ILADIAVFDK.V	14
PSTAT-2670	proteomics_stat	1797465	1797497	-	4	8	R.KILADIAVFDK.V	15
PSTAT-2671	proteomics_stat	1797495	1797518	-	4	7	K.ASVEIDRK.I	12
PSTAT-2672	proteomics_stat	1797495	1797521	-	4	4	K.KASVEIDRK.I	13
PSTAT-2673	proteomics_stat	1797498	1797521	-	4	10	K.KASVEIDR.K	12
PSTAT-2674	proteomics_stat	1797630	1797650	-	4	3	K.AGQYAYR.D	11
PSTAT-2675	proteomics_stat	1797651	1797674	-	4	2	R.VAFQAVIK.A	12
PSTAT-2676	proteomics_stat	1797829	1797867	-	5	3	K.GDLGLVIACLPIA.-	17
PSTAT-2677	proteomics_stat	1798159	1798221	-	5	30	R.VKDDLQELAVVESFPTKIEGR.Q	25
PSTAT-2678	proteomics_stat	1798171	1798221	-	5	25	R.VKDDLQELAVVESFPTK.I	21
PSTAT-2679	proteomics_stat	1798222	1798263	-	5	11	R.EMAHQQIGMEVLNR.V	18
PSTAT-2680	proteomics_stat	1798288	1798314	-	5	5	R.FLEEGDKAK.I	13
PSTAT-2681	proteomics_stat	1798333	1798371	-	5	20	K.FRPGTDEGDYQVK.L	17
PSTAT-2682	proteomics_stat	1798465	1798527	-	5	5	K.AEEAGVDLVEISPNAEPPVCR.I	25
PSTAT-2683	proteomics_stat	1798465	1798542	-	5	2	R.EALEKAAEEAGVDLVEISPNAEPPVCR.I	30
PSTAT-2684	proteomics_stat	1798543	1798587	-	5	16	R.LTGLEGEQLGIVSLR.E	19
PSTAT-2685	proteomics_stat	1798714	1798752	-	5	10	K.DLGSMDEVNEVIEK.L	17
PSTAT-2686	proteomics_stat	1798714	1798758	-	5	6	R.GKDLGSMDEVNEVIEK.L	19
PSTAT-2687	proteomics_stat	1798780	1798818	-	5	7	Y.MLVCGDKEVESGK.V	17
PSTAT-2688	proteomics_stat	1798780	1798830	-	5	6	R.RVPYMLVCGDKEVESGK.V	21
PSTAT-2689	proteomics_stat	1799083	1799118	-	5	5	R.LSASYVGEDNER.K	16
PSTAT-2690	proteomics_stat	1799119	1799166	-	5	5	R.AWQCCTVQLDFSLPSR.L	20
PSTAT-2691	proteomics_stat	1799200	1799286	-	5	15	R.AEADLAVALEENNIPFEYQLGEGAFYGP.K	33
PSTAT-2692	proteomics_stat	1799287	1799313	-	5	2	R.IGSDEMWRD.A	13
PSTAT-2693	proteomics_stat	1799470	1799505	-	5	18	R.NEPSGSLHGLMR.V	16
PSTAT-2694	proteomics_stat	1799506	1799532	-	5	4	R.MAEFGSCHR.N	13
PSTAT-2695	proteomics_stat	1799557	1799598	-	5	3	M.NCPGHVQIFNQGLK.S	18

PSTAT-2696	proteomics_stat	1799557	1799619	-	5	4	R.EYCIKPMNCPGHVQIFNQGLK.S	25
PSTAT-2697	proteomics_stat	1799620	1799652	-	5	5	K.DAMFTTSSENR.E	15
PSTAT-2698	proteomics_stat	1799620	1799676	-	5	11	K.TGHWDNYKDAMFTTSSENR.E	23
PSTAT-2699	proteomics_stat	1799653	1799676	-	5	2	K.TGHWDNYK.D	12
PSTAT-2700	proteomics_stat	1799713	1799742	-	5	9	K.LKEYQYQEVK.G	14
PSTAT-2701	proteomics_stat	1799890	1799913	-	5	4	K.ALNAYLQR.L	12
PSTAT-2702	proteomics_stat	1799914	1799940	-	5	2	I.YGTAWADKK.A	13
PSTAT-2703	proteomics_stat	1799914	1799943	-	5	7	R.YGTAWADKK.A	14
PSTAT-2704	proteomics_stat	1800046	1800096	-	5	5	H.DDKPGLYFHEEYVDMCR.G	21
PSTAT-2705	proteomics_stat	1800046	1800126	-	5	22	K.VSILDENIAHDDKPGLYFHEEYVDMCR.G	31
PSTAT-2706	proteomics_stat	1800127	1800159	-	5	7	R.ETFANRGESYK.V	15
PSTAT-2707	proteomics_stat	1800205	1800225	-	5	4	R.MHELAEK.N	11
PSTAT-2708	proteomics_stat	1800226	1800264	-	5	6	R.TLTQEDVEALEKR.M	17
PSTAT-2709	proteomics_stat	1800229	1800264	-	5	3	R.TLTQEDVEALEK.R	16
PSTAT-2710	proteomics_stat	1800265	1800318	-	5	2	M.AIGPVIDNGFYDVLDR.T	22
PSTAT-2711	proteomics_stat	1800265	1800321	-	5	16	K.MAIGPVIDNGFYDVLDR.T	23
PSTAT-2712	proteomics_stat	1800265	1800342	-	5	2	K.QLWPHTKMAIGPVIDNGFYDVLDR.T	30
PSTAT-2713	proteomics_stat	1800379	1800405	-	5	5	K.DEEGLEIIR.H	13
PSTAT-2714	proteomics_stat	1800379	1800477	-	5	17	R.VNGELVDACDLIENDAQLSIITAKDEEGLEIIR.H	37
PSTAT-2715	proteomics_stat	1800406	1800477	-	5	5	R.VNGELVDACDLIENDAQLSIITAK.D	28
PSTAT-2716	proteomics_stat	1800496	1800558	-	5	18	R.HYDHAVSPMDVALDIGPGLAK.A	25
PSTAT-2717	proteomics_stat	1800559	1800591	-	5	3	M.PVITLPDGSQR.H	15
PSTAT-2718	proteomics_stat	1806850	1806876	-	5	2	K.AKGEEGLTR.E	13
PSTAT-2719	proteomics_stat	1817776	1817841	-	5	3	R.EERCMMDLNIPDTQTEAELE.E	26
PSTAT-2720	proteomics_stat	1819386	1819436	-	4	4	R.LLPNKPVEIDSLLYGK.V	21
PSTAT-2721	proteomics_stat	1819945	1820043	-	5	4	K.AETYFVALDDTGHVINSGYQTCAEYDTPQAAK.-	37
PSTAT-2722	proteomics_stat	1820053	1820085	-	5	8	R.GTCQTYILGQR.D	15
PSTAT-2723	proteomics_stat	1820086	1820118	-	5	7	K.PSSEVSMIHAR.G	15
PSTAT-2724	proteomics_stat	1820086	1820145	-	5	34	R.AQVAQIAGKPSSEVSMIHAR.G	24
PSTAT-2725	proteomics_stat	1820170	1820196	-	5	8	K.DQFVQPVK.D	13
PSTAT-2726	proteomics_stat	1820170	1820202	-	5	10	R.TKDQFVQPVK.D	15
PSTAT-2727	proteomics_stat	1823275	1823313	-	5	2	R.KANMLAHMETQNK.I	17
PSTAT-2728	proteomics_stat	1823329	1823355	-	5	3	K.VKAEQIAK.M	13
PSTAT-2729	proteomics_stat	1823464	1823490	-	5	2	K.DLNLTAQK.Q	13
PSTAT-2730	proteomics_stat	1827069	1827155	-	4	4	R.ETGQALSLEDLDGLLFTGSANTGYQLHR.Q	33
PSTAT-2731	proteomics_stat	1828082	1828162	-	6	2	K.HPIYTHFLSQEAQDVIGQVHPQTAPAR.A	31
PSTAT-2732	proteomics_stat	1828798	1828827	-	5	2	F.AAACEHFVSR.G	14
PSTAT-2733	proteomics_stat	1828798	1828830	-	5	5	R.FAAACEHFVSR.G	15
PSTAT-2734	proteomics_stat	1828831	1828884	-	5	6	R.FAPALNVSEEEVTTGLDR.F	22
PSTAT-2735	proteomics_stat	1828951	1829007	-	5	4	R.GLGLLIGCVLNADYAGQAK.Q	23
PSTAT-2736	proteomics_stat	1829080	1829124	-	5	2	K.VLELINTPEMLNGVK.Q	19
PSTAT-2737	proteomics_stat	1829125	1829193	-	5	4	R.VMTVGTHGTTYGGNPLASAVAGK.V	27
PSTAT-2738	proteomics_stat	1829194	1829250	-	5	6	K.ALGGGFPVGALLATEECAR.V	23
PSTAT-2739	proteomics_stat	1829251	1829313	-	5	4	R.TGELYAYMHYGVTPDLLTTAK.A	25
PSTAT-2740	proteomics_stat	1829314	1829361	-	5	18	R.HNALLIFDEVQTVGGR.T	20
PSTAT-2741	proteomics_stat	1829509	1829583	-	5	3	R.TLFTVSAGGQPAYSQDFAPLPADIR.H	29

PSTAT-2742	proteomics_stat	1829665	1829712	-	5	3	R.VFFCNSGAEANEALK.L	20
PSTAT-2743	proteomics_stat	1829713	1829742	-	5	2	K.KLIDATFADR.V	14
PSTAT-2744	proteomics_stat	1829752	1829796	-	5	7	K.FWHTGNGYTNEPVL.R	19
PSTAT-2745	proteomics_stat	1829797	1829823	-	5	3	R.EALNEQASK.F	13
PSTAT-2746	proteomics_stat	1829926	1829985	-	5	2	R.ENFDEWMIPVYAPAPFIPV.R	24
PSTAT-2747	proteomics_stat	1843164	1843223	-	4	2	R.YQDFMQPLVGTLYQLIDQAK.R	24
PSTAT-2748	proteomics_stat	1843320	1843346	-	4	2	R.YIHSTDAGK.A	13
PSTAT-2749	proteomics_stat	1845019	1845078	-	5	2	K.ATAAEFGIELTAIGELVPAR.G	24
PSTAT-2750	proteomics_stat	1845079	1845153	-	5	11	R.DLLCDPQTSGGLLLAVMPEAENEVK.A	29
PSTAT-2751	proteomics_stat	1845163	1845204	-	5	7	R.NFASYGHLMGEMPR.E	18
PSTAT-2752	proteomics_stat	1845235	1845261	-	5	2	K.LPGVEEYIK.L	13
PSTAT-2753	proteomics_stat	1845262	1845285	-	5	3	R.VDYEAIPK.L	12
PSTAT-2754	proteomics_stat	1845286	1845363	-	5	8	K.AMTDVTGFGLLHGLSEMCGAGVQAR.V	30
PSTAT-2755	proteomics_stat	1845364	1845408	-	5	4	R.MNIAGASFANIEGVK.A	19
PSTAT-2756	proteomics_stat	1845409	1845459	-	5	7	K.SLLKPEHQGLATEVMCR.M	21
PSTAT-2757	proteomics_stat	1845460	1845513	-	5	12	K.LFLTGPLGIGVLTAEKK.S	22
PSTAT-2758	proteomics_stat	1845463	1845513	-	5	5	K.LFLTGPLGIGVLTAEK.K	21
PSTAT-2759	proteomics_stat	1845550	1845642	-	5	5	R.QAGIALAGGHSIDAPEPIFGLAVTGIVPTER.V	35
PSTAT-2760	proteomics_stat	1845925	1845960	-	5	5	K.VLETILHSEQAK.F	16
PSTAT-2761	proteomics_stat	1845973	1846011	-	5	5	R.LTQYSHGAGCGCK.I	17
PSTAT-2762	proteomics_stat	1846203	1846253	-	4	14	R.EQDKIVGFLYLGTPQLK.A	21
PSTAT-2763	proteomics_stat	1846272	1846304	-	4	2	R.SGALTESPVV.R	15
PSTAT-2764	proteomics_stat	1846467	1846529	-	4	3	R.FSAVLEQGAIAAGSDDKAIDK.A	25
PSTAT-2765	proteomics_stat	1846479	1846529	-	4	4	R.FSAVLEQGAIAAGSDDK.A	21
PSTAT-2766	proteomics_stat	1846536	1846580	-	4	15	K.SMQPWHFFVIEGEGR.E	19
PSTAT-2767	proteomics_stat	1846608	1846655	-	4	3	R.LAEPAPTGEQLQNILR.A	20
PSTAT-2768	proteomics_stat	1849150	1849203	-	5	2	R.FSSMNDSAEAVYAIVSVP.C	22
PSTAT-2769	proteomics_stat	1852726	1852764	-	5	3	R.DLEKLEDEGFLTR.T	17
PSTAT-2770	proteomics_stat	1853303	1853371	-	6	2	R.DNGIVVQVYSPLEQGLLTGTITR.D	27
PSTAT-2771	proteomics_stat	1860184	1860207	-	5	2	K.DLSHGMQR.I	12
PSTAT-2772	proteomics_stat	1860277	1860330	-	5	4	D.GVYHCLICDAPLFHSQTK.Y	22
PSTAT-2773	proteomics_stat	1860352	1860417	-	5	4	K.NLSEMQFYVTQNHGTEPPFTGR.L	26
PSTAT-2774	proteomics_stat	1860418	1860450	-	5	4	M.ANKPSAEELKK.N	15
PSTAT-2775	proteomics_stat	1863795	1863833	-	4	7	R.LSDEVTDSPMVDK.S	17
PSTAT-2776	proteomics_stat	1864377	1864421	-	4	3	K.FSLGAGVGVVEHPYK.D	19
PSTAT-2777	proteomics_stat	1866459	1866500	-	4	6	G.IRIAILLILNPEIR.V	18
PSTAT-2778	proteomics_stat	1886217	1886261	-	4	3	K.KDPSLTEESLVTFCR.R	19
PSTAT-2779	proteomics_stat	1886424	1886480	-	4	4	K.NGWLHTGDIAMDEEGFLR.I	23
PSTAT-2780	proteomics_stat	1886481	1886540	-	4	2	K.GPQVMLGYWQRPDATDEIIK.N	24
PSTAT-2781	proteomics_stat	1886541	1886573	-	4	3	V.PPGQPGELCVK.G	15
PSTAT-2782	proteomics_stat	1886541	1886600	-	4	8	K.LVDDDDNEVPPGQPGELCVK.G	24
PSTAT-2783	proteomics_stat	1887021	1887083	-	4	6	R.NMLANLEQVNATYGPLLHPGK.E	25
PSTAT-2784	proteomics_stat	1887105	1887185	-	4	6	R.MQYVKPELVPEDLAFLQYTGTTGVAK.G	31
PSTAT-2785	proteomics_stat	1887291	1887317	-	4	2	R.MGDQLSTAK.G	13
PSTAT-2786	proteomics_stat	1887318	1887347	-	4	5	K.TAVQHVILTR.M	14
PSTAT-2787	proteomics_stat	1887318	1887359	-	4	2	K.VVDKTAHQHVILTR.M	18

PSTAT-2788	proteomics_stat	1887360	1887437	-	4	11	R.ELEHQLNDSGASAIIVSNFAHTLEK.V	30
PSTAT-2789	proteomics_stat	1887438	1887482	-	4	2	R.AGMIVVNVNPLYTPR.E	19
PSTAT-2790	proteomics_stat	1887666	1887746	-	4	2	R.YPADVPTEINPDYQSLVDMFEQSVAR.Y	31
PSTAT-2791	proteomics_stat	1887708	1887746	-	4	3	R.YPADVPTEINPDR.Y	17
PSTAT-2792	proteomics_stat	1888275	1888343	-	4	8	K.TRLEIATVPLDSGARPTLGEPSR.G	27
PSTAT-2793	proteomics_stat	1888344	1888373	-	4	2	K.VVAVQNNQGGK.T	14
PSTAT-2794	proteomics_stat	1888348	1888428	-	5	37	S.GDECAAARWSSGGTLWWQSGCGTKPAR.E	31
PSTAT-2795	proteomics_stat	1888386	1888427	-	4	2	R.VMSAPQLYVGQEAR.F	18
PSTAT-2796	proteomics_stat	1888635	1888673	-	4	4	K.TVAVEHAEPVYLR.N	17
PSTAT-2797	proteomics_stat	1888674	1888745	-	4	5	R.DGEVLLPAAEDMLPIACQMFAEGK.T	28
PSTAT-2798	proteomics_stat	1888836	1888904	-	4	2	R.DENGIWHGEETEAVLKPEIVHER.M	27
PSTAT-2799	proteomics_stat	1889076	1889102	-	4	2	R.GPGSFTGVR.I	13
PSTAT-2800	proteomics_stat	1889103	1889180	-	4	7	R.ILPMVQDILTTSGLTLDINALAYGR.G	30
PSTAT-2801	proteomics_stat	1898170	1898286	-	5	2	K.GGTDLHALQQALDVEHLADDDDIATVAGLVISANGHIPR.V	43
PSTAT-2802	proteomics_stat	1899487	1899549	-	5	2	E.IVLGIDNLVFIAILADKLPPK.Q	25
PSTAT-2803	proteomics_stat	1904911	1904946	-	5	2	R.DPGDSAEMMQAR.R	16
PSTAT-2804	proteomics_stat	1904911	1904952	-	5	2	R.SRDPGDSAEMMQAR.R	18
PSTAT-2805	proteomics_stat	1905253	1905333	-	5	3	K.TLAEGQNVEFEIQDGQKGA AVNVTAI.-	31
PSTAT-2806	proteomics_stat	1905283	1905333	-	5	59	K.TLAEGQNVEFEIQDGQK.G	21
PSTAT-2807	proteomics_stat	1905334	1905378	-	5	44	K.DVFVHFSAIQGNQFK.T	19
PSTAT-2808	proteomics_stat	1905379	1905414	-	5	8	K.GFGFITPADGSK.D	16
PSTAT-2809	proteomics_stat	1907335	1907373	-	5	3	R.KISAQMGYHDYPF.-	17
PSTAT-2810	proteomics_stat	1907374	1907412	-	5	4	R.LQEYVAMLHTAAR.K	17
PSTAT-2811	proteomics_stat	1907503	1907550	-	5	10	R.EQGYGEDNEEQEGLR.C	20
PSTAT-2812	proteomics_stat	1907551	1907598	-	5	2	R.TITSTEALLPVLQVR.E	20
PSTAT-2813	proteomics_stat	1908070	1908120	-	5	4	M.ANADLDKQPDVSSVLK.V	21
PSTAT-2814	proteomics_stat	1909755	1909799	-	4	2	K.SLSELFMTHPPLDKR.I	19
PSTAT-2815	proteomics_stat	1909758	1909799	-	4	2	K.SLSELFMTHPPLDK.R	18
PSTAT-2816	proteomics_stat	1910265	1910339	-	4	2	R.QAGIAMPQVAIYHAPDINAFATGAR.R	29
PSTAT-2817	proteomics_stat	1910795	1910827	-	6	10	K.ARPAEQPAPVK.-	15
PSTAT-2818	proteomics_stat	1910837	1910899	-	6	11	K.DYQEPDPYLDQTVNIALDLAK.L	25
PSTAT-2819	proteomics_stat	1911005	1911034	-	6	3	R.NIVSLNYAVR.E	14
PSTAT-2820	proteomics_stat	1911107	1911160	-	6	2	K.SGDLTAFPELLKEHNAR.I	22
PSTAT-2821	proteomics_stat	1911311	1911376	-	6	6	R.IYDQMLRPEWPALGVSQYTIQK.F	26
PSTAT-2822	proteomics_stat	1911443	1911496	-	6	6	R.FSASASEIFAAAMQDYGR.A	22
PSTAT-2823	proteomics_stat	1911524	1911565	-	6	2	K.VRESDTDGQVQFYK.G	18
PSTAT-2824	proteomics_stat	1911581	1911661	-	6	4	R.SNGGGALTEAVSLSGLFIPAGPIVQVR.D	31
PSTAT-2825	proteomics_stat	1911719	1911772	-	6	5	K.VGVLDIPGFYVGLTDDVK.V	22
PSTAT-2826	proteomics_stat	1911944	1911997	-	6	6	K.IVGVGQTGKPMVDVIGWR.L	22
PSTAT-2827	proteomics_stat	1912181	1912237	-	6	8	R.LAQTNSQDVFSLAMTAFAR.E	23
PSTAT-2828	proteomics_stat	1912307	1912333	-	6	3	K.VKFDELSLK.L	13
PSTAT-2829	proteomics_stat	1912391	1912462	-	6	2	R.QYALSVLEKPMDFGTGNDTYNLDR.S	28
PSTAT-2830	proteomics_stat	1912475	1912525	-	6	3	R.SGKLDVFYDLYNLAQKR.R	21
PSTAT-2831	proteomics_stat	1912478	1912525	-	6	4	R.SGKLDVFYDLYNLAQK.R	20
PSTAT-2832	proteomics_stat	1912556	1912621	-	6	7	R.YLNLLDYSHNVLLASDVEQFAK.K	26
PSTAT-2833	proteomics_stat	1912700	1912732	-	6	5	K.EETQHATVSR.V	15

PSTAT-2834	proteomics_stat	1912700	1912756	-	6	6	R.ADQIPVLKEETQHATVSR.V	23
PSTAT-2835	proteomics_stat	1912929	1912973	-	4	4	K.AGQNAMDATVLEITK.D	19
PSTAT-2836	proteomics_stat	1912980	1913039	-	4	3	R.EEQHTPVSDISALTVGQALK.V	24
PSTAT-2837	proteomics_stat	1912980	1913048	-	4	5	K.APREEQHTPVSDISALTVGQALK.V	27
PSTAT-2838	proteomics_stat	1913148	1913192	-	4	3	R.EAAATAGEKEDAPRR.E	19
PSTAT-2839	proteomics_stat	1913259	1913318	-	4	2	R.VDLGDNPCGELDEQHVEHAR.K	24
PSTAT-2840	proteomics_stat	1913319	1913351	-	4	6	R.YLYGVKPGATR.V	15
PSTAT-2841	proteomics_stat	1913499	1913525	-	4	2	K.EVIAFLAER.F	13
PSTAT-2842	proteomics_stat	1913679	1913705	-	4	4	K.VLATTDYKK.F	13
PSTAT-2843	proteomics_stat	1913706	1913729	-	4	2	R.QLVAQLEK.V	12
PSTAT-2844	proteomics_stat	1913730	1913759	-	4	3	R.FTDEDEQGLR.Q	14
PSTAT-2845	proteomics_stat	1913760	1913807	-	4	14	K.NQIIGVLDIDSTVFR.F	20
PSTAT-2846	proteomics_stat	1913808	1913891	-	4	3	R.IEDVHVFDGHIACDAASNSEIVLPLVVK.N	32
PSTAT-2847	proteomics_stat	1913907	1913933	-	4	2	R.GVCGTAVAR.N	13
PSTAT-2848	proteomics_stat	1914039	1914116	-	4	7	R.DFNALMAGETSFLATLANTSALLYER.L	30
PSTAT-2849	proteomics_stat	1914117	1914152	-	4	9	I.MNKTEFYADLNR.D	16
PSTAT-2850	proteomics_stat	1921434	1921493	-	4	5	K.TNAQPISVIQIDDPNNGEK.M	24
PSTAT-2851	proteomics_stat	1921512	1921583	-	4	2	R.PGNALYVINPSTLVQYPLNDIAQK.E	28
PSTAT-2852	proteomics_stat	1921512	1921589	-	4	3	T.CRPGNALYVINPSTLVQYPLNDIAQK.E	30
PSTAT-2853	proteomics_stat	1921623	1921643	-	4	3	R.FEVGKDK.W	11
PSTAT-2854	proteomics_stat	1921644	1921670	-	4	4	A.APQVITVSR.F	13
PSTAT-2855	proteomics_stat	1922652	1922735	-	4	13	K.QLIVPLADSLKPGTYTVDWHVVSVDGHK.T	32
PSTAT-2856	proteomics_stat	1928088	1928126	-	4	3	K.SADIHVQVSDCK.A	17
PSTAT-2857	proteomics_stat	1928166	1928222	-	4	2	K.IVGQADPVAVWSLQDIQGK.D	23
PSTAT-2858	proteomics_stat	1928268	1928312	-	4	3	K.CEDLDAAGIAASVKR.D	19
PSTAT-2859	proteomics_stat	1928610	1928681	-	4	2	K.MLDTADLLDTWLTNSPVQMEDEQR.E	28
PSTAT-2860	proteomics_stat	1930184	1930252	-	6	7	K.SVLCIGGSWLVPADALEAGDYDR.I	27
PSTAT-2861	proteomics_stat	1930271	1930309	-	6	3	R.FCPTGGISPANYR.D	17
PSTAT-2862	proteomics_stat	1930310	1930348	-	6	9	K.ALQAIAGPFQSQR.F	17
PSTAT-2863	proteomics_stat	1930391	1930444	-	6	3	I.PGISTVSELMLGMDYGLK.E	22
PSTAT-2864	proteomics_stat	1930391	1930474	-	6	76	K.AATEGTIPLIPGISTVSELMLGMDYGLK.E	32
PSTAT-2865	proteomics_stat	1930475	1930552	-	6	39	N.PQQLAEVTEAGAQFAISPGLTEPLLK.A	30
PSTAT-2866	proteomics_stat	1930475	1930594	-	6	90	K.EVPEAIVGAGTVLNPQQLAEVTEAGAQFAISPGLTEPLLK.A	44
PSTAT-2867	proteomics_stat	1930679	1930705	-	6	5	K.LEHAVPMAK.A	13
PSTAT-2868	proteomics_stat	1930679	1930708	-	6	8	K.KLEHAVPMAK.A	14
PSTAT-2869	proteomics_stat	1930709	1930765	-	6	8	K.TSAESILTTGPVVPVIVVK.K	23
PSTAT-2870	proteomics_stat	1931366	1931428	-	6	2	K.SLDSNVIASFEQPFSHHGGTK.V	25
PSTAT-2871	proteomics_stat	1931444	1931488	-	6	2	R.YTLEPWLNNGELDWR.E	19
PSTAT-2872	proteomics_stat	1932893	1932997	-	6	2	K.WVDSITEAWAMDNDAPKPYQAGTWGPVASVAMITR.D	39
PSTAT-2873	proteomics_stat	1932998	1933024	-	6	4	R.RDEVEEAWK.W	13
PSTAT-2874	proteomics_stat	1933025	1933048	-	6	3	R.GIQALFVR.R	12
PSTAT-2875	proteomics_stat	1933172	1933213	-	6	3	R.LQPDEGVDIQVLNK.V	18
PSTAT-2876	proteomics_stat	1933256	1933279	-	6	6	K.TPELNLFK.E	12
PSTAT-2877	proteomics_stat	1933379	1933411	-	6	4	K.SSNTETFVAIR.V	15
PSTAT-2878	proteomics_stat	1933379	1933450	-	6	3	K.KVPGYLEEEGANKSSNTETFVAIR.V	28
PSTAT-2879	proteomics_stat	1933412	1933450	-	6	15	K.KVPGYLEEEGANK.S	17

PSTAT-2880	proteomics_stat	1933451	1933483	-	6	4	R.GQYTAGFAQGK.K	15
PSTAT-2881	proteomics_stat	1933727	1933765	-	6	7	R.FANSLFVNNWDNR.T	17
PSTAT-2882	proteomics_stat	1933766	1933795	-	6	2	K.ETVLNLLALR.F	14
PSTAT-2883	proteomics_stat	1933766	1933816	-	6	2	R.IDHYLGKETVLNLLALR.F	21
PSTAT-2884	proteomics_stat	1933796	1933816	-	6	2	R.IDHYLGK.E	11
PSTAT-2885	proteomics_stat	1933817	1933912	-	6	2	R.VVMEKPLGTSLATSQEINDQVGEYFEQCQVYR.I	36
PSTAT-2886	proteomics_stat	1933952	1934005	-	6	4	R.ITINYFAMPPSTFGAICK.G	22
PSTAT-2887	proteomics_stat	1934012	1934035	-	6	2	R.LGAMLDQK.N	12
PSTAT-2888	proteomics_stat	1934036	1934080	-	6	2	L.DFCNLDVNDTAAFSR.L	19
PSTAT-2889	proteomics_stat	1934036	1934083	-	6	2	R.LDFCNLDVNDTAAFSR.L	20
PSTAT-2890	proteomics_stat	1934084	1934125	-	6	4	K.ETIDEGLWDTLSAR.L	18
PSTAT-2891	proteomics_stat	1934234	1934266	-	6	7	R.KLLPSLYQLEK.A	15
PSTAT-2892	proteomics_stat	1934285	1934335	-	6	7	M.AVTQTAQACDLVIFGAK.G	21
PSTAT-2893	proteomics_stat	1937381	1937446	-	6	2	R.LTIQVRPPMDDLLEADDHTIAR.R	26
PSTAT-2894	proteomics_stat	1937687	1937749	-	6	5	K.MAAMFHNQGNPVFDYVWNTVR.R	25
PSTAT-2895	proteomics_stat	1937750	1937821	-	6	2	K.VIFLVPHGWAVDIPAMLMASQGQK.M	28
PSTAT-2896	proteomics_stat	1938170	1938205	-	6	3	K.KNNSEYIPEFDK.S	16
PSTAT-2897	proteomics_stat	1939678	1939740	-	5	18	K.TSYSEFLSQLANQYASCLKG.D.-	25
PSTAT-2898	proteomics_stat	1939684	1939740	-	5	3	K.TSYSEFLSQLANQYASCLK.G	23
PSTAT-2899	proteomics_stat	1939750	1939782	-	5	2	M.GTLDPLGTNIK.L	15
PSTAT-2900	proteomics_stat	1939750	1939785	-	5	21	R.MGTLDPLGTNIK.L	16
PSTAT-2901	proteomics_stat	1939801	1939827	-	5	6	R.PAVVESVAR.G	13
PSTAT-2902	proteomics_stat	1939801	1939833	-	5	2	Q.FRPAVVESVAR.G	15
PSTAT-2903	proteomics_stat	1939801	1939860	-	5	3	K.ATCVFAEPQFRPAVVESVAR.G	24
PSTAT-2904	proteomics_stat	1939828	1939860	-	5	2	K.ATCVFAEPQFR.P	15
PSTAT-2905	proteomics_stat	1939861	1939881	-	5	9	R.TQLVEQK.A	11
PSTAT-2906	proteomics_stat	1939897	1939959	-	5	2	Q.FGLTPLGHFTVNPEIQPGAQR.L	25
PSTAT-2907	proteomics_stat	1939897	1939962	-	5	30	K.QFGLTPLGHFTVNPEIQPGAQR.L	26
PSTAT-2908	proteomics_stat	1939963	1939998	-	5	6	Y.FVFHDAYGYFEK.Q	16
PSTAT-2909	proteomics_stat	1939963	1940001	-	5	2	G.YFVFHDAYGYFEK.Q	17
PSTAT-2910	proteomics_stat	1939963	1940004	-	5	106	K.GYFVFHDAYGYFEK.Q	18
PSTAT-2911	proteomics_stat	1940005	1940073	-	5	7	K.DFEAQLASTETQVGNELAPLKGK.G	27
PSTAT-2912	proteomics_stat	1940005	1940079	-	5	2	N.LKDFEAQLASTETQVGNELAPLKGK.G	29
PSTAT-2913	proteomics_stat	1940005	1940091	-	5	5	K.LDANLKDFEAQLASTETQVGNELAPLKGK.G	33
PSTAT-2914	proteomics_stat	1940005	1940097	-	5	43	R.AKLDANLKDFEAQLASTETQVGNELAPLKGK.G	35
PSTAT-2915	proteomics_stat	1940011	1940073	-	5	8	K.DFEAQLASTETQVGNELAPLKGK.G	25
PSTAT-2916	proteomics_stat	1940011	1940091	-	5	18	K.LDANLKDFEAQLASTETQVGNELAPLKGK.G	31
PSTAT-2917	proteomics_stat	1940011	1940097	-	5	98	R.AKLDANLKDFEAQLASTETQVGNELAPLKGK.G	33
PSTAT-2918	proteomics_stat	1940098	1940124	-	5	2	K.LVELMPQSR.A	13
PSTAT-2919	proteomics_stat	1940125	1940151	-	5	24	R.ATAVAIHGK.L	13
PSTAT-2920	proteomics_stat	1940152	1940217	-	5	5	K.SDEDHHHGDFNMHLWLSPEIAR.A	26
PSTAT-2921	proteomics_stat	1940218	1940259	-	5	24	K.SIHGDDDDHDHAEK.S	18
PSTAT-2922	proteomics_stat	1940260	1940307	-	5	17	K.QVTIAQLEDVKPLLMK.S	20
PSTAT-2923	proteomics_stat	1940260	1940310	-	5	2	A.KQVTIAQLEDVKPLLMK.S	21
PSTAT-2924	proteomics_stat	1940323	1940364	-	5	2	V.GPEMEAFMQKPVSK.L	18
PSTAT-2925	proteomics_stat	1940323	1940367	-	5	3	W.VGPEMEAFMQKPVSK.L	19

PSTAT-2926	proteomics_stat	1940323	1940370	-	5	2	V.WVGPMEAFMQKPVSK.L	20
PSTAT-2927	proteomics_stat	1940323	1940373	-	5	3	V.WVGPMEAFMQKPVSK.L	21
PSTAT-2928	proteomics_stat	1940323	1940394	-	5	53	R.LQNADLVVWVGPMEAFMQKPVSK.L	28
PSTAT-2929	proteomics_stat	1940323	1940397	-	5	16	K.RLQNADLVVWVGPMEAFMQKPVSK.L	29
PSTAT-2930	proteomics_stat	1940395	1940529	-	5	6	A.AVVASLKPVGFIASAIADGVTETEVLLPDGASEHDYSLRPSDVKR.L	49
PSTAT-2931	proteomics_stat	1940398	1940448	-	5	3	L.PDGASEHDYSLRPSDVK.R	21
PSTAT-2932	proteomics_stat	1940398	1940478	-	5	2	A.DGVTETEVLLPDGASEHDYSLRPSDVK.R	31
PSTAT-2933	proteomics_stat	1940398	1940529	-	5	28	A.AVVASLKPVGFIASAIADGVTETEVLLPDGASEHDYSLRPSDVK.R	48
PSTAT-2934	proteomics_stat	1943129	1943176	-	6	2	K.TTLANIVANEMGVNLR.T	20
PSTAT-2935	proteomics_stat	1943177	1943233	-	6	4	K.LRGDALDHLLIFGPPGLGK.T	23
PSTAT-2936	proteomics_stat	1943318	1943362	-	6	2	R.LISAGTTLPEDVADR.A	19
PSTAT-2937	proteomics_stat	1943413	1943451	-	5	4	K.IARPDASSETLIR.E	17
PSTAT-2938	proteomics_stat	1945438	1945521	-	5	6	R.LIDMLEDCDDVQEVYHNGEISDEVAATL.-	32
PSTAT-2939	proteomics_stat	1945531	1945560	-	5	8	K.ADMAETAPK.L	14
PSTAT-2940	proteomics_stat	1945561	1945599	-	5	6	K.ADSAEVSMIPSTK.A	17
PSTAT-2941	proteomics_stat	1945561	1945632	-	5	5	K.VRDALEAAGLKADSAEVSMIPSTK.A	28
PSTAT-2942	proteomics_stat	1945600	1945626	-	5	4	R.DALEAAGLK.A	13
PSTAT-2943	proteomics_stat	1945600	1945632	-	5	3	K.VRDALEAAGLK.A	15
PSTAT-2944	proteomics_stat	1945768	1945818	-	5	3	K.CGGNLGTDGVSAYLFSK.K	21
PSTAT-2945	proteomics_stat	1946032	1946064	-	5	4	K.LGGGDPDANPR.L	15
PSTAT-2946	proteomics_stat	1946792	1946878	-	6	37	K.TTAAACLMTTEAPSFANPTALAELSIQVVK.K	33
PSTAT-2947	proteomics_stat	1946879	1946935	-	6	3	R.LTMLLTGTDNIRDVIAFPK.T	23
PSTAT-2948	proteomics_stat	1946936	1946980	-	6	20	K.YGTPPHAGLAFGLDR.L	19
PSTAT-2949	proteomics_stat	1947008	1947079	-	6	2	R.IHNGDMQQTVFGILGINEEEEQREK.F	28
PSTAT-2950	proteomics_stat	1947014	1947079	-	6	27	R.IHNGDMQQTVFGILGINEEEEQR.E	26
PSTAT-2951	proteomics_stat	1947080	1947157	-	6	9	K.AAPENAVANAYDMVINGYEVGGGSRV.I	30
PSTAT-2952	proteomics_stat	1947275	1947301	-	6	8	K.DLGLTDESK.W	13
PSTAT-2953	proteomics_stat	1947275	1947310	-	6	2	K.VGKDLGLTDESK.W	16
PSTAT-2954	proteomics_stat	1947317	1947346	-	6	2	K.IVADAMGALR.L	14
PSTAT-2955	proteomics_stat	1947347	1947397	-	6	3	R.TAAQDGDMIFFGADNKK.I	21
PSTAT-2956	proteomics_stat	1947398	1947436	-	6	20	K.FLNAEIIEDILDR.T	17
PSTAT-2957	proteomics_stat	1947437	1947469	-	6	4	K.GLEGINSPVAK.F	15
PSTAT-2958	proteomics_stat	1947437	1947475	-	6	6	R.AKGLEGINSPVAK.F	17
PSTAT-2959	proteomics_stat	1947521	1947553	-	6	7	R.KQIDEYGNFVK.I	15
PSTAT-2960	proteomics_stat	1947602	1947646	-	6	5	K.SVEFAVFAGPANDPK.G	19
PSTAT-2961	proteomics_stat	1947647	1947685	-	6	8	R.NPMELTDVADLLK.S	17
PSTAT-2962	proteomics_stat	1947686	1947712	-	6	8	R.YGSDKPDLR.N	13
PSTAT-2963	proteomics_stat	1947716	1947766	-	6	5	K.GVDLGFVMTFAEAER.R	21
PSTAT-2964	proteomics_stat	1947788	1947811	-	6	3	R.EVMEALVR.H	12
PSTAT-2965	proteomics_stat	1947812	1947880	-	6	2	R.ADRQPEFTQIDVETSFMTAPQVR.E	27
PSTAT-2966	proteomics_stat	1947923	1947952	-	6	2	K.QLLMMSGFDR.Y	14
PSTAT-2967	proteomics_stat	1947953	1947988	-	6	3	K.FYALPQSPQLFK.Q	16
PSTAT-2968	proteomics_stat	1947953	1947994	-	6	6	K.GKFYALPQSPQLFK.Q	18
PSTAT-2969	proteomics_stat	1948046	1948096	-	6	11	R.FMDDHGFLDIETPMLTK.A	21
PSTAT-2970	proteomics_stat	1948046	1948099	-	6	7	R.RFMDDHGFLDIETPMLTK.A	22
PSTAT-2971	proteomics_stat	1948184	1948234	-	6	3	R.ADVLPDLSNHVNTEEAR.L	21

PSTAT-2972	proteomics_stat	1948373	1948429	-	6	2	R.DREGIVQVFFDPDRADALK.L	23
PSTAT-2973	proteomics_stat	1948469	1948516	-	6	6	R.LSHVGQQVTLCGWVNR.R	20
PSTAT-2974	proteomics_stat	1948517	1948540	-	6	2	R.TEYCGQLR.L	12
PSTAT-2975	proteomics_stat	1956667	1956750	-	5	4	R.AENLHHFLDAGVLEVHSSAGAWQASPMR.Y	32
PSTAT-2976	proteomics_stat	1956751	1956786	-	5	2	R.DAPIIMAGAGVR.A	16
PSTAT-2977	proteomics_stat	1965105	1965185	-	4	3	K.ENIAAAQAGASGYVVKPFTAATLEEK.L	31
PSTAT-2978	proteomics_stat	1965105	1965188	-	4	5	K.KENIAAAQAGASGYVVKPFTAATLEEK.L	32
PSTAT-2979	proteomics_stat	1965327	1965383	-	4	2	K.ELGFNNVEEAEDGVDALNK.L	23
PSTAT-2980	proteomics_stat	1969096	1969173	-	5	3	R.LAASPLTNKPQTPSRPASEQPPAQPR.L	30
PSTAT-2981	proteomics_stat	1969318	1969368	-	5	3	R.VTDIMGEIASASDEQSR.G	21
PSTAT-2982	proteomics_stat	1969318	1969368	-	5	3	R.VTDIMGEIASASDEQSR.G	21
PSTAT-2983	proteomics_stat	1969369	1969440	-	5	3	R.VDTGSLVLESAGETMNNIVNAVTR.V	28
PSTAT-2984	proteomics_stat	1969558	1969641	-	5	2	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PSTAT-2985	proteomics_stat	1969558	1969641	-	5	2	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PSTAT-2986	proteomics_stat	1969696	1969749	-	5	3	R.QASQLAQSASDTAQHGGK.V	22
PSTAT-2987	proteomics_stat	1969840	1969875	-	5	2	R.EIAAGNTDLSSR.T	16
PSTAT-2988	proteomics_stat	1969876	1969908	-	5	2	R.EGSDAIYAGTR.E	15
PSTAT-2989	proteomics_stat	1971337	1971360	-	5	2	M.TGMTNVTK.L	12
PSTAT-2990	proteomics_stat	1978281	1978325	-	4	3	K.NDINHWWQECFISDLK.Q	19
PSTAT-2991	proteomics_stat	1978326	1978355	-	4	3	R.HAEMLDVIVK.N	14
PSTAT-2992	proteomics_stat	1978392	1978529	-	4	14	K.EYVAAQDPANPGVLVLSQFAGAANELTSALIVNPYDRDEVAALDR.A	50
PSTAT-2993	proteomics_stat	1978611	1978664	-	4	3	K.YGQLGWTPPLYLNQHFR.K	22
PSTAT-2994	proteomics_stat	1978677	1978703	-	4	6	R.HQLENEAGR.I	13
PSTAT-2995	proteomics_stat	1978848	1978877	-	4	2	K.NVQNIJSVER.L	14
PSTAT-2996	proteomics_stat	1979472	1979537	-	4	2	K.AAGGLWFGWSGETGNEDQPLKK.V	26
PSTAT-2997	proteomics_stat	1979538	1979606	-	4	6	R.IAPPDEHAASAGGLAVGILGALK.A	27
PSTAT-2998	proteomics_stat	1980154	1980225	-	5	2	R.SMVELDALAKPYRFPLAGVHGAER.R	28
PSTAT-2999	proteomics_stat	1981526	1981561	-	6	2	M.SSVSTSGSGAPK.S	16
PSTAT-3000	proteomics_stat	1983181	1983210	-	5	5	R.DNFKEELEKK.G	14
PSTAT-3001	proteomics_stat	1983298	1983357	-	5	3	K.AQATGFYGSLLPSPDVHGYK.S	24
PSTAT-3002	proteomics_stat	1983358	1983417	-	5	6	K.AADIIGINGVDAVSELSK.A	24
PSTAT-3003	proteomics_stat	1983442	1983492	-	5	8	K.HWLIVGMNDSTVLGGVR.A	21
PSTAT-3004	proteomics_stat	1983637	1983684	-	5	5	K.ESAVMAITANELDTAR.R	20
PSTAT-3005	proteomics_stat	1983748	1983795	-	5	5	K.GKPMDTVPLVMMMAATK.I	20
PSTAT-3006	proteomics_stat	1985594	1985644	-	6	3	K.NIDFTNHPAAADPVTMR.A	21
PSTAT-3007	proteomics_stat	1985669	1985713	-	6	3	K.QILDVLDVIAPVEVR.E	19
PSTAT-3008	proteomics_stat	1989128	1989169	-	6	2	K.MSPEAFEEESVDAIR.L	18
PSTAT-3009	proteomics_stat	1989332	1989376	-	6	2	R.LNEFPEQFEPLFGLR.E	19
PSTAT-3010	proteomics_stat	1989584	1989637	-	6	7	K.TGPLNESELEWLDILT.K.Y	22
PSTAT-3011	proteomics_stat	1991129	1991224	-	6	2	R.KAGLETFFFEPEGEGFSLPPDSPALHVIQHIR.D	36
PSTAT-3012	proteomics_stat	1995275	1995367	-	6	5	R.ALAMRPEVILFDEPTSAIDPELVGEVLTNIR.Q	35
PSTAT-3013	proteomics_stat	1995497	1995538	-	6	2	R.TVLENIIEGPVIVK.G	18
PSTAT-3014	proteomics_stat	1995626	1995697	-	6	3	R.SINLLEQPEAGTITVGDITIDTAR.S	28
PSTAT-3015	proteomics_stat	1996521	1996595	-	4	12	R.FKDEGPILFIHTGGAPALFAYHPHV.-	29
PSTAT-3016	proteomics_stat	1996785	1996814	-	4	2	K.VVNLQQAIK.E	14
PSTAT-3017	proteomics_stat	1997157	1997234	-	4	13	K.LGLHCVALLENPIGTTAENYLTNGNR.L	30



PSTAT-3018	proteomics_stat	1997259	1997312	-	4	4	R.EGADTLITAGAIQSNHVR.Q	22
PSTAT-3019	proteomics_stat	1997313	1997345	-	4	8	R.KLEFLAADALR.E	15
PSTAT-3020	proteomics_stat	1997352	1997387	-	4	4	R.DDVTPMAMGGNK.L	16
PSTAT-3021	proteomics_stat	1997352	1997390	-	4	2	K.RDDVTPMAMGGNK.L	17
PSTAT-3022	proteomics_stat	1997427	1997471	-	4	6	R.LEFIGAPTPLEYLPR.F	19
PSTAT-3023	proteomics_stat	1997636	1997665	-	6	9	K.DGTLQALSEK.W	14
PSTAT-3024	proteomics_stat	1997666	1997698	-	6	4	K.AVNDAIAEMQK.D	15
PSTAT-3025	proteomics_stat	1997699	1997722	-	6	4	R.KGNEDLLK.A	12
PSTAT-3026	proteomics_stat	1997747	1997791	-	6	6	K.KTNDTLAVTGEAFSR.Q	19
PSTAT-3027	proteomics_stat	1997792	1997815	-	6	2	R.LAALDLVK.K	12
PSTAT-3028	proteomics_stat	1997888	1997914	-	6	2	R.QNVQGV DVR.T	13
PSTAT-3029	proteomics_stat	1997915	1997959	-	6	5	K.KVGVGLGTNYEELR.Q	19
PSTAT-3030	proteomics_stat	1998008	1998058	-	6	3	K.YDFSTPYTISGIQALVK.K	21
PSTAT-3031	proteomics_stat	1998008	1998061	-	6	7	K.KYDFSTPYTISGIQALVK.K	22
PSTAT-3032	proteomics_stat	1998068	1998112	-	6	7	K.RIDVVINQVTISDER.K	19
PSTAT-3033	proteomics_stat	1998146	1998181	-	6	7	K.HLGVEASLKPTK.W	16
PSTAT-3034	proteomics_stat	1998182	1998223	-	6	2	K.LTGFEVEFAQQ LAK.H	18
PSTAT-3035	proteomics_stat	2005704	2005769	-	4	2	R.VDRPTAEC AAALDKAPLPTPLP.-	26
PSTAT-3036	proteomics_stat	2005728	2005769	-	4	2	R.VDRPTAEC AAALDK.A	18
PSTAT-3037	proteomics_stat	2005770	2005811	-	4	8	R.DGNTIEYDGMTMER.V	18
PSTAT-3038	proteomics_stat	2005812	2005832	-	4	4	R.ELYEVER.D	11
PSTAT-3039	proteomics_stat	2005833	2005877	-	4	3	K.LTLM SDDLNTVTVKR.E	19
PSTAT-3040	proteomics_stat	2005836	2005877	-	4	3	K.LTLM SDDLNTVTVK.R	18
PSTAT-3041	proteomics_stat	2005992	2006033	-	4	3	K.TPAPDWLAGYWQTK.G	18
PSTAT-3042	proteomics_stat	2024688	2024717	-	4	5	K.RLMTALVIRR.A	14
PSTAT-3043	proteomics_stat	2025400	2025447	-	5	2	R.YYGYVTQPWFIGHSQR.E	20
PSTAT-3044	proteomics_stat	2027235	2027297	-	4	3	K.KTAGVLGDDL SLNAQQVSGVR.A	25
PSTAT-3045	proteomics_stat	2029208	2029234	-	6	2	K.DGAEILIDR.G	13
PSTAT-3046	proteomics_stat	2033635	2033688	-	5	3	K.FSLLSNVVASGFNDFRPL.S	22
PSTAT-3047	proteomics_stat	2060487	2060522	-	4	3	R.AFINGQEVDVNR.A	16
PSTAT-3048	proteomics_stat	2060556	2060582	-	4	5	R.NRAEYESDR.K	13
PSTAT-3049	proteomics_stat	2060742	2060786	-	4	2	L.YAIHGTNANFGIGLR.V	19
PSTAT-3050	proteomics_stat	2060742	2060786	-	4	2	L.YAIHGTNANFGIGLR.V	19
PSTAT-3051	proteomics_stat	2060742	2060789	-	4	15	R.LYAIHGTNANFGIGLR.V	20
PSTAT-3052	proteomics_stat	2060742	2060789	-	4	15	R.LYAIHGTNANFGIGLR.V	20
PSTAT-3053	proteomics_stat	2060790	2060840	-	4	2	V.PAGPDNPMGLYAIYIGR.L	21
PSTAT-3054	proteomics_stat	2060790	2060867	-	4	6	K.RGESLPAFVPAGPDNPMGLYAIYIGR.L	30
PSTAT-3055	proteomics_stat	2060883	2060924	-	4	4	R.KQEAPTWTPTPNTR.R	18
PSTAT-3056	proteomics_stat	2060961	2061029	-	4	3	R.LYYYPPDSNTVEVFP IIGQAGR.E	27
PSTAT-3057	proteomics_stat	2061063	2061116	-	4	2	K.SGSQLTIPQQL LIPD TVR.K	22
PSTAT-3058	proteomics_stat	2061117	2061251	-	4	2	R.LVGQSFTVTVPDHNTQPLETFAAQYQGQLSNMLEANPGADVFLPK.S	49
PSTAT-3059	proteomics_stat	2061547	2061597	-	5	2	R.IALSHLGLEPYLNMEMR.L	21
PSTAT-3060	proteomics_stat	2077140	2077160	-	4	2	R.VDDYIIK.N	11
PSTAT-3061	proteomics_stat	2077140	2077178	-	4	4	K.GDYEDRVDDYIIK.N	17
PSTAT-3062	proteomics_stat	2077179	2077262	-	4	276	R.VLLLDNLSDYIKPGMSVEAIQGIISMK.G	32
PSTAT-3063	proteomics_stat	2077179	2077298	-	4	3	Q.DVEKKIRDNQKR VLLLDNLSDYIKPGMSVEAIQGIISMK.G	44

PSTAT-3064	proteomics_stat	2077284	2077307	-	4	4	R.EIQDVEKK.I	12
PSTAT-3065	proteomics_stat	2077287	2077307	-	4	5	R.EIQDVEK.K	11
PSTAT-3066	proteomics_stat	2077338	2077382	-	4	3	M.ETTKPSFQDVLEFVR.L	19
PSTAT-3067	proteomics_stat	2077338	2077385	-	4	32	K.METTKPSFQDVLEFVR.L	20
PSTAT-3068	proteomics_stat	2077338	2077388	-	4	3	I.KMETTKPSFQDVLEFVR.L	21
PSTAT-3069	proteomics_stat	2079101	2079151	-	6	3	K.EWVAVYYDNPDETPAEK.L	21
PSTAT-3070	proteomics_stat	2079206	2079253	-	6	6	R.TVAGFHVLGVPWEQTVK.K	20
PSTAT-3071	proteomics_stat	2079257	2079286	-	6	2	V.MNYEIKQEEK.R	14
PSTAT-3072	proteomics_stat	2086493	2086537	-	6	4	K.GGHIYNICAPAHPAR.N	19
PSTAT-3073	proteomics_stat	2086538	2086624	-	6	9	K.TAPDGEHGVLVHLEDVIGAITLLQLQPK.G	33
PSTAT-3074	proteomics_stat	2086652	2086678	-	6	2	R.LAGLVGPR.H	13
PSTAT-3075	proteomics_stat	2086781	2086834	-	6	2	R.IIFTSSTSVMYGDAGQGTVEK.E	22
PSTAT-3076	proteomics_stat	2086844	2086912	-	6	19	R.SGPGDEFYLAQVQELVDSALAH.R	27
PSTAT-3077	proteomics_stat	2086844	2086915	-	6	3	R.RSGPGDEFYLAQVQELVDSALAH.R	28
PSTAT-3078	proteomics_stat	2086847	2086912	-	6	2	R.SGPGDEFYLAQVQELVDSALAH.R	26
PSTAT-3079	proteomics_stat	2086916	2086999	-	6	5	R.MEPELVCDSDLDALMDADALVITLPAR.R	32
PSTAT-3080	proteomics_stat	2087030	2087059	-	6	2	K.TTQDGVAAAR.M	14
PSTAT-3081	proteomics_stat	2087060	2087083	-	6	2	R.GWQVTGSK.T	12
PSTAT-3082	proteomics_stat	2087084	2087143	-	6	5	K.VAIVGLGWLGMPLAMLSAR.G	24
PSTAT-3083	proteomics_stat	2095489	2095518	-	5	3	K.VDDLDIHAYR.Y	14
PSTAT-3084	proteomics_stat	2095489	2095548	-	5	12	R.QNLLDIESLKVDDLDIHAYR.Y	24
PSTAT-3085	proteomics_stat	2095549	2095599	-	5	3	K.HEATRPLVFPNYYQTR.Q	21
PSTAT-3086	proteomics_stat	2095600	2095701	-	5	2	N.QAQVTKPQIQQTGEDITQDTLFLLGSEALESMIK.H	38
PSTAT-3087	proteomics_stat	2095600	2095731	-	5	8	R.QIQEALQYANQAQVTKPQIQQTGEDITQDTLFLLGSEALESMIK.H	48
PSTAT-3088	proteomics_stat	2095747	2095776	-	5	10	R.TQEVVAQEQK.D	14
PSTAT-3089	proteomics_stat	2095801	2095830	-	5	3	K.DLKDNIALGR.K	14
PSTAT-3090	proteomics_stat	2095801	2095884	-	5	4	K.LAQYIQVDDKVNQELEKDLKDNIALGR.K	32
PSTAT-3091	proteomics_stat	2095822	2095884	-	5	2	K.LAQYIQVDDKVNQELEKDLK.D	25
PSTAT-3092	proteomics_stat	2095831	2095884	-	5	4	K.LAQYIQVDDKVNQELEK.D	22
PSTAT-3093	proteomics_stat	2095831	2095887	-	5	2	M.KLAQYIQVDDKVNQELEK.D	23
PSTAT-3094	proteomics_stat	2095978	2096031	-	5	5	R.FSSAFSALAEFLDNQEER.E	22
PSTAT-3095	proteomics_stat	2096032	2096064	-	5	3	K.VSDLQETLIGR.F	15
PSTAT-3096	proteomics_stat	2097889	2097927	-	5	6	R.IDKEGVFHTEWLD.-	17
PSTAT-3097	proteomics_stat	2097889	2097930	-	5	14	K.RIDKEGVFHTEWLD.-	18
PSTAT-3098	proteomics_stat	2097931	2097957	-	5	6	R.DYFGAHTYK.R	13
PSTAT-3099	proteomics_stat	2097958	2097996	-	5	16	R.AAVLPANLIQAQR.D	17
PSTAT-3100	proteomics_stat	2097997	2098077	-	5	89	R.DVVAVAVQNGIPVPTFSAAVAYYSYR.A	31
PSTAT-3101	proteomics_stat	2098078	2098110	-	5	4	K.QIADDYQQALR.D	15
PSTAT-3102	proteomics_stat	2098111	2098173	-	5	8	K.ITDAYAENPQIANLLLAPYFK.Q	25
PSTAT-3103	proteomics_stat	2098219	2098269	-	5	9	R.AASEEYNWDLNHYGEIAK.I	21
PSTAT-3104	proteomics_stat	2098270	2098302	-	5	3	I.VSYAQGFSQLR.A	15
PSTAT-3105	proteomics_stat	2098270	2098305	-	5	6	K.IVSYAQGFSQLR.A	16
PSTAT-3106	proteomics_stat	2098270	2098308	-	5	2	G.KIVSYAQGFSQLR.A	17
PSTAT-3107	proteomics_stat	2098333	2098389	-	5	9	K.VLSGPQAQPAGDKAEFIEK.V	23
PSTAT-3108	proteomics_stat	2098333	2098392	-	5	2	S.KVLSGPQAQPAGDKAEFIEK.V	24
PSTAT-3109	proteomics_stat	2098351	2098389	-	5	5	K.VLSGPQAQPAGDK.A	17

PSTAT-3110	proteomics_stat	2098351	2098401	-	5	2	V.AASKVLSGPQAQPAGDK.A	21
PSTAT-3111	proteomics_stat	2098405	2098428	-	5	3	Y.ISSLKDQR.V	12
PSTAT-3112	proteomics_stat	2098405	2098431	-	5	8	R.YISSLKDQR.V	13
PSTAT-3113	proteomics_stat	2098432	2098500	-	5	75	K.WTSQSALDLGEPLSLITESVFAR.Y	27
PSTAT-3114	proteomics_stat	2098501	2098569	-	5	10	K.KDEDGNYLVDVILDEAANKGTGK.W	27
PSTAT-3115	proteomics_stat	2098513	2098566	-	5	6	K.DEDGNYLVDVILDEAANK.G	22
PSTAT-3116	proteomics_stat	2098513	2098569	-	5	42	K.KDEDGNYLVDVILDEAANK.G	23
PSTAT-3117	proteomics_stat	2098513	2098584	-	5	13	K.DIFTKKDEDGNYLVDVILDEAANK.G	28
PSTAT-3118	proteomics_stat	2098513	2098596	-	5	5	I.DITKDIFTKKDEDGNYLVDVILDEAANK.G	32
PSTAT-3119	proteomics_stat	2098585	2098677	-	5	86	K.GGLNLTNEELAQTFTEWNNGELSSYLIDITK.D	35
PSTAT-3120	proteomics_stat	2098678	2098743	-	5	76	K.MVHNGIEYGDMQLIAEAYSLLK.G	26
PSTAT-3121	proteomics_stat	2098744	2098791	-	5	8	E.PCVTYIGADGAGHYVK.M	20
PSTAT-3122	proteomics_stat	2098744	2098818	-	5	19	K.IAAVAEDGEPVYTYIGADGAGHYVK.M	29
PSTAT-3123	proteomics_stat	2098753	2098818	-	5	2	K.IAAVAEDGEPVYTYIGADGAGH.Y	26
PSTAT-3124	proteomics_stat	2098819	2098854	-	5	12	K.EAYELVAPILTK.I	16
PSTAT-3125	proteomics_stat	2098855	2098953	-	5	14	R.ELSAEGFNFIGTGVSGGEEGALKGPSIMPGGQK.E	37
PSTAT-3126	proteomics_stat	2098855	2098959	-	5	20	R.NRELSAEGFNFIGTGVSGGEEGALKGPSIMPGGQK.E	39
PSTAT-3127	proteomics_stat	2098885	2098953	-	5	5	R.ELSAEGFNFIGTGVSGGEEGALK.G	27
PSTAT-3128	proteomics_stat	2098885	2098959	-	5	6	R.NRELSAEGFNFIGTGVSGGEEGALK.G	29
PSTAT-3129	proteomics_stat	2098960	2099067	-	5	19	K.AGAGTDAIDSCLKPYLDKGDIIIDGGNTFFQDTIRR.N	40
PSTAT-3130	proteomics_stat	2098963	2099067	-	5	29	K.AGAGTDAIDSCLKPYLDKGDIIIDGGNTFFQDTIRR.R	39
PSTAT-3131	proteomics_stat	2099014	2099067	-	5	2	K.AGAGTDAIDSCLKPYLDK.G	22
PSTAT-3132	proteomics_stat	2099089	2099118	-	5	3	K.EFVESLETPR.R	14
PSTAT-3133	proteomics_stat	2099143	2099178	-	5	14	K.TEEVIAENPGKK.L	16
PSTAT-3134	proteomics_stat	2099143	2099184	-	5	13	R.EKTEEVIAENPGKK.L	18
PSTAT-3135	proteomics_stat	2099146	2099178	-	5	4	K.TEEVIAENPGK.K	15
PSTAT-3136	proteomics_stat	2099146	2099184	-	5	7	R.EKTEEVIAENPGK.K	17
PSTAT-3137	proteomics_stat	2099191	2099217	-	5	2	R.GYTVSIFNR.S	13
PSTAT-3138	proteomics_stat	2099218	2099244	-	5	5	R.NLALNIESR.G	13
PSTAT-3139	proteomics_stat	2099245	2099283	-	5	10	K.QQIGVVGMAMVGR.N	17
PSTAT-3140	proteomics_stat	2099245	2099289	-	5	28	M.SKQQIGVVGMAMVGR.N	19
PSTAT-3141	proteomics_stat	2103617	2103655	-	6	2	K.IFDYLVSSDVEHR.D	17
PSTAT-3142	proteomics_stat	2103701	2103748	-	6	2	R.LATCDMVISHNPQMTK.Y	20
PSTAT-3143	proteomics_stat	2105334	2105360	-	4	2	R.EDKVIFGGR.L	13
PSTAT-3144	proteomics_stat	2105403	2105441	-	4	3	K.VGDEPYYPVNDNK.N	17
PSTAT-3145	proteomics_stat	2105481	2105504	-	4	3	K.HFDYVETK.H	12
PSTAT-3146	proteomics_stat	2105634	2105675	-	4	4	R.IIYTGPIQYFDYR.F	18
PSTAT-3147	proteomics_stat	2105685	2105729	-	4	3	K.LGIDFLKDKDSLASK.A	19
PSTAT-3148	proteomics_stat	2105907	2105975	-	4	8	K.VPENLEEQAISLVGEDLYQALIK.G	27
PSTAT-3149	proteomics_stat	2105907	2105987	-	4	29	K.YGDKVPENLEEQAISLVGEDLYQALIK.G	31
PSTAT-3150	proteomics_stat	2105907	2105990	-	4	15	K.KYGDKVPENLEEQAISLVGEDLYQALIK.G	32
PSTAT-3151	proteomics_stat	2105994	2106032	-	4	3	K.DPQEAQNIINAQK.K	17
PSTAT-3152	proteomics_stat	2106198	2106254	-	4	7	R.NHIGGNAYTEDCEGIQIHK.Y	23
PSTAT-3153	proteomics_stat	2108007	2108093	-	4	2	R.GFFYESFNQSAFEHILGYPVSFVQDNHSR.S	33
PSTAT-3154	proteomics_stat	2108234	2108263	-	6	6	R.KGFIDVEQVR.K	14
PSTAT-3155	proteomics_stat	2108306	2108383	-	6	9	R.GYAWLDTGTHQSLIEASNFIATIEER.Q	30

PSTAT-3156	proteomics_stat	2108429	2108458	-	6	2	R.GELEITDINR.I	14
PSTAT-3157	proteomics_stat	2108480	2108539	-	6	3	K.SNYAVTGLYFYDNDVVQMAK.N	24
PSTAT-3158	proteomics_stat	2108540	2108584	-	6	4	K.NGTAISLEEKPLEPK.S	19
PSTAT-3159	proteomics_stat	2108540	2108608	-	6	8	R.YGVVEFDKNGTAISLEEKPLEPK.S	27
PSTAT-3160	proteomics_stat	2108609	2108656	-	6	6	K.ESGATVFAYHVNDPER.Y	20
PSTAT-3161	proteomics_stat	2108801	2108854	-	6	3	R.FQQLLDGDSQWGLNLQYK.V	22
PSTAT-3162	proteomics_stat	2108894	2108965	-	6	4	K.QLLPIDKPMIYPLSTLMLAGIR.D	28
PSTAT-3163	proteomics_stat	2108996	2109028	-	6	3	K.GIILAGGSGTR.L	15
PSTAT-3164	proteomics_stat	2108996	2109028	-	6	3	K.GIILAGGSGTR.L	15
PSTAT-3165	proteomics_stat	2109140	2109190	-	6	2	K.FQQNFALVLPDWQVGVK.R	21
PSTAT-3166	proteomics_stat	2109224	2109265	-	6	4	K.LNAVPTTAYPTPAR.R	18
PSTAT-3167	proteomics_stat	2109731	2109847	-	6	7	R.SIRPDIIVNAAAHTAVDKAESEPEFAQLINATSVEIAIK.A	43
PSTAT-3168	proteomics_stat	2109794	2109847	-	6	5	R.SIRPDIIVNAAAHTAVDK.A	22
PSTAT-3169	proteomics_stat	2109848	2109946	-	6	3	R.ALAPLGNLIAFDVHSTDYCGDFSNPEGVAETVR.S	37
PSTAT-3170	proteomics_stat	2109947	2109976	-	6	2	K.TGQVGWELQR.A	14
PSTAT-3171	proteomics_stat	2110003	2110050	-	5	2	K.SGAYQSWIEQNYEGRQ.-	20
PSTAT-3172	proteomics_stat	2110006	2110050	-	5	2	K.SGAYQSWIEQNYEGR.Q	19
PSTAT-3173	proteomics_stat	2110099	2110146	-	5	3	R.ALGWKPQETFESGIRK.T	20
PSTAT-3174	proteomics_stat	2110102	2110146	-	5	3	R.ALGWKPQETFESGIR.K	19
PSTAT-3175	proteomics_stat	2110294	2110332	-	5	8	K.AGETYNIGGHNEK.K	17
PSTAT-3176	proteomics_stat	2110363	2110392	-	5	2	R.DWLYVEDHAR.A	14
PSTAT-3177	proteomics_stat	2110363	2110392	-	5	2	R.DWLYVEDHAR.A	14
PSTAT-3178	proteomics_stat	2110363	2110407	-	5	5	K.GDQIRDWLYVEDHAR.A	19
PSTAT-3179	proteomics_stat	2110429	2110467	-	5	4	K.LIPLVILNALEGK.A	17
PSTAT-3180	proteomics_stat	2110549	2110572	-	5	4	K.ASSDHLVR.A	12
PSTAT-3181	proteomics_stat	2110549	2110572	-	5	4	K.ASSDHLVR.A	12
PSTAT-3182	proteomics_stat	2110573	2110704	-	5	4	R.FHHISTDEVYDGLPHDPDEVNTEELPLFTETTAYAPSSPYSASK.A	48
PSTAT-3183	proteomics_stat	2110717	2110749	-	5	4	R.NYWSALDSDKK.N	15
PSTAT-3184	proteomics_stat	2110750	2110821	-	5	20	R.SITGPAFIETNIVGTYVLLEAAR.N	28
PSTAT-3185	proteomics_stat	2110822	2110884	-	5	9	R.IFAQHQPDVAMHLLAAESHVDR.S	25
PSTAT-3186	proteomics_stat	2110885	2110932	-	5	4	R.YVFEHADICDAPAMAR.I	20
PSTAT-3187	proteomics_stat	2110933	2110965	-	5	7	R.ESLADVSDSER.Y	15
PSTAT-3188	proteomics_stat	2110966	2111031	-	5	13	R.HIINNTQDSVVNVDKLTYAGNR.E	26
PSTAT-3189	proteomics_stat	2110987	2111031	-	5	9	R.HIINNTQDSVVNVDK.L	19
PSTAT-3190	proteomics_stat	2111554	2111610	-	5	10	K.KQSVDAAMLTGDSYDCGKK.M	23
PSTAT-3191	proteomics_stat	2111611	2111646	-	5	3	R.IQLTDAIAELAK.K	16
PSTAT-3192	proteomics_stat	2111671	2111709	-	5	3	R.YVLSADIWPELER.T	17
PSTAT-3193	proteomics_stat	2111710	2111778	-	5	11	R.IVEFIEKPDQPQTLDSDIMAVGR.Y	27
PSTAT-3194	proteomics_stat	2111812	2111853	-	5	7	R.MPGDLSEYSVIQTK.E	18
PSTAT-3195	proteomics_stat	2111812	2111856	-	5	7	K.RMPGDLSEYSVIQTK.E	19
PSTAT-3196	proteomics_stat	2111893	2111919	-	5	2	R.YNLAAMIAR.F	13
PSTAT-3197	proteomics_stat	2111920	2111955	-	5	2	D.VVIDDASADPLR.Y	16
PSTAT-3198	proteomics_stat	2111920	2111991	-	5	2	A.IGDNPFFVVLPDVVIDDASADPLR.Y	28
PSTAT-3199	proteomics_stat	2111920	2111997	-	5	13	R.PAIGDNPFFVVLPDVVIDDASADPLR.Y	30
PSTAT-3200	proteomics_stat	2111998	2112042	-	5	7	R.QGEPLGLGHSILCAR.P	19
PSTAT-3201	proteomics_stat	2112043	2112105	-	5	2	K.RQLLAEVQSICPPGVTIMNVR.Q	25

PSTAT-3202	proteomics_stat	2112112	2112171	-	5	7	K.NAVENHFDTSEYELSLLEQR.V	24
PSTAT-3203	proteomics_stat	2112172	2112201	-	5	4	K.EILLVTHASK.N	14
PSTAT-3204	proteomics_stat	2112202	2112273	-	5	12	K.EMLPIVDKPMIQQYIVDEIVAAGIK.E	28
PSTAT-3205	proteomics_stat	2112286	2112336	-	5	9	K.AVIPVAGLGMHMLPATK.A	21
PSTAT-3206	proteomics_stat	2138209	2138256	-	5	4	R.MEGMNFQQMIQQAVER.N	20
PSTAT-3207	proteomics_stat	2139088	2139117	-	5	2	R.LQMEQDPQHR.G	14
PSTAT-3208	proteomics_stat	2139331	2139378	-	5	2	R.LDVALLPLLSHQLSVK.Q	20
PSTAT-3209	proteomics_stat	2139394	2139435	-	5	2	R.MSLTAQGASQPLVR.A	18
PSTAT-3210	proteomics_stat	2140039	2140065	-	5	2	K.DEVSAALDR.V	13
PSTAT-3211	proteomics_stat	2140039	2140104	-	5	7	R.GHTAAFIDLSGPKDEVSAALDR.V	26
PSTAT-3212	proteomics_stat	2140421	2140462	-	6	2	K.TVRPMFLQFIEPSK.Q	18
PSTAT-3213	proteomics_stat	2140637	2140666	-	6	5	R.MKETVTVEPK.K	14
PSTAT-3214	proteomics_stat	2140718	2140783	-	6	7	K.TNYDHPSAMDHSLLEHLQALK.R	26
PSTAT-3215	proteomics_stat	2140730	2140819	-	6	2	K.DQSHLSMEERVKTNYDHPSAMDHSLLEHL.Q	34
PSTAT-3216	proteomics_stat	2140883	2140909	-	6	2	K.SLIASTLYR.E	13
PSTAT-3217	proteomics_stat	2155438	2155488	-	5	9	R.HADPQTAGAVAINIDIR.H	21
PSTAT-3218	proteomics_stat	2155854	2155925	-	4	10	S.TIYIATTAATISQTVLPSADWKAR.V	28
PSTAT-3219	proteomics_stat	2160592	2160636	-	5	3	V.REIFQRQGVHGGETR.R	19
PSTAT-3220	proteomics_stat	2166094	2166129	-	5	3	K.NDATHFCVTVQGK.K	16
PSTAT-3221	proteomics_stat	2169938	2169970	-	6	3	R.KLSLEPLIAHR.G	15
PSTAT-3222	proteomics_stat	2172328	2172402	-	5	30	R.SFGDIPLVHGMPPFISGIGIEALQNK.I	29
PSTAT-3223	proteomics_stat	2172412	2172468	-	5	2	R.VNEIETYMDGVHLICTTAK.V	23
PSTAT-3224	proteomics_stat	2172643	2172714	-	5	3	K.LQQPDIVETLITLPETQLKEYFTK.Y	28
PSTAT-3225	proteomics_stat	2172658	2172714	-	5	7	K.LQQPDIVETLITLPETQLK.E	23
PSTAT-3226	proteomics_stat	2172829	2172864	-	5	3	K.SSAIYLLRPTNK.V	16
PSTAT-3227	proteomics_stat	2172865	2172942	-	5	7	R.EAEFPTGIMLEQHAIAIPHCEAIHAK.S	30
PSTAT-3228	proteomics_stat	2172943	2172984	-	5	9	K.GVVHDTWPQALIAR.E	18
PSTAT-3229	proteomics_stat	2173552	2173590	-	5	2	R.MVYEAHSTDYQTR.T	17
PSTAT-3230	proteomics_stat	2174029	2174100	-	5	2	R.IILGGDHLGPNCWQQENADAAMEK.S	28
PSTAT-3231	proteomics_stat	2174378	2174407	-	6	2	K.VIADCGCEGR.A	14
PSTAT-3232	proteomics_stat	2174435	2174455	-	6	4	R.DYLQSAK.S	11
PSTAT-3233	proteomics_stat	2174456	2174494	-	6	6	K.NYLTEHPEATDPR.D	17
PSTAT-3234	proteomics_stat	2174495	2174518	-	6	3	K.NAFSQALK.N	12
PSTAT-3235	proteomics_stat	2174519	2174542	-	6	3	K.INVATELK.N	12
PSTAT-3236	proteomics_stat	2174579	2174617	-	6	3	L.PLVLHGASGLSTK.D	17
PSTAT-3237	proteomics_stat	2174579	2174632	-	6	21	R.QVWNPLPLVHGASGLSTK.D	22
PSTAT-3238	proteomics_stat	2174648	2174743	-	6	59	R.EFAEATGIDSLAVAIGTAHGMYSAPALDFSR.L	36
PSTAT-3239	proteomics_stat	2174744	2174848	-	6	111	R.FDVSVAEELGQLGGQEDDVQVNEADALYTNPAQAR.E	39
PSTAT-3240	proteomics_stat	2174879	2174929	-	6	11	R.SVMIDASHLPFAQNISR.V	21
PSTAT-3241	proteomics_stat	2174948	2174968	-	6	3	K.FDDIAQK.V	11
PSTAT-3242	proteomics_stat	2175549	2175587	-	4	6	K.LINAVQDVYLDK.I	17
PSTAT-3243	proteomics_stat	2175624	2175653	-	4	3	R.AGGMGLILGR.K	14
PSTAT-3244	proteomics_stat	2175675	2175737	-	4	23	R.AGLINSGGAAGGETDLSDAVR.T	25
PSTAT-3245	proteomics_stat	2175675	2175761	-	4	4	Q.LANCYMGRAGLINSNGGAAGGETDLSDAVR.T	33
PSTAT-3246	proteomics_stat	2175738	2175767	-	4	4	R.YQLANCYMGR.A	14
PSTAT-3247	proteomics_stat	2175768	2175800	-	4	3	K.LTSENPIDLVR.Y	15

PSTAT-3248	proteomics_stat	2175801	2175842	-	4	3	K.AINYGYTDDRVSYSK.L	18
PSTAT-3249	proteomics_stat	2175843	2175869	-	4	15	K.MAENGGYK.A	13
PSTAT-3250	proteomics_stat	2176023	2176058	-	4	4	R.RQIEEISAAFER.A	16
PSTAT-3251	proteomics_stat	2176224	2176301	-	4	7	K.NIVELAIEAGCNCVASTYGVLASVSR.R	30
PSTAT-3252	proteomics_stat	2176302	2176403	-	4	7	R.LAGTGYSILPVDQGVHSAGASFAANPLYFDPK.N	38
PSTAT-3253	proteomics_stat	2176404	2176433	-	4	7	R.NMQTLYNTGR.L	14
PSTAT-3254	proteomics_stat	2176473	2176529	-	4	2	R.CMTIPSDQLYLPGHYVDR.V	23
PSTAT-3255	proteomics_stat	2176530	2176556	-	4	2	K.DADNLLQHR.C	13
PSTAT-3256	proteomics_stat	2176533	2176556	-	4	2	K.DADNLLQH.R	12
PSTAT-3257	proteomics_stat	2176557	2176583	-	4	4	M.TDIAQLLKG.D	13
PSTAT-3258	proteomics_stat	2180651	2180692	-	6	2	R.SGVLEHGNILPGER.D	18
PSTAT-3259	proteomics_stat	2181828	2181863	-	4	4	R.HTNWADTVQEAK.S	16
PSTAT-3260	proteomics_stat	2181963	2182010	-	4	4	K.GGHLDDDEQSPDWLFTR.E	20
PSTAT-3261	proteomics_stat	2182080	2182154	-	4	2	R.LLPQVSLITPNLPEAAALLDAPHAR.T	29
PSTAT-3262	proteomics_stat	2182206	2182250	-	4	5	R.YQIQNVVLDVTMLAK.S	19
PSTAT-3263	proteomics_stat	2182323	2182376	-	4	8	R.IEPDFVAAQLDSVFSVDR.I	22
PSTAT-3264	proteomics_stat	2182464	2182529	-	4	2	R.INALTIAGTDPSSGGAGIQADLK.T	26
PSTAT-3265	proteomics_stat	2182739	2182777	-	6	5	R.IIGIHGGDPLMTK.V	17
PSTAT-3266	proteomics_stat	2182838	2182897	-	6	4	R.GVDTTDAANAIPAAQTLAR.E	24
PSTAT-3267	proteomics_stat	2182898	2182948	-	6	3	R.GNASEIMALAGIANGGR.G	21
PSTAT-3268	proteomics_stat	2182997	2183053	-	6	3	K.SSQTPWTLDPVAVGALDYR.R	23
PSTAT-3269	proteomics_stat	2183600	2183644	-	6	2	K.GHLTEHIVHQGDELK.R	19
PSTAT-3270	proteomics_stat	2191090	2191146	-	5	2	R.VAAQLYWQGEVIPGEISFR.A	23
PSTAT-3271	proteomics_stat	2191162	2191215	-	5	3	K.GTPTVISRPESEFTAIYR.Q	22
PSTAT-3272	proteomics_stat	2191231	2191278	-	5	4	K.YHTQLLQGMPLHISLR.E	20
PSTAT-3273	proteomics_stat	2191237	2191278	-	5	2	K.YHTQLLQGMPLHIS.L	18
PSTAT-3274	proteomics_stat	2191777	2191827	-	5	7	K.SSTAVNLALALAAEGAK.V	21
PSTAT-3275	proteomics_stat	2192101	2192148	-	5	12	R.AMVAGTLANFQHPTLK.H	20
PSTAT-3276	proteomics_stat	2216631	2216681	-	4	2	K.TLQQNLASIAVEGLDAK.K	21
PSTAT-3277	proteomics_stat	2217048	2217080	-	4	3	K.NKLTSLADLSR.Y	15
PSTAT-3278	proteomics_stat	2217330	2217383	-	4	2	L.GNIIQLVLESHGVPTVVK.V	22
PSTAT-3279	proteomics_stat	2217330	2217407	-	4	13	K.IDTEGALLGNIIQLVLESHGVPTVVK.V	30
PSTAT-3280	proteomics_stat	2217744	2217797	-	4	2	K.YDAEPGKFNVFITDSAR.V	22
PSTAT-3281	proteomics_stat	2217969	2218007	-	4	2	K.VTASVQVTNTGKR.E	17
PSTAT-3282	proteomics_stat	2218566	2218607	-	4	2	K.GIIDFLNQYEEAVK.V	18
PSTAT-3283	proteomics_stat	2218566	2218631	-	4	2	K.GANVTSKGIIDFLNQYEEAVK.V	26
PSTAT-3284	proteomics_stat	2218869	2218895	-	4	2	D.PVDTNAESR.L	13
PSTAT-3285	proteomics_stat	2218869	2218904	-	4	4	K.ESDPVDTNAESR.L	16
PSTAT-3286	proteomics_stat	2218905	2218952	-	4	4	K.YDMGLFNDPYSHLGPK.E	20
PSTAT-3287	proteomics_stat	2219088	2219123	-	4	7	K.HGTAADPEDAVR.V	16
PSTAT-3288	proteomics_stat	2219136	2219168	-	4	5	K.GITVSDHGAIK.E	15
PSTAT-3289	proteomics_stat	2219199	2219288	-	4	4	K.AGLDAGSGAVMVALNSLNGTPATSDSWLLK.D	34
PSTAT-3290	proteomics_stat	2219352	2219387	-	4	6	K.HFAAYGAVEGGK.E	16
PSTAT-3291	proteomics_stat	2219604	2219660	-	4	12	R.TVFPISLGLASSFNLDVVK.T	23
PSTAT-3292	proteomics_stat	2219661	2219702	-	4	4	K.IPLFFAYDVLHGQR.T	18
PSTAT-3293	proteomics_stat	2219661	2219708	-	4	2	R.LKIPLFFAYDVLHGQR.T	20

PSTAT-3294	proteomics_stat	2219754	2219792	-	4	2	K.DGQVGAIFNTVTR.Q	17
PSTAT-3295	proteomics_stat	2219910	2219951	-	4	3	A.DDLFGNHPLTPEAR.D	18
PSTAT-3296	proteomics_stat	2223615	2223650	-	4	3	M.SHVWGLFSHPDR.E	16
PSTAT-3297	proteomics_stat	2223914	2223997	-	6	2	R.APGRQSCRQAPQKVPAGTLIAPDAPQR.L	32
PSTAT-3298	proteomics_stat	2224822	2224890	-	5	5	R.IINITSVHEHTPLPDASAYTAAK.H	27
PSTAT-3299	proteomics_stat	2224975	2225013	-	5	2	K.APFLDMAFDEWRK.I	17
PSTAT-3300	proteomics_stat	2236271	2236336	-	6	2	K.QINNHANEAINHGFALVTEER.R	26
PSTAT-3301	proteomics_stat	2236505	2236552	-	6	2	R.FPDKENKPGEVILEVR.N	20
PSTAT-3302	proteomics_stat	2237249	2237308	-	6	2	M.VSSTTPSSGEYLLEMSGINK.S	24
PSTAT-3303	proteomics_stat	2237375	2237425	-	6	5	R.VPYVGVDDKDNLAEFSK.-	21
PSTAT-3304	proteomics_stat	2237378	2237425	-	6	5	R.VPYVGVDDKDNLAEFSK.K	20
PSTAT-3305	proteomics_stat	2237447	2237491	-	6	2	K.NLADGKGAADGTNWK.I	19
PSTAT-3306	proteomics_stat	2237513	2237563	-	6	9	K.SGALAGTVLNDANNQAK.A	21
PSTAT-3307	proteomics_stat	2237564	2237620	-	6	13	K.SSIPVFGVDALPEALALVK.S	23
PSTAT-3308	proteomics_stat	2237693	2237734	-	6	3	K.DKMDAWLSGPNANK.I	18
PSTAT-3309	proteomics_stat	2237735	2237785	-	6	6	K.TEQLQDAMWDTAQAK.D	21
PSTAT-3310	proteomics_stat	2237828	2237860	-	6	3	K.GEPGHPDAEAR.T	15
PSTAT-3311	proteomics_stat	2237861	2237890	-	6	3	K.DGQIQFVLLK.G	14
PSTAT-3312	proteomics_stat	2237861	2237926	-	6	17	K.HWAANQGWDLNKDGQIQFVLLK.G	26
PSTAT-3313	proteomics_stat	2237891	2237926	-	6	4	K.HWAANQGWDLNK.D	16
PSTAT-3314	proteomics_stat	2237963	2237989	-	6	2	K.AYYVGTDSK.E	13
PSTAT-3315	proteomics_stat	2237990	2238013	-	6	6	R.KALDSYDK.A	12
PSTAT-3316	proteomics_stat	2238014	2238058	-	6	6	R.GQNVPPVFFNKEPSR.K	19
PSTAT-3317	proteomics_stat	2238065	2238094	-	6	2	D.PAAAGTVIEK.A	14
PSTAT-3318	proteomics_stat	2238065	2238118	-	6	5	K.ALAIDLVDPAAGTVIEK.A	22
PSTAT-3319	proteomics_stat	2238128	2238214	-	6	2	K.AAPDVQLLMNDSQNDQSKQNDQIDVLLAK.G	33
PSTAT-3320	proteomics_stat	2238161	2238214	-	6	8	K.AAPDVQLLMNDSQNDQSK.Q	22
PSTAT-3321	proteomics_stat	2241060	2241107	-	4	6	R.DATSATTTTSLGGLFK.S	20
PSTAT-3322	proteomics_stat	2241312	2241365	-	4	2	R.DITLSTCEHHFVTIDGK.A	22
PSTAT-3323	proteomics_stat	2241417	2241467	-	4	13	K.MYVDEIFSGLDYANFPK.I	21
PSTAT-3324	proteomics_stat	2241567	2241620	-	4	5	R.GLETPLRPPVHEMDNETR.K	22
PSTAT-3325	proteomics_stat	2241621	2241656	-	4	5	K.EAALVHEALVAR.G	16
PSTAT-3326	proteomics_stat	2243724	2243774	-	4	2	R.HDKLSDAVNLTGGTSSK.T	21
PSTAT-3327	proteomics_stat	2243775	2243831	-	4	2	K.YTLPLTAINQFLTVGGWR.H	23
PSTAT-3328	proteomics_stat	2243832	2243897	-	4	2	K.VENKNPGNSSPITSESNTVDGK.Y	26
PSTAT-3329	proteomics_stat	2244108	2244155	-	4	2	K.DDPQNSTTTDTGETPR.I	20
PSTAT-3330	proteomics_stat	2244186	2244257	-	4	2	R.DRGDTYNGQFFTSGLPIDGLGMK.A	28
PSTAT-3331	proteomics_stat	2247068	2247115	-	6	2	R.GPVTLEQLAAAPWILR.E	20
PSTAT-3332	proteomics_stat	2247311	2247364	-	6	2	R.IYASSTIGNYILPAVIAR.Y	22
PSTAT-3333	proteomics_stat	2247386	2247433	-	6	7	R.ALALLEQAVEIEQLFR.E	20
PSTAT-3334	proteomics_stat	2258800	2258838	-	5	4	K.AVAEATPYEPAGK.A	17
PSTAT-3335	proteomics_stat	2258911	2259006	-	5	26	R.GSVGAGNAITPEEVAAADLVIVAADIEVDLAK.F	36
PSTAT-3336	proteomics_stat	2259121	2259186	-	5	5	K.GHAKPYTAPVAATAPVAASGPK.R	26
PSTAT-3337	proteomics_stat	2259187	2259225	-	5	6	R.AVAHPELFLSEAK.G	17
PSTAT-3338	proteomics_stat	2259253	2259339	-	5	9	K.LEIIDNPDAEMAIVLGDIPNDSALNGK.N	33
PSTAT-3339	proteomics_stat	2260028	2260090	-	6	2	K.DGEVTDNFNSGFEVTPADWER.F	25

PSTAT-3340	proteomics_stat	2260313	2260375	-	6	2	R.VATITLNPAYDLVGFCEIER.G	25
PSTAT-3341	proteomics_stat	2260432	2260470	-	5	2	R.FTAQGADAEQALK.A	17
PSTAT-3342	proteomics_stat	2260768	2260860	-	5	2	R.AANAFDVDGETAAMLVSVAMNDDQPIAVLKR.L	35
PSTAT-3343	proteomics_stat	2260771	2260860	-	5	3	R.AANAFDVDGETAAMLVSVAMNDDQPIAVLK.R	34
PSTAT-3344	proteomics_stat	2261314	2261379	-	5	3	R.EQQTSTFLGNIAIPHGTTDTR.D	26
PSTAT-3345	proteomics_stat	2261380	2261448	-	5	4	R.QVAAALVQAGNVAEGYVNGMLAR.E	27
PSTAT-3346	proteomics_stat	2261476	2261517	-	5	6	T.MFQLSVQDIHPGEK.A	18
PSTAT-3347	proteomics_stat	2269478	2269537	-	6	3	R.GAYVRSSGNSRAGQRQFHSC.R	24
PSTAT-3348	proteomics_stat	2276080	2276124	-	5	2	K.LLSPDGDNAWSVMYK.L	19
PSTAT-3349	proteomics_stat	2277981	2278055	-	4	6	K.GVQLHNEKDLTKPAVLEVITPTQVR.L	29
PSTAT-3350	proteomics_stat	2278056	2278115	-	4	2	K.TYLVLTLESPVADDTAEQFAK.G	24
PSTAT-3351	proteomics_stat	2278149	2278205	-	4	4	R.LDIDTTGLVLMTDDGQWSH.R	23
PSTAT-3352	proteomics_stat	2278323	2278385	-	4	6	K.LLPEHDVAYDGNPLAQQHGPR.Y	25
PSTAT-3353	proteomics_stat	2281058	2281117	-	6	25	K.FAGSGGGLTINFDAMLLGER.I	24
PSTAT-3354	proteomics_stat	2281142	2281177	-	6	2	K.GYELEESFPADR.S	16
PSTAT-3355	proteomics_stat	2281322	2281372	-	6	3	R.GLLQAVDDFTAEQQLDK.A	21
PSTAT-3356	proteomics_stat	2281385	2281438	-	6	11	K.VADFFMDFLGASEGLNAK.A	22
PSTAT-3357	proteomics_stat	2281385	2281441	-	6	7	R.KVADFFMDFLGASEGLNAK.A	23
PSTAT-3358	proteomics_stat	2281517	2281585	-	6	3	R.VNENLDINPTHYLDINHADIVAR.I	27
PSTAT-3359	proteomics_stat	2281766	2281813	-	6	3	K.AYGLFSESELAQTLR.L	20
PSTAT-3360	proteomics_stat	2281835	2281891	-	6	3	R.DSILLEPTETVEMVAELHR.V	23
PSTAT-3361	proteomics_stat	2281892	2281924	-	6	2	K.RDEQNLELVLR.D	15
PSTAT-3362	proteomics_stat	2281925	2281966	-	6	3	M.SLDINQIALHQLIK.R	18
PSTAT-3363	proteomics_stat	2284404	2284454	-	4	2	R.IAVEYSGGCGLDVLITE.N	21
PSTAT-3364	proteomics_stat	2295454	2295525	-	5	2	R.LLTGLSRPDAGEVLWQGPLHQVR.D	28
PSTAT-3365	proteomics_stat	2305033	2305068	-	5	3	R.NGQSELTEGGER.D	16
PSTAT-3366	proteomics_stat	2305135	2305179	-	5	2	R.EFYQVLLPLMQEMGK.T	19
PSTAT-3367	proteomics_stat	2305660	2305713	-	5	2	K.AEFPRPQAFPNWQTLELR.N	22
PSTAT-3368	proteomics_stat	2310031	2310105	-	5	4	K.RTDAQNTAAAYIGNGDRAETYTGGLK.Y	29
PSTAT-3369	proteomics_stat	2310058	2310102	-	5	2	R.TDAQNTAAAYIGNGDR.A	19
PSTAT-3370	proteomics_stat	2310058	2310105	-	5	4	K.RTDAQNTAAAYIGNGDR.A	20
PSTAT-3371	proteomics_stat	2310199	2310252	-	5	5	K.NGNPSGEGFTSGVTNNGR.D	22
PSTAT-3372	proteomics_stat	2310598	2310660	-	5	2	K.VDGLHYFSDNKDVDGDQTYMR.L	25
PSTAT-3373	proteomics_stat	2316339	2316380	-	4	2	R.LVTAMNNSSSLLK.I	18
PSTAT-3374	proteomics_stat	2316702	2316767	-	4	2	D.GVNILSNELAHTYLNMLTHEDR.Q	26
PSTAT-3375	proteomics_stat	2329257	2329349	-	4	2	V.MLGGGDNALMLPEQASNIRLQSSETPQEIFR.N	35
PSTAT-3376	proteomics_stat	2334929	2334964	-	6	4	R.TAEDENVVGLQR.V	16
PSTAT-3377	proteomics_stat	2335151	2335177	-	6	4	R.TAVAEYPTK.S	13
PSTAT-3378	proteomics_stat	2335178	2335225	-	6	3	R.GDGAILTATQNGYGKR.T	20
PSTAT-3379	proteomics_stat	2335181	2335225	-	6	5	R.GDGAILTATQNGYGK.R	19
PSTAT-3380	proteomics_stat	2335226	2335249	-	6	3	K.VVSLIVPR.G	12
PSTAT-3381	proteomics_stat	2335226	2335267	-	6	8	R.LGEGDKVVSLIVPR.G	18
PSTAT-3382	proteomics_stat	2335508	2335552	-	6	2	R.ITAILPVTEFEEGVK.V	19
PSTAT-3383	proteomics_stat	2335553	2335597	-	6	12	R.GRPVIVNLLPLEQDER.I	19
PSTAT-3384	proteomics_stat	2335655	2335702	-	6	11	R.LLVANTHDHILCFSSR.G	20
PSTAT-3385	proteomics_stat	2335703	2335729	-	6	4	R.IKEEDFIDR.L	13



PSTAT-3386	proteomics_stat	2335793	2335888	-	6	9	R.TEITANSADINLEDLITQEDVVVTLSHQGYVK.Y	36
PSTAT-3387	proteomics_stat	2336057	2336110	-	6	6	R.DGLYYLTEQQAAILDLR.L	22
PSTAT-3388	proteomics_stat	2336111	2336164	-	6	3	R.AGDDAARPEWLEPEFGVR.D	22
PSTAT-3389	proteomics_stat	2336165	2336221	-	6	6	K.TALVANPWQLGNVAAMLER.A	23
PSTAT-3390	proteomics_stat	2336375	2336413	-	6	2	K.IMNLKDIIAAFVR.H	17
PSTAT-3391	proteomics_stat	2336537	2336587	-	6	3	R.VEGISALRDESDKDGMR.I	21
PSTAT-3392	proteomics_stat	2336633	2336674	-	6	3	R.ETIIVHEIPYQVNK.A	18
PSTAT-3393	proteomics_stat	2336684	2336707	-	6	2	R.AEVEVDAK.T	12
PSTAT-3394	proteomics_stat	2336741	2336764	-	6	3	R.RGIEEAYR.T	12
PSTAT-3395	proteomics_stat	2336957	2337055	-	6	5	K.IAHELMADLEKETVDFVDNYDGTEKIPDVMPTK.I	37
PSTAT-3396	proteomics_stat	2336981	2337055	-	6	4	K.IAHELMADLEKETVDFVDNYDGTEK.I	29
PSTAT-3397	proteomics_stat	2337023	2337055	-	6	6	K.IAHELMADLEK.E	15
PSTAT-3398	proteomics_stat	2337080	2337145	-	6	4	R.YMLVDGQGNFGSIDGDSAAAMR.Y	26
PSTAT-3399	proteomics_stat	2337170	2337214	-	6	2	K.YHPHGDSAVYDTIVR.M	19
PSTAT-3400	proteomics_stat	2337260	2337301	-	6	4	R.VLYAMNVLGNDWNK.A	18
PSTAT-3401	proteomics_stat	2337389	2337424	-	6	2	R.EITPVNIEEELK.S	16
PSTAT-3402	proteomics_stat	2338906	2338965	-	5	4	R.SKGPGWIAGCNTRGLAMMFP.N	24
PSTAT-3403	proteomics_stat	2348023	2348085	-	5	3	R.SDKLPEYTPDVNQLYDALYNK.A	25
PSTAT-3404	proteomics_stat	2348113	2348148	-	5	2	K.LTGMVQDAQQNK.L	16
PSTAT-3405	proteomics_stat	2348149	2348229	-	5	3	K.QVAEYADGIGPDYHMLIEETSQPGNIK.L	31
PSTAT-3406	proteomics_stat	2348422	2348448	-	5	2	K.YGYTGKDDK.V	13
PSTAT-3407	proteomics_stat	2348542	2348601	-	5	7	R.VHTFEEIEFVQGLNHSTGK.N	24
PSTAT-3408	proteomics_stat	2360954	2360992	-	6	2	K.LTGPASEQQAMEK.L	17
PSTAT-3409	proteomics_stat	2361362	2361397	-	6	2	K.GEGLVLHEAWLK.E	16
PSTAT-3410	proteomics_stat	2361491	2361535	-	6	2	R.NTVGDNLDDLVTILR.E	19
PSTAT-3411	proteomics_stat	2361491	2361538	-	6	2	R.RNTVGDNLDDLVTILR.E	20
PSTAT-3412	proteomics_stat	2361839	2361880	-	6	3	R.YTIMRPVSI EAGYR.Y	18
PSTAT-3413	proteomics_stat	2371387	2371437	-	5	2	K.VGDLLSPLQNALYCINR.E	21
PSTAT-3414	proteomics_stat	2373031	2373081	-	5	3	R.RWPGSTLPVVEVDALER.L	21
PSTAT-3415	proteomics_stat	2374041	2374142	-	4	6	K.AALNADCDGQAGLQELAGNATMLFYMTEEGQEGR.N	38
PSTAT-3416	proteomics_stat	2374194	2374262	-	4	6	K.QALDMGLVNTVVPLADLEKETVR.W	27
PSTAT-3417	proteomics_stat	2374206	2374262	-	4	3	K.QALDMGLVNTVVPLADLEK.E	23
PSTAT-3418	proteomics_stat	2374503	2374547	-	4	2	K.DDSGVHHLNVLDFQR.Q	19
PSTAT-3419	proteomics_stat	2374503	2374568	-	4	11	R.GDYGGYKDDSGVHHLNVLDFQR.Q	26
PSTAT-3420	proteomics_stat	2374575	2374601	-	4	3	K.AFCSGGDQK.V	13
PSTAT-3421	proteomics_stat	2374602	2374649	-	4	5	R.YDDNIGVIIITGAGDK.A	20
PSTAT-3422	proteomics_stat	2374764	2374841	-	4	2	N.MIYPDEAMLYAPVEWHDCSEGFEDIR.Y	30
PSTAT-3423	proteomics_stat	2377616	2377642	-	6	2	P.TAAVAGLPR.D	13
PSTAT-3424	proteomics_stat	2378858	2378890	-	6	5	R.VSQASDSYYYR.A	15
PSTAT-3425	proteomics_stat	2378894	2378914	-	6	2	K.ALDDVKK.R	11
PSTAT-3426	proteomics_stat	2378930	2378971	-	6	5	R.SSGDPADQKYVELK.A	18
PSTAT-3427	proteomics_stat	2378972	2379019	-	6	4	I.DDDLTLSETLEEVL.R.S	20
PSTAT-3428	proteomics_stat	2378972	2379022	-	6	202	R.IDDDLTLSETLEEVL.R.S	21
PSTAT-3429	proteomics_stat	2378972	2379046	-	6	13	M.SNQFGDTRIDDLTLSETLEEVL.R.S	29
PSTAT-3430	proteomics_stat	2379023	2379046	-	6	2	M.SNQFGDTR.I	12
PSTAT-3431	proteomics_stat	2388370	2388438	-	5	2	R.GLFWHRPILAAVMTVMMLSLAGI.P	27

PSTAT-3432	proteomics_stat	2393068	2393106	-	5	4	R.QNLNIDSVSEMRG.-	17
PSTAT-3433	proteomics_stat	2393406	2393429	-	4	2	R.AGEVLSNR.K	12
PSTAT-3434	proteomics_stat	2393945	2393989	-	6	8	K.DKGEAENEAKPIDVK.S	19
PSTAT-3435	proteomics_stat	2393945	2394016	-	6	3	R.MAGMAIDGKDKGEAENEAKPIDVK.S	28
PSTAT-3436	proteomics_stat	2393990	2394016	-	6	2	R.MAGMAIDGK.D	13
PSTAT-3437	proteomics_stat	2394017	2394091	-	6	3	R.QDLVYEKEDLLISGPGKYPEYNFYR.M	29
PSTAT-3438	proteomics_stat	2394017	2394094	-	6	7	K.RQDLVYEKEDLLISGPGKYPEYNFYR.M	30
PSTAT-3439	proteomics_stat	2394041	2394094	-	6	8	K.RQDLVYEKEDLLISGPGK.Y	22
PSTAT-3440	proteomics_stat	2395476	2395616	-	4	9	R.VSFSYDGNVTVLPVEIAEGLTAGQVGLPMGMSGIAPVLAGAHLEDLK.E	51
PSTAT-3441	proteomics_stat	2395707	2395754	-	4	5	R.IAPYYHLFGSDELSQR.A	20
PSTAT-3442	proteomics_stat	2395782	2395835	-	4	4	R.LFETSENGLDYFTSVPAR.F	22
PSTAT-3443	proteomics_stat	2395863	2395886	-	4	2	K.FQDEVGGK.L	12
PSTAT-3444	proteomics_stat	2395887	2395943	-	4	5	R.SQVPFAWAPGWNQAWNK.F	23
PSTAT-3445	proteomics_stat	2396013	2396039	-	4	6	R.ANISVHEPR.Q	13
PSTAT-3446	proteomics_stat	2396100	2396150	-	4	6	K.IPELAGIKDAAPDATFR.I	21
PSTAT-3447	proteomics_stat	2396151	2396201	-	4	6	R.EVDWTQLDHVIDAVVAK.I	21
PSTAT-3448	proteomics_stat	2396262	2396300	-	4	3	R.FFQVYDPAYYDSK.T	17
PSTAT-3449	proteomics_stat	2396397	2396429	-	4	3	K.APLVMVVDHQR.T	15
PSTAT-3450	proteomics_stat	2396469	2396507	-	4	4	R.ADAVVVLENDLHR.H	17
PSTAT-3451	proteomics_stat	2396508	2396585	-	4	6	R.SVNSMGLGIMGGGSLEEALTELETGR.A	30
PSTAT-3452	proteomics_stat	2396634	2396705	-	4	31	K.KPLIISGTNAGSLEVIQAAANVAK.A	28
PSTAT-3453	proteomics_stat	2396742	2396798	-	4	2	H.ALDNSAPAVDGIPELQSK.I	23
PSTAT-3454	proteomics_stat	2396742	2396819	-	4	3	R.LGFAIAHALDNSAPAVDGIPELQSK.I	30
PSTAT-3455	proteomics_stat	2396820	2396843	-	4	4	R.APVEDQAR.L	12
PSTAT-3456	proteomics_stat	2396844	2396909	-	4	2	K.HPLFVTNVDDTRLDDIAAWTYR.A	26
PSTAT-3457	proteomics_stat	2396916	2396960	-	4	3	K.VADWQIAAILNIGQR.A	19
PSTAT-3458	proteomics_stat	2397024	2397086	-	4	4	R.EIESYDAVLVLGEDVTQTGAR.V	25
PSTAT-3459	proteomics_stat	2397201	2397230	-	4	2	R.ASVESNFALR.E	14
PSTAT-3460	proteomics_stat	2397267	2397332	-	4	13	R.RGDDFITLNAEQAMQGAADILR.Q	26
PSTAT-3461	proteomics_stat	2397360	2397386	-	4	2	R.FGYGYVNLK.D	13
PSTAT-3462	proteomics_stat	2397393	2397431	-	4	4	R.YNGTVNHYFLCDR.G	17
PSTAT-3463	proteomics_stat	2397738	2397779	-	4	3	R.NQDLGPFISHEMNR.C	18
PSTAT-3464	proteomics_stat	2397924	2398001	-	4	3	R.LVMSCMTPASDGTFFISIDDEEAKQFR.E	30
PSTAT-3465	proteomics_stat	2397933	2398001	-	4	7	R.LVMSCMTPASDGTFFISIDDEEAK.Q	27
PSTAT-3466	proteomics_stat	2398008	2398034	-	4	2	K.QYQNAEDTR.G	13
PSTAT-3467	proteomics_stat	2398252	2398296	-	5	2	F.SNTHLINGIQPNLLK.E	19
PSTAT-3468	proteomics_stat	2398252	2398338	-	5	2	K.YFREEFEAGIKQPFNTHLINGIQPNLLK.E	33
PSTAT-3469	proteomics_stat	2398339	2398392	-	5	7	K.TFCAHAPGAVEPLQSAIK.Y	22
PSTAT-3470	proteomics_stat	2398534	2398557	-	5	3	R.NLEEFFAR.E	12
PSTAT-3471	proteomics_stat	2398558	2398617	-	5	22	R.LGTALAMAVDHEINMVSLVR.N	24
PSTAT-3472	proteomics_stat	2398732	2398764	-	5	2	R.EILEDYAGGMR.D	15
PSTAT-3473	proteomics_stat	2398765	2398806	-	5	3	K.NPGLWELPFGTTAR.E	18
PSTAT-3474	proteomics_stat	2398765	2398812	-	5	16	R.VKNPGLWELPFGTTAR.E	20
PSTAT-3475	proteomics_stat	2398999	2399046	-	5	5	R.YICGEETALINSLEGR.R	20
PSTAT-3476	proteomics_stat	2398999	2399049	-	5	2	G.RYICGEETALINSLEGR.R	21
PSTAT-3477	proteomics_stat	2399362	2399391	-	5	2	R.GGAGFSTGLK.W	14

PSTAT-3478	proteomics_stat	2399413	2399457	-	5	4	K.ALTGLSPDEIVNQVK.D	19
PSTAT-3479	proteomics_stat	2399413	2399460	-	5	7	R.KALTGLSPDEIVNQVK.D	20
PSTAT-3480	proteomics_stat	2399488	2399529	-	5	9	R.LRDDKQPVWLDEYR.S	18
PSTAT-3481	proteomics_stat	2399530	2399559	-	5	8	R.TPETHPLTWR.L	14
PSTAT-3482	proteomics_stat	2399583	2399648	-	4	2	N.MMIDEDTHAHLTPEAIPPELLER.Y	26
PSTAT-3483	proteomics_stat	2399700	2399738	-	4	4	K.LNIKPGQTTDFDGR.F	17
PSTAT-3484	proteomics_stat	2400018	2400074	-	4	2	I.MHENQQPQTEAFELSAER.E	23
PSTAT-3485	proteomics_stat	2400149	2400193	-	6	13	R.TPSFAHLQQIPAAIR.G	19
PSTAT-3486	proteomics_stat	2400149	2400199	-	6	2	R.VRTPSFAHLQQIPAAIR.G	21
PSTAT-3487	proteomics_stat	2400206	2400256	-	6	4	K.GINSYYLTS DGSTMSYR.T	21
PSTAT-3488	proteomics_stat	2400365	2400397	-	6	3	K.ADHP LTT P P P P K.E	15
PSTAT-3489	proteomics_stat	2400398	2400442	-	6	3	R.ILEQCLNNMPEGPFK.A	19
PSTAT-3490	proteomics_stat	2400482	2400559	-	6	2	K.ARPYSGYENFD FEIPVGGGVSDCYTR.V	30
PSTAT-3491	proteomics_stat	2400590	2400628	-	6	2	K.EALEWGT TGAGLR.A	17
PSTAT-3492	proteomics_stat	2400629	2400658	-	6	3	R.SQGVAAYGAK.E	14
PSTAT-3493	proteomics_stat	2400665	2400691	-	6	2	K.AALQNTILK.G	13
PSTAT-3494	proteomics_stat	2400758	2400787	-	6	9	R.IGGVAHDLPR.G	14
PSTAT-3495	proteomics_stat	2401001	2401057	-	6	2	R.IEYLG GCVNEMPYVLAVEK.L	23
PSTAT-3496	proteomics_stat	2401001	2401093	-	6	3	R.QSWHSYIPYTDRIEYLG GCVNEMPYVLAVEK.L	35
PSTAT-3497	proteomics_stat	2401058	2401093	-	6	2	R.QSWHSYIPYTD R.I	16
PSTAT-3498	proteomics_stat	2401118	2401183	-	6	9	R.IVLQLDGE EIVDCVPDIGYHHR.G	26
PSTAT-3499	proteomics_stat	2401184	2401255	-	6	16	R.GTENEDFMFLNLGPNHPSAHGAFR.I	28
PSTAT-3500	proteomics_stat	2401184	2401258	-	6	5	K.RGTENEDFMFLNLGPNHPSAHGAFR.I	29
PSTAT-3501	proteomics_stat	2401256	2401318	-	6	6	K.AKQDLEMEALTFKPEEWGMKR.G	25
PSTAT-3502	proteomics_stat	2401259	2401318	-	6	7	K.AKQDLEMEALTFKPEEWGMK.R	24
PSTAT-3503	proteomics_stat	2401319	2401351	-	6	3	R.ATEFSPFELTK.A	15
PSTAT-3504	proteomics_stat	2401412	2401462	-	6	6	R.ETWDLFGITFDGHPNLR.R	21
PSTAT-3505	proteomics_stat	2401493	2401537	-	6	7	K.VALAENDLHVPTFTK.L	19
PSTAT-3506	proteomics_stat	2401559	2401615	-	6	30	R.EGLPAADF SVFYHLISIDR.N	23
PSTAT-3507	proteomics_stat	2401631	2401681	-	6	7	K.LPKPYVMLFDLHGMDER.L	21
PSTAT-3508	proteomics_stat	2401631	2401684	-	6	3	K.KLPKPYVMLFDLHGMDER.L	22
PSTAT-3509	proteomics_stat	2401685	2401717	-	6	2	R.EQLLEVGDFLK.K	15
PSTAT-3510	proteomics_stat	2401685	2401720	-	6	6	K.REQLLEVGDFLK.K	16
PSTAT-3511	proteomics_stat	2401721	2401747	-	6	2	R.TGVPVVWIK.R	13
PSTAT-3512	proteomics_stat	2401748	2401783	-	6	2	R.FGPDAFTVQATR.T	16
PSTAT-3513	proteomics_stat	2401790	2401825	-	6	4	R.DHLDDPVIGELR.N	16
PSTAT-3514	proteomics_stat	2401826	2401864	-	6	2	M.TDLTAQEP AWQTR.D	17
PSTAT-3515	proteomics_stat	2402054	2402095	-	6	11	R.RPLSWVVG DQGVYR.A	18
PSTAT-3516	proteomics_stat	2402531	2402572	-	6	3	K.QEIVTDPLEQEVNK.N	18
PSTAT-3517	proteomics_stat	2402660	2402692	-	6	2	R.MNPETNSIANR.Q	15
PSTAT-3518	proteomics_stat	2402660	2402698	-	6	3	R.ERMNPETNSIANR.Q	17
PSTAT-3519	proteomics_stat	2402912	2402956	-	6	2	K.NVPFESGIDSVGSAR.L	19
PSTAT-3520	proteomics_stat	2402912	2402962	-	6	4	R.SKNVPFESGIDSVGSAR.L	21
PSTAT-3521	proteomics_stat	2404067	2404114	-	6	3	K.GEPIPLVLLDDPS PFR.D	20
PSTAT-3522	proteomics_stat	2404115	2404162	-	6	2	R.TSPTHWYCAA EYILQK.G	20
PSTAT-3523	proteomics_stat	2404520	2404552	-	6	2	R.TQSAVSQMQR.L	15

PSTAT-3524	proteomics_stat	2409491	2409544	-	6	13	R.LNEVDLVLHSLEQITVTK.Q	22
PSTAT-3525	proteomics_stat	2409821	2409901	-	6	16	R.LEHIEATETEGITALPGAIALLSHLNK.A	31
PSTAT-3526	proteomics_stat	2410043	2410099	-	6	2	K.GFLFDLDGTLVDSLPAVER.A	23
PSTAT-3527	proteomics_stat	2410125	2410169	-	4	2	R.QYHLSANEINQIINA.-	19
PSTAT-3528	proteomics_stat	2410170	2410199	-	4	4	R.MLNVWHACPR.Q	14
PSTAT-3529	proteomics_stat	2410209	2410268	-	4	11	R.YTHFDAGTHGFNAQTPMWEK.Y	24
PSTAT-3530	proteomics_stat	2410269	2410292	-	4	2	R.FMVNVEGR.Y	12
PSTAT-3531	proteomics_stat	2410311	2410349	-	4	2	R.VTFLGFDAATEAR.Y	17
PSTAT-3532	proteomics_stat	2410311	2410352	-	4	5	R.RVTFLGFDAATEAR.Y	18
PSTAT-3533	proteomics_stat	2410437	2410469	-	4	2	R.EFGELKEETCR.T	15
PSTAT-3534	proteomics_stat	2410437	2410481	-	4	10	R.ELDREFGELKEETCR.T	19
PSTAT-3535	proteomics_stat	2410482	2410502	-	4	3	R.GYGLQMR.E	11
PSTAT-3536	proteomics_stat	2410533	2410568	-	4	3	K.MMTMLDPANAER.Y	16
PSTAT-3537	proteomics_stat	2410569	2410592	-	4	2	R.LILSNQYK.M	12
PSTAT-3538	proteomics_stat	2416941	2417018	-	4	50	K.DFLPGMLDATAGGVVQADEQLLESAR.R	30
PSTAT-3539	proteomics_stat	2416941	2417030	-	4	2	R.TETKDFLPGMLDATAGGVVQADEQLLESAR.R	34
PSTAT-3540	proteomics_stat	2417049	2417084	-	4	2	R.ATYIVVHDGMGK.I	16
PSTAT-3541	proteomics_stat	2417118	2417183	-	4	2	R.LASTEWVDIVNEENEVIAQASR.E	26
PSTAT-3542	proteomics_stat	2417358	2417402	-	4	9	R.GEIFHFNPGSVSIPK.G	19
PSTAT-3543	proteomics_stat	2417403	2417429	-	4	2	H.THLPVAEQR.G	13
PSTAT-3544	proteomics_stat	2417517	2417597	-	4	8	R.GNCDSEVDQMLLHFPITAPWQVLLLEK.Q	31
PSTAT-3545	proteomics_stat	2417754	2417801	-	4	2	K.LMFASDIHGSLPATER.V	20
PSTAT-3546	proteomics_stat	2418091	2418117	-	5	2	K.KAPLTAEGK.A	13
PSTAT-3547	proteomics_stat	2418337	2418399	-	5	2	K.TIDLDSGEHLQPTWQGYGQTR.R	25
PSTAT-3548	proteomics_stat	2420857	2420910	-	5	4	L.QTGDAQRFRAFIGEIAER.A	22
PSTAT-3549	proteomics_stat	2421953	2422036	-	6	8	R.ALAMEPEVLLFDEPTSALDPELVGEVLR.I	32
PSTAT-3550	proteomics_stat	2422052	2422087	-	6	4	K.YPVHLSGGQQQR.V	16
PSTAT-3551	proteomics_stat	2422490	2422528	-	6	2	M.SENKLNVIDLHKR.Y	17
PSTAT-3552	proteomics_stat	2422493	2422528	-	6	3	M.SENKLNVIDLHK.R	16
PSTAT-3553	proteomics_stat	2423450	2423494	-	6	2	R.YALPGIGNNWQVILK.S	19
PSTAT-3554	proteomics_stat	2424031	2424060	-	5	4	K.KYFDFDVYGG.-	14
PSTAT-3555	proteomics_stat	2424145	2424174	-	5	3	L.FGVGTGMGLR.K	14
PSTAT-3556	proteomics_stat	2424145	2424177	-	5	2	K.LFGVGTGMGLR.K	15
PSTAT-3557	proteomics_stat	2424145	2424207	-	5	5	K.FGGPSVKDEKLFVGTGMGLR.K	25
PSTAT-3558	proteomics_stat	2424178	2424207	-	5	9	K.FGGPSVKDEK.L	14
PSTAT-3559	proteomics_stat	2424217	2424282	-	5	6	R.IDAAFQDEVAASEGFLKQPVGK.D	26
PSTAT-3560	proteomics_stat	2424232	2424282	-	5	12	R.IDAAFQDEVAASEGFLK.Q	21
PSTAT-3561	proteomics_stat	2424283	2424345	-	5	6	K.GIEIVSYQGQDNISDLTAGR.I	25
PSTAT-3562	proteomics_stat	2424346	2424405	-	5	6	R.VGVLQGTQTETFGNEHWAPK.G	24
PSTAT-3563	proteomics_stat	2424346	2424408	-	5	3	K.RVGVLQGTQTETFGNEHWAPK.G	25
PSTAT-3564	proteomics_stat	2424346	2424435	-	5	2	Q.PTVESLKGKRVGVLQGTQTETFGNEHWAPK.G	34
PSTAT-3565	proteomics_stat	2424409	2424450	-	5	2	K.NSDIQPTVESLKGK.R	18
PSTAT-3566	proteomics_stat	2424415	2424450	-	5	4	K.NSDIQPTVESLK.G	16
PSTAT-3567	proteomics_stat	2424466	2424486	-	5	3	K.LYAADSR.L	11
PSTAT-3568	proteomics_stat	2424466	2424486	-	5	3	K.LYAADSR.L	11
PSTAT-3569	proteomics_stat	2424466	2424513	-	5	2	R.QQEIAFTDKLYAADSR.L	20

PSTAT-3570	proteomics_stat	2424487	2424513	-	5	2	R.QQEIAFTDK.L	13
PSTAT-3571	proteomics_stat	2424487	2424516	-	5	5	K.RQQEIAFTDK.L	14
PSTAT-3572	proteomics_stat	2424514	2424558	-	5	8	K.KIDAIMSSLSITEKR.Q	19
PSTAT-3573	proteomics_stat	2424517	2424558	-	5	19	K.KIDAIMSSLSITEK.R	18
PSTAT-3574	proteomics_stat	2424565	2424624	-	5	15	R.INTQCTFVENPLDALIPSLK.A	24
PSTAT-3575	proteomics_stat	2424565	2424627	-	5	13	K.RINTQCTFVENPLDALIPSLK.A	25
PSTAT-3576	proteomics_stat	2424640	2424684	-	5	5	K.NSQGELVGFIDIDLAK.E	19
PSTAT-3577	proteomics_stat	2424685	2424723	-	5	7	R.IGTDPTYAPFESK.N	17
PSTAT-3578	proteomics_stat	2425034	2425063	-	6	3	K.KYFDFNVYGD.-	14
PSTAT-3579	proteomics_stat	2425073	2425111	-	6	4	K.ALGELRQDGTYDK.M	17
PSTAT-3580	proteomics_stat	2425112	2425144	-	6	6	K.DDAELTAAFNK.A	15
PSTAT-3581	proteomics_stat	2425112	2425147	-	6	8	R.KDDAELTAAFNK.A	16
PSTAT-3582	proteomics_stat	2425148	2425177	-	6	2	Y.FGDGTGVGLR.K	14
PSTAT-3583	proteomics_stat	2425148	2425180	-	6	3	K.YFGDGTGVGLR.K	15
PSTAT-3584	proteomics_stat	2425148	2425183	-	6	3	K.KYFGDGTGVGLR.K	16
PSTAT-3585	proteomics_stat	2425190	2425219	-	6	6	K.DFAFAGSSVK.D	14
PSTAT-3586	proteomics_stat	2425220	2425285	-	6	6	R.LDAALQDEVAASEGFLKQPAGK.D	26
PSTAT-3587	proteomics_stat	2425235	2425285	-	6	11	R.LDAALQDEVAASEGFLK.Q	21
PSTAT-3588	proteomics_stat	2425286	2425348	-	6	7	K.GVDVVAYANQDLVYSDLAAGR.L	25
PSTAT-3589	proteomics_stat	2425286	2425354	-	6	9	R.SKGVDDVVAYANQDLVYSDLAAGR.L	27
PSTAT-3590	proteomics_stat	2425355	2425411	-	6	25	K.HVGVQLQGSTQEAYANETWR.S	23
PSTAT-3591	proteomics_stat	2425418	2425453	-	6	2	K.GSPIQPTLDSLK.G	16
PSTAT-3592	proteomics_stat	2425469	2425489	-	6	3	K.LYAADSR.L	11
PSTAT-3593	proteomics_stat	2425469	2425489	-	6	3	K.LYAADSR.L	11
PSTAT-3594	proteomics_stat	2425490	2425516	-	6	3	R.QQEIAFSDK.L	13
PSTAT-3595	proteomics_stat	2425517	2425561	-	6	32	K.KIDAISSLSITDKR.Q	19
PSTAT-3596	proteomics_stat	2425520	2425561	-	6	4	K.KIDAISSLSITDK.R	18
PSTAT-3597	proteomics_stat	2425568	2425615	-	6	5	K.CTWVASDFDALIPSLK.A	20
PSTAT-3598	proteomics_stat	2425631	2425678	-	6	9	K.GDFVGFIDLGNEMCK.R	20
PSTAT-3599	proteomics_stat	2425688	2425726	-	6	7	R.IGTDTTYAPFSSK.D	17
PSTAT-3600	proteomics_stat	2426746	2426784	-	5	2	R.QNEVENLEMHNK.-	17
PSTAT-3601	proteomics_stat	2426812	2426853	-	5	6	K.DVDQGYLDLDTLR.N	18
PSTAT-3602	proteomics_stat	2426854	2426916	-	5	4	R.AENPDIQQFECSVFNGVYVTK.D	25
PSTAT-3603	proteomics_stat	2426917	2426979	-	5	11	R.QIIGADGLIFQDLNDLIDAVR.A	25
PSTAT-3604	proteomics_stat	2426998	2427057	-	5	6	R.FPNVYGIDMPSATELIAHGR.E	24
PSTAT-3605	proteomics_stat	2427058	2427093	-	5	5	K.KVYLASAAPEIR.F	16
PSTAT-3606	proteomics_stat	2427109	2427144	-	5	2	R.GTTSEQIEMAR.E	16
PSTAT-3607	proteomics_stat	2427145	2427183	-	5	5	R.DKNVLLVDDSIVR.G	17
PSTAT-3608	proteomics_stat	2427232	2427261	-	5	2	R.TFIMPGQQLR.R	14
PSTAT-3609	proteomics_stat	2427535	2427591	-	5	7	R.DVAPGEAIYITEEQLFTR.Q	23
PSTAT-3610	proteomics_stat	2427592	2427672	-	5	7	R.DIDENRTEYMVASESVALDTLGFDFLR.D	31
PSTAT-3611	proteomics_stat	2427676	2427711	-	5	2	R.DPNGIRPLVLGK.R	16
PSTAT-3612	proteomics_stat	2427775	2427828	-	5	9	R.HYPLEADNIFAIAATNR.L	22
PSTAT-3613	proteomics_stat	2427829	2427897	-	5	19	R.HINTTSDSEILLNIFASELDNFR.H	27
PSTAT-3614	proteomics_stat	2427922	2428038	-	5	3	R.YPTAGSSSASEAQPfyVNSPYGITLAHNGNLTNAHELK.K	43
PSTAT-3615	proteomics_stat	2427925	2427990	-	5	3	Y.VNSPYGITLAHNGNLTNAHELK.K	26

PSTAT-3616	proteomics_stat	2427925	2428038	-	5	8	R.YPTAGSSSASEAQPFYVNSPYGITLAHNGNLTNAHEL.R.K	42
PSTAT-3617	proteomics_stat	2428084	2428122	-	5	8	R.KANGLVSDVFEAR.H	17
PSTAT-3618	proteomics_stat	2428129	2428179	-	5	3	R.GQDAAGIITIDANNCFR.L	21
PSTAT-3619	proteomics_stat	2428129	2428203	-	5	2	D.ALTVLQHRGQDAAGIITIDANNCFR.L	29
PSTAT-3620	proteomics_stat	2428180	2428230	-	5	2	V.MPVNQSIYDALTVLQHR.G	21
PSTAT-3621	proteomics_stat	2428180	2428257	-	5	6	M.CGIVGIAGVMPVNSIYDALTVLQHR.G	30
PSTAT-3622	proteomics_stat	2429218	2429250	-	5	4	K.NADKVNEIVGK.L	15
PSTAT-3623	proteomics_stat	2429299	2429352	-	5	4	K.VEAPPAPKPEPKVVEEK.A	22
PSTAT-3624	proteomics_stat	2430017	2430070	-	6	8	R.VIFDVAHNPHAAEYLTR.M	22
PSTAT-3625	proteomics_stat	2430098	2430130	-	6	3	R.DGIASAILPGR.F	15
PSTAT-3626	proteomics_stat	2430317	2430385	-	6	2	R.SEKPAIVGEPEMPSTIADVAQEK.G	27
PSTAT-3627	proteomics_stat	2430785	2430841	-	6	2	R.LGVLPAPFVFTVAGTNGK.G	23
PSTAT-3628	proteomics_stat	2430887	2430949	-	6	3	R.TPQAASPLASWLSYLENLHISK.T	25
PSTAT-3629	proteomics_stat	2431082	2431120	-	6	2	K.LMNLAPNPEAPR.E	17
PSTAT-3630	proteomics_stat	2431256	2431282	-	6	2	K.ALIGFAGPR.V	13
PSTAT-3631	proteomics_stat	2431283	2431378	-	6	24	R.GLPYISVLTDPMTGGVSASFAMLDLNIAEPK.A	36
PSTAT-3632	proteomics_stat	2431412	2431450	-	6	7	R.MQEALMSLMQMAK.T	17
PSTAT-3633	proteomics_stat	2431613	2431648	-	6	4	K.ETGEKDALVVMK.G	16
PSTAT-3634	proteomics_stat	2431613	2431666	-	6	3	R.LASAQKETGEKDALVVMK.G	22
PSTAT-3635	proteomics_stat	2431697	2431768	-	6	2	R.LHSLLDEGSLVELGSELEPKDVLK.F	28
PSTAT-3636	proteomics_stat	2431709	2431768	-	6	8	R.LHSLLDEGSLVELGSELEPK.D	24
PSTAT-3637	proteomics_stat	2431841	2431867	-	6	3	C.DSCGQVLYR.A	13
PSTAT-3638	proteomics_stat	2431871	2431903	-	6	7	R.KASIEGVWTK.C	15
PSTAT-3639	proteomics_stat	2432849	2432935	-	6	2	K.AEGLYLVAVDYPDRYDLPKPPMGPLFLAD.-	33
PSTAT-3640	proteomics_stat	2433164	2433208	-	6	2	R.AAQCLLGENDFTSFR.A	19
PSTAT-3641	proteomics_stat	2433565	2433636	-	5	44	R.QFIKLRWALSTTAVSITAGNGRTK.S	28
PSTAT-3642	proteomics_stat	2433694	2433720	-	5	2	R.FGGALMAVK.I	13
PSTAT-3643	proteomics_stat	2433721	2433777	-	5	2	R.NDYGMPEQVQFWSVADNVR.F	23
PSTAT-3644	proteomics_stat	2434039	2434092	-	5	2	R.QLAFNMLPLLPDSEGSVR.E	22
PSTAT-3645	proteomics_stat	2434093	2434137	-	5	2	K.LLNGIPIDEEDFFGR.Q	19
PSTAT-3646	proteomics_stat	2434138	2434173	-	5	7	K.KAVDALAGQSAK.L	16
PSTAT-3647	proteomics_stat	2434216	2434299	-	5	4	R.NVIAVPDSLTSQLLAALKPLIDQGGLSR.I	32
PSTAT-3648	proteomics_stat	2434591	2434668	-	5	2	M.SEGWNIAVLGATGAVGEALLETLAER.Q	30
PSTAT-3649	proteomics_stat	2434740	2434772	-	4	3	K.LGFNAVHHPAR.-	15
PSTAT-3650	proteomics_stat	2434944	2434982	-	4	6	R.ITLHGPLDQPTLK.R	17
PSTAT-3651	proteomics_stat	2434944	2434985	-	4	3	G.RITLHGPLDQPTLK.R	18
PSTAT-3652	proteomics_stat	2434983	2435045	-	4	13	K.FIGHEQHVALDTLLPAPEFGR.I	25
PSTAT-3653	proteomics_stat	2435046	2435078	-	4	3	R.GTTQVFEAYSK.F	15
PSTAT-3654	proteomics_stat	2435085	2435132	-	4	3	K.VDIGTSHIAGYTLEGK.A	20
PSTAT-3655	proteomics_stat	2435085	2435135	-	4	11	K.KVDIGTSHIAGYTLEGK.A	21
PSTAT-3656	proteomics_stat	2435196	2435249	-	4	4	R.GAVVDNTALLTCLNEGQK.L	22
PSTAT-3657	proteomics_stat	2435250	2435288	-	4	7	R.SLKPAILINACR.G	17
PSTAT-3658	proteomics_stat	2435298	2435321	-	4	3	K.TLHLADEK.L	12
PSTAT-3659	proteomics_stat	2435337	2435372	-	4	3	R.ADILTFHTPLFK.D	16
PSTAT-3660	proteomics_stat	2435640	2435693	-	4	2	K.FVGTATAGTDHVDEAWLK.Q	22
PSTAT-3661	proteomics_stat	2435694	2435729	-	4	5	K.VNESLLAGKPIK.F	16

PSTAT-3662	proteomics_stat	2435742	2435819	-	4	7	R.LGEVTVAVPGRPIPVAQLADADALMVR.S	30
PSTAT-3663	proteomics_stat	2438422	2438487	-	5	3	R.ELTTVMSNSFGFGGTNATLVMR.K	26
PSTAT-3664	proteomics_stat	2438644	2438667	-	5	3	K.SPAISATK.A	12
PSTAT-3665	proteomics_stat	2438644	2438685	-	5	11	R.EVFGDKSPAISATK.A	18
PSTAT-3666	proteomics_stat	2438704	2438778	-	5	8	M.AMHGVDTPIDYLNHGTSTPVGDVK.E	29
PSTAT-3667	proteomics_stat	2438704	2438781	-	5	19	K.MAMHGVDTPIDYLNHGTSTPVGDVK.E	30
PSTAT-3668	proteomics_stat	2438881	2438949	-	5	84	R.DGFVIAGGGGMVVVEELEHALAR.G	27
PSTAT-3669	proteomics_stat	2438881	2438967	-	5	8	R.TYDAHRDGFVIAGGGGMVVVEELEHALAR.G	33
PSTAT-3670	proteomics_stat	2438977	2438997	-	5	3	K.YNDTPEK.A	11
PSTAT-3671	proteomics_stat	2439085	2439174	-	5	9	K.IHGVNYSISSACATSAHCIGNAVEQIQLGK.Q	34
PSTAT-3672	proteomics_stat	2439124	2439174	-	5	2	K.IHGVNYSISSACATSAH.C	21
PSTAT-3673	proteomics_stat	2439175	2439219	-	5	6	K.AMASGVSACLATPFK.I	19
PSTAT-3674	proteomics_stat	2439265	2439294	-	5	2	R.FQVFGADAMR.G	14
PSTAT-3675	proteomics_stat	2439295	2439330	-	5	2	V.GLIAGSGGGSPR.F	16
PSTAT-3676	proteomics_stat	2439295	2439333	-	5	5	R.VGLIAGSGGGSPR.F	17
PSTAT-3677	proteomics_stat	2439334	2439429	-	5	2	R.FMSDASIYAFLSMEQAIADAGLSPEAYQNNPR.V	36
PSTAT-3678	proteomics_stat	2439439	2439468	-	5	2	K.LDTTGLIDRK.V	14
PSTAT-3679	proteomics_stat	2439442	2439465	-	5	2	L.DTTGLIDR.K	12
PSTAT-3680	proteomics_stat	2439442	2439468	-	5	6	K.LDTTGLIDR.K	13
PSTAT-3681	proteomics_stat	2439469	2439492	-	5	4	R.SHVWGNVK.L	12
PSTAT-3682	proteomics_stat	2439508	2439537	-	5	2	R.SGITFSQELK.D	14
PSTAT-3683	proteomics_stat	2439547	2439618	-	5	26	R.AVITGLGIVSSIGNNQEVLASLR.E	28
PSTAT-3684	proteomics_stat	2442003	2442095	-	4	2	R.GHLTLAIAELESRDDHSAQAVHTTVSLSLEK.A	35
PSTAT-3685	proteomics_stat	2444515	2444544	-	5	2	K.GRHDPCVGIR.A	14
PSTAT-3686	proteomics_stat	2444539	2444589	-	5	3	G.RTINRFGEVEMITKGR.H	21
PSTAT-3687	proteomics_stat	2444587	2444628	-	5	4	H.MALKPTSSITVPGR.T	18
PSTAT-3688	proteomics_stat	2444587	2444700	-	5	7	K.DGFQSNHAGGILGGISSGQQIIAHMALKPTSSITVPGR.T	42
PSTAT-3689	proteomics_stat	2444773	2444820	-	5	3	R.LDADIAHALMSINAVK.G	20
PSTAT-3690	proteomics_stat	2444773	2444853	-	5	2	V.PAGLGEPVFDRLDADIAHALMSINAVK.G	31
PSTAT-3691	proteomics_stat	2444773	2444877	-	5	8	K.VTVVASGVPAGLGEPVFDRLDADIAHALMSINAVK.G	39
PSTAT-3692	proteomics_stat	2445154	2445198	-	5	9	K.DVFRPGHADYTYEQK.Y	19
PSTAT-3693	proteomics_stat	2445154	2445222	-	5	7	R.SQDYSAIKDVFRPGHADYTYEQK.Y	27
PSTAT-3694	proteomics_stat	2445352	2445462	-	5	2	R.VTTFGESHLALGCIVDGVPPGIPLTEADLQHDLDRR.R	41
PSTAT-3695	proteomics_stat	2445463	2445492	-	5	2	M.AGNTIGQLFR.V	14
PSTAT-3696	proteomics_stat	2445533	2445556	-	6	2	R.EHFAIYKD.-	12
PSTAT-3697	proteomics_stat	2445746	2445790	-	6	2	R.HEPELGLASGTDGLK.L	19
PSTAT-3698	proteomics_stat	2446136	2446174	-	6	3	K.AWFCEGHEFYVDER.V	17
PSTAT-3699	proteomics_stat	2446175	2446201	-	6	4	R.IPVAYLTNK.A	13
PSTAT-3700	proteomics_stat	2446400	2446453	-	6	6	K.IFVDEAVNELQTIQDMLR.W	22
PSTAT-3701	proteomics_stat	2454739	2454813	-	5	4	R.HGDAALDAASDSVRPLTTNGCDESR.L	29
PSTAT-3702	proteomics_stat	2455190	2455252	-	6	5	R.DGDIGAVFGIGFPPFLGGPFR.Y	25
PSTAT-3703	proteomics_stat	2455346	2455399	-	6	3	K.KQVDPAIYPLIGTQGGQR.I	22
PSTAT-3704	proteomics_stat	2455544	2455606	-	6	3	K.FGFPVGIQILLDEVGIDTGTK.I	25
PSTAT-3705	proteomics_stat	2455607	2455636	-	6	2	R.VEHIDAALVK.F	14
PSTAT-3706	proteomics_stat	2455757	2455822	-	6	4	K.MPLVEIIPHAGTSAQTIATTVK.L	26
PSTAT-3707	proteomics_stat	2456324	2456368	-	6	2	R.AFGELAMTPQSALR.S	19

PSTAT-3708	proteomics_stat	2457292	2457384	-	5	12	R.AHATGEVDDSKFNVLGGSIAYGHPFAATGAR.M	35
PSTAT-3709	proteomics_stat	2457625	2457702	-	5	4	K.HGTVTAANSTPLTDGAAAVILMTESR.A	30
PSTAT-3710	proteomics_stat	2457757	2457828	-	5	5	K.LKEEVMTAFIPPYKQPLVEDNNIR.G	28
PSTAT-3711	proteomics_stat	2457821	2457889	-	6	3	T.ARCISAPFASACRSGMVRRKTQR.R	27
PSTAT-3712	proteomics_stat	2457868	2457894	-	5	2	R.EQQDALAHR.S	13
PSTAT-3713	proteomics_stat	2458135	2458200	-	5	2	R.ACATSFQAVANVAESLMAGTIR.A	26
PSTAT-3714	proteomics_stat	2458258	2458338	-	5	12	R.SEIPAEVIEQLVFGQVVQMPEAPNIAR.E	31
PSTAT-3715	proteomics_stat	2458807	2458845	-	5	3	R.AEAEQTLAALTEK.A	17
PSTAT-3716	proteomics_stat	2462553	2462633	-	4	2	R.FGSTLGHYGVGYGPYVQLPFYGSFTLR.D	31
PSTAT-3717	proteomics_stat	2462724	2462825	-	4	6	R.NGLSNFTGNLEEPAVMVNYFLQGDOPYQGMVHFTR.F	38
PSTAT-3718	proteomics_stat	2462871	2462918	-	4	2	R.TMYNFNFVLDPYIVR.P	20
PSTAT-3719	proteomics_stat	2476870	2476920	-	5	10	I.RATNQARRIGCICILER.I	21
PSTAT-3720	proteomics_stat	2495274	2495318	-	4	4	K.IPEPYAAMGSLEFAK.K	19
PSTAT-3721	proteomics_stat	2495343	2495381	-	4	4	K.GLHEAGWMVEMPK.A	17
PSTAT-3722	proteomics_stat	2495829	2495876	-	4	2	R.SVPLVEGVDFFNELER.A	20
PSTAT-3723	proteomics_stat	2496096	2496146	-	4	2	K.LCTVAQRPDTHGYSTR.G	21
PSTAT-3724	proteomics_stat	2496234	2496281	-	4	2	R.IDRPPYVFNITAEK.M	20
PSTAT-3725	proteomics_stat	2506507	2506584	-	5	5	K.EYVHDIPVYLIVHDNPGLLGSGAHLR.Q	30
PSTAT-3726	proteomics_stat	2506507	2506590	-	5	2	R.FKEYVHDIPVYLIVHDNPGLLGSGAHLR.Q	32
PSTAT-3727	proteomics_stat	2506513	2506590	-	5	2	R.FKEYVHDIPVYLIVHDNPGLLGSGAH.L	30
PSTAT-3728	proteomics_stat	2506801	2506824	-	5	2	R.LPENLKPK.D	12
PSTAT-3729	proteomics_stat	2506801	2506836	-	5	2	K.ADNRLPENLKPK.D	16
PSTAT-3730	proteomics_stat	2506849	2506884	-	5	3	R.VLSGPGLVNLYR.A	16
PSTAT-3731	proteomics_stat	2506885	2506914	-	5	6	R.AEIGHVSAER.V	14
PSTAT-3732	proteomics_stat	2506915	2506998	-	5	7	R.WVSLPGEAGHVDVFPNSEEEAIILEILR.A	32
PSTAT-3733	proteomics_stat	2507002	2507109	-	5	2	K.EHLIQFGGAEPVEGKPIAVYAGTGLGVAHLVHVDK.R	40
PSTAT-3734	proteomics_stat	2507356	2507400	-	5	2	R.LALCDIASGEISQAK.T	19
PSTAT-3735	proteomics_stat	2507401	2507439	-	5	2	K.YALVGDVGGTNR.L	17
PSTAT-3736	proteomics_stat	2507401	2507445	-	5	4	M.TKYALVGDVGGTNR.L	19
PSTAT-3737	proteomics_stat	2514841	2514891	-	5	2	R.WHLQALTDPLTLLPNFR.A	21
PSTAT-3738	proteomics_stat	2517357	2517407	-	4	3	R.VAVTGAGQSPALDVTVA.A	21
PSTAT-3739	proteomics_stat	2517426	2517512	-	4	16	K.LAAITDWTAEENVHHAIQATADELEVGMGK.V	33
PSTAT-3740	proteomics_stat	2517561	2517608	-	4	5	R.YFYEDFAEFDADAACK.H	20
PSTAT-3741	proteomics_stat	2517660	2517689	-	4	2	R.NGPQLADLVK.L	14
PSTAT-3742	proteomics_stat	2517789	2517815	-	4	3	K.SASAFNTDK.L	13
PSTAT-3743	proteomics_stat	2517816	2517842	-	4	2	K.YFTLNAVSK.S	13
PSTAT-3744	proteomics_stat	2517843	2517896	-	4	2	R.LGWSHGDQEIFREEMIK.Y	22
PSTAT-3745	proteomics_stat	2517858	2517896	-	4	6	R.LGWSHGDQEIFTR.E	17
PSTAT-3746	proteomics_stat	2517897	2517941	-	4	5	R.DDGYPALLNYLVR.L	19
PSTAT-3747	proteomics_stat	2517984	2518040	-	4	2	K.APVPVYAHVSMINGDDGKK.L	23
PSTAT-3748	proteomics_stat	2518068	2518097	-	4	10	R.GEDHINNTPR.Q	14
PSTAT-3749	proteomics_stat	2518098	2518172	-	4	2	R.TDGSPTYNFCVVVDDWDMEITHVIR.G	29
PSTAT-3750	proteomics_stat	2518176	2518223	-	4	5	R.GPIEFSNQELDDLIIR.R	20
PSTAT-3751	proteomics_stat	2518224	2518271	-	4	7	R.FANPQEGSVVFDQIR.G	20
PSTAT-3752	proteomics_stat	2518350	2518382	-	4	4	R.LEALREEQMAK.G	15
PSTAT-3753	proteomics_stat	2518404	2518451	-	4	5	R.YNAVIDQMLEEGTAYK.C	20



PSTAT-3754	proteomics_stat	2518551	2518574	-	4	6	R.IEDTDLER.S	12
PSTAT-3755	proteomics_stat	2518632	2518676	-	4	8	R.FAPSPTGYLHVGGAR.T	19
PSTAT-3756	proteomics_stat	2526255	2526296	-	4	4	K.KTDLVIAGEAAGSK.L	18
PSTAT-3757	proteomics_stat	2526318	2526389	-	4	5	V.VLTGSLSQMSRDDAKARLVELGAK.V	28
PSTAT-3758	proteomics_stat	2527101	2527172	-	4	7	R.LEPVHVAGVLSNATLHNADEIER.L	28
PSTAT-3759	proteomics_stat	2527200	2527223	-	4	2	R.DVEFQVGR.T	12
PSTAT-3760	proteomics_stat	2527284	2527328	-	4	5	K.VNSLAQQEQLGFVAR.A	19
PSTAT-3761	proteomics_stat	2527473	2527547	-	4	4	K.RPLTFFCYGVGVLEGGELPDTHLGR.L	29
PSTAT-3762	proteomics_stat	2527698	2527724	-	4	2	K.LHGENIPAR.L	13
PSTAT-3763	proteomics_stat	2528016	2528054	-	4	2	K.HPELITPDSPTQR.V	17
PSTAT-3764	proteomics_stat	2528016	2528069	-	4	5	R.ELETKHPELITPDSPTQR.V	22
PSTAT-3765	proteomics_stat	2528338	2528406	-	5	6	K.LMLQSAQHIADEVGGVVLDDQRR.M	27
PSTAT-3766	proteomics_stat	2528407	2528478	-	5	7	K.DFTTPGVTIFMQVPSYGDELQNF.K.L	28
PSTAT-3767	proteomics_stat	2528479	2528562	-	5	12	R.HLSPDGSQPALFSLANMVKPGTFDPEMK.D	32
PSTAT-3768	proteomics_stat	2528506	2528562	-	5	3	R.HLSPDGSQPALFSLANMVK.P	23
PSTAT-3769	proteomics_stat	2528515	2528562	-	5	2	R.HLSPDGSQPALFSLAN.M	20
PSTAT-3770	proteomics_stat	2528950	2529000	-	5	4	R.PSPQHQQPPYASAPR.Q	21
PSTAT-3771	proteomics_stat	2529055	2529111	-	5	9	R.DDDSYDEDVEDDEGVGEVR.V	23
PSTAT-3772	proteomics_stat	2529055	2529114	-	5	3	K.RDDDSYDEDVEDDEGVGEVR.V	24
PSTAT-3773	proteomics_stat	2534525	2534572	-	6	2	K.GTGDLFCAQLISGLL.K.G	20
PSTAT-3774	proteomics_stat	2534714	2534743	-	6	4	R.DLDSAIAAAK.S	14
PSTAT-3775	proteomics_stat	2534753	2534821	-	6	7	R.QYLLPLAQGITPNIFELEILT.G.K.N	27
PSTAT-3776	proteomics_stat	2534822	2534917	-	6	3	R.KDHPDLLIMVDPVIGDIDSGIYVKPDLPEAYR.Q	36
PSTAT-3777	proteomics_stat	2534948	2534989	-	6	3	R.AVTTGYMGTSQIK.I	18
PSTAT-3778	proteomics_stat	2536697	2536750	-	6	4	R.YLSTGVFGEEHFSQGAGI.-	22
PSTAT-3779	proteomics_stat	2536811	2536864	-	6	3	R.EGIFCGVSSGGAVAGALR.V	22
PSTAT-3780	proteomics_stat	2536901	2536972	-	6	18	R.WPTEYLPGIFNASLVDEVLDIHQR.D	28
PSTAT-3781	proteomics_stat	2536973	2537044	-	6	2	R.EQSKPVTIVGLQPEEGSSIPGIRR.W	28
PSTAT-3782	proteomics_stat	2536976	2537044	-	6	2	R.EQSKPVTIVGLQPEEGSSIPGIR.R	27
PSTAT-3783	proteomics_stat	2537054	2537110	-	6	7	R.ITHFVSSMGTGTITGVSR.F	23
PSTAT-3784	proteomics_stat	2537210	2537236	-	6	3	R.DLALEMANR.G	13
PSTAT-3785	proteomics_stat	2537309	2537341	-	6	2	K.LLMPDNMSQER.R	15
PSTAT-3786	proteomics_stat	2537357	2537443	-	6	4	K.RGEIKPGDVLIATSNGNTGIALAMIAALK.G	33
PSTAT-3787	proteomics_stat	2537477	2537515	-	6	7	K.LEGNNPAGSVKDR.A	17
PSTAT-3788	proteomics_stat	2537483	2537515	-	6	2	K.LEGNNPAGSVK.D	15
PSTAT-3789	proteomics_stat	2537561	2537602	-	6	4	V.STLEQTIGNTPLVK.L	18
PSTAT-3790	proteomics_stat	2537841	2537930	-	4	3	K.GHYTQLVVQPLGWYNEPLTVVMHGDDAPQR.G	34
PSTAT-3791	proteomics_stat	2537931	2537984	-	4	2	R.RTSLDSPLPVQVLEASPK.G	22
PSTAT-3792	proteomics_stat	2538321	2538389	-	4	2	R.ALAVEPQILLLDEPFGALDAQVR.K	27
PSTAT-3793	proteomics_stat	2538411	2538479	-	4	2	K.LLEMVQLAHLADRYPAQLSGGQK.Q	27
PSTAT-3794	proteomics_stat	2540537	2540590	-	6	2	K.THFTSGGELDKLLAAGR.N.-	22
PSTAT-3795	proteomics_stat	2540558	2540590	-	6	12	K.THFTSGGELDK.L	15
PSTAT-3796	proteomics_stat	2540591	2540629	-	6	2	R.VEDKFGSWPEVMK.T	17
PSTAT-3797	proteomics_stat	2540666	2540692	-	6	3	R.VNNPEVMDK.L	13
PSTAT-3798	proteomics_stat	2540693	2540755	-	6	2	K.AYLNWLSPQAQTIITDYYR.V	25
PSTAT-3799	proteomics_stat	2540765	2540833	-	6	5	K.TNILAEFPVAWVDKNVQANGTEK.A	27

PSTAT-3800	proteomics_stat	2540792	2540833	-	6	3	K.TNILAEFPVAWVDK.N	18
PSTAT-3801	proteomics_stat	2540834	2540872	-	6	2	K.QYEAQGFVVIPK.T	17
PSTAT-3802	proteomics_stat	2540834	2540875	-	6	4	R.KQYEAQGFVVIPK.T	18
PSTAT-3803	proteomics_stat	2540873	2540926	-	6	20	R.GLGDVLISFESEVNNIRK.Q	22
PSTAT-3804	proteomics_stat	2540876	2540926	-	6	21	R.GLGDVLISFESEVNNIR.K	21
PSTAT-3805	proteomics_stat	2540954	2540983	-	6	3	K.NVEVFDTGGR.G	14
PSTAT-3806	proteomics_stat	2540984	2541037	-	6	6	K.ADGGDKGKTEQFMTQFLK.N	22
PSTAT-3807	proteomics_stat	2541125	2541154	-	6	5	K.NIHDWNDLVR.S	14
PSTAT-3808	proteomics_stat	2541170	2541220	-	6	9	R.LPNNSSPFYSTMGFLVR.K	21
PSTAT-3809	proteomics_stat	2541254	2541307	-	6	4	K.ADVVTYNQVTDVQILHDK.G	22
PSTAT-3810	proteomics_stat	2541308	2541337	-	6	4	K.QALAILQGLK.A	14
PSTAT-3811	proteomics_stat	2541362	2541391	-	6	3	K.DNGGDKLTIK.Q	14
PSTAT-3812	proteomics_stat	2541392	2541439	-	6	4	R.ELFAALNPPFEQQWAK.D	20
PSTAT-3813	proteomics_stat	2541440	2541475	-	6	2	A.TELLNSSYDVSR.E	16
PSTAT-3814	proteomics_stat	2542079	2542108	-	6	3	R.VNAICPGYVR.T	14
PSTAT-3815	proteomics_stat	2542169	2542240	-	6	4	R.IVMMSSVTGDMVADPGETAYALK.A	28
PSTAT-3816	proteomics_stat	2542514	2542561	-	6	10	R.HGANLILLDISPEIEK.L	20
PSTAT-3817	proteomics_stat	2542574	2542624	-	6	2	K.TALITGALQGIGEGIAR.T	21
PSTAT-3818	proteomics_stat	2547683	2547733	-	6	10	R.FTKPVTGGYYFAPSLDK.L	21
PSTAT-3819	proteomics_stat	2547749	2547805	-	6	18	R.LHNIEQQLLSMFGDTDGKR.D	23
PSTAT-3820	proteomics_stat	2547752	2547805	-	6	3	R.LHNIEQQLLSMFGDTDGK.R	22
PSTAT-3821	proteomics_stat	2547914	2547976	-	6	8	R.TKEANEEIDGDERPETSHLTR.V	25
PSTAT-3822	proteomics_stat	2547977	2548012	-	6	4	R.MSVHDQEMVIGR.T	16
PSTAT-3823	proteomics_stat	2548043	2548084	-	6	4	K.DGVDAGGSYFVQR.W	18
PSTAT-3824	proteomics_stat	2548106	2548159	-	6	5	R.DLSGFVDGTENPAGEETR.R	22
PSTAT-3825	proteomics_stat	2548262	2548315	-	6	4	K.GLAPTTQFDVLIHILSLR.H	22
PSTAT-3826	proteomics_stat	2548316	2548372	-	6	3	R.ALSSGVGAEEELKDFPGYGK.G	23
PSTAT-3827	proteomics_stat	2548373	2548426	-	6	6	K.FPDAHLGAVVAFGNNTWR.A	22
PSTAT-3828	proteomics_stat	2548526	2548564	-	6	7	M.SQVQSGILPEHCR.A	17
PSTAT-3829	proteomics_stat	2548876	2548920	-	5	5	R.IDVLDSIPADTGVK.I	19
PSTAT-3830	proteomics_stat	2548921	2548971	-	5	2	K.GDNVAMVINGDQGTISR.I	21
PSTAT-3831	proteomics_stat	2549032	2549118	-	5	3	K.VSEQVGELTASTPLQEQAADALDGDYR.L	33
PSTAT-3832	proteomics_stat	2549924	2549962	-	6	3	R.GSAYLGVHPEFR.G	17
PSTAT-3833	proteomics_stat	2553784	2553828	-	5	2	K.AACNAFTDAVLEIAR.N	19
PSTAT-3834	proteomics_stat	2554252	2554317	-	5	2	R.SLGLISADSDDVTYIAADEATK.Q	26
PSTAT-3835	proteomics_stat	2554894	2554971	-	5	2	K.AQGLLEVRSEISDKNLYLTPDMGRR.L	30
PSTAT-3836	proteomics_stat	2555685	2555753	-	4	4	R.HYDPFIVNTVVGFIGPELYNDR.Q	27
PSTAT-3837	proteomics_stat	2555943	2555990	-	4	2	R.GAPGGLIFQSIGSEK.G	20
PSTAT-3838	proteomics_stat	2556222	2556266	-	4	3	K.KANTTIGIPGTFSAR.L	19
PSTAT-3839	proteomics_stat	2560434	2560517	-	4	2	V.SNYSAWLLPVVPLPLLLLCATASAHPLR.L	32
PSTAT-3840	proteomics_stat	2570200	2570277	-	5	3	R.IGELVSVHVIPRPHGDLEEVFPIGLK.G	30
PSTAT-3841	proteomics_stat	2570278	2570313	-	5	2	K.AATDAGAAAAQR.I	16
PSTAT-3842	proteomics_stat	2574177	2574212	-	4	3	K.PVHVLTPIASVR.R	16
PSTAT-3843	proteomics_stat	2574177	2574266	-	4	10	R.VSSSEGVTVGPVLMGVAKPVHVLTPIASVR.R	34
PSTAT-3844	proteomics_stat	2574459	2574515	-	4	10	R.VALLSHSNFGSSDCPSSSK.M	23
PSTAT-3845	proteomics_stat	2574696	2574761	-	4	6	R.GEADAMICGTVDYHEHFSVVK.N	26

PSTAT-3846	proteomics_stat	2574762	2574809	-	4	7	R.ALISNPTVIGAIMVQR.G	20
PSTAT-3847	proteomics_stat	2574843	2574881	-	4	16	R.FKEYWTEYFQIMK.R	17
PSTAT-3848	proteomics_stat	2574882	2574926	-	4	6	K.AGVDFEIVNNE SDPR.F	19
PSTAT-3849	proteomics_stat	2574954	2575037	-	4	3	R.VLHATQELVTLGLAKPILIGRPNVIEMR.I	32
PSTAT-3850	proteomics_stat	2574993	2575037	-	4	6	R.VLHATQELVTLGLAK.P	19
PSTAT-3851	proteomics_stat	2575038	2575070	-	4	12	K.RVVLPEGEEAR.V	15
PSTAT-3852	proteomics_stat	2575083	2575121	-	4	11	K.TNLFMKPIFSQAR.K	17
PSTAT-3853	proteomics_stat	2575122	2575205	-	4	23	K.AAMESGVATRPIADFDVYIDKLTEFVYK.T	32
PSTAT-3854	proteomics_stat	2575143	2575205	-	4	4	K.AAMESGVATRPIADFDVYIDK.L	25
PSTAT-3855	proteomics_stat	2575368	2575412	-	4	3	R.GALDVGATAINEEMK.L	19
PSTAT-3856	proteomics_stat	2575467	2575502	-	4	3	K.EVRPDAIICTGR.S	16
PSTAT-3857	proteomics_stat	2575503	2575553	-	4	2	M.ILALANPEPEILPPLAK.E	21
PSTAT-3858	proteomics_stat	2575503	2575562	-	4	4	R.APMILALANPEPEILPPLAK.E	24
PSTAT-3859	proteomics_stat	2575572	2575598	-	4	2	K.VLTQEMVKK.M	13
PSTAT-3860	proteomics_stat	2575599	2575655	-	4	8	R.TLDDVIEGADIFLGCSGPK.V	23
PSTAT-3861	proteomics_stat	2575656	2575688	-	4	7	K.AAYAVDDGKR.T	15
PSTAT-3862	proteomics_stat	2575689	2575733	-	4	4	K.GVIYQGREPNMAETK.A	19
PSTAT-3863	proteomics_stat	2575734	2575760	-	4	8	K.HNIVVCD SK.G	13
PSTAT-3864	proteomics_stat	2575863	2575940	-	4	27	R.MNIPVFHDDQHGTAIISTAAI LNGLR.V	30
PSTAT-3865	proteomics_stat	2576118	2576210	-	4	30	R.GNLVAVISNGTAVLGLGNIGALAGKPVMEGK.G	35
PSTAT-3866	proteomics_stat	2576301	2576339	-	4	9	K.IQVSPTKPLATQR.D	17
PSTAT-3867	proteomics_stat	2576340	2576381	-	4	2	K.QSALDFHEFPVPGK.I	18
PSTAT-3868	proteomics_stat	2582093	2582137	-	6	7	N.VVVLGGGDTAMDCVR.T	19
PSTAT-3869	proteomics_stat	2582093	2582137	-	6	7	N.VVVLGGGDTAMDCVR.T	19
PSTAT-3870	proteomics_stat	2582504	2582560	-	6	10	R.VAIIGAGPAGLACADVLTR.N	23
PSTAT-3871	proteomics_stat	2582504	2582560	-	6	10	R.VAIIGAGPAGLACADVLTR.N	23
PSTAT-3872	proteomics_stat	2592043	2592093	-	5	2	G.CLLRLLQTSELALPALR.G	21
PSTAT-3873	proteomics_stat	2594951	2594995	-	6	20	R.QSLGGLIEAYEAVAR.R	19
PSTAT-3874	proteomics_stat	2594951	2594998	-	6	3	F.RQSLGGLIEAYEAVAR.R	20
PSTAT-3875	proteomics_stat	2595017	2595043	-	6	12	R.LWDKETLEK.M	13
PSTAT-3876	proteomics_stat	2595044	2595088	-	6	7	K.GEVVLGDEFSPDGSR.L	19
PSTAT-3877	proteomics_stat	2595110	2595151	-	6	2	K.KLFDDAGLILVDFK.L	18
PSTAT-3878	proteomics_stat	2595170	2595190	-	6	4	R.MKELTYK.A	11
PSTAT-3879	proteomics_stat	2595206	2595271	-	6	15	K.NDAMHDPMVNESYCETFGWVSK.E	26
PSTAT-3880	proteomics_stat	2595272	2595325	-	6	2	L.GIEEGIELNPPLFDLFLK.N	22
PSTAT-3881	proteomics_stat	2595272	2595328	-	6	222	R.LGIEEGIELNPPLFDLFLK.N	23
PSTAT-3882	proteomics_stat	2595272	2595331	-	6	37	K.RLGIEEGIELNPPLFDLFLK.N	24
PSTAT-3883	proteomics_stat	2595359	2595394	-	6	20	K.KLDMVPECVVR.N	16
PSTAT-3884	proteomics_stat	2595395	2595424	-	6	3	R.LLSDTECLVK.K	14
PSTAT-3885	proteomics_stat	2595425	2595460	-	6	6	K.LAEAGIPTQMER.L	16
PSTAT-3886	proteomics_stat	2595461	2595484	-	6	6	K.FNYFIMSK.L	12
PSTAT-3887	proteomics_stat	2595461	2595502	-	6	5	K.GMVNNKFNYFIMSK.L	18
PSTAT-3888	proteomics_stat	2595554	2595598	-	6	2	T.VYSTENPDLLVLEFR.N	19
PSTAT-3889	proteomics_stat	2595554	2595601	-	6	35	K.TVYSTENPDLLVLEFR.N	20
PSTAT-3890	proteomics_stat	2595856	2595921	-	5	38	K.GHTLTQSQNDALVAVFQA AFSK.-	26
PSTAT-3891	proteomics_stat	2596153	2596218	-	5	4	R.ASTTMDVQSAADDTGLPMLVVR.G	26

PSTAT-3892	proteomics_stat	2596219	2596254	-	5	9	K.SATDAANAAQNR.A	16
PSTAT-3893	proteomics_stat	2596255	2596299	-	5	7	R.YSTEMMNVISAGLDK.S	19
PSTAT-3894	proteomics_stat	2596300	2596356	-	5	9	K.LLNLEQAGKPVADAASMQR.Y	23
PSTAT-3895	proteomics_stat	2596357	2596407	-	5	9	R.YQISVKPQGYQQAVTVK.L	21
PSTAT-3896	proteomics_stat	2596414	2596437	-	5	5	R.LDEDEQYR.G	12
PSTAT-3897	proteomics_stat	2596414	2596485	-	5	2	R.DDAGQTLTDDVWQWNRLEDEDEQYR.G	28
PSTAT-3898	proteomics_stat	2596438	2596485	-	5	5	R.DDAGQTLTDDVWQWNR.L	20
PSTAT-3899	proteomics_stat	2596507	2596551	-	5	5	R.GNTLWPQVSVLQAK.N	19
PSTAT-3900	proteomics_stat	2596552	2596599	-	5	3	R.TQFTGDTASLLVENGR.G	20
PSTAT-3901	proteomics_stat	2596600	2596653	-	5	3	K.ALDIRPPAQPLALVSGAR.T	22
PSTAT-3902	proteomics_stat	2596946	2596978	-	6	3	R.LPMPITDSEGR.E	15
PSTAT-3903	proteomics_stat	2596946	2597011	-	6	3	K.ELGLVATDTLRLPMPITDSEGR.E	26
PSTAT-3904	proteomics_stat	2596979	2597011	-	6	2	K.ELGLVATDTLR.L	15
PSTAT-3905	proteomics_stat	2597024	2597056	-	6	2	K.LFVEPNPIPVK.W	15
PSTAT-3906	proteomics_stat	2597093	2597122	-	6	6	L.AAEGHFAEAR.V	14
PSTAT-3907	proteomics_stat	2597093	2597125	-	6	9	K.LAAEGHFAEAR.V	15
PSTAT-3908	proteomics_stat	2597369	2597422	-	6	8	K.AIAEHTDLPQILYNVPSR.T	22
PSTAT-3909	proteomics_stat	2597423	2597509	-	6	6	R.FNDSGIVGCLTVTPYYNRPSQEGLYQHFK.A	33
PSTAT-3910	proteomics_stat	2597510	2597572	-	6	5	R.IPVIAGTGANATAEAISLTQR.F	25
PSTAT-3911	proteomics_stat	2597735	2597782	-	6	12	P.MFTGSIVAIVTPMDEK.G	20
PSTAT-3912	proteomics_stat	2616211	2616252	-	5	2	G.FELPEDVGRFLLKR.L	18
PSTAT-3913	proteomics_stat	2616589	2616630	-	5	2	R.SHLLHAACAELSQR.G	18
PSTAT-3914	proteomics_stat	2618271	2618381	-	4	33	K.AHPDVELYASIDQGLNEHGYIIPGLGDAGDKIFGK.-	41
PSTAT-3915	proteomics_stat	2618286	2618381	-	4	3	K.AHPDVELYASIDQGLNEHGYIIPGLGDAGDK.I	36
PSTAT-3916	proteomics_stat	2618382	2618429	-	4	11	K.VLVLVAPEGIAALEK.A	20
PSTAT-3917	proteomics_stat	2618451	2618522	-	4	8	R.MALIVDPMLATGGSVIATIDLLK.A	28
PSTAT-3918	proteomics_stat	2618454	2618522	-	4	47	R.MALIVDPMLATGGSVIATIDLLK.K	27
PSTAT-3919	proteomics_stat	2618523	2618546	-	4	8	K.LVSNIDER.M	12
PSTAT-3920	proteomics_stat	2618547	2618585	-	4	12	R.NEETLEPVYFQK.L	17
PSTAT-3921	proteomics_stat	2618586	2618609	-	4	2	R.ISVVGMYR.N	12
PSTAT-3922	proteomics_stat	2618610	2618660	-	4	9	R.AGLGMDGVLENVPSAR.I	21
PSTAT-3923	proteomics_stat	2618661	2618687	-	4	3	K.KITVVPILR.A	13
PSTAT-3924	proteomics_stat	2618694	2618741	-	4	6	K.VTIEGWNGPVEIDQIK.G	20
PSTAT-3925	proteomics_stat	2618742	2618807	-	4	2	R.ELASEVGSLLTYEATADLETEK.V	26
PSTAT-3926	proteomics_stat	2618742	2618813	-	4	10	R.FRELADEVGSLLTYEATADLETEK.V	28
PSTAT-3927	proteomics_stat	2618814	2618837	-	4	3	R.EQDISTKR.F	12
PSTAT-3928	proteomics_stat	2622890	2622940	-	6	5	R.RHFNTIINIARHPVGGGR.K	21
PSTAT-3929	proteomics_stat	2628983	2629030	-	6	6	R.VVYDISGKPPATIEWE.-	20
PSTAT-3930	proteomics_stat	2629031	2629060	-	6	2	R.IINEVNGISR.V	14
PSTAT-3931	proteomics_stat	2629073	2629105	-	6	3	H.WAHLPYDFLGR.V	15
PSTAT-3932	proteomics_stat	2629073	2629138	-	6	8	R.AVETIDFMTAHWAHLPYDFLGR.V	26
PSTAT-3933	proteomics_stat	2629139	2629165	-	6	3	R.KYDWVSLR.A	13
PSTAT-3934	proteomics_stat	2629193	2629228	-	6	6	K.VSQAFTVFLPVR.S	16
PSTAT-3935	proteomics_stat	2629193	2629246	-	6	3	K.ADLYDKVSQAFTVFLPVR.S	22
PSTAT-3936	proteomics_stat	2629193	2629249	-	6	19	R.KADLYDKVSQAFTVFLPVR.S	23
PSTAT-3937	proteomics_stat	2629229	2629249	-	6	9	R.KADLYDK.V	11

PSTAT-3938	proteomics_stat	2629247	2629282	-	6	4	R.RADAIFIEELR.K	16
PSTAT-3939	proteomics_stat	2629250	2629282	-	6	16	R.RADAIFIEELR.K	15
PSTAT-3940	proteomics_stat	2629358	2629399	-	6	6	K.IGLELGLPYDMLYR.H	18
PSTAT-3941	proteomics_stat	2629358	2629402	-	6	4	R.KIGLELGLPYDMLYR.H	19
PSTAT-3942	proteomics_stat	2629403	2629450	-	6	13	K.MGLVEPLKELFKDEVR.K	20
PSTAT-3943	proteomics_stat	2629415	2629450	-	6	2	K.MGLVEPLKELFK.D	16
PSTAT-3944	proteomics_stat	2629505	2629567	-	6	8	K.WLAQGTIYPDVIESAASATGK.A	25
PSTAT-3945	proteomics_stat	2629568	2629618	-	6	17	R.VFVEVFDEEALKLEDVK.W	21
PSTAT-3946	proteomics_stat	2629637	2629678	-	6	8	R.FLSALAGENDPEAK.R	18
PSTAT-3947	proteomics_stat	2629679	2629759	-	6	24	R.LNEAEQVLDMFGDHFGLNIVHVPADR.F	31
PSTAT-3948	proteomics_stat	2629760	2629798	-	6	5	K.NLTCVFDNGLLR.L	17
PSTAT-3949	proteomics_stat	2629811	2629891	-	6	7	R.EQVGDDKVILGLSGGVDSSVTAMLLHR.A	31
PSTAT-3950	proteomics_stat	2629811	2629897	-	6	3	R.IREQVGDDKVILGLSGGVDSSVTAMLLHR.A	33
PSTAT-3951	proteomics_stat	2629898	2629921	-	6	2	K.IIDDAVAR.I	12
PSTAT-3952	proteomics_stat	2629922	2629960	-	6	4	R.DICQCEALWTPAK.I	17
PSTAT-3953	proteomics_stat	2630036	2630119	-	6	2	K.VTAIPSFITVASTESCPFAIMANEEKR.F	32
PSTAT-3954	proteomics_stat	2630039	2630119	-	6	5	K.VTAIPSFITVASTESCPFAIMANEEKR	31
PSTAT-3955	proteomics_stat	2630120	2630188	-	6	4	R.GIEDALTADGKPLLDVWMSHGDK.V	27
PSTAT-3956	proteomics_stat	2630189	2630239	-	6	9	R.EFGYAQVEVNDALVR.G	21
PSTAT-3957	proteomics_stat	2630240	2630275	-	6	2	M.QLGGHVEASNER.E	16
PSTAT-3958	proteomics_stat	2630240	2630281	-	6	2	M.AMQLGGHVEASNER.E	18
PSTAT-3959	proteomics_stat	2630348	2630416	-	6	13	R.DFNPSGIILSGGPESTTEENSPR.A	27
PSTAT-3960	proteomics_stat	2630483	2630530	-	6	9	R.IILDFGSQYTLVAR.R	20
PSTAT-3961	proteomics_stat	2630656	2630706	-	5	5	I.SGAGIQESHVHDVTITK.E	21
PSTAT-3962	proteomics_stat	2630656	2630709	-	5	23	R.ISGAGIQESHVHDVTITK.E	22
PSTAT-3963	proteomics_stat	2630776	2630808	-	5	7	K.EIIHQMGGLR.S	15
PSTAT-3964	proteomics_stat	2630776	2630814	-	5	12	R.LKEIIHQMGGLR.S	17
PSTAT-3965	proteomics_stat	2630833	2630889	-	5	5	R.YFQSDNAADKLVPEGIEGR.V	23
PSTAT-3966	proteomics_stat	2630860	2630889	-	5	5	R.YFQSDNAADK.L	14
PSTAT-3967	proteomics_stat	2630905	2630934	-	5	3	R.GMGSLGAMSK.G	14
PSTAT-3968	proteomics_stat	2630953	2631045	-	5	61	K.AIAAGASAVMVGSMLAGTEESPEIELYQGR.S	35
PSTAT-3969	proteomics_stat	2631067	2631168	-	5	52	R.IVTGVGPQITAVADAVEALEGTGIPVIADGGIR.F	38
PSTAT-3970	proteomics_stat	2631067	2631171	-	5	3	T.RIVTGVGPQITAVADAVEALEGTGIPVIADGGIR.F	39
PSTAT-3971	proteomics_stat	2631169	2631204	-	5	3	K.VGIGPGSICTTR.I	16
PSTAT-3972	proteomics_stat	2631205	2631237	-	5	8	R.ALAEAGCSAVK.V	15
PSTAT-3973	proteomics_stat	2631238	2631291	-	5	6	K.YPDLQIIGGNVATAAGAR.A	22
PSTAT-3974	proteomics_stat	2631238	2631297	-	5	30	R.AKYPDLQIIGGNVATAAGAR.A	24
PSTAT-3975	proteomics_stat	2631313	2631393	-	5	6	R.VDALVAAGVDVLLIDSSSHGHSEGLQR.I	31
PSTAT-3976	proteomics_stat	2631313	2631435	-	5	7	R.VGAAVAGAGAGNEERVDALVAAGVDVLLIDSSSHGHSEGLQR.I	45
PSTAT-3977	proteomics_stat	2631394	2631435	-	5	11	R.VGAAVAGAGAGNEER.V	18
PSTAT-3978	proteomics_stat	2631496	2631546	-	5	197	K.ALVVDFEHLIGMITVK.D	21
PSTAT-3979	proteomics_stat	2631625	2631672	-	5	9	R.FVTDLNQPVSVYMPK.E	20
PSTAT-3980	proteomics_stat	2631682	2631747	-	5	79	R.NGFAGYPPVTEENELVGIITGR.D	26
PSTAT-3981	proteomics_stat	2631769	2631828	-	5	2	K.HESGVVTDPPQTVLPTTTLR.E	24
PSTAT-3982	proteomics_stat	2631772	2631828	-	5	6	K.HESGVVTDPPQTVLPTTTLR.E	23
PSTAT-3983	proteomics_stat	2631772	2631831	-	5	2	K.KHESGVVTDPPQTVLPTTTLR.E	24

PSTAT-3984	proteomics_stat	2631772	2631837	-	5	6	R.VKKHESGVVTDQPVLPTTLR.E	26
PSTAT-3985	proteomics_stat	2631877	2631924	-	5	36	R.LAIALAQEGGIGFIHK.N	20
PSTAT-3986	proteomics_stat	2631925	2631975	-	5	20	R.LNIPMLSAAMDTVTEAR.L	21
PSTAT-3987	proteomics_stat	2631985	2632074	-	5	43	K.EALTFDDVLLVPAHSTVLPNTADLSTQLTK.T	34
PSTAT-3988	proteomics_stat	2633948	2633977	-	6	2	K.RNTLTPTQMR.K	14
PSTAT-3989	proteomics_stat	2633975	2634004	-	6	3	K.EGENPYANKR.N	14
PSTAT-3990	proteomics_stat	2633978	2634004	-	6	2	K.EGENPYANK.R	13
PSTAT-3991	proteomics_stat	2634095	2634154	-	6	7	K.YAHAGGYNPPIVVIHGNQVK.D	24
PSTAT-3992	proteomics_stat	2634176	2634220	-	6	2	R.IMTMAVEDHQPLVR.G	19
PSTAT-3993	proteomics_stat	2634386	2634436	-	6	3	R.SLVIVVNKWDGLSQEVK.E	21
PSTAT-3994	proteomics_stat	2634437	2634493	-	6	7	R.EGISDQDLSLLGFI LNSGR.S	23
PSTAT-3995	proteomics_stat	2634734	2634766	-	6	2	K.LAIVGRPNVVK.S	15
PSTAT-3996	proteomics_stat	2634932	2635021	-	6	30	K.TDGLDPDQAVVDFYSLGLGEIYPIAASHGR.G	34
PSTAT-3997	proteomics_stat	2634932	2635051	-	6	2	R.EKPTFLVANKTDGLDPDQAVVDFYSLGLGEIYPIAASHGR.G	44
PSTAT-3998	proteomics_stat	2635169	2635228	-	6	3	R.EFICIDTGGIDGTEDGVETR.M	24
PSTAT-3999	proteomics_stat	2635334	2635378	-	6	4	N.MVPVVALVGRPNVVK.S	19
PSTAT-4000	proteomics_stat	2635499	2635525	-	6	8	K.DGTVYSITR.-	13
PSTAT-4001	proteomics_stat	2635544	2635591	-	6	12	K.VDSSGFQTEPVAADGK.L	20
PSTAT-4002	proteomics_stat	2635763	2635789	-	6	3	R.IYLV DQNR.V	13
PSTAT-4003	proteomics_stat	2635790	2635831	-	6	4	R.ELGSVNDFIVDGNR.I	18
PSTAT-4004	proteomics_stat	2635835	2635855	-	6	3	R.SGQIMWK.R	11
PSTAT-4005	proteomics_stat	2635856	2635945	-	6	40	R.LSDVDTPVVVNGVVFALAYNGNLTALDLR.S	34
PSTAT-4006	proteomics_stat	2635946	2635981	-	6	8	R.ISQATGSTEIDR.L	16
PSTAT-4007	proteomics_stat	2635982	2636029	-	6	4	R.VSAVLM EQQMIWQQR.I	20
PSTAT-4008	proteomics_stat	2636030	2636089	-	6	6	R.GESAPTTAFGA AVVGGDNGR.V	24
PSTAT-4009	proteomics_stat	2636090	2636128	-	6	3	K.WTVNLDMP SLR.G	17
PSTAT-4010	proteomics_stat	2636129	2636212	-	6	2	R.PVVSDGLVLIHTSNGQLQALNEADGAVK.W	32
PSTAT-4011	proteomics_stat	2636129	2636236	-	6	3	K.VAGEALSRPVVSDGLVLIHTSNGQLQALNEADGAVK.W	40
PSTAT-4012	proteomics_stat	2636237	2636290	-	6	3	K.AQVYALNTSDGTVAWQTK.V	22
PSTAT-4013	proteomics_stat	2636291	2636356	-	6	2	K.EPALLSGGVTVSGGHVYIGSEK.A	26
PSTAT-4014	proteomics_stat	2636291	2636374	-	6	7	K.DGWFSKEPALLSGGVTVSGGHVYIGSEK.A	32
PSTAT-4015	proteomics_stat	2636375	2636428	-	6	5	K.ALNADDGKEIWSVSLAEK.D	22
PSTAT-4016	proteomics_stat	2636706	2636747	-	4	2	K.SDVTPALSEMMQMK.I	18
PSTAT-4017	proteomics_stat	2636934	2636987	-	4	6	K.AAAQLQQGLADTS DENLK.A	22
PSTAT-4018	proteomics_stat	2636988	2637056	-	4	8	K.NTYGALASLELAQQFVDKNELEK.A	27
PSTAT-4019	proteomics_stat	2637075	2637152	-	4	6	R.SASLAYQNAVTA VSEGKPD SIPAAEK.F	30
PSTAT-4020	proteomics_stat	2637338	2637388	-	6	10	R.SGEQTAVAQDSVA AHLR.T	21
PSTAT-4021	proteomics_stat	2637344	2637388	-	6	2	R.SGEQTAVAQDSVA AHL.L	19
PSTAT-4022	proteomics_stat	2637485	2637520	-	6	2	K.LMTNHGGGNFKK.Q	16
PSTAT-4023	proteomics_stat	2637548	2637625	-	6	3	K.ADPVVDIYLVASGADTQSAAMALAER.L	30
PSTAT-4024	proteomics_stat	2637626	2637664	-	6	2	R.LVLLVQAVNPEFK.A	17
PSTAT-4025	proteomics_stat	2637830	2637871	-	6	3	K.LLESAGIAYTVNQR.L	18
PSTAT-4026	proteomics_stat	2637896	2637964	-	6	2	K.NPEVQALLNDAPALGDYLDEESR.E	27
PSTAT-4027	proteomics_stat	2638025	2638063	-	6	2	R.DALVAFLEQHKEK.L	17
PSTAT-4028	proteomics_stat	2638031	2638075	-	6	3	R.ANYRDALVAFLEQHK.E	19
PSTAT-4029	proteomics_stat	2638286	2638327	-	6	19	R.AGIEHLLYNQEQR.L	18

PSTAT-4030	proteomics_stat	2638328	2638378	-	6	4	R.NGDSLTLRPEGTAGCVR.A	21
PSTAT-4031	proteomics_stat	2638403	2638435	-	6	3	R.AIGEVTDVVEK.E	15
PSTAT-4032	proteomics_stat	2638403	2638438	-	6	2	K.RAIGEVTDVVEK.E	16
PSTAT-4033	proteomics_stat	2638439	2638471	-	6	3	R.LPIVEQTPLFK.R	15
PSTAT-4034	proteomics_stat	2638439	2638507	-	6	2	K.NVLGSYGYSEIRLPIVEQTPLFK.R	27
PSTAT-4035	proteomics_stat	2638472	2638507	-	6	2	K.NVLGSYGYSEIR.L	16
PSTAT-4036	proteomics_stat	2638526	2638570	-	6	4	R.GMNDYLPGETAIWQR.I	19
PSTAT-4037	proteomics_stat	2638774	2638812	-	5	3	R.LDNNDMIDQLEAR.I	17
PSTAT-4038	proteomics_stat	2638774	2638818	-	5	3	K.DRLDNNDMIDQLEAR.I	19
PSTAT-4039	proteomics_stat	2638819	2638848	-	5	3	K.SGLYEDGVRK.D	14
PSTAT-4040	proteomics_stat	2638849	2638956	-	5	19	R.LEDIITPMDVSIIGCVVNGPGEALVSTLGVGTGGNKK.S	40
PSTAT-4041	proteomics_stat	2638957	2639001	-	5	2	R.QEFDVIGTVNALEQR.L	19
PSTAT-4042	proteomics_stat	2639116	2639169	-	5	60	K.SAIGLGLLLSEGIGDTLR.V	22
PSTAT-4043	proteomics_stat	2639185	2639235	-	5	4	K.QIDQPLHLGITEAGGAR.S	21
PSTAT-4044	proteomics_stat	2639338	2639382	-	5	3	K.YGEPTPQALLESAMR.H	19
PSTAT-4045	proteomics_stat	2639428	2639451	-	5	3	A.RDKNIPIR.I	12
PSTAT-4046	proteomics_stat	2639476	2639508	-	5	2	R.INPGNIGNEER.I	15
PSTAT-4047	proteomics_stat	2639680	2639715	-	5	2	R.TTDVEATVNQIK.A	16
PSTAT-4048	proteomics_stat	2639716	2639784	-	5	3	R.IYVGNVPIGDGAPIAVQSMTNTR.T	27
PSTAT-4049	proteomics_stat	2639916	2639975	-	4	2	K.IGAAPAVQIQYQGKPVLSR.F	24
PSTAT-4050	proteomics_stat	2639934	2639975	-	4	2	K.IGAAPAVQIQYQ GK.P	18
PSTAT-4051	proteomics_stat	2639982	2640020	-	4	7	K.DGNLNLGTGQAPYK.L	17
PSTAT-4052	proteomics_stat	2639982	2640023	-	4	4	R.KDGNLNLGTGQAPYK.L	18
PSTAT-4053	proteomics_stat	2640612	2640656	-	4	3	R.LVHIPEEELLPGLEK.Q	19
PSTAT-4054	proteomics_stat	2640681	2640731	-	4	4	R.DIEEDKAPADLASTFLR.G	21
PSTAT-4055	proteomics_stat	2640759	2640797	-	4	2	R.EQLGLSQQAVAER.L	17
PSTAT-4056	proteomics_stat	2640813	2640863	-	4	4	M.NTEATHDQNEALTTGAR.L	21
PSTAT-4057	proteomics_stat	2640813	2640866	-	4	5	R.MNTEATHDQNEALTTGAR.L	22
PSTAT-4058	proteomics_stat	2642464	2642505	-	5	25	R.EIAYFFGEGEVCP.R	18
PSTAT-4059	proteomics_stat	2642506	2642574	-	5	15	R.ADYADSLTENGTHGSDSVESAAR.E	27
PSTAT-4060	proteomics_stat	2642506	2642610	-	5	3	A.TNPANALAGTLRADYADSLTENGTHGSDSVESAAR.E	39
PSTAT-4061	proteomics_stat	2642575	2642625	-	5	19	R.DLLGATNPANALAGTLR.A	21
PSTAT-4062	proteomics_stat	2642575	2642631	-	5	13	R.HRDLLGATNPANALAGTLR.A	23
PSTAT-4063	proteomics_stat	2642743	2642769	-	5	4	M.LHLTVEQAR.G	13
PSTAT-4064	proteomics_stat	2642743	2642772	-	5	15	K.MLHLTVEQAR.G	14
PSTAT-4065	proteomics_stat	2642788	2642808	-	5	2	R.FEAAGFK.I	11
PSTAT-4066	proteomics_stat	2642809	2642835	-	5	3	K.NVIGNIFAR.F	13
PSTAT-4067	proteomics_stat	2642836	2642871	-	5	14	R.TFSIIPNAVAK.N	16
PSTAT-4068	proteomics_stat	2645759	2645782	-	6	2	R.HILGTDGK.S	12
PSTAT-4069	proteomics_stat	2645783	2645848	-	6	3	R.MDASGYPQSAPLPANNVLQIER.H	26
PSTAT-4070	proteomics_stat	2646002	2646046	-	6	2	R.WLSTQESNALFLAAR.T	19
PSTAT-4071	proteomics_stat	2646047	2646148	-	6	2	R.DNALMLSLLEENKLLPDEQYTLNLNLSQQAFGER.W	38
PSTAT-4072	proteomics_stat	2646476	2646520	-	6	2	R.AGEQGYSVPTDAINR.G	19
PSTAT-4073	proteomics_stat	2647268	2647318	-	6	2	R.VMAQAWTADDFGSNESK.V	21
PSTAT-4074	proteomics_stat	2647487	2647540	-	6	3	R.YGADIYDIYGQVIEGQGR.L	22
PSTAT-4075	proteomics_stat	2647739	2647780	-	6	2	R.AVGVLHLPLGDENR.R	18

PSTAT-4076	proteomics_stat	2647805	2647849	-	6	3	R.HDLYLSTLVVRPGDK.S	19
PSTAT-4077	proteomics_stat	2648102	2648131	-	6	2	K.APNEAVSSVR.F	14
PSTAT-4078	proteomics_stat	2648438	2648503	-	6	4	R.RAEQAIWPADALPGIRPQFASK.S	26
PSTAT-4079	proteomics_stat	2649152	2649208	-	6	3	K.LPALDLAEFNIAGAPGYSK.Q	23
PSTAT-4080	proteomics_stat	2649242	2649328	-	6	3	K.GQTLTQATSDAQGHVQLENDKNAALLLAR.K	33
PSTAT-4081	proteomics_stat	2649329	2649415	-	6	3	R.YHNRLDIFTQSLENGAAQQGIEVSLLEK.G	33
PSTAT-4082	proteomics_stat	2649479	2649556	-	6	4	K.LLLPLGDIKPLQQAGVYLAVMNQAGR.Y	30
PSTAT-4083	proteomics_stat	2649659	2649706	-	6	7	R.VKPESLPAFISQWEYR.N	20
PSTAT-4084	proteomics_stat	2653124	2653174	-	6	6	R.KAPVEQWSAGATGLGVR.T	21
PSTAT-4085	proteomics_stat	2653325	2653348	-	6	5	R.LPLAEFHR.S	12
PSTAT-4086	proteomics_stat	2653349	2653390	-	6	4	R.LLASAAQENEPFWR.L	18
PSTAT-4087	proteomics_stat	2653451	2653537	-	6	11	R.LVLADGLIDASAQKPEMIIDAATLTGAAK.T	33
PSTAT-4088	proteomics_stat	2653538	2653573	-	6	11	K.KVEVMNTDAEGR.L	16
PSTAT-4089	proteomics_stat	2653607	2653654	-	6	3	K.LFLCCADNLIISGNFAK.L	20
PSTAT-4090	proteomics_stat	2653676	2653732	-	6	2	K.SDMGGAATVTGALAFATR.G	23
PSTAT-4091	proteomics_stat	2653760	2653795	-	6	2	K.GITFDSGGYSIK.Q	16
PSTAT-4092	proteomics_stat	2653796	2653873	-	6	6	R.SPVLALDYNPTGDKEAPVYACLVGK.G	30
PSTAT-4093	proteomics_stat	2653886	2653921	-	6	4	R.EQGYMGLHTVGR.G	16
PSTAT-4094	proteomics_stat	2653886	2653936	-	6	6	K.GEDLREQGYMGLHTVGR.G	21
PSTAT-4095	proteomics_stat	2653958	2653993	-	6	2	R.AVDLISNVAGDR.V	16
PSTAT-4096	proteomics_stat	2653994	2654047	-	6	13	R.DTINAPAEELGPSQLAQR.A	22
PSTAT-4097	proteomics_stat	2654171	2654209	-	6	9	K.HVQLSGEGWDADR.C	17
PSTAT-4098	proteomics_stat	2654210	2654233	-	6	4	R.KIDGLGIK.H	12
PSTAT-4099	proteomics_stat	2654243	2654317	-	6	5	K.ATYSINNDGITLHLNGADDLGLIQR.A	29
PSTAT-4100	proteomics_stat	2654330	2654362	-	6	3	K.ITLSTQPADAR.W	15
PSTAT-4101	proteomics_stat	2654684	2654731	-	6	3	R.EIGEALYDAYPDLDPK.T	20
PSTAT-4102	proteomics_stat	2654800	2654835	-	5	2	R.VTDEDLVVEIPR.Y	16
PSTAT-4103	proteomics_stat	2654854	2654937	-	5	2	R.EGFDLPESESEQEDDMLDKAWGLEPESR.L	32
PSTAT-4104	proteomics_stat	2654881	2654937	-	5	3	R.EGFDLPESESEQEDDMLDK.A	23
PSTAT-4105	proteomics_stat	2654974	2655006	-	5	10	R.NGIEIEHACEK.S	15
PSTAT-4106	proteomics_stat	2655007	2655096	-	5	7	K.IVILPHQDLCPDGAVLEANSGETILDAALR.N	34
PSTAT-4107	proteomics_stat	2655164	2655199	-	6	3	K.NVDKQTQDFAAR.R	16
PSTAT-4108	proteomics_stat	2655200	2655280	-	6	2	R.QVIDDAAAHLSEVAQGDDVDAIEQAIK.N	31
PSTAT-4109	proteomics_stat	2655281	2655343	-	6	2	R.VLESLHGALAADAALLSAAER.Q	25
PSTAT-4110	proteomics_stat	2655383	2655415	-	6	9	K.DSMSYAEQDVK.A	15
PSTAT-4111	proteomics_stat	2655494	2655547	-	6	16	R.VTFQVDADGLLSVTAMEK.S	22
PSTAT-4112	proteomics_stat	2655632	2655676	-	6	3	K.DGQTAMSIHVMQGER.E	19
PSTAT-4113	proteomics_stat	2655632	2655700	-	6	2	R.AQDFTTFKDGQTAMSIHVMQGER.E	27
PSTAT-4114	proteomics_stat	2656208	2656291	-	6	3	R.GVFEVLATGGDSALGGDDFDHLLADYIR.E	32
PSTAT-4115	proteomics_stat	2656574	2656660	-	6	5	R.YPHLPYQFQASENGLPMIETAAGLLNPVR.V	33
PSTAT-4116	proteomics_stat	2656700	2656744	-	6	3	R.TNAALDTANTISSVK.R	19
PSTAT-4117	proteomics_stat	2656745	2656807	-	6	6	R.HLLPSVVHYQQQGHVGYDAR.T	25
PSTAT-4118	proteomics_stat	2656766	2656807	-	6	2	R.HLLPSVVHYQQQGH.S	18
PSTAT-4119	proteomics_stat	2656808	2656846	-	6	5	R.SGQAETLADHEGR.H	17
PSTAT-4120	proteomics_stat	2656904	2656954	-	6	5	M.ALLQISEPGLSAAPHQR.R	21
PSTAT-4121	proteomics_stat	2657229	2657288	-	4	2	R.AEYLLSLHGFDLASEQHTVR.D	24



PSTAT-4122	proteomics_stat	2657421	2657453	-	4	2	R.YQLDQALSLR.F	15
PSTAT-4123	proteomics_stat	2657967	2658002	-	4	11	K.IHCSILAEDAIAK.A	16
PSTAT-4124	proteomics_stat	2658045	2658071	-	4	2	K.SLDEAQAIAK.N	13
PSTAT-4125	proteomics_stat	2658186	2658266	-	4	7	R.NVGSFDNNDENVGSGMVGAPACGDVMK.L	31
PSTAT-4126	proteomics_stat	2658267	2658293	-	4	4	K.VIDHYENPR.N	13
PSTAT-4127	proteomics_stat	2658342	2658380	-	4	4	K.QGVDLNSIEWAHH.-	17
PSTAT-4128	proteomics_stat	2658381	2658410	-	4	2	R.DLSPLWEMYK.Q	14
PSTAT-4129	proteomics_stat	2658381	2658416	-	4	7	R.LRDLSPLWEMYK.Q	16
PSTAT-4130	proteomics_stat	2658432	2658476	-	4	22	R.FTTEEEIDYTIELVR.K	19
PSTAT-4131	proteomics_stat	2658492	2658527	-	4	2	L.GLNDELAHSSIR.F	16
PSTAT-4132	proteomics_stat	2658492	2658530	-	4	2	A.LGLNDELAHSSIR.F	17
PSTAT-4133	proteomics_stat	2658492	2658533	-	4	4	R.ALGLNDELAHSSIR.F	18
PSTAT-4134	proteomics_stat	2658534	2658599	-	4	12	K.DLAVSSGSACTSASLEPSYVLR.A	26
PSTAT-4135	proteomics_stat	2658747	2658782	-	4	14	R.IAKEEMATEMER.L	16
PSTAT-4136	proteomics_stat	2658783	2658833	-	4	27	R.SGTLPVHQIVGMGEAYR.I	21
PSTAT-4137	proteomics_stat	2658843	2658878	-	4	9	R.IEAQMHGGGHER.G	16
PSTAT-4138	proteomics_stat	2658897	2658920	-	4	3	K.GIGALYVR.R	12
PSTAT-4139	proteomics_stat	2658936	2658965	-	4	2	K.VDLMFSFGHK.I	14
PSTAT-4140	proteomics_stat	2658966	2658992	-	4	2	K.LPIDLSQLK.V	13
PSTAT-4141	proteomics_stat	2658966	2659034	-	4	10	R.GIIYHVDATQSVGKLPIDLSQLK.V	27
PSTAT-4142	proteomics_stat	2658993	2659034	-	4	9	R.GIIYHVDATQSVGK.L	18
PSTAT-4143	proteomics_stat	2659170	2659205	-	4	4	R.EGFEVTYLAPQR.N	16
PSTAT-4144	proteomics_stat	2659278	2659301	-	4	3	K.GAANFYQK.K	12
PSTAT-4145	proteomics_stat	2659302	2659352	-	4	39	R.EIVFTSGATESDNLAIAK.G	21
PSTAT-4146	proteomics_stat	2659353	2659388	-	4	5	R.NQIADLVGADPR.E	16
PSTAT-4147	proteomics_stat	2659389	2659427	-	4	4	R.FGWQAEEAVDIAR.N	17
PSTAT-4148	proteomics_stat	2659437	2659487	-	4	6	K.MMQFMTMDGTFGNPASR.S	21
PSTAT-4149	proteomics_stat	2659500	2659547	-	4	6	K.LPIYLDYSATTPVDPR.V	20
PSTAT-4150	proteomics_stat	2659500	2659553	-	4	5	A.MKLPIYLDYSATTPVDPR.V	22
PSTAT-4151	proteomics_stat	2659731	2659763	-	4	2	V.NNQEVLDVSGR.Q	15
PSTAT-4152	proteomics_stat	2659881	2659946	-	4	27	K.DASSIAVGEVISAVIDESVDATR.C	26
PSTAT-4153	proteomics_stat	2660010	2660051	-	4	2	R.QGISLSYLEQLFSR.L	18
PSTAT-4154	proteomics_stat	2660623	2660655	-	5	3	R.GILASIEQQNK.G	15
PSTAT-4155	proteomics_stat	2660656	2660691	-	5	4	R.ARPESQELNLR.G	16
PSTAT-4156	proteomics_stat	2660713	2660742	-	5	7	R.ENHPGQVMNK.L	14
PSTAT-4157	proteomics_stat	2660743	2660790	-	5	4	R.FYGHLEQTLATGFIR.E	20
PSTAT-4158	proteomics_stat	2661001	2661048	-	5	5	K.SVAEAANTPVALVFR.E	20
PSTAT-4159	proteomics_stat	2661277	2661327	-	5	6	R.IVLVETSHTGNMGSVAR.A	21
PSTAT-4160	proteomics_stat	2682327	2682389	-	4	130	K.ELAGWMCDVLDVINDEAVIER.I	25
PSTAT-4161	proteomics_stat	2682417	2682440	-	4	2	R.VGTPAII.R	12
PSTAT-4162	proteomics_stat	2682441	2682467	-	4	23	K.SPFVTSGIR.V	13
PSTAT-4163	proteomics_stat	2682513	2682605	-	4	4	K.VVSGGTDNHLFLVDLVDKLNLTGKEAALGR.A	35
PSTAT-4164	proteomics_stat	2682537	2682605	-	4	54	K.VVSGGTDNHLFLVDLVDKLNLTGK.E	27
PSTAT-4165	proteomics_stat	2682537	2682608	-	4	2	Y.KVVSGGTDNHLFLVDLVDKLNLTGK.E	28
PSTAT-4166	proteomics_stat	2682537	2682635	-	4	3	M.VEVFLERGYKVVSGGTDNHLFLVDLVDKLNLTGK.E	37
PSTAT-4167	proteomics_stat	2682552	2682602	-	4	2	V.VSGGTDNHLFLVDLVDK.N	21

PSTAT-4168	proteomics_stat	2682552	2682605	-	4	26	K.VVSGGTDNHLFLVLDLVDK.N	22
PSTAT-4169	proteomics_stat	2682615	2682638	-	4	5	A.MVEVFLER.G	12
PSTAT-4170	proteomics_stat	2682615	2682641	-	4	10	K.AMVEVFLER.G	13
PSTAT-4171	proteomics_stat	2682651	2682674	-	4	6	K.TYQQQVAK.N	12
PSTAT-4172	proteomics_stat	2682675	2682713	-	4	6	K.AVALKEAMEPEFK.T	17
PSTAT-4173	proteomics_stat	2682714	2682776	-	4	21	K.LNSAVFPGGQGGPLMHVIAGK.A	25
PSTAT-4174	proteomics_stat	2682714	2682779	-	4	11	K.KLNSAVFPGGQGGPLMHVIAGK.A	26
PSTAT-4175	proteomics_stat	2682717	2682779	-	4	4	K.KLNSAVFPGGQGGPLMHVIAG.K	25
PSTAT-4176	proteomics_stat	2682729	2682779	-	4	3	K.KLNSAVFPGGQGGPLMH.V	21
PSTAT-4177	proteomics_stat	2682732	2682779	-	4	4	K.KLNSAVFPGGQGGPLM.H	20
PSTAT-4178	proteomics_stat	2682777	2682803	-	4	3	K.GGSEELYKK.L	13
PSTAT-4179	proteomics_stat	2682780	2682806	-	4	2	A.KGGSEELYK.K	13
PSTAT-4180	proteomics_stat	2682975	2683019	-	4	3	I.IGGFSAYSGVVDWAK.M	19
PSTAT-4181	proteomics_stat	2682975	2683022	-	4	3	M.IIGGFSAYSGVVDWAK.M	20
PSTAT-4182	proteomics_stat	2682975	2683025	-	4	304	K.MIIGGFSAYSGVVDWAK.M	21
PSTAT-4183	proteomics_stat	2683050	2683094	-	4	8	Y.GIDATGHIDYADLEK.Q	19
PSTAT-4184	proteomics_stat	2683050	2683115	-	4	26	K.LYNIVPYGIDATGHIDYADLEK.Q	26
PSTAT-4185	proteomics_stat	2683116	2683160	-	4	2	H.GGHLTHGSPVNFSGK.L	19
PSTAT-4186	proteomics_stat	2683116	2683223	-	4	7	N.FAVYTALLEPGDVLGMNLAHGHLTHGSPVNFSGK.L	40
PSTAT-4187	proteomics_stat	2683116	2683241	-	4	10	H.SGSQANFAVYTALLEPGDVLGMNLAHGHLTHGSPVNFSGK.L	46
PSTAT-4188	proteomics_stat	2683242	2683280	-	4	3	K.ELFGADYANVQPH.S	17
PSTAT-4189	proteomics_stat	2683242	2683286	-	4	5	R.AKELFGADYANVQPH.S	19
PSTAT-4190	proteomics_stat	2683287	2683334	-	4	2	Y.GGCEYVDIVEQLAIDR.A	20
PSTAT-4191	proteomics_stat	2683287	2683337	-	4	14	Y.YGGCEYVDIVEQLAIDR.A	21
PSTAT-4192	proteomics_stat	2683287	2683340	-	4	694	R.YYGGCEYVDIVEQLAIDR.A	22
PSTAT-4193	proteomics_stat	2683341	2683367	-	4	11	K.YAEGYPGKR.Y	13
PSTAT-4194	proteomics_stat	2683344	2683367	-	4	5	K.YAEGYPGK.R	12
PSTAT-4195	proteomics_stat	2683368	2683400	-	4	4	V.MQAQGSQLTNK.Y	15
PSTAT-4196	proteomics_stat	2683368	2683403	-	4	29	R.VMQAQGSQLTNK.Y	16
PSTAT-4197	proteomics_stat	2683368	2683406	-	4	2	P.RVMQAQGSQLTNK.Y	17
PSTAT-4198	proteomics_stat	2683404	2683454	-	4	7	R.QEEHIELIASENYTSR.V	21
PSTAT-4199	proteomics_stat	2683404	2683460	-	4	494	K.VRQEEHIELIASENYTSR.V	23
PSTAT-4200	proteomics_stat	2683461	2683517	-	4	12	R.EMNIADYDAELWQAMEQEK.V	23
PSTAT-4201	proteomics_stat	2685194	2685250	-	6	2	K.IEIVVPPDIVDTCVDTIIR.T	23
PSTAT-4202	proteomics_stat	2685257	2685289	-	6	2	R.GAEYMVDFLPK.V	15
PSTAT-4203	proteomics_stat	2685329	2685379	-	6	4	R.EALAEVGITGMTVTEVK.G	21
PSTAT-4204	proteomics_stat	2685380	2685421	-	6	3	K.IDAIIKPFKLDDVR.E	18
PSTAT-4205	proteomics_stat	2686196	2686276	-	6	6	R.NSKPFIAINCGALPEQLLESELFHAR.G	31
PSTAT-4206	proteomics_stat	2686818	2686904	-	4	4	R.KPAGNFSPDTPHESEKPA PSTHEVTPDEP.-	33
PSTAT-4207	proteomics_stat	2686920	2686949	-	4	2	R.KLENLTDIER.Q	14
PSTAT-4208	proteomics_stat	2688092	2688178	-	6	2	K.QADSAVELENVELAPLVETVVSASLSPAR.A	33
PSTAT-4209	proteomics_stat	2689711	2689764	-	5	2	T.VSNSWHPENWGEDGPWMR.I	22
PSTAT-4210	proteomics_stat	2689711	2689767	-	5	6	R.TVNSWHPENWGEDGPWMR.I	23
PSTAT-4211	proteomics_stat	2689777	2689806	-	5	4	R.VTIMMPHPER.V	14
PSTAT-4212	proteomics_stat	2689807	2689881	-	5	18	K.VTETYPANPNGSPNGITAVTTESGR.V	29
PSTAT-4213	proteomics_stat	2689807	2689914	-	5	3	L.VALRYVDNFGKVTETYPANPNGSPNGITAVTTESGR.V	40

PSTAT-4214	proteomics_stat	2689921	2689953	-	5	6	R.DAAHLAALESK.G	15
PSTAT-4215	proteomics_stat	2690242	2690328	-	5	8	R.TGLEDHALVACGGFSYGDVLGAGEGWAK.S	33
PSTAT-4216	proteomics_stat	2690329	2690379	-	5	15	R.AGFDAIDVHMSDLLTGR.T	21
PSTAT-4217	proteomics_stat	2690380	2690427	-	5	6	R.EQGVNSHVEMAAAFHR.A	20
PSTAT-4218	proteomics_stat	2690443	2690505	-	5	4	K.LSFDINEDVAAPYIATGARPK.V	25
PSTAT-4219	proteomics_stat	2690449	2690505	-	5	2	K.LSFDINEDVAAPYIATGAR.P	23
PSTAT-4220	proteomics_stat	2690506	2690538	-	5	3	K.SNDADPGLNVK.L	15
PSTAT-4221	proteomics_stat	2690539	2690577	-	5	2	R.DNPECADQEHQAK.S	17
PSTAT-4222	proteomics_stat	2690539	2690583	-	5	11	R.LRDNPECADQEHQAK.S	19
PSTAT-4223	proteomics_stat	2690584	2690619	-	5	5	R.VVWAETTWQMQR.L	16
PSTAT-4224	proteomics_stat	2690677	2690769	-	5	3	R.AADREAVESVLAQHGLADCVHYVGQAVSGDR.F	35
PSTAT-4225	proteomics_stat	2690770	2690817	-	5	37	R.LAALFNEELGAVIQVR.A	20
PSTAT-4226	proteomics_stat	2690818	2690910	-	5	5	R.SDGGLLVTLAEMAFAGHCGIDADIATLGDDR.L	35
PSTAT-4227	proteomics_stat	2690935	2690973	-	5	3	K.GFYDAIQALVAQR.K	17
PSTAT-4228	proteomics_stat	2691022	2691066	-	5	7	K.GNNALGATALAQVYR.Q	19
PSTAT-4229	proteomics_stat	2691067	2691129	-	5	28	R.HTTTPQLSTEDNALLLIDLKG.G	25
PSTAT-4230	proteomics_stat	2691145	2691189	-	5	16	R.EMTSPLSLVISAFAR.V	19
PSTAT-4231	proteomics_stat	2691238	2691291	-	5	7	K.AVGEELCPALGLTIPVGK.D	22
PSTAT-4232	proteomics_stat	2691292	2691360	-	5	4	K.LSANWMAAAGHPGEDAGLYEAVK.A	27
PSTAT-4233	proteomics_stat	2691367	2691426	-	5	5	R.LAVGEALTNIAATQIGDIK.R	24
PSTAT-4234	proteomics_stat	2691370	2691426	-	5	3	R.LAVGEALTNIAATQIGDIK.R	23
PSTAT-4235	proteomics_stat	2691427	2691465	-	5	5	R.APVALLDFAASAR.L	17
PSTAT-4236	proteomics_stat	2691619	2691651	-	5	2	K.RVLHLPTVAEK.T	15
PSTAT-4237	proteomics_stat	2691742	2691792	-	5	14	R.HFDNQPIDLPLDVLLGK.T	21
PSTAT-4238	proteomics_stat	2691793	2691858	-	5	65	R.ERAPYAVIGEATEELHLSLHDR.H	26
PSTAT-4239	proteomics_stat	2691859	2691915	-	5	4	R.YVLAVAADQLPLFDELCKR.E	23
PSTAT-4240	proteomics_stat	2691862	2691915	-	5	5	R.YVLAVAADQLPLFDELCKR.R	22
PSTAT-4241	proteomics_stat	2691916	2691981	-	5	4	R.EILSDEPGMSPLEIWCNESQER.Y	26
PSTAT-4242	proteomics_stat	2692003	2692104	-	5	3	R.CWQLGDANPILFIHVDVGAGGLSNAMPPELVSDGGR.G	38
PSTAT-4243	proteomics_stat	2692303	2692350	-	5	5	R.GYHKPIMLAGGIGNIR.A	20
PSTAT-4244	proteomics_stat	2692351	2692380	-	5	11	K.VNSHNGEELR.G	14
PSTAT-4245	proteomics_stat	2692351	2692395	-	5	5	R.TYEKKVNSHNGEELR.G	19
PSTAT-4246	proteomics_stat	2692396	2692419	-	5	2	R.PALNGYFR.T	12
PSTAT-4247	proteomics_stat	2692396	2692434	-	5	3	N.NEFGPALNGYFR.T	17
PSTAT-4248	proteomics_stat	2692396	2692491	-	5	2	R.IVTALDIMTEGPLGGAAFNNEFGPALNGYFR.T	36
PSTAT-4249	proteomics_stat	2692420	2692491	-	5	6	R.IVTALDIMTEGPLGGAAFNNEFGR.P	28
PSTAT-4250	proteomics_stat	2692492	2692542	-	5	2	R.IPGFEQPWEEDFGKPER.I	21
PSTAT-4251	proteomics_stat	2692543	2692578	-	5	5	K.AGLVGFSVSNLR.I	16
PSTAT-4252	proteomics_stat	2692594	2692689	-	5	7	K.VETHNHPTAISPWPGAATGSGGEIRDEGATGR.G	36
PSTAT-4253	proteomics_stat	2692615	2692689	-	5	5	K.VETHNHPTAISPWPGAATGSGGEIR.D	29
PSTAT-4254	proteomics_stat	2692690	2692728	-	5	9	R.YDFHQEPAHILMK.V	17
PSTAT-4255	proteomics_stat	2692729	2692752	-	5	2	Y.FADHETGR.Y	12
PSTAT-4256	proteomics_stat	2692729	2692755	-	5	7	R.YFADHETGR.Y	13
PSTAT-4257	proteomics_stat	2692756	2692794	-	5	10	K.DNAAVMEGSEVGR.Y	17
PSTAT-4258	proteomics_stat	2692756	2692839	-	5	2	K.NTFETTPDHVLSAYKDNAAVMEGSEVGR.Y	32
PSTAT-4259	proteomics_stat	2692861	2692905	-	5	2	K.IFNADWVIDGEQQPK.S	19

PSTAT-4260	proteomics_stat	2692861	2692911	-	5	2	R.HKIFNADWVIDGEQPK.S	21
PSTAT-4261	proteomics_stat	2692912	2692977	-	5	4	K.LGRNPNDIELYMFAQANSEHCR.H	26
PSTAT-4262	proteomics_stat	2692978	2693034	-	5	65	R.LGLALAEDEIDYLQDAFTK.L	23
PSTAT-4263	proteomics_stat	2693062	2693163	-	5	9	R.MMETVFFALDDAEQLFAHHQPTPVTSDLLGQGR.Q	38
PSTAT-4264	proteomics_stat	2693164	2693241	-	5	16	R.GVAYYIEAGTLTNEQWQQVTAELHDR.M	30
PSTAT-4265	proteomics_stat	2693242	2693295	-	5	2	K.ATDIAHNCGLQQVNR.LER.G	22
PSTAT-4266	proteomics_stat	2693251	2693295	-	5	10	K.ATDIAHNCGLQQVNR.L	19
PSTAT-4267	proteomics_stat	2693296	2693346	-	5	3	K.LLLVTPRPGTISPWSSK.A	21
PSTAT-4268	proteomics_stat	2693347	2693385	-	5	11	K.YGPALASHAPQGK.L	17
PSTAT-4269	proteomics_stat	2693395	2693484	-	5	25	R.LPVHNIYAEYVHFADLNAPLNDDDEHAQLER.L	34
PSTAT-4270	proteomics_stat	2693521	2693547	-	5	2	R.GSPALSAFR.I	13
PSTAT-4271	proteomics_stat	2699047	2699088	-	5	3	R.AVMTGLKDDAVAEMK.R	18
PSTAT-4272	proteomics_stat	2699089	2699148	-	5	8	K.AIAAIPEMHELNIIGHAIIGR.A	24
PSTAT-4273	proteomics_stat	2699149	2699187	-	5	7	K.VNAGHGLTYHNVK.A	17
PSTAT-4274	proteomics_stat	2699158	2699187	-	5	5	K.VNAGHGLTYH.N	14
PSTAT-4275	proteomics_stat	2699230	2699259	-	5	2	T.DAEQAQELAR.I	14
PSTAT-4276	proteomics_stat	2699230	2699262	-	5	6	K.TDAEQAQELAR.I	15
PSTAT-4277	proteomics_stat	2699326	2699385	-	5	2	R.LADAGIQVSLFIDADEEQIK.A	24
PSTAT-4278	proteomics_stat	2699364	2699435	-	4	23	A.AWMSQGSVTKCAMPANVWQMPGFR.F	28
PSTAT-4279	proteomics_stat	2699413	2699457	-	5	3	R.QEVTTGGLDVAGQR.D	19
PSTAT-4280	proteomics_stat	2699413	2699460	-	5	5	K.RQEVTTGGLDVAGQR.D	20
PSTAT-4281	proteomics_stat	2699701	2699748	-	5	2	M.AELLGLVNIDHIATLR.N	20
PSTAT-4282	proteomics_stat	2700749	2700796	-	6	4	R.FLGAELPYSVTVEIER.F	20
PSTAT-4283	proteomics_stat	2701013	2701060	-	6	3	K.APVILAVNKVDNVQEK.A	20
PSTAT-4284	proteomics_stat	2701196	2701270	-	6	5	R.IVGIHTEGAYQAIYVDTPLHMEEK.R	29
PSTAT-4285	proteomics_stat	2701423	2701458	-	5	5	R.KAEQAAAEQALK.K	16
PSTAT-4286	proteomics_stat	2701462	2701545	-	5	4	R.GEAHDQEFTIHCQVSGLSEPVVGTGSSR.R	32
PSTAT-4287	proteomics_stat	2701546	2701584	-	5	4	R.HLPLPTYLVVQVR.G	17
PSTAT-4288	proteomics_stat	2701615	2701656	-	5	2	R.LDEISPGDKQKDPK.T	18
PSTAT-4289	proteomics_stat	2701630	2701656	-	5	2	R.LDEISPGDK.Q	13
PSTAT-4290	proteomics_stat	2701996	2702049	-	5	7	K.LGYTFNHQELLQQALTHR.S	22
PSTAT-4291	proteomics_stat	2701996	2702052	-	5	4	R.KLGYTFNHQELLQQALTHR.S	23
PSTAT-4292	proteomics_stat	2702062	2702085	-	5	2	R.MNPVINR.L	12
PSTAT-4293	proteomics_stat	2702384	2702443	-	6	2	R.ATAIWMSFDKQEGEWPTGLR.L	24
PSTAT-4294	proteomics_stat	2702843	2702890	-	6	2	R.AVGLPGDKVTYDPVSK.E	20
PSTAT-4295	proteomics_stat	2702894	2702950	-	6	4	K.RGDIVVFKYPEDPKLDYIK.R	23
PSTAT-4296	proteomics_stat	2702951	2702977	-	6	4	K.TLIETGHPK.R	13
PSTAT-4297	proteomics_stat	2703188	2703229	-	6	2	R.QAAAQAAAGDSLK.A	18
PSTAT-4298	proteomics_stat	2703359	2703418	-	6	7	K.QIGNVELPQEAFLAILHVVGK.D	24
PSTAT-4299	proteomics_stat	2703644	2703673	-	6	2	R.VDALALITHR.D	14
PSTAT-4300	proteomics_stat	2703947	2704009	-	6	3	R.EVIYVDSPSKLPVNNIYELR.E	25
PSTAT-4301	proteomics_stat	2703980	2704009	-	6	3	R.EVIYVDSPSK.L	14
PSTAT-4302	proteomics_stat	2704010	2704075	-	6	3	R.EYDLDLITTAPTYYEVETTSR.E	26
PSTAT-4303	proteomics_stat	2704130	2704198	-	6	3	K.LSLNDASLFYEPSSSALGFGFR.C	27
PSTAT-4304	proteomics_stat	2704199	2704276	-	6	5	K.VKPQVYAGLFPVSSDDYEAFRDALGK.L	30
PSTAT-4305	proteomics_stat	2704214	2704276	-	6	3	K.VKPQVYAGLFPVSSDDYEAFR.D	25

PSTAT-4306	proteomics_stat	2704313	2704357	-	6	7	K.DIHGAPVGDTLTLAR.N	19
PSTAT-4307	proteomics_stat	2704439	2704474	-	6	3	K.VMSTGQTYNADR.L	16
PSTAT-4308	proteomics_stat	2704622	2704654	-	6	2	K.TGVGVQDVLER.L	15
PSTAT-4309	proteomics_stat	2704667	2704720	-	6	2	R.VAEIEIDIVGIDATDAVR.C	22
PSTAT-4310	proteomics_stat	2704667	2704750	-	6	2	K.IDLPAADPERVAEEIEDIVGIDATDAVR.C	32
PSTAT-4311	proteomics_stat	2704721	2704750	-	6	3	K.IDLPAADPER.V	14
PSTAT-4312	proteomics_stat	2704955	2704981	-	6	2	K.AQSVTLDYK.A	13
PSTAT-4313	proteomics_stat	2705003	2705044	-	6	2	R.EMEAQVLDSDMLER.E	18
PSTAT-4314	proteomics_stat	2706021	2706062	-	4	2	R.RPLPTMDNMPIESR.L	18
PSTAT-4315	proteomics_stat	2706063	2706119	-	4	3	K.FSWTPTWLPQGFSEVSSSR.R	23
PSTAT-4316	proteomics_stat	2706225	2706251	-	4	2	R.DGETLEQFR.V	13
PSTAT-4317	proteomics_stat	2706225	2706269	-	4	3	R.VDLLDRDGETLEQFR.V	19
PSTAT-4318	proteomics_stat	2706414	2706518	-	4	4	R.GNEISYFEPGLEPFTLNGDYIVDSLPSLIYDFKR.L	39
PSTAT-4319	proteomics_stat	2706417	2706518	-	4	3	R.GNEISYFEPGLEPFTLNGDYIVDSLPSLIYDFK.R	38
PSTAT-4320	proteomics_stat	2706621	2706707	-	4	5	A.TPASGALLQQMNLASQSLNYELSFISINK.Q	33
PSTAT-4321	proteomics_stat	2706917	2706994	-	6	4	K.ASPVSLGVPSEATANNGQQQVQEQR.R	30
PSTAT-4322	proteomics_stat	2707166	2707252	-	6	2	R.VMAAIEEPPVRQPATLIPEAQPHQWQK.M	33
PSTAT-4323	proteomics_stat	2707253	2707306	-	6	2	R.DSMRGDTPEVLHFDISSR.V	22
PSTAT-4324	proteomics_stat	2707651	2707695	-	5	3	K.EISNPENLMLSEELR.Q	19
PSTAT-4325	proteomics_stat	2707696	2707761	-	5	3	R.RPPSSDVDAIEAENFESGGALK.E	26
PSTAT-4326	proteomics_stat	2714124	2714153	-	4	5	R.FNSLTPEQQR.D	14
PSTAT-4327	proteomics_stat	2714175	2714231	-	4	9	R.ETLEDAVKHPEKYPQLTIR.V	23
PSTAT-4328	proteomics_stat	2714196	2714231	-	4	4	R.ETLEDAVKHPEK.Y	16
PSTAT-4329	proteomics_stat	2714235	2714270	-	4	6	V.EGGQHLNVNVL.R	16
PSTAT-4330	proteomics_stat	2714235	2714273	-	4	11	R.VEGGQHLNVNVL.R	17
PSTAT-4331	proteomics_stat	2714274	2714306	-	4	9	R.EVPVEVKPEVR.V	15
PSTAT-4332	proteomics_stat	2714328	2714366	-	4	7	K.AGYAEDEVVAVSK.L	17
PSTAT-4333	proteomics_stat	2714382	2714444	-	4	14	K.AANDDLLNSFWLLDSEKGEAR.C	25
PSTAT-4334	proteomics_stat	2714394	2714444	-	4	5	K.AANDDLLNSFWLLDSEK.G	21
PSTAT-4335	proteomics_stat	2714445	2714471	-	4	3	H.MITGIQITK.A	13
PSTAT-4336	proteomics_stat	2715609	2715677	-	4	4	K.MVLVLGQEYGLPDAARDPNDLR.V	27
PSTAT-4337	proteomics_stat	2715696	2715752	-	4	6	R.QAGYTVVTTSSSEQGKPLFK.T	23
PSTAT-4338	proteomics_stat	2715753	2715827	-	4	5	R.TAEGGAEHVQPITGDNIIVNVLDDFR.Q	29
PSTAT-4339	proteomics_stat	2715828	2715878	-	4	6	K.GVVVQDAALLESAAIR.T	21
PSTAT-4340	proteomics_stat	2716014	2716058	-	4	4	K.ASGTEHHGGVCFLIK.K	19
PSTAT-4341	proteomics_stat	2716059	2716094	-	4	10	K.AYHVVDDEALTK.A	16
PSTAT-4342	proteomics_stat	2716164	2716223	-	4	3	R.VYGENACQALFQSRPEAIVR.A	24
PSTAT-4343	proteomics_stat	2716275	2716328	-	4	10	R.APGDETPEKADHGGISGK.S	22
PSTAT-4344	proteomics_stat	2723736	2723765	-	4	3	M.AESTVTADSK.L	14
PSTAT-4345	proteomics_stat	2729640	2729660	-	4	3	R.LEVNEDR.I	11
PSTAT-4346	proteomics_stat	2729670	2729738	-	4	8	R.AIQQIENPLAQQILSGELVPGK.V	27
PSTAT-4347	proteomics_stat	2729751	2729792	-	4	4	K.LLSENGYDPVYGAR.P	18
PSTAT-4348	proteomics_stat	2729793	2729828	-	4	6	R.GYEIHISDEALK.L	16
PSTAT-4349	proteomics_stat	2729853	2729927	-	4	2	R.IDEVVVFHPLGEQHIASIAQIQLKR.L	29
PSTAT-4350	proteomics_stat	2729856	2729927	-	4	20	R.IDEVVVFHPLGEQHIASIAQIQLK.R	28
PSTAT-4351	proteomics_stat	2729928	2729981	-	4	10	K.ELVLGVVSHNFRPEFINR.I	22

PSTAT-4352	proteomics_stat	2729982	2730011	-	4	8	R.FGELDYAHMK.E	14
PSTAT-4353	proteomics_stat	2730012	2730065	-	4	24	R.NTVVIMTSNLGSDLIQER.F	22
PSTAT-4354	proteomics_stat	2730081	2730152	-	4	5	K.AHPDVFNILLQVLDDGRLTDGQGR.T	28
PSTAT-4355	proteomics_stat	2730102	2730152	-	4	53	K.AHPDVFNILLQVLDDGR.L	21
PSTAT-4356	proteomics_stat	2730132	2730191	-	4	4	R.RPYSVILLDEVEKAHPDVFN.I	24
PSTAT-4357	proteomics_stat	2730153	2730191	-	4	20	R.RPYSVILLDEVEK.A	17
PSTAT-4358	proteomics_stat	2730153	2730194	-	4	8	R.RRPYSVILLDEVEK.A	18
PSTAT-4359	proteomics_stat	2730195	2730260	-	4	11	R.LVGAPPGYVGYEEGGYLTEAVR.R	26
PSTAT-4360	proteomics_stat	2730195	2730263	-	4	3	S.RLVGAPPGYVGYEEGGYLTEAVR.R	27
PSTAT-4361	proteomics_stat	2730276	2730302	-	4	2	R.IDMSEFMEK.H	13
PSTAT-4362	proteomics_stat	2730303	2730347	-	4	12	K.ALANFMFDSDEAMVR.I	19
PSTAT-4363	proteomics_stat	2730348	2730431	-	4	2	R.AGLADPNRPIGSFLFLGPTGVGKTELCK.A	32
PSTAT-4364	proteomics_stat	2730363	2730431	-	4	8	R.AGLADPNRPIGSFLFLGPTGVGK.T	27
PSTAT-4365	proteomics_stat	2730441	2730485	-	4	2	V.IGQNEAVDAVSNAIR.R	19
PSTAT-4366	proteomics_stat	2730441	2730488	-	4	9	R.VIGQNEAVDAVSNAIR.R	20
PSTAT-4367	proteomics_stat	2730441	2730491	-	4	6	H.RVIGQNEAVDAVSNAIR.R	21
PSTAT-4368	proteomics_stat	2730489	2730512	-	4	4	R.MEQELHHR.V	12
PSTAT-4369	proteomics_stat	2730570	2730605	-	4	2	K.VTDAEIAEVLAR.W	16
PSTAT-4370	proteomics_stat	2730570	2730611	-	4	24	R.NKVTDAEIAEVLAR.W	18
PSTAT-4371	proteomics_stat	2730630	2730662	-	4	6	K.QLEAATQLEGK.T	15
PSTAT-4372	proteomics_stat	2730663	2730704	-	4	9	R.MSELQYGKIPELEK.Q	18
PSTAT-4373	proteomics_stat	2730681	2730704	-	4	3	R.MSELQYGK.I	12
PSTAT-4374	proteomics_stat	2730768	2730797	-	4	2	K.ASLSGTQTIK.A	14
PSTAT-4375	proteomics_stat	2730798	2730836	-	4	6	R.QYSELEEEWKAEK.A	17
PSTAT-4376	proteomics_stat	2730837	2730875	-	4	3	R.LDMLNEELSDKER.Q	17
PSTAT-4377	proteomics_stat	2730837	2730878	-	4	18	K.RLDMLNEELSDKER.Q	18
PSTAT-4378	proteomics_stat	2730837	2730881	-	4	6	K.KRLDMLNEELSDKER.Q	19
PSTAT-4379	proteomics_stat	2730843	2730878	-	4	2	K.RLDMLNEELSDK.E	16
PSTAT-4380	proteomics_stat	2730903	2730926	-	4	2	K.LEQQALMK.E	12
PSTAT-4381	proteomics_stat	2730954	2730989	-	4	6	R.MQIDSKPEELDR.L	16
PSTAT-4382	proteomics_stat	2730990	2731028	-	4	3	K.AIDLIDEAASSIR.M	17
PSTAT-4383	proteomics_stat	2730990	2731043	-	4	2	R.QLPDKAIDLIDEAASSIR.M	22
PSTAT-4384	proteomics_stat	2731059	2731127	-	4	31	R.YELHHVQITDPAIVAAATLSHR.Y	27
PSTAT-4385	proteomics_stat	2731143	2731190	-	4	12	K.VFVAEPSVEDTIAILR.G	20
PSTAT-4386	proteomics_stat	2731236	2731280	-	4	12	R.GELHCVGATTLLDEYR.Q	19
PSTAT-4387	proteomics_stat	2731281	2731331	-	4	6	K.ADGAMDAGNMLKPALAR.G	21
PSTAT-4388	proteomics_stat	2731332	2731391	-	4	67	K.QEGNVILFIDELHTMVGAGK.A	24
PSTAT-4389	proteomics_stat	2731392	2731421	-	4	7	R.LKGVLNDLAK.Q	14
PSTAT-4390	proteomics_stat	2731422	2731445	-	4	8	K.YRGEFEER.L	12
PSTAT-4391	proteomics_stat	2731446	2731490	-	4	3	R.RVLALDMGALVAGAK.Y	19
PSTAT-4392	proteomics_stat	2731491	2731529	-	4	2	R.IINGEVPEGLKGR.R	17
PSTAT-4393	proteomics_stat	2731497	2731529	-	4	4	R.IINGEVPEGLK.G	15
PSTAT-4394	proteomics_stat	2731530	2731559	-	4	4	K.TAIVEGLAQR.I	14
PSTAT-4395	proteomics_stat	2731560	2731598	-	4	3	K.NNPVLIGEPGVGK.T	17
PSTAT-4396	proteomics_stat	2731560	2731604	-	4	18	R.TKNNPVLIGEPGVGK.T	19
PSTAT-4397	proteomics_stat	2731629	2731682	-	4	7	R.AEQGKLDPVIGRDEEIRR.T	22

PSTAT-4398	proteomics_stat	2731632	2731682	-	4	4	R.AEQGKLDPVIGRDEEIR.R	21
PSTAT-4399	proteomics_stat	2731647	2731682	-	4	10	R.AEQGKLDPVIGR.D	16
PSTAT-4400	proteomics_stat	2731683	2731706	-	4	3	K.YTIDLTER.A	12
PSTAT-4401	proteomics_stat	2731683	2731709	-	4	5	K.KYTIDLTER.A	13
PSTAT-4402	proteomics_stat	2731707	2731742	-	4	2	D.QGAEDQRQALKK.Y	16
PSTAT-4403	proteomics_stat	2731722	2731763	-	4	8	R.GGESVNDQGAEDQR.Q	18
PSTAT-4404	proteomics_stat	2731764	2731814	-	4	6	K.AAGATTANITQAEQMR.G	21
PSTAT-4405	proteomics_stat	2731839	2731892	-	4	31	R.GDNFISSELFVLAALLESR.G	22
PSTAT-4406	proteomics_stat	2731839	2731895	-	4	16	K.RGDNFISSELFVLAALLESR.G	23
PSTAT-4407	proteomics_stat	2731896	2731928	-	4	3	R.VLNLCDKLAQK.R	15
PSTAT-4408	proteomics_stat	2731929	2731985	-	4	8	R.LPQVEGTGGDVQPSQDLVR.V	23
PSTAT-4409	proteomics_stat	2731929	2732012	-	4	3	R.TDINQALNRLPQVEGTGGDVQPSQDLVR.V	32
PSTAT-4410	proteomics_stat	2732460	2732522	-	4	3	K.ASAAFIQHGDKYLADIYQLAR.Q	25
PSTAT-4411	proteomics_stat	2732838	2732897	-	4	6	R.LFAAGNLPSKPVWLEQVHGK.D	24
PSTAT-4412	proteomics_stat	2733056	2733094	-	6	2	R.ADFEEHKDEVDWL.-	17
PSTAT-4413	proteomics_stat	2733584	2733622	-	6	4	R.LDKDTTGLMVVAK.T	17
PSTAT-4414	proteomics_stat	2733641	2733733	-	6	2	R.DLVVHPGAGNPDGTVLNALLHYYPPIADVPR.A	35
PSTAT-4415	proteomics_stat	2733977	2734021	-	6	2	R.VQLTATVSENQLGQR.L	19
PSTAT-4416	proteomics_stat	2737024	2737059	-	5	4	R.KVEHWFQDYAQR.F	16
PSTAT-4417	proteomics_stat	2737060	2737122	-	5	3	R.FGEAIELLEQGDKQAFIDSFR.K	25
PSTAT-4418	proteomics_stat	2737156	2737209	-	5	2	R.LFAQDPQLYADIIMSSER.N	22
PSTAT-4419	proteomics_stat	2737465	2737557	-	5	11	K.NGPLQAMLVAHDGPNVGLHHPMFGPDSGLAK.Q	35
PSTAT-4420	proteomics_stat	2737609	2737686	-	5	33	R.AADIVADAGMIVSVPIHVTEQVIGK.L	30
PSTAT-4421	proteomics_stat	2737687	2737713	-	5	5	R.ILEQHDWDR.A	13
PSTAT-4422	proteomics_stat	2737756	2737815	-	5	9	K.TLCPSLRPVIVGGGGQMGR.L	24
PSTAT-4423	proteomics_stat	2737816	2737851	-	5	4	R.ESYSENDKGFK.T	16
PSTAT-4424	proteomics_stat	2737861	2737920	-	5	4	R.RAEAEALGVPPDLIEDVLR.V	24
PSTAT-4425	proteomics_stat	2737864	2737923	-	5	2	S.RRAEAEALGVPPDLIEDVLR.R	24
PSTAT-4426	proteomics_stat	2737945	2737974	-	5	2	R.FGLPIYVPER.E	14
PSTAT-4427	proteomics_stat	2737981	2738016	-	5	4	K.RLELVAEVGEVK.S	16
PSTAT-4428	proteomics_stat	2738017	2738088	-	5	14	M.VAELTALRDQIDEVDKALLNLLAK.R	28
PSTAT-4429	proteomics_stat	2738041	2738088	-	5	3	M.VAELTALRDQIDEVDK.A	20
PSTAT-4430	proteomics_stat	2738111	2738149	-	6	2	R.EIHQDLNGQLTAR.V	17
PSTAT-4431	proteomics_stat	2738255	2738299	-	6	3	K.DGNRSIIGLMIESNI.H	19
PSTAT-4432	proteomics_stat	2738300	2738341	-	6	5	R.RQPAVAESVVAQIK.D	18
PSTAT-4433	proteomics_stat	2738468	2738545	-	6	3	R.FVGINQAGQVALLQTQGNPDGHVILR.G	30
PSTAT-4434	proteomics_stat	2738873	2738890	-	6	2	V.YFEKPR.T	10
PSTAT-4435	proteomics_stat	2738873	2738890	-	6	2	V.YFEKPR.T	10
PSTAT-4436	proteomics_stat	2738873	2738890	-	6	2	V.YFEKPR.T	10
PSTAT-4437	proteomics_stat	2738873	2738893	-	6	4	R.VYFEKPR.T	11
PSTAT-4438	proteomics_stat	2738873	2738893	-	6	4	R.VYFEKPR.T	11
PSTAT-4439	proteomics_stat	2742289	2742336	-	5	7	R.VFQTHSPVVDSISVKR.R	20
PSTAT-4440	proteomics_stat	2742292	2742333	-	5	8	V.FQTHSPVVDSISVK.R	18
PSTAT-4441	proteomics_stat	2742292	2742336	-	5	54	R.VFQTHSPVVDSISVK.R	19
PSTAT-4442	proteomics_stat	2742292	2742339	-	5	5	E.RVFQTHSPVVDSISVK.R	20
PSTAT-4443	proteomics_stat	2742337	2742363	-	5	4	K.ISNGEVER.V	13

PSTAT-4444	proteomics_stat	2742337	2742366	-	5	13	R.KISNGEGVER.V	14
PSTAT-4445	proteomics_stat	2742400	2742435	-	5	42	R.LQAFEGVVIIR.N	16
PSTAT-4446	proteomics_stat	2742439	2742465	-	5	4	K.VWVVEGSKK.R	13
PSTAT-4447	proteomics_stat	2742442	2742465	-	5	5	K.VWVVEGSK.K	12
PSTAT-4448	proteomics_stat	2742466	2742489	-	5	2	R.PGDTVEVK.V	12
PSTAT-4449	proteomics_stat	2742466	2742510	-	5	6	K.QDVPSFRPGDTVEVK.V	19
PSTAT-4450	proteomics_stat	2742466	2742534	-	5	6	K.QLEQEQMKQDVPSFRPGDTVEVK.V	27
PSTAT-4451	proteomics_stat	2742657	2742704	-	4	11	R.RPELLENLALTEEQAR.L	20
PSTAT-4452	proteomics_stat	2743041	2743085	-	4	7	R.KLDQAGVSELATNQK.L	19
PSTAT-4453	proteomics_stat	2743563	2743613	-	4	7	K.DLMGCQVVTTEGYDLGK.V	21
PSTAT-4454	proteomics_stat	2743788	2743850	-	4	3	R.VFSSTEDAESIFDYQPWFQK.A	25
PSTAT-4455	proteomics_stat	2743887	2743931	-	4	2	K.QLTAQAPVDPIVLGK.M	19
PSTAT-4456	proteomics_stat	2743998	2744033	-	4	4	A.HWVGQGATISDR.V	16
PSTAT-4457	proteomics_stat	2743998	2744036	-	4	9	I.AHWVGQGATISDR.V	17
PSTAT-4458	proteomics_stat	2743998	2744039	-	4	45	R.IAHWVGQGATISDR.V	18
PSTAT-4459	proteomics_stat	2743998	2744042	-	4	2	D.RIAHWVGQGATISDR.V	19
PSTAT-4460	proteomics_stat	2744040	2744102	-	4	3	R.VGFFNPIASEKEEGTRLDLDR.I	25
PSTAT-4461	proteomics_stat	2744055	2744102	-	4	8	R.VGFFNPIASEKEEGTR.L	20
PSTAT-4462	proteomics_stat	2744070	2744102	-	4	3	R.VGFFNPIASEK.E	15
PSTAT-4463	proteomics_stat	2744070	2744105	-	4	2	E.RVGFFNPIASEK.E	16
PSTAT-4464	proteomics_stat	2744133	2744168	-	4	9	K.RPFYQVVVADSR.N	16
PSTAT-4465	proteomics_stat	2744133	2744171	-	4	52	K.KRPFYQVVVADSR.N	17
PSTAT-4466	proteomics_stat	2744573	2744614	-	6	2	R.IAAGCGMQVDVNR.L	18
PSTAT-4467	proteomics_stat	2744801	2744845	-	6	4	K.KGDGFDLNFLEQLR.Q	19
PSTAT-4468	proteomics_stat	2744801	2744851	-	6	2	K.LKKGDGFDLNFLEQLR.Q	21
PSTAT-4469	proteomics_stat	2744888	2744938	-	6	16	R.ILGMDVLSLIEDIESK.V	21
PSTAT-4470	proteomics_stat	2745116	2745199	-	6	9	K.QVHASINPVETLFVVDAMTQQAANTAK.A	32
PSTAT-4471	proteomics_stat	2745200	2745235	-	6	3	R.LHVDEAMMDEIK.Q	16
PSTAT-4472	proteomics_stat	2745380	2745424	-	6	2	K.VLVVSADVVRPAAIK.Q	19
PSTAT-4473	proteomics_stat	2745620	2745643	-	6	2	K.AVGHEVNK.S	12
PSTAT-4474	proteomics_stat	2745722	2745754	-	6	4	R.LTEDNVKDTLR.E	15
PSTAT-4475	proteomics_stat	2745734	2745760	-	6	2	R.GRLTEDNVK.D	13
PSTAT-4476	proteomics_stat	2748326	2748346	-	6	2	K.SMLDVVR.K	11
PSTAT-4477	proteomics_stat	2748347	2748397	-	6	25	K.ANPDMSAMVEGIELTLK.S	21
PSTAT-4478	proteomics_stat	2748347	2748418	-	6	17	R.ALEVADKANPDMSAMVEGIELTLK.S	28
PSTAT-4479	proteomics_stat	2748398	2748418	-	6	2	R.ALEVADK.A	11
PSTAT-4480	proteomics_stat	2748419	2748460	-	6	14	K.FINELLPVIDSLDR.A	18
PSTAT-4481	proteomics_stat	2748485	2748508	-	6	2	R.RTELDIEK.A	12
PSTAT-4482	proteomics_stat	2748512	2748538	-	6	3	R.VKAEMENLR.R	13
PSTAT-4483	proteomics_stat	2748560	2748601	-	6	13	K.VANLEAQLAEAQTR.E	18
PSTAT-4484	proteomics_stat	2748611	2748709	-	6	7	K.TPEGQAPEEIIMDQHEEIEAVEPEASAEQVDPR.D	37
PSTAT-4485	proteomics_stat	2752171	2752191	-	5	2	R.TDIDLTK.N	11
PSTAT-4486	proteomics_stat	2770129	2770173	-	5	2	M.SNITIYHN PACGTSR.N	19
PSTAT-4487	proteomics_stat	2770129	2770173	-	5	2	M.SNITIYHN PACGTSR.N	19
PSTAT-4488	proteomics_stat	2794362	2794439	-	4	2	K.IFEANKPMLKSPDKIYPGVLRIPPEE.-	30
PSTAT-4489	proteomics_stat	2794374	2794409	-	4	6	K.SPDKIYPGVLR.I	16



PSTAT-4490	proteomics_stat	2794410	2794439	-	4	2	K.IFEANKPMLK.S	14
PSTAT-4491	proteomics_stat	2794440	2794472	-	4	2	K.QVYGNANLYNK.I	15
PSTAT-4492	proteomics_stat	2794473	2794502	-	4	4	K.SGDTLAISISK.Q	14
PSTAT-4493	proteomics_stat	2794503	2794544	-	4	3	K.TATPATASQFYTVK.S	18
PSTAT-4494	proteomics_stat	2794545	2794592	-	4	2	V.AVGNISGIASVDDQVK.T	20
PSTAT-4495	proteomics_stat	2794545	2794601	-	4	171	K.ILVAVGNISGIASVDDQVK.T	23
PSTAT-4496	proteomics_stat	2794608	2794646	-	4	17	K.ATVTGDGLSQAQK.E	17
PSTAT-4497	proteomics_stat	2794647	2794697	-	4	10	K.TGIPDADKVNIIQIADGK.A	21
PSTAT-4498	proteomics_stat	2794698	2794721	-	4	3	K.KVQEHLNK.T	12
PSTAT-4499	proteomics_stat	2794719	2794769	-	4	4	K.LWDAVTGQHDKDDQAKK.V	21
PSTAT-4500	proteomics_stat	2794722	2794766	-	4	3	L.WDAVTGQHDKDDQAK.K	19
PSTAT-4501	proteomics_stat	2794722	2794769	-	4	15	K.LWDAVTGQHDKDDQAK.K	20
PSTAT-4502	proteomics_stat	2794722	2794784	-	4	3	K.DAGEKLWDAVTGQHDKDDQAK.K	25
PSTAT-4503	proteomics_stat	2796137	2796166	-	6	2	K.PIAQALAEGK.S	14
PSTAT-4504	proteomics_stat	2796137	2796169	-	6	2	P.KPIAQALAEGK.S	15
PSTAT-4505	proteomics_stat	2796137	2796175	-	6	33	R.TPKPIAQALAEGK.S	17
PSTAT-4506	proteomics_stat	2796197	2796223	-	6	6	K.FTDVNGETK.T	13
PSTAT-4507	proteomics_stat	2796197	2796229	-	6	12	K.YKFTDVNGETK.T	15
PSTAT-4508	proteomics_stat	2796263	2796316	-	6	2	A.DGINPEELLGNSSAAAPR.A	22
PSTAT-4509	proteomics_stat	2796263	2796319	-	6	16	K.ADGINPEELLGNSSAAAPR.A	23
PSTAT-4510	proteomics_stat	2796320	2796346	-	6	3	K.ISTWLELMK.A	13
PSTAT-4511	proteomics_stat	2796371	2796403	-	6	2	K.ERREEEEQQQR.E	15
PSTAT-4512	proteomics_stat	2796422	2796460	-	6	53	R.EFSIDVLEEMLEK.F	17
PSTAT-4513	proteomics_stat	2796482	2796511	-	6	2	S.VMLQSLNNIR.T	14
PSTAT-4514	proteomics_stat	2796482	2796514	-	6	8	M.SVMLQSLNNIR.T	15
PSTAT-4515	proteomics_stat	2812267	2812299	-	5	3	R.INSNEELALPK.E	15
PSTAT-4516	proteomics_stat	2812324	2812353	-	5	2	H.SLQEAQDIAR.S	14
PSTAT-4517	proteomics_stat	2812324	2812416	-	5	4	K.VQDQNQIPELNVYQCGTYQMHSLEAQDIAR.S	35
PSTAT-4518	proteomics_stat	2812354	2812416	-	5	4	K.VQDQNQIPELNVYQCGTYQMH.S	25
PSTAT-4519	proteomics_stat	2812417	2812440	-	5	6	K.AAMEDVLK.V	12
PSTAT-4520	proteomics_stat	2812459	2812503	-	5	9	R.TGFYMSLIGTPDEQR.V	19
PSTAT-4521	proteomics_stat	2812504	2812560	-	5	13	R.NHLNGNGVEIIDISPMGCR.T	23
PSTAT-4522	proteomics_stat	2812561	2812602	-	5	36	R.GIHTLEHLFAGFMR.N	18
PSTAT-4523	proteomics_stat	2812567	2812602	-	5	2	R.GIHTLEHLFAGF.M	16
PSTAT-4524	proteomics_stat	2812573	2812602	-	5	3	R.GIHTLEHLFA.G	14
PSTAT-4525	proteomics_stat	2812603	2812638	-	5	10	R.FCVPNKEVMPER.G	16
PSTAT-4526	proteomics_stat	2812639	2812680	-	5	2	M.NTPHGDAITVFDLR.F	18
PSTAT-4527	proteomics_stat	2812639	2812683	-	5	5	T.MNTPHGDAITVFDLR.F	19
PSTAT-4528	proteomics_stat	2812639	2812686	-	5	25	K.TMNTPHGDAITVFDLR.F	20
PSTAT-4529	proteomics_stat	2812717	2812749	-	5	2	P.LLDSFTVDHTR.M	15
PSTAT-4530	proteomics_stat	2812717	2812752	-	5	18	M.PLLDSFTVDHTR.M	16
PSTAT-4531	proteomics_stat	2812914	2812970	-	4	4	R.RQQEMEAADEPFVWLEK.H	23
PSTAT-4532	proteomics_stat	2812986	2813033	-	4	2	R.EEPLLEILREEDFVAER.E	20
PSTAT-4533	proteomics_stat	2813169	2813216	-	4	4	R.VAQTLDSSINGGEAYQK.V	20
PSTAT-4534	proteomics_stat	2813169	2813219	-	4	4	K.RVAQTLDSSINGGEAYQK.V	21
PSTAT-4535	proteomics_stat	2813241	2813306	-	4	7	R.KPGLTLGIGCETAQFPLPQVGK.D	26

PSTAT-4536	proteomics_stat	2813418	2813471	-	4	2	R.SLDINPFSPIGVDEQQVR.F	22
PSTAT-4537	proteomics_stat	2813544	2813606	-	4	5	R.LQINSNVLQIENELYAPIRPK.R	25
PSTAT-4538	proteomics_stat	2813757	2813801	-	4	2	K.TECGMYLPHYATSLR.L	19
PSTAT-4539	proteomics_stat	2813943	2813972	-	4	2	K.CGDISGADAK.E	14
PSTAT-4540	proteomics_stat	2814297	2814365	-	4	4	R.VNADGTLATTGHPEALGSALTHK.W	27
PSTAT-4541	proteomics_stat	2817019	2817054	-	5	10	K.EVSVHREEIYQR.I	16
PSTAT-4542	proteomics_stat	2817091	2817147	-	5	53	R.VGETLMIGDEVTVTLGVK.G	23
PSTAT-4543	proteomics_stat	2817430	2817507	-	5	8	K.GGGRPDMAQAGGTDAAALPAALASVK.G	30
PSTAT-4544	proteomics_stat	2817508	2817552	-	5	3	K.AGELIGMVAQQVGGK.G	19
PSTAT-4545	proteomics_stat	2817508	2817558	-	5	2	R.VKAGELIGMVAQQVGGK.G	21
PSTAT-4546	proteomics_stat	2817601	2817651	-	5	9	K.NQLGSTIIVLATVVEGK.V	21
PSTAT-4547	proteomics_stat	2817601	2817672	-	5	8	R.TMVDDLKKNQLGSTIIVLATVVEGK.V	28
PSTAT-4548	proteomics_stat	2817682	2817717	-	5	3	K.LLVSELSGVEPK.M	16
PSTAT-4549	proteomics_stat	2817742	2817783	-	5	7	K.EQAAAQESANLSSK.A	18
PSTAT-4550	proteomics_stat	2817835	2817867	-	5	6	K.GDSNNLADKVR.S	15
PSTAT-4551	proteomics_stat	2817868	2817894	-	5	3	R.LSEVAHLLK.G	13
PSTAT-4552	proteomics_stat	2817868	2817951	-	5	7	R.IEAVTGEGAIATVHADSDRLSEVAHLLK.G	32
PSTAT-4553	proteomics_stat	2817895	2817951	-	5	2	R.IEAVTGEGAIATVHADSDR.L	23
PSTAT-4554	proteomics_stat	2817895	2817954	-	5	20	R.RIEAVTGEGAIATVHADSDR.L	24
PSTAT-4555	proteomics_stat	2817955	2817987	-	5	2	I.ISESGTAAGVR.R	15
PSTAT-4556	proteomics_stat	2817955	2817990	-	5	4	R.IISESGTAAGVR.R	16
PSTAT-4557	proteomics_stat	2817991	2818014	-	5	2	R.TGDIGLFR.I	12
PSTAT-4558	proteomics_stat	2818015	2818071	-	5	3	R.VLSMGDFSTELCGGTHASR.T	23
PSTAT-4559	proteomics_stat	2818090	2818116	-	5	5	K.GAMALFGEK.Y	13
PSTAT-4560	proteomics_stat	2818123	2818167	-	5	4	R.NLPIETNIMDLEAAK.A	19
PSTAT-4561	proteomics_stat	2818171	2818203	-	5	4	R.AVEDLVNTQIR.R	15
PSTAT-4562	proteomics_stat	2818171	2818206	-	5	2	I.RAVEDLVNTQIR.R	16
PSTAT-4563	proteomics_stat	2818204	2818248	-	5	14	R.FDFSHNEAMKPEEIR.A	19
PSTAT-4564	proteomics_stat	2818279	2818308	-	5	6	R.QVLGTHVSQK.G	14
PSTAT-4565	proteomics_stat	2818363	2818404	-	5	3	K.VGDAVQADVDEARR.A	18
PSTAT-4566	proteomics_stat	2818366	2818404	-	5	13	K.VGDAVQADVDEARR.R	17
PSTAT-4567	proteomics_stat	2818426	2818455	-	5	16	K.YGQAIGHIGK.L	14
PSTAT-4568	proteomics_stat	2818456	2818494	-	5	3	K.GANFSFAVEDTQK.Y	17
PSTAT-4569	proteomics_stat	2818600	2818626	-	5	4	K.VTALFVDGK.A	13
PSTAT-4570	proteomics_stat	2818627	2818656	-	5	7	K.GYDHLELNGK.V	14
PSTAT-4571	proteomics_stat	2818627	2818680	-	5	4	R.VDSASEFKGYDHLELNGK.V	22
PSTAT-4572	proteomics_stat	2818735	2818785	-	5	5	R.NIKVDEAGFEAAMEEQR.R	21
PSTAT-4573	proteomics_stat	2818792	2818842	-	5	5	R.LYDTYGFPVLTADVCR.E	21
PSTAT-4574	proteomics_stat	2818843	2818878	-	5	2	L.SGDTLDGETAFR.L	16
PSTAT-4575	proteomics_stat	2818843	2818881	-	5	3	K.LSGDTLDGETAFR.L	17
PSTAT-4576	proteomics_stat	2818882	2818914	-	5	2	R.GLALLDEELAK.L	15
PSTAT-4577	proteomics_stat	2818927	2818950	-	5	2	K.TEEEEQFAR.T	12
PSTAT-4578	proteomics_stat	2818927	2818980	-	5	3	R.QQAQVEQVLKTEEEQFAR.T	22
PSTAT-4579	proteomics_stat	2818981	2819034	-	5	5	K.LVGPLIDVMGSAGEDLKR.Q	22
PSTAT-4580	proteomics_stat	2819116	2819166	-	5	4	R.SCAFLIADGVMPSENENR.G	21
PSTAT-4581	proteomics_stat	2819197	2819226	-	5	8	K.VTGATDLSNK.S	14

PSTAT-4582	proteomics_stat	2819251	2819304	-	5	9	R.IAAVLQHVNSNYDIDLFR.T	22
PSTAT-4583	proteomics_stat	2819305	2819370	-	5	3	R.QADGTMEPLPKPSVDTMGLER.I	26
PSTAT-4584	proteomics_stat	2819776	2819811	-	5	6	K.HNDLENVGYTAR.H	16
PSTAT-4585	proteomics_stat	2819863	2819889	-	5	2	K.DVFLGLDKR.N	13
PSTAT-4586	proteomics_stat	2819866	2819976	-	5	3	K.GHQVVASSSLVPHNDPTLLFTNAGMNQFKDVFLGLDK.R	41
PSTAT-4587	proteomics_stat	2819890	2819976	-	5	19	K.GHQVVASSSLVPHNDPTLLFTNAGMNQFK.D	33
PSTAT-4588	proteomics_stat	2819977	2820006	-	5	5	R.QAFLDFFHSK.G	14
PSTAT-4589	proteomics_stat	2820563	2820631	-	6	5	A.YARLLDRAVRILAVRDHSEQELR.R	27
PSTAT-4590	proteomics_stat	2820823	2820858	-	5	3	K.DNPETAKEIEKK.V	16
PSTAT-4591	proteomics_stat	2820826	2820882	-	5	2	K.ANATAWLKDNPETAKEIEK.K	23
PSTAT-4592	proteomics_stat	2820838	2820882	-	5	7	K.ANATAWLKDNPETAK.E	19
PSTAT-4593	proteomics_stat	2820859	2820882	-	5	3	K.ANATAWLK.D	12
PSTAT-4594	proteomics_stat	2820898	2820930	-	5	2	K.AGAWYSYKGEK.I	15
PSTAT-4595	proteomics_stat	2820907	2820930	-	5	3	K.AGAWYSYK.G	12
PSTAT-4596	proteomics_stat	2821060	2821092	-	5	4	K.EGENVVGSETR.V	15
PSTAT-4597	proteomics_stat	2821141	2821194	-	5	3	K.IGVMFGNPETTTGGNALK.F	22
PSTAT-4598	proteomics_stat	2821282	2821332	-	5	8	K.AEIEGEIGDSHMGLAAR.M	21
PSTAT-4599	proteomics_stat	2821333	2821386	-	5	19	R.SGAVDVIVVDSVAALTPK.A	22
PSTAT-4600	proteomics_stat	2821387	2821470	-	5	2	K.LGVDIDNLLCSQPDTGEQALEICDALAR.S	32
PSTAT-4601	proteomics_stat	2821474	2821524	-	5	3	K.TCAFIDAHALDPIYAR.K	21
PSTAT-4602	proteomics_stat	2821573	2821608	-	5	3	R.IVEIYGPESSGK.T	16
PSTAT-4603	proteomics_stat	2821732	2821764	-	5	6	K.ALAAALGQIEK.Q	15
PSTAT-4604	proteomics_stat	2822093	2822164	-	6	2	R.EETLAQHGAIVSEPVVVEMAIGALK.A	28
PSTAT-4605	proteomics_stat	2822258	2822308	-	6	2	R.GATVTTAESCTGGWVAK.V	21
PSTAT-4606	proteomics_stat	2822315	2822368	-	6	2	V.MTDSELMQLSEQVGQALK.A	22
PSTAT-4607	proteomics_stat	2822651	2822731	-	6	6	K.YSISQLAAAGLTPQQPLGNHQQASLLR.L	31
PSTAT-4608	proteomics_stat	2822903	2822956	-	6	3	K.GSFAGAMGYGQFMPSSYK.Q	22
PSTAT-4609	proteomics_stat	2822957	2822986	-	6	5	R.DEQDDPLNLK.G	14
PSTAT-4610	proteomics_stat	2823170	2823238	-	6	5	K.FITPDNVQNGVFWNQYEDALNR.A	27
PSTAT-4611	proteomics_stat	2823251	2823319	-	6	3	R.LMDNQAPTTSVKPPSPGNGAWLR.Y	27
PSTAT-4612	proteomics_stat	2836840	2836908	-	5	2	R.FLSVDEIDDIIDAHSQPIMVLNR.R	27
PSTAT-4613	proteomics_stat	2864584	2864637	-	5	6	R.LREILQTQGLNIEALFRE.-	22
PSTAT-4614	proteomics_stat	2864695	2864742	-	5	2	R.FGLLGYEAATLEDVGR.E	20
PSTAT-4615	proteomics_stat	2864695	2864745	-	5	7	R.RFLLGYEAATLEDVGR.E	21
PSTAT-4616	proteomics_stat	2864806	2864877	-	5	2	K.ALLDILADEKENGPEDTTQDDDMK.Q	28
PSTAT-4617	proteomics_stat	2864878	2864919	-	5	6	R.ITSVDTPLGGDSEK.A	18
PSTAT-4618	proteomics_stat	2864941	2865024	-	5	3	R.ELSHKLDHEPSAEEIAEQLDKPVDDVSR.M	32
PSTAT-4619	proteomics_stat	2865187	2865237	-	5	21	R.GLALLDLIEEENLGLIR.A	21
PSTAT-4620	proteomics_stat	2865331	2865414	-	5	7	R.VLDATQLYLGEIGYSPLLTAEVEVFAR.R	32
PSTAT-4621	proteomics_stat	2865415	2865489	-	5	4	K.ALVEQEPSDNDLAEIEELLSQGATQR.V	29
PSTAT-4622	proteomics_stat	2865490	2865552	-	5	3	K.VHDLNEDAIEFDENGVEVFDEK.A	25
PSTAT-4623	proteomics_stat	2865702	2865740	-	4	5	K.IATMGSTGTSSTR.L	17
PSTAT-4624	proteomics_stat	2865771	2865824	-	4	7	K.HNDDYLSAYAHNDTMLVR.E	22
PSTAT-4625	proteomics_stat	2865825	2865851	-	4	2	R.GYGNLIIK.H	13
PSTAT-4626	proteomics_stat	2865852	2865878	-	4	2	R.VVYAGNALR.G	13
PSTAT-4627	proteomics_stat	2865879	2865911	-	4	2	K.GQAIATADGR.V	15

PSTAT-4628	proteomics_stat	2865936	2865974	-	4	2	K.VIETFGASEGGNK.G	17
PSTAT-4629	proteomics_stat	2866467	2866565	-	4	5	I.QPVQQPQIQATQQPQIQPVQPVAQQPVQMENGR.I	37
PSTAT-4630	proteomics_stat	2866467	2866601	-	4	3	K.MGTTSTAQQPQIQPVQQPQIQATQQPQIQPVQPVAQQPVQMENGR.I	49
PSTAT-4631	proteomics_stat	2867158	2867187	-	5	4	K.NLDLHNVSTR.H	14
PSTAT-4632	proteomics_stat	2867500	2867529	-	5	2	R.RVQALLDQLR.A	14
PSTAT-4633	proteomics_stat	2868280	2868321	-	5	2	R.ELINTTGDYAHIAE.-	18
PSTAT-4634	proteomics_stat	2868454	2868519	-	5	13	R.EALAFEQAAVAETELQALLVR.E	26
PSTAT-4635	proteomics_stat	2868520	2868585	-	5	3	R.VNDKELMITAALPGSGEWGTQR.E	26
PSTAT-4636	proteomics_stat	2868589	2868636	-	5	4	R.GSWFVATTEELAEQLR.R	20
PSTAT-4637	proteomics_stat	2868769	2868795	-	5	2	R.WAQTNTPVR.D	13
PSTAT-4638	proteomics_stat	2868796	2868834	-	5	3	R.FGIGGSNLQGAQR.W	17
PSTAT-4639	proteomics_stat	2868979	2869038	-	5	2	K.EMPDLSAFQLEGCVLEYAR.H	24
PSTAT-4640	proteomics_stat	2869264	2869326	-	5	6	K.MIEFDNLTYLHGKPGGTGLLK.A	25
PSTAT-4641	proteomics_stat	2869626	2869715	-	4	22	K.GLLAHSDDVALHALTDALLGAAALGDIGK.L	34
PSTAT-4642	proteomics_stat	2869731	2869796	-	4	6	R.IGHGFDVHAFGGEGPIIIGGVR.I	26
PSTAT-4643	proteomics_stat	2869826	2869873	-	6	2	K.VTRPEDLALAEFYLTR.T	20
PSTAT-4644	proteomics_stat	2869889	2869972	-	6	2	R.ALNEGATITDEASALEYCGFHPQLVEGR.A	32
PSTAT-4645	proteomics_stat	2870000	2870041	-	6	2	R.NGLWHALTPQFFPR.E	18
PSTAT-4646	proteomics_stat	2870456	2870509	-	6	2	M.ATTHLDVCAVVPAAAGFGR.R	22
PSTAT-4647	proteomics_stat	2870708	2870749	-	6	2	R.VNDDVAAQQATNAK.L	18
PSTAT-4648	proteomics_stat	2871955	2872011	-	5	4	M.ALHDENVVWHSPVTVQQR.E	23
PSTAT-4649	proteomics_stat	2872173	2872217	-	4	5	R.YQQNPVTGGGLIFIDR.L	19
PSTAT-4650	proteomics_stat	2872218	2872292	-	4	10	R.EVENLPLNGIGLVLDLTFDEPLVLDLDR.Y	29
PSTAT-4651	proteomics_stat	2872569	2872610	-	4	2	R.VKVLPSPGVESNVAR.I	18
PSTAT-4652	proteomics_stat	2872629	2872658	-	4	2	R.GYAGTLASGR.V	14
PSTAT-4653	proteomics_stat	2873076	2873117	-	4	2	K.FIIADTPGHEQYTR.N	18
PSTAT-4654	proteomics_stat	2873238	2873285	-	4	4	R.QIYEDQLSSLHNDISKR.H	20
PSTAT-4655	proteomics_stat	2873367	2873441	-	4	2	K.MNTALAQQIANEGGV EAWMIAQQHK.S	29
PSTAT-4656	proteomics_stat	2874025	2874078	-	5	2	K.NPEGVAMGINPFVHGS AK.H	22
PSTAT-4657	proteomics_stat	2883256	2883327	-	5	3	V.EQSLDVDFDWLITQHCPADLLFQR.L	28
PSTAT-4658	proteomics_stat	2885642	2885677	-	6	2	R.KWEPGMAEEETR.F	16
PSTAT-4659	proteomics_stat	2885678	2885734	-	6	4	K.YHPLWDEGYLSVGDTHTR.K	23
PSTAT-4660	proteomics_stat	2886284	2886331	-	6	2	M.SKLDLNLNLPKVDLDR.I	20
PSTAT-4661	proteomics_stat	2886293	2886331	-	6	3	M.SKLDLNLNLPK.V	17
PSTAT-4662	proteomics_stat	2886424	2886459	-	5	4	R.AGIIRPVLDPAR.D	16
PSTAT-4663	proteomics_stat	2886511	2886564	-	5	3	K.ENITEPEILASLDELIGR.W	22
PSTAT-4664	proteomics_stat	2886511	2886573	-	5	4	R.MYKENITEPEILASLDELIGR.W	25
PSTAT-4665	proteomics_stat	2886730	2886774	-	5	5	R.FLPSFIDNIDNLMAK.H	19
PSTAT-4666	proteomics_stat	2886898	2886948	-	5	4	R.ITANQNLIAGVPESEK.A	21
PSTAT-4667	proteomics_stat	2887240	2887314	-	5	35	R.TASEFGYLPLEHTLAVAEAVTTQR.D	29
PSTAT-4668	proteomics_stat	2887480	2887530	-	5	2	K.VATTDEEPILGQTYLPR.K	21
PSTAT-4669	proteomics_stat	2887663	2887737	-	5	9	K.NVKPVHQMLHSVGLDALATANDMNR.N	29
PSTAT-4670	proteomics_stat	2887924	2887962	-	5	3	R.FHGMVQQDDRDILR.A	17
PSTAT-4671	proteomics_stat	2887963	2888034	-	5	4	R.GTIAEDLNDGLTGGFKGDNFLILR.F	28
PSTAT-4672	proteomics_stat	2887987	2888034	-	5	2	R.GTIAEDLNDGLTGGFK.G	20
PSTAT-4673	proteomics_stat	2888080	2888118	-	5	4	M.SEKHPGPLVVEGK.L	17

PSTAT-4674	proteomics_stat	2888250	2888297	-	4	3	R.WINDGAHIYVCGDANR.M	20
PSTAT-4675	proteomics_stat	2888517	2888582	-	4	6	R.LPANPETPVIMIGPGTGIAPFR.A	26
PSTAT-4676	proteomics_stat	2888583	2888612	-	4	5	R.VFIEHNDNFR.L	14
PSTAT-4677	proteomics_stat	2888613	2888669	-	4	5	R.AGGASSFLADRVEEEGEVR.V	23
PSTAT-4678	proteomics_stat	2888778	2888825	-	4	2	R.FSPAQLDAEALINLLR.P	20
PSTAT-4679	proteomics_stat	2888826	2888870	-	4	9	K.LQHYAATTPIVDMVR.F	19
PSTAT-4680	proteomics_stat	2889000	2889029	-	4	5	K.GDEPVTVEGK.T	14
PSTAT-4681	proteomics_stat	2889000	2889056	-	4	2	K.ELVELLWLKGDVPVTVEGK.T	23
PSTAT-4682	proteomics_stat	2889057	2889113	-	4	4	R.YQPGDALGVWYQNDPALVK.E	23
PSTAT-4683	proteomics_stat	2889114	2889149	-	4	4	R.HIEIDLGDGSGMR.Y	16
PSTAT-4684	proteomics_stat	2889183	2889221	-	4	8	K.DAPLVASLSVNQK.I	17
PSTAT-4685	proteomics_stat	2889222	2889296	-	4	7	R.APVAAPSQSVATGAVNEIHTSPYSK.D	29
PSTAT-4686	proteomics_stat	2889222	2889302	-	4	12	K.SRAPVAAPSQSVATGAVNEIHTSPYSK.D	31
PSTAT-4687	proteomics_stat	2889327	2889371	-	4	2	R.VDADVEYQAAASEWR.A	19
PSTAT-4688	proteomics_stat	2889522	2889590	-	4	2	K.LLIVVTSTQGEPEPEEVALHK.F	27
PSTAT-4689	proteomics_stat	2889651	2889689	-	4	4	R.VAEALRDDLLAAK.L	17
PSTAT-4690	proteomics_stat	2889861	2889917	-	4	8	M.TTQVPPSALLPLNPEQLAR.L	23
PSTAT-4691	proteomics_stat	2897543	2897620	-	6	9	R.WGDTQDLMGAAVFLASPASNYYVNGHL.L	30
PSTAT-4692	proteomics_stat	2902889	2902942	-	6	3	R.DIEALDELLATLTDDKPR.V	22
PSTAT-4693	proteomics_stat	2903063	2903110	-	6	4	K.NGFSCQIETSGETHEVR.C	20
PSTAT-4694	proteomics_stat	2903111	2903179	-	6	5	R.HVVITGGEPICIHDLPLTDLLEK.N	27
PSTAT-4695	proteomics_stat	2903194	2903241	-	5	4	S.GGLRAVKICWLSLVAR.D	20
PSTAT-4696	proteomics_stat	2904686	2904730	-	6	9	R.IEEALGEKAPYNGR.K	19
PSTAT-4697	proteomics_stat	2904689	2904730	-	6	9	R.IEEALGEKAPYNGR.K	18
PSTAT-4698	proteomics_stat	2904707	2904730	-	6	7	R.IEEALGEK.A	12
PSTAT-4699	proteomics_stat	2904785	2904850	-	6	138	R.SGETEDATIADLAVGTAAGQIK.T	26
PSTAT-4700	proteomics_stat	2904785	2904880	-	6	48	D.AGYTAVISHRSGETEDATIADLAVGTAAGQIK.T	36
PSTAT-4701	proteomics_stat	2904851	2904883	-	6	18	K.DAGYTAVISHR.S	15
PSTAT-4702	proteomics_stat	2904854	2904883	-	6	13	K.DAGYTAVISHR	14
PSTAT-4703	proteomics_stat	2904893	2904937	-	6	53	K.FNQIGSLTETLAAIK.M	19
PSTAT-4704	proteomics_stat	2904938	2904964	-	6	4	K.GIANSILIK.F	13
PSTAT-4705	proteomics_stat	2904965	2904988	-	6	13	K.ILKEGIEK.G	12
PSTAT-4706	proteomics_stat	2904989	2905030	-	6	33	K.IQLVGDDLFTNTK.I	18
PSTAT-4707	proteomics_stat	2904989	2905033	-	6	2	D.KIQLVGDDLFTNTK.I	19
PSTAT-4708	proteomics_stat	2904989	2905045	-	6	44	K.VLGDKIQLVGDDLFTNTK.I	23
PSTAT-4709	proteomics_stat	2905046	2905117	-	6	63	K.QYPIVSIEDGLDESDWDGFAYQTK.V	28
PSTAT-4710	proteomics_stat	2905115	2905165	-	6	2	K.AFTSEEFTHFLEELTK.Q	21
PSTAT-4711	proteomics_stat	2905118	2905162	-	6	3	A.FTSEEFTHFLEELTK.Q	19
PSTAT-4712	proteomics_stat	2905118	2905165	-	6	189	K.AFTSEEFTHFLEELTK.Q	20
PSTAT-4713	proteomics_stat	2905118	2905168	-	6	6	N.KAFTSEEFTHFLEELTK.Q	21
PSTAT-4714	proteomics_stat	2905166	2905192	-	6	8	K.YVLAGEGNK.A	13
PSTAT-4715	proteomics_stat	2905166	2905270	-	6	3	K.AAGYELGKDITLAMDCASEFYKDGKYVLAGEGNK.A	39
PSTAT-4716	proteomics_stat	2905193	2905246	-	6	22	K.DITLAMDCASEFYKDGK.Y	22
PSTAT-4717	proteomics_stat	2905193	2905270	-	6	38	K.AAGYELGKDITLAMDCASEFYKDGK.Y	30
PSTAT-4718	proteomics_stat	2905193	2905276	-	6	6	A.VKAAGYELGKDITLAMDCASEFYKDGK.Y	32
PSTAT-4719	proteomics_stat	2905202	2905246	-	6	17	K.DITLAMDCASEFYK.D	19

PSTAT-4720	proteomics_stat	2905202	2905270	-	6	53	K.AAGYELGKDITLAMDCASEFYK.D	27
PSTAT-4721	proteomics_stat	2905247	2905270	-	6	2	K.AAGYELGK.D	12
PSTAT-4722	proteomics_stat	2905271	2905318	-	6	2	N.LGSNAEALAVIAEAVK.A	20
PSTAT-4723	proteomics_stat	2905271	2905354	-	6	2	N.TAVGDEGGYAPNLGSNAEALAVIAEAVK.A	32
PSTAT-4724	proteomics_stat	2905271	2905363	-	6	81	K.GMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	35
PSTAT-4725	proteomics_stat	2905271	2905369	-	6	10	K.AKGMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	37
PSTAT-4726	proteomics_stat	2905271	2905402	-	6	3	S.EVFHHLAKVLKAKGMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	48
PSTAT-4727	proteomics_stat	2905379	2905408	-	6	4	M.GSEVFFHHLAK.V	14
PSTAT-4728	proteomics_stat	2905379	2905411	-	6	14	R.MGSEVFFHHLAK.V	15
PSTAT-4729	proteomics_stat	2905433	2905507	-	6	2	N.IINGGEHADNNVDIQEFMIQPVGAK.T	29
PSTAT-4730	proteomics_stat	2905433	2905513	-	6	26	M.MNIINGGEHADNNVDIQEFMIQPVGAK.T	31
PSTAT-4731	proteomics_stat	2905433	2905516	-	6	6	P.MMNIINGGEHADNNVDIQEFMIQPVGAK.T	32
PSTAT-4732	proteomics_stat	2905433	2905534	-	6	71	K.YSMPVPMMNIIINGGEHADNNVDIQEFMIQPVGAK.T	38
PSTAT-4733	proteomics_stat	2905535	2905582	-	6	3	G.MPLYEHIAELNGTPGK.Y	20
PSTAT-4734	proteomics_stat	2905535	2905585	-	6	45	K.GMPLYEHIAELNGTPGK.Y	21
PSTAT-4735	proteomics_stat	2905604	2905648	-	6	116	K.FGANAILAVSLANAK.A	19
PSTAT-4736	proteomics_stat	2905604	2905654	-	6	85	K.SKFGANAILAVSLANAK.A	21
PSTAT-4737	proteomics_stat	2905655	2905684	-	6	2	I.MIDLDTENK.S	14
PSTAT-4738	proteomics_stat	2905655	2905687	-	6	10	K.IMIDLDTENK.S	15
PSTAT-4739	proteomics_stat	2905655	2905708	-	6	8	K.DQAGIDKIMIDLDTENK.S	22
PSTAT-4740	proteomics_stat	2905655	2905717	-	6	4	K.DAKDQAGIDKIMIDLDTENK.S	25
PSTAT-4741	proteomics_stat	2905688	2905717	-	6	3	K.DAKDQAGIDK.I	14
PSTAT-4742	proteomics_stat	2905709	2905765	-	6	2	K.AVAAVNGPIAQALIGKDAK.D	23
PSTAT-4743	proteomics_stat	2905718	2905765	-	6	21	K.AVAAVNGPIAQALIGK.D	20
PSTAT-4744	proteomics_stat	2905718	2905768	-	6	2	T.KAVAAVNGPIAQALIGK.D	21
PSTAT-4745	proteomics_stat	2905796	2905825	-	6	4	R.EALELRDGDK.S	14
PSTAT-4746	proteomics_stat	2905826	2905915	-	6	209	R.GNPTVEAEVHLEGGFVGMAAAPSGASTGSR.E	34
PSTAT-4747	proteomics_stat	2906066	2906086	-	6	2	K.AASEFQK.R	11
PSTAT-4748	proteomics_stat	2906087	2906119	-	6	3	R.DGHPLFAGFVK.A	15
PSTAT-4749	proteomics_stat	2906120	2906215	-	6	3	R.SGDDQLVEIIEVPNHPWFVACQFHPEFTSTPR.D	36
PSTAT-4750	proteomics_stat	2906252	2906284	-	6	4	R.HRYEVNMMLLK.Q	15
PSTAT-4751	proteomics_stat	2906291	2906323	-	6	3	R.QLYNAPTIVER.H	15
PSTAT-4752	proteomics_stat	2906324	2906368	-	6	5	R.LGAQQCQLVDDSLVR.Q	19
PSTAT-4753	proteomics_stat	2906369	2906401	-	6	2	R.SEKSDLGGTMR.L	15
PSTAT-4754	proteomics_stat	2906402	2906428	-	6	7	R.DENGNVEVR.S	13
PSTAT-4755	proteomics_stat	2906429	2906515	-	6	2	R.HVANMENANSTEFVPDCKYPVVALITEWR.D	33
PSTAT-4756	proteomics_stat	2906462	2906515	-	6	10	R.HVANMENANSTEFVPDCK.Y	22
PSTAT-4757	proteomics_stat	2906621	2906662	-	6	2	K.GLDAILVPGGFGYR.G	18
PSTAT-4758	proteomics_stat	2906681	2906704	-	6	2	I.DSQDVETR.G	12
PSTAT-4759	proteomics_stat	2906681	2906710	-	6	7	K.LIDSQDVETR.G	14
PSTAT-4760	proteomics_stat	2906798	2906899	-	6	3	R.FSLNCPANLSEWEQVIFEEANPVSEVTIGMVGK.Y	38
PSTAT-4761	proteomics_stat	2906933	2906971	-	6	3	K.DVDSIYKIPGLLK.S	17
PSTAT-4762	proteomics_stat	2906933	2906989	-	6	2	K.AVISLKDVDISIYKIPGLLK.S	23
PSTAT-4763	proteomics_stat	2906951	2906971	-	6	2	K.DVDSIYK.I	11
PSTAT-4764	proteomics_stat	2907056	2907100	-	6	5	K.ELLSIGIQPDILICR.S	19
PSTAT-4765	proteomics_stat	2907128	2907190	-	6	4	R.EHTLFMHLTLVPYMAASGEVK.T	25

PSTAT-4766	proteomics_stat	2907317	2907373	-	6	3	R.GDYLGATVQVIPHITNAIK.E	23
PSTAT-4767	proteomics_stat	2907317	2907376	-	6	22	R.RGDYLGATVQVIPHITNAIK.E	24
PSTAT-4768	proteomics_stat	2907383	2907406	-	6	2	R.IYSDVLRK.E	12
PSTAT-4769	proteomics_stat	2907635	2907685	-	6	2	M.TTNYIFVTGGVVSSLGK.G	21
PSTAT-4770	proteomics_stat	2908877	2908906	-	6	2	R.DGVALADQVK.S	14
PSTAT-4771	proteomics_stat	2908988	2909050	-	6	2	K.GSEQAGHRPAVVLSPFMYNNK.T	25
PSTAT-4772	proteomics_stat	2909940	2910017	-	4	2	R.LNQMVNFLQSQFNKPSAEEQDAAALK.Q	30
PSTAT-4773	proteomics_stat	2910018	2910074	-	4	2	R.YNFNDVDELLAAIGGGDIR.L	23
PSTAT-4774	proteomics_stat	2910102	2910146	-	4	2	R.QILDDELEHLGISLK.E	19
PSTAT-4775	proteomics_stat	2910573	2910605	-	4	4	K.YKEGAAAGGAR.S	15
PSTAT-4776	proteomics_stat	2910963	2910998	-	4	3	R.EHYIEEFVGHRL.A	16
PSTAT-4777	proteomics_stat	2911263	2911313	-	4	2	K.ATHTDSVSSEQVDNVR.M	21
PSTAT-4778	proteomics_stat	2911266	2911313	-	4	3	K.ATHTDSVSSEQVDNVR.R	20
PSTAT-4779	proteomics_stat	2911386	2911442	-	4	3	R.AALLFPLADANVSEDVLR.E	23
PSTAT-4780	proteomics_stat	2911961	2912035	-	6	2	R.LNGLQNVTFYHENLEEDVTKQPWAK.N	29
PSTAT-4781	proteomics_stat	2917228	2917275	-	5	2	K.DNSGHTGVGEIPGGEK.I	20
PSTAT-4782	proteomics_stat	2917977	2918078	-	4	52	R.ITVDPNGAWLLDEAISLCKGLNDVLTAEPCGA.E	38
PSTAT-4783	proteomics_stat	2920692	2920748	-	4	2	R.YGVIALGDSSYVNFNCGGK.Q	23
PSTAT-4784	proteomics_stat	2920779	2920856	-	4	2	K.YVLVVTSTTGQGDLPDSIVPLFQGIK.D	30
PSTAT-4785	proteomics_stat	2921809	2921865	-	5	2	R.ALILAELEKLDALFADDAS.-	23
PSTAT-4786	proteomics_stat	2921866	2921961	-	5	2	R.MHDLLDNKQPLPGAFAPVYEMALATDHPQR.A	36
PSTAT-4787	proteomics_stat	2922760	2922813	-	5	5	R.THLASNLAEFNLQKPLL.-	22
PSTAT-4788	proteomics_stat	2922931	2922969	-	5	3	R.VQENLIGHLVTKQ.R	17
PSTAT-4789	proteomics_stat	2929890	2929934	-	4	7	R.EATLEDIVELYHTAW.-	19
PSTAT-4790	proteomics_stat	2929935	2930000	-	4	4	R.KEDIPALQAALDDVCTGGNPR.E	26
PSTAT-4791	proteomics_stat	2930415	2930468	-	4	5	K.AATGVDALTHAIEGYITR.G	22
PSTAT-4792	proteomics_stat	2930469	2930552	-	4	2	K.FVCVDPHDIPQVAFIDAMMDGMPPALK.A	32
PSTAT-4793	proteomics_stat	2930724	2930804	-	4	2	K.EGLGVFQNSGADYLIAIGGGSPQDTCK.A	31
PSTAT-4794	proteomics_stat	2930955	2930990	-	4	2	R.GAVGALTDEVKR.R	16
PSTAT-4795	proteomics_stat	2938249	2938329	-	5	2	R.YEEVSHNLAYIQAQLDEHGINAQIQR.Q	31
PSTAT-4796	proteomics_stat	2938924	2938953	-	5	3	R.VEVADTNESK.E	14
PSTAT-4797	proteomics_stat	2938969	2939010	-	5	3	R.ITPIVGMQLQGVVEK.G	18
PSTAT-4798	proteomics_stat	2941009	2941068	-	5	3	R.TIVSDGKPQTDNDTGMISYK.D	24
PSTAT-4799	proteomics_stat	2943352	2943426	-	5	2	K.IPLVTTGGAGGQIDPTQIQVTDLAK.T	29
PSTAT-4800	proteomics_stat	2943352	2943432	-	5	2	R.NKIPLVTTGGAGGQIDPTQIQVTDLAK.T	31
PSTAT-4801	proteomics_stat	2943460	2943561	-	5	9	R.VTVVDDFVTPDNVAQYMSVGYSYVIDAIDSVRPK.A	38
PSTAT-4802	proteomics_stat	2946981	2947028	-	4	2	C.QDPTLQSAVVVYCKAR.V	20
PSTAT-4803	proteomics_stat	2948136	2948231	-	4	2	R.TRIPCCSSGRINSRIPPISLIVARRICSALSI.T	36
PSTAT-4804	proteomics_stat	2951899	2951976	-	5	2	R.LTDILHISELLQEAGTQLESEHALVR.W	30
PSTAT-4805	proteomics_stat	2953054	2953107	-	5	2	R.HPLFEAIDQLLAEPLSIR.D	22
PSTAT-4806	proteomics_stat	2954891	2954950	-	6	2	K.AFEQAIMPAQMLSQVYFSR.D	24
PSTAT-4807	proteomics_stat	2955308	2955352	-	6	3	K.KYDHPPELIVDESNLR.V	19
PSTAT-4808	proteomics_stat	2956316	2956366	-	6	4	R.MAQVSAETINPAHPGSK.F	21
PSTAT-4809	proteomics_stat	2957934	2958005	-	4	2	K.AHSEFVQPLPFTLPETVPLETLQR.F	28
PSTAT-4810	proteomics_stat	2959536	2959616	-	4	4	R.DSENAGQLFNSDGEQDVGNPLLASWGK.L	31
PSTAT-4811	proteomics_stat	2960085	2960126	-	4	2	F.TLLRHYLTDDSDKR.K	18

PSTAT-4812	proteomics_stat	2962818	2962856	-	4	8	R.HIDQITTVLNQLK.N	17
PSTAT-4813	proteomics_stat	2963073	2963114	-	4	4	R.TGTGTLISIFGHQMR.F	18
PSTAT-4814	proteomics_stat	2963115	2963147	-	4	2	K.VLDEGTQKNDR.T	15
PSTAT-4815	proteomics_stat	2963475	2963549	-	4	2	R.TEDILLQTNPQWQSIFDQYGVLP.R.H	29
PSTAT-4816	proteomics_stat	2963550	2963594	-	4	3	R.VDPNPFAMLFPGSR.T	19
PSTAT-4817	proteomics_stat	2964306	2964344	-	4	3	R.RIDYAEAENLAQR.S	17
PSTAT-4818	proteomics_stat	2964510	2964551	-	4	2	R.VANIYDSLHPAMLR.A	18
PSTAT-4819	proteomics_stat	2964684	2964725	-	4	2	R.EVEEMIGYEIPKPR.I	18
PSTAT-4820	proteomics_stat	2965236	2965310	-	4	2	R.TLIVDGYRGELLVDPEPVLLQEYQR.L	29
PSTAT-4821	proteomics_stat	2965314	2965370	-	4	2	R.ALGIPTVMGADIQPSVLHR.R	23
PSTAT-4822	proteomics_stat	2965698	2965748	-	4	2	K.ETAAIFDLYSHLLSDTR.L	21
PSTAT-4823	proteomics_stat	2976382	2976432	-	5	7	K.HGIWYTDLPAALDVIQR.H	21
PSTAT-4824	proteomics_stat	2976508	2976588	-	5	5	R.VSELQIPVFNAGSVDMLDQLGQVSPGHR.V	31
PSTAT-4825	proteomics_stat	2976589	2976675	-	5	3	R.ALAAGYNPQTHPDDIVFTADVIDQATLER.V	33
PSTAT-4826	proteomics_stat	2976811	2976864	-	5	4	R.LPAEFGCPVWVYDAQIIR.R	22
PSTAT-4827	proteomics_stat	2976865	2976918	-	5	6	M.PHSLFSTDTDLTAENLLR.L	22
PSTAT-4828	proteomics_stat	2980681	2980746	-	5	4	K.HNINVNAIAPGYMATNNTQQLR.A	26
PSTAT-4829	proteomics_stat	3002534	3002584	-	6	3	R.IISATNQNLAQFIAEGK.F	21
PSTAT-4830	proteomics_stat	3002657	3002737	-	6	5	K.TGLIQAANTGTLFLDEIGDMPLMLQAK.L	31
PSTAT-4831	proteomics_stat	3002771	3002848	-	6	6	R.NKPFIAINCAAIPQLLESELFQYVK.G	30
PSTAT-4832	proteomics_stat	3003191	3003235	-	6	3	K.TLGVVQNNIIGKPIR.F	19
PSTAT-4833	proteomics_stat	3031682	3031717	-	6	2	R.DVILFPAMRPVK.-	16
PSTAT-4834	proteomics_stat	3031718	3031753	-	6	4	R.MVMLFTNSHTIR.D	16
PSTAT-4835	proteomics_stat	3031754	3031855	-	6	7	K.DAGDDEAMFYDEDYVTALEHGLPPTAGLGIGIDR.M	38
PSTAT-4836	proteomics_stat	3031856	3031879	-	6	3	R.FLDQVAAK.D	12
PSTAT-4837	proteomics_stat	3031880	3031933	-	6	5	R.EIGNGFSELNDAEDQAQR.F	22
PSTAT-4838	proteomics_stat	3031934	3031990	-	6	8	R.RNDVNPEITDRFEFFIGGR.E	23
PSTAT-4839	proteomics_stat	3031934	3031990	-	6	8	R.RNDVNPEITDRFEFFIGGR.E	23
PSTAT-4840	proteomics_stat	3031958	3031990	-	6	5	R.RNDVNPEITDR.F	15
PSTAT-4841	proteomics_stat	3031958	3031990	-	6	5	R.RNDVNPEITDR.F	15
PSTAT-4842	proteomics_stat	3031991	3032086	-	6	23	R.IVTEIFEEVAEAHLIQPTFITEYPAEVSPLAR.R	36
PSTAT-4843	proteomics_stat	3032105	3032140	-	6	7	K.AIAESIGIHVEK.S	16
PSTAT-4844	proteomics_stat	3032141	3032191	-	6	6	K.YRPETDMADLDNFDSA.A	21
PSTAT-4845	proteomics_stat	3032141	3032194	-	6	5	K.KYRPETDMADLDNFDSA.A	22
PSTAT-4846	proteomics_stat	3032219	3032272	-	6	8	K.TEVTYGDVTLDFGKPFKE.L	22
PSTAT-4847	proteomics_stat	3032219	3032299	-	6	8	R.TLAQDILGKTEVYGDVTLDFGKPFKE.L	31
PSTAT-4848	proteomics_stat	3032273	3032299	-	6	2	R.TLAQDILGK.T	13
PSTAT-4849	proteomics_stat	3032486	3032533	-	6	36	R.PFITHHNALDLDMYLR.I	20
PSTAT-4850	proteomics_stat	3032486	3032533	-	6	36	R.PFITHHNALDLDMYLR.I	20
PSTAT-4851	proteomics_stat	3032534	3032593	-	6	4	R.GFMVEVTPMMQVIPGGAAAR.P	24
PSTAT-4852	proteomics_stat	3032654	3032683	-	6	2	Y.LDLISNDESR.N	14
PSTAT-4853	proteomics_stat	3032654	3032686	-	6	4	R.YLDLISNDESR.N	15
PSTAT-4854	proteomics_stat	3032699	3032725	-	6	3	F.HGLQDQEAR.Y	13
PSTAT-4855	proteomics_stat	3032699	3032728	-	6	4	K.FHGLQDQEAR.Y	14
PSTAT-4856	proteomics_stat	3032699	3032752	-	6	4	K.ALRLPDKFHGLQDQEAR.Y	22
PSTAT-4857	proteomics_stat	3032765	3032800	-	6	8	K.TGELSIHCTELR.L	16



PSTAT-4858	proteomics_stat	3032765	3032800	-	6	8	K.TGELSIHCTELR.L	16
PSTAT-4859	proteomics_stat	3032822	3032851	-	6	2	K.WDLGDILGAK.G	14
PSTAT-4860	proteomics_stat	3032822	3032854	-	6	4	K.KWDLGDILGAK.G	15
PSTAT-4861	proteomics_stat	3032852	3032893	-	6	3	R.DDLPEGVYNEQFKK.W	18
PSTAT-4862	proteomics_stat	3032855	3032893	-	6	10	R.DDLPEGVYNEQFK.K	17
PSTAT-4863	proteomics_stat	3032915	3032950	-	6	3	K.ASFVTLQDVGGR.I	16
PSTAT-4864	proteomics_stat	3032915	3032950	-	6	3	K.ASFVTLQDVGGR.I	16
PSTAT-4865	proteomics_stat	3033137	3033193	-	6	2	M.SEQHAQGADAVVDLNNELK.T	23
PSTAT-4866	proteomics_stat	3033218	3033274	-	6	169	R.NTQAVLDGSLDQFIEASLK.A	23
PSTAT-4867	proteomics_stat	3033308	3033331	-	6	11	R.SYVLDDSR.I	12
PSTAT-4868	proteomics_stat	3033395	3033421	-	6	9	K.LYELEMQKK.N	13
PSTAT-4869	proteomics_stat	3033470	3033517	-	6	24	R.ITHIPTGIVTQCQNDR.S	20
PSTAT-4870	proteomics_stat	3033584	3033664	-	6	66	R.HTSFSSAFVYPEVDDDDIDIEINPADLR.I	31
PSTAT-4871	proteomics_stat	3033584	3033667	-	6	10	R.RHTSFSSAFVYPEVDDDDIDIEINPADLR.I	32
PSTAT-4872	proteomics_stat	3033773	3033817	-	6	6	K.TEIIIESEGEVAGIK.S	19
PSTAT-4873	proteomics_stat	3033977	3034081	-	6	108	K.QGLEDVSGLLELAVEADDEETFNEAVAELDALEEK.L	39
PSTAT-4874	proteomics_stat	3034082	3034123	-	6	28	R.SSLEAVVDTLDQMK.Q	18
PSTAT-4875	proteomics_stat	3034148	3034204	-	6	10	R.LEEVNAELEQPDVWNEPER.A	23
PSTAT-4876	proteomics_stat	3034148	3034210	-	6	4	K.ERLEEVAELEQPDVWNEPER.A	25
PSTAT-4877	proteomics_stat	3036152	3036175	-	6	2	K.EFLDEHQK.M	12
PSTAT-4878	proteomics_stat	3036428	3036475	-	6	4	K.LHEQMADYNALGITVR.Y	20
PSTAT-4879	proteomics_stat	3036590	3036652	-	6	3	K.HIIQGPMYDVSGETAPVNVVTK.M	25
PSTAT-4880	proteomics_stat	3036653	3036700	-	6	2	K.TVLTNSGVLYITDDGK.H	20
PSTAT-4881	proteomics_stat	3036701	3036739	-	6	4	K.SSDIQPAPVAGMK.T	17
PSTAT-4882	proteomics_stat	3036752	3036784	-	6	11	A.DDAAIQQTAK.M	15
PSTAT-4883	proteomics_stat	3037406	3037432	-	6	2	K.DLSEAQVER.L	13
PSTAT-4884	proteomics_stat	3038970	3039038	-	4	2	R.ELDISIMPFFEHEYDSLSDDEKR.I	27
PSTAT-4885	proteomics_stat	3041343	3041396	-	4	3	K.VIADIYPGQTQFYVIEFK.C	22
PSTAT-4886	proteomics_stat	3041397	3041438	-	4	2	K.HAEQENMTLTELK.V	18
PSTAT-4887	proteomics_stat	3041544	3041582	-	4	3	K.TITIRDESESHFK.T	17
PSTAT-4888	proteomics_stat	3044232	3044255	-	4	2	R.LDDVYGDR.N	12
PSTAT-4889	proteomics_stat	3044232	3044258	-	4	4	K.RLDDVYGDR.N	13
PSTAT-4890	proteomics_stat	3044259	3044312	-	4	6	R.EVAVFPAGVADKYWPTVK.R	22
PSTAT-4891	proteomics_stat	3044313	3044405	-	4	3	K.AGVWPLEDNPLVNAPHIQSELVAEWAHPYSR.E	35
PSTAT-4892	proteomics_stat	3044469	3044555	-	4	3	R.LIDYGFHAPTMSPVAGTLMVEPTESESK.V	33
PSTAT-4893	proteomics_stat	3044556	3044633	-	4	2	R.VAHECILDIRPLKEETGISELDIAKR.L	30
PSTAT-4894	proteomics_stat	3044559	3044633	-	4	5	R.VAHECILDIRPLKEETGISELDIAK.R	29
PSTAT-4895	proteomics_stat	3044679	3044723	-	4	6	K.ASQVAILNANYIASR.L	19
PSTAT-4896	proteomics_stat	3044751	3044819	-	4	7	R.QGAVSAAPFGSASILPISWMIYR.M	27
PSTAT-4897	proteomics_stat	3044751	3044852	-	4	2	H.SVVQIEGMLTRQGAVSAAPFGSASILPISWMIYR.M	38
PSTAT-4898	proteomics_stat	3044820	3044882	-	4	2	K.AHLAPFVPGHSSVVQIEGMLTR.Q	25
PSTAT-4899	proteomics_stat	3044883	3044939	-	4	2	K.TFCIPHGGGGPGMGPVIGVK.A	23
PSTAT-4900	proteomics_stat	3045069	3045155	-	4	3	R.AKAEQAGDNLSCIMVTYPSTHGVYEETIR.E	33
PSTAT-4901	proteomics_stat	3045312	3045389	-	4	2	K.LTGYDAVCMQPNSSAQGEYAGLLAIR.H	30
PSTAT-4902	proteomics_stat	3045519	3045569	-	4	2	K.DLALNQAMIPLGSCTMK.L	21
PSTAT-4903	proteomics_stat	3045519	3045572	-	4	2	R.KDLALNQAMIPLGSCTMK.L	22

PSTAT-4904	proteomics_stat	3045621	3045656	-	4	3	R.DDEILTHPVFNR.Y	16
PSTAT-4905	proteomics_stat	3045621	3045680	-	4	2	R.SIQPAMLRDDEILTHPVFNR.Y	24
PSTAT-4906	proteomics_stat	3045681	3045773	-	4	5	R.ENVMQLFNVLLGDNHGLDIDTLDKDVAHDSR.S	35
PSTAT-4907	proteomics_stat	3045774	3045824	-	4	5	R.SDILNAVGITLDETTTR.E	21
PSTAT-4908	proteomics_stat	3046119	3046145	-	4	6	K.DAAGNTALR.M	13
PSTAT-4909	proteomics_stat	3046194	3046247	-	4	8	R.FGVPMGYGGPHAAFFAAK.D	22
PSTAT-4910	proteomics_stat	3046848	3046919	-	4	10	K.DIQLATPPQVGAPATEYAALAEK.A	28
PSTAT-4911	proteomics_stat	3046920	3047012	-	4	3	R.HIGPDAAQQQEMLNAVGAQSLNALTGQIVPK.D	35
PSTAT-4912	proteomics_stat	3047013	3047060	-	4	5	M.TQTLSQLENSGAFIER.H	20
PSTAT-4913	proteomics_stat	3047185	3047253	-	5	2	K.ASDESELESLLDATAYEALLEDE.-	27
PSTAT-4914	proteomics_stat	3047185	3047259	-	5	29	K.IKASDESELESLLDATAYEALLEDE.-	29
PSTAT-4915	proteomics_stat	3047518	3047535	-	5	2	K.EHEWLR.K	10
PSTAT-4916	proteomics_stat	3047661	3047702	-	4	2	R.VPEGIGETAIVQIR.N	18
PSTAT-4917	proteomics_stat	3047703	3047792	-	4	4	R.FTDAQGNQHHEGIITSGTFSPTLGYSIALAR.V	34
PSTAT-4918	proteomics_stat	3047823	3047849	-	4	3	K.LVGLVMTEK.G	13
PSTAT-4919	proteomics_stat	3048018	3048062	-	4	10	R.ALVEAGVKPCGLGAR.D	19
PSTAT-4920	proteomics_stat	3048225	3048272	-	4	8	R.DDLSMIAVQGPNAQAK.A	20
PSTAT-4921	proteomics_stat	3048462	3048488	-	4	3	R.YLLANDVAK.L	13
PSTAT-4922	proteomics_stat	3048516	3048566	-	4	5	R.TDAGMFDVSHMTIVDLR.G	21
PSTAT-4923	proteomics_stat	3048639	3048686	-	4	8	M.AQQTPLYEQHTLCGAR.M	20
PSTAT-4924	proteomics_stat	3049866	3049889	-	4	2	K.DGSMLTAR.L	12
PSTAT-4925	proteomics_stat	3050629	3050700	-	5	4	R.TVLVGNAAQTLHPIAGQGFNLGMR.D	28
PSTAT-4926	proteomics_stat	3050680	3050754	-	5	5	K.RSAYPLALTHAARSITHRTVLVGN.A	29
PSTAT-4927	proteomics_stat	3051397	3051477	-	5	2	R.LSHGALPVHLIEATAPESHAHPGFDGR.A	31
PSTAT-4928	proteomics_stat	3051546	3051584	-	4	11	K.KPEEIEALMVAAR.K	17
PSTAT-4929	proteomics_stat	3051585	3051647	-	4	3	R.IEDDIVITETGNENLTASVVK.K	25
PSTAT-4930	proteomics_stat	3051663	3051743	-	4	6	R.ILEPGMVLTVEPGLYIAPDAEVPEQYR.G	31
PSTAT-4931	proteomics_stat	3051954	3051998	-	4	7	R.EIYDIVLESLETSLR.L	19
PSTAT-4932	proteomics_stat	3052062	3052103	-	4	5	R.DGDVLVLDAGCEYK.G	18
PSTAT-4933	proteomics_stat	3052269	3052301	-	4	7	R.AGEITAMAHR.A	15
PSTAT-4934	proteomics_stat	3052269	3052304	-	4	2	R.RAGEITAMAHR.A	16
PSTAT-4935	proteomics_stat	3052305	3052331	-	4	3	K.SPEEIAVLR.R	13
PSTAT-4936	proteomics_stat	3052557	3052583	-	4	5	R.LGQDAAPEK.L	13
PSTAT-4937	proteomics_stat	3052557	3052586	-	4	3	R.RLGQDAAPEK.L	14
PSTAT-4938	proteomics_stat	3052623	3052661	-	4	12	K.SDDTHNHSVLFNR.V	17
PSTAT-4939	proteomics_stat	3052755	3052823	-	4	3	R.QALVEQMPPGSAALIFAPEVTR.S	27
PSTAT-4940	proteomics_stat	3052891	3052968	-	5	7	R.VAALLCHDTFTHPQPTAPEVQKPTLH.-	30
PSTAT-4941	proteomics_stat	3053053	3053091	-	5	2	K.VTGETGEAIDDLR.N	17
PSTAT-4942	proteomics_stat	3053053	3053100	-	5	5	K.LDKVTGETGEAIDDLR.N	20
PSTAT-4943	proteomics_stat	3055371	3055415	-	4	2	R.LMHIHENRPGVLTAL.N	19
PSTAT-4944	proteomics_stat	3055416	3055490	-	4	5	K.YSDNGSTLSAVNFPEVSLPLHGGR.L	29
PSTAT-4945	proteomics_stat	3055419	3055490	-	4	51	K.YSDNGSTLSAVNFPEVSLPLHGGR.R	28
PSTAT-4946	proteomics_stat	3055419	3055493	-	4	5	I.KYSDNGSTLSAVNFPEVSLPLHGGR.R	29
PSTAT-4947	proteomics_stat	3055500	3055556	-	4	12	H.IGGSTQEAQENIGLEVAGK.L	23
PSTAT-4948	proteomics_stat	3055557	3055664	-	4	17	K.HLAGAAIDVFPTEPATNSDPFTSPLCFDNVLLTPH.I	40
PSTAT-4949	proteomics_stat	3055608	3055664	-	4	2	K.HLAGAAIDVFPTEPATNSD.P	23

PSTAT-4950	proteomics_stat	3055665	3055709	-	4	3	G.TVVDIPALCDALASK.H	19
PSTAT-4951	proteomics_stat	3055665	3055712	-	4	17	R.GTVVDIPALCDALASK.H	20
PSTAT-4952	proteomics_stat	3055713	3055760	-	4	19	K.EISLMKPGSLLINASR.G	20
PSTAT-4953	proteomics_stat	3055779	3055862	-	4	2	N.ATQVQHLSDLLNMSDVVSLHVPENPSTK.N	32
PSTAT-4954	proteomics_stat	3055779	3055877	-	4	9	K.LPLGNATQVQHLSDLLNMSDVVSLHVPENPSTK.N	37
PSTAT-4955	proteomics_stat	3055983	3056009	-	4	6	K.LAAGSFEAR.G	13
PSTAT-4956	proteomics_stat	3056103	3056141	-	4	13	R.GIPVFNAPFSNTR.S	17
PSTAT-4957	proteomics_stat	3056103	3056144	-	4	2	K.RGIPVFNAPFSNTR.S	18
PSTAT-4958	proteomics_stat	3056208	3056243	-	4	6	T.HLTEDVINAAEK.L	16
PSTAT-4959	proteomics_stat	3056208	3056246	-	4	39	R.THLTEDVINAAEK.L	17
PSTAT-4960	proteomics_stat	3056208	3056252	-	4	9	R.SRTHLTEDVINAAEK.L	19
PSTAT-4961	proteomics_stat	3056253	3056276	-	4	10	R.DAHFIGLR.S	12
PSTAT-4962	proteomics_stat	3056253	3056288	-	4	2	K.ESIRDAHFIGLR.S	16
PSTAT-4963	proteomics_stat	3056277	3056315	-	4	20	K.GALDDEQLKESIR.D	17
PSTAT-4964	proteomics_stat	3056277	3056348	-	4	4	R.AAGYTNIIEFHKGALDDEQLKESIR.D	28
PSTAT-4965	proteomics_stat	3056289	3056315	-	4	5	K.GALDDEQLK.E	13
PSTAT-4966	proteomics_stat	3056316	3056342	-	4	2	A.GYTNIIEFHK.G	13
PSTAT-4967	proteomics_stat	3056316	3056345	-	4	4	A.AGYTNIIEFHK.G	14
PSTAT-4968	proteomics_stat	3056316	3056348	-	4	16	R.AAGYTNIIEFHK.G	15
PSTAT-4969	proteomics_stat	3056367	3056390	-	4	4	L.LVEGVHQK.A	12
PSTAT-4970	proteomics_stat	3056367	3056393	-	4	10	F.LLVEGVHQK.A	13
PSTAT-4971	proteomics_stat	3056367	3056396	-	4	16	K.FLLVEGVHQK.A	14
PSTAT-4972	proteomics_stat	3056403	3056423	-	4	2	K.VSLEKDK.I	11
PSTAT-4973	proteomics_stat	3056403	3056429	-	4	2	M.AKVSLEKDK.I	13
PSTAT-4974	proteomics_stat	3056703	3056744	-	4	5	R.GADVALIGTPDGVK.T	18
PSTAT-4975	proteomics_stat	3056928	3056963	-	4	5	K.FPLPVEVIPMAR.S	16
PSTAT-4976	proteomics_stat	3056928	3056984	-	4	3	K.QVDILGKFPLPVEVIPMAR.S	23
PSTAT-4977	proteomics_stat	3056985	3057011	-	4	2	K.FICIADASK.Q	13
PSTAT-4978	proteomics_stat	3057012	3057035	-	4	2	K.IIASVAEK.F	12
PSTAT-4979	proteomics_stat	3057012	3057041	-	4	3	R.EKIIASVAEK.F	14
PSTAT-4980	proteomics_stat	3057171	3057218	-	4	19	K.GQIEGAVSSSDASTEK.L	20
PSTAT-4981	proteomics_stat	3057219	3057323	-	4	102	K.AVGWAALQYVQPGTIVGVGTGSTA AHFIDALGTMK.G	39
PSTAT-4982	proteomics_stat	3057219	3057326	-	4	5	K.KAVGWAALQYVQPGTIVGVGTGSTA AHFIDALGTMK.G	40
PSTAT-4983	proteomics_stat	3065380	3065493	-	5	7	K.ADAAPVSAQETYEQA AIQFDDQVDVVFLQLEPVDQQPAK.T	42
PSTAT-4984	proteomics_stat	3065503	3065541	-	5	6	R.YHVSNYQPSPMVR.M	17
PSTAT-4985	proteomics_stat	3065569	3065625	-	5	8	K.AAIDNAIHQAQELANGFHR.K	23
PSTAT-4986	proteomics_stat	3065569	3065628	-	5	8	R.KAAIDNAIHQAQELANGFHR.K	24
PSTAT-4987	proteomics_stat	3065593	3065625	-	5	2	K.AAIDNAIHQAQ.E	15
PSTAT-4988	proteomics_stat	3065635	3065679	-	5	8	R.SVSLGVAQPDAYKDK.A	19
PSTAT-4989	proteomics_stat	3065701	3065742	-	5	4	R.QLDLKLNLLDGALK.A	18
PSTAT-4990	proteomics_stat	3065794	3065826	-	5	2	R.TQPDYDYQDGK.S	15
PSTAT-4991	proteomics_stat	3065827	3065853	-	5	5	K.KDISSANLR.T	13
PSTAT-4992	proteomics_stat	3065854	3065898	-	5	23	R.VAQYISFLELNQIAK.K	19
PSTAT-4993	proteomics_stat	3065935	3066039	-	5	35	A.NELPDGPHIVTSGTASVDAVPDIATLAI EVNVA AK.D	39
PSTAT-4994	proteomics_stat	3066993	3067052	-	4	4	R.EFDAAGISFPYPQMDVNFKR.V	24
PSTAT-4995	proteomics_stat	3066996	3067052	-	4	5	R.EFDAAGISFPYPQMDVNFKR.R	23

PSTAT-4996	proteomics_stat	3067062	3067115	-	4	4	R.VWSNSGDLQNVYWDVLER.I	22
PSTAT-4997	proteomics_stat	3067116	3067157	-	4	7	R.LNELGASSINFVVR.V	18
PSTAT-4998	proteomics_stat	3067188	3067223	-	4	4	K.QILTNIQSEDR.I	16
PSTAT-4999	proteomics_stat	3067224	3067274	-	4	21	R.NEFIIGVAYDSDIDQVK.Q	21
PSTAT-5000	proteomics_stat	3067290	3067322	-	4	4	K.IIAGNIINFSR.E	15
PSTAT-5001	proteomics_stat	3068190	3068222	-	4	3	K.AFQELNAIDVL.-	15
PSTAT-5002	proteomics_stat	3068232	3068258	-	4	5	R.AGQTSMIAR.L	13
PSTAT-5003	proteomics_stat	3068286	3068351	-	4	17	K.ANEAYLQGQLGNPKGEDQPNNK.Y	26
PSTAT-5004	proteomics_stat	3068289	3068351	-	4	2	K.ANEAYLQGQLGNPKGEDQPNNK.K	25
PSTAT-5005	proteomics_stat	3068310	3068351	-	4	18	K.ANEAYLQGQLGNPK.G	18
PSTAT-5006	proteomics_stat	3068352	3068411	-	4	52	K.MNIDTDTQWATWEGVLNYYK.A	24
PSTAT-5007	proteomics_stat	3068412	3068438	-	4	13	K.DSVSYGVVK.M	13
PSTAT-5008	proteomics_stat	3068439	3068510	-	4	11	K.HNLPHNLSLNFVHGGSGSTAQEI.K.D	28
PSTAT-5009	proteomics_stat	3068511	3068537	-	4	2	R.DSQEYVSKK.H	13
PSTAT-5010	proteomics_stat	3068514	3068537	-	4	15	R.DSQEYVSK.K	12
PSTAT-5011	proteomics_stat	3068538	3068585	-	4	3	H.GVYKPGNVVLTPTILR.D	20
PSTAT-5012	proteomics_stat	3068538	3068591	-	4	6	N.VHGVYKPGNVVLTPTILR.D	22
PSTAT-5013	proteomics_stat	3068538	3068594	-	4	2	G.NVHGVYKPGNVVLTPTILR.D	23
PSTAT-5014	proteomics_stat	3068538	3068603	-	4	3	A.SFGNVHGVYKPGNVVLTPTILR.D	26
PSTAT-5015	proteomics_stat	3068538	3068618	-	4	252	R.FTIAASFGNVHGVYKPGNVVLTPTILR.D	31
PSTAT-5016	proteomics_stat	3068787	3068840	-	4	3	H.MIDLSEESLQENIEICSK.Y	22
PSTAT-5017	proteomics_stat	3068841	3068879	-	4	7	K.HFAATGKPLFSSH.M	17
PSTAT-5018	proteomics_stat	3068880	3068921	-	4	9	K.LLPWIDGLLDAGEK.H	18
PSTAT-5019	proteomics_stat	3068880	3068924	-	4	15	K.LLPWIDGLLDAGEK.H	19
PSTAT-5020	proteomics_stat	3068991	3069041	-	4	5	K.SDVPQGAAILGAISGAH.H	21
PSTAT-5021	proteomics_stat	3069051	3069104	-	4	12	K.APVIVQFSNGGASFIAGK.G	22
PSTAT-5022	proteomics_stat	3069051	3069110	-	4	70	K.VKAPVIVQFSNGGASFIAGK.G	24
PSTAT-5023	proteomics_stat	3069111	3069188	-	4	22	K.ENNFALPAVNCVGTDSINAVLETA.K.V	30
PSTAT-5024	proteomics_stat	3069207	3069257	-	4	11	K.IFDFVKPGVITGDDVQK.V	21
PSTAT-5025	proteomics_stat	3069207	3069263	-	4	20	M.SKIFDFVKPGVITGDDVQK.V	23
PSTAT-5026	proteomics_stat	3069493	3069522	-	5	3	V.LPAVAMLEER.A	14
PSTAT-5027	proteomics_stat	3069493	3069525	-	5	12	K.VLPAVAMLEER.A	15
PSTAT-5028	proteomics_stat	3069526	3069579	-	5	1016	K.ISYISTGGGAFLEFVEGK.V	22
PSTAT-5029	proteomics_stat	3069580	3069684	-	5	115	K.GTEIVANAIDSEAFSIAGGGDTLAAIDLFGIADK.I	39
PSTAT-5030	proteomics_stat	3069580	3069687	-	5	1135	R.KGTEIVANAIDSEAFSIAGGGDTLAAIDLFGIADK.I	40
PSTAT-5031	proteomics_stat	3069685	3069738	-	5	8	K.TILWNGPVGVFEPNFRK.G	22
PSTAT-5032	proteomics_stat	3069688	3069729	-	5	3	L.WNGPVGVFEPNFR.K	18
PSTAT-5033	proteomics_stat	3069688	3069732	-	5	5	I.LWNGPVGVFEPNFR.K	19
PSTAT-5034	proteomics_stat	3069688	3069735	-	5	4	T.ILWNGPVGVFEPNFR.K	20
PSTAT-5035	proteomics_stat	3069688	3069738	-	5	87	K.TILWNGPVGVFEPNFR.K	21
PSTAT-5036	proteomics_stat	3069688	3069741	-	5	10	A.KTILWNGPVGVFEPNFR.K	22
PSTAT-5037	proteomics_stat	3069748	3069801	-	5	3	E.QILDIGDASAQELAEILK.N	22
PSTAT-5038	proteomics_stat	3069748	3069810	-	5	15	K.ADEQILDIGDASAQELAEILK.N	25
PSTAT-5039	proteomics_stat	3069748	3069828	-	5	88	K.SVNDVKADEQILDIGDASAQELAEILK.N	31
PSTAT-5040	proteomics_stat	3069829	3069867	-	5	2	V.ATEFSETAPATLK.S	17
PSTAT-5041	proteomics_stat	3069829	3069870	-	5	21	R.VATEFSETAPATLK.S	18

PSTAT-5042	proteomics_stat	3069829	3069873	-	5	3	V.RVATEFSETAPATLK.S	19
PSTAT-5043	proteomics_stat	3069871	3069912	-	5	10	R.LLTTCNIPVPSDVR.V	18
PSTAT-5044	proteomics_stat	3069871	3069915	-	5	4	K.RLLTTCNIPVPSDVR.V	19
PSTAT-5045	proteomics_stat	3069913	3069945	-	5	6	L.YEADLVDEAKR.L	15
PSTAT-5046	proteomics_stat	3069913	3069948	-	5	2	S.LYEADLVDEAKR.L	16
PSTAT-5047	proteomics_stat	3069913	3069951	-	5	15	K.SLYEADLVDEAKR.L	17
PSTAT-5048	proteomics_stat	3069916	3069951	-	5	5	K.SLYEADLVDEAK.R	16
PSTAT-5049	proteomics_stat	3069952	3069981	-	5	5	F.IAAQGHHDVVGK.S	14
PSTAT-5050	proteomics_stat	3069952	3070026	-	5	215	K.IADQLIVGGGIANTFIAAQGHHDVVGK.S	29
PSTAT-5051	proteomics_stat	3070027	3070053	-	5	2	K.LTVLDSLSK.I	13
PSTAT-5052	proteomics_stat	3070066	3070107	-	5	6	K.EPARPMVAIVGGSK.V	18
PSTAT-5053	proteomics_stat	3070066	3070116	-	5	5	K.ALKEPARPMVAIVGGSK.V	21
PSTAT-5054	proteomics_stat	3070117	3070173	-	5	3	F.ADVACAGPLLAELDALGK.A	23
PSTAT-5055	proteomics_stat	3070117	3070176	-	5	106	K.FADVACAGPLLAELDALGK.A	24
PSTAT-5056	proteomics_stat	3070177	3070206	-	5	7	R.AQASTHGIGK.F	14
PSTAT-5057	proteomics_stat	3070207	3070257	-	5	2	Y.AALCDVFVMDAFGTAHR.A	21
PSTAT-5058	proteomics_stat	3070207	3070260	-	5	78	K.YAALCDVFVMDAFGTAHR.A	22
PSTAT-5059	proteomics_stat	3070207	3070263	-	5	26	K.KYAALCDVFVMDAFGTAHR.A	23
PSTAT-5060	proteomics_stat	3070261	3070287	-	5	5	K.KDDETLSKK.Y	13
PSTAT-5061	proteomics_stat	3070261	3070305	-	5	2	R.FNKGEKKDDETLSKK.Y	19
PSTAT-5062	proteomics_stat	3070264	3070284	-	5	2	K.DDETLSK.K	11
PSTAT-5063	proteomics_stat	3070264	3070287	-	5	3	K.KDDETLSK.K	12
PSTAT-5064	proteomics_stat	3070306	3070353	-	5	7	D.GVDVAEGELVVLENVR.F	20
PSTAT-5065	proteomics_stat	3070306	3070365	-	5	62	K.DYLDGVDVAEGELVVLENVR.F	24
PSTAT-5066	proteomics_stat	3070306	3070374	-	5	134	R.LVKDYLDGVDVAEGELVVLENVR.F	27
PSTAT-5067	proteomics_stat	3070375	3070398	-	5	5	K.DKLSNPVR.L	12
PSTAT-5068	proteomics_stat	3070393	3070485	-	5	7	K.VMVTSHLGRPTEGEYNEEFSLPPVVNYLK.D	35
PSTAT-5069	proteomics_stat	3070399	3070458	-	5	3	R.PTEGEYNEEFSLPPVVNYLK.D	24
PSTAT-5070	proteomics_stat	3070399	3070473	-	5	3	T.SHLGRPTEGEYNEEFSLPPVVNYLK.D	29
PSTAT-5071	proteomics_stat	3070399	3070482	-	5	2	V.MVTSHLGRPTEGEYNEEFSLPPVVNYLK.D	32
PSTAT-5072	proteomics_stat	3070399	3070485	-	5	26	K.VMVTSHLGRPTEGEYNEEFSLPPVVNYLK.D	33
PSTAT-5073	proteomics_stat	3070459	3070485	-	5	2	K.VMVTSHLGR.P	13
PSTAT-5074	proteomics_stat	3070498	3070536	-	5	3	R.IRASLPTIELALK.Q	17
PSTAT-5075	proteomics_stat	3070555	3070587	-	5	20	R.ADLNVPVKDGK.V	15
PSTAT-5076	proteomics_stat	3070564	3070587	-	5	4	R.ADLNVPVK.D	12
PSTAT-5077	proteomics_stat	3070600	3070626	-	5	4	M.TDLDLAGKR.V	13
PSTAT-5078	proteomics_stat	3070600	3070629	-	5	9	K.MTDLDLAGKR.V	14
PSTAT-5079	proteomics_stat	3070603	3070629	-	5	7	K.MTDLDLAGK.R	13
PSTAT-5080	proteomics_stat	3071282	3071356	-	6	2	K.VLFSHPGSNDLDATVVYGVNQDQLR.A	29
PSTAT-5081	proteomics_stat	3071396	3071446	-	6	2	R.ELGVDVVLDCGTGVYGSR.E	21
PSTAT-5082	proteomics_stat	3072706	3072759	-	5	11	Q.NGADAGSNDHLKGINAVK.I	22
PSTAT-5083	proteomics_stat	3077867	3077920	-	6	4	R.VVSMPSSTDAFDKQDAAYR.E	22
PSTAT-5084	proteomics_stat	3078044	3078073	-	6	4	R.TEEQLANIAR.G	14
PSTAT-5085	proteomics_stat	3078146	3078196	-	6	4	N.MSTWRPCDQVESAWWK.Y	21
PSTAT-5086	proteomics_stat	3078209	3078295	-	6	3	R.QVMVYTHDSIGLGEDGPTHQPVEQVASLR.V	33
PSTAT-5087	proteomics_stat	3078428	3078472	-	6	2	A.INEDAAGNYIHYGVR.E	19

PSTAT-5088	proteomics_stat	3078428	3078475	-	6	13	K.AINEDAAGNYIHYGVR.E	20
PSTAT-5089	proteomics_stat	3078476	3078580	-	6	2	K.ASQNAIEAFGPLLPEFLGGSADLAPSNLTLWSGSK.A	39
PSTAT-5090	proteomics_stat	3078476	3078583	-	6	16	R.KASQNAIEAFGPLLPEFLGGSADLAPSNLTLWSGSK.A	40
PSTAT-5091	proteomics_stat	3078638	3078673	-	6	14	R.MKGEMPSDFDAK.A	16
PSTAT-5092	proteomics_stat	3078677	3078709	-	6	5	K.AYPQEAAEFTR.R	15
PSTAT-5093	proteomics_stat	3078767	3078814	-	6	3	Y.APFEIPSEIYAQWDAK.E	20
PSTAT-5094	proteomics_stat	3078767	3078817	-	6	29	K.YAPFEIPSEIYAQWDAK.E	21
PSTAT-5095	proteomics_stat	3078836	3078895	-	6	22	K.AGTHDSHGAPLGDAEIALTR.E	24
PSTAT-5096	proteomics_stat	3078896	3078925	-	6	2	K.TIIGFGSPNK.A	14
PSTAT-5097	proteomics_stat	3078926	3078961	-	6	4	R.AVTDKPSLLMCK.T	16
PSTAT-5098	proteomics_stat	3078980	3079015	-	6	17	R.DIDGHDAASIKR.A	16
PSTAT-5099	proteomics_stat	3078983	3079015	-	6	3	R.DIDGHDAASIK.R	15
PSTAT-5100	proteomics_stat	3079016	3079045	-	6	6	R.FEAYGWHVIR.D	14
PSTAT-5101	proteomics_stat	3079265	3079318	-	6	3	T.GPLGQGIANAVGMAIAEK.T	22
PSTAT-5102	proteomics_stat	3079265	3079369	-	6	91	K.TPGHPEVGYTAGVETTTGPLGQGIANAVGMAIAEK.T	39
PSTAT-5103	proteomics_stat	3079487	3079519	-	6	2	K.HNPQNPSWADR.D	15
PSTAT-5104	proteomics_stat	3079532	3079588	-	6	32	K.SGHPGAPMGADIAEVLWR.D	23
PSTAT-5105	proteomics_stat	3079595	3079621	-	6	3	R.ALSMDAVQK.A	13
PSTAT-5106	proteomics_stat	3079595	3079621	-	6	3	R.ALSMDAVQK.A	13
PSTAT-5107	proteomics_stat	3081058	3081114	-	5	2	D.PAFAPGTGTPVIGGLTSDR.A	23
PSTAT-5108	proteomics_stat	3081058	3081168	-	5	4	K.QIVGDMPVYLTFDIDCLDPAFAPGTGTPVIGGLTSDR.A	41
PSTAT-5109	proteomics_stat	3081199	3081258	-	5	4	R.TEFDKDNNGFTVLDACQVNR.S	24
PSTAT-5110	proteomics_stat	3081259	3081303	-	5	3	K.EGLIDPNHSVQIGIR.T	19
PSTAT-5111	proteomics_stat	3081304	3081393	-	5	3	K.MALVHFDAHTDTYANGCEFDHGTMFYAPK.E	34
PSTAT-5112	proteomics_stat	3081418	3081465	-	5	7	R.MLSFGGDHFVTLPLLR.A	20
PSTAT-5113	proteomics_stat	3081523	3081573	-	5	5	R.LNVVDCGDLVYAFGDAR.E	21
PSTAT-5114	proteomics_stat	3081604	3081639	-	5	4	R.QVSTNLAWEHNR.F	16
PSTAT-5115	proteomics_stat	3081673	3081756	-	5	6	R.LPMNFQPYDSADWVITGVPFDMATSGR.A	32
PSTAT-5116	proteomics_stat	3081757	3081816	-	5	4	M.STLGHQYDNSLVSNFAFGFLR.L	24
PSTAT-5117	proteomics_stat	3082494	3082529	-	4	11	R.AHRPIIDELQER.M	16
PSTAT-5118	proteomics_stat	3082551	3082598	-	4	6	R.AWAEQLYLSMCHEVQK.Q	20
PSTAT-5119	proteomics_stat	3082599	3082679	-	4	4	R.EWLHDSQMDLHDIIHIGYSSGIFSLQER.A	31
PSTAT-5120	proteomics_stat	3082746	3082790	-	4	6	R.NEYTVPTAPAEDAPR.A	19
PSTAT-5121	proteomics_stat	3082791	3082844	-	4	5	R.AVTAHHTVLVSNIIIGVER.N	22
PSTAT-5122	proteomics_stat	3083160	3083207	-	4	11	K.FGLAATQVLQLVETLR.E	20
PSTAT-5123	proteomics_stat	3083160	3083213	-	4	7	K.SKFGAATQVLQLVETLR.E	22
PSTAT-5124	proteomics_stat	3083403	3083435	-	4	2	R.SVIVCNGYKDR.E	15
PSTAT-5125	proteomics_stat	3083436	3083477	-	4	3	K.AELMAVLAHAGMTR.S	18
PSTAT-5126	proteomics_stat	3083478	3083534	-	4	5	R.VIESLIHSGEPLGLEAGSK.A	23
PSTAT-5127	proteomics_stat	3083478	3083537	-	4	5	R.RVIESLIHSGEPLGLEAGSK.A	24
PSTAT-5128	proteomics_stat	3083553	3083600	-	4	8	R.ESYGYNGDYFLVYPIK.V	20
PSTAT-5129	proteomics_stat	3083553	3083606	-	4	2	R.ARESYGYNGDYFLVYPIK.V	22
PSTAT-5130	proteomics_stat	3083637	3083678	-	4	5	R.LPALFCFPQILQHR.L	18
PSTAT-5131	proteomics_stat	3083832	3083873	-	4	2	R.SMQEAMSSQEASK.M	18
PSTAT-5132	proteomics_stat	3086390	3086413	-	6	7	S.NYTDIQAK.E	12
PSTAT-5133	proteomics_stat	3099022	3099099	-	5	3	K.SGGNPLQNVLGSLGGLQSSIQTWKK.Q	30

PSTAT-5134	proteomics_stat	3099025	3099099	-	5	3	K.SGGNPLQNVLGLSLGGLQSSIQTEWK.K	29
PSTAT-5135	proteomics_stat	3099112	3099186	-	5	3	R.AEGQQLVNVQAMGGILQDSINEMGAK.A	29
PSTAT-5136	proteomics_stat	3099205	3099231	-	5	2	R.SDGLTFHYK.A	13
PSTAT-5137	proteomics_stat	3099403	3099435	-	5	2	R.EQAKDYQAE LR.S	15
PSTAT-5138	proteomics_stat	3099520	3099558	-	5	7	R.DDVIVSPQTVQVK.G	17
PSTAT-5139	proteomics_stat	3099559	3099585	-	5	2	A.DYQCSVTPR.D	13
PSTAT-5140	proteomics_stat	3099898	3099924	-	5	3	C.TEEHQAIVR.K	13
PSTAT-5141	proteomics_stat	3099898	3099927	-	5	11	K.CTEEHQAIVR.K	14
PSTAT-5142	proteomics_stat	3099994	3100071	-	5	41	R.FPEGTSEEQIDKTVDDFINEVIEPNK.L	30
PSTAT-5143	proteomics_stat	3100036	3100071	-	5	7	R.FPEGTSEEQIDK.T	16
PSTAT-5144	proteomics_stat	3100164	3100199	-	4	5	R.LGHGVWDL MFER.V	16
PSTAT-5145	proteomics_stat	3100233	3100277	-	4	2	K.NLSESN DYVPRPASR.P	19
PSTAT-5146	proteomics_stat	3100491	3100526	-	4	10	R.VMCHDAVEVLHK.M	16
PSTAT-5147	proteomics_stat	3100527	3100625	-	4	2	K.DRPEQDFLGIEVHSPGVGACLASAHEEGLSNLR.V	37
PSTAT-5148	proteomics_stat	3106671	3106706	-	4	2	K.LGDLLIHEGSAK.D	16
PSTAT-5149	proteomics_stat	3106707	3106733	-	4	2	R.ADMCNADV K.L	13
PSTAT-5150	proteomics_stat	3110292	3110384	-	4	3	A.KDPQKIFNYIQLTPVRKEGIVGYAAKPGADR.S	35
PSTAT-5151	proteomics_stat	3114684	3114719	-	4	2	K.YQVENKPD DKPK.L	16
PSTAT-5152	proteomics_stat	3115623	3115676	-	4	2	R.GQAVVNISNAAFPILMAR.N	22
PSTAT-5153	proteomics_stat	3116442	3116483	-	4	3	K.LVNEEVENNAATDK.A	18
PSTAT-5154	proteomics_stat	3119680	3119721	-	5	3	K.QPNGYTEPLLHAWR.L	18
PSTAT-5155	proteomics_stat	3119722	3119754	-	5	3	K.AASDLIFLGVK.Q	15
PSTAT-5156	proteomics_stat	3119755	3119832	-	5	4	K.VVDQQNAGDPAYRPMAGNFANSCAFK.A	30
PSTAT-5157	proteomics_stat	3119806	3119832	-	5	3	K.VVDQQNAGD.P	13
PSTAT-5158	proteomics_stat	3119833	3119868	-	5	4	K.EQVQASLENMAK.V	16
PSTAT-5159	proteomics_stat	3119932	3119970	-	5	10	K.VPDIHNVALMEDR.A	17
PSTAT-5160	proteomics_stat	3119971	3120000	-	5	3	R.WVEQGIGCSK.V	14
PSTAT-5161	proteomics_stat	3120262	3120309	-	5	4	K.GMWAMPDLMADMYSQK.G	20
PSTAT-5162	proteomics_stat	3120331	3120366	-	5	6	R.NNVLSGLFCGLR.G	16
PSTAT-5163	proteomics_stat	3120409	3120459	-	5	2	R.TGDEMHSVMEAGPMLR.N	21
PSTAT-5164	proteomics_stat	3120412	3120459	-	5	5	R.TGDEMHSVMEAGPMLR.K	20
PSTAT-5165	proteomics_stat	3120460	3120492	-	5	3	R.VAFINTGFLDR.T	15
PSTAT-5166	proteomics_stat	3120538	3120564	-	5	2	K.MGIMDEERR.T	13
PSTAT-5167	proteomics_stat	3120565	3120603	-	5	4	R.IETMLGMAPNTLK.M	17
PSTAT-5168	proteomics_stat	3120616	3120651	-	5	21	K.MHG PQEVA FANK.L	16
PSTAT-5169	proteomics_stat	3120652	3120681	-	5	7	R.TGSVYIVKPK.M	14
PSTAT-5170	proteomics_stat	3120832	3120876	-	5	2	R.HYTAADGSEISLHGR.S	19
PSTAT-5171	proteomics_stat	3120832	3120891	-	5	3	K.LNDDRHYTAADGSEISLHGR.S	24
PSTAT-5172	proteomics_stat	3120925	3120963	-	5	9	R.NLLGLMQGTLQEK.M	17
PSTAT-5173	proteomics_stat	3120979	3121086	-	5	11	R.IGKDDPAHINDVIVEAAISTILDCEDSVA AVDAEDK.I	40
PSTAT-5174	proteomics_stat	3121087	3121131	-	5	4	K.NNGLHIELQIDANGR.I	19
PSTAT-5175	proteomics_stat	3121132	3121194	-	5	2	R.TPAQFVGYRGDAAAPTCILLK.N	25
PSTAT-5176	proteomics_stat	3121168	3121194	-	5	3	R.TPAQFVGYR.G	13
PSTAT-5177	proteomics_stat	3121252	3121311	-	5	2	R.FLDES LPLENGSYQDVVAFK.V	24
PSTAT-5178	proteomics_stat	3121252	3121314	-	5	3	R.RFLDES LPLENGSYQDVVAFK.V	25
PSTAT-5179	proteomics_stat	3121342	3121425	-	5	4	R.WGSLYDALYGS DIIPQEGAMVSGYDPQR.G	32

PSTAT-5180	proteomics_stat	3121426	3121452	-	5	6	R.YALNAANAR.W	13
PSTAT-5181	proteomics_stat	3121453	3121536	-	5	11	R.VTVETTIDSEITSQAGPQLVVPAMNAR.Y	32
PSTAT-5182	proteomics_stat	3121537	3121569	-	5	4	R.ELGYLVPQPER.V	15
PSTAT-5183	proteomics_stat	3121621	3121650	-	5	3	R.IQAALDEWHR.S	14
PSTAT-5184	proteomics_stat	3121621	3121656	-	5	6	R.DRIQAALDEWHR.S	16
PSTAT-5185	proteomics_stat	3121675	3121713	-	5	2	N.FDEIVHDLAPENR.Q	17
PSTAT-5186	proteomics_stat	3121675	3121716	-	5	7	R.NFDEIVHDLAPENR.Q	18
PSTAT-5187	proteomics_stat	3121717	3121773	-	5	6	R.FVDEEVLPPTGLDAAAFWR.N	23
PSTAT-5188	proteomics_stat	3121801	3121824	-	5	2	M.SQTITQSR.L	12
PSTAT-5189	proteomics_stat	3121876	3122004	-	5	23	R.TAFVTAPLLTSLEGGVPVVVDGQIIGAVGVSGLTGAQDAQVAK.A	47
PSTAT-5190	proteomics_stat	3122005	3122034	-	5	2	K.GYEEMVNNGR.T	14
PSTAT-5191	proteomics_stat	3122071	3122115	-	5	3	R.MDDCAPIAAYISQEK.A	19
PSTAT-5192	proteomics_stat	3122179	3122241	-	5	3	K.VILSQMASAIIAAGQEAAQK.N	25
PSTAT-5193	proteomics_stat	3123651	3123680	-	4	2	K.STAEDNQIHR.I	14
PSTAT-5194	proteomics_stat	3123690	3123764	-	4	2	R.ISLPSDAPMMDLPGEQLIDWGGALR.W	29
PSTAT-5195	proteomics_stat	3123765	3123809	-	4	2	R.EQQLPFFSLPGTLWR.I	19
PSTAT-5196	proteomics_stat	3124347	3124391	-	4	2	R.GIVNYDPTELVITAR.V	19
PSTAT-5197	proteomics_stat	3125054	3125077	-	6	2	R.LAQDEAER.V	12
PSTAT-5198	proteomics_stat	3125366	3125467	-	6	2	L.TLGSDALDSPGFDLLALFTGSEGMLGVTEVTVK.L	38
PSTAT-5199	proteomics_stat	3134688	3134723	-	4	2	K.ESDIEPLIVVKK.-	16
PSTAT-5200	proteomics_stat	3134820	3134852	-	4	3	K.NIYQQLWCLPK.V	15
PSTAT-5201	proteomics_stat	3134880	3134930	-	4	5	R.CGSNIDLVSHEEVLDK.T	21
PSTAT-5202	proteomics_stat	3134931	3134963	-	4	4	K.TGYAVKPIAGR.C	15
PSTAT-5203	proteomics_stat	3134964	3135008	-	4	3	R.YLLDTDFTVNDLVK.T	19
PSTAT-5204	proteomics_stat	3135150	3135188	-	4	3	R.EVSDREFAAVPIR.T	17
PSTAT-5205	proteomics_stat	3135189	3135224	-	4	3	K.TWAWETAQFDQIR.E	16
PSTAT-5206	proteomics_stat	3135246	3135302	-	4	2	R.GLDELGWDAAGQLIDGEGR.L	23
PSTAT-5207	proteomics_stat	3135381	3135413	-	4	3	R.ARPVHIMQDK.D	15
PSTAT-5208	proteomics_stat	3135423	3135479	-	4	8	K.GNGFNPAEGLINELAGAWK.H	23
PSTAT-5209	proteomics_stat	3135660	3135704	-	4	4	K.VLKDDNLLALFDIPK.I	19
PSTAT-5210	proteomics_stat	3135705	3135749	-	4	11	K.ATNELHLMYLHATDK.V	19
PSTAT-5211	proteomics_stat	3136056	3136112	-	4	5	R.IAEQNVIIHSPLPQQQWTR.E	23
PSTAT-5212	proteomics_stat	3136119	3136163	-	4	7	K.DTGHVAITQLHGK.V	19
PSTAT-5213	proteomics_stat	3136410	3136535	-	4	5	K.GTTSQDAPFGTLLGYAPGGVAIYSSDYSLDPQEYEDDAVFR.S	46
PSTAT-5214	proteomics_stat	3139602	3139655	-	4	2	K.GDHTTFVKPNIPATGEFK.G	22
PSTAT-5215	proteomics_stat	3139719	3139790	-	4	3	K.LTGNTLEVAQLHSTLGRIGRTVH.C	28
PSTAT-5216	proteomics_stat	3148975	3149058	-	5	3	K.ADNSMFIGNDPVTDETMITLALNATEGK.K	32
PSTAT-5217	proteomics_stat	3149677	3149763	-	5	3	K.SLSLHLLNEAQNELELSEGSDDNEGKER.T	33
PSTAT-5218	proteomics_stat	3149764	3149808	-	5	2	R.SLNQANDIAADFGSK.S	19
PSTAT-5219	proteomics_stat	3157912	3157965	-	5	2	R.IIQSRSEDSIINEIEAIR.D	22
PSTAT-5220	proteomics_stat	3159573	3159629	-	4	4	R.DISLGDDPGINGQLWDVNR.I	23
PSTAT-5221	proteomics_stat	3159885	3159968	-	4	4	R.YQLQMNDGRPLHVISGDQGFPPAPVSVK.Q	32
PSTAT-5222	proteomics_stat	3160014	3160121	-	4	2	R.LDNFGTPEYNEPGSGGFVGDITLLVNGVQSPYVEVSR.G	40
PSTAT-5223	proteomics_stat	3160122	3160184	-	4	2	K.SLPNPHYGVDDFPVIIQDKR.L	25
PSTAT-5224	proteomics_stat	3160787	3160819	-	6	2	K.IAELDKEVAER.E	15
PSTAT-5225	proteomics_stat	3160871	3160933	-	6	2	R.LHNGLVIVEMLPPIDVSQYQK.D	25



PSTAT-5226	proteomics_stat	3161096	3161134	-	6	5	K.AHGTTAEVNVHFK.K	17
PSTAT-5227	proteomics_stat	3161884	3161952	-	5	2	R.GEDGLAQLYVLPQSTLTIHVGK.R	27
PSTAT-5228	proteomics_stat	3162043	3162138	-	5	28	K.ALITLPENAHVMPPVIEDASDMLLAITQAGR.M	36
PSTAT-5229	proteomics_stat	3162343	3162381	-	5	2	K.SNQPVVVDSTGR.S	17
PSTAT-5230	proteomics_stat	3162418	3162453	-	5	6	K.GHDIDAPGLNYK.A	16
PSTAT-5231	proteomics_stat	3162463	3162534	-	5	2	K.AMSEHDMLPSEPVTIVLSQMGWVR.S	28
PSTAT-5232	proteomics_stat	3163027	3163089	-	5	10	R.SNRVDMQVMNHLFATTDLEK.S	25
PSTAT-5233	proteomics_stat	3163201	3163257	-	5	4	K.KEDGAVVISALPHQVSGAR.V	23
PSTAT-5234	proteomics_stat	3163321	3163395	-	5	2	K.TTLDQLLDIVQGPDYPTAEIITSR.A	29
PSTAT-5235	proteomics_stat	3163438	3163515	-	5	4	R.LPNILLNGTTGIAVGMATDIPPHNLR.E	30
PSTAT-5236	proteomics_stat	3163657	3163707	-	5	3	R.YPLVDGQGNWGAPDDPK.S	21
PSTAT-5237	proteomics_stat	3165876	3165914	-	4	2	R.VLDKHPPELLNEIR.-	17
PSTAT-5238	proteomics_stat	3167393	3167419	-	6	6	R.WNGVTVTPK.D	13
PSTAT-5239	proteomics_stat	3167420	3167461	-	6	16	K.DASGTINVDIDHKR.W	18
PSTAT-5240	proteomics_stat	3167462	3167488	-	6	5	R.ISDDLIVFK.D	13
PSTAT-5241	proteomics_stat	3167507	3167530	-	6	2	R.DDTWVTLR.G	12
PSTAT-5242	proteomics_stat	3167507	3167539	-	6	6	K.SLRDDTWVTLR.G	15
PSTAT-5243	proteomics_stat	3167540	3167638	-	6	26	A.AEQGGFSGPSATQSQAGGFQGPNGSVTTVESAK.S	37
PSTAT-5244	proteomics_stat	3172981	3173022	-	5	2	R.DGQVYNIAFENGEK.V	18
PSTAT-5245	proteomics_stat	3173047	3173109	-	5	7	K.NYQFSGGLHGVGISVVALSK.R	25
PSTAT-5246	proteomics_stat	3174769	3174807	-	5	2	R.ILQITDTHLFAQK.H	17
PSTAT-5247	proteomics_stat	3175513	3175563	-	5	6	R.TKPVLSFLASPGGTSER.S	21
PSTAT-5248	proteomics_stat	3175696	3175764	-	5	8	R.GHAAVLLPFDPRDEVVLIEQIR.I	27
PSTAT-5249	proteomics_stat	3181862	3181906	-	6	17	K.HNMALVTIEDLVAYR.Q	19
PSTAT-5250	proteomics_stat	3181937	3182038	-	6	5	R.GGHTEATIDLMTLAGFKPAGVLCELTNDGDMAR.A	38
PSTAT-5251	proteomics_stat	3182417	3182443	-	6	2	R.VENALAALR.E	13
PSTAT-5252	proteomics_stat	3182444	3182488	-	6	7	T.MNQTLSSFGTPPER.V	19
PSTAT-5253	proteomics_stat	3189836	3189901	-	6	6	R.MHAEGRPVDILAVTGNMDEEHR.T	26
PSTAT-5254	proteomics_stat	3189914	3189961	-	6	4	L.MDHSLNSLNNFDFLAR.S	20
PSTAT-5255	proteomics_stat	3193444	3193482	-	5	4	K.GGDYKPEEIAGSK.E	17
PSTAT-5256	proteomics_stat	3193483	3193518	-	5	2	R.LIAGILPDLVK.G	16
PSTAT-5257	proteomics_stat	3193588	3193623	-	5	2	K.GDSRPVNPLEQR.M	16
PSTAT-5258	proteomics_stat	3193630	3193668	-	5	2	R.LIVAVNSDASTKR.L	17
PSTAT-5259	proteomics_stat	3193684	3193752	-	5	8	K.VVMTNGVFDILHAGHVSYLANAR.K	27
PSTAT-5260	proteomics_stat	3193789	3193830	-	5	2	R.ADTGFGVMTEELK.L	18
PSTAT-5261	proteomics_stat	3193837	3193884	-	5	2	K.LGTSTVSPIELEN AVR.G	20
PSTAT-5262	proteomics_stat	3194131	3194160	-	5	2	K.CKTEEEIVER.G	14
PSTAT-5263	proteomics_stat	3194161	3194214	-	5	7	R.GATLLTPNLSEFEAVVGK.C	22
PSTAT-5264	proteomics_stat	3194161	3194220	-	5	6	R.YRGATLLTPNLSEFEAVVGK.C	24
PSTAT-5265	proteomics_stat	3194239	3194271	-	5	3	R.KAGVPVLIDPK.G	15
PSTAT-5266	proteomics_stat	3194272	3194313	-	5	4	K.GALASVQMIQLAR.K	18
PSTAT-5267	proteomics_stat	3194314	3194367	-	5	5	R.INQALSSIGALVLSDYAK.G	22
PSTAT-5268	proteomics_stat	3194368	3194421	-	5	4	R.LDFEEGFEGVDPQPLHER.I	22
PSTAT-5269	proteomics_stat	3194458	3194499	-	5	4	K.CDFVSVPTHPTITK.L	18
PSTAT-5270	proteomics_stat	3194572	3194649	-	5	6	K.VNTIEERPGGAANVAMNIASLGANAR.L	30
PSTAT-5271	proteomics_stat	3195069	3195125	-	4	7	K.ADEGGITDIEFITQYLVL R.Y	23

PSTAT-5272	proteomics_stat	3195867	3195950	-	4	2	R.YPLLLDELDPNTLYQPTATDAYRDEL.R.Q	32
PSTAT-5273	proteomics_stat	3197610	3197663	-	4	2	L.MKPLSSPLQYWQTVVER.L	22
PSTAT-5274	proteomics_stat	3197944	3197967	-	5	2	R.FADIHLR.H	12
PSTAT-5275	proteomics_stat	3198166	3198201	-	5	5	R.HTMLLFGGIVPR.K	16
PSTAT-5276	proteomics_stat	3198334	3198372	-	5	3	R.EIKPTTILHVA.A	17
PSTAT-5277	proteomics_stat	3198433	3198468	-	5	2	K.LANQLVSQTGLR.Q	16
PSTAT-5278	proteomics_stat	3198481	3198543	-	5	2	K.AGEFAEPICELELELLSGDTR.A	25
PSTAT-5279	proteomics_stat	3198841	3198927	-	5	8	R.DHLNLTGGEHDPVQLLNIIYETPDNWL.R.G	33
PSTAT-5280	proteomics_stat	3198928	3198963	-	5	6	K.FIVNHSAVEALR.D	16
PSTAT-5281	proteomics_stat	3207921	3207968	-	4	2	R.PMTDRPGLDFSFGLK.T	20
PSTAT-5282	proteomics_stat	3208419	3208463	-	4	2	K.LHADYGGVPELASR.D	19
PSTAT-5283	proteomics_stat	3213250	3213291	-	5	6	K.LVDRPTVQANEVSK.Q	18
PSTAT-5284	proteomics_stat	3213782	3213814	-	6	4	R.RFEAEQYDPQR.V	15
PSTAT-5285	proteomics_stat	3213836	3213895	-	6	2	R.LAQMQIPADDYFIWITGEGK.V	24
PSTAT-5286	proteomics_stat	3213983	3214024	-	6	5	K.LAVKPQVSALVSVR.D	18
PSTAT-5287	proteomics_stat	3216271	3216306	-	5	3	V.SSVRNGSETLAK.G	16
PSTAT-5288	proteomics_stat	3233388	3233441	-	4	2	L.ELFEKVLGPTTTTLAWKK.A	22
PSTAT-5289	proteomics_stat	3241642	3241701	-	5	6	R.DNEVLGTMIGNFQGEPMGK.M	24
PSTAT-5290	proteomics_stat	3241936	3241980	-	5	2	R.LAGETLSEHEVAQFK.T	19
PSTAT-5291	proteomics_stat	3242335	3242412	-	5	4	K.LLSPSTADEIWNENECNELLAQDNFSAR.G	30
PSTAT-5292	proteomics_stat	3242437	3242511	-	5	2	K.FDAWAATVPHTIGNPLYHWHLELR.R	29
PSTAT-5293	proteomics_stat	3251580	3251615	-	4	2	R.ERPVLTVQLLDK.Q	16
PSTAT-5294	proteomics_stat	3251817	3251870	-	4	4	K.ANTQLAIITEVLGAWER.L	22
PSTAT-5295	proteomics_stat	3251958	3252011	-	4	3	R.VLLEAADKLTDAEALAR.G	22
PSTAT-5296	proteomics_stat	3257752	3257775	-	5	2	L.EIEIAIVR.S	12
PSTAT-5297	proteomics_stat	3257752	3257775	-	5	2	L.EIEIAIVR.S	12
PSTAT-5298	proteomics_stat	3257752	3257778	-	5	3	K.LEIEIAIVR.S	13
PSTAT-5299	proteomics_stat	3258467	3258499	-	6	3	K.GAVASLTSVAK.L	15
PSTAT-5300	proteomics_stat	3258467	3258499	-	6	3	K.GAVASLTSVAK.L	15
PSTAT-5301	proteomics_stat	3261614	3261688	-	6	4	R.KEMNEFPVVLVINCSSSIKFSVLD.A	29
PSTAT-5302	proteomics_stat	3269970	3270059	-	4	9	K.DLANALDTSHGVAQLPLTAAVMMEMQALR.A	34
PSTAT-5303	proteomics_stat	3270264	3270320	-	4	4	K.AMAGSVVHTGEIGAGNVTK.L	23
PSTAT-5304	proteomics_stat	3276433	3276498	-	5	3	R.AYGGALICDSTTPSVEPSVEDK.S	26
PSTAT-5305	proteomics_stat	3288057	3288125	-	4	3	R.QRAQCAKCAADTDPQRRIIFRTE.Q	27
PSTAT-5306	proteomics_stat	3289151	3289222	-	6	7	D.IPERYSMPSSSTILCCPVSSLLAR.A	28
PSTAT-5307	proteomics_stat	3290704	3290757	-	5	3	K.TWETIHGAPVGELOWVK.E	22
PSTAT-5308	proteomics_stat	3290788	3290835	-	5	2	R.LLDSLEDIVAVLGESR.Y	20
PSTAT-5309	proteomics_stat	3291037	3291117	-	5	3	K.LQEQNIALVSDAGTPLINDPGYHLVR.T	31
PSTAT-5310	proteomics_stat	3291175	3291216	-	5	2	R.HTGLLLQHFGINAR.L	18
PSTAT-5311	proteomics_stat	3291217	3291267	-	5	2	R.ALEVLAQAVDLIAAEDTR.H	21
PSTAT-5312	proteomics_stat	3296248	3296316	-	5	3	R.VMLAESMRPEHEGVTLSSSEL.R.K	27
PSTAT-5313	proteomics_stat	3298280	3298345	-	6	3	R.LADDALNGVTGLVEYHEHFNR.F-	26
PSTAT-5314	proteomics_stat	3298388	3298423	-	6	5	R.FGFELAAHHDLR.C	16
PSTAT-5315	proteomics_stat	3298724	3298768	-	6	2	R.VEIPIDAPGIDALLR.R	19
PSTAT-5316	proteomics_stat	3305031	3305081	-	4	3	R.NGYNSAALNGDMNQALR.E	21
PSTAT-5317	proteomics_stat	3306809	3306871	-	6	4	R.KSEVLAVPLQPTLQQEVILAR.M	25

PSTAT-5318	proteomics_stat	3307058	3307120	-	6	2	K.EATEQSQPAAAPEAPAAEQGE.-	25
PSTAT-5319	proteomics_stat	3307166	3307207	-	6	4	K.VTDYLQMGQEVVVK.V	18
PSTAT-5320	proteomics_stat	3307217	3307255	-	6	13	K.EGLVHISQIADKR.V	17
PSTAT-5321	proteomics_stat	3307220	3307255	-	6	7	K.EGLVHISQIADK.R	16
PSTAT-5322	proteomics_stat	3307322	3307360	-	6	2	R.RIEEITAEIEVGR.V	17
PSTAT-5323	proteomics_stat	3307403	3307459	-	6	20	R.ALTEETGTTIEIEDDGTKV.I	23
PSTAT-5324	proteomics_stat	3307529	3307555	-	6	3	R.GDISEFAPR.I	13
PSTAT-5325	proteomics_stat	3307556	3307600	-	6	45	R.LHILGVMEQAINAPR.G	19
PSTAT-5326	proteomics_stat	3307610	3307642	-	6	4	K.EIMQVALNQAK.G	15
PSTAT-5327	proteomics_stat	3307661	3307693	-	6	8	R.DGISALQMDIK.I	15
PSTAT-5328	proteomics_stat	3307709	3307780	-	6	5	K.EGDNYVVLSDILGDEDHLGDMDFK.V	28
PSTAT-5329	proteomics_stat	3307781	3307816	-	6	5	K.AAVAGIAMGLVK.E	16
PSTAT-5330	proteomics_stat	3307817	3307912	-	6	7	R.VVSEITESNGSSSMASVCGASLALMDAGVPIK.A	36
PSTAT-5331	proteomics_stat	3307913	3307963	-	6	5	R.GVLAVMPDMDKFPYTVR.V	21
PSTAT-5332	proteomics_stat	3307913	3307966	-	6	9	K.RGVLAVMPDMDKFPYTVR.V	22
PSTAT-5333	proteomics_stat	3308000	3308074	-	6	16	R.TDTFLFHYNFPYVGETGMVGSPPK.R	29
PSTAT-5334	proteomics_stat	3308075	3308110	-	6	5	R.DAQVLDELMGER.T	16
PSTAT-5335	proteomics_stat	3308111	3308155	-	6	9	R.GETQALVTATLGAR.D	19
PSTAT-5336	proteomics_stat	3308156	3308182	-	6	5	R.THGSALFTR.G	13
PSTAT-5337	proteomics_stat	3308216	3308233	-	6	3	R.EKDMIR.G	10
PSTAT-5338	proteomics_stat	3308285	3308368	-	6	60	K.SETIATLLAEDETLDENELGEILHAIK.N	32
PSTAT-5339	proteomics_stat	3308369	3308392	-	6	2	R.YAQVDVIK.S	12
PSTAT-5340	proteomics_stat	3308456	3308500	-	6	5	R.WDWQPEPVNEALNAR.V	19
PSTAT-5341	proteomics_stat	3308669	3308731	-	6	7	R.VGYINDQYVLNPTQDELKESK.L	25
PSTAT-5342	proteomics_stat	3308678	3308731	-	6	5	R.VGYINDQYVLNPTQDELK.E	22
PSTAT-5343	proteomics_stat	3308912	3308950	-	6	7	R.EGRPSEGETLIAR.L	17
PSTAT-5344	proteomics_stat	3308993	3309043	-	6	15	K.AKPGQDFPPLTVNYQER.T	21
PSTAT-5345	proteomics_stat	3309116	3309166	-	6	14	K.FYQGQHTVTLETGMMAR.Q	21
PSTAT-5346	proteomics_stat	3309116	3309169	-	6	6	R.KFYQGQHTVTLETGMMAR.Q	22
PSTAT-5347	proteomics_stat	3309455	3309475	-	6	10	R.YTQLIER.L	11
PSTAT-5348	proteomics_stat	3309494	3309514	-	6	2	R.KLLDYLK.R	11
PSTAT-5349	proteomics_stat	3309563	3309655	-	6	31	R.DANDTGSTEVQVALLTAQINHLQGHFAEHK.D	35
PSTAT-5350	proteomics_stat	3309566	3309655	-	6	73	R.DANDTGSTEVQVALLTAQINHLQGHFAEHK.K	34
PSTAT-5351	proteomics_stat	3309677	3309703	-	6	3	M.SLSTEATAK.I	13
PSTAT-5352	proteomics_stat	3310197	3310229	-	4	2	K.LGCGAHVIYLR.R	15
PSTAT-5353	proteomics_stat	3310832	3310876	-	6	4	R.MSNLVTSVVKHDEER.R	19
PSTAT-5354	proteomics_stat	3310877	3310930	-	6	35	R.IVPELTFYDNLVVEGMR.M	22
PSTAT-5355	proteomics_stat	3310961	3310990	-	6	2	K.ALQEASGFIR.S	14
PSTAT-5356	proteomics_stat	3311003	3311047	-	6	4	K.VYVTFNLKDEDVAVK.A	19
PSTAT-5357	proteomics_stat	3311066	3311107	-	6	3	R.LGMMTTVSGVEMSR.D	18
PSTAT-5358	proteomics_stat	3311126	3311149	-	6	3	K.EIALILQR.E	12
PSTAT-5359	proteomics_stat	3311376	3311420	-	4	6	R.TGDVIEVFEIIEIQR.T	19
PSTAT-5360	proteomics_stat	3311439	3311468	-	4	4	R.NGMECGIGVK.N	14
PSTAT-5361	proteomics_stat	3311469	3311495	-	4	9	R.FKDDVNEVR.N	13
PSTAT-5362	proteomics_stat	3311496	3311540	-	4	13	R.DNVVIYEGELESRR.F	19
PSTAT-5363	proteomics_stat	3311496	3311549	-	4	7	R.VLRDNVVIYEGELESRR.F	22

PSTAT-5364	proteomics_stat	3311499	3311540	-	4	4	R.DNVVIYEGELESLR.R	18
PSTAT-5365	proteomics_stat	3311499	3311549	-	4	2	R.VLRDNVVIYEGELESLR.R	21
PSTAT-5366	proteomics_stat	3311565	3311612	-	4	4	K.FGAIAGCMVTEGVVKR.H	20
PSTAT-5367	proteomics_stat	3311568	3311612	-	4	8	K.FGAIAGCMVTEGVVK.R	19
PSTAT-5368	proteomics_stat	3311634	3311663	-	4	2	K.QQIIGLAEVR.D	14
PSTAT-5369	proteomics_stat	3311664	3311699	-	4	5	K.AAMSGMLSPELK.Q	16
PSTAT-5370	proteomics_stat	3311700	3311738	-	4	29	R.YYSVIYNLIDEVK.A	17
PSTAT-5371	proteomics_stat	3311739	3311771	-	4	9	R.KVIEAESLDR.Y	15
PSTAT-5372	proteomics_stat	3311790	3311879	-	4	95	K.IIGSGVGGITETDATALAAASNAILVGFNVR.A	34
PSTAT-5373	proteomics_stat	3311907	3311954	-	4	4	K.ADVQGSVEAISDSLLK.L	20
PSTAT-5374	proteomics_stat	3311955	3312023	-	4	30	K.SKLENMFANMTEGEVHEVNIVLK.A	27
PSTAT-5375	proteomics_stat	3312093	3312206	-	4	4	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVRDEK.K	42
PSTAT-5376	proteomics_stat	3312102	3312206	-	4	9	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVR.D	39
PSTAT-5377	proteomics_stat	3312150	3312206	-	4	3	R.NELGQEVLEAGPSIPVEIL.G	23
PSTAT-5378	proteomics_stat	3312222	3312275	-	4	5	R.EGTLHKGDIVLCGFYGR.V	22
PSTAT-5379	proteomics_stat	3312276	3312302	-	4	3	R.GPVATVLVR.E	13
PSTAT-5380	proteomics_stat	3312309	3312350	-	4	2	K.GMASGAVIESFLDK.G	18
PSTAT-5381	proteomics_stat	3312309	3312353	-	4	16	R.KGMASGAVIESFLDK.G	19
PSTAT-5382	proteomics_stat	3312363	3312428	-	4	35	K.AGTGIDELLDAILLQAEVLELK.A	26
PSTAT-5383	proteomics_stat	3312429	3312503	-	4	2	K.NELSQYGILPEEWGGESQFVHVS.A	29
PSTAT-5384	proteomics_stat	3312429	3312509	-	4	28	R.VKNELSQYGILPEEWGGESQFVHVS.A	31
PSTAT-5385	proteomics_stat	3312504	3312575	-	4	3	K.AAQVPVVAVNKIDKPEADPDR.V	28
PSTAT-5386	proteomics_stat	3312510	3312575	-	4	6	K.AAQVPVVAVNKIDKPEADPDR.V	26
PSTAT-5387	proteomics_stat	3312540	3312575	-	4	5	K.AAQVPVVAVNK.I	16
PSTAT-5388	proteomics_stat	3312576	3312665	-	4	46	R.GAQATDIVLVVAADDGVMPQTIEAIQHAK.A	34
PSTAT-5389	proteomics_stat	3312672	3312791	-	4	7	K.VASGEAGGITQHIGAYHVTENGMITFLDTPGHAAFTSMR.A	44
PSTAT-5390	proteomics_stat	3312756	3312791	-	4	4	K.VASGEAGGITQH.I	16
PSTAT-5391	proteomics_stat	3312825	3312866	-	4	11	R.APVVTIMGHVDHGK.T	18
PSTAT-5392	proteomics_stat	3312867	3312893	-	4	3	R.DTGAAAEP.R	13
PSTAT-5393	proteomics_stat	3312867	3312932	-	4	3	R.RENELEEAVMSDRDTGAAAEP.R	26
PSTAT-5394	proteomics_stat	3312894	3312929	-	4	3	R.ENELEEAVMSDR.D	16
PSTAT-5395	proteomics_stat	3312945	3313022	-	4	24	K.LGAMATINQVIDQETAQLVAEEMGHK.V	30
PSTAT-5396	proteomics_stat	3312945	3313025	-	4	2	M.KLGAMATINQVIDQETAQLVAEEMGHK.V	31
PSTAT-5397	proteomics_stat	3313065	3313112	-	4	11	R.DVVIGETITVGE LANK.M	20
PSTAT-5398	proteomics_stat	3313113	3313163	-	4	16	K.GSSLQQGFQKPAQAVNR.D	21
PSTAT-5399	proteomics_stat	3313113	3313166	-	4	5	R.KGSSLQQGFQKPAQAVNR.D	22
PSTAT-5400	proteomics_stat	3313326	3313394	-	4	5	K.WTDNAEPTEDSSDYHVTTTSQHAR.Q	27
PSTAT-5401	proteomics_stat	3313326	3313412	-	4	3	R.MAEENKWTDNAEPTEDSSDYHVTTTSQHAR.Q	33
PSTAT-5402	proteomics_stat	3313437	3313460	-	4	3	R.RKLEEEAR.R	12
PSTAT-5403	proteomics_stat	3313482	3313508	-	4	8	R.EQEAAELKR.K	13
PSTAT-5404	proteomics_stat	3313482	3313511	-	4	2	R.REQEAAELKR.K	14
PSTAT-5405	proteomics_stat	3313536	3313565	-	4	8	K.VSNQQDDMTK.N	14
PSTAT-5406	proteomics_stat	3313536	3313586	-	4	12	R.EAAEKDKVSNQQDDMTK.N	21
PSTAT-5407	proteomics_stat	3313707	3313733	-	4	8	R.LAAEEQAQR.E	13
PSTAT-5408	proteomics_stat	3313707	3313736	-	4	3	E.RLAAEEQAQR.E	14
PSTAT-5409	proteomics_stat	3313806	3313838	-	4	3	R.STLNIPGTGGK.S	15

PSTAT-5410	proteomics_stat	3313848	3313880	-	4	2	K.NSGPDKLTLQR.K	15
PSTAT-5411	proteomics_stat	3313881	3313910	-	4	8	K.QLIDHLNQK.N	14
PSTAT-5412	proteomics_stat	3313911	3313943	-	4	5	K.SADDSVSAQEK.Q	15
PSTAT-5413	proteomics_stat	3313911	3313946	-	4	6	R.KSADDSVSAQEK.Q	16
PSTAT-5414	proteomics_stat	3313944	3313979	-	4	3	R.LVQQFADAGIRK.S	16
PSTAT-5415	proteomics_stat	3314091	3314117	-	4	3	K.AGALIMAAR.N	13
PSTAT-5416	proteomics_stat	3314091	3314195	-	4	14	R.GVCTLEDLAEQIGDDLADIEGLTDEKAGALIMAAR.N	39
PSTAT-5417	proteomics_stat	3314118	3314195	-	4	14	R.GVCTLEDLAEQIGDDLADIEGLTDEK.A	30
PSTAT-5418	proteomics_stat	3314223	3314315	-	4	3	K.NALATIAQAQEESLGDNKPADDLLNLEGVDR.D	35
PSTAT-5419	proteomics_stat	3314223	3314321	-	4	3	R.AKNALATIAQAQEESLGDNKPADDLLNLEGVDR.D	37
PSTAT-5420	proteomics_stat	3314328	3314378	-	4	3	K.ELLEIEGLDEPTVEALR.E	21
PSTAT-5421	proteomics_stat	3314508	3314570	-	4	7	R.LASQLSGWELNVMTVDDLQAK.H	25
PSTAT-5422	proteomics_stat	3314739	3314774	-	4	3	R.VQAVSTELGGER.I	16
PSTAT-5423	proteomics_stat	3314784	3314819	-	4	3	K.RIDPVGACVGM.R	16
PSTAT-5424	proteomics_stat	3314877	3314918	-	4	4	R.IEVPEIGEEVIEIK.A	18
PSTAT-5425	proteomics_stat	3314919	3314951	-	4	20	R.SKPEMLIELFR.I	15
PSTAT-5426	proteomics_stat	3314952	3314975	-	4	3	R.GAQLFVTR.S	12
PSTAT-5427	proteomics_stat	3315039	3315107	-	4	2	R.DNISLDLGNNAEAVILREDMLPR.E	27
PSTAT-5428	proteomics_stat	3315057	3315107	-	4	5	R.DNISLDLGNNAEAVILR.E	21
PSTAT-5429	proteomics_stat	3315117	3315155	-	4	3	R.EHEGEIITGVVKK.V	17
PSTAT-5430	proteomics_stat	3315120	3315155	-	4	7	R.EHEGEIITGVVKK.K	16
PSTAT-5431	proteomics_stat	3315120	3315179	-	4	11	R.AMVVDQFREHEGEIITGVVKK.K	24
PSTAT-5432	proteomics_stat	3315156	3315179	-	4	4	R.AMVVDQFR.E	12
PSTAT-5433	proteomics_stat	3315237	3315305	-	4	18	R.YEDESINLGDYVEDQIESVTFDR.I	27
PSTAT-5434	proteomics_stat	3315306	3315365	-	4	2	R.WLVVDEVTPQTKITLEAAR.Y	24
PSTAT-5435	proteomics_stat	3315330	3315365	-	4	3	R.WLVVDEVTPQTK.E	16
PSTAT-5436	proteomics_stat	3315369	3315392	-	4	2	K.SGDFDTR.R	12
PSTAT-5437	proteomics_stat	3315411	3315437	-	4	4	K.KYEQEIDVR.V	13
PSTAT-5438	proteomics_stat	3315411	3315440	-	4	4	K.KYEQEIDVR.V	14
PSTAT-5439	proteomics_stat	3315438	3315482	-	4	2	K.IFEALESALATATKK.K	19
PSTAT-5440	proteomics_stat	3315438	3315488	-	4	7	R.EKIFEALESALATATKK.K	21
PSTAT-5441	proteomics_stat	3315441	3315482	-	4	3	K.IFEALESALATATK.K	18
PSTAT-5442	proteomics_stat	3315441	3315488	-	4	30	R.EKIFEALESALATATK.K	20
PSTAT-5443	proteomics_stat	3315501	3315539	-	4	5	K.EILAVVEAVSNEK.A	17
PSTAT-5444	proteomics_stat	3315501	3315548	-	4	9	A.MNKEILAVVEAVSNEK.A	20
PSTAT-5445	proteomics_stat	3320198	3320251	-	6	8	K.TEQTQAAPAKPTSDIPN.-	22
PSTAT-5446	proteomics_stat	3320252	3320287	-	6	4	K.GSEWENLSAPAK.T	16
PSTAT-5447	proteomics_stat	3320878	3320916	-	5	2	K.AVTAEVEAALGNR.G	17
PSTAT-5448	proteomics_stat	3320917	3320961	-	5	5	R.YTAGSGDPLEHESVK.A	19
PSTAT-5449	proteomics_stat	3320992	3321030	-	5	5	R.NHMSLHDLCSGMK.M	17
PSTAT-5450	proteomics_stat	3321031	3321087	-	5	17	K.TTTGDGIVAGLQVLAAMAR.N	23
PSTAT-5451	proteomics_stat	3321088	3321129	-	5	3	R.IGAENSGHVILLDK.T	18
PSTAT-5452	proteomics_stat	3321208	3321261	-	5	13	R.GGAVGTLMSNMGLELALK.Q	22
PSTAT-5453	proteomics_stat	3321289	3321354	-	5	2	R.VIMVDHEGNKVDGDQIMYIAR.E	26
PSTAT-5454	proteomics_stat	3321424	3321507	-	5	4	R.ELGANVIAIGCEPNGVNINAIEVGATDVR.A	32
PSTAT-5455	proteomics_stat	3321508	3321564	-	5	2	K.IVVDCANGATYHIAPNVLR.E	23

PSTAT-5456	proteomics_stat	3321565	3321603	-	5	3	K.ATFPNELSLSELK.I	17
PSTAT-5457	proteomics_stat	3321652	3321687	-	5	4	K.EISCVDSAELGK.A	16
PSTAT-5458	proteomics_stat	3321652	3321756	-	5	3	K.FFSIDGTKLPDAVEEAIEAEMEKEISCVDSAELGK.A	39
PSTAT-5459	proteomics_stat	3321688	3321756	-	5	5	K.FFSIDGTKLPDAVEEAIEAEMEKE.E	27
PSTAT-5460	proteomics_stat	3321757	3321816	-	5	5	R.AEAGIVISASHNPFYDNGIK.F	24
PSTAT-5461	proteomics_stat	3322009	3322047	-	5	2	R.VGDAPITPDFVLK.L	17
PSTAT-5462	proteomics_stat	3322054	3322080	-	5	9	R.KYFGTDGIR.G	13
PSTAT-5463	proteomics_stat	3322580	3322609	-	6	2	K.VGAHIINDIR.S	14
PSTAT-5464	proteomics_stat	3322808	3322897	-	6	3	L.SHPHVMGILNVTPDSFSDGGTHNSLIDAVK.H	34
PSTAT-5465	proteomics_stat	3323071	3323097	-	5	2	K.APRPVDEPR.T	13
PSTAT-5466	proteomics_stat	3323098	3323169	-	5	2	R.DVRPPAGWEEPASNNSGDNGSPK.A	28
PSTAT-5467	proteomics_stat	3323098	3323172	-	5	3	R.RDVRPPAGWEEPASNNSGDNGSPK.A	29
PSTAT-5468	proteomics_stat	3323173	3323217	-	5	3	K.YETIDAPQIDDLMAR.R	19
PSTAT-5469	proteomics_stat	3323233	3323274	-	5	4	R.QLLTDNMDILHAMK.D	18
PSTAT-5470	proteomics_stat	3323371	3323421	-	5	98	K.LGPLLYAEEEGEVFLGR.S	21
PSTAT-5471	proteomics_stat	3323476	3323538	-	5	3	R.LAEIIYGPEHVSTGASNDIK.V	25
PSTAT-5472	proteomics_stat	3323539	3323580	-	5	10	R.QKLESQISTLYGGR.L	18
PSTAT-5473	proteomics_stat	3323581	3323634	-	5	8	R.ALGVTFFLPEGDAISASR.Q	22
PSTAT-5474	proteomics_stat	3323659	3323688	-	5	3	R.LVPEHDPVHK.V	14
PSTAT-5475	proteomics_stat	3323689	3323733	-	5	16	K.ESTAYHEAGHAIIGR.L	19
PSTAT-5476	proteomics_stat	3323734	3323760	-	5	3	R.SMVMTEAQK.E	13
PSTAT-5477	proteomics_stat	3323797	3323826	-	5	3	K.RVVSVMVEFEK.A	14
PSTAT-5478	proteomics_stat	3323836	3323904	-	5	14	R.GTPGFSGADLANLVNEAALFAAR.G	27
PSTAT-5479	proteomics_stat	3323905	3323949	-	5	15	R.RVPLAPDIDAIIAR.G	19
PSTAT-5480	proteomics_stat	3324145	3324177	-	5	7	R.GAGLGGGHER.E	15
PSTAT-5481	proteomics_stat	3324184	3324231	-	5	22	K.AAPCIIFIDEIDAVGR.Q	20
PSTAT-5482	proteomics_stat	3324184	3324234	-	5	11	K.KAAPCIIFIDEIDAVGR.Q	21
PSTAT-5483	proteomics_stat	3324235	3324261	-	5	7	R.VRDMFEQAK.K	13
PSTAT-5484	proteomics_stat	3324364	3324399	-	5	2	K.GVLMVGPPTGK.T	16
PSTAT-5485	proteomics_stat	3324430	3324513	-	5	12	K.TTFADVAGCDEAKEEVAELVEYLREPSR.F	32
PSTAT-5486	proteomics_stat	3324442	3324513	-	5	7	K.TTFADVAGCDEAKEEVAELVEYLR.E	28
PSTAT-5487	proteomics_stat	3324730	3324762	-	5	3	R.YTTYIPVQDPK.L	15
PSTAT-5488	proteomics_stat	3324775	3324795	-	5	4	R.EINVTKK.D	11
PSTAT-5489	proteomics_stat	3324817	3324864	-	5	2	K.VDYSTFLQEVNNDQVR.E	20
PSTAT-5490	proteomics_stat	3324817	3324867	-	5	8	R.KVDYSTFLQEVNNDQVR.E	21
PSTAT-5491	proteomics_stat	3325270	3325335	-	5	2	K.VQVMSDMAPNMSGTPAVDIPR.A	26
PSTAT-5492	proteomics_stat	3325459	3325545	-	5	5	K.LFKPGMTVVDLGAAPGGWSQYVVTQIGGK.G	33
PSTAT-5493	proteomics_stat	3325546	3325572	-	5	4	K.LDEIQQSDK.L	13
PSTAT-5494	proteomics_stat	3325603	3325650	-	5	3	R.WLQEHFSDKYVQQAQK.K	20
PSTAT-5495	proteomics_stat	3326264	3326311	-	6	13	K.TPGGEVEFEVIKVEYL.-	20
PSTAT-5496	proteomics_stat	3326312	3326353	-	6	3	R.GLIGKEEDDVVVIK.T	18
PSTAT-5497	proteomics_stat	3326354	3326419	-	6	5	R.IVGDDADDFKQNLISVNSPIAR.G	26
PSTAT-5498	proteomics_stat	3326501	3326533	-	6	3	K.LSNAQVIDVTK.M	15
PSTAT-5499	proteomics_stat	3326582	3326608	-	6	4	K.ENAEYHAAR.E	13
PSTAT-5500	proteomics_stat	3326609	3326674	-	6	2	L.KSVRRPEIIAAIAEAREHGDLK.E	26
PSTAT-5501	proteomics_stat	3326627	3326662	-	6	13	R.RPEIIAAIAEAR.E	16

PSTAT-5502	proteomics_stat	3326672	3326698	-	6	3	K.LREELDFLK.S	13
PSTAT-5503	proteomics_stat	3328943	3328972	-	6	4	K.YSQLATKPR.W	14
PSTAT-5504	proteomics_stat	3328997	3329059	-	6	4	R.VLLHLIDIDPIDGTPVENAR.I	25
PSTAT-5505	proteomics_stat	3329087	3329155	-	6	2	K.SFVVADIPGLIEGAAEGAGLGIR.F	27
PSTAT-5506	proteomics_stat	3329171	3329221	-	6	5	K.VADYPFTTLVPSLGVVR.M	21
PSTAT-5507	proteomics_stat	3329447	3329491	-	6	4	R.VIDQGTGETMGDMTK.H	19
PSTAT-5508	proteomics_stat	3329597	3329683	-	6	2	K.GGPDGGDGGDGGDVWMEADENLNTLIDYR.F	33
PSTAT-5509	proteomics_stat	3330668	3330751	-	6	2	K.QQAGIGILLALTTAICWGALPIAMKQVL.E	32
PSTAT-5510	proteomics_stat	3330887	3330910	-	6	5	R.KFISIEAE.-	12
PSTAT-5511	proteomics_stat	3330956	3330976	-	6	11	R.DHTLFAK.A	11
PSTAT-5512	proteomics_stat	3330977	3331009	-	6	16	K.FHAGANVGCGR.D	15
PSTAT-5513	proteomics_stat	3330983	3331009	-	6	2	K.FHAGANVGC.G	13
PSTAT-5514	proteomics_stat	3331025	3331066	-	6	54	R.FGGESVLAGSIIVR.Q	18
PSTAT-5515	proteomics_stat	3331294	3331329	-	5	7	K.IGVPFVDGGVIK.A	16
PSTAT-5516	proteomics_stat	3331330	3331401	-	5	218	K.LDIATGETVEFAEVLMIANGEEVK.I	28
PSTAT-5517	proteomics_stat	3331330	3331410	-	5	74	R.LEKLDIATGETVEFAEVLMIANGEEVK.I	31
PSTAT-5518	proteomics_stat	3331411	3331434	-	5	4	R.VSEGQTVR.L	12
PSTAT-5519	proteomics_stat	3331444	3331473	-	5	12	Y.MYAVFQSGGK.Q	14
PSTAT-5520	proteomics_stat	3334037	3334060	-	6	4	K.GAHIVMDK.V	12
PSTAT-5521	proteomics_stat	3334106	3334207	-	6	3	R.FGQQQVSLPGGCTIGARPVDLHISGLEQLGATIK.L	38
PSTAT-5522	proteomics_stat	3334208	3334243	-	6	2	R.ASIWALGPLVAR.F	16
PSTAT-5523	proteomics_stat	3334253	3334291	-	6	4	R.DVNVFCAPYDLVK.T	17
PSTAT-5524	proteomics_stat	3334352	3334378	-	6	6	K.LKDVDTSMK.L	13
PSTAT-5525	proteomics_stat	3334379	3334450	-	6	44	K.NAALPILFAALLAEEPVEIQNVPK.L	28
PSTAT-5526	proteomics_stat	3334643	3334690	-	6	3	K.QQTVYGPLMEYIADNR.I	20
PSTAT-5527	proteomics_stat	3334643	3334693	-	6	4	K.KQQTVYGPLMEYIADNR.I	21
PSTAT-5528	proteomics_stat	3335039	3335080	-	6	5	K.KQGNNVTLQGVNDK.V	18
PSTAT-5529	proteomics_stat	3335081	3335131	-	6	5	R.VDTGGLALLHLIDLAK.K	21
PSTAT-5530	proteomics_stat	3335320	3335349	-	5	2	K.GIDGLTAQLK.S	14
PSTAT-5531	proteomics_stat	3335383	3335451	-	5	7	K.NSQGTGNWQAYDMIAEGVSMITTK.Q	27
PSTAT-5532	proteomics_stat	3335383	3335454	-	5	3	R.KNSQTGNWQAYDMIAEGVSMITTK.Q	28
PSTAT-5533	proteomics_stat	3335530	3335607	-	5	2	K.QAYGQALAMYHGQTYQIAPEQPLGDK.T	30
PSTAT-5534	proteomics_stat	3335620	3335643	-	5	2	R.EAYFAAFR.E	12
PSTAT-5535	proteomics_stat	3335701	3335742	-	5	4	R.TIVDQELLPYVQVK.Y	18
PSTAT-5536	proteomics_stat	3335764	3335790	-	5	3	R.LKNEQPQIR.A	13
PSTAT-5537	proteomics_stat	3335803	3335826	-	5	4	K.LMDEAAQK.T	12
PSTAT-5538	proteomics_stat	3335827	3335850	-	5	4	A.ADQTNPYK.L	12
PSTAT-5539	proteomics_stat	3335935	3336003	-	5	6	K.NSGDAPAAAPGNNETTEPVGTTK.-	27
PSTAT-5540	proteomics_stat	3336019	3336069	-	5	10	K.SAMVLEDLIGQFLYGSK.G	21
PSTAT-5541	proteomics_stat	3336070	3336096	-	5	4	K.DGDTIQDTK.S	13
PSTAT-5542	proteomics_stat	3336283	3336318	-	5	2	R.SPVSIGGVVGR.V	16
PSTAT-5543	proteomics_stat	3337157	3337204	-	6	2	R.AGLMLFNALVGKPEFR.K	20
PSTAT-5544	proteomics_stat	3337371	3337421	-	4	7	K.IVAHGSQAQLQANPDPR.V	21
PSTAT-5545	proteomics_stat	3337533	3337616	-	4	4	R.AIALEPDLIMFDEPFVQDPITMGVLVK.L	32
PSTAT-5546	proteomics_stat	3337704	3337754	-	4	6	R.EHTQLPAPLLHSTVMMK.L	21
PSTAT-5547	proteomics_stat	3337857	3337931	-	4	4	R.LIGGQIAPDHGEILFDGENIPAMSR.S	29

PSTAT-5548	proteomics_stat	3337947	3337988	-	4	3	R.GKITAIMGPSGIGK.T	18
PSTAT-5549	proteomics_stat	3346905	3346985	-	4	2	R.RQHFDQVVASGINVLSPLSQTGTITS.D	31
PSTAT-5550	proteomics_stat	3347861	3347926	-	6	8	K.IVTPPAYMLAQNIAEAASGIDK.L	26
PSTAT-5551	proteomics_stat	3348053	3348127	-	6	13	K.ALAQAMHQAGKPLGFMCIAPAMPLK.I	29
PSTAT-5552	proteomics_stat	3348137	3348184	-	6	4	K.NLSNFASLGSECTVDR.E	20
PSTAT-5553	proteomics_stat	3348185	3348265	-	6	5	R.GEIRPLAQADAAELDALIVPGGFGAAK.N	31
PSTAT-5554	proteomics_stat	3348299	3348388	-	6	2	R.SGAQAVCFAPDKQQVDVINHLTGEAMTETR.N	34
PSTAT-5555	proteomics_stat	3349008	3349067	-	4	3	K.SEALLDIPMLEQYLELVGPK.L	24
PSTAT-5556	proteomics_stat	3349617	3349673	-	4	4	K.DSHGGKPATGTGIGLAVSR.R	23
PSTAT-5557	proteomics_stat	3349920	3350003	-	4	6	K.VQLDNQPVDFTSFLADLENLSALQAQK.G	32
PSTAT-5558	proteomics_stat	3350415	3350468	-	4	3	K.QLVHLKPADVVSPEAAK.V	22
PSTAT-5559	proteomics_stat	3369778	3369870	-	5	2	A.GNLQNAAIIVAVLGLLCAAIFISFMVQSAGKR.W	35
PSTAT-5560	proteomics_stat	3370456	3370536	-	5	4	R.AFSAAWLGYLLDGFDFVLIALVLTEVQ.G	31
PSTAT-5561	proteomics_stat	3371104	3371160	-	5	2	K.LTLDQINTLVTLPGVGALK.Q	23
PSTAT-5562	proteomics_stat	3371311	3371373	-	5	2	K.LIAHVGCVSTAESQQLAASAK.R	25
PSTAT-5563	proteomics_stat	3371527	3371580	-	5	2	R.GVMAALLTPFDQQQALDK.A	22
PSTAT-5564	proteomics_stat	3372128	3372175	-	6	2	K.DFLSHPGGIAHFEQLR.L	20
PSTAT-5565	proteomics_stat	3372176	3372229	-	6	3	R.VSRPSADTIIGELSGMAK.D	22
PSTAT-5566	proteomics_stat	3374511	3374555	-	4	2	R.QVSVPLAAVLAIYAR.E	19
PSTAT-5567	proteomics_stat	3374586	3374624	-	4	2	R.AVGNLELANDEV.R	17
PSTAT-5568	proteomics_stat	3374625	3374657	-	4	3	R.DGQIVLNIAPR.A	15
PSTAT-5569	proteomics_stat	3374828	3374863	-	6	4	R.DSFLASLTEAER.E	16
PSTAT-5570	proteomics_stat	3374900	3374941	-	6	2	R.LPQLGIEFSGPGAK.E	18
PSTAT-5571	proteomics_stat	3375053	3375127	-	6	7	R.IEKDWYTLMNTIINGSASEADAARK.Q	29
PSTAT-5572	proteomics_stat	3375056	3375118	-	6	2	K.DWYTLMNTIINGSASEADAAR.K	25
PSTAT-5573	proteomics_stat	3375056	3375127	-	6	6	R.IEKDWYTLMNTIINGSASEADAAR.K	28
PSTAT-5574	proteomics_stat	3375155	3375196	-	6	11	R.FPHPLMPVYPVAR.G	18
PSTAT-5575	proteomics_stat	3375155	3375223	-	6	8	R.IIMEYLDERFPHPLMPVYPVAR.G	27
PSTAT-5576	proteomics_stat	3375224	3375247	-	6	2	R.ELTLWESR.I	12
PSTAT-5577	proteomics_stat	3375248	3375313	-	6	15	K.DNPPQDLIDLNPNSVPTLVDR.E	26
PSTAT-5578	proteomics_stat	3375314	3375346	-	6	3	K.GVSFEIEHVEK.D	15
PSTAT-5579	proteomics_stat	3375365	3375418	-	6	6	R.SVMTLFSGPTDIYSHQVR.I	22
PSTAT-5580	proteomics_stat	3375374	3375418	-	6	3	R.SVMTLFSGPTDIYSH.Q	19
PSTAT-5581	proteomics_stat	3375945	3375974	-	4	6	R.ALMEYDESLR.S	14
PSTAT-5582	proteomics_stat	3375987	3376025	-	4	3	K.GGGISGQAGAIR.H	17
PSTAT-5583	proteomics_stat	3375990	3376025	-	4	12	K.GGGISGQAGAIR.H	16
PSTAT-5584	proteomics_stat	3376026	3376082	-	4	5	R.QPLELVDLMVEKLDLYITVK.G	23
PSTAT-5585	proteomics_stat	3376050	3376082	-	4	5	R.QPLELVDLMVEK.L	15
PSTAT-5586	proteomics_stat	3376107	3376130	-	4	8	R.SLEQYFGR.E	12
PSTAT-5587	proteomics_stat	3376149	3376175	-	4	3	R.VFIKPGNGK.I	13
PSTAT-5588	proteomics_stat	3376197	3376226	-	4	13	M.AENQYYGTGR.R	14
PSTAT-5589	proteomics_stat	3376248	3376304	-	4	11	K.VYAGNEHNHAAQQPQLDI.-	23
PSTAT-5590	proteomics_stat	3376260	3376304	-	4	3	K.VYAGNEHNHAAQQPQ.V	19
PSTAT-5591	proteomics_stat	3376389	3376415	-	4	2	Q.ATFEEMIAR.R	13
PSTAT-5592	proteomics_stat	3376389	3376418	-	4	4	K.QATFEEMIAR.R	14
PSTAT-5593	proteomics_stat	3376467	3376550	-	4	7	K.AEYTPHVDTGDYIIVLNADKVAVTGNKR.T	32



PSTAT-5594	proteomics_stat	3376470	3376550	-	4	19	K.AEYTPHVDTGDYIIVLNADKVAVTGNK.R	31
PSTAT-5595	proteomics_stat	3376491	3376550	-	4	14	K.AEYTPHVDTGDYIIVLNADK.V	24
PSTAT-5596	proteomics_stat	3376491	3376556	-	4	42	K.HKAEYTPHVDTGDYIIVLNADK.V	26
PSTAT-5597	proteomics_stat	3376605	3376634	-	4	20	R.DWYVVDATGK.T	14
PSTAT-5598	proteomics_stat	3376605	3376637	-	4	6	K.RDWYVVDATGK.T	15
PSTAT-5599	proteomics_stat	3376635	3376667	-	4	2	K.TFTAKPETVKR.D	15
PSTAT-5600	proteomics_stat	3376638	3376667	-	4	13	K.TFTAKPETVK.R	14
PSTAT-5601	proteomics_stat	3376979	3377029	-	6	2	K.LVVS AEVPLYEIQGDR.L	21
PSTAT-5602	proteomics_stat	3377321	3377371	-	6	4	R.TLTQAHLWLSPLHDETR.A	21
PSTAT-5603	proteomics_stat	3377942	3377983	-	6	3	K.ALNEGSHQPDDVQK.E	18
PSTAT-5604	proteomics_stat	3381355	3381387	-	5	24	K.DIALGEEFVNK.-	15
PSTAT-5605	proteomics_stat	3381355	3381390	-	5	5	K.KDIALGEEFVNK.-	16
PSTAT-5606	proteomics_stat	3381388	3381429	-	5	3	F.EQNALEGMLDTLKK.D	18
PSTAT-5607	proteomics_stat	3381388	3381453	-	5	55	K.SIGTLSAFEQNALEGMLDTLKK.D	26
PSTAT-5608	proteomics_stat	3381388	3381456	-	5	138	R.KSIGTLSAFEQNALEGMLDTLKK.D	27
PSTAT-5609	proteomics_stat	3381391	3381453	-	5	4	K.SIGTLSAFEQNALEGMLDLK.K	25
PSTAT-5610	proteomics_stat	3381391	3381456	-	5	24	R.KSIGTLSAFEQNALEGMLDLK.K	26
PSTAT-5611	proteomics_stat	3381409	3381456	-	5	5	R.KSIGTLSAFEQNALEG.M	20
PSTAT-5612	proteomics_stat	3381475	3381504	-	5	8	R.FFSQPLLLGK.N	14
PSTAT-5613	proteomics_stat	3381505	3381570	-	5	106	R.ALQGEQGVVECAVVEGDGQYAR.F	26
PSTAT-5614	proteomics_stat	3381592	3381639	-	5	23	K.AGGGSATLSMGQAAAR.F	20
PSTAT-5615	proteomics_stat	3381634	3381675	-	5	2	R.IQNAGTEVVEAKAG.G	18
PSTAT-5616	proteomics_stat	3381640	3381675	-	5	21	R.IQNAGTEVVEAK.A	16
PSTAT-5617	proteomics_stat	3381640	3381678	-	5	18	K.RIQNAGTEVVEAK.A	17
PSTAT-5618	proteomics_stat	3381676	3381723	-	5	44	V.PGVSFTEQEVA DLTKR.I	20
PSTAT-5619	proteomics_stat	3381676	3381726	-	5	8	Q.VPGVSFTEQEVA DLTKR.I	21
PSTAT-5620	proteomics_stat	3381676	3381741	-	5	4	L.PLLSQVPGVSFTEQEVA DLTKR.I	26
PSTAT-5621	proteomics_stat	3381676	3381759	-	5	3	H.SGVTILPLLSQVPGVSFTEQEVA DLTKR.I	32
PSTAT-5622	proteomics_stat	3381676	3381771	-	5	7	V.IGGHSGVTILPLLSQVPGVSFTEQEVA DLTKR.I	36
PSTAT-5623	proteomics_stat	3381676	3381798	-	5	7	K.QPGEVEVPVIGGHSVTILPLLSQVPGVSFTEQEVA DLTKR.I	45
PSTAT-5624	proteomics_stat	3381676	3381804	-	5	66	K.GKQPGEVEVPVIGGHSVTILPLLSQVPGVSFTEQEVA DLTKR.I	47
PSTAT-5625	proteomics_stat	3381679	3381723	-	5	9	V.PGVSFTEQEVA DLTKR.R	19
PSTAT-5626	proteomics_stat	3381679	3381738	-	5	49	P.LLSQVPGVSFTEQEVA DLTK.R	24
PSTAT-5627	proteomics_stat	3381679	3381759	-	5	8	H.SGVTILPLLSQVPGVSFTEQEVA DLTK.R	31
PSTAT-5628	proteomics_stat	3381679	3381792	-	5	2	P.GEVEVPVIGGHSVTILPLLSQVPGVSFTEQEVA DLTK.R	42
PSTAT-5629	proteomics_stat	3381679	3381798	-	5	9	K.QPGEVEVPVIGGHSVTILPLLSQVPGVSFTEQEVA DLTK.R	44
PSTAT-5630	proteomics_stat	3381679	3381804	-	5	57	K.GKQPGEVEVPVIGGHSVTILPLLSQVPGVSFTEQEVA DLTK.R	46
PSTAT-5631	proteomics_stat	3381760	3381804	-	5	2	K.GKQPGEVEVPVIGGH.S	19
PSTAT-5632	proteomics_stat	3381805	3381831	-	5	6	R.SNTFVAELK.G	13
PSTAT-5633	proteomics_stat	3381832	3381861	-	5	5	L.FGVTTLDIIR.S	14
PSTAT-5634	proteomics_stat	3381832	3381864	-	5	21	K.LFGVTTLDIIR.S	15
PSTAT-5635	proteomics_stat	3381832	3381870	-	5	32	K.NKLFGVTTLDIIR.S	17
PSTAT-5636	proteomics_stat	3381889	3381957	-	5	97	K.ACIGIITNPVNTTVAIAAEVLK.A	27
PSTAT-5637	proteomics_stat	3381892	3381957	-	5	121	K.ACIGIITNPVNTTVAIAAEVLK.K	26
PSTAT-5638	proteomics_stat	3381892	3381960	-	5	15	P.KACIGIITNPVNTTVAIAAEVLK.K	27
PSTAT-5639	proteomics_stat	3381892	3381987	-	5	5	L.VQQVAKTCPKACIGIITNPVNTTVAIAAEVLK.K	36

PSTAT-5640	proteomics_stat	3381970	3381993	-	5	4	K.NLVQQVAK.T	12
PSTAT-5641	proteomics_stat	3381994	3382029	-	5	13	R.SDLFNVNAGIVK.N	16
PSTAT-5642	proteomics_stat	3381994	3382047	-	5	2	R.KPGMDRSDLFNVNAGIVK.N	22
PSTAT-5643	proteomics_stat	3382048	3382122	-	5	64	K.GFSGEDATPALEGADVVLISAGVAR.K	29
PSTAT-5644	proteomics_stat	3382048	3382128	-	5	95	K.IKGFSGEDATPALEGADVVLISAGVAR.K	31
PSTAT-5645	proteomics_stat	3382129	3382182	-	5	6	A.PVTPGVAVDLSHIPTAVK.I	22
PSTAT-5646	proteomics_stat	3382129	3382221	-	5	3	Q.LPSGSELSLYDIAPVTPGVAVDLSHIPTAVK.I	35
PSTAT-5647	proteomics_stat	3382129	3382227	-	5	155	K.TQLPSGSELSLYDIAPVTPGVAVDLSHIPTAVK.I	37
PSTAT-5648	proteomics_stat	3382228	3382278	-	5	2	A.VLGAAGGIGQALALLK.T	21
PSTAT-5649	proteomics_stat	3382228	3382281	-	5	5	V.AVLGAAGGIGQALALLK.T	22
PSTAT-5650	proteomics_stat	3382228	3382284	-	5	741	K.VAVLGAAGGIGQALALLK.T	23
PSTAT-5651	proteomics_stat	3382228	3382287	-	5	2	M.KVAVLGAAGGIGQALALLK.T	24
PSTAT-5652	proteomics_stat	3388800	3388844	-	4	6	K.FVFSTSEAYLIENGK.V	19
PSTAT-5653	proteomics_stat	3389061	3389132	-	4	2	R.GSVAIDDEGTPGQYNVLIENGILK.G	28
PSTAT-5654	proteomics_stat	3389133	3389222	-	4	2	R.GTSVFSGQVVELVASELCTVDDGTMVDRR.G	34
PSTAT-5655	proteomics_stat	3389385	3389429	-	4	5	R.FGYEFFLADLDGEVR.A	19
PSTAT-5656	proteomics_stat	3389658	3389729	-	4	9	K.VQTLGAVEHSPLYTSVDPLQSMSR.E	28
PSTAT-5657	proteomics_stat	3389760	3389825	-	4	4	K.TGFAYADQISLLALEQSAQAAR.T	26
PSTAT-5658	proteomics_stat	3389844	3389882	-	4	4	K.DGSYNIDQGVGVR.A	17
PSTAT-5659	proteomics_stat	3389958	3389999	-	4	12	K.HQDLFAILGQLAER.R	18
PSTAT-5660	proteomics_stat	3390000	3390047	-	4	3	M.SLNLVSEQLLAANGLK.H	20
PSTAT-5661	proteomics_stat	3391323	3391370	-	4	2	K.TRGDSTPSSPFPTTER.I	20
PSTAT-5662	proteomics_stat	3391824	3391892	-	4	3	K.NVSSHLPSPAKPAGEPLAVNVK.V	27
PSTAT-5663	proteomics_stat	3392985	3393062	-	4	2	K.LLPGAEHFSGTLSGSENGLLTASMK.Q	30
PSTAT-5664	proteomics_stat	3393639	3393668	-	4	2	R.DDEGLLSNGR.V	14
PSTAT-5665	proteomics_stat	3394708	3394740	-	5	3	R.VLHSLEQALSK.D	15
PSTAT-5666	proteomics_stat	3394984	3395028	-	5	3	R.QPIFDLFDVENEIQR.A	19
PSTAT-5667	proteomics_stat	3395128	3395154	-	5	2	R.DFADAELDR.I	13
PSTAT-5668	proteomics_stat	3395560	3395625	-	5	5	K.AAFLHASDIMPHTTECVAGEEQK.Q	26
PSTAT-5669	proteomics_stat	3395626	3395673	-	5	3	R.VLPGMQAAFVDIGLDK.A	20
PSTAT-5670	proteomics_stat	3395834	3395896	-	6	4	H.AVVGLPLVETYELLSNFNALR.E	25
PSTAT-5671	proteomics_stat	3395834	3395914	-	6	3	K.INGSYHAVVGLPLVETYELLSNFNALR.E	31
PSTAT-5672	proteomics_stat	3395963	3396019	-	6	2	R.TLTDEDIAGYVASDEPLDK.A	23
PSTAT-5673	proteomics_stat	3396966	3397070	-	4	4	K.LPEPATGIAQPTPQQPATGNAATAPAAPTQPAANR.S	39
PSTAT-5674	proteomics_stat	3397647	3397691	-	4	2	R.LRELLGSPLRQDEQK.M	19
PSTAT-5675	proteomics_stat	3398069	3398116	-	6	7	K.ALEMIDMHGGDLFSEE.-	20
PSTAT-5676	proteomics_stat	3398129	3398194	-	6	9	R.LLMEETGIPVVVAEDPLTCVAR.G	26
PSTAT-5677	proteomics_stat	3398207	3398242	-	6	3	R.GMVLTTGGALLR.N	16
PSTAT-5678	proteomics_stat	3398414	3398452	-	6	5	K.HEIGSAYPGDEVR.E	17
PSTAT-5679	proteomics_stat	3398414	3398458	-	6	2	R.IKHEIGSAYPGDEVR.E	19
PSTAT-5680	proteomics_stat	3398459	3398497	-	6	6	R.NYGLSFIGEATAER.I	17
PSTAT-5681	proteomics_stat	3398459	3398500	-	6	9	R.RNYGLSFIGEATAER.I	18
PSTAT-5682	proteomics_stat	3398501	3398542	-	6	2	I.GGDRFDEAIINYVR.R	18
PSTAT-5683	proteomics_stat	3398501	3398545	-	6	15	R.IGGDRFDEAIINYVR.R	19
PSTAT-5684	proteomics_stat	3398741	3398782	-	6	7	R.VLVCVPVGATQVER.R	18
PSTAT-5685	proteomics_stat	3398741	3398785	-	6	3	P.RVLVCVPVGATQVER.R	19

PSTAT-5686	proteomics_stat	3398843	3398878	-	6	5	K.DGVIADFFVTEK.M	16
PSTAT-5687	proteomics_stat	3398879	3398914	-	6	8	R.TPGNIAAIRPMK.D	16
PSTAT-5688	proteomics_stat	3398930	3398956	-	6	2	S.VAAVGHDAK.Q	13
PSTAT-5689	proteomics_stat	3398930	3398959	-	6	26	K.SVAAVGHDAK.Q	14
PSTAT-5690	proteomics_stat	3398984	3399028	-	6	2	K.GQGIVLNPSVVAIR.Q	19
PSTAT-5691	proteomics_stat	3399029	3399091	-	6	62	R.GMFSNDLSIDLGTANTLIYVK.G	25
PSTAT-5692	proteomics_stat	3400602	3400649	-	4	2	R.LFFDNQLATLLEDQEK.V	20
PSTAT-5693	proteomics_stat	3415672	3415725	-	5	3	H.RVQQGTGKQPQRKLLPER.E	22
PSTAT-5694	proteomics_stat	3428411	3428464	-	6	4	R.GVLLPLLSLDCAVTITNR.T	22
PSTAT-5695	proteomics_stat	3428648	3428692	-	6	4	K.GANVTVPFKEEAFAR.A	19
PSTAT-5696	proteomics_stat	3428693	3428755	-	6	2	R.VLAPINDFINTLNAFFSAGGK.G	25
PSTAT-5697	proteomics_stat	3428756	3428815	-	6	3	K.SPFIHQQFAQQLNIEHPYGR.V	24
PSTAT-5698	proteomics_stat	3428816	3428860	-	6	3	I.METYAVFGNPIAHSK.S	19
PSTAT-5699	proteomics_stat	3429123	3429173	-	4	3	R.WPGPVTFVFPAPATTPR.W	21
PSTAT-5700	proteomics_stat	3429192	3429269	-	4	3	K.GLILIAANYEQLKPYIDDTMLTDVQR.E	30
PSTAT-5701	proteomics_stat	3437668	3437712	-	5	25	R.AGDNAPMAYIELVDR.S	19
PSTAT-5702	proteomics_stat	3437764	3437787	-	5	5	K.LFNELGPR.F	12
PSTAT-5703	proteomics_stat	3437788	3437814	-	5	12	R.TRDNEIVAK.L	13
PSTAT-5704	proteomics_stat	3437854	3437883	-	5	6	R.VVEPLITLAK.T	14
PSTAT-5705	proteomics_stat	3437854	3437886	-	5	16	R.RVVEPLITLAK.T	15
PSTAT-5706	proteomics_stat	3438122	3438151	-	6	2	L.TEIKDVLASR.G	14
PSTAT-5707	proteomics_stat	3438122	3438154	-	6	2	S.LTEIKDVLASR.G	15
PSTAT-5708	proteomics_stat	3438122	3438157	-	6	17	K.SLTEIKDVLASR.G	16
PSTAT-5709	proteomics_stat	3438200	3438235	-	6	2	A.EAIHYIGDLVQR.T	16
PSTAT-5710	proteomics_stat	3438200	3438238	-	6	21	K.AEAIHYIGDLVQR.T	17
PSTAT-5711	proteomics_stat	3438200	3438256	-	6	7	R.SANCLKAEAIHYIGDLVQR.T	23
PSTAT-5712	proteomics_stat	3438257	3438301	-	6	7	D.PILLRPVDDLELTVR.S	19
PSTAT-5713	proteomics_stat	3438257	3438322	-	6	3	K.EEKPEFDPILLRPVDDLELTVR.S	26
PSTAT-5714	proteomics_stat	3438257	3438337	-	6	4	R.QPEVKEEKPEFDPILLRPVDDLELTVR.S	31
PSTAT-5715	proteomics_stat	3438257	3438346	-	6	2	R.DVRQPEVKEEKPEFDPILLRPVDDLELTVR.S	34
PSTAT-5716	proteomics_stat	3438347	3438394	-	6	1546	R.AATILAEQLEAFVDLR.D	20
PSTAT-5717	proteomics_stat	3438347	3438397	-	6	3	R.RAATILAEQLEAFVDLR.D	21
PSTAT-5718	proteomics_stat	3438395	3438466	-	6	16	R.TDLDKLVIEMETNGTIDPEEAIRR.A	28
PSTAT-5719	proteomics_stat	3438398	3438451	-	6	4	K.LVIEMETNGTIDPEEAIR.R	22
PSTAT-5720	proteomics_stat	3438398	3438466	-	6	10	R.TDLDKLVIEMETNGTIDPEEAIR.R	27
PSTAT-5721	proteomics_stat	3438479	3438505	-	6	4	R.IAYNVEAAR.V	13
PSTAT-5722	proteomics_stat	3438506	3438532	-	6	5	V.DACYSPVER.I	13
PSTAT-5723	proteomics_stat	3438506	3438541	-	6	4	R.LLVDACYSPVER.I	16
PSTAT-5724	proteomics_stat	3438542	3438574	-	6	4	I.HSEEDERPIGR.L	15
PSTAT-5725	proteomics_stat	3438542	3438577	-	6	16	R.IHSEEDERPIGR.L	16
PSTAT-5726	proteomics_stat	3438623	3438739	-	6	12	K.SGIGPVTAADITHDGDVEIVKPKQHVICHILT DENASISMR.I	43
PSTAT-5727	proteomics_stat	3438677	3438739	-	6	3	K.SGIGPVTAADITHDGDVEIVK.P	25
PSTAT-5728	proteomics_stat	3438740	3438766	-	6	6	K.DEVILT LNK.S	13
PSTAT-5729	proteomics_stat	3438740	3438778	-	6	20	R.VQ GKDEVILT LNK.S	17
PSTAT-5730	proteomics_stat	3438794	3438838	-	6	75	K.EGVQEDILEILLNLK.G	19
PSTAT-5731	proteomics_stat	3438839	3438916	-	6	66	R.ILLSSMPGCAVTEVEIDGVLHEYSTK.E	30

PSTAT-5732	proteomics_stat	3438839	3438919	-	6	10	R.RILLSSMPGCAVTEVEIDGVLHEYSTK.E	31
PSTAT-5733	proteomics_stat	3438977	3439012	-	6	3	L.VDIEQVSSTHAK.V	16
PSTAT-5734	proteomics_stat	3438977	3439015	-	6	20	R.LVDIEQVSSTHAK.V	17
PSTAT-5735	proteomics_stat	3439016	3439048	-	6	2	M.QGSVTEFLKPR.L	15
PSTAT-5736	proteomics_stat	3439016	3439051	-	6	13	T.MQGSVTEFLKPR.L	16
PSTAT-5737	proteomics_stat	3439080	3439133	-	4	2710	R.SDLSADINEHLIVELYSK.-	22
PSTAT-5738	proteomics_stat	3439149	3439202	-	4	19	R.EKPTWLEVDAGKMEGTFK.R	22
PSTAT-5739	proteomics_stat	3439167	3439202	-	4	9	R.EKPTWLEVDAGK.M	16
PSTAT-5740	proteomics_stat	3439203	3439226	-	4	2	A.ALELAEQR.E	12
PSTAT-5741	proteomics_stat	3439203	3439229	-	4	10	K.AALELAEQR.E	13
PSTAT-5742	proteomics_stat	3439203	3439235	-	4	11	R.VKAALELAEQR.E	15
PSTAT-5743	proteomics_stat	3439260	3439310	-	4	2	V.VNIIASYQVSPNDVVSIR.E	21
PSTAT-5744	proteomics_stat	3439260	3439313	-	4	12	R.VVNIASYQVSPNDVVSIR.E	22
PSTAT-5745	proteomics_stat	3439260	3439316	-	4	3	G.RVVNIASYQVSPNDVVSIR.E	23
PSTAT-5746	proteomics_stat	3439386	3439403	-	4	2	L.DNVVYR.M	10
PSTAT-5747	proteomics_stat	3439407	3439448	-	4	22	K.GNTGENLLALLEGR.L	18
PSTAT-5748	proteomics_stat	3439407	3439451	-	4	4	L.KGNTGENLLALLEGR.L	19
PSTAT-5749	proteomics_stat	3439407	3439454	-	4	82	R.LKGNTGENLLALLEGR.L	20
PSTAT-5750	proteomics_stat	3439488	3439508	-	4	4	R.IYGVLER.Q	11
PSTAT-5751	proteomics_stat	3439530	3439553	-	4	2	L.SDYGVQLR.E	12
PSTAT-5752	proteomics_stat	3439530	3439556	-	4	10	R.LSDYGVQLR.E	13
PSTAT-5753	proteomics_stat	3439566	3439598	-	4	13	K.IEQAPGQHGAR.K	15
PSTAT-5754	proteomics_stat	3439566	3439601	-	4	4	C.KIEQAPGQHGAR.K	16
PSTAT-5755	proteomics_stat	3439566	3439604	-	4	11	K.CKIEQAPGQHGAR.K	17
PSTAT-5756	proteomics_stat	3439632	3439655	-	4	2	R.EGTDLFLK.S	12
PSTAT-5757	proteomics_stat	3439632	3439658	-	4	4	R.REGTDLFLK.S	13
PSTAT-5758	proteomics_stat	3439860	3439880	-	4	6	K.NLEVVMK.G	11
PSTAT-5759	proteomics_stat	3439881	3439910	-	4	4	C.ADAVKEYGIK.N	14
PSTAT-5760	proteomics_stat	3439881	3439913	-	4	7	R.CADAVKEYGIK.N	15
PSTAT-5761	proteomics_stat	3439914	3439949	-	4	4	K.STPFQAQVAAER.C	16
PSTAT-5762	proteomics_stat	3439914	3439952	-	4	14	R.KSTPFQAQVAAER.C	17
PSTAT-5763	proteomics_stat	3439962	3440009	-	4	15	R.QGNALGWATAGGSGFR.G	20
PSTAT-5764	proteomics_stat	3440010	3440054	-	4	3	H.IHASFNTIVTITDR.Q	19
PSTAT-5765	proteomics_stat	3440010	3440078	-	4	21	K.QVSDGVAHIHASFNTIVTITDR.Q	27
PSTAT-5766	proteomics_stat	3440257	3440280	-	5	2	R.EISMSIKR.L	12
PSTAT-5767	proteomics_stat	3440308	3440361	-	5	18	K.ISELSEGQIDTLRDEVAK.F	22
PSTAT-5768	proteomics_stat	3440308	3440364	-	5	2	V.KISELSEGQIDTLRDEVAK.F	23
PSTAT-5769	proteomics_stat	3440308	3440400	-	5	72	K.AILAAAGIAEDVKISELSEGQIDTLRDEVAK.F	35
PSTAT-5770	proteomics_stat	3440323	3440361	-	5	2	K.ISELSEGQIDTLR.D	17
PSTAT-5771	proteomics_stat	3440362	3440400	-	5	13	K.AILAAAGIAEDVK.I	17
PSTAT-5772	proteomics_stat	3440362	3440406	-	5	3	R.SKAILAAAGIAEDVK.I	19
PSTAT-5773	proteomics_stat	3440413	3440454	-	5	408	K.HAVIALTSIYGVGK.T	18
PSTAT-5774	proteomics_stat	3440455	3440481	-	5	12	I.AGINIPDHK.H	13
PSTAT-5775	proteomics_stat	3440455	3440484	-	5	16	R.IAGINIPDHK.H	14
PSTAT-5776	proteomics_stat	3441028	3441075	-	5	11	K.SGAFVPGIRPGEQTAK.Y	20
PSTAT-5777	proteomics_stat	3441316	3441351	-	5	7	R.VYAAQSTHPLK.V	16

PSTAT-5778	proteomics_stat	3441316	3441354	-	5	4	R.RVYAAQSTHLPLK.V	17
PSTAT-5779	proteomics_stat	3441898	3441948	-	5	24	R.GTIEMFMNFSGGALS.R	21
PSTAT-5780	proteomics_stat	3442081	3442116	-	5	7	M.AKQPGLDFQSAK.G	16
PSTAT-5781	proteomics_stat	3442130	3442165	-	6	13	R.AAIEAAGGKIEE.-	16
PSTAT-5782	proteomics_stat	3442139	3442165	-	6	6	R.AAIEAAGGK.I	13
PSTAT-5783	proteomics_stat	3442193	3442231	-	6	3	V.ILAGEVTPVTVR.G	17
PSTAT-5784	proteomics_stat	3442193	3442234	-	6	11	K.VILAGEVTPVTVR.G	18
PSTAT-5785	proteomics_stat	3442235	3442273	-	6	22	K.AANIIGIQIEFAK.V	17
PSTAT-5786	proteomics_stat	3442274	3442309	-	6	7	K.VEGGVVDLNTLK.A	16
PSTAT-5787	proteomics_stat	3442328	3442354	-	6	8	R.KAATAEIR.L	13
PSTAT-5788	proteomics_stat	3442385	3442417	-	6	12	R.GFEGGQMPLYR.R	15
PSTAT-5789	proteomics_stat	3442385	3442420	-	6	15	R.RGFEGGQMPLYR.R	16
PSTAT-5790	proteomics_stat	3442523	3442555	-	6	10	R.LNTLSPAEGSK.K	15
PSTAT-5791	proteomics_stat	3442523	3442561	-	6	4	E.MRLNTLSPAEGSK.K	17
PSTAT-5792	proteomics_stat	3442577	3442609	-	6	11	R.GMINAVSFMVK.V	15
PSTAT-5793	proteomics_stat	3442610	3442642	-	6	2	H.TVEREDTPAIR.G	15
PSTAT-5794	proteomics_stat	3442610	3442651	-	6	7	R.IGHTVEREDTPAIR.G	18
PSTAT-5795	proteomics_stat	3442655	3442681	-	6	2	K.ATLLGLGLR.R	13
PSTAT-5796	proteomics_stat	3442751	3442780	-	6	6	R.GKSVEEILGK.-	14
PSTAT-5797	proteomics_stat	3442781	3442837	-	6	4	R.ATIDGLENMNSPEMVAKR.G	23
PSTAT-5798	proteomics_stat	3442784	3442831	-	6	3	T.IDGLENMNSPEMVAK.R	20
PSTAT-5799	proteomics_stat	3442784	3442834	-	6	2	A.TIDGLENMNSPEMVAK.R	21
PSTAT-5800	proteomics_stat	3442784	3442837	-	6	18	R.ATIDGLENMNSPEMVAK.R	22
PSTAT-5801	proteomics_stat	3442784	3442840	-	6	6	V.RATIDGLENMNSPEMVAK.R	23
PSTAT-5802	proteomics_stat	3442838	3442870	-	6	4	A.YGSTNPINVVR.A	15
PSTAT-5803	proteomics_stat	3442838	3442873	-	6	16	K.AYGSTNPINVVR.A	16
PSTAT-5804	proteomics_stat	3442874	3442909	-	6	2	V.LEVAGVHNVLAK.A	16
PSTAT-5805	proteomics_stat	3442874	3442912	-	6	2	A.VLEVAGVHNVLAK.A	17
PSTAT-5806	proteomics_stat	3442874	3442915	-	6	39	R.AVLEVAGVHNVLAK.A	18
PSTAT-5807	proteomics_stat	3442916	3442960	-	6	3	Q.PASEGTGIIAGGAMR.A	19
PSTAT-5808	proteomics_stat	3442916	3442963	-	6	3	M.QPASEGTGIIAGGAMR.A	20
PSTAT-5809	proteomics_stat	3442916	3442969	-	6	2	V.FMQPASEGTGIIAGGAMR.A	22
PSTAT-5810	proteomics_stat	3442916	3442972	-	6	25	R.VFMQPASEGTGIIAGGAMR.A	23
PSTAT-5811	proteomics_stat	3442973	3443044	-	6	2	R.NMINVALNNGTLQHPVKGVHTGSR.V	28
PSTAT-5812	proteomics_stat	3442994	3443044	-	6	44	R.NMINVALNNGTLQHPVK.G	21
PSTAT-5813	proteomics_stat	3442994	3443047	-	6	13	R.RNMINVALNNGTLQHPVK.G	22
PSTAT-5814	proteomics_stat	3443066	3443089	-	6	5	R.EVPAAIQK.A	12
PSTAT-5815	proteomics_stat	3443066	3443095	-	6	8	K.AREVPAAIQK.A	14
PSTAT-5816	proteomics_stat	3443117	3443164	-	6	64	R.IFSFTALTVVGDGNGR.V	20
PSTAT-5817	proteomics_stat	3443287	3443313	-	5	9	R.VQALADAAR.E	13
PSTAT-5818	proteomics_stat	3443338	3443364	-	5	6	K.GIKDVSFDR.S	13
PSTAT-5819	proteomics_stat	3443392	3443415	-	5	12	K.DAAAAVGK.A	12
PSTAT-5820	proteomics_stat	3443392	3443430	-	5	20	K.YTGNKDAAAAVGK.A	17
PSTAT-5821	proteomics_stat	3443452	3443508	-	5	2	A.QVIAPNGSEVLVAASTVEK.A	23
PSTAT-5822	proteomics_stat	3443452	3443520	-	5	167	R.HIYAQVIAPNGSEVLVAASTVEK.A	27
PSTAT-5823	proteomics_stat	3443545	3443568	-	5	3	K.LQELGATR.L	12

PSTAT-5824	proteomics_stat	3443545	3443571	-	5	11	R.KLQELGATR.L	13
PSTAT-5825	proteomics_stat	3443653	3443673	-	5	4	R.YADEVVR.T	11
PSTAT-5826	proteomics_stat	3443716	3443748	-	5	8	K.QVIGQVAADLR.A	15
PSTAT-5827	proteomics_stat	3443716	3443760	-	5	16	K.GADKQVIGQVAADLR.A	19
PSTAT-5828	proteomics_stat	3443761	3443835	-	5	3	F.SHPVDHQLPAGITAECPQTQTEIVLK.G	29
PSTAT-5829	proteomics_stat	3443761	3443838	-	5	2	G.FSHPVDHQLPAGITAECPQTQTEIVLK.G	30
PSTAT-5830	proteomics_stat	3443761	3443847	-	5	2	L.SLGFSDHPVDHQLPAGITAECPQTQTEIVLK.G	33
PSTAT-5831	proteomics_stat	3443761	3443865	-	5	32	K.GNVINLSLGFSDHPVDHQLPAGITAECPQTQTEIVLK.G	39
PSTAT-5832	proteomics_stat	3443878	3443901	-	5	2	L.QLVGVGYR.A	12
PSTAT-5833	proteomics_stat	3443878	3443904	-	5	6	K.LQLLVGVGYR.A	13
PSTAT-5834	proteomics_stat	3443878	3443907	-	5	3	K.KLQLLVGVGYR.A	14
PSTAT-5835	proteomics_stat	3443905	3443955	-	5	11	R.ALLNSMVIGVTEGFTKK.L	21
PSTAT-5836	proteomics_stat	3443908	3443955	-	5	90	R.ALLNSMVIGVTEGFTK.K	20
PSTAT-5837	proteomics_stat	3443956	3443997	-	5	50	R.DGYADGWAQAGTAR.A	18
PSTAT-5838	proteomics_stat	3443998	3444024	-	5	2	A.DNTLTFGPR.D	13
PSTAT-5839	proteomics_stat	3443998	3444030	-	5	30	K.HADNTLTFGPR.D	15
PSTAT-5840	proteomics_stat	3444031	3444054	-	5	2	T.LNDAVEVK.H	12
PSTAT-5841	proteomics_stat	3444031	3444057	-	5	5	R.TLNDAVEVK.H	13
PSTAT-5842	proteomics_stat	3444082	3444108	-	5	4	K.INGQVITIK.G	13
PSTAT-5843	proteomics_stat	3444109	3444144	-	5	10	K.APVVVPAGVDVK.I	16
PSTAT-5844	proteomics_stat	3444286	3444306	-	5	4	K.RKDELPK.V	11
PSTAT-5845	proteomics_stat	3444337	3444360	-	5	5	K.AVVESIQR.V	12
PSTAT-5846	proteomics_stat	3444376	3444417	-	5	2	K.VEGDTKPELELTLK.Y	18
PSTAT-5847	proteomics_stat	3444376	3444444	-	5	9	K.EEGFIEDFKVEGDTKPELELTLK.Y	27
PSTAT-5848	proteomics_stat	3444376	3444468	-	5	658	K.VAIANVLKEEGFIEDFKVEGDTKPELELTLK.Y	35
PSTAT-5849	proteomics_stat	3444418	3444468	-	5	18	K.VAIANVLKEEGFIEDFK.V	21
PSTAT-5850	proteomics_stat	3444445	3444474	-	5	2	K.LKVAIANVLK.E	14
PSTAT-5851	proteomics_stat	3444475	3444501	-	5	4	K.AAVTMPSSK.L	13
PSTAT-5852	proteomics_stat	3444529	3444564	-	5	10	M.SMQDPIADMLTR.I	16
PSTAT-5853	proteomics_stat	3444766	3444822	-	5	48	K.AIISDVNASDEDRWNAVLK.L	23
PSTAT-5854	proteomics_stat	3444778	3444822	-	5	2	K.AIISDVNASDEDRWN.A	19
PSTAT-5855	proteomics_stat	3444784	3444822	-	5	6	K.AIISDVNASDEDR.W	17
PSTAT-5856	proteomics_stat	3444838	3444864	-	5	2	V.ALADKYFAK.R	13
PSTAT-5857	proteomics_stat	3444838	3444867	-	5	10	R.VALADKYFAK.R	14
PSTAT-5858	proteomics_stat	3444838	3444870	-	5	3	K.RVALADKYFAK.R	15
PSTAT-5859	proteomics_stat	3444924	3444959	-	4	6	R.ALLAAFDFPFRK.-	16
PSTAT-5860	proteomics_stat	3444927	3444959	-	4	9	R.ALLAAFDFPFRK.K	15
PSTAT-5861	proteomics_stat	3444978	3445010	-	4	3	R.GLDITITTTAK.S	15
PSTAT-5862	proteomics_stat	3445017	3445061	-	4	13	R.EQIIFPEIDYDKVDR.V	19
PSTAT-5863	proteomics_stat	3445062	3445085	-	4	3	R.GNYSMGVR.E	12
PSTAT-5864	proteomics_stat	3445131	3445154	-	4	4	R.LITIAVPR.I	12
PSTAT-5865	proteomics_stat	3445155	3445175	-	4	2	R.MWEFFER.L	11
PSTAT-5866	proteomics_stat	3445197	3445220	-	4	3	R.QGYPIGCK.V	12
PSTAT-5867	proteomics_stat	3445227	3445247	-	4	2	R.KSVAGFK.I	11
PSTAT-5868	proteomics_stat	3445254	3445316	-	4	17	K.LLDNAAADLAAISGQKPLITK.A	25
PSTAT-5869	proteomics_stat	3445254	3445319	-	4	10	K.LLDNAAADLAAISGQKPLITK.A	26

PSTAT-5870	proteomics_stat	3445269	3445316	-	4	4	K.LLDNAAADLAAISGQK.P	20
PSTAT-5871	proteomics_stat	3445317	3445349	-	4	2	N.MGVGEAIADKK.L	15
PSTAT-5872	proteomics_stat	3445317	3445361	-	4	23	K.ITLNMGVGEAIADKK.L	19
PSTAT-5873	proteomics_stat	3445371	3445409	-	4	2	M.TEFNYSVMQVPR.V	17
PSTAT-5874	proteomics_stat	3445371	3445412	-	4	2	L.MTEFNYSVMQVPR.V	18
PSTAT-5875	proteomics_stat	3445371	3445415	-	4	74	K.LMTEFNYSVMQVPR.V	19
PSTAT-5876	proteomics_stat	3445371	3445418	-	4	55	K.KLMTEFNYSVMQVPR.V	20
PSTAT-5877	proteomics_stat	3445416	3445451	-	4	13	K.LHDYKDEVVKK.L	16
PSTAT-5878	proteomics_stat	3445419	3445448	-	4	2	L.HDYKDEVVK.K	14
PSTAT-5879	proteomics_stat	3445419	3445451	-	4	23	K.LHDYKDEVVK.K	15
PSTAT-5880	proteomics_stat	3445419	3445454	-	4	5	A.KLHDYKDEVVK.K	16
PSTAT-5881	proteomics_stat	3445419	3445457	-	4	14	M.AKLHDYKDEVVK.K	17
PSTAT-5882	proteomics_stat	3445434	3445451	-	4	2	K.LHDYK.D	10
PSTAT-5883	proteomics_stat	3445553	3445606	-	6	155	K.EAAIQVSNVAIFNAATGK.A	22
PSTAT-5884	proteomics_stat	3445607	3445657	-	6	18	K.HQKVPALNQPGGIVEK.E	21
PSTAT-5885	proteomics_stat	3445658	3445690	-	6	5	K.VIVEGINLVKK.H	15
PSTAT-5886	proteomics_stat	3445661	3445687	-	6	4	V.IVEGINLVK.K	13
PSTAT-5887	proteomics_stat	3445661	3445690	-	6	9	K.VIVEGINLVK.K	14
PSTAT-5888	proteomics_stat	3445661	3445693	-	6	7	G.KVIVEGINLVK.K	15
PSTAT-5889	proteomics_stat	3445733	3445771	-	6	8	R.RDDEVIVLTGKDK.G	17
PSTAT-5890	proteomics_stat	3445739	3445768	-	6	13	R.DDEVIVLTGK.D	14
PSTAT-5891	proteomics_stat	3445739	3445771	-	6	10	R.RDDEVIVLTGK.D	15
PSTAT-5892	proteomics_stat	3445739	3445777	-	6	38	K.IRRDDEVIVLTGK.D	17
PSTAT-5893	proteomics_stat	3445878	3445934	-	4	5	F.DGNACVLLNNNSEQPIGTR.I	23
PSTAT-5894	proteomics_stat	3445878	3445937	-	4	6	R.FDGNACVLLNNNSEQPIGTR.I	24
PSTAT-5895	proteomics_stat	3445938	3445961	-	4	10	R.RPDGVSIR.F	12
PSTAT-5896	proteomics_stat	3446052	3446078	-	4	11	R.YAGVGDIIK.I	13
PSTAT-5897	proteomics_stat	3446052	3446081	-	4	2	R.RYAGVGDIIK.I	14
PSTAT-5898	proteomics_stat	3446121	3446150	-	4	2	M.LNVADNSGAR.R	14
PSTAT-5899	proteomics_stat	3446121	3446168	-	4	4	M.IQEQTMLNVADNSGAR.R	20
PSTAT-5900	proteomics_stat	3446121	3446171	-	4	23	K.MIQEQTMLNVADNSGAR.R	21
PSTAT-5901	proteomics_stat	3446405	3446455	-	6	2	H.VHDENNECGIGDVVEIR.E	21
PSTAT-5902	proteomics_stat	3446405	3446461	-	6	51	K.LHVHDENNECGIGDVVEIR.E	23
PSTAT-5903	proteomics_stat	3446510	3446533	-	6	9	K.SIVVAIER.F	12
PSTAT-5904	proteomics_stat	3446534	3446557	-	6	5	R.VVSDKMEK.S	12
PSTAT-5905	proteomics_stat	3446650	3446685	-	5	6	A.ASGQLQQSHLLK.Q	16
PSTAT-5906	proteomics_stat	3446650	3446691	-	5	4	M.QAASGQLQQSHLLK.Q	18
PSTAT-5907	proteomics_stat	3446650	3446694	-	5	45	R.MQAASGQLQQSHLLK.Q	19
PSTAT-5908	proteomics_stat	3446650	3446697	-	5	2	L.RMQAASGQLQQSHLLK.Q	20
PSTAT-5909	proteomics_stat	3446659	3446694	-	5	4	R.MQAASGQLQQSH.L	16
PSTAT-5910	proteomics_stat	3446713	3446751	-	5	2	S.VEELNTELLNLLR.E	17
PSTAT-5911	proteomics_stat	3446713	3446754	-	5	33	K.SVEELNTELLNLLR.E	18
PSTAT-5912	proteomics_stat	3446713	3446760	-	5	35	R.EKSVEELNTELLNLLR.E	20
PSTAT-5913	proteomics_stat	3446850	3446885	-	4	2	L.YEMDGVPEELAR.E	16
PSTAT-5914	proteomics_stat	3446850	3446888	-	4	3	V.LYEMDGVPEELAR.E	17
PSTAT-5915	proteomics_stat	3446850	3446891	-	4	16	K.VLYEMDGVPEELAR.E	18

PSTAT-5916	proteomics_stat	3446892	3446933	-	4	24	K.GNVEYWVALIQPGK.V	18
PSTAT-5917	proteomics_stat	3446892	3446939	-	4	60	K.GKGNVEYWVALIQPGK.V	20
PSTAT-5918	proteomics_stat	3446949	3446993	-	4	2	R.VFPDKPITEKPLAVR.M	19
PSTAT-5919	proteomics_stat	3447090	3447137	-	4	35	R.GLAQGTDVSFSGFLK.A	20
PSTAT-5920	proteomics_stat	3447090	3447140	-	4	2	N.RGLAQGTDVSFSGFLK.A	21
PSTAT-5921	proteomics_stat	3447090	3447143	-	4	5	R.NRGLAQGTDVSFSGFLK.A	22
PSTAT-5922	proteomics_stat	3447231	3447293	-	4	14	K.GEILGGMAAVEQPEKPAAQPK.K	25
PSTAT-5923	proteomics_stat	3447231	3447308	-	4	12	K.VWIFKGEILGGMAAVEQPEKPAAQPK.K	30
PSTAT-5924	proteomics_stat	3447309	3447368	-	4	120	R.ADIDYNTSEAHTTYGVIGVK.V	24
PSTAT-5925	proteomics_stat	3447336	3447368	-	4	2	R.ADIDYNTSEAH.T	15
PSTAT-5926	proteomics_stat	3447414	3447437	-	4	2	R.LGGAEIAR.T	12
PSTAT-5927	proteomics_stat	3447438	3447464	-	4	10	K.GIKVEVSGR.L	13
PSTAT-5928	proteomics_stat	3447477	3447500	-	4	4	K.RAVQNAMR.L	12
PSTAT-5929	proteomics_stat	3447528	3447560	-	4	4	L.VADSITSQLER.R	15
PSTAT-5930	proteomics_stat	3447528	3447563	-	4	11	K.LVADSITSQLER.R	16
PSTAT-5931	proteomics_stat	3447564	3447584	-	4	12	R.KPELDAK.L	11
PSTAT-5932	proteomics_stat	3447564	3447641	-	4	4	R.KVVADIAGVPAQINIAEVRKPELDAK.L	30
PSTAT-5933	proteomics_stat	3447582	3447638	-	4	2	K.VVADIAGVPAQINIAEVRK.P	23
PSTAT-5934	proteomics_stat	3447585	3447638	-	4	12	K.VVADIAGVPAQINIAEVR.K	22
PSTAT-5935	proteomics_stat	3447585	3447641	-	4	37	R.KVVADIAGVPAQINIAEVR.K	23
PSTAT-5936	proteomics_stat	3447669	3447710	-	4	18	R.VTIHTARPGIVIGK.K	18
PSTAT-5937	proteomics_stat	3447786	3447824	-	4	3	K.EFADNLDSDFKVR.Q	17
PSTAT-5938	proteomics_stat	3447792	3447824	-	4	10	K.EFADNLDSDFK.V	15
PSTAT-5939	proteomics_stat	3447825	3447872	-	4	40	R.LGIVKPWNSTWFANTK.E	20
PSTAT-5940	proteomics_stat	3447926	3447958	-	6	31	R.TSHITVVVSDR.-	15
PSTAT-5941	proteomics_stat	3448007	3448036	-	6	6	K.IFVDEGPSMK.R	14
PSTAT-5942	proteomics_stat	3448037	3448108	-	6	17	K.VLESAIANAEHNDGADIDDLKVTK.I	28
PSTAT-5943	proteomics_stat	3448037	3448111	-	6	29	K.KVLESAIANAEHNDGADIDDLKVTK.I	29
PSTAT-5944	proteomics_stat	3448046	3448108	-	6	8	K.VLESAIANAEHNDGADIDDLK.V	25
PSTAT-5945	proteomics_stat	3448046	3448111	-	6	22	K.KVLESAIANAEHNDGADIDDLK.V	26
PSTAT-5946	proteomics_stat	3448130	3448171	-	6	11	K.VSQALDILTYTNKK.A	18
PSTAT-5947	proteomics_stat	3448130	3448174	-	6	12	K.KVSQALDILTYTNKK.A	19
PSTAT-5948	proteomics_stat	3448133	3448171	-	6	10	K.VSQALDILTYTNK.K	17
PSTAT-5949	proteomics_stat	3448133	3448174	-	6	54	K.KVSQALDILTYTNK.K	18
PSTAT-5950	proteomics_stat	3448133	3448177	-	6	2	G.KKVSQALDILTYTNK.K	19
PSTAT-5951	proteomics_stat	3448315	3448338	-	5	4	K.LGEFAPTR.T	12
PSTAT-5952	proteomics_stat	3448339	3448383	-	5	10	R.QHVPVFVTDEMVGHK.L	19
PSTAT-5953	proteomics_stat	3448384	3448437	-	5	39	R.STIFPNMIGLTIAVHNGR.Q	22
PSTAT-5954	proteomics_stat	3448384	3448440	-	5	11	R.RSTIFPNMIGLTIAVHNGR.Q	23
PSTAT-5955	proteomics_stat	3448453	3448485	-	5	2	K.AVESGDKKPLR.T	15
PSTAT-5956	proteomics_stat	3448495	3448530	-	5	4	K.KGPFIDLHLLK.V	16
PSTAT-5957	proteomics_stat	3448498	3448527	-	5	6	K.GPFIDLHLLK.K	14
PSTAT-5958	proteomics_stat	3448498	3448530	-	5	7	K.KGPFIDLHLLK.K	15
PSTAT-5959	proteomics_stat	3448628	3448660	-	6	3	K.HPVPWGVQTK.G	15
PSTAT-5960	proteomics_stat	3448628	3448672	-	6	14	R.NFGKHPVTPWGVQTK.G	19
PSTAT-5961	proteomics_stat	3448673	3448723	-	6	13	R.GTAMNPVDHPHGGGEGR.N	21



PSTAT-5962	proteomics_stat	3448778	3448813	-	6	2	T.LGEVGNAEHMLR.V	16
PSTAT-5963	proteomics_stat	3448778	3448819	-	6	21	R.ATLGEVGNAEHMLR.V	18
PSTAT-5964	proteomics_stat	3448787	3448819	-	6	2	R.ATLGEVGNAEH.M	15
PSTAT-5965	proteomics_stat	3448862	3448885	-	6	22	R.DGAYVTLR.L	12
PSTAT-5966	proteomics_stat	3448886	3448915	-	6	2	S.AGTYVQIVAR.D	14
PSTAT-5967	proteomics_stat	3448886	3448918	-	6	14	R.SAGTYVQIVAR.D	15
PSTAT-5968	proteomics_stat	3448937	3448987	-	6	4	R.NIPVGSTVHNEMKPGK.G	21
PSTAT-5969	proteomics_stat	3448988	3449053	-	6	20	K.AGDQIQSGVDAAIKPGNTLPMR.N	26
PSTAT-5970	proteomics_stat	3449096	3449125	-	6	9	R.SANIALVLYK.D	14
PSTAT-5971	proteomics_stat	3449147	3449173	-	6	8	K.DGIPAVVER.L	13
PSTAT-5972	proteomics_stat	3449147	3449179	-	6	21	R.NKDGIPAVVER.L	15
PSTAT-5973	proteomics_stat	3449309	3449332	-	6	5	K.VVNPELHK.G	12
PSTAT-5974	proteomics_stat	3449407	3449442	-	5	3	K.EGQNLDVFGGAE.-	16
PSTAT-5975	proteomics_stat	3449515	3449559	-	5	583	K.LFEVEVEVVNTLVVK.G	19
PSTAT-5976	proteomics_stat	3449575	3449598	-	5	2	K.DATKAEIK.A	12
PSTAT-5977	proteomics_stat	3449727	3449753	-	4	4	K.VVMTADAVK.Q	13
PSTAT-5978	proteomics_stat	3449727	3449762	-	4	8	A.FDKVMTADAVK.Q	16
PSTAT-5979	proteomics_stat	3449727	3449798	-	4	7	R.DATGIDPVSLIAFDKVVMTADAVK.Q	28
PSTAT-5980	proteomics_stat	3449748	3449798	-	4	12	R.DATGIDPVSLIAFDKVV.M	21
PSTAT-5981	proteomics_stat	3449754	3449780	-	4	3	D.PVSLIAFDK.V	13
PSTAT-5982	proteomics_stat	3449754	3449798	-	4	24	R.DATGIDPVSLIAFDK.V	19
PSTAT-5983	proteomics_stat	3449823	3449897	-	4	4	K.LKDMALEDVLIITGELDENLFLAAR.N	29
PSTAT-5984	proteomics_stat	3449967	3449990	-	4	4	K.SILSELVR.Q	12
PSTAT-5985	proteomics_stat	3450024	3450071	-	4	8	R.SGGVTFAARPQDHSQK.V	20
PSTAT-5986	proteomics_stat	3450027	3450071	-	4	3	R.SGGVTFAARPQDHSQ.K	19
PSTAT-5987	proteomics_stat	3450045	3450071	-	4	5	R.SGGVTFAAR.P	13
PSTAT-5988	proteomics_stat	3450138	3450167	-	4	5	K.TRAEVTGSGK.K	14
PSTAT-5989	proteomics_stat	3450189	3450245	-	4	158	R.DFNEALVHQVVVAYAAGAR.Q	23
PSTAT-5990	proteomics_stat	3450246	3450290	-	4	37	K.DAQSALTVSETTFGR.D	19
PSTAT-5991	proteomics_stat	3450322	3450378	-	5	10	K.GAVPGATGSDLIVKPAVKA.-	23
PSTAT-5992	proteomics_stat	3450325	3450369	-	5	3	V.PGATGSDLIVKPAVKA.A	19
PSTAT-5993	proteomics_stat	3450325	3450378	-	5	19	K.GAVPGATGSDLIVKPAVKA.A	22
PSTAT-5994	proteomics_stat	3450412	3450441	-	5	9	R.VTVQSLDVVR.V	14
PSTAT-5995	proteomics_stat	3450442	3450468	-	5	5	K.MAGQMGNER.V	13
PSTAT-5996	proteomics_stat	3450526	3450564	-	5	13	R.TQDATHGNSLSHR.V	17
PSTAT-5997	proteomics_stat	3450529	3450564	-	5	7	R.TQDATHGNSLSH.R	16
PSTAT-5998	proteomics_stat	3450532	3450564	-	5	2	R.TQDATHGNSLS.H	15
PSTAT-5999	proteomics_stat	3450607	3450633	-	5	17	K.KVDVTGTSK.G	13
PSTAT-6000	proteomics_stat	3450634	3450699	-	5	408	R.LAEGEFTVGQSISVELFADVK.K	26
PSTAT-6001	proteomics_stat	3450739	3450771	-	5	11	R.VTKPEAGHFAK.A	15
PSTAT-6002	proteomics_stat	3450784	3450810	-	5	14	R.AIQVTTGAK.K	13
PSTAT-6003	proteomics_stat	3450811	3450834	-	5	8	K.DLANDGYR.A	12
PSTAT-6004	proteomics_stat	3450850	3450909	-	5	51	R.IFTEDGVSIPVTVIEVANR.V	24
PSTAT-6005	proteomics_stat	3450925	3450948	-	5	2	T.MIGLVGKK.V	12
PSTAT-6006	proteomics_stat	3451047	3451073	-	4	4	L.VDIVEPTEK.T	13
PSTAT-6007	proteomics_stat	3451047	3451076	-	4	11	R.LVDIVEPTEK.T	14

PSTAT-6008	proteomics_stat	3451047	3451079	-	4	2	L.RLVDIVEPEK.T	15
PSTAT-6009	proteomics_stat	3451089	3451106	-	4	2	R.DQYEIR.T	10
PSTAT-6010	proteomics_stat	3451116	3451148	-	4	36	R.FTVLISPHVNK.D	15
PSTAT-6011	proteomics_stat	3451116	3451154	-	4	2	K.ERFTVLISPHVNK.D	17
PSTAT-6012	proteomics_stat	3451200	3451241	-	4	2	L.IDQATAEIVETAKR.T	18
PSTAT-6013	proteomics_stat	3451200	3451244	-	4	18	R.LIDQATAEIVETAKR.T	19
PSTAT-6014	proteomics_stat	3451200	3451247	-	4	4	H.RLIDQATAEIVETAKR.T	20
PSTAT-6015	proteomics_stat	3451203	3451241	-	4	3	L.IDQATAEIVETAK.R	17
PSTAT-6016	proteomics_stat	3451203	3451244	-	4	17	R.LIDQATAEIVETAK.R	18
PSTAT-6017	proteomics_stat	3451203	3451247	-	4	26	H.RLIDQATAEIVETAK.R	19
PSTAT-6018	proteomics_stat	3464274	3464318	-	4	6	K.MGLQNYLQAQIREEG.-	19
PSTAT-6019	proteomics_stat	3464283	3464318	-	4	8	K.MGLQNYLQAQIR.E	16
PSTAT-6020	proteomics_stat	3464319	3464372	-	4	4	R.DEEGHIDWLETELDLIQK.M	22
PSTAT-6021	proteomics_stat	3464397	3464441	-	4	5	R.EAIGYADSVHDYVSR.D	19
PSTAT-6022	proteomics_stat	3464451	3464483	-	4	2	R.SDLALELDGAK.N	15
PSTAT-6023	proteomics_stat	3464484	3464519	-	4	2	K.LNIGEDVEEMLR.S	16
PSTAT-6024	proteomics_stat	3464520	3464564	-	4	5	R.ILFLEGLPNLQDLGK.L	19
PSTAT-6025	proteomics_stat	3464577	3464630	-	4	4	R.LNDVEYHESIDEMKHADR.Y	22
PSTAT-6026	proteomics_stat	3464589	3464630	-	4	6	R.LNDVEYHESIDEMK.H	18
PSTAT-6027	proteomics_stat	3464589	3464633	-	4	5	K.RLNDVEYHESIDEMK.H	19
PSTAT-6028	proteomics_stat	3464658	3464705	-	4	3	L.LGNELVAINQYFLHAR.M	20
PSTAT-6029	proteomics_stat	3464658	3464708	-	4	31	K.LLGNELVAINQYFLHAR.M	21
PSTAT-6030	proteomics_stat	3468179	3468202	-	6	3	T.VGAGVVAK.V	12
PSTAT-6031	proteomics_stat	3468179	3468202	-	6	3	T.VGAGVVAK.V	12
PSTAT-6032	proteomics_stat	3468230	3468262	-	6	3	L.IHPIAMDDGLR.F	15
PSTAT-6033	proteomics_stat	3468230	3468262	-	6	3	L.IHPIAMDDGLR.F	15
PSTAT-6034	proteomics_stat	3468230	3468265	-	6	4	T.LIHPIAMDDGLR.F	16
PSTAT-6035	proteomics_stat	3468230	3468265	-	6	4	T.LIHPIAMDDGLR.F	16
PSTAT-6036	proteomics_stat	3468230	3468268	-	6	4	V.TLIHPIAMDDGLR.F	17
PSTAT-6037	proteomics_stat	3468230	3468268	-	6	4	V.TLIHPIAMDDGLR.F	17
PSTAT-6038	proteomics_stat	3468230	3468271	-	6	4	V.VTLIHPIAMDDGLR.F	18
PSTAT-6039	proteomics_stat	3468230	3468271	-	6	4	V.VTLIHPIAMDDGLR.F	18
PSTAT-6040	proteomics_stat	3468230	3468274	-	6	2	M.VVTLIHPIAMDDGLR.F	19
PSTAT-6041	proteomics_stat	3468230	3468274	-	6	2	M.VVTLIHPIAMDDGLR.F	19
PSTAT-6042	proteomics_stat	3468230	3468277	-	6	109	K.MVVTLIHPIAMDDGLR.F	20
PSTAT-6043	proteomics_stat	3468230	3468277	-	6	109	K.MVVTLIHPIAMDDGLR.F	20
PSTAT-6044	proteomics_stat	3468230	3468280	-	6	15	I.KMVVTLIHPIAMDDGLR.F	21
PSTAT-6045	proteomics_stat	3468230	3468280	-	6	15	I.KMVVTLIHPIAMDDGLR.F	21
PSTAT-6046	proteomics_stat	3468275	3468349	-	6	2	R.TTDVTGTIELPEGVEMVMPGDNIK.M	29
PSTAT-6047	proteomics_stat	3468275	3468349	-	6	2	R.TTDVTGTIELPEGVEMVMPGDNIK.M	29
PSTAT-6048	proteomics_stat	3468278	3468319	-	6	3	L.PEGVEMVMPGDNIK.M	18
PSTAT-6049	proteomics_stat	3468278	3468319	-	6	3	L.PEGVEMVMPGDNIK.M	18
PSTAT-6050	proteomics_stat	3468278	3468343	-	6	6	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PSTAT-6051	proteomics_stat	3468278	3468343	-	6	6	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PSTAT-6052	proteomics_stat	3468278	3468349	-	6	180	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PSTAT-6053	proteomics_stat	3468278	3468349	-	6	180	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28

PSTAT-6054	proteomics_stat	3468350	3468370	-	6	2	Y.RPQFYFR.T	11
PSTAT-6055	proteomics_stat	3468350	3468370	-	6	2	Y.RPQFYFR.T	11
PSTAT-6056	proteomics_stat	3468350	3468376	-	6	7	K.GYRPQFYFR.T	13
PSTAT-6057	proteomics_stat	3468350	3468376	-	6	7	K.GYRPQFYFR.T	13
PSTAT-6058	proteomics_stat	3468356	3468376	-	6	2	K.GYRPQFY.F	11
PSTAT-6059	proteomics_stat	3468356	3468376	-	6	2	K.GYRPQFY.F	11
PSTAT-6060	proteomics_stat	3468395	3468436	-	6	4	F.ESEVYILSKDEGGR.H	18
PSTAT-6061	proteomics_stat	3468395	3468436	-	6	4	F.ESEVYILSKDEGGR.H	18
PSTAT-6062	proteomics_stat	3468395	3468439	-	6	71	K.FESEVYILSKDEGGR.H	19
PSTAT-6063	proteomics_stat	3468395	3468439	-	6	71	K.FESEVYILSKDEGGR.H	19
PSTAT-6064	proteomics_stat	3468395	3468445	-	6	11	H.TKFESEVYILSKDEGGR.H	21
PSTAT-6065	proteomics_stat	3468395	3468445	-	6	11	H.TKFESEVYILSKDEGGR.H	21
PSTAT-6066	proteomics_stat	3468395	3468463	-	6	2	P.GTIKPHTKFESEVYILSKDEGGR.H	27
PSTAT-6067	proteomics_stat	3468395	3468463	-	6	2	P.GTIKPHTKFESEVYILSKDEGGR.H	27
PSTAT-6068	proteomics_stat	3468410	3468436	-	6	2	F.ESEVYILSK.D	13
PSTAT-6069	proteomics_stat	3468410	3468436	-	6	2	F.ESEVYILSK.D	13
PSTAT-6070	proteomics_stat	3468410	3468439	-	6	92	K.FESEVYILSK.D	14
PSTAT-6071	proteomics_stat	3468410	3468439	-	6	92	K.FESEVYILSK.D	14
PSTAT-6072	proteomics_stat	3468410	3468445	-	6	30	H.TKFESEVYILSK.D	16
PSTAT-6073	proteomics_stat	3468410	3468445	-	6	30	H.TKFESEVYILSK.D	16
PSTAT-6074	proteomics_stat	3468410	3468484	-	6	20	R.GQVLAKPGTIKPHTKFESEVYILSK.D	29
PSTAT-6075	proteomics_stat	3468410	3468484	-	6	20	R.GQVLAKPGTIKPHTKFESEVYILSK.D	29
PSTAT-6076	proteomics_stat	3468440	3468466	-	6	2	K.PGTIKPHTK.F	13
PSTAT-6077	proteomics_stat	3468440	3468466	-	6	2	K.PGTIKPHTK.F	13
PSTAT-6078	proteomics_stat	3468440	3468484	-	6	2	R.GQVLAKPGTIKPHTK.F	19
PSTAT-6079	proteomics_stat	3468440	3468484	-	6	2	R.GQVLAKPGTIKPHTK.F	19
PSTAT-6080	proteomics_stat	3468446	3468484	-	6	11	R.GQVLAKPGTIKPH.T	17
PSTAT-6081	proteomics_stat	3468446	3468484	-	6	11	R.GQVLAKPGTIKPH.T	17
PSTAT-6082	proteomics_stat	3468452	3468484	-	6	7	R.GQVLAKPGTIK.P	15
PSTAT-6083	proteomics_stat	3468452	3468484	-	6	7	R.GQVLAKPGTIK.P	15
PSTAT-6084	proteomics_stat	3468485	3468502	-	6	3	K.REEIER.G	10
PSTAT-6085	proteomics_stat	3468485	3468502	-	6	3	K.REEIER.G	10
PSTAT-6086	proteomics_stat	3468485	3468502	-	6	3	K.REEIER.G	10
PSTAT-6087	proteomics_stat	3468512	3468541	-	6	13	R.AGENVGVLLR.G	14
PSTAT-6088	proteomics_stat	3468512	3468541	-	6	13	R.AGENVGVLLR.G	14
PSTAT-6089	proteomics_stat	3468512	3468544	-	6	4	G.RAGENVGVLLR.G	15
PSTAT-6090	proteomics_stat	3468512	3468544	-	6	4	G.RAGENVGVLLR.G	15
PSTAT-6091	proteomics_stat	3468542	3468562	-	6	7	R.KLLDEGR.A	11
PSTAT-6092	proteomics_stat	3468542	3468562	-	6	7	R.KLLDEGR.A	11
PSTAT-6093	proteomics_stat	3468560	3468592	-	6	7	K.STCTGVEMFRK.L	15
PSTAT-6094	proteomics_stat	3468560	3468592	-	6	7	K.STCTGVEMFRK.L	15
PSTAT-6095	proteomics_stat	3468563	3468592	-	6	16	K.STCTGVEMFR.K	14
PSTAT-6096	proteomics_stat	3468563	3468592	-	6	16	K.STCTGVEMFR.K	14
PSTAT-6097	proteomics_stat	3468563	3468595	-	6	12	Q.KSTCTGVEMFR.K	15
PSTAT-6098	proteomics_stat	3468563	3468595	-	6	12	Q.KSTCTGVEMFR.K	15
PSTAT-6099	proteomics_stat	3468593	3468637	-	6	84	K.VGEEVEIVGIKETQK.S	19

PSTAT-6100	proteomics_stat	3468593	3468637	-	6	84	K.VGEEVEIVGIKETQK.S	19
PSTAT-6101	proteomics_stat	3468605	3468637	-	6	112	K.VGEEVEIVGIK.E	15
PSTAT-6102	proteomics_stat	3468605	3468637	-	6	112	K.VGEEVEIVGIK.E	15
PSTAT-6103	proteomics_stat	3468680	3468724	-	6	6	K.PFLLPIEDVFSISGR.G	19
PSTAT-6104	proteomics_stat	3468680	3468724	-	6	6	K.PFLLPIEDVFSISGR.G	19
PSTAT-6105	proteomics_stat	3468680	3468727	-	6	5	D.KPFLPIEDVFSISGR.G	20
PSTAT-6106	proteomics_stat	3468680	3468727	-	6	5	D.KPFLPIEDVFSISGR.G	20
PSTAT-6107	proteomics_stat	3468680	3468730	-	6	5	I.DKPFLPIEDVFSISGR.G	21
PSTAT-6108	proteomics_stat	3468680	3468730	-	6	5	I.DKPFLPIEDVFSISGR.G	21
PSTAT-6109	proteomics_stat	3468680	3468733	-	6	5	A.IDKPFLPIEDVFSISGR.G	22
PSTAT-6110	proteomics_stat	3468680	3468733	-	6	5	A.IDKPFLPIEDVFSISGR.G	22
PSTAT-6111	proteomics_stat	3468680	3468736	-	6	314	R.AIDKPFLPIEDVFSISGR.G	23
PSTAT-6112	proteomics_stat	3468680	3468736	-	6	314	R.AIDKPFLPIEDVFSISGR.G	23
PSTAT-6113	proteomics_stat	3468680	3468739	-	6	9	E.RAIDKPFLPIEDVFSISGR.G	24
PSTAT-6114	proteomics_stat	3468680	3468739	-	6	9	E.RAIDKPFLPIEDVFSISGR.G	24
PSTAT-6115	proteomics_stat	3468737	3468778	-	6	2	E.LAGFLDSYIPEPER.A	18
PSTAT-6116	proteomics_stat	3468737	3468778	-	6	2	E.LAGFLDSYIPEPER.A	18
PSTAT-6117	proteomics_stat	3468737	3468781	-	6	6	L.ELAGFLDSYIPEPER.A	19
PSTAT-6118	proteomics_stat	3468737	3468781	-	6	6	L.ELAGFLDSYIPEPER.A	19
PSTAT-6119	proteomics_stat	3468737	3468784	-	6	21	I.LELAGFLDSYIPEPER.A	20
PSTAT-6120	proteomics_stat	3468737	3468784	-	6	21	I.LELAGFLDSYIPEPER.A	20
PSTAT-6121	proteomics_stat	3468737	3468787	-	6	648	K.ILELAGFLDSYIPEPER.A	21
PSTAT-6122	proteomics_stat	3468737	3468787	-	6	648	K.ILELAGFLDSYIPEPER.A	21
PSTAT-6123	proteomics_stat	3468737	3468790	-	6	19	A.KILELAGFLDSYIPEPER.A	22
PSTAT-6124	proteomics_stat	3468737	3468790	-	6	19	A.KILELAGFLDSYIPEPER.A	22
PSTAT-6125	proteomics_stat	3468788	3468814	-	6	2	L.EGDAEWEAK.I	13
PSTAT-6126	proteomics_stat	3468788	3468814	-	6	2	L.EGDAEWEAK.I	13
PSTAT-6127	proteomics_stat	3468788	3468817	-	6	3	A.LEGDAEWEAK.I	14
PSTAT-6128	proteomics_stat	3468788	3468817	-	6	3	A.LEGDAEWEAK.I	14
PSTAT-6129	proteomics_stat	3468788	3468820	-	6	33	K.ALEGDAEWEAK.I	15
PSTAT-6130	proteomics_stat	3468788	3468820	-	6	33	K.ALEGDAEWEAK.I	15
PSTAT-6131	proteomics_stat	3468788	3468835	-	6	2	R.GSALKALEGDAEWEAK.I	20
PSTAT-6132	proteomics_stat	3468788	3468835	-	6	2	R.GSALKALEGDAEWEAK.I	20
PSTAT-6133	proteomics_stat	3468836	3468877	-	6	3	L.SQYDFPGDDTPIVR.G	18
PSTAT-6134	proteomics_stat	3468836	3468877	-	6	3	L.SQYDFPGDDTPIVR.G	18
PSTAT-6135	proteomics_stat	3468836	3468880	-	6	5	L.LSQYDFPGDDTPIVR.G	19
PSTAT-6136	proteomics_stat	3468836	3468880	-	6	5	L.LSQYDFPGDDTPIVR.G	19
PSTAT-6137	proteomics_stat	3468836	3468883	-	6	4	E.LLSQYDFPGDDTPIVR.G	20
PSTAT-6138	proteomics_stat	3468836	3468883	-	6	4	E.LLSQYDFPGDDTPIVR.G	20
PSTAT-6139	proteomics_stat	3468836	3468886	-	6	158	R.ELLSQYDFPGDDTPIVR.G	21
PSTAT-6140	proteomics_stat	3468836	3468886	-	6	158	R.ELLSQYDFPGDDTPIVR.G	21
PSTAT-6141	proteomics_stat	3468887	3468940	-	6	29	K.CDMVDDEELLELVEMEVR.E	22
PSTAT-6142	proteomics_stat	3468887	3468940	-	6	29	K.CDMVDDEELLELVEMEVR.E	22
PSTAT-6143	proteomics_stat	3468941	3468979	-	6	90	R.QVGVPIIVFLNK.C	17
PSTAT-6144	proteomics_stat	3468941	3468979	-	6	90	R.QVGVPIIVFLNK.C	17
PSTAT-6145	proteomics_stat	3468941	3468982	-	6	13	G.RQVGVPIIVFLNK.C	18

PSTAT-6146	proteomics_stat	3468941	3468982	-	6	13	G.RQVGVPIIVFLNK.C	18
PSTAT-6147	proteomics_stat	3468977	3469000	-	6	2	R.EHILLGRQ.V	12
PSTAT-6148	proteomics_stat	3468977	3469000	-	6	2	R.EHILLGRQ.V	12
PSTAT-6149	proteomics_stat	3468980	3469000	-	6	19	R.EHILLGR.Q	11
PSTAT-6150	proteomics_stat	3468980	3469000	-	6	19	R.EHILLGR.Q	11
PSTAT-6151	proteomics_stat	3469001	3469081	-	6	2507	K.NMITGAAQMDGAILVVAATDGPMPQTR.E	31
PSTAT-6152	proteomics_stat	3469001	3469081	-	6	2507	K.NMITGAAQMDGAILVVAATDGPMPQTR.E	31
PSTAT-6153	proteomics_stat	3469082	3469108	-	6	3	D.CPGHADYVK.N	13
PSTAT-6154	proteomics_stat	3469082	3469108	-	6	3	D.CPGHADYVK.N	13
PSTAT-6155	proteomics_stat	3469082	3469114	-	6	7	H.VDCPGHADYVK.N	15
PSTAT-6156	proteomics_stat	3469082	3469114	-	6	7	H.VDCPGHADYVK.N	15
PSTAT-6157	proteomics_stat	3469082	3469120	-	6	3	Y.AHVDCPGHADYVK.N	17
PSTAT-6158	proteomics_stat	3469082	3469120	-	6	3	Y.AHVDCPGHADYVK.N	17
PSTAT-6159	proteomics_stat	3469082	3469123	-	6	9	H.YAHVDCPGHADYVK.N	18
PSTAT-6160	proteomics_stat	3469082	3469123	-	6	9	H.YAHVDCPGHADYVK.N	18
PSTAT-6161	proteomics_stat	3469082	3469126	-	6	117	R.HYAHVDCPGHADYVK.N	19
PSTAT-6162	proteomics_stat	3469082	3469126	-	6	117	R.HYAHVDCPGHADYVK.N	19
PSTAT-6163	proteomics_stat	3469094	3469126	-	6	2	R.HYAHVDCPGHA.D	15
PSTAT-6164	proteomics_stat	3469094	3469126	-	6	2	R.HYAHVDCPGHA.D	15
PSTAT-6165	proteomics_stat	3469124	3469174	-	6	3	R.GITINTSHVEYDTPTRH.Y	21
PSTAT-6166	proteomics_stat	3469124	3469174	-	6	3	R.GITINTSHVEYDTPTRH.Y	21
PSTAT-6167	proteomics_stat	3469127	3469153	-	6	3	S.HVEYDTPTR.H	13
PSTAT-6168	proteomics_stat	3469127	3469153	-	6	3	S.HVEYDTPTR.H	13
PSTAT-6169	proteomics_stat	3469127	3469156	-	6	9	T.SHVEYDTPTR.H	14
PSTAT-6170	proteomics_stat	3469127	3469156	-	6	9	T.SHVEYDTPTR.H	14
PSTAT-6171	proteomics_stat	3469127	3469159	-	6	8	N.TSHVEYDTPTR.H	15
PSTAT-6172	proteomics_stat	3469127	3469159	-	6	8	N.TSHVEYDTPTR.H	15
PSTAT-6173	proteomics_stat	3469127	3469162	-	6	5	I.NTSHVEYDTPTR.H	16
PSTAT-6174	proteomics_stat	3469127	3469162	-	6	5	I.NTSHVEYDTPTR.H	16
PSTAT-6175	proteomics_stat	3469127	3469165	-	6	9	T.INTSHVEYDTPTR.H	17
PSTAT-6176	proteomics_stat	3469127	3469165	-	6	9	T.INTSHVEYDTPTR.H	17
PSTAT-6177	proteomics_stat	3469127	3469168	-	6	10	I.TINTSHVEYDTPTR.H	18
PSTAT-6178	proteomics_stat	3469127	3469168	-	6	10	I.TINTSHVEYDTPTR.H	18
PSTAT-6179	proteomics_stat	3469127	3469171	-	6	7	G.ITINTSHVEYDTPTR.H	19
PSTAT-6180	proteomics_stat	3469127	3469171	-	6	7	G.ITINTSHVEYDTPTR.H	19
PSTAT-6181	proteomics_stat	3469127	3469174	-	6	245	R.GITINTSHVEYDTPTR.H	20
PSTAT-6182	proteomics_stat	3469127	3469174	-	6	245	R.GITINTSHVEYDTPTR.H	20
PSTAT-6183	proteomics_stat	3469181	3469213	-	6	4	A.FDQIDNAPEEK.A	15
PSTAT-6184	proteomics_stat	3469181	3469213	-	6	4	A.FDQIDNAPEEK.A	15
PSTAT-6185	proteomics_stat	3469181	3469216	-	6	17	R.AFDQIDNAPEEK.A	16
PSTAT-6186	proteomics_stat	3469181	3469216	-	6	17	R.AFDQIDNAPEEK.A	16
PSTAT-6187	proteomics_stat	3469238	3469276	-	6	203	K.TTLTAAITTVLAK.T	17
PSTAT-6188	proteomics_stat	3469238	3469276	-	6	203	K.TTLTAAITTVLAK.T	17
PSTAT-6189	proteomics_stat	3469431	3469478	-	4	23	K.YDEAPSNVAQAVIEAR.G	20
PSTAT-6190	proteomics_stat	3469431	3469505	-	4	44	R.ASYTMEFLKYDEAPSNVAQAVIEAR.G	29
PSTAT-6191	proteomics_stat	3469431	3469511	-	4	4	K.GRASYTMEFLKYDEAPSNVAQAVIEAR.G	31

PSTAT-6192	proteomics_stat	3469524	3469562	-	4	2	V.PLSEMFGYATQLR.S	17
PSTAT-6193	proteomics_stat	3469524	3469571	-	4	3	H.AEVPLSEMFGYATQLR.S	20
PSTAT-6194	proteomics_stat	3469524	3469574	-	4	16	I.HAEVPLSEMFGYATQLR.S	21
PSTAT-6195	proteomics_stat	3469524	3469577	-	4	140	K.IHAEVPLSEMFGYATQLR.S	22
PSTAT-6196	proteomics_stat	3469578	3469607	-	4	6	K.GQESEVTGVK.I	14
PSTAT-6197	proteomics_stat	3469578	3469619	-	4	7	R.GMLKGQESEVTGVK.I	18
PSTAT-6198	proteomics_stat	3469626	3469682	-	4	28	K.VEVETPEENTGDVIGDLSR.R	23
PSTAT-6199	proteomics_stat	3469626	3469715	-	4	2	K.AKPVILLEPIMKVEVETPEENTGDVIGDLSR.R	34
PSTAT-6200	proteomics_stat	3469647	3469682	-	4	3	K.VEVETPEENTGD.V	16
PSTAT-6201	proteomics_stat	3469683	3469715	-	4	32	K.AKPVILLEPIMK.V	15
PSTAT-6202	proteomics_stat	3469683	3469718	-	4	8	K.KAKPVILLEPIMK.V	16
PSTAT-6203	proteomics_stat	3469731	3469754	-	4	2	K.LAASIAFK.E	12
PSTAT-6204	proteomics_stat	3469755	3469799	-	4	3	H.FGSYHDVDSSELAFAK.L	19
PSTAT-6205	proteomics_stat	3469755	3469802	-	4	12	L.HFGSYHDVDSSELAFAK.L	20
PSTAT-6206	proteomics_stat	3469755	3469805	-	4	293	R.LHFGSYHDVDSSELAFAK.L	21
PSTAT-6207	proteomics_stat	3469806	3469850	-	4	9	K.AGPLAGYPVDMGIR.L	19
PSTAT-6208	proteomics_stat	3469872	3469913	-	4	9	K.GGVIPGEYIPAVDK.G	18
PSTAT-6209	proteomics_stat	3469914	3469940	-	4	10	K.GYEFINDIK.G	13
PSTAT-6210	proteomics_stat	3469941	3470000	-	4	22	R.GQYGHVVIDMYPLEPGSNPK.G	24
PSTAT-6211	proteomics_stat	3470025	3470051	-	4	12	R.QKVTDVEGK.H	13
PSTAT-6212	proteomics_stat	3470061	3470111	-	4	3	R.EFNVEANVGKQVAYRE.T	21
PSTAT-6213	proteomics_stat	3470064	3470108	-	4	6	E.FNVEANVGKQVAYR.E	19
PSTAT-6214	proteomics_stat	3470064	3470111	-	4	17	R.EFNVEANVGKQVAYR.E	20
PSTAT-6215	proteomics_stat	3470121	3470198	-	4	160	R.VWTDEESNQTIAGMGELHLDIIVDR.M	30
PSTAT-6216	proteomics_stat	3470199	3470225	-	4	6	R.LAKEDPSFR.V	13
PSTAT-6217	proteomics_stat	3470268	3470312	-	4	23	R.MEFPEPVISIAVEPK.T	19
PSTAT-6218	proteomics_stat	3470268	3470315	-	4	2	E.RMEFPEPVISIAVEPK.T	20
PSTAT-6219	proteomics_stat	3470313	3470339	-	4	7	D.PDAPIILER.M	13
PSTAT-6220	proteomics_stat	3470313	3470348	-	4	3	T.LCDPDAPIILER.M	16
PSTAT-6221	proteomics_stat	3470313	3470351	-	4	2	D.TLCDPDAPIILER.M	17
PSTAT-6222	proteomics_stat	3470313	3470369	-	4	159	K.DVTTGDTLCDPDAPIILER.M	23
PSTAT-6223	proteomics_stat	3470313	3470402	-	4	6	R.AGDIAAAIGLKDVTGDTLCDPDAPIILER.M	34
PSTAT-6224	proteomics_stat	3470334	3470369	-	4	6	K.DVTTGDTLCDPD.A	16
PSTAT-6225	proteomics_stat	3470340	3470369	-	4	5	K.DVTTGDTLCD.P	14
PSTAT-6226	proteomics_stat	3470370	3470402	-	4	15	R.AGDIAAAIGLK.D	15
PSTAT-6227	proteomics_stat	3470403	3470423	-	4	5	R.EEIKVR.A	11
PSTAT-6228	proteomics_stat	3470427	3470450	-	4	3	R.IVQMHANK.R	12
PSTAT-6229	proteomics_stat	3470475	3470522	-	4	3	V.YSGVVNSGDTVLSVK.A	20
PSTAT-6230	proteomics_stat	3470475	3470525	-	4	28	R.VYSGVVNSGDTVLSVK.A	21
PSTAT-6231	proteomics_stat	3470475	3470528	-	4	6	F.RVYSGVVNSGDTVLSVK.A	22
PSTAT-6232	proteomics_stat	3470526	3470564	-	4	5	I.ATDPFVGNLFFR.V	17
PSTAT-6233	proteomics_stat	3470526	3470567	-	4	16	K.IATDPFVGNLFFR.V	18
PSTAT-6234	proteomics_stat	3470526	3470570	-	4	7	F.IATDPFVGNLFFR.V	19
PSTAT-6235	proteomics_stat	3470568	3470609	-	4	32	R.HASDDEPFSALAFK.I	18
PSTAT-6236	proteomics_stat	3470610	3470663	-	4	10	D.VPAINGILDDGKDTPAER.H	22
PSTAT-6237	proteomics_stat	3470610	3470666	-	4	2	V.DVPAINGILDDGKDTPAER.H	23

PSTAT-6238	proteomics_stat	3470610	3470678	-	4	14	L.PSPVDVPAINGILDDGKDTPAER.H	27
PSTAT-6239	proteomics_stat	3470610	3470681	-	4	3	Y.LPSPVDVPAINGILDDGKDTPAER.H	28
PSTAT-6240	proteomics_stat	3470610	3470717	-	4	184	K.GVQAMLDAPAIDYLPSPVDVPAINGILDDGKDTPAER.H	40
PSTAT-6241	proteomics_stat	3470610	3470723	-	4	34	K.NKGVQAMLDAPAIDYLPSPVDVPAINGILDDGKDTPAER.H	42
PSTAT-6242	proteomics_stat	3470628	3470717	-	4	12	K.GVQAMLDAPAIDYLPSPVDVPAINGILDDGK.D	34
PSTAT-6243	proteomics_stat	3470724	3470765	-	4	2	L.NNEIILVTCGSAFK.N	18
PSTAT-6244	proteomics_stat	3470724	3470768	-	4	3	V.LNNEIILVTCGSAFK.N	19
PSTAT-6245	proteomics_stat	3470724	3470771	-	4	75	R.VLNNEIILVTCGSAFK.N	20
PSTAT-6246	proteomics_stat	3470790	3470828	-	4	15	K.YLGGEELTEAEIK.G	17
PSTAT-6247	proteomics_stat	3470976	3471053	-	4	2821	R.LGANPVPLQLAIGAEHFTGVVDLVK.M	30
PSTAT-6248	proteomics_stat	3471153	3471197	-	4	3	Y.CAVGGVQPQSETVWR.Q	19
PSTAT-6249	proteomics_stat	3471153	3471218	-	4	3	L.DGAVMVYCAVGGVQPQSETVWR.Q	26
PSTAT-6250	proteomics_stat	3471153	3471224	-	4	22	R.VLDGAVMVYCAVGGVQPQSETVWR.Q	28
PSTAT-6251	proteomics_stat	3471234	3471287	-	4	50	R.INIIDTPGHVDFTIEVER.S	22
PSTAT-6252	proteomics_stat	3471306	3471359	-	4	175	R.GITITSAATTAFWSGMAK.Q	22
PSTAT-6253	proteomics_stat	3471360	3471419	-	4	29	K.IGEVHDGAATMDWMEQEQR.G	24
PSTAT-6254	proteomics_stat	3471420	3471449	-	4	19	R.ILFYTG VNHK.I	14
PSTAT-6255	proteomics_stat	3471468	3471503	-	4	52	R.NIGISAHIDAGK.T	16
PSTAT-6256	proteomics_stat	3471591	3471623	-	4	5	R.SFSHQAGASSK.Q	15
PSTAT-6257	proteomics_stat	3471693	3471746	-	4	5	R.LANELSDAAENKGTAVKK.R	22
PSTAT-6258	proteomics_stat	3471696	3471740	-	4	3	A.NELSDAAENKGTAVK.K	19
PSTAT-6259	proteomics_stat	3471696	3471746	-	4	18	R.LANELSDAAENKGTAVK.K	21
PSTAT-6260	proteomics_stat	3471711	3471743	-	4	2	L.ANELSDAAENK.G	15
PSTAT-6261	proteomics_stat	3471711	3471746	-	4	15	R.LANELSDAAENK.G	16
PSTAT-6262	proteomics_stat	3471819	3471866	-	4	15	R.VGGSTYQVPVEVRPVR.R	20
PSTAT-6263	proteomics_stat	3471819	3471869	-	4	6	R.RVGGSTYQVPVEVRPVR.R	21
PSTAT-6264	proteomics_stat	3471828	3471866	-	4	5	R.VGGSTYQVPVEVR.P	17
PSTAT-6265	proteomics_stat	3471828	3471869	-	4	6	R.RVGGSTYQVPVEVR.P	18
PSTAT-6266	proteomics_stat	3471876	3471935	-	4	88	K.SELEAFEVALENVRPTVEVK.S	24
PSTAT-6267	proteomics_stat	3471876	3471944	-	4	75	R.SGKSELEAFEVALENVRPTVEVK.S	27
PSTAT-6268	proteomics_stat	3471945	3471995	-	4	128	K.STAESIVYSALETLAQR.S	21
PSTAT-6269	proteomics_stat	3471945	3471998	-	4	70	K.KSTAESIVYSALETLAQR.S	22
PSTAT-6270	proteomics_stat	3471996	3472028	-	4	27	K.FVNILMVDGKK.S	15
PSTAT-6271	proteomics_stat	3471999	3472028	-	4	9	K.FVNILMVDGK.K	14
PSTAT-6272	proteomics_stat	3472029	3472052	-	4	2	K.FGSELLAK.F	12
PSTAT-6273	proteomics_stat	3472242	3472277	-	4	2	R.GALDCSGVKDRK.Q	16
PSTAT-6274	proteomics_stat	3472245	3472277	-	4	5	R.GALDCSGVKDRK.K	15
PSTAT-6275	proteomics_stat	3472251	3472277	-	4	2	R.GALDCSGVK.D	13
PSTAT-6276	proteomics_stat	3472326	3472376	-	4	5	Y.IGGEGHNLQEHSVILIR.G	21
PSTAT-6277	proteomics_stat	3472326	3472406	-	4	1270	R.LTNGFEVTSYIGGEGHNLQEHSVILIR.G	31
PSTAT-6278	proteomics_stat	3472446	3472466	-	4	2	R.VYTTTPK.K	11
PSTAT-6279	proteomics_stat	3472482	3472520	-	4	16	K.SNVPALAECPQKR.G	17
PSTAT-6280	proteomics_stat	3472485	3472520	-	4	6	K.SNVPALAECPQKR.R	16
PSTAT-6281	proteomics_stat	3472548	3472571	-	4	3	M.ATVNQLVR.K	12
PSTAT-6282	proteomics_stat	3473818	3473844	-	5	7	K.DAINQVADR.L	13
PSTAT-6283	proteomics_stat	3474169	3474210	-	5	7	R.MLHDMTGADSSVSK.C	18

PSTAT-6284	proteomics_stat	3474247	3474273	-	5	3	R.IANGEHTGR.K	13
PSTAT-6285	proteomics_stat	3474373	3474453	-	5	3	R.SLLTNETSELDLLDQRPFQDFDILK.S	31
PSTAT-6286	proteomics_stat	3474761	3474799	-	6	2	K.IKLVIPPELAYGK.A	17
PSTAT-6287	proteomics_stat	3474821	3474859	-	6	3	R.LDGVIPGWTEGLK.N	17
PSTAT-6288	proteomics_stat	3474881	3474925	-	6	6	K.GTLIDGKEFDNSYTR.G	19
PSTAT-6289	proteomics_stat	3474926	3474955	-	6	11	K.DSDTVVVNYK.G	14
PSTAT-6290	proteomics_stat	3474926	3474970	-	6	4	K.GEAPKSDTVVVNYK.G	19
PSTAT-6291	proteomics_stat	3474926	3475015	-	6	10	K.TSSTGLVYQVVEAGKGEAPKSDTVVVNYK.G	34
PSTAT-6292	proteomics_stat	3474956	3475015	-	6	4	K.TSSTGLVYQVVEAGKGEAPK.D	24
PSTAT-6293	proteomics_stat	3475061	3475093	-	6	3	K.MEKDAADNEAK.G	15
PSTAT-6294	proteomics_stat	3475118	3475165	-	6	8	K.LSDQEIEQLQAFEAR.V	20
PSTAT-6295	proteomics_stat	3475118	3475171	-	6	3	K.SKLSDQEIEQLQAFEAR.V	22
PSTAT-6296	proteomics_stat	3475172	3475195	-	6	3	G.VQDAFADK.S	12
PSTAT-6297	proteomics_stat	3475172	3475222	-	6	7	K.LDKDQLIAGVQDAFADK.S	21
PSTAT-6298	proteomics_stat	3475172	3475234	-	6	4	K.LGIKLDKDKQLIAGVQDAFADK.S	25
PSTAT-6299	proteomics_stat	3475235	3475267	-	6	11	R.YMENSLKEQEK.L	15
PSTAT-6300	proteomics_stat	3475247	3475267	-	6	2	R.YMENSLK.E	11
PSTAT-6301	proteomics_stat	3475268	3475300	-	6	3	K.SAYALGASLGR.Y	15
PSTAT-6302	proteomics_stat	3475328	3475366	-	6	9	A.AEAAKPATAADSK.A	17
PSTAT-6303	proteomics_stat	3476100	3476126	-	4	5	K.FNVEVVAIR.E	13
PSTAT-6304	proteomics_stat	3476235	3476276	-	4	6	K.DVFMGVDELQVGMGR.F	18
PSTAT-6305	proteomics_stat	3483508	3483531	-	5	3	R.AVDLSAEK.Y	12
PSTAT-6306	proteomics_stat	3483634	3483666	-	5	10	K.GRQDVVDCEVK.L	15
PSTAT-6307	proteomics_stat	3487018	3487071	-	5	11	R.FAPSLVVEDADIDEGMQR.F	22
PSTAT-6308	proteomics_stat	3487072	3487137	-	5	3	R.DFLYAGAEAGVMVLNAGPDVMR.F	26
PSTAT-6309	proteomics_stat	3487150	3487194	-	5	16	R.GMGLLIGAELKPQYK.G	19
PSTAT-6310	proteomics_stat	3487195	3487230	-	5	4	K.IDQQYDVFSDIR.G	16
PSTAT-6311	proteomics_stat	3487438	3487500	-	5	13	R.TGDLFAYMHYGVTPDILTSK.A	25
PSTAT-6312	proteomics_stat	3487501	3487563	-	5	7	R.ELCDQHQAALLVFDEVQCQMGR.T	25
PSTAT-6313	proteomics_stat	3487564	3487662	-	5	2	K.AVMDDHTCAVVVEPIQGEGGVTAATPEFLQGLR.E	37
PSTAT-6314	proteomics_stat	3487663	3487710	-	5	5	K.PADIIHVPFNDLHAVK.A	20
PSTAT-6315	proteomics_stat	3487663	3487734	-	5	17	K.YSDGFGPKPADIIHVPFNDLHAVK.A	28
PSTAT-6316	proteomics_stat	3487735	3487770	-	5	2	R.SLFTVSVGGQPK.Y	16
PSTAT-6317	proteomics_stat	3487771	3487803	-	5	2	K.IIAFHNAFHGR.S	15
PSTAT-6318	proteomics_stat	3487852	3487899	-	5	7	R.VVFMNSGTEANETAFK.L	20
PSTAT-6319	proteomics_stat	3487900	3487929	-	5	6	R.KLIEATFAER.V	14
PSTAT-6320	proteomics_stat	3487939	3487998	-	5	14	K.TQGETLWHISNVFTNEPALR.L	24
PSTAT-6321	proteomics_stat	3487999	3488076	-	5	57	K.EYVDFAGGIAVTALGHCHPALVNALK.T	30
PSTAT-6322	proteomics_stat	3488098	3488172	-	5	3	R.ATFDEVILPIYAPAEFIPVKGQGSR.I	29
PSTAT-6323	proteomics_stat	3488113	3488172	-	5	2	R.ATFDEVILPIYAPAEFIPV.K	24
PSTAT-6324	proteomics_stat	3488913	3488984	-	4	2	K.EAWNQANQSGAMGDLTALQMIFSK.V	28
PSTAT-6325	proteomics_stat	3489252	3489293	-	4	3	R.QLYQDIFDWAGQLR.E	18
PSTAT-6326	proteomics_stat	3489423	3489482	-	4	5	M.SDKFGEGRDPYLYPGLDIMR.N	24
PSTAT-6327	proteomics_stat	3489508	3489567	-	5	6	R.RLEGVEMPLVTLTAAEALAR.L	24
PSTAT-6328	proteomics_stat	3489759	3489836	-	4	13	K.ISQVPTHVGPYQNVPSKPVVILSAK.V	30
PSTAT-6329	proteomics_stat	3489759	3489857	-	4	7	K.GMDVADKISQVPTHVGPYQNVPSKPVVILSAK.V	37



PSTAT-6330	proteomics_stat	3489867	3489893	-	4	2	R.DFGYAVFGK.V	13
PSTAT-6331	proteomics_stat	3489894	3489971	-	4	19	R.TADKDSATSQFFINVADNAFLDHGQR.D	30
PSTAT-6332	proteomics_stat	3490002	3490046	-	4	8	K.KPNPPIKNEADNGLR.N	19
PSTAT-6333	proteomics_stat	3490047	3490103	-	4	4	R.VIPGFMIQGGGFTEQMQQK.K	23
PSTAT-6334	proteomics_stat	3490104	3490175	-	4	23	K.APVSVQNFVDYVNSGFYNNTTFHR.V	28
PSTAT-6335	proteomics_stat	3490104	3490181	-	4	4	K.QKAPVSVQNFVDYVNSGFYNNTTFHR.V	30
PSTAT-6336	proteomics_stat	3490176	3490247	-	4	13	A.AKGDPHVLLTTSAGNIELELDKQK.A	28
PSTAT-6337	proteomics_stat	3490182	3490247	-	4	3	A.AKGDPHVLLTTSAGNIELELDK.Q	26
PSTAT-6338	proteomics_stat	3504279	3504299	-	4	2	R.NASDNIR.N	11
PSTAT-6339	proteomics_stat	3510725	3510778	-	6	2	R.FRND EAF LQQVMKDGAEK.A	22
PSTAT-6340	proteomics_stat	3510740	3510778	-	6	13	R.FRND EAF LQQVMK.D	17
PSTAT-6341	proteomics_stat	3510788	3510838	-	6	7	K.GEVADAVSGMLTELQER.Y	21
PSTAT-6342	proteomics_stat	3510788	3510856	-	6	13	K.MYGHLKGEVADAVSGMLTELQER.Y	27
PSTAT-6343	proteomics_stat	3510857	3510940	-	6	8	K.AGVSNLLDILSAVTGQSIPELEKQFEGK.M	32
PSTAT-6344	proteomics_stat	3510869	3510940	-	6	2	K.AGVSNLLDILSAVTGQSIPELEKQ.F	28
PSTAT-6345	proteomics_stat	3510872	3510940	-	6	27	K.AGVSNLLDILSAVTGQSIPELEK.Q	27
PSTAT-6346	proteomics_stat	3510959	3510994	-	6	9	R.AVTDSDEPPVVR.Y	16
PSTAT-6347	proteomics_stat	3510959	3510997	-	6	3	K.RAVTDSDEPPVVR.Y	17
PSTAT-6348	proteomics_stat	3511019	3511051	-	6	2	R.NNVIGLLEDPK.S	15
PSTAT-6349	proteomics_stat	3511019	3511066	-	6	2	K.SDDNRNNVIGLLEDPK.S	20
PSTAT-6350	proteomics_stat	3511076	3511105	-	6	2	R.VMSLLEPTKK.M	14
PSTAT-6351	proteomics_stat	3511118	3511171	-	6	9	R.FNALYGEIFKVPEPFIPK.S	22
PSTAT-6352	proteomics_stat	3511142	3511171	-	6	2	R.FNALYGEIFK.V	14
PSTAT-6353	proteomics_stat	3511433	3511486	-	6	3	K.ATLDTLALYLACGIDPEK.S	22
PSTAT-6354	proteomics_stat	3511433	3511489	-	6	6	R.KATLDTLALYLACGIDPEK.S	23
PSTAT-6355	proteomics_stat	3511583	3511657	-	6	19	M.TKPIVFSGAQPSGELTIGNYMGALR.Q	29
PSTAT-6356	proteomics_stat	3511830	3511874	-	4	5	R.MGIAPQQMLFVGDSR.N	19
PSTAT-6357	proteomics_stat	3511875	3511955	-	4	3	K.YFSVVI GGDDVQNKKPHPDPLLLVAER.M	31
PSTAT-6358	proteomics_stat	3511956	3512033	-	4	8	K.GLPLGLVTNKPTPFVAPLLEALDIK.Y	30
PSTAT-6359	proteomics_stat	3512034	3512111	-	4	7	R.YYGEVAEEGTF LFP HVADTLGALQAK.G	30
PSTAT-6360	proteomics_stat	3512136	3512189	-	4	2	K.TMGKPPVDDDIPAE EQVR.I	22
PSTAT-6361	proteomics_stat	3512136	3512192	-	4	4	R.KTMGKPPVDDDIPAE EQVR.I	23
PSTAT-6362	proteomics_stat	3512232	3512276	-	4	5	R.VITWIGNGADVLMER.A	19
PSTAT-6363	proteomics_stat	3512452	3512538	-	5	23	K.VNNIGEIAAAGADM FVAGSAIFDQPDYK.V	33
PSTAT-6364	proteomics_stat	3512455	3512538	-	5	8	K.VNNIGEIAAAGADM FVAGSAIFDQPDYK.K	32
PSTAT-6365	proteomics_stat	3512563	3512592	-	5	2	R.RIDESGFDIR.L	14
PSTAT-6366	proteomics_stat	3512854	3512910	-	5	8	R.NYGITAPIDVHLMVKPVDR.I	23
PSTAT-6367	proteomics_stat	3512920	3513009	-	5	11	K.ALAAGADV VHFVMDNHYPNLTIGPMVLK.S	34
PSTAT-6368	proteomics_stat	3513031	3513075	-	5	5	K.QYLIAPSILSADFAR.L	19
PSTAT-6369	proteomics_stat	3513031	3513081	-	5	4	R.MKQYLIAPSILSADFAR.L	21
PSTAT-6370	proteomics_stat	3514090	3514125	-	5	2	K.AVSTLPADVQAK.N	16
PSTAT-6371	proteomics_stat	3514090	3514128	-	5	5	K.KAVSTLPADVQAK.N	17
PSTAT-6372	proteomics_stat	3514141	3514188	-	5	5	R.NGQPWYV LVSGVYASK.E	20
PSTAT-6373	proteomics_stat	3514189	3514215	-	5	2	K.NYVVYETTR.N	13
PSTAT-6374	proteomics_stat	3514189	3514230	-	5	2	K.KENLKNYVVYETTR.N	18
PSTAT-6375	proteomics_stat	3514231	3514305	-	5	4	K.SAPSSH YTLQLSSSSNYDNLNGWAK.K	29

PSTAT-6376	proteomics_stat	3514306	3514332	-	5	3	K.TAGNVGSLK.S	13
PSTAT-6377	proteomics_stat	3514333	3514371	-	5	2	S.PAQTATPAAGAK.T	17
PSTAT-6378	proteomics_stat	3514333	3514383	-	5	5	V.QTASPAQTATPAAGAK.T	21
PSTAT-6379	proteomics_stat	3514333	3514407	-	5	21	K.ETATTAPVQTASPAQTATPAAGAK.T	29
PSTAT-6380	proteomics_stat	3514408	3514440	-	5	6	K.APAATSTPAPK.E	15
PSTAT-6381	proteomics_stat	3514441	3514476	-	5	11	K.RTEPAAPVASTK.A	16
PSTAT-6382	proteomics_stat	3514627	3514746	-	5	3	R.VEVQGLNNAITQPQNQQQLNNVAVNSTLPTEPATVAPVR.N	44
PSTAT-6383	proteomics_stat	3514747	3514809	-	5	2	L.PPISSTPTQGQTPVATDGQQR.V	25
PSTAT-6384	proteomics_stat	3515080	3515145	-	5	2	R.NEEPEIEEIEDESEDETVEER.V	26
PSTAT-6385	proteomics_stat	3515161	3515226	-	5	2	R.GEPQINFDDIELDDTDDRRPTR.A	26
PSTAT-6386	proteomics_stat	3515275	3515328	-	5	8	-.MDEFKPEDELKPDPSDRR.T	22
PSTAT-6387	proteomics_stat	3515423	3515476	-	6	3	R.SGVSHLVNLAIDCQSA.-	22
PSTAT-6388	proteomics_stat	3515546	3515584	-	6	3	R.EMSAQAYLPHMLR.D	17
PSTAT-6389	proteomics_stat	3515585	3515614	-	6	3	K.RAGLPVNGPR.E	14
PSTAT-6390	proteomics_stat	3515804	3515830	-	6	2	K.AEVVAADER.E	13
PSTAT-6391	proteomics_stat	3516056	3516082	-	6	8	K.TAVNHPLGK.N	13
PSTAT-6392	proteomics_stat	3516083	3516139	-	6	5	R.FIQVPTLLSQVDSSVGK.T	23
PSTAT-6393	proteomics_stat	3516149	3516223	-	6	3	R.DTTLVALGGGVGDLTGFAAASYQR.G	29
PSTAT-6394	proteomics_stat	3516224	3516280	-	6	21	K.SLAVLDTVFTALLQKPHGR.D	23
PSTAT-6395	proteomics_stat	3516281	3516346	-	6	2	R.GVLEQAGVNVDSVILPDGEQYK.S	26
PSTAT-6396	proteomics_stat	3516413	3516475	-	6	13	R.SYPITIASGLFNEPASFLPK.S	25
PSTAT-6397	proteomics_stat	3516568	3516606	-	5	3	K.VVANQIHHMLESN.-	17
PSTAT-6398	proteomics_stat	3516628	3516696	-	5	7	R.EVLEALANERNPLYEEIADVTR.T	27
PSTAT-6399	proteomics_stat	3516697	3516729	-	5	2	K.RPLLHVETPPR.E	15
PSTAT-6400	proteomics_stat	3516829	3516867	-	5	2	K.QGIVLATGGGSVK.S	17
PSTAT-6401	proteomics_stat	3516868	3516891	-	5	4	K.VINELTEK.Q	12
PSTAT-6402	proteomics_stat	3516907	3516960	-	5	8	R.TGADVGVWVFDLEGEERFR.D	22
PSTAT-6403	proteomics_stat	3516961	3517020	-	5	7	R.QLAQQLNMEFYDSDQEIEKR.T	24
PSTAT-6404	proteomics_stat	3517036	3517071	-	5	2	R.NIFLVGPMGAGK.S	16
PSTAT-6405	proteomics_stat	3523725	3523802	-	4	3	K.MNIVVAQDLYPESLEGDEPEPLPQVR.W	30
PSTAT-6406	proteomics_stat	3523836	3523889	-	4	3	R.ELKEEVGFGANDLTFLKK.L	22
PSTAT-6407	proteomics_stat	3523980	3524030	-	4	2	R.EAVMIVPIVDDHLILIR.E	21
PSTAT-6408	proteomics_stat	3524118	3524162	-	4	2	K.SLQKPTILNVETVAR.S	19
PSTAT-6409	proteomics_stat	3529034	3529114	-	6	2	K.VLADNVLIAPGSVKPDATFWSALIQDR.Y	31
PSTAT-6410	proteomics_stat	3532661	3532741	-	6	7	R.KHLFPFVRGDSARTISGTGLGLAIVQ.R	31
PSTAT-6411	proteomics_stat	3533522	3533590	-	6	4	R.WAQHYEFLSHQMAQQLGGPTEVR.V	27
PSTAT-6412	proteomics_stat	3533890	3533946	-	5	3	R.YIQTVWGLGYFVFPDGSKA.-	23
PSTAT-6413	proteomics_stat	3533986	3534009	-	5	3	R.SIDVQISR.L	12
PSTAT-6414	proteomics_stat	3534010	3534036	-	5	2	R.GREYSAMER.S	13
PSTAT-6415	proteomics_stat	3534097	3534156	-	5	5	R.EMFREDEPMPLTSGEFAVLK.A	24
PSTAT-6416	proteomics_stat	3534181	3534240	-	5	3	R.QANELPGAPSQEEAVIAFGK.F	24
PSTAT-6417	proteomics_stat	3534181	3534243	-	5	2	R.RQANELPGAPSQEEAVIAFGK.F	25
PSTAT-6418	proteomics_stat	3534277	3534333	-	5	5	R.IVGLEIGADDYIPKPFNPR.E	23
PSTAT-6419	proteomics_stat	3534352	3534393	-	5	5	R.SQSNPMPPIIMVTAK.G	18
PSTAT-6420	proteomics_stat	3534481	3534510	-	5	2	R.SVANAEQMDR.L	14
PSTAT-6421	proteomics_stat	3534511	3534540	-	5	2	R.YLTEQGFQVR.S	14

PSTAT-6422	proteomics_stat	3542402	3542440	-	6	2	R.FLALQTMGTETAR.Q	17
PSTAT-6423	proteomics_stat	3542453	3542524	-	6	4	R.DEWPGIKPDVLAGFQQQLSDDFQR.T	28
PSTAT-6424	proteomics_stat	3542642	3542704	-	6	2	R.GFGALSLADMAEAVLQQAPDK.A	25
PSTAT-6425	proteomics_stat	3546815	3546904	-	6	2	K.ASVGAPPDILGPLGQNWGLPPMDPHIITAR.A	34
PSTAT-6426	proteomics_stat	3547736	3547804	-	6	4	K.AFNLPKLPYHTLTLTQDDQR.A	27
PSTAT-6427	proteomics_stat	3548237	3548296	-	6	3	K.QGGDPYLVMDFAAYVEAQK.Q	24
PSTAT-6428	proteomics_stat	3548297	3548350	-	6	3	K.YSDGDKHAFDQMLHSIGK.Q	22
PSTAT-6429	proteomics_stat	3548441	3548491	-	6	2	K.VGEENIFIFGHTVEQVK.A	21
PSTAT-6430	proteomics_stat	3548585	3548632	-	6	5	K.LIPAADISEQISTAGK.E	20
PSTAT-6431	proteomics_stat	3548633	3548674	-	6	2	K.VVFLPDYCVSAAEK.L	18
PSTAT-6432	proteomics_stat	3548675	3548722	-	6	4	K.VADVINNPLVGDCLK.V	20
PSTAT-6433	proteomics_stat	3548894	3548941	-	6	5	R.TGIEINPQAFDIQIK.R	20
PSTAT-6434	proteomics_stat	3549029	3549070	-	6	2	K.EWANDLDQLINLEK.F	18
PSTAT-6435	proteomics_stat	3549164	3549202	-	6	2	K.DLFPEYHQLWPNK.F	17
PSTAT-6436	proteomics_stat	3549362	3549394	-	6	4	R.HMQIINEINTR.F	15
PSTAT-6437	proteomics_stat	3549431	3549478	-	6	4	K.TFAYTNHTLMPEALER.W	20
PSTAT-6438	proteomics_stat	3549536	3549613	-	6	5	K.LHELADYEVIQLNDTHPTIAIPELLR.V	30
PSTAT-6439	proteomics_stat	3549536	3549616	-	6	19	R.KLHELADYEVIQLNDTHPTIAIPELLR.V	31
PSTAT-6440	proteomics_stat	3549698	3549733	-	6	4	K.VLYPNDNHTAGK.K	16
PSTAT-6441	proteomics_stat	3549743	3549772	-	6	3	R.AEQQGINAEK.L	14
PSTAT-6442	proteomics_stat	3549839	3549862	-	6	2	R.NGVAQPLR.L	12
PSTAT-6443	proteomics_stat	3549863	3549922	-	6	2	R.WEPEFTITGQAWDLPVVGYR.N	24
PSTAT-6444	proteomics_stat	3549941	3549982	-	6	6	R.HNEALDVQVGIGGK.V	18
PSTAT-6445	proteomics_stat	3550142	3550216	-	6	6	K.AYDINLTDLLEEEIDPALGNGLGR.L	29
PSTAT-6446	proteomics_stat	3550217	3550276	-	6	5	R.LTGNNLLNLGWYQDVQDSLK.A	24
PSTAT-6447	proteomics_stat	3558233	3558277	-	6	2	R.IVTNNLNVANTLMVK.E	19
PSTAT-6448	proteomics_stat	3558278	3558376	-	6	2	K.VAEQIPNGSTLFIDIGTTPEAVAHALLNHSNLR.I	37
PSTAT-6449	proteomics_stat	3558584	3558610	-	6	3	R.HNGIIELVK.Q	13
PSTAT-6450	proteomics_stat	3562160	3562201	-	6	2	K.EYADHIWHIDPVRL.-	18
PSTAT-6451	proteomics_stat	3562256	3562321	-	6	2	R.SYVDCQDKVDELYELQEEWTAK.A	26
PSTAT-6452	proteomics_stat	3562736	3562774	-	6	2	K.VINNDPQIGDKLK.V	17
PSTAT-6453	proteomics_stat	3562775	3562807	-	6	6	K.HIIHLINDVAK.V	15
PSTAT-6454	proteomics_stat	3563045	3563122	-	6	6	R.TDLSLLNELQQHCDFPMVNHAVHQAK.L	30
PSTAT-6455	proteomics_stat	3563132	3563188	-	6	3	R.WLAVANPSLSAVLDEHLGR.N	23
PSTAT-6456	proteomics_stat	3563192	3563224	-	6	2	R.FTNVTNGVTPR.R	15
PSTAT-6457	proteomics_stat	3563606	3563662	-	6	5	K.IAIHLNDTHPVLSIPEMMR.L	23
PSTAT-6458	proteomics_stat	3563705	3563758	-	6	5	R.LRQEYFLVSSTIQDILSR.H	22
PSTAT-6459	proteomics_stat	3563804	3563866	-	6	2	K.FNQGDYFAAVEDKNHSENVSR.V	25
PSTAT-6460	proteomics_stat	3564059	3564106	-	6	2	K.ESPDYWLEYGNPWEFK.R	20
PSTAT-6461	proteomics_stat	3564170	3564220	-	6	3	R.LAACFLDSLATLGLPGR.G	21
PSTAT-6462	proteomics_stat	3564893	3564931	-	6	2	R.FEPCGLTQLYGLK.Y	17
PSTAT-6463	proteomics_stat	3565157	3565195	-	6	2	K.VDDKVPLFAVVSRL.L	17
PSTAT-6464	proteomics_stat	3565223	3565255	-	6	7	R.DTLEDKAENKR.Q	15
PSTAT-6465	proteomics_stat	3565265	3565303	-	6	2	K.IWSPETDLLLASR.Y	17
PSTAT-6466	proteomics_stat	3565304	3565336	-	6	2	R.LSGVLNGVDEK.I	15
PSTAT-6467	proteomics_stat	3565352	3565405	-	6	4	R.EITEPQFAYGMEGLLQQR.H	22

PSTAT-6468	proteomics_stat	3565406	3565459	-	6	2	K.AGLYYADHITAVSPTYAR.E	22
PSTAT-6469	proteomics_stat	3565880	3565909	-	6	3	R.GVTDAQVVS.R	14
PSTAT-6470	proteomics_stat	3565880	3565912	-	6	3	R.RGVTDQVVS.R	15
PSTAT-6471	proteomics_stat	3565943	3566011	-	6	4	K.TGGLADVIGALPAAQIADGVDAR.V	27
PSTAT-6472	proteomics_stat	3566012	3566056	-	6	11	I.MQVLHVCSEMFPLLK.T	19
PSTAT-6473	proteomics_stat	3566095	3566124	-	5	3	R.SEEGIVLVTR.E	14
PSTAT-6474	proteomics_stat	3566227	3566286	-	5	3	R.VNSFCNIDSAVLLPEVWVGR.S	24
PSTAT-6475	proteomics_stat	3566446	3566496	-	5	4	K.ANLDLASVVPELDMYDR.N	21
PSTAT-6476	proteomics_stat	3566497	3566526	-	5	2	R.DVGTLEAYWK.A	14
PSTAT-6477	proteomics_stat	3566527	3566610	-	5	4	K.ITEAGLAYAHPFLSCVQSDPDAEPYWR.D	32
PSTAT-6478	proteomics_stat	3566875	3566898	-	5	3	R.MLIDHVEK.G	12
PSTAT-6479	proteomics_stat	3566914	3566955	-	5	2	K.AEYVVILAGDHIYK.Q	18
PSTAT-6480	proteomics_stat	3566914	3566961	-	5	7	R.YKAEYVVILAGDHIYK.Q	20
PSTAT-6481	proteomics_stat	3566965	3567006	-	5	2	R.GTADAVTQNLDIIR.R	18
PSTAT-6482	proteomics_stat	3566965	3567009	-	5	2	Y.RGTADAVTQNLDIIR.R	19
PSTAT-6483	proteomics_stat	3567031	3567093	-	5	5	R.GWSFFNEEMNEFVDLLPAQQR.M	25
PSTAT-6484	proteomics_stat	3567094	3567147	-	5	3	R.MGVITQYQSHTLVQHIQR.G	22
PSTAT-6485	proteomics_stat	3567151	3567195	-	5	3	R.IIDFALSNCINSGIR.R	19
PSTAT-6486	proteomics_stat	3567232	3567255	-	5	2	R.LKDLTNKR.A	12
PSTAT-6487	proteomics_stat	3567265	3567294	-	5	4	K.SVALILAGGR.G	14
PSTAT-6488	proteomics_stat	3567310	3567333	-	5	3	K.NDHLMLAR.Q	12
PSTAT-6489	proteomics_stat	3567310	3567348	-	5	2	M.VSLEKNDHLMLAR.Q	17
PSTAT-6490	proteomics_stat	3567999	3568052	-	4	4	R.LPSAAINLVTAHDGFTLR.D	22
PSTAT-6491	proteomics_stat	3568716	3568775	-	4	8	K.QLGITALELLPVAQFASEPR.L	24
PSTAT-6492	proteomics_stat	3568824	3568865	-	4	2	K.GLTYLHPEIPVEIR.G	18
PSTAT-6493	proteomics_stat	3568959	3568982	-	4	2	R.DNAAIAPK.C	12
PSTAT-6494	proteomics_stat	3569247	3569306	-	4	3	L.GAHYDGGQVNFVFLFSAHAER.V	24
PSTAT-6495	proteomics_stat	3569247	3569339	-	4	5	M.TQLAIGKAPLGAHYDGGQVNFVFLFSAHAER.V	35
PSTAT-6496	proteomics_stat	3569540	3569593	-	6	6	R.DKEGNEIIVASNFVPR.H	22
PSTAT-6497	proteomics_stat	3569723	3569797	-	6	3	R.EWNHDASLDWHLLEGGDNWHHGVR.L	29
PSTAT-6498	proteomics_stat	3570236	3570274	-	6	3	R.KEGEWIPNEFGGR.E	17
PSTAT-6499	proteomics_stat	3570338	3570385	-	6	3	R.EVSNFLVGNALYWIER.F	20
PSTAT-6500	proteomics_stat	3570389	3570436	-	6	3	R.EGYHQDWNTLIYNYGR.R	20
PSTAT-6501	proteomics_stat	3570728	3570760	-	6	2	R.HTDNNFWLSYR.E	15
PSTAT-6502	proteomics_stat	3570764	3570820	-	6	2	K.ANQFDAPISIEVHLGSR.R	23
PSTAT-6503	proteomics_stat	3570764	3570823	-	6	4	K.KANQFDAPISIEVHLGSR.R	24
PSTAT-6504	proteomics_stat	3570848	3570919	-	6	3	K.SDPYAFAEQMRPETASLICGLPEK.V	28
PSTAT-6505	proteomics_stat	3570848	3570925	-	6	4	R.LKSDPYAFAEQMRPETASLICGLPEK.V	30
PSTAT-6506	proteomics_stat	3570959	3571018	-	6	4	R.KESGIWELFIPGAHNGQLYK.Y	24
PSTAT-6507	proteomics_stat	3571226	3571282	-	6	3	R.YQLAVVWHGQQNLIDDPYR.F	23
PSTAT-6508	proteomics_stat	3571370	3571414	-	6	5	R.ALLPDATDVWVIEPK.T	19
PSTAT-6509	proteomics_stat	3571439	3571504	-	6	2	R.DVINALIAGHFADPFSVLGMHK.T	26
PSTAT-6510	proteomics_stat	3571819	3571899	-	5	70	K.LNMGPEFLSAFTVGDQLLWGAAEPLRR.M	31
PSTAT-6511	proteomics_stat	3571819	3571902	-	5	23	R.KLNMGPEFLSAFTVGDQLLWGAAEPLRR.M	32
PSTAT-6512	proteomics_stat	3571822	3571869	-	5	4	A.FTVGDQLLWGAAEPLR.R	20
PSTAT-6513	proteomics_stat	3571822	3571875	-	5	3	L.SAFTVGDQLLWGAAEPLR.R	22

PSTAT-6514	proteomics_stat	3571822	3571899	-	5	153	K.LNMGPEFLSAFTVGDQLLWGAAEPLR.R	30
PSTAT-6515	proteomics_stat	3571822	3571902	-	5	4	R.KLNMGPFLSAFTVGDQLLWGAAEPLR.R	31
PSTAT-6516	proteomics_stat	3571909	3571959	-	5	24	R.ELTPAAVTGTLTPVGR.L	21
PSTAT-6517	proteomics_stat	3571993	3572037	-	5	2	I.PTVEELLAHAHPWAK.V	19
PSTAT-6518	proteomics_stat	3571993	3572049	-	5	20	K.DVSIPTVEELLAHAHPWAK.V	23
PSTAT-6519	proteomics_stat	3571993	3572052	-	5	3	K.KDVSIPTVEELLAHAHPWAK.V	24
PSTAT-6520	proteomics_stat	3572059	3572082	-	5	2	C.HSQAFTIK.L	12
PSTAT-6521	proteomics_stat	3572059	3572085	-	5	4	R.CHSQAFTIK.L	13
PSTAT-6522	proteomics_stat	3572101	3572145	-	5	2	I.LNTSSVIPVDGLCVR.V	19
PSTAT-6523	proteomics_stat	3572101	3572148	-	5	9	K.ILNTSSVIPVDGLCVR.V	20
PSTAT-6524	proteomics_stat	3572149	3572181	-	5	15	R.EEWKQGAETNK.I	15
PSTAT-6525	proteomics_stat	3572170	3572205	-	5	2	K.QLDNGQSR.EWK.G	16
PSTAT-6526	proteomics_stat	3572182	3572274	-	5	3	R.SGELPVDNFGVPLAGSLIPWIDKQLDNGQSR.E	35
PSTAT-6527	proteomics_stat	3572206	3572274	-	5	19	R.SGELPVDNFGVPLAGSLIPWIDK.Q	27
PSTAT-6528	proteomics_stat	3572293	3572382	-	5	19	R.ELLTQMGHLYGHVADELATPSSAILDIERK.V	34
PSTAT-6529	proteomics_stat	3572296	3572382	-	5	222	R.ELLTQMGHLYGHVADELATPSSAILDIER.K	33
PSTAT-6530	proteomics_stat	3572347	3572382	-	5	2	R.ELLTQMGHLYGH.V	16
PSTAT-6531	proteomics_stat	3572518	3572565	-	5	8	D.PVNQDVITDGLNNGIR.T	20
PSTAT-6532	proteomics_stat	3572518	3572568	-	5	2	L.DPVNQDVITDGLNNGIR.T	21
PSTAT-6533	proteomics_stat	3572518	3572589	-	5	14	K.DDAIIIILDPVNQDVITDGLNNGIR.T	28
PSTAT-6534	proteomics_stat	3572518	3572595	-	5	48	R.MKDDAIIIILDPVNQDVITDGLNNGIR.T	30
PSTAT-6535	proteomics_stat	3572518	3572598	-	5	4	L.RMKDDAIIIILDPVNQDVITDGLNNGIR.T	31
PSTAT-6536	proteomics_stat	3572596	3572640	-	5	3	E.SGWQGYWIDAASSLR.M	19
PSTAT-6537	proteomics_stat	3572596	3572643	-	5	81	R.ESGWQGYWIDAASSLR.M	20
PSTAT-6538	proteomics_stat	3572596	3572649	-	5	12	K.LRESGWQGYWIDAASSLR.M	22
PSTAT-6539	proteomics_stat	3572650	3572703	-	5	5	L.DIIVTCQGGDYTNEIYPK.L	22
PSTAT-6540	proteomics_stat	3572650	3572709	-	5	13	K.ALDIIVTCQGGDYTNEIYPK.L	24
PSTAT-6541	proteomics_stat	3572710	3572769	-	5	11	A.PSFGTTGTLQDAFDLEALK.A	24
PSTAT-6542	proteomics_stat	3572710	3572796	-	5	2	F.STSQLGQAAPSFSGTTGTLQDAFDLEALK.A	33
PSTAT-6543	proteomics_stat	3572710	3572826	-	5	163	R.DFDAIRPVFFSTSQLGQAAPSFSGTTGTLQDAFDLEALK.A	43
PSTAT-6544	proteomics_stat	3572776	3572826	-	5	2	R.DFDAIRPVFFSTSQLGQ.A	21
PSTAT-6545	proteomics_stat	3572797	3572826	-	5	2	R.DFDAIRPVFF.S	14
PSTAT-6546	proteomics_stat	3572842	3572871	-	5	7	R.GMVGSVLMQR.M	14
PSTAT-6547	proteomics_stat	3575481	3575552	-	4	3	K.SAVASEVAHQLHAAFLDGDGFLHPR.R	28
PSTAT-6548	proteomics_stat	3576294	3576341	-	4	2	K.MIEVAGIPVVELMDSK.S	20
PSTAT-6549	proteomics_stat	3576501	3576557	-	4	7	R.AIGVLLPSLTNQVFAEVL.R.G	23
PSTAT-6550	proteomics_stat	3577126	3577176	-	5	2	R.WALLKDEQSVHQIAAER.R	21
PSTAT-6551	proteomics_stat	3577246	3577269	-	5	4	R.RFDAVQGK.Q	12
PSTAT-6552	proteomics_stat	3577336	3577368	-	5	6	R.HSEYNPSSTER.L	15
PSTAT-6553	proteomics_stat	3577489	3577545	-	5	4	R.VINDDVIEAGQGFTHPHK.D	23
PSTAT-6554	proteomics_stat	3577794	3577835	-	4	2	R.GFEQASPSTVTLAK.-	18
PSTAT-6555	proteomics_stat	3577875	3577928	-	4	5	R.VYDALYQTITHGAPNYVK.E	22
PSTAT-6556	proteomics_stat	3577965	3578054	-	4	3	K.ANIMPGEPGAADDSVGVLEYVNDGVTVR.E	34
PSTAT-6557	proteomics_stat	3578169	3578219	-	4	2	K.ANPDDTFEAQLFYGDLK.A	21
PSTAT-6558	proteomics_stat	3578169	3578225	-	4	2	R.NKANPDDTFEAQLFYGDLK.A	23
PSTAT-6559	proteomics_stat	3578511	3578558	-	4	5	K.NVLVEKPFPTLAQAK.E	20

PSTAT-6560	proteomics_stat	3585642	3585734	-	4	3	R.ELWAGMTPPLSSFEIDALEAAQQAPELPR.G	35
PSTAT-6561	proteomics_stat	3585756	3585821	-	4	4	R.EHGMMANIEIKPTTGTGPLTGK.M	26
PSTAT-6562	proteomics_stat	3585828	3585875	-	4	4	K.MFKGEPLPLLSQVAER.C	20
PSTAT-6563	proteomics_stat	3585903	3585956	-	4	2	R.TSNGWGVAGELNWQDLLR.V	22
PSTAT-6564	proteomics_stat	3585957	3585998	-	4	2	K.DGEIFLLHDDNLER.T	18
PSTAT-6565	proteomics_stat	3586700	3586762	-	6	3	R.AIVRDPVFLFDEPLSNLDAK.L	25
PSTAT-6566	proteomics_stat	3589077	3589112	-	4	4	K.TPQQALDTAVER.G	16
PSTAT-6567	proteomics_stat	3589077	3589115	-	4	7	K.KTPQQALDTAVER.G	17
PSTAT-6568	proteomics_stat	3589113	3589157	-	4	4	R.VIVDEELESVWTGKK.T	19
PSTAT-6569	proteomics_stat	3589191	3589226	-	4	4	R.QMLNKPLPFTK.G	16
PSTAT-6570	proteomics_stat	3589227	3589253	-	4	2	K.NPGADTATR.Q	13
PSTAT-6571	proteomics_stat	3589227	3589274	-	4	4	R.EQGFYEKNPGADTATR.Q	20
PSTAT-6572	proteomics_stat	3589320	3589370	-	4	7	K.FLDFLAKPENAAEWHQK.T	21
PSTAT-6573	proteomics_stat	3589401	3589457	-	4	4	K.DAPQNAIIGGASLWVMQGK.D	23
PSTAT-6574	proteomics_stat	3589458	3589502	-	4	2	K.FNYGVGMMPYDADAK.D	19
PSTAT-6575	proteomics_stat	3589515	3589574	-	4	3	K.FYNGDCAMTTASSGSLANIR.E	24
PSTAT-6576	proteomics_stat	3589596	3589622	-	4	5	K.KGDFSIVVGR.K	13
PSTAT-6577	proteomics_stat	3589620	3589652	-	4	6	K.HIAMLEEMNKK.G	15
PSTAT-6578	proteomics_stat	3589623	3589652	-	4	6	K.HIAMLEEMNK.K	14
PSTAT-6579	proteomics_stat	3589653	3589712	-	4	2	K.NNGFDGTDVLEFNKPEQVK.H	24
PSTAT-6580	proteomics_stat	3589893	3589952	-	4	16	K.TGHLLSQPFNSSTPVLYYNK.D	24
PSTAT-6581	proteomics_stat	3589953	3590021	-	4	5	K.EAGIQFDESQFVPTVSGYSDSK.T	27
PSTAT-6582	proteomics_stat	3590022	3590051	-	4	4	K.AIKPVYDVK.E	14
PSTAT-6583	proteomics_stat	3590052	3590117	-	4	10	R.TGNAPAILQVYEVGTATMMASK.A	26
PSTAT-6584	proteomics_stat	3590118	3590162	-	4	9	K.GNYEQNLSAGIAAFR.T	19
PSTAT-6585	proteomics_stat	3590208	3590279	-	4	4	A.VTTIPFWHSMEGELGKEVDSLQR.F	28
PSTAT-6586	proteomics_stat	3590232	3590279	-	4	4	A.VTTIPFWHSMEGELGK.E	20
PSTAT-6587	proteomics_stat	3590768	3590842	-	6	6	R.GYVLENGHVVLSDTGDALLANEAVR.S	29
PSTAT-6588	proteomics_stat	3591011	3591058	-	6	3	R.AGTMSGGEQQMLAIGR.A	20
PSTAT-6589	proteomics_stat	3591083	3591112	-	6	5	R.IKWVYELFPR.L	14
PSTAT-6590	proteomics_stat	3591194	3591223	-	6	3	R.EAVAIVPEGR.R	14
PSTAT-6591	proteomics_stat	3591233	3591277	-	6	5	R.IVFDDKDITDWQTAQ.I	19
PSTAT-6592	proteomics_stat	3591293	3591328	-	6	2	K.TLLGLTLCGDPR.A	16
PSTAT-6593	proteomics_stat	3591329	3591409	-	6	5	K.IQALHEVSLHINQGEIVTLIGANGAGK.T	31
PSTAT-6594	proteomics_stat	3591783	3591809	-	4	3	R.IGLLEHANR.Q	13
PSTAT-6595	proteomics_stat	3591993	3592034	-	4	6	R.DQHLEGLPGQIAR.M	18
PSTAT-6596	proteomics_stat	3592035	3592097	-	4	5	K.TTVFNCLTFYKPTGGTILLR.D	25
PSTAT-6597	proteomics_stat	3592098	3592187	-	4	10	R.FGGLLAVNNVNLELYPQEIVSLIGPNGAGK.T	34
PSTAT-6598	proteomics_stat	3592598	3592636	-	6	2	R.AWEALREDEIACR.S	17
PSTAT-6599	proteomics_stat	3592750	3592818	-	5	3	R.HSSDSSSAVPLVKAAGTRSVISL.A	27
PSTAT-6600	proteomics_stat	3594477	3594533	-	4	26	K.GDFGVFQWHADGSSTAQ.-	23
PSTAT-6601	proteomics_stat	3594534	3594593	-	4	4	K.ANGANTVIGPLNWDEKGDLLK.G	24
PSTAT-6602	proteomics_stat	3594546	3594593	-	4	2	K.ANGANTVIGPLNWDEK.G	20
PSTAT-6603	proteomics_stat	3594603	3594635	-	4	4	R.TGSDEPLALVK.D	15
PSTAT-6604	proteomics_stat	3594636	3594704	-	4	33	K.DPSGPVWITYAAVQSLATALER.T	27
PSTAT-6605	proteomics_stat	3594636	3594707	-	4	5	K.KDPSGPVWITYAAVQSLATALER.T	28

PSTAT-6606	proteomics_stat	3594636	3594716	-	4	46	K.ADKKDPSPYVWITYAAVQSLATALER.T	31
PSTAT-6607	proteomics_stat	3594705	3594764	-	4	11	K.RYDQDPANQGIVDALKADKK.D	24
PSTAT-6608	proteomics_stat	3594708	3594764	-	4	2	K.RYDQDPANQGIVDALKADK.K	23
PSTAT-6609	proteomics_stat	3594717	3594761	-	4	2	R.YDQDPANQGIVDALK.A	19
PSTAT-6610	proteomics_stat	3594717	3594764	-	4	12	K.RYDQDPANQGIVDALK.A	20
PSTAT-6611	proteomics_stat	3594765	3594857	-	4	16	K.TQFMGPEGVGNASLSNIAGDAAEGMLVTMPK.R	35
PSTAT-6612	proteomics_stat	3594882	3594941	-	4	5	K.ENIDFVYGGYYPENMGQMLR.Q	24
PSTAT-6613	proteomics_stat	3594882	3594944	-	4	3	K.KENIDFVYGGYYPENMGQMLR.Q	25
PSTAT-6614	proteomics_stat	3594882	3594950	-	4	3	R.LKKENIDFVYGGYYPENMGQMLR.Q	27
PSTAT-6615	proteomics_stat	3594951	3595025	-	4	72	K.AANANVFFDGITAGEKDFSALIAR.L	29
PSTAT-6616	proteomics_stat	3594975	3595025	-	4	7	K.AANANVFFDGITAGEK.D	21
PSTAT-6617	proteomics_stat	3595047	3595094	-	4	3	R.IAIIHDKQQYGEGLAR.S	20
PSTAT-6618	proteomics_stat	3595095	3595121	-	4	4	Y.ILETVKPQR.I	13
PSTAT-6619	proteomics_stat	3595095	3595124	-	4	9	K.YILETVKPQR.I	14
PSTAT-6620	proteomics_stat	3595125	3595163	-	4	5	T.AGLDSSQGPTAAK.Y	17
PSTAT-6621	proteomics_stat	3595125	3595166	-	4	13	R.TAGLDSSQGPTAAK.Y	18
PSTAT-6622	proteomics_stat	3595188	3595301	-	4	2	K.YVIGHLCSSSTQPASDIYEDEGILMISPGATNPELTQR.G	42
PSTAT-6623	proteomics_stat	3595323	3595346	-	4	4	K.QAVAVANK.I	12
PSTAT-6624	proteomics_stat	3595323	3595346	-	4	4	K.QAVAVANK.I	12
PSTAT-6625	proteomics_stat	3595347	3595370	-	4	6	E.YDDACDPK.Q	12
PSTAT-6626	proteomics_stat	3595347	3595370	-	4	6	E.YDDACDPK.Q	12
PSTAT-6627	proteomics_stat	3595347	3595382	-	4	2	L.VGVEYDDACDPK.Q	16
PSTAT-6628	proteomics_stat	3595347	3595385	-	4	10	K.LVGVEYDDACDPK.Q	17
PSTAT-6629	proteomics_stat	3595347	3595394	-	4	2	K.GDKLVGVEYDDACDPK.Q	20
PSTAT-6630	proteomics_stat	3595347	3595406	-	4	4	K.GGIKGDKLVGVEYDDACDPK.Q	24
PSTAT-6631	proteomics_stat	3595434	3595502	-	4	14	K.VAVVGAMSGPIAQWGDMEFNAR.Q	27
PSTAT-6632	proteomics_stat	3595434	3595535	-	4	4	A.ISHTAMADDIKVAVVGAMSGPIAQWGDMEFNAR.Q	38
PSTAT-6633	proteomics_stat	3596581	3596637	-	5	59	K.GFEFGVFDWHANGTATDAK.-	23
PSTAT-6634	proteomics_stat	3596581	3596649	-	5	5	K.GDLKGFVFDWHANGTATDAK.-	27
PSTAT-6635	proteomics_stat	3596638	3596697	-	5	4	K.ANSVDTVMGPLTWDEKGLK.G	24
PSTAT-6636	proteomics_stat	3596650	3596697	-	5	11	K.ANSVDTVMGPLTWDEK.G	20
PSTAT-6637	proteomics_stat	3596707	3596757	-	5	4	Q.SLQAGLNQSDDPAEIAK.Y	21
PSTAT-6638	proteomics_stat	3596707	3596769	-	5	3	Y.AALQSLQAGLNQSDDPAEIAK.Y	25
PSTAT-6639	proteomics_stat	3596707	3596805	-	5	37	K.QDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	37
PSTAT-6640	proteomics_stat	3596707	3596808	-	5	302	K.KQDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	38
PSTAT-6641	proteomics_stat	3596707	3596814	-	5	8	K.AKKQDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	40
PSTAT-6642	proteomics_stat	3596770	3596808	-	5	3	K.KQDPSGAFVWTTY.A	17
PSTAT-6643	proteomics_stat	3596809	3596862	-	5	2	K.NYDQVPANKPIVDAIKAK.K	22
PSTAT-6644	proteomics_stat	3596815	3596862	-	5	15	K.NYDQVPANKPIVDAIK.A	20
PSTAT-6645	proteomics_stat	3596863	3596946	-	5	3	F.MGPEGVANVLSNIAGESAEGLLVTKPK.N	32
PSTAT-6646	proteomics_stat	3596863	3596955	-	5	274	K.TQFMGPEGVANVLSNIAGESAEGLLVTKPK.N	35
PSTAT-6647	proteomics_stat	3596977	3597039	-	5	2	K.ENIDFVYGGYHPENMGQILRQ.A	25
PSTAT-6648	proteomics_stat	3596980	3597021	-	5	2	V.YYGGYHPENMGQILR.Q	18
PSTAT-6649	proteomics_stat	3596980	3597039	-	5	24	K.ENIDFVYGGYHPENMGQILR.Q	24
PSTAT-6650	proteomics_stat	3596980	3597042	-	5	8	K.KENIDFVYGGYHPENMGQILR.Q	25
PSTAT-6651	proteomics_stat	3597049	3597072	-	5	3	K.DFSTLVAR.L	12

PSTAT-6652	proteomics_stat	3597049	3597120	-	5	54	K.GNANVVFFDGITAGEKDFSTLVAR.L	28
PSTAT-6653	proteomics_stat	3597049	3597123	-	5	224	K.KGNANVVFFDGITAGEKDFSTLVAR.L	29
PSTAT-6654	proteomics_stat	3597073	3597120	-	5	10	K.GNANVVFFDGITAGEK.D	20
PSTAT-6655	proteomics_stat	3597073	3597123	-	5	32	K.KGNANVVFFDGITAGEK.D	21
PSTAT-6656	proteomics_stat	3597145	3597192	-	5	7	R.IAIVHDKQQYGEGLAR.A	20
PSTAT-6657	proteomics_stat	3597223	3597255	-	5	2	G.LDSDQGPTAAK.Y	15
PSTAT-6658	proteomics_stat	3597223	3597258	-	5	2	T.GLSDSDQGPTAAK.Y	16
PSTAT-6659	proteomics_stat	3597223	3597261	-	5	4	T.TGLSDSDQGPTAAK.Y	17
PSTAT-6660	proteomics_stat	3597223	3597264	-	5	31	R.TTGLSDSDQGPTAAK.Y	18
PSTAT-6661	proteomics_stat	3597265	3597285	-	5	6	R.GYQLILR.T	11
PSTAT-6662	proteomics_stat	3597286	3597363	-	5	2	Q.PASDIYEDEGILMITPAATAPELTAR.G	30
PSTAT-6663	proteomics_stat	3597286	3597384	-	5	4	H.LCSSSTQPASDIYEDEGILMITPAATAPELTAR.G	37
PSTAT-6664	proteomics_stat	3597286	3597399	-	5	33	K.YVIGHLCSSSTQPASDIYEDEGILMITPAATAPELTAR.G	42
PSTAT-6665	proteomics_stat	3597400	3597444	-	5	3	K.QAVAVANKVVNDGIK.Y	19
PSTAT-6666	proteomics_stat	3597421	3597444	-	5	4	K.QAVAVANK.I	12
PSTAT-6667	proteomics_stat	3597421	3597444	-	5	4	K.QAVAVANK.I	12
PSTAT-6668	proteomics_stat	3597445	3597468	-	5	6	E.YDDACDPK.Q	12
PSTAT-6669	proteomics_stat	3597445	3597468	-	5	6	E.YDDACDPK.Q	12
PSTAT-6670	proteomics_stat	3597505	3597540	-	5	2	T.GAEQAVADINAK.G	16
PSTAT-6671	proteomics_stat	3597505	3597579	-	5	3	M.SGPVAQYGDQFTGAEQAVADINAK.G	29
PSTAT-6672	proteomics_stat	3597505	3597600	-	5	45	K.VAVVGAMSGPVAQYGDQFTGAEQAVADINAK.G	36
PSTAT-6673	proteomics_stat	3599573	3599650	-	6	8	R.NWSGGGALDMLEENPLPAVAVVIPK.L	30
PSTAT-6674	proteomics_stat	3599693	3599758	-	6	2	K.TLDDDAAGVVAQLQAEQVVEK.V	26
PSTAT-6675	proteomics_stat	3600105	3600152	-	4	5	R.MLTLSDGHLHGGVGHE.-	20
PSTAT-6676	proteomics_stat	3600165	3600215	-	4	2	R.VGVTVLMATHDINLISR.R	21
PSTAT-6677	proteomics_stat	3600237	3600320	-	4	3	R.AVVNKPAVLLADEPTGNLDDALSEGILR.L	32
PSTAT-6678	proteomics_stat	3600336	3600374	-	4	3	K.NFPIQLSGGEQQR.V	17
PSTAT-6679	proteomics_stat	3600426	3600488	-	4	3	R.TVYDNVIAIPLIAGASGDDIR.R	25
PSTAT-6680	proteomics_stat	3600597	3600632	-	4	2	K.LICGIERPSAGK.I	16
PSTAT-6681	proteomics_stat	3600648	3600725	-	4	9	R.QALQGVTFHMQPGEMAFLTGHSAGK.S	30
PSTAT-6682	proteomics_stat	3600926	3600970	-	6	12	K.LFHEAVGLTGITLTK.L	19
PSTAT-6683	proteomics_stat	3600971	3601051	-	6	7	K.KLDVEAPHEVMLTIDASTGQNAVVSQAK.L	31
PSTAT-6684	proteomics_stat	3601070	3601096	-	6	2	K.SHLMEELKK.I	13
PSTAT-6685	proteomics_stat	3601151	3601228	-	6	5	R.NNIPVIAQHTGADSASVIFDAIQAAK.A	30
PSTAT-6686	proteomics_stat	3601394	3601423	-	6	4	K.VDEPLNVEGK.A	14
PSTAT-6687	proteomics_stat	3601424	3601480	-	6	12	R.DAEALYGLLKEEMGEILAK.V	23
PSTAT-6688	proteomics_stat	3601493	3601528	-	6	4	R.KIITNLTEGASR.K	16
PSTAT-6689	proteomics_stat	3601610	3601651	-	6	13	K.TKENLGSFISLFR.G	18
PSTAT-6690	proteomics_stat	3601940	3602017	-	6	6	K.AQPEAEVVAQPEPVVEETPEPVAIER.E	30
PSTAT-6691	proteomics_stat	3602018	3602128	-	6	5	K.ASEQAVEEQPAHTEAEAEAFADVVVEVTEQVAESEK.A	41
PSTAT-6692	proteomics_stat	3603310	3603369	-	5	2	R.LDAQQYHALTVGDKGTLSTYK.G	24
PSTAT-6693	proteomics_stat	3603328	3603369	-	5	2	R.LDAQQYHALTVGDK.G	18
PSTAT-6694	proteomics_stat	3603370	3603420	-	5	2	R.YEASFQKQSGGMEQTFR.L	21
PSTAT-6695	proteomics_stat	3606966	3607016	-	4	2	M.TDLFSSPDHTLDALGLR.C	21
PSTAT-6696	proteomics_stat	3624946	3624993	-	5	2	R.WIGEVYPTSHFLTIAR.G	20
PSTAT-6697	proteomics_stat	3625498	3625548	-	5	3	K.GYVQAMHQSWLQDVASR.Q	21



PSTAT-6698	proteomics_stat	3627570	3627611	-	4	2	R.VNEELPWPDDLVR.L	18
PSTAT-6699	proteomics_stat	3627642	3627683	-	4	2	R.IPELLQQHLEYVK.T	18
PSTAT-6700	proteomics_stat	3627738	3627788	-	4	4	R.IPATISFVASVAQFTP.K.T	21
PSTAT-6701	proteomics_stat	3627837	3627911	-	4	11	R.VLNMVLDSDVYMTFFLPTEQAGTLK.L	29
PSTAT-6702	proteomics_stat	3627972	3628013	-	4	3	R.IAADIDDSELKAPR.D	18
PSTAT-6703	proteomics_stat	3627972	3628016	-	4	2	R.RIAADIDDSELKAPR.D	19
PSTAT-6704	proteomics_stat	3628017	3628043	-	4	4	R.VEAAQATER.R	13
PSTAT-6705	proteomics_stat	3628134	3628190	-	4	2	R.GAISAQQLDDRAAAESAR.A	23
PSTAT-6706	proteomics_stat	3628251	3628277	-	4	6	R.AAQSLVNQR.Q	13
PSTAT-6707	proteomics_stat	3628293	3628340	-	4	2	K.EAQSAVAAAQALLEQR.Q	20
PSTAT-6708	proteomics_stat	3628467	3628499	-	4	2	R.IEATEVDIASK.I	15
PSTAT-6709	proteomics_stat	3630524	3630607	-	6	2	K.IGTVAGTNDSTTTIATNDMVMQEHVTNFT.K	32
PSTAT-6710	proteomics_stat	3641166	3641210	-	4	2	R.EPQLDAMLEHYGIK.G.-	19
PSTAT-6711	proteomics_stat	3641166	3641216	-	4	9	R.GREPQLDAMLEHYGIK.G.-	21
PSTAT-6712	proteomics_stat	3641169	3641216	-	4	3	R.GREPQLDAMLEHYGIK.G	20
PSTAT-6713	proteomics_stat	3641259	3641297	-	4	2	R.ETGQSFLDNILSR.G	17
PSTAT-6714	proteomics_stat	3641994	3642029	-	4	2	R.FFELYDENNELR.G	16
PSTAT-6715	proteomics_stat	3642123	3642179	-	4	4	K.QHLYSISDEQLRPYFPENK.A	23
PSTAT-6716	proteomics_stat	3642186	3642242	-	4	2	K.AEFGVDELQPWDIAYYSEK.Q	23
PSTAT-6717	proteomics_stat	3642255	3642293	-	4	4	R.ARPQGEKELAQLR.A	17
PSTAT-6718	proteomics_stat	3642297	3642347	-	4	12	K.MAENPQQVLDFLDLAK.R	21
PSTAT-6719	proteomics_stat	3642363	3642407	-	4	15	R.HELAAQLLGFENYAFK.S	19
PSTAT-6720	proteomics_stat	3642435	3642479	-	4	4	R.ASDQGPNGKWDNSK.V	19
PSTAT-6721	proteomics_stat	3642510	3642590	-	4	2	K.ELEGYLLTLDIPSYLPVMTYCDNQALR.E	31
PSTAT-6722	proteomics_stat	3642609	3642668	-	4	2	K.LVTDEAELAGMPESALAAK.A	24
PSTAT-6723	proteomics_stat	3642669	3642731	-	4	3	R.LSELGNQYSNNVLDATMGWTK.L	25
PSTAT-6724	proteomics_stat	3642768	3642800	-	4	3	R.DFELSGIGLPK.E	15
PSTAT-6725	proteomics_stat	3642768	3642821	-	4	4	K.AVDNALRDFELSGIGLPK.E	22
PSTAT-6726	proteomics_stat	3642768	3642824	-	4	4	K.KAVDNALRDFELSGIGLPK.E	23
PSTAT-6727	proteomics_stat	3642801	3642824	-	4	3	K.KAVDNALR.D	12
PSTAT-6728	proteomics_stat	3642822	3642863	-	4	5	R.DGDHYATLNTAQKK.A	18
PSTAT-6729	proteomics_stat	3642825	3642863	-	4	3	R.DGDHYATLNTAQK.K	17
PSTAT-6730	proteomics_stat	3642825	3642872	-	4	2	R.DLRDGDHYATLNTAQK.K	20
PSTAT-6731	proteomics_stat	3642882	3642956	-	4	5	R.EAYEQTLPLLSEYSTWVGQHEGLYK.A	29
PSTAT-6732	proteomics_stat	3642975	3643010	-	4	5	R.IFSPVSHLNSVK.N	16
PSTAT-6733	proteomics_stat	3643011	3643088	-	4	5	R.VVAQGAPYTWENLCQPLAEVDDVLR.I	30
PSTAT-6734	proteomics_stat	3643122	3643157	-	4	10	K.ILPEHVVPVTK.A	16
PSTAT-6735	proteomics_stat	3643158	3643202	-	4	8	M.TNPLLPFELPPFSK.I	19
PSTAT-6736	proteomics_stat	3643158	3643205	-	4	4	R.MTNPLLPFELPPFSK.I	20
PSTAT-6737	proteomics_stat	3654019	3654036	-	5	3	K.NLYTFK.N	10
PSTAT-6738	proteomics_stat	3654070	3654120	-	5	19	K.GGDTVTLNETDLTQIPK.V	21
PSTAT-6739	proteomics_stat	3654070	3654171	-	5	3	K.AMTPVAWWMLHEETVYKGGDTVTLNETDLTQIPK.V	38
PSTAT-6740	proteomics_stat	3654121	3654165	-	5	5	M.TPVAAWWMLHEETVYK.G	19
PSTAT-6741	proteomics_stat	3654121	3654168	-	5	3	A.MTPVAWWMLHEETVYK.G	20
PSTAT-6742	proteomics_stat	3654121	3654171	-	5	208	K.AMTPVAWWMLHEETVYK.G	21
PSTAT-6743	proteomics_stat	3654172	3654210	-	5	31	K.DMTCQEFIDLNP.K.A	17

PSTAT-6744	proteomics_stat	3654449	3654469	-	6	7	K.VKGEWDK.I	11
PSTAT-6745	proteomics_stat	3654449	3654475	-	6	6	K.DKVKGEWDK.I	13
PSTAT-6746	proteomics_stat	3654476	3654502	-	6	2	C.TQDKQANFK.D	13
PSTAT-6747	proteomics_stat	3654491	3654574	-	6	142	K.DKPEDAVLDVQGIATVTPAIVQACTQDK.Q	32
PSTAT-6748	proteomics_stat	3654503	3654574	-	6	5	K.DKPEDAVLDVQGIATVTPAIVQAC.T	28
PSTAT-6749	proteomics_stat	3654575	3654670	-	6	82	K.KPVNSWTCEDFLAVDESFPQPTAVGFAEALNNK.D	36
PSTAT-6750	proteomics_stat	3654575	3654685	-	6	59	K.AADNKKPVNSWTCEDFLAVDESFPQPTAVGFAEALNNK.D	41
PSTAT-6751	proteomics_stat	3664212	3664241	-	4	3	L.QGIAQQNSFK.H	14
PSTAT-6752	proteomics_stat	3664212	3664241	-	4	3	L.QGIAQQNSFK.H	14
PSTAT-6753	proteomics_stat	3664212	3664244	-	4	9	K.LQGIAQQNSFK.H	15
PSTAT-6754	proteomics_stat	3664212	3664244	-	4	9	K.LQGIAQQNSFK.H	15
PSTAT-6755	proteomics_stat	3664278	3664322	-	4	45	R.GFEMDFAELLELEDYK.A	19
PSTAT-6756	proteomics_stat	3664278	3664322	-	4	45	R.GFEMDFAELLELEDYK.A	19
PSTAT-6757	proteomics_stat	3664278	3664325	-	4	96	R.RGFEMDFAELLELEDYK.A	20
PSTAT-6758	proteomics_stat	3664278	3664325	-	4	96	R.RGFEMDFAELLELEDYK.A	20
PSTAT-6759	proteomics_stat	3664338	3664397	-	4	364	R.GWQVPAFTLGGEATDIVVMR.I	24
PSTAT-6760	proteomics_stat	3664338	3664397	-	4	364	R.GWQVPAFTLGGEATDIVVMR.I	24
PSTAT-6761	proteomics_stat	3664410	3664454	-	4	11	K.DGEDPGYTLYDLSER.L	19
PSTAT-6762	proteomics_stat	3664410	3664454	-	4	11	K.DGEDPGYTLYDLSER.L	19
PSTAT-6763	proteomics_stat	3664410	3664460	-	4	8	K.LKDGEDPGYTLYDLSER.L	21
PSTAT-6764	proteomics_stat	3664410	3664460	-	4	8	K.LKDGEDPGYTLYDLSER.L	21
PSTAT-6765	proteomics_stat	3664461	3664526	-	4	3	K.LGPYEFICTGRPDEGIPAVCFK.L	26
PSTAT-6766	proteomics_stat	3664461	3664526	-	4	3	K.LGPYEFICTGRPDEGIPAVCFK.L	26
PSTAT-6767	proteomics_stat	3664527	3664580	-	4	90	K.VQNASYQVAAYLADEIAK.L	22
PSTAT-6768	proteomics_stat	3664527	3664580	-	4	90	K.VQNASYQVAAYLADEIAK.L	22
PSTAT-6769	proteomics_stat	3664605	3664646	-	4	19	R.PAGQVIAQYEFRL.L	18
PSTAT-6770	proteomics_stat	3664605	3664646	-	4	19	R.PAGQVIAQYEFRL.L	18
PSTAT-6771	proteomics_stat	3664734	3664775	-	4	2	K.FGLAPLGCWVIWR.D	18
PSTAT-6772	proteomics_stat	3664734	3664775	-	4	2	K.FGLAPLGCWVIWR.D	18
PSTAT-6773	proteomics_stat	3665070	3665090	-	4	3	R.YWDVELR.E	11
PSTAT-6774	proteomics_stat	3665070	3665090	-	4	3	R.YWDVELR.E	11
PSTAT-6775	proteomics_stat	3665100	3665171	-	4	4	R.MEAAGKPTDKPNLVCGPVQICWHK.F	28
PSTAT-6776	proteomics_stat	3665100	3665171	-	4	4	R.MEAAGKPTDKPNLVCGPVQICWHK.F	28
PSTAT-6777	proteomics_stat	3665100	3665174	-	4	2	K.RMEAAGKPTDKPNLVCGPVQICWHK.F	29
PSTAT-6778	proteomics_stat	3665100	3665174	-	4	2	K.RMEAAGKPTDKPNLVCGPVQICWHK.F	29
PSTAT-6779	proteomics_stat	3665190	3665261	-	4	8	K.NGQAVGTNTIGSSEACMLGGMAMK.W	28
PSTAT-6780	proteomics_stat	3665190	3665261	-	4	8	K.NGQAVGTNTIGSSEACMLGGMAMK.W	28
PSTAT-6781	proteomics_stat	3665262	3665306	-	4	17	R.CVNMVADLWHAPAPK.N	19
PSTAT-6782	proteomics_stat	3665262	3665306	-	4	17	R.CVNMVADLWHAPAPK.N	19
PSTAT-6783	proteomics_stat	3665262	3665330	-	4	3	P.QSAAIDLRCVNMVADLWHAPAPK.N	27
PSTAT-6784	proteomics_stat	3665262	3665330	-	4	3	P.QSAAIDLRCVNMVADLWHAPAPK.N	27
PSTAT-6785	proteomics_stat	3665307	3665357	-	4	13	K.NWIDKEEYPQSAIDL.R.C	21
PSTAT-6786	proteomics_stat	3665307	3665357	-	4	13	K.NWIDKEEYPQSAIDL.R.C	21
PSTAT-6787	proteomics_stat	3665307	3665381	-	4	4	K.LMDLSINKNWIDKEEYPQSAIDL.R.C	29
PSTAT-6788	proteomics_stat	3665307	3665381	-	4	4	K.LMDLSINKNWIDKEEYPQSAIDL.R.C	29
PSTAT-6789	proteomics_stat	3665358	3665381	-	4	2	K.LMDLSINK.N	12

PSTAT-6790	proteomics_stat	3665358	3665381	-	4	2	K.LMDLSINK.N	12
PSTAT-6791	proteomics_stat	3665382	3665432	-	4	10	R.QNLATFCQTWDDENVHK.L	21
PSTAT-6792	proteomics_stat	3665382	3665432	-	4	10	R.QNLATFCQTWDDENVHK.L	21
PSTAT-6793	proteomics_stat	3665433	3665489	-	4	103	R.DDVAFQIINDELYLDGNAR.Q	23
PSTAT-6794	proteomics_stat	3665433	3665489	-	4	103	R.DDVAFQIINDELYLDGNAR.Q	23
PSTAT-6795	proteomics_stat	3665433	3665510	-	4	7	R.FPLHEMRDDVAFQIINDELYLDGNAR.Q	30
PSTAT-6796	proteomics_stat	3665433	3665510	-	4	7	R.FPLHEMRDDVAFQIINDELYLDGNAR.Q	30
PSTAT-6797	proteomics_stat	3665490	3665510	-	4	3	R.FPLHEMR.D	11
PSTAT-6798	proteomics_stat	3665490	3665510	-	4	3	R.FPLHEMR.D	11
PSTAT-6799	proteomics_stat	3665514	3665540	-	4	2	K.AISTIAESK.R	13
PSTAT-6800	proteomics_stat	3675444	3675527	-	4	3	K.FSGDSLGLDYELTGVLPPDTPPFETDGR.L	32
PSTAT-6801	proteomics_stat	3675762	3675830	-	4	3	K.ADLEIFVDPLGKPLPFSEVTGSK.G	27
PSTAT-6802	proteomics_stat	3675888	3675965	-	4	3	K.NNNWTFNLANDDNKDNANAKPSAWSFR.L	30
PSTAT-6803	proteomics_stat	3678707	3678754	-	6	2	R.SLQNVVVDIAPEQYQK.L	20
PSTAT-6804	proteomics_stat	3678827	3678901	-	6	3	V.ARELAKVRDKGLPEEFNALVAQKK.L	29
PSTAT-6805	proteomics_stat	3678896	3678964	-	6	3	R.AQCAINIESPNDKLNLSNLNVAR.E	27
PSTAT-6806	proteomics_stat	3679103	3679141	-	6	2	R.LSIMWDTPWQPIR.E	17
PSTAT-6807	proteomics_stat	3679352	3679420	-	6	6	R.LKGSLLGHDPADPLKQPVEAEK.I	27
PSTAT-6808	proteomics_stat	3679442	3679519	-	6	2	K.LTITPETINHALQSQDMVATWPADTK.E	30
PSTAT-6809	proteomics_stat	3679715	3679783	-	6	3	R.LLVNTGSLAESTQQSGYSHAIPR.I	27
PSTAT-6810	proteomics_stat	3680220	3680246	-	4	7	K.KLDDVLNNR.A	13
PSTAT-6811	proteomics_stat	3682910	3682942	-	6	3	R.HYEEQENAMR.F	15
PSTAT-6812	proteomics_stat	3699890	3699949	-	6	3	K.DYGGQLVACFAVDQDENPQR.-	24
PSTAT-6813	proteomics_stat	3700091	3700129	-	6	8	R.HPYTQALLSATPR.L	17
PSTAT-6814	proteomics_stat	3700130	3700162	-	6	2	K.GTKDQIFNNPR.H	15
PSTAT-6815	proteomics_stat	3700301	3700369	-	6	2	R.GLMLDPDVVIADPEVVSALDVSVR.A	27
PSTAT-6816	proteomics_stat	3700490	3700540	-	6	3	K.VGQILEEPLLINTSLSK.E	21
PSTAT-6817	proteomics_stat	3700490	3700543	-	6	3	K.KVGQILEEPLLINTSLSK.E	22
PSTAT-6818	proteomics_stat	3700490	3700546	-	6	3	R.KKVGQILEEPLLINTSLSK.E	23
PSTAT-6819	proteomics_stat	3700547	3700591	-	6	5	K.IQIVFQNPYGS LNPR.K	19
PSTAT-6820	proteomics_stat	3700628	3700693	-	6	2	R.LLTMIEMPTGGELYQQDLLK.H	26
PSTAT-6821	proteomics_stat	3701005	3701040	-	5	5	K.YDRPNGCLLNPR.C	16
PSTAT-6822	proteomics_stat	3701074	3701106	-	5	2	R.ALPEFAQDKER.L	15
PSTAT-6823	proteomics_stat	3701389	3701433	-	5	4	R.LDVYPHQLSGGMSQR.V	19
PSTAT-6824	proteomics_stat	3701434	3701481	-	5	2	R.AIDLLNQVGIPDPASR.L	20
PSTAT-6825	proteomics_stat	3701686	3701733	-	5	2	K.SVSSLAIMGLIDYPGR.V	20
PSTAT-6826	proteomics_stat	3701734	3701778	-	5	2	K.QGEVVGIVGESGSGK.S	19
PSTAT-6827	proteomics_stat	3703529	3703564	-	6	3	K.SRIPVWEEFVPR.F	16
PSTAT-6828	proteomics_stat	3704124	3704177	-	4	2	K.GYVVDPLGKHHFENVISIE.-	22
PSTAT-6829	proteomics_stat	3704151	3704177	-	4	4	K.GYVVDPLGK.H	13
PSTAT-6830	proteomics_stat	3704187	3704264	-	4	67	K.QAQVMHDQAPALIAHSTVFEPVRK.E	30
PSTAT-6831	proteomics_stat	3704190	3704264	-	4	18	K.QAQVMHDQAPALIAHSTVFEPVR.K	29
PSTAT-6832	proteomics_stat	3704214	3704264	-	4	3	K.QAQVMHDQAPALIAH.S	21
PSTAT-6833	proteomics_stat	3704304	3704345	-	4	23	K.WCYKPFEDLIQPAR.A	18
PSTAT-6834	proteomics_stat	3704469	3704504	-	4	4	K.IVTYEWGEYLKR.A	16
PSTAT-6835	proteomics_stat	3704472	3704504	-	4	6	K.IVTYEWGEYLK.R	15

PSTAT-6836	proteomics_stat	3704523	3704555	-	4	3	R.MAEMIQADWAK.V	15
PSTAT-6837	proteomics_stat	3704559	3704618	-	4	4	K.GFSIDLWAMPVQRPYNPNAR.R	24
PSTAT-6838	proteomics_stat	3704655	3704723	-	4	9	K.NLIPPTMWGYNDDVQDYTYDPEK.A	27
PSTAT-6839	proteomics_stat	3704724	3704753	-	4	2	A.VYQGAGVSAK.N	14
PSTAT-6840	proteomics_stat	3704724	3704756	-	4	9	K.AVYQGAGVSAK.N	15
PSTAT-6841	proteomics_stat	3704757	3704798	-	4	5	R.QALTYAVNKDAIIK.A	18
PSTAT-6842	proteomics_stat	3704772	3704798	-	4	4	R.QALTYAVNK.D	13
PSTAT-6843	proteomics_stat	3704805	3704825	-	4	6	K.KPLDDVK.V	11
PSTAT-6844	proteomics_stat	3704826	3704888	-	4	25	K.SINLMEMPGLNVGYLSYNVQK.K	25
PSTAT-6845	proteomics_stat	3704904	3704951	-	4	7	K.NECQVMPYPNPADIAR.M	20
PSTAT-6846	proteomics_stat	3704904	3704960	-	4	6	K.LQKNECQVMPYPNPADIAR.M	23
PSTAT-6847	proteomics_stat	3704970	3705047	-	4	40	K.AFDGYWGTPKQIDTLVFSITPDASVR.Y	30
PSTAT-6848	proteomics_stat	3704970	3705053	-	4	3	R.YKAFDGYWGTPKQIDTLVFSITPDASVR.Y	32
PSTAT-6849	proteomics_stat	3705069	3705122	-	4	5	K.LDLNPIGTGPFQLQYQK.D	22
PSTAT-6850	proteomics_stat	3705069	3705140	-	4	39	K.AGTPEKLDLNPIGTGPFQLQYQK.D	28
PSTAT-6851	proteomics_stat	3705141	3705164	-	4	5	K.EYADAMMK.A	12
PSTAT-6852	proteomics_stat	3705165	3705221	-	4	2	R.PEAPFLADLAMDFASILSK.E	23
PSTAT-6853	proteomics_stat	3705165	3705257	-	4	5	K.VDDNTVQFVLRPEAPFLADLAMDFASILSK.E	35
PSTAT-6854	proteomics_stat	3705165	3705260	-	4	14	K.KVDDNTVQFVLRPEAPFLADLAMDFASILSK.E	36
PSTAT-6855	proteomics_stat	3705258	3705326	-	4	2	K.VSGGSYEYFEGMGLPELISEVKK.V	27
PSTAT-6856	proteomics_stat	3705261	3705326	-	4	15	K.VSGGSYEYFEGMGLPELISEVK.K	26
PSTAT-6857	proteomics_stat	3705261	3705329	-	4	2	H.KVSGGSYEYFEGMGLPELISEVK.K	27
PSTAT-6858	proteomics_stat	3705354	3705395	-	4	2	R.ELNADDVVFSDRQ.K	18
PSTAT-6859	proteomics_stat	3705357	3705395	-	4	8	R.ELNADDVVFSDRQ.Q	17
PSTAT-6860	proteomics_stat	3705462	3705485	-	4	4	K.WEVSEDGK.T	12
PSTAT-6861	proteomics_stat	3705462	3705524	-	4	4	K.IGTTEVIPGLAEKWEVSEDGK.T	25
PSTAT-6862	proteomics_stat	3705486	3705524	-	4	7	K.IGTTEVIPGLAEK.W	17
PSTAT-6863	proteomics_stat	3705540	3705590	-	4	4	L.FTSGTTYDASSVPLYNR.L	21
PSTAT-6864	proteomics_stat	3705540	3705644	-	4	6	A.KTLVYCSEGSPEGFNPQLFTSGTTYDASSVPLYNR.L	39
PSTAT-6865	proteomics_stat	3707140	3707217	-	5	3	K.AQMINSYDNSVTYVDHFISSVIDQVR.D	30
PSTAT-6866	proteomics_stat	3712786	3712827	-	5	2	K.SELQWLETFFYNVAR.Q	18
PSTAT-6867	proteomics_stat	3713170	3713226	-	5	2	R.IVEALENPGGAYQHNGMNR.H	23
PSTAT-6868	proteomics_stat	3714187	3714228	-	5	2	R.KGFLASPENPQGIR.G	18
PSTAT-6869	proteomics_stat	3716360	3716431	-	6	8	K.LIAPLPAQHQAQFNQAWTTAVTATQ.-	28
PSTAT-6870	proteomics_stat	3716603	3716647	-	6	2	K.QSDDLKPVFDQAFTK.V	19
PSTAT-6871	proteomics_stat	3716648	3716680	-	6	17	K.LQADAAHSALK.Q	15
PSTAT-6872	proteomics_stat	3716681	3716731	-	6	6	R.EMNGSLGVLAQQLQNAK.L	21
PSTAT-6873	proteomics_stat	3716732	3716770	-	6	6	R.VPQDYVTQSGPLR.E	17
PSTAT-6874	proteomics_stat	3716771	3716884	-	6	10	K.QFGPFVSDYAILYGYSQQVNVQAMDSGLRPVVDVSVNAIR.V	42
PSTAT-6875	proteomics_stat	3716801	3716884	-	6	4	K.QFGPFVSDYAILYGYSQQVNVQAMDSGLR.P	32
PSTAT-6876	proteomics_stat	3716885	3716914	-	6	6	R.LPTLTADQKK.Q	14
PSTAT-6877	proteomics_stat	3716885	3716926	-	6	2	R.SGERLPTLTADQKK.Q	18
PSTAT-6878	proteomics_stat	3716927	3716962	-	6	2	K.AFIDFLQNTVMR.S	16
PSTAT-6879	proteomics_stat	3716927	3716965	-	6	8	R.KAFIDFLQNTVMR.S	17
PSTAT-6880	proteomics_stat	3720426	3720458	-	4	4	K.VMVMVDDKELR.I	15
PSTAT-6881	proteomics_stat	3720459	3720521	-	4	10	R.YQDALVELAELREPVDAFFDK.V	25

PSTAT-6882	proteomics_stat	3720486	3720521	-	4	2	R.YQDALVELAELR.E	16
PSTAT-6883	proteomics_stat	3720522	3720554	-	4	2	R.DKLEPYFTEGR.Y	15
PSTAT-6884	proteomics_stat	3720582	3720620	-	4	13	R.VNASTLKEPEEIK.L	17
PSTAT-6885	proteomics_stat	3720582	3720644	-	4	2	K.SDEVLSDRVNASTLKEPEEIK.L	25
PSTAT-6886	proteomics_stat	3720621	3720644	-	4	3	K.SDEVLSDR.V	12
PSTAT-6887	proteomics_stat	3720666	3720707	-	4	4	R.TLDAALAAANKR.V	18
PSTAT-6888	proteomics_stat	3720732	3720764	-	4	2	R.RPTRPADFDAR.M	15
PSTAT-6889	proteomics_stat	3720765	3720821	-	4	5	R.AWYQDEGYVDTIQAVLAR.R	23
PSTAT-6890	proteomics_stat	3720828	3720878	-	4	47	K.LTNANVVDDVIDFMLGR.F	21
PSTAT-6891	proteomics_stat	3720828	3720881	-	4	2	D.KLTNANVVDDVIDFMLGR.F	22
PSTAT-6892	proteomics_stat	3720828	3720893	-	4	32	R.LYGDKLTNANVVDDVIDFMLGR.F	26
PSTAT-6893	proteomics_stat	3720894	3720938	-	4	9	K.NLNLDLQTLTEEAVR.L	19
PSTAT-6894	proteomics_stat	3721005	3721049	-	4	7	K.MDTLAGIFGIGQHPK.G	19
PSTAT-6895	proteomics_stat	3721005	3721109	-	4	21	R.FAGDDLPSNPVACALAIADKMDTLGIFGIGQHPK.G	39
PSTAT-6896	proteomics_stat	3721050	3721109	-	4	7	R.FAGDDLPSNPVACALAIADK.M	24
PSTAT-6897	proteomics_stat	3721110	3721166	-	4	4	R.HDGEAEDVAVALNEQYQPR.F	23
PSTAT-6898	proteomics_stat	3721257	3721319	-	4	6	R.IQALAGWIAEQIGADVNHATR.A	25
PSTAT-6899	proteomics_stat	3721335	3721376	-	4	9	R.LQTVLFQQQLGLTR.D	18
PSTAT-6900	proteomics_stat	3721377	3721400	-	4	7	K.RLEDNLPR.L	12
PSTAT-6901	proteomics_stat	3721458	3721490	-	4	5	K.DPQQIISGNEK.V	15
PSTAT-6902	proteomics_stat	3721458	3721532	-	4	20	K.LLPNFIFVANIESKDPQQIISGNEK.V	29
PSTAT-6903	proteomics_stat	3721575	3721616	-	4	3	K.FLAVPAEALVYTMK.G	18
PSTAT-6904	proteomics_stat	3721716	3721745	-	4	11	K.IKADAEEAAR.K	14
PSTAT-6905	proteomics_stat	3721755	3721778	-	4	3	K.VIADYEER.K	12
PSTAT-6906	proteomics_stat	3721755	3721784	-	4	4	R.GKVIADYEER.K	14
PSTAT-6907	proteomics_stat	3721791	3721850	-	4	4	R.FMGEPEFTIDNADQYPEILR.E	24
PSTAT-6908	proteomics_stat	3721869	3721907	-	4	2	K.VIPATILGIQSDR.V	17
PSTAT-6909	proteomics_stat	3721908	3721973	-	4	2	R.WGASDVHFVRPVHTVTLGLGDK.V	26
PSTAT-6910	proteomics_stat	3721998	3722051	-	4	4	K.GESTEALLPNMVATSLAK.L	22
PSTAT-6911	proteomics_stat	3722064	3722096	-	4	4	L.TTDKGEWLLYR.A	15
PSTAT-6912	proteomics_stat	3722064	3722099	-	4	5	R.LTTDKGEWLLYR.A	16
PSTAT-6913	proteomics_stat	3722100	3722132	-	4	2	R.GCGITVDQAER.L	15
PSTAT-6914	proteomics_stat	3722154	3722201	-	4	4	R.GPAIAQAFDAEGKPSK.A	20
PSTAT-6915	proteomics_stat	3722154	3722204	-	4	3	K.RGPAIAQAFDAEGKPSK.A	21
PSTAT-6916	proteomics_stat	3722202	3722249	-	4	7	K.VANLAEQPDREIEKR.G	20
PSTAT-6917	proteomics_stat	3722205	3722249	-	4	6	K.VANLAEQPDREIEK.R	19
PSTAT-6918	proteomics_stat	3722217	3722249	-	4	4	K.VANLAEQPDREIEK.E	15
PSTAT-6919	proteomics_stat	3722265	3722357	-	4	156	R.SLAESFAANFTAELDNAGLAHGTVQWFAAPR.R	35
PSTAT-6920	proteomics_stat	3722367	3722408	-	4	2	K.TFLVEIGTEELPPK.A	18
PSTAT-6921	proteomics_stat	3722469	3722498	-	4	2	K.AVAEAYASR.E	14
PSTAT-6922	proteomics_stat	3722559	3722591	-	4	6	K.AAHSFNLLDAR.K	15
PSTAT-6923	proteomics_stat	3722601	3722657	-	4	5	K.EAQQLLALENPLPLPAYER.I	23
PSTAT-6924	proteomics_stat	3722997	3723032	-	4	2	K.ELGMDPTIHDR.F	16
PSTAT-6925	proteomics_stat	3723033	3723113	-	4	12	R.LQHYYQFQVVIKPSPDNIQELYLGLSK.E	31
PSTAT-6926	proteomics_stat	3723153	3723200	-	4	8	R.ELGPEPMAAAYVQPSR.R	20
PSTAT-6927	proteomics_stat	3723276	3723320	-	4	14	R.TFQGLILTLQDYWAR.Q	19

PSTAT-6928	proteomics_stat	3726423	3726485	-	4	2	K.LTGLSNVPALIAAAQQADESA.E	25
PSTAT-6929	proteomics_stat	3726741	3726806	-	4	2	R.DQMPALYEGSEITGALLPEVAK.A	26
PSTAT-6930	proteomics_stat	3727002	3727046	-	4	2	R.VITGNLMMPGFTAPK.L	19
PSTAT-6931	proteomics_stat	3728252	3728341	-	6	2	R.YGAGAATNPDPEVFSWAATQVV TAMEATHK.L	34
PSTAT-6932	proteomics_stat	3739941	3739991	-	4	2	R.NTITELPAMFDELAHIR.E	21
PSTAT-6933	proteomics_stat	3740073	3740120	-	4	2	R.AYIGQHMPLYCSAMGK.I	20
PSTAT-6934	proteomics_stat	3753041	3753064	-	6	2	M.LEHYQGTK.C	12
PSTAT-6935	proteomics_stat	3753041	3753067	-	6	3	M.MLEHYQGTK.C	13
PSTAT-6936	proteomics_stat	3753041	3753070	-	6	7	K.MMLEHYQGTK.C	14
PSTAT-6937	proteomics_stat	3753206	3753274	-	6	5	K.TMEEALELANDTQYGLGAGVWSR.N	27
PSTAT-6938	proteomics_stat	3753275	3753325	-	6	21	R.VFQEEIFGPVLAVTTFK.T	21
PSTAT-6939	proteomics_stat	3753326	3753376	-	6	5	K.DGYYLEPTILFGQNNMR.V	21
PSTAT-6940	proteomics_stat	3753326	3753397	-	6	4	K.LLEGELKDGYYLEPTILFGQNNMR.V	28
PSTAT-6941	proteomics_stat	3753326	3753400	-	6	4	R.KLLEGELKDGYYLEPTILFGQNNMR.V	29
PSTAT-6942	proteomics_stat	3753404	3753433	-	6	3	K.EGADVLTGGR.R	14
PSTAT-6943	proteomics_stat	3753434	3753529	-	6	24	R.SGNPLDSVTQMGAQVSHGQLETILNYIDIGKK.E	36
PSTAT-6944	proteomics_stat	3753437	3753529	-	6	8	R.SGNPLDSVTQMGAQVSHGQLETILNYIDIGK.K	35
PSTAT-6945	proteomics_stat	3753569	3753598	-	6	2	R.ALVQESIYER.F	14
PSTAT-6946	proteomics_stat	3753719	3753748	-	6	2	I.IPVTELEGGK.S	14
PSTAT-6947	proteomics_stat	3753719	3753811	-	6	9	K.VAFTGSTEVGQQIMQYATQNIIPVTELEGGK.S	35
PSTAT-6948	proteomics_stat	3754139	3754183	-	6	2	R.ETSAADVPLAIDHFR.Y	19
PSTAT-6949	proteomics_stat	3754184	3754246	-	6	9	R.MEQNLELLATAETWDNGKPIR.E	25
PSTAT-6950	proteomics_stat	3754184	3754258	-	6	3	K.IADRMEQNLELLATAETWDNGKPIR.E	29
PSTAT-6951	proteomics_stat	3754319	3754348	-	6	5	R.DIDLALDAAH.K	14
PSTAT-6952	proteomics_stat	3754349	3754468	-	6	2	K.ARYDNFIGGEWVAPADGEYYQNLTPVTGQLLCEVASSGK.R	44
PSTAT-6953	proteomics_stat	3754352	3754462	-	6	3	R.YDNFIGGEWVAPADGEYYQNLTPVTGQLLCEVASSGK.R	41
PSTAT-6954	proteomics_stat	3754475	3754531	-	6	4	M.TNNPPSAQIKPGEYGFPLK.L	23
PSTAT-6955	proteomics_stat	3754475	3754534	-	6	6	I.MTNNPPSAQIKPGEYGFPLK.L	24
PSTAT-6956	proteomics_stat	3756355	3756393	-	5	2	K.AEPLFGDEPWVWR.D	17
PSTAT-6957	proteomics_stat	3756493	3756543	-	5	5	R.MALPMEDEALVLLIEK.M	21
PSTAT-6958	proteomics_stat	3756760	3756801	-	5	3	R.AQSDADALSVHLER.G	18
PSTAT-6959	proteomics_stat	3756925	3756996	-	5	5	R.VSLEDNLAELVFDTPWLADNDR.L	28
PSTAT-6960	proteomics_stat	3757177	3757227	-	5	9	R.ALHAQNQPTETANAGQR.I	21
PSTAT-6961	proteomics_stat	3757789	3757845	-	5	2	K.TTLLQAITGVNADRLPEEK.K	23
PSTAT-6962	proteomics_stat	3757992	3758021	-	4	4	R.GSHLESLAAR.W	14
PSTAT-6963	proteomics_stat	3758208	3758255	-	4	5	R.LYLHPEALSEKLPTLR.L	20
PSTAT-6964	proteomics_stat	3758451	3758525	-	4	3	K.ELDVPVVDLGSGLVDLSQYGLPK.E	29
PSTAT-6965	proteomics_stat	3758562	3758600	-	4	3	K.VHTSNYSIQGFTK.A	17
PSTAT-6966	proteomics_stat	3758658	3758699	-	4	4	R.QAGCTLHEVGTTNR.T	18
PSTAT-6967	proteomics_stat	3758769	3758852	-	4	2	R.ITGAEDACIVNNAAAVLLMLAATASGK.E	32
PSTAT-6968	proteomics_stat	3758982	3759050	-	4	8	K.EAQSALRPVINLTGTVLHTNLGR.A	27
PSTAT-6969	proteomics_stat	3759652	3759705	-	5	3	R.KIEALADGIMDAGLVSVR.E	22
PSTAT-6970	proteomics_stat	3774245	3774298	-	6	3	R.NAIPSGIPDESPLYLQR.L	22
PSTAT-6971	proteomics_stat	3774362	3774400	-	6	6	M.GKLGENVPLLDK.A	17
PSTAT-6972	proteomics_stat	3779860	3779928	-	5	5	K.IGAGSVVLQVPPHTTAAGVPAR.I	27
PSTAT-6973	proteomics_stat	3780025	3780129	-	5	4	R.GIMLDHATGIVVGETAVIENDVSILQSVTLGGTGK.S	39

PSTAT-6974	proteomics_stat	3780268	3780318	-	5	5	R.TRDPAVDKYSTPLLYLK.G	21
PSTAT-6975	proteomics_stat	3780319	3780393	-	5	3	R.EVVEEAYAADPEMIASACDIQAVR.T	29
PSTAT-6976	proteomics_stat	3780430	3780474	-	5	8	K.HENLGSALSYMLANK.L	19
PSTAT-6977	proteomics_stat	3780544	3780582	-	5	2	M.SCEELEIVWNNIK.A	17
PSTAT-6978	proteomics_stat	3780731	3780787	-	6	8	R.FGVEMPITEEIQVLYCGK.N	23
PSTAT-6979	proteomics_stat	3780821	3780847	-	6	2	K.IGQVVEGYR.N	13
PSTAT-6980	proteomics_stat	3780908	3781000	-	6	6	R.LGAALGADPATFMGMAGLGLVLTCTDNQSR.N	35
PSTAT-6981	proteomics_stat	3781100	3781150	-	6	3	R.VYSNPDFIGVQLGGAVK.N	21
PSTAT-6982	proteomics_stat	3781160	3781252	-	6	2	K.ELAAGLPTAISLASTDQTFADDLQQLLHCGK.S	35
PSTAT-6983	proteomics_stat	3781253	3781309	-	6	5	R.EALGDQIPLAVISGPTFAK.E	23
PSTAT-6984	proteomics_stat	3781406	3781453	-	6	7	R.NILVVVPSHVFGVLR.Q	20
PSTAT-6985	proteomics_stat	3781454	3781540	-	6	3	R.CNAAFPLDVPFPDTHLHLESDLATALAASR.N	33
PSTAT-6986	proteomics_stat	3781538	3781606	-	6	21	R.NGHEVVLWGHDPHEIATLERDRC.N	27
PSTAT-6987	proteomics_stat	3781687	3781791	-	5	43	R.GTFPQLNLAPVNFDAFMNYLQQQAGEGTEEHQDA.-	39
PSTAT-6988	proteomics_stat	3781969	3782028	-	5	2	K.LDLDTASSQLADDVYEVVLR.V	24
PSTAT-6989	proteomics_stat	3782050	3782094	-	5	7	K.DISFEAPNAPHVFQK.D	19
PSTAT-6990	proteomics_stat	3782346	3782390	-	4	3	K.GVSFQELPIDGNAAK.R	19
PSTAT-6991	proteomics_stat	3782439	3782462	-	4	2	M.ANVEIYTK.E	12
PSTAT-6992	proteomics_stat	3782616	3782660	-	4	3	K.EGVAGWAGENLPLVR.G	19
PSTAT-6993	proteomics_stat	3782661	3782690	-	4	3	K.AGFAQVFLK.E	14
PSTAT-6994	proteomics_stat	3782691	3782759	-	4	4	K.DKPVIVVDGSGMQCQEPANALTK.A	27
PSTAT-6995	proteomics_stat	3782691	3782765	-	4	5	K.HKDKPVIVVDGSGMQCQEPANALTK.A	29
PSTAT-6996	proteomics_stat	3782793	3782837	-	4	19	K.GHIAGSINLLPSEIK.A	19
PSTAT-6997	proteomics_stat	3782793	3782840	-	4	8	R.KGHIAGSINLLPSEIK.A	20
PSTAT-6998	proteomics_stat	3782859	3782897	-	4	8	R.LINKEDAVVVDLR.Q	17
PSTAT-6999	proteomics_stat	3788595	3788627	-	4	4	R.TMLDTMNHGGR.I	15
PSTAT-7000	proteomics_stat	3789276	3789350	-	4	5	K.LKAEEGIWMTDVVPPELGHNDLLIK.I	29
PSTAT-7001	proteomics_stat	3789429	3789470	-	4	3	R.TQMSSAAHTPEQITR.A	18
PSTAT-7002	proteomics_stat	3789555	3789644	-	4	3	R.EQMSSAAGFTLAGADHAIIPVMLGDAVVAQK.F	34
PSTAT-7003	proteomics_stat	3789714	3789773	-	4	8	R.SRPYLFSNSLAPAIVAASIK.V	24
PSTAT-7004	proteomics_stat	3789873	3789905	-	4	3	R.GSHEYCDVMGR.V	15
PSTAT-7005	proteomics_stat	3790083	3790118	-	4	2	R.YANNNDMQELEAR.L	16
PSTAT-7006	proteomics_stat	3790290	3790334	-	4	3	R.FICGTQDSHKELEQK.L	19
PSTAT-7007	proteomics_stat	3790524	3790568	-	4	2	R.GEFYQQLTNDLETAR.A	19
PSTAT-7008	proteomics_stat	3796289	3796324	-	6	3	K.DIDTETLTNSVK.R	16
PSTAT-7009	proteomics_stat	3796361	3796408	-	6	3	R.TPEYPSHLIWSPNHHK.S	20
PSTAT-7010	proteomics_stat	3798662	3798715	-	6	2	K.VRNEGLNTLNDFYLLAER.K	22
PSTAT-7011	proteomics_stat	3799126	3799167	-	5	2	K.IALENSPWKDDSPR.D	18
PSTAT-7012	proteomics_stat	3800152	3800193	-	5	3	K.NTALLKPNNNSQLR.Y	18
PSTAT-7013	proteomics_stat	3801603	3801662	-	4	2	K.DSVIPAPEEGETATFIYVGR.M	24
PSTAT-7014	proteomics_stat	3805963	3806046	-	5	3	K.IDMLLYQDTIPISENPEINALYGISNK.G	32
PSTAT-7015	proteomics_stat	3806069	3806122	-	6	3	K.DAISWGYVINYSCHQYQA.A	22
PSTAT-7016	proteomics_stat	3809309	3809329	-	6	7	K.KFDPVVR.Q	11
PSTAT-7017	proteomics_stat	3809366	3809404	-	6	5	V.SSAGTGHFYTTTK.N	17
PSTAT-7018	proteomics_stat	3809366	3809407	-	6	5	L.VSSAGTGHFYTTTK.N	18
PSTAT-7019	proteomics_stat	3809366	3809410	-	6	98	K.LVSSAGTGHFYTTTK.N	19

PSTAT-7020	proteomics_stat	3809366	3809413	-	6	2	I.KLVSSAGTGHFYTTTK.N	20
PSTAT-7021	proteomics_stat	3809366	3809416	-	6	4	K.IKLVSSAGTGHFYTTTK.N	21
PSTAT-7022	proteomics_stat	3809482	3809511	-	5	5	K.GIDTVLAELR.A	14
PSTAT-7023	proteomics_stat	3809482	3809514	-	5	2	K.KGIDTVLAELR.A	15
PSTAT-7024	proteomics_stat	3809563	3809586	-	5	9	R.FWVESEKR.F	12
PSTAT-7025	proteomics_stat	3809563	3809589	-	5	3	H.RFWVESEKR.F	13
PSTAT-7026	proteomics_stat	3809566	3809586	-	5	2	R.FWVESEK.R	11
PSTAT-7027	proteomics_stat	3809587	3809613	-	5	2	R.FLPNLHSHR.F	13
PSTAT-7028	proteomics_stat	3813276	3813314	-	4	5	R.GRGEISAIQEVER.D	17
PSTAT-7029	proteomics_stat	3813435	3813482	-	4	4	K.DHGEGGNLVGSALQGR.V	20
PSTAT-7030	proteomics_stat	3813660	3813704	-	4	7	R.KSPYFFNAGLFNTGR.D	19
PSTAT-7031	proteomics_stat	3837243	3837281	-	4	3	K.EFLQSYQSPEVAK.A	17
PSTAT-7032	proteomics_stat	3837243	3837299	-	4	2	K.NAENVKEFLQSYQSPEVAK.A	23
PSTAT-7033	proteomics_stat	3837243	3837311	-	4	2	R.EDNKNAENVKEFLQSYQSPEVAK.A	27
PSTAT-7034	proteomics_stat	3837312	3837344	-	4	2	K.NSPYVNILVAR.E	15
PSTAT-7035	proteomics_stat	3837447	3837488	-	4	19	R.HLQIMELEGAQLPR.V	18
PSTAT-7036	proteomics_stat	3837582	3837629	-	4	5	K.EGATVAIPNDPTNLGR.A	20
PSTAT-7037	proteomics_stat	3837657	3837707	-	4	8	K.LVAVGNTFVFPMAGYSK.K	21
PSTAT-7038	proteomics_stat	3837861	3837911	-	4	4	K.VGVINGAEQDVAEVAK.V	21
PSTAT-7039	proteomics_stat	3837864	3837911	-	4	6	K.VGVINGAEQDVAEVAK.K	20
PSTAT-7040	proteomics_stat	3837864	3837914	-	4	2	I.KGVINGAEQDVAEVAK.K	21
PSTAT-7041	proteomics_stat	3848462	3848536	-	6	2	K.GMATIMLSVHDSPALVEQALNAGAR.G	29
PSTAT-7042	proteomics_stat	3848846	3848875	-	6	3	R.NQSDPTMFNK.I	14
PSTAT-7043	proteomics_stat	3848885	3848932	-	6	10	R.LEQMISQIDKLEDVVK.V	20
PSTAT-7044	proteomics_stat	3848933	3848968	-	6	9	K.SHIWLLVNDQQR.L	16
PSTAT-7045	proteomics_stat	3848969	3849022	-	6	6	R.RAFNVEGILCLPIQDSK.S	22
PSTAT-7046	proteomics_stat	3849023	3849067	-	6	3	R.NHPGVMTHVCGLFAR.R	19
PSTAT-7047	proteomics_stat	3849068	3849115	-	6	18	A.MQNTTHDNVILELTVR.N	20
PSTAT-7048	proteomics_stat	3849497	3849583	-	6	13	R.QWLTSGGLGTMGFGLPAAIGAALANPDRK.V	33
PSTAT-7049	proteomics_stat	3849500	3849583	-	6	6	R.QWLTSGGLGTMGFGLPAAIGAALANPDR.K	32
PSTAT-7050	proteomics_stat	3849743	3849778	-	6	13	R.AEWHQLVADLQR.E	16
PSTAT-7051	proteomics_stat	3849779	3849847	-	6	5	H.VAIQADVDDVLAQLIPLVEAQPR.A	27
PSTAT-7052	proteomics_stat	3849779	3849856	-	6	5	K.QPHVAIQADVDDVLAQLIPLVEAQPR.A	30
PSTAT-7053	proteomics_stat	3849779	3849862	-	6	75	K.IKQPHVAIQADVDDVLAQLIPLVEAQPR.A	32
PSTAT-7054	proteomics_stat	3849863	3849901	-	6	6	K.IIHVDIDRAELGK.I	17
PSTAT-7055	proteomics_stat	3849878	3849901	-	6	4	K.IIHVDIDR.A	12
PSTAT-7056	proteomics_stat	3849902	3849928	-	6	3	K.TEQFCPNAK.I	13
PSTAT-7057	proteomics_stat	3849953	3850006	-	6	29	R.STNYILQEADLLIVLGAR.F	22
PSTAT-7058	proteomics_stat	3850007	3850051	-	6	8	K.AHPLSLGMLGMHGVR.S	19
PSTAT-7059	proteomics_stat	3850052	3850102	-	6	12	K.AQLPTTMTLMALGMLPK.A	21
PSTAT-7060	proteomics_stat	3850124	3850171	-	6	24	K.RPVLYLGGGVINAPAR.V	20
PSTAT-7061	proteomics_stat	3850172	3850201	-	6	6	R.DAAAMINAAC.R	14
PSTAT-7062	proteomics_stat	3850172	3850237	-	6	3	K.AAAPAFSEESIRDAAAMINAAC.R	26
PSTAT-7063	proteomics_stat	3850202	3850237	-	6	3	K.AAAPAFSEESIR.D	16
PSTAT-7064	proteomics_stat	3850238	3850291	-	6	3	K.DVQTAVFEIETQPAMAEK.A	22
PSTAT-7065	proteomics_stat	3850238	3850321	-	6	2	R.PGPVWIDIPKDVQTAVFEIETQPAMAEK.A	32



PSTAT-7066	proteomics_stat	3850238	3850339	-	6	7	R.IAQSGRPGPVWIDIPKDVQTAVFEIETQPAMAЕК.A	38
PSTAT-7067	proteomics_stat	3850292	3850339	-	6	4	R.IAQSGRPGPVWIDIPK.D	20
PSTAT-7068	proteomics_stat	3850340	3850381	-	6	9	R.HIEELPQVMSDAFR.I	18
PSTAT-7069	proteomics_stat	3850400	3850510	-	6	7	R.LDSIPLICITGQVPASMIGTDAFQEVDTYGISIPITK.H	41
PSTAT-7070	proteomics_stat	3850592	3850633	-	6	9	R.HEQGAGFIAQGMAR.T	18
PSTAT-7071	proteomics_stat	3850649	3850720	-	6	5	K.IVTGIPGGSIIPVYDALSQSTQIR.H	28
PSTAT-7072	proteomics_stat	3850721	3850771	-	6	39	R.FTGAEFIVHFLEQQGIK.I	21
PSTAT-7073	proteomics_stat	3865077	3865121	-	4	4	R.GANLVNGLLYIDLER.V	19
PSTAT-7074	proteomics_stat	3865122	3865154	-	4	4	R.KFQLAENIHVR.G	15
PSTAT-7075	proteomics_stat	3865227	3865301	-	4	200	R.IAIVAGFAESELEITAQDNLLVVK.G	29
PSTAT-7076	proteomics_stat	3865302	3865391	-	4	9	R.LFNHLENNQSQSNGGYPPYNVELVDENHYR.I	34
PSTAT-7077	proteomics_stat	3866886	3866927	-	4	2	R.GGSHVHVFSPIVGER.V	18
PSTAT-7078	proteomics_stat	3867084	3867128	-	4	4	R.ASQGAHVGVVTVHPK.S	19
PSTAT-7079	proteomics_stat	3870740	3870799	-	6	3	R.GGPILMSAIAIGIDQALWDIK.G	24
PSTAT-7080	proteomics_stat	3872662	3872739	-	5	18	R.YHEAVLQSVHNPVLQQLSIAISSLQR.A	30
PSTAT-7081	proteomics_stat	3874694	3874747	-	6	3	K.AADGSTVAQTALSYYDIR.F	22
PSTAT-7082	proteomics_stat	3874748	3874810	-	6	3	K.ELHMEQPGDYCITYNGALVQK.A	25
PSTAT-7083	proteomics_stat	3875108	3875191	-	6	6	K.IIDALSPQGEVSPQANNDLLSAGMELLK.G	32
PSTAT-7084	proteomics_stat	3875192	3875245	-	6	5	K.LGVDTSTASSLLAEQLPK.I	22
PSTAT-7085	proteomics_stat	3875749	3875778	-	5	4	R.RAFIEENALK.A	14
PSTAT-7086	proteomics_stat	3875779	3875838	-	5	8	K.DAIAADQLFTTLMGDAVEPR.R	24
PSTAT-7087	proteomics_stat	3875863	3875922	-	5	2	K.GLGEMNPEQLWETTMDPESR.R	24
PSTAT-7088	proteomics_stat	3875863	3875928	-	5	2	R.YKGLGEMNPEQLWETTMDPESR.R	26
PSTAT-7089	proteomics_stat	3875959	3876006	-	5	25	R.RQPVASFEQALDWLVK.E	20
PSTAT-7090	proteomics_stat	3876076	3876141	-	5	6	R.THGVDTDYPLDHEFITGGEYRR.I	26
PSTAT-7091	proteomics_stat	3876079	3876141	-	5	7	R.THGVDTDYPLDHEFITGGEYR.R	25
PSTAT-7092	proteomics_stat	3876148	3876198	-	5	4	K.FDVHTNAEQNLFEPVIR.V	21
PSTAT-7093	proteomics_stat	3876199	3876258	-	5	7	R.WVNALVSELNDKEQHGSQWK.F	24
PSTAT-7094	proteomics_stat	3876259	3876321	-	5	8	K.ELIYQPTLTEADLSDEQTVTR.W	25
PSTAT-7095	proteomics_stat	3876367	3876396	-	5	2	K.LVSEYNATQK.M	14
PSTAT-7096	proteomics_stat	3876529	3876636	-	5	2	D.GSHIRTLTLFFYRQMPEIVERGHVYIAQPPLYKVK.K	40
PSTAT-7097	proteomics_stat	3876535	3876570	-	5	16	R.GHVYIAQPPLYK.V	16
PSTAT-7098	proteomics_stat	3876676	3876762	-	5	4	K.MLSSQEVATLITALGCGIGRDEYNPKLR.Y	33
PSTAT-7099	proteomics_stat	3876703	3876762	-	5	3	K.MLSSQEVATLITALGCGIGR.D	24
PSTAT-7100	proteomics_stat	3876844	3876924	-	5	4	K.LADCQERDPALSELYLVEGDSAGGSAK.Q	31
PSTAT-7101	proteomics_stat	3876925	3876963	-	5	2	R.RKGALDLAFLPGK.L	17
PSTAT-7102	proteomics_stat	3877036	3877104	-	5	6	K.SAVEQQMNELLAELYLLENPTDAK.I	27
PSTAT-7103	proteomics_stat	3877105	3877131	-	5	6	K.DKLVSEVK.S	13
PSTAT-7104	proteomics_stat	3877231	3877269	-	5	4	R.TLNAYMDKEGYSK.K	17
PSTAT-7105	proteomics_stat	3877285	3877314	-	5	4	R.DGGTHLAGFR.A	14
PSTAT-7106	proteomics_stat	3877474	3877515	-	5	6	R.DGKEDHFHYEGGIK.A	18
PSTAT-7107	proteomics_stat	3877531	3877566	-	5	2	R.ELSFLNSGV SIR.L	16
PSTAT-7108	proteomics_stat	3877657	3877716	-	5	5	R.QIYEHGVPQAPLAVTGETEK.T	24
PSTAT-7109	proteomics_stat	3877756	3877812	-	5	16	K.VSGGLHGVGVSVVNALSQK.L	23
PSTAT-7110	proteomics_stat	3877813	3877833	-	5	2	K.FDDNSYK.V	11
PSTAT-7111	proteomics_stat	3877834	3877914	-	5	32	R.GIPTGIHPPEGVSAAEVIMTVLHAGGK.F	31

PSTAT-7112	proteomics_stat	3879553	3879582	-	5	2	K.HLEAGCDLLK.Q	14
PSTAT-7113	proteomics_stat	3879640	3879672	-	5	3	R.AHVGDFIFTSK.L	15
PSTAT-7114	proteomics_stat	3879700	3879723	-	5	3	L.DGGDNPLR.V	12
PSTAT-7115	proteomics_stat	3879754	3879816	-	5	5	R.LAVCSMPIGQSLPSHSVIVPR.K	25
PSTAT-7116	proteomics_stat	3879841	3879888	-	5	4	R.YYLNGLMFETEGEELR.T	20
PSTAT-7117	proteomics_stat	3879937	3880029	-	5	2	R.FSLSTLPAADFPNLDDWQSEVEFTLPQATMK.R	35
PSTAT-7118	proteomics_stat	3880123	3880176	-	5	3	R.VALVQPHEPGATTVPARK.F	22
PSTAT-7119	proteomics_stat	3880126	3880176	-	5	6	R.VALVQPHEPGATTVPAR.K	21
PSTAT-7120	proteomics_stat	3881177	3881218	-	6	4	K.THLLHAVGNGIMAR.K	18
PSTAT-7121	proteomics_stat	3881618	3881716	-	6	2	R.LQDELPATEFMSWIRPLQAELSDNTLALYAPNR.F	37
PSTAT-7122	proteomics_stat	3904879	3904932	-	5	4	R.HVGGDELDKLLAGKDSK.-	22
PSTAT-7123	proteomics_stat	3904891	3904932	-	5	7	R.HVGGDELDKLLAGK.D	18
PSTAT-7124	proteomics_stat	3904906	3904932	-	5	2	R.HVGGDELDK.L	13
PSTAT-7125	proteomics_stat	3905083	3905115	-	5	11	K.KVDQEYEGIVR.Q	15
PSTAT-7126	proteomics_stat	3905203	3905253	-	5	10	K.FSQQHQPPLLVSLES�GR.H	21
PSTAT-7127	proteomics_stat	3905380	3905442	-	5	4	R.VIEGDKNVNMMEVAIDEACVR.I	25
PSTAT-7128	proteomics_stat	3905446	3905535	-	5	5	R.TQVMTMGGMVEQQLSDAITAMHNQDSDLAK.R	34
PSTAT-7129	proteomics_stat	3905536	3905577	-	5	5	K.HISGQFNAELESIR.T	18
PSTAT-7130	proteomics_stat	3905817	3905891	-	4	4	R.GIAIRPEVLLLDEPCSA‌LDPISTGR.I	29
PSTAT-7131	proteomics_stat	3906042	3906113	-	4	3	K.VGMVFQKPTPFPMIYDNI‌AFGVR.L	28
PSTAT-7132	proteomics_stat	3906120	3906188	-	4	3	R.AEGEILLDGDNILTNSQDIALLR.A	27
PSTAT-7133	proteomics_stat	3906243	3906284	-	4	2	K.NQVTAFIGPSGCGK.S	18
PSTAT-7134	proteomics_stat	3908266	3908349	-	5	2	K.LAALIVLLMLGGIIVSLI‌ISSWPSIQKF.G	32
PSTAT-7135	proteomics_stat	3908649	3908678	-	4	3	K.KPEQGTEVLK.F	14
PSTAT-7136	proteomics_stat	3908649	3908687	-	4	3	K.DQKKPEQGTEVLK.F	17
PSTAT-7137	proteomics_stat	3908787	3908849	-	4	4	K.LISADGKPVSPTEENFANA‌AK.G	25
PSTAT-7138	proteomics_stat	3908874	3908915	-	4	2	R.LPGAIGYVEYAYAK.Q	18
PSTAT-7139	proteomics_stat	3908973	3909020	-	4	5	K.VNEEWKNNVGTGSTVK.W	20
PSTAT-7140	proteomics_stat	3909072	3909101	-	4	2	K.LPSQNI‌AVVR.R	14
PSTAT-7141	proteomics_stat	3909180	3909206	-	4	2	K.SGELVLDGK.T	13
PSTAT-7142	proteomics_stat	3909345	3909398	-	4	4	K.ETGNKVNYQGIGSSGGVK.Q	22
PSTAT-7143	proteomics_stat	3909420	3909473	-	4	3	A.EASLTGAGATFPAPVYAK.W	22
PSTAT-7144	proteomics_stat	3909892	3909915	-	5	2	K.GTDVDQPR.N	12
PSTAT-7145	proteomics_stat	3910078	3910104	-	5	9	K.LKSNI‌EEVR.A	13
PSTAT-7146	proteomics_stat	3910105	3910179	-	5	10	K.HGPLALIDAMPVIVVAPN‌NELLEK.L	29
PSTAT-7147	proteomics_stat	3910180	3910227	-	5	3	K.EISYI‌HAEAYAAGELK.H	20
PSTAT-7148	proteomics_stat	3910180	3910233	-	5	31	K.LKEISYI‌HAEAYAAGELK.H	22
PSTAT-7149	proteomics_stat	3910234	3910272	-	5	2	R.GDQYPI‌ALEGALK.L	17
PSTAT-7150	proteomics_stat	3910273	3910329	-	5	21	R.IEALA‌EDFSDKHHALFLGR.G	23
PSTAT-7151	proteomics_stat	3910330	3910359	-	5	8	R.IEQML‌SQDKR.I	14
PSTAT-7152	proteomics_stat	3910333	3910359	-	5	2	R.IEQML‌SQDKR	13
PSTAT-7153	proteomics_stat	3910360	3910419	-	5	9	K.GLDASIEH‌DIVHGLQALPSR.I	24
PSTAT-7154	proteomics_stat	3910360	3910425	-	5	5	R.LKGLDASIEH‌DIVHGLQALPSR.I	26
PSTAT-7155	proteomics_stat	3910480	3910539	-	5	3	R.ESDLALMTNAGTEIGV‌ASTK.A	24
PSTAT-7156	proteomics_stat	3910540	3910599	-	5	6	K.ELGYL‌GSLAICNVPGSSLVR.E	24
PSTAT-7157	proteomics_stat	3910609	3910671	-	5	8	R.NSLMITL‌SQSETADTLAGLR.L	25

PSTAT-7158	proteomics_stat	3910696	3910755	-	5	4	R.YWFESLAGIPCDVEIASEFR.Y	24
PSTAT-7159	proteomics_stat	3910816	3910878	-	5	3	R.ISHGQVDLSELGPNADLLSK.V	25
PSTAT-7160	proteomics_stat	3910942	3910998	-	5	7	K.RQDIESNLQYDAGDKGIYR.H	23
PSTAT-7161	proteomics_stat	3910954	3910995	-	5	4	R.QDIESNLQYDAGDK.G	18
PSTAT-7162	proteomics_stat	3910954	3910998	-	5	8	K.RQDIESNLQYDAGDK.G	19
PSTAT-7163	proteomics_stat	3910999	3911037	-	5	4	R.SVNIFDKTGAEVK.R	17
PSTAT-7164	proteomics_stat	3911041	3911082	-	5	26	R.FIFLEEGDIAEITR.R	18
PSTAT-7165	proteomics_stat	3911041	3911085	-	5	3	R.RFIFLEEGDIAEITR.R	19
PSTAT-7166	proteomics_stat	3911086	3911169	-	5	76	R.SGSPLVIGLGMGENFIASDQLALLPVTR.R	32
PSTAT-7167	proteomics_stat	3911170	3911196	-	5	8	R.HPDTLLAAR.S	13
PSTAT-7168	proteomics_stat	3911197	3911229	-	5	2	R.GAYGTVIMDSR.H	15
PSTAT-7169	proteomics_stat	3911470	3911538	-	5	10	K.VQMLAQAAEEHPLHGGTGIAHTR.W	27
PSTAT-7170	proteomics_stat	3911557	3911610	-	5	14	R.GYDSAGLAVVDAEGHMTR.L	22
PSTAT-7171	proteomics_stat	3911626	3911658	-	5	3	R.DVAEILLEGLR.R	15
PSTAT-7172	proteomics_stat	3911659	3911688	-	5	3	M.CGIVGAIQR.D	14
PSTAT-7173	proteomics_stat	3911973	3912041	-	4	4	K.TIIGDDVFGSDTQLVAPVTVGK.G	27
PSTAT-7174	proteomics_stat	3912171	3912230	-	4	14	R.LRPGAELLEGAHVGNFVEMK.K	24
PSTAT-7175	proteomics_stat	3912486	3912512	-	4	2	R.VYQSEQAEK.L	13
PSTAT-7176	proteomics_stat	3912537	3912566	-	4	2	R.LSEVEGVNNR.L	14
PSTAT-7177	proteomics_stat	3912567	3912593	-	4	8	R.EIVAVHPQR.L	13
PSTAT-7178	proteomics_stat	3912594	3912665	-	4	3	K.LTNNNAQGEYYITDIILAYQEGR.E	28
PSTAT-7179	proteomics_stat	3912735	3912779	-	4	2	K.VTGIVEHKDATDEQR.Q	19
PSTAT-7180	proteomics_stat	3912801	3912827	-	4	5	K.LDDPTGYGR.I	13
PSTAT-7181	proteomics_stat	3912828	3912869	-	4	4	R.DAKPQGGIGLLTVK.L	18
PSTAT-7182	proteomics_stat	3913591	3913692	-	5	3	K.AEEHISSSHGDVDYAQASAELAKAIAQLRVIELT.K	38
PSTAT-7183	proteomics_stat	3913624	3913692	-	5	5	K.AEEHISSSHGDVDYAQASAELAK.A	27
PSTAT-7184	proteomics_stat	3913624	3913695	-	5	91	R.KAEEHISSSHGDVDYAQASAELAK.A	28
PSTAT-7185	proteomics_stat	3913624	3913698	-	5	4	K.RKAEEHISSSHGDVDYAQASAELAK.A	29
PSTAT-7186	proteomics_stat	3913714	3913737	-	5	2	R.GQDLDEAR.A	12
PSTAT-7187	proteomics_stat	3913840	3913926	-	5	29	K.IQVTGSEGELGIYPGHAPLLTAIKPGMIR.I	33
PSTAT-7188	proteomics_stat	3913927	3913992	-	5	25	M.AMTYHLDVVSAEQMFSGLVEK.I	26
PSTAT-7189	proteomics_stat	3914031	3914111	-	4	174	K.GIMEGEYDHLPEQAFYMVGSIEEAVEK.A	31
PSTAT-7190	proteomics_stat	3914031	3914150	-	4	4	G.KYVSLKDTIRGFKGIMEGEYDHLPEQAFYMVGSIEEAVEK.A	44
PSTAT-7191	proteomics_stat	3914121	3914147	-	4	8	K.YVSLKDTIR.G	13
PSTAT-7192	proteomics_stat	3914148	3914198	-	4	3	F.LSQPFFVAEVFTGSPGK.Y	21
PSTAT-7193	proteomics_stat	3914148	3914201	-	4	102	R.FLSQPFFVAEVFTGSPGK.Y	22
PSTAT-7194	proteomics_stat	3914148	3914204	-	4	2	Q.RFLSQPFFVAEVFTGSPGK.Y	23
PSTAT-7195	proteomics_stat	3914148	3914225	-	4	40	V.ARARKIQRFLSQPFFVAEVFTGSPGK.Y	30
PSTAT-7196	proteomics_stat	3914220	3914282	-	4	81	K.DIIAILGMDELSEEDKLVVAR.A	25
PSTAT-7197	proteomics_stat	3914220	3914297	-	4	95	R.YQELKDIILGMDELSEEDKLVVAR.A	30
PSTAT-7198	proteomics_stat	3914235	3914282	-	4	3	K.DIIAILGMDELSEEDK.L	20
PSTAT-7199	proteomics_stat	3914298	3914321	-	4	6	R.GVQSILQR.Y	12
PSTAT-7200	proteomics_stat	3914322	3914369	-	4	8	R.QLDPLVVGQEHYDTAR.G	20
PSTAT-7201	proteomics_stat	3914322	3914372	-	4	3	S.RQLDPLVVGQEHYDTAR.G	21
PSTAT-7202	proteomics_stat	3914370	3914423	-	4	2	Q.IASLGIYPAVDPLDSTSR.Q	22
PSTAT-7203	proteomics_stat	3914370	3914426	-	4	9	R.QIASLGIYPAVDPLDSTSR.Q	23

PSTAT-7204	proteomics_stat	3914427	3914537	-	4	177	K.TGSITSVQAVYVPADDLTDPSPATTF AHL DATV VLSR.Q	41
PSTAT-7205	proteomics_stat	3914478	3914552	-	4	5	R.ITSTKTGSITSVQAVYVPADDLTDP.S	29
PSTAT-7206	proteomics_stat	3914553	3914612	-	4	2	M.PSAVGYQPTLAEEMGVLQER.I	24
PSTAT-7207	proteomics_stat	3914553	3914615	-	4	16	R.MPSAVGYQPTLAEEMGVLQER.I	25
PSTAT-7208	proteomics_stat	3914616	3914657	-	4	8	R.YTLAGTEVSALLGR.M	18
PSTAT-7209	proteomics_stat	3914658	3914690	-	4	19	R.DVLLFVDNIYR.Y	15
PSTAT-7210	proteomics_stat	3914658	3914702	-	4	2	R.DEGRDVLLFVDNIYR.Y	19
PSTAT-7211	proteomics_stat	3914658	3914708	-	4	37	K.FRDEGRDVLLFVDNIYR.Y	21
PSTAT-7212	proteomics_stat	3914709	3914741	-	4	14	R.VALTGLTMAEK.F	15
PSTAT-7213	proteomics_stat	3914748	3914792	-	4	12	K.VSLVYGQMNEPPG NR.L	19
PSTAT-7214	proteomics_stat	3914748	3914843	-	4	6	R.EGNDFYHEMTDSNVIDKVS L VYGQMNEPPG NR.L	36
PSTAT-7215	proteomics_stat	3914748	3914849	-	4	12	R.TREGNDFYHEMTDSNVIDKVS L VYGQMNEPPG NR.L	38
PSTAT-7216	proteomics_stat	3914793	3914843	-	4	6	R.EGNDFYHEMTDSNVIDK.V	21
PSTAT-7217	proteomics_stat	3914793	3914849	-	4	14	R.TREGNDFYHEMTDSNVIDK.V	23
PSTAT-7218	proteomics_stat	3914850	3914897	-	4	3	I.AIEHSGYSVFAGVGER.T	20
PSTAT-7219	proteomics_stat	3914850	3914900	-	4	2	N.IAIEHSGYSVFAGVGER.T	21
PSTAT-7220	proteomics_stat	3914850	3914903	-	4	220	R.NIAIEHSGYSVFAGVGER.T	22
PSTAT-7221	proteomics_stat	3914904	3914930	-	4	2	K.TVNMELIR.N	13
PSTAT-7222	proteomics_stat	3914931	3914963	-	4	11	K.VGLFGGAGVGK.T	15
PSTAT-7223	proteomics_stat	3914973	3915002	-	4	7	K.VIDL M C P F A K . G	14
PSTAT-7224	proteomics_stat	3915003	3915062	-	4	25	R.AAPSYEELS NS Q ELLETGIK.V	24
PSTAT-7225	proteomics_stat	3915078	3915137	-	4	6	R.IMNVLGEPVDMKGEIGEEER.W	24
PSTAT-7226	proteomics_stat	3915102	3915137	-	4	4	R.IMNVLGEPVDMK.G	16
PSTAT-7227	proteomics_stat	3915153	3915188	-	4	12	K.DLEHPIEVPVGK.A	16
PSTAT-7228	proteomics_stat	3915153	3915203	-	4	5	R.GLDVKDLEHPIEVPVGK.A	21
PSTAT-7229	proteomics_stat	3915207	3915239	-	4	2	R.TIAMGSSDGLR.R	15
PSTAT-7230	proteomics_stat	3915240	3915281	-	4	2	L.VLEVQQQLGGGIVR.T	18
PSTAT-7231	proteomics_stat	3915240	3915284	-	4	71	R.LVLEVQQQLGGGIVR.T	19
PSTAT-7232	proteomics_stat	3915285	3915317	-	4	5	Y.DALEVQNGNER.L	15
PSTAT-7233	proteomics_stat	3915285	3915320	-	4	3	V.YDALEVQNGNER.L	16
PSTAT-7234	proteomics_stat	3915285	3915323	-	4	14	R.VYDALEVQNGNER.L	17
PSTAT-7235	proteomics_stat	3915324	3915383	-	4	57	K.IVQVIGAVVDVEFPQDAVPR.V	24
PSTAT-7236	proteomics_stat	3915488	3915511	-	6	4	K.ELQLVYNK.A	12
PSTAT-7237	proteomics_stat	3915560	3915622	-	6	10	R.YVESQVYQG V V ENLASEQAAR.M	25
PSTAT-7238	proteomics_stat	3915560	3915625	-	6	9	R.RYVESQVYQG V V ENLASEQAAR.M	26
PSTAT-7239	proteomics_stat	3915650	3915682	-	6	4	K.SWDYLYEPDPK.A	15
PSTAT-7240	proteomics_stat	3915683	3915766	-	6	4	K.FINTMSQVPTISQLLPLASDDDDLKHK.S	32
PSTAT-7241	proteomics_stat	3915683	3915769	-	6	5	N.KFINTMSQVPTISQLLPLASDDDDLKHK.S	33
PSTAT-7242	proteomics_stat	3915689	3915766	-	6	2	K.FINTMSQVPTISQLLPLASDDDDLK.H	30
PSTAT-7243	proteomics_stat	3915788	3915826	-	6	9	K.VMLQAYDEGR LDK.L	17
PSTAT-7244	proteomics_stat	3915827	3915925	-	6	84	K.GVSFFNSVGGNVVAQVTGMGDNPSLSELIGPVK.V	37
PSTAT-7245	proteomics_stat	3915926	3915961	-	6	2	K.GVQC DLAMIGSK.G	16
PSTAT-7246	proteomics_stat	3915926	3915976	-	6	2	K.TWTDKGVQC DLAMIGSK.G	21
PSTAT-7247	proteomics_stat	3915998	3916033	-	6	2	R.GLCGGLNINLFK.K	16
PSTAT-7248	proteomics_stat	3916034	3916063	-	6	2	R.VGYLVVSTDR.G	14
PSTAT-7249	proteomics_stat	3916034	3916066	-	6	3	K.RVGYLVVSTDR.G	15

PSTAT-7250	proteomics_stat	3916097	3916135	-	6	9	K.VIGHLAHGNLEYK.H	17
PSTAT-7251	proteomics_stat	3916139	3916171	-	6	4	M.AASRPYAETMR.K	15
PSTAT-7252	proteomics_stat	3916139	3916174	-	6	5	R.MAASRPYAETMR.K	16
PSTAT-7253	proteomics_stat	3916196	3916222	-	6	4	K.AMEMVAASK.M	13
PSTAT-7254	proteomics_stat	3916357	3916383	-	5	4	K.LKGILDSFK.A	13
PSTAT-7255	proteomics_stat	3916384	3916449	-	5	11	R.DHAPLMQEINQTTGGYNDEIEGK.L	26
PSTAT-7256	proteomics_stat	3916384	3916491	-	5	21	K.IGSFEAALLAYVDRDHAPLMQEINQTTGGYNDEIEGK.L	40
PSTAT-7257	proteomics_stat	3916450	3916491	-	5	12	K.IGSFEAALLAYVDR.D	18
PSTAT-7258	proteomics_stat	3916492	3916521	-	5	5	R.GYLADVLSK.I	14
PSTAT-7259	proteomics_stat	3916522	3916563	-	5	2	M.SVAQQSLVLF AAER.G	18
PSTAT-7260	proteomics_stat	3916522	3916578	-	5	72	K.QYAPMSVAQQSLVLF AAER.G	23
PSTAT-7261	proteomics_stat	3916522	3916584	-	5	19	K.QKQYAPMSVAQQSLVLF AAER.G	25
PSTAT-7262	proteomics_stat	3916624	3916677	-	5	14	R.ELAAFSQFASDLDDATR.K	22
PSTAT-7263	proteomics_stat	3916627	3916674	-	5	2	E.LAAFSQFASDLDDATR.K	20
PSTAT-7264	proteomics_stat	3916627	3916677	-	5	19	R.ELAAFSQFASDLDDATR.K	21
PSTAT-7265	proteomics_stat	3916753	3916785	-	5	2	R.PAVNPGISVSR.V	15
PSTAT-7266	proteomics_stat	3916927	3916971	-	5	11	R.VNAEYVEAFTKGEVK.G	19
PSTAT-7267	proteomics_stat	3916939	3916971	-	5	6	R.VNAEYVEAFTK.G	15
PSTAT-7268	proteomics_stat	3916993	3917031	-	5	11	R.EAFP GDVFYLHSR.L	17
PSTAT-7269	proteomics_stat	3917086	3917130	-	5	34	R.DRGEDALIIYDDL SK.Q	19
PSTAT-7270	proteomics_stat	3917131	3917250	-	5	5	R.KLEEHGALANTIVVVATASES AALQYLAPYAGCAMGEYFR.D	44
PSTAT-7271	proteomics_stat	3917248	3917277	-	5	2	K.ASTISNVVRK.L	14
PSTAT-7272	proteomics_stat	3917278	3917304	-	5	3	K.CIYVAIGQK.A	13
PSTAT-7273	proteomics_stat	3917320	3917355	-	5	10	K.TALAI DAIINQR.D	16
PSTAT-7274	proteomics_stat	3917398	3917427	-	5	6	K.AVDSMIPIGR.G	14
PSTAT-7275	proteomics_stat	3917428	3917463	-	5	16	R.QSVDQP VQTGYK.A	16
PSTAT-7276	proteomics_stat	3917464	3917526	-	5	19	K.GPLDHDGFS AVEAIAPGVIER.Q	25
PSTAT-7277	proteomics_stat	3917527	3917562	-	5	14	R.VVNTLGAPIDGK.G	16
PSTAT-7278	proteomics_stat	3917620	3917676	-	5	24	R.DSVGAVVMG PYADLAEGMK.V	23
PSTAT-7279	proteomics_stat	3917677	3917703	-	5	8	R.YAIALNLER.D	13
PSTAT-7280	proteomics_stat	3917704	3917757	-	5	2	I.HGLADCMQ GEMISLPGNR.Y	22
PSTAT-7281	proteomics_stat	3917704	3917760	-	5	18	R.IHGLADCMQ GEMISLPGNR.Y	23
PSTAT-7282	proteomics_stat	3917761	3917835	-	5	80	R.IAQFN VVSEAHNEG TIVSVSDGVIR.I	29
PSTAT-7283	proteomics_stat	3917842	3917880	-	5	12	S.MQLNSTEISELIK.Q	17
PSTAT-7284	proteomics_stat	3917932	3917964	-	5	2	R.AGDMVIDG SVR.G	15
PSTAT-7285	proteomics_stat	3917965	3917991	-	5	2	K.SVMAGVIIR.A	13
PSTAT-7286	proteomics_stat	3918031	3918054	-	5	2	K.ISAAMEKR.L	12
PSTAT-7287	proteomics_stat	3918055	3918126	-	5	6	R.AVSEATAEVD VISAAALSEQQLAK.I	28
PSTAT-7288	proteomics_stat	3918127	3918171	-	5	14	R.LNALPDVLEQFIHLR.A	19
PSTAT-7289	proteomics_stat	3918193	3918267	-	5	4	A.PETLAESFIAVCGEQLDENGQNLIR.V	29
PSTAT-7290	proteomics_stat	3918193	3918306	-	5	5	K.NEQMAELLS GALAPETLAESFIAVCGEQLDENGQNLIR.V	42
PSTAT-7291	proteomics_stat	3918307	3918345	-	5	6	R.WQDMLAFAAEVTK.N	17
PSTAT-7292	proteomics_stat	3918346	3918387	-	5	7	K.AAFDFAVEHQ SVR.W	18
PSTAT-7293	proteomics_stat	3918388	3918423	-	5	7	M.SEFITVARPYAK.A	16
PSTAT-7294	proteomics_stat	3918444	3918497	-	4	8	R.SVDEAANS DIVDKLVAEL.-	22
PSTAT-7295	proteomics_stat	3918459	3918497	-	4	14	R.SVDEAANS DIVDK.L	17

PSTAT-7296	proteomics_stat	3918510	3918545	-	4	9	K.QVAILAVAGA EK.I	16
PSTAT-7297	proteomics_stat	3918510	3918548	-	4	12	R.KQVAILAVAGA EK.I	17
PSTAT-7298	proteomics_stat	3918570	3918611	-	4	2	K.IVAQAQAEIEAERK.R	18
PSTAT-7299	proteomics_stat	3918573	3918611	-	4	17	K.IVAQAQAEIEAER.K	17
PSTAT-7300	proteomics_stat	3918618	3918662	-	4	10	R.SQILDEAKAEAEQER.T	19
PSTAT-7301	proteomics_stat	3918618	3918665	-	4	4	R.RSQILDEAKAEAEQER.T	20
PSTAT-7302	proteomics_stat	3918666	3918704	-	4	5	K.AEAQVIIIEQANKR.R	17
PSTAT-7303	proteomics_stat	3918669	3918704	-	4	6	K.AEAQVIIIEQANK.R	16
PSTAT-7304	proteomics_stat	3918669	3918710	-	4	29	K.AKAEAQVIIIEQANK.R	18
PSTAT-7305	proteomics_stat	3918711	3918734	-	4	2	A.SATDQLKK.A	12
PSTAT-7306	proteomics_stat	3918711	3918737	-	4	9	K.ASATDQLKK.A	13
PSTAT-7307	proteomics_stat	3918714	3918740	-	4	2	A.KASATDQLK.K	13
PSTAT-7308	proteomics_stat	3918738	3918764	-	4	5	R.AHKDLDLAK.A	13
PSTAT-7309	proteomics_stat	3918765	3918797	-	4	4	K.EIADGLASAER.A	15
PSTAT-7310	proteomics_stat	3918765	3918803	-	4	17	R.QKEIADGLASAER.A	17
PSTAT-7311	proteomics_stat	3920003	3920071	-	6	17	M.ASENMTPQDYIGHHLNNLQLDLR.T	27
PSTAT-7312	proteomics_stat	3921335	3921385	-	6	4	R.QVQHELKLENIEPVQSR.V	21
PSTAT-7313	proteomics_stat	3921500	3921547	-	6	3	R.HILDSIVVAPYLQGER.F	20
PSTAT-7314	proteomics_stat	3922388	3922441	-	6	2	R.SQAYLGVLVDDLCTLGK.E	22
PSTAT-7315	proteomics_stat	3922604	3922651	-	6	3	K.IVRPGYAIEYDFDPR.D	20
PSTAT-7316	proteomics_stat	3923489	3923575	-	6	2	R.MGQQTLLLTHNIDTLGQMSCNPAIGGIGK.G	33
PSTAT-7317	proteomics_stat	3924038	3924112	-	6	11	K.INILDHDIPEDPAEEWLGSWVNLK.-	29
PSTAT-7318	proteomics_stat	3924149	3924199	-	6	3	R.EYDTFCGAIDKLEAELK.N	21
PSTAT-7319	proteomics_stat	3928118	3928150	-	6	2	R.HLQLQQQSDK.T	15
PSTAT-7320	proteomics_stat	3928475	3928555	-	6	3	R.SMLTSQQDENDNPVPDALQVTDEEYER.W	31
PSTAT-7321	proteomics_stat	3928607	3928672	-	6	4	R.LLVAASNELPEADSSLEALYDR.M	26
PSTAT-7322	proteomics_stat	3928715	3928762	-	6	4	K.AGPAILNTLLTAINER.Q	20
PSTAT-7323	proteomics_stat	3939198	3939275	-	4	5	R.ILKGEYEPGTILPGEIELGEQFGVSR.T	30
PSTAT-7324	proteomics_stat	3939315	3939347	-	4	2	M.PLSAQQLAAQK.N	15
PSTAT-7325	proteomics_stat	3945754	3945801	-	5	4	K.LLPAETLMSTWQAAR.K	20
PSTAT-7326	proteomics_stat	3957573	3957644	-	4	3	K.VVFSCPVLEPTGPLHTQFGYHIK.V	28
PSTAT-7327	proteomics_stat	3957798	3957827	-	4	3	K.TAAALHILVK.E	14
PSTAT-7328	proteomics_stat	3961851	3961898	-	4	2	R.LIYQGVHAHTTGADQR.L	20
PSTAT-7329	proteomics_stat	3962460	3962504	-	4	2	K.YNPDALMTDLPKPLR.L	19
PSTAT-7330	proteomics_stat	3962505	3962606	-	4	13	R.AGASGHSISLACEEYALNLP AIETYIGHHSIPVSK.Y	38
PSTAT-7331	proteomics_stat	3962625	3962699	-	4	12	R.GLHIPAVTHVFNLDLPDDCEDYVHR.I	29
PSTAT-7332	proteomics_stat	3962880	3962918	-	4	2	R.LLQTLIEEWPDR.A	17
PSTAT-7333	proteomics_stat	3962925	3962963	-	4	5	R.IKEELFYPSNEEK.M	17
PSTAT-7334	proteomics_stat	3963147	3963203	-	4	4	K.QNHINLGAIQVVVLDEADR.M	23
PSTAT-7335	proteomics_stat	3963312	3963371	-	4	2	R.ELAVQIHADAEP LAEATGLK.L	24
PSTAT-7336	proteomics_stat	3963414	3963476	-	4	4	K.TMAFLTSTFHYLLSHPAIADR.K	25
PSTAT-7337	proteomics_stat	3963477	3963512	-	4	8	R.DVAGQAQTGTGK.T	16
PSTAT-7338	proteomics_stat	3963513	3963572	-	4	9	K.GFHNCTPIQALALPLTLAGR.D	24
PSTAT-7339	proteomics_stat	3963513	3963575	-	4	3	K.KGFHNCTPIQALALPLTLAGR.D	25
PSTAT-7340	proteomics_stat	3963597	3963623	-	4	3	K.FSDFALHPK.V	13
PSTAT-7341	proteomics_stat	3964473	3964544	-	4	9	K.NNVLLTHTSQVFQPHIFAESDQLR.N	28

PSTAT-7342	proteomics_stat	3984787	3984837	-	5	2	K.QRPDAYDYAWLADALDR.L	21
PSTAT-7343	proteomics_stat	3984850	3984885	-	5	4	K.HGEWQEASLAFR.A	16
PSTAT-7344	proteomics_stat	3984886	3984939	-	5	4	K.NVGDRPLLWSTLGQSLMK.H	22
PSTAT-7345	proteomics_stat	3984961	3984993	-	5	4	R.LKTNPEQLEK.V	15
PSTAT-7346	proteomics_stat	3985159	3985185	-	5	3	R.ADNGSEGLR.N	13
PSTAT-7347	proteomics_stat	3985186	3985233	-	5	3	R.AMLEQQAWIGLMDQAR.A	20
PSTAT-7348	proteomics_stat	3985261	3985308	-	5	4	R.TGAWSSLLDIIPSMK.A	20
PSTAT-7349	proteomics_stat	3985429	3985476	-	5	3	R.AAELAGNDTIPVEITR.V	20
PSTAT-7350	proteomics_stat	3985513	3985578	-	5	3	K.NADHAEQPVVNYLLAAEAAQQR.G	26
PSTAT-7351	proteomics_stat	3985911	3986003	-	4	11	R.NLLAQPAAGTTEAKPAPAPQADTPAAAPQGE.-	35
PSTAT-7352	proteomics_stat	3986025	3986114	-	4	7	K.AFLDEVQDLSQQNISMIDLPELQSQAMLEK.L	34
PSTAT-7353	proteomics_stat	3986115	3986147	-	4	5	R.AYYDTDDATTK.A	15
PSTAT-7354	proteomics_stat	3986250	3986300	-	4	3	R.DDTAVPLLAPNQDIYLR.E	21
PSTAT-7355	proteomics_stat	3986250	3986306	-	4	4	R.RRDDTAVPLLAPNQDIYLR.E	23
PSTAT-7356	proteomics_stat	3986361	3986438	-	4	7	R.LADNDSGSPMDSGGEELSSSISEWR.I	30
PSTAT-7357	proteomics_stat	3986439	3986474	-	4	2	K.LNQLSNQVDNLR.L	16
PSTAT-7358	proteomics_stat	3986601	3986648	-	4	4	R.KLWSDQDVTTAAALLK.S	20
PSTAT-7359	proteomics_stat	3986697	3986726	-	4	2	K.VATISGSDAK.T	14
PSTAT-7360	proteomics_stat	3986805	3986846	-	4	2	K.AQESQKAELEGIK.Q	18
PSTAT-7361	proteomics_stat	3987000	3987044	-	4	2	R.EAVDTTSQPVATEKK.S	19
PSTAT-7362	proteomics_stat	3987003	3987044	-	4	7	R.EAVDTTSQPVATEK.K	18
PSTAT-7363	proteomics_stat	3987798	3987848	-	4	2	M.SILVTRPSPAGEELVSR.L	21
PSTAT-7364	proteomics_stat	3987890	3987958	-	6	4	R.GAPQDAEQMGISLAEELLNNGAR.E	27
PSTAT-7365	proteomics_stat	3987890	3987961	-	6	5	R.RGAPQDAEQMGISLAEELLNNGAR.E	28
PSTAT-7366	proteomics_stat	3988109	3988150	-	6	4	R.ELLAALNHHETALR.V	18
PSTAT-7367	proteomics_stat	3988265	3988315	-	6	3	K.LDNGEYDAIILAVAGLK.R	21
PSTAT-7368	proteomics_stat	3988397	3988474	-	6	6	R.DAFVSNNYDSLALPAGSIVGTSSLR.R	30
PSTAT-7369	proteomics_stat	3988487	3988540	-	6	3	K.DVPVEFPQGLGLVTICER.E	22
PSTAT-7370	proteomics_stat	3988541	3988567	-	6	5	R.ADIADVHSMK.D	13
PSTAT-7371	proteomics_stat	3988658	3988711	-	6	3	K.LMASHPGLVVELVPMVTR.G	22
PSTAT-7372	proteomics_stat	3991765	3991836	-	5	4	R.SGETFWDLLEQAATQQAGETVSFR.-	28
PSTAT-7373	proteomics_stat	4002442	4002471	-	5	7	R.HETISEDEL.R.Q	14
PSTAT-7374	proteomics_stat	4002586	4002618	-	5	3	R.YEKEFAQLAFK.N	15
PSTAT-7375	proteomics_stat	4013422	4013517	-	5	6	K.AEIIYYPDAGHAFNADYRPSYHAASAEDGWQR.M	36
PSTAT-7376	proteomics_stat	4013545	4013643	-	5	4	K.QPVDIATDLNAPILGLYGGQDNSIPQESVETMR.Q	37
PSTAT-7377	proteomics_stat	4013701	4013739	-	5	5	R.ITWLYAAHNPQLK.A	17
PSTAT-7378	proteomics_stat	4013794	4013850	-	5	6	K.VPDSQVLADLDHVASWASR.N	23
PSTAT-7379	proteomics_stat	4013851	4013910	-	5	6	R.EGDPNDFADIPTLLSGLVAK.V	24
PSTAT-7380	proteomics_stat	4013911	4013958	-	5	5	R.LALEGYLAIPELYFR.E	20
PSTAT-7381	proteomics_stat	4013974	4014042	-	5	2	K.QSDGPLPVVIVVQEIFGVHEHIR.D	27
PSTAT-7382	proteomics_stat	4022500	4022538	-	5	5	K.DIVDPATPYPGDK.V	17
PSTAT-7383	proteomics_stat	4022539	4022604	-	5	6	R.FGASPAIVPSAVIHQLSVYKPK.D	26
PSTAT-7384	proteomics_stat	4022626	4022715	-	5	2	R.TAVSEPLFPNYLFEVFDPEVIHTTTINATR.G	34
PSTAT-7385	proteomics_stat	4025743	4025802	-	5	10	K.INLNGGAIALGHPLGCSGAR.I	24
PSTAT-7386	proteomics_stat	4025803	4025835	-	5	5	K.DLGLIEQIDEK.I	15
PSTAT-7387	proteomics_stat	4025929	4025991	-	5	3	R.SMAVVGCDPSIMGYGPVPASK.L	25

PSTAT-7388	proteomics_stat	4026190	4026237	-	5	2	K.NEIPTGGHDADGVLK.Q	20
PSTAT-7389	proteomics_stat	4026238	4026270	-	5	2	R.AWAATQSAAF.K.N	15
PSTAT-7390	proteomics_stat	4026328	4026369	-	5	2	K.AAGMMGLTAEMLAR.M	18
PSTAT-7391	proteomics_stat	4026487	4026528	-	5	3	R.LCGSSMQALHDAAR.M	18
PSTAT-7392	proteomics_stat	4026529	4026585	-	5	7	R.NAALLAEVPHSVPAVTVNR.L	23
PSTAT-7393	proteomics_stat	4026586	4026672	-	5	4	R.NPALEAAALDDIYWGCVQQTLEQGFNIAR.N	33
PSTAT-7394	proteomics_stat	4026688	4026717	-	5	5	R.AEDLSAHLMR.S	14
PSTAT-7395	proteomics_stat	4026814	4026870	-	5	7	R.HNEPYPPVEPARPVGDLK.T	23
PSTAT-7396	proteomics_stat	4026883	4026948	-	5	4	K.YLDMAQQYQHGLPLYEVPEGLR.N	26
PSTAT-7397	proteomics_stat	4026976	4027071	-	5	4	R.CLEEGIIATPAEADMALVYGLGFPPFHGGAFR.W	36
PSTAT-7398	proteomics_stat	4027105	4027137	-	5	3	K.RDFSEEEIAR.M	15
PSTAT-7399	proteomics_stat	4027138	4027191	-	5	2	K.KEEDAAVEDLLAEVSQPK.R	22
PSTAT-7400	proteomics_stat	4027255	4027287	-	5	2	R.DAIDALFDANR.F	15
PSTAT-7401	proteomics_stat	4027450	4027491	-	5	4	R.VLFPYFAGFSQLLR.D	18
PSTAT-7402	proteomics_stat	4027492	4027536	-	5	4	K.TPIVVNDPCPGFFVNR.V	19
PSTAT-7403	proteomics_stat	4027600	4027623	-	5	2	R.MPLVEIIR.G	12
PSTAT-7404	proteomics_stat	4027624	4027737	-	5	3	R.QDTVLASNTSTIPISELANALERPENFCGMHFFNPVHR.M	42
PSTAT-7405	proteomics_stat	4027744	4027770	-	5	3	K.AVLAETE.QK.V	13
PSTAT-7406	proteomics_stat	4027744	4027773	-	5	4	K.KAVLAETE.QK.V	14
PSTAT-7407	proteomics_stat	4027990	4028052	-	5	3	K.QAAVLGAGIMGGGIAYQSAWK.G	25
PSTAT-7408	proteomics_stat	4028095	4028133	-	5	2	R.ALVGIFLNDQYVK.G	17
PSTAT-7409	proteomics_stat	4028134	4028169	-	5	5	K.SFVPLAHTNEAR.A	16
PSTAT-7410	proteomics_stat	4028170	4028205	-	5	6	R.FGREEALNLENK.S	16
PSTAT-7411	proteomics_stat	4028257	4028283	-	5	7	K.GMVAQTAGK.H	13
PSTAT-7412	proteomics_stat	4028428	4028454	-	5	2	K.IGLVDGVVK.A	13
PSTAT-7413	proteomics_stat	4028455	4028481	-	5	5	K.DVGADQALK.I	13
PSTAT-7414	proteomics_stat	4028836	4028904	-	5	3	K.LDTATVASLGEAIGVLEQQSDLK.G	27
PSTAT-7415	proteomics_stat	4039456	4039497	-	5	3	K.DAFVNVNTPPELAR.W	18
PSTAT-7416	proteomics_stat	4039498	4039536	-	5	3	R.LAGGHAVDFSDHK.D	17
PSTAT-7417	proteomics_stat	4039822	4039854	-	5	4	R.HQEIQASGLK.V	15
PSTAT-7418	proteomics_stat	4048510	4048563	-	5	2	R.LVDLPGYGYAEVPEEMKR.K	22
PSTAT-7419	proteomics_stat	4048564	4048605	-	5	5	R.TQLINLFEVADGKR.L	18
PSTAT-7420	proteomics_stat	4048639	4048671	-	5	4	K.SSALNTLTNQK.S	15
PSTAT-7421	proteomics_stat	4048687	4048731	-	5	4	R.HLPSDTGIEVAFAGR.S	19
PSTAT-7422	proteomics_stat	4048732	4048785	-	5	6	L.TNLNYQQTHFVMSAPDIR.H	22
PSTAT-7423	proteomics_stat	4052009	4052056	-	6	2	R.SGHQNLSEAQPELER.T	20
PSTAT-7424	proteomics_stat	4052252	4052287	-	6	5	K.LLHPETEALTR.L	16
PSTAT-7425	proteomics_stat	4052915	4052950	-	6	6	R.AISHYQEQQPR.N	16
PSTAT-7426	proteomics_stat	4053970	4054014	-	5	3	R.LSQEQLQHAQQVAAR.D	19
PSTAT-7427	proteomics_stat	4054651	4054692	-	5	10	R.MTPHPVEFELYYSV.-	18
PSTAT-7428	proteomics_stat	4054717	4054767	-	5	269	K.AGGVFTDEAIDAYIALR.R	21
PSTAT-7429	proteomics_stat	4054768	4054815	-	5	2	S.LEEALNELDLDRFLK.A	20
PSTAT-7430	proteomics_stat	4054768	4054833	-	5	2	I.PQVAGSLEEALNELDLDRFLK.A	26
PSTAT-7431	proteomics_stat	4054768	4054839	-	5	15	K.EIPQVAGSLEEALNELDLDRFLK.A	28
PSTAT-7432	proteomics_stat	4054768	4054872	-	5	5	K.NLYDLPPEEAKEIPQVAGSLEEALNELDLDRFLK.A	39
PSTAT-7433	proteomics_stat	4054780	4054872	-	5	2	K.NLYDLPPEEAKEIPQVAGSLEEALNELDLDR.E	35



PSTAT-7434	proteomics_stat	4054840	4054899	-	5	10	K.IHPGEAMDKNLYDLPPEEAK.E	24
PSTAT-7435	proteomics_stat	4054900	4054977	-	5	10	R.FPDPAANPYLCFAALLMAGLDGIKNK.I	30
PSTAT-7436	proteomics_stat	4054906	4054977	-	5	18	R.FPDPAANPYLCFAALLMAGLDGIKN.N	28
PSTAT-7437	proteomics_stat	4054999	4055022	-	5	3	R.IPVVSSPK.A	12
PSTAT-7438	proteomics_stat	4055044	4055088	-	5	3	L.VPGYEAPVMLAYSAR.N	19
PSTAT-7439	proteomics_stat	4055044	4055091	-	5	6	R.LVPGYEAPVMLAYSAR.N	20
PSTAT-7440	proteomics_stat	4055092	4055136	-	5	13	K.AINALANPTTNSYKR.L	19
PSTAT-7441	proteomics_stat	4055095	4055136	-	5	14	K.AINALANPTTNSYK.R	18
PSTAT-7442	proteomics_stat	4055146	4055193	-	5	2	Y.AGLSEQALYYIGGVK.H	20
PSTAT-7443	proteomics_stat	4055146	4055196	-	5	85	K.YAGLSEQALYYIGGVK.H	21
PSTAT-7444	proteomics_stat	4055146	4055226	-	5	300	K.NGVNLFAGDKYAGLSEQALYYIGGVK.H	31
PSTAT-7445	proteomics_stat	4055197	4055226	-	5	4	K.NGVNLFAGDK.Y	14
PSTAT-7446	proteomics_stat	4055227	4055280	-	5	6	K.PMFGDNGSGMHCHMSLSK.N	22
PSTAT-7447	proteomics_stat	4055338	4055361	-	5	3	K.ADEIQIYK.Y	12
PSTAT-7448	proteomics_stat	4055338	4055364	-	5	9	K.KADEIQIYK.Y	13
PSTAT-7449	proteomics_stat	4055383	4055427	-	5	3	H.HHEVATAGQNEVATR.F	19
PSTAT-7450	proteomics_stat	4055383	4055478	-	5	4	R.SEMCLVMEQMGLVVEAHHHEVATAGQNEVATR.F	36
PSTAT-7451	proteomics_stat	4055479	4055526	-	5	16	K.GGYFPVPPVDSAQDIR.S	20
PSTAT-7452	proteomics_stat	4055527	4055637	-	5	7	R.FGSSISGSHVAIDIEGAWNSSTQYEGGNKGHRPAVK.G	41
PSTAT-7453	proteomics_stat	4055548	4055637	-	5	27	R.FGSSISGSHVAIDIEGAWNSSTQYEGGNK.G	34
PSTAT-7454	proteomics_stat	4055638	4055679	-	5	2	L.FGPEPEFFLFDDIR.F	18
PSTAT-7455	proteomics_stat	4055638	4055706	-	5	123	R.STGIADTVLFGPEPEFFLFDDIR.F	27
PSTAT-7456	proteomics_stat	4055707	4055727	-	5	5	K.RAEDYLR.S	11
PSTAT-7457	proteomics_stat	4055791	4055850	-	5	15	M.PDASTAVIDPFFADSTLIIR.C	24
PSTAT-7458	proteomics_stat	4055791	4055853	-	5	2	L.MPDASTAVIDPFFADSTLIIR.C	25
PSTAT-7459	proteomics_stat	4055791	4055880	-	5	116	K.GINESDMVMPDASTAVIDPFFADSTLIIR.C	34
PSTAT-7460	proteomics_stat	4055881	4055910	-	5	5	M.FDGSSIGGWK.G	14
PSTAT-7461	proteomics_stat	4055881	4055913	-	5	4	K.MFDGSSIGGWK.G	15
PSTAT-7462	proteomics_stat	4055914	4055973	-	5	16	K.EQHVTIPAHQVNAEFFEKG.M	24
PSTAT-7463	proteomics_stat	4055914	4055979	-	5	39	K.GKEQHVTIPAHQVNAEFFEKG.M	26
PSTAT-7464	proteomics_stat	4056010	4056051	-	5	5	S.AEHVLTMLNEHEVK.F	18
PSTAT-7465	proteomics_stat	4056010	4056054	-	5	38	M.SAEHVLTMLNEHEVK.F	19
PSTAT-7466	proteomics_stat	4080558	4080614	-	4	2	R.DTVGNNGVYDNPNDLSAK.S	23
PSTAT-7467	proteomics_stat	4081056	4081100	-	4	2	L.QPEQFVEIGESLANK.L	19
PSTAT-7468	proteomics_stat	4081056	4081124	-	4	2	K.HALLNAILQPEQFVEIGESLANK.L	27
PSTAT-7469	proteomics_stat	4083375	4083422	-	4	2	R.DANYIAQNAEGVTNR.W	20
PSTAT-7470	proteomics_stat	4102009	4102071	-	5	2	K.ANQLWSEVLDAFAEQMGK.S	25
PSTAT-7471	proteomics_stat	4103079	4103108	-	4	6	R.AIDMHISNLR.R	14
PSTAT-7472	proteomics_stat	4103130	4103159	-	4	5	R.EHLSQEVLGK.R	14
PSTAT-7473	proteomics_stat	4103259	4103342	-	4	7	R.SHWSEQQNNNDNGSPTLEVDALVLPGR.Q	32
PSTAT-7474	proteomics_stat	4103379	4103435	-	4	5	R.VLGLELGADDYLPKPFNDR.E	23
PSTAT-7475	proteomics_stat	4103454	4103492	-	4	7	R.QTHQTPVIMLTAR.G	17
PSTAT-7476	proteomics_stat	4103502	4103525	-	4	6	K.KNGIDTLK.A	12
PSTAT-7477	proteomics_stat	4103640	4103684	-	4	4	K.ILLVDDDRELTSLLK.E	19
PSTAT-7478	proteomics_stat	4108790	4108816	-	6	4	K.ADAFAVIVK.A	13
PSTAT-7479	proteomics_stat	4108817	4108942	-	6	23	K.VDANIAEQVVIQYGGSVNASNAELFAQPDIDGALVGGASLK.A	46

PSTAT-7480	proteomics_stat	4108967	4108993	-	6	4	T.PAQAVHK.F	13
PSTAT-7481	proteomics_stat	4108967	4108996	-	6	4	A.TPAQAVHK.F	14
PSTAT-7482	proteomics_stat	4108967	4109002	-	6	23	K.SATPAQAVHK.F	16
PSTAT-7483	proteomics_stat	4108970	4109002	-	6	3	K.SATPAQAVH.K	15
PSTAT-7484	proteomics_stat	4109003	4109074	-	6	53	K.TQGAAAFEGAVIAYEPVWAIGTGK.S	28
PSTAT-7485	proteomics_stat	4109117	4109179	-	6	3	K.EQGLTPVLCIGETEAEAGK.T	25
PSTAT-7486	proteomics_stat	4109195	4109221	-	6	3	K.ESEDELIKK.F	13
PSTAT-7487	proteomics_stat	4109195	4109233	-	6	4	R.TYHKESDELIKK.F	17
PSTAT-7488	proteomics_stat	4109237	4109278	-	6	17	K.DIGAQYIIIGHSER.R	18
PSTAT-7489	proteomics_stat	4109279	4109374	-	6	199	R.EAEGSHIMLGAQNVDLNLSGAFTGETSAAMLK.D	36
PSTAT-7490	proteomics_stat	4109279	4109377	-	6	2	K.REAEGSHIMLGAQNVDLNLSGAFTGETSAAMLK.D	37
PSTAT-7491	proteomics_stat	4109375	4109446	-	6	6	K.ELAGVAGCAVAIAPPEMYIDMAKR.E	28
PSTAT-7492	proteomics_stat	4109378	4109446	-	6	10	K.ELAGVAGCAVAIAPPEMYIDMAKR.R	27
PSTAT-7493	proteomics_stat	4109450	4109482	-	6	15	R.HMVHELVSNLK.K	15
PSTAT-7494	proteomics_stat	4111839	4111883	-	4	2	K.ETSHVMLCGNPQMVR.D	19
PSTAT-7495	proteomics_stat	4112016	4112063	-	4	2	R.YAADLSYLPLMQELEK.R	20
PSTAT-7496	proteomics_stat	4112274	4112345	-	4	3	R.AYSYVNSPDNDLEFYLVTPDGK.L	28
PSTAT-7497	proteomics_stat	4112382	4112462	-	4	3	K.VQNWTDALFSLTVHAPVLPFTAGQFTK.L	31
PSTAT-7498	proteomics_stat	4113063	4113104	-	4	2	R.HDAVIAEMQQLGVR.V	18
PSTAT-7499	proteomics_stat	4113105	4113170	-	4	5	R.NVAAALGKPLSELTVTILAKPR.H	26
PSTAT-7500	proteomics_stat	4113806	4113838	-	6	4	R.EFRPGIETTER.N	15
PSTAT-7501	proteomics_stat	4113854	4113934	-	6	13	R.EVTALGAAYLAGLAVGFQNLDELQEK.A	31
PSTAT-7502	proteomics_stat	4113956	4114021	-	6	11	R.VDGGAVANNFLMQFQSDILGTR.V	26
PSTAT-7503	proteomics_stat	4114037	4114075	-	6	4	R.DVLEAMQADSGIR.L	17
PSTAT-7504	proteomics_stat	4114076	4114108	-	6	3	R.ATLESIAQTR.D	15
PSTAT-7505	proteomics_stat	4114160	4114237	-	6	3	K.VQNTNGVYVPAFTGLGAPYWDPYAR.G	30
PSTAT-7506	proteomics_stat	4114238	4114279	-	6	4	K.LINDAYDSEYFATK.V	18
PSTAT-7507	proteomics_stat	4114409	4114456	-	6	4	K.NTYGTGCFMLMNTGEK.A	20
PSTAT-7508	proteomics_stat	4114472	4114534	-	6	3	R.IPISGIAGDQQAALFGQLCVK.E	25
PSTAT-7509	proteomics_stat	4114547	4114585	-	6	4	R.SSEVYGQTNIGGK.G	17
PSTAT-7510	proteomics_stat	4114547	4114588	-	6	5	R.RSSEVYGQTNIGGK.G	18
PSTAT-7511	proteomics_stat	4114637	4114678	-	6	5	R.TMLFNIHTLDWDDK.M	18
PSTAT-7512	proteomics_stat	4114679	4114711	-	6	8	R.VHVTDYTNASR.T	15
PSTAT-7513	proteomics_stat	4114787	4114813	-	6	6	W.ILDHVEGSR.E	13
PSTAT-7514	proteomics_stat	4114787	4114816	-	6	2	K.WILDHVEGSR.E	14
PSTAT-7515	proteomics_stat	4114868	4114891	-	6	4	R.DGLEDYIR.S	12
PSTAT-7516	proteomics_stat	4114925	4114969	-	6	3	K.ETGKPIYNAIVWQCR.R	19
PSTAT-7517	proteomics_stat	4114994	4115044	-	6	7	K.ADISSDQIAAIGITNQR.E	21
PSTAT-7518	proteomics_stat	4115144	4115191	-	6	4	R.AVVMHDANIISVSQR.E	20
PSTAT-7519	proteomics_stat	4116871	4116963	-	5	5	R.VNFGGVTFFSGDHLYADNTGIILSEDPLDIE.-	35
PSTAT-7520	proteomics_stat	4116964	4117017	-	5	4	M.AAIPVGAAGEGIGESDVR.V	22
PSTAT-7521	proteomics_stat	4116964	4117062	-	5	2	R.QVDDLEELDIGIQAMAAIPVGAAGEGIGESDVR.V	37
PSTAT-7522	proteomics_stat	4117063	4117113	-	5	28	R.LAVQNEWEGLYIYGAVR.Q	21
PSTAT-7523	proteomics_stat	4117114	4117140	-	5	4	R.ALVDAELAR.L	13
PSTAT-7524	proteomics_stat	4117183	4117233	-	5	2	K.CFEDNGLLYDLLEQNGR.G	21
PSTAT-7525	proteomics_stat	4117267	4117347	-	5	8	K.YDTSELCDIYQEDVNVVEPLFSNFGGR.A	31

PSTAT-7526	proteomics_stat	4117267	4117353	-	5	23	P.MKYDTSELCDIYQEDVNVVEPLFSNFGGR.A	33
PSTAT-7527	proteomics_stat	4118451	4118483	-	4	2	L.DALVADEDLSR.F	15
PSTAT-7528	proteomics_stat	4118451	4118489	-	4	8	K.HLDALVADEDLSR.F	17
PSTAT-7529	proteomics_stat	4118490	4118567	-	4	2	R.LMEEISYDASDLGQNTIDADYVSK.H	30
PSTAT-7530	proteomics_stat	4118592	4118645	-	4	4	R.IAEAAWQVNESTENIGAR.R	22
PSTAT-7531	proteomics_stat	4118703	4118744	-	4	4	R.ILTEPNASITVQYK.A	18
PSTAT-7532	proteomics_stat	4118745	4118783	-	4	2	R.VELQALTTSDFER.I	17
PSTAT-7533	proteomics_stat	4118745	4118795	-	4	3	R.LPIRVELQALTTSDFER.I	21
PSTAT-7534	proteomics_stat	4118796	4118876	-	4	26	K.TDHILFIASGAFQIAKPSDLIPELQGR.L	31
PSTAT-7535	proteomics_stat	4118892	4118933	-	4	8	R.DLLPLVEGCTVSTK.H	18
PSTAT-7536	proteomics_stat	4118949	4118981	-	4	12	K.RGESSGPDVSR.E	15
PSTAT-7537	proteomics_stat	4118982	4119050	-	4	8	K.QDAIDAVEQHGIVFIDEIDKICK.R	27
PSTAT-7538	proteomics_stat	4118982	4119074	-	4	4	K.LVNPEELKQDAIDAVEQHGIVFIDEIDKICK.R	35
PSTAT-7539	proteomics_stat	4118991	4119050	-	4	3	K.QDAIDAVEQHGIVFIDEIDK.I	24
PSTAT-7540	proteomics_stat	4118991	4119074	-	4	5	K.LVNPEELKQDAIDAVEQHGIVFIDEIDK.I	32
PSTAT-7541	proteomics_stat	4119075	4119101	-	4	3	K.LLIEEEAAK.L	13
PSTAT-7542	proteomics_stat	4119303	4119350	-	4	5	K.NNWGQTEQQQEPSAAR.Q	20
PSTAT-7543	proteomics_stat	4119351	4119380	-	4	2	R.ILDVLIPPAK.N	14
PSTAT-7544	proteomics_stat	4119381	4119410	-	4	9	R.YRAEELAEER.I	14
PSTAT-7545	proteomics_stat	4119444	4119467	-	4	3	R.DLTDAAVK.M	12
PSTAT-7546	proteomics_stat	4119531	4119554	-	4	3	K.LANAPFIK.V	12
PSTAT-7547	proteomics_stat	4119582	4119617	-	4	5	K.NILMIGPTGVGK.T	16
PSTAT-7548	proteomics_stat	4119618	4119659	-	4	4	R.MQLNEELRHEVTPK.N	18
PSTAT-7549	proteomics_stat	4119696	4119725	-	4	2	K.HIIGQDNAKR.S	14
PSTAT-7550	proteomics_stat	4119696	4119749	-	4	7	R.EIVSELDKHIIGQDNAKR.S	22
PSTAT-7551	proteomics_stat	4119699	4119725	-	4	7	K.HIIGQDNAK.R	13
PSTAT-7552	proteomics_stat	4119699	4119749	-	4	5	R.EIVSELDKHIIGQDNAK.R	21
PSTAT-7553	proteomics_stat	4120224	4120283	-	4	16	R.NGHVVIAGDGQATLGNTVMK.G	24
PSTAT-7554	proteomics_stat	4120454	4120486	-	6	5	K.GKENADSTLNR.L	15
PSTAT-7555	proteomics_stat	4120637	4120669	-	6	2	R.AADAPKPTAEK.K	15
PSTAT-7556	proteomics_stat	4120775	4120810	-	6	2	R.TSQAAPVQAQPR.Q	16
PSTAT-7557	proteomics_stat	4120862	4120891	-	6	3	R.QAQQLAEQQR.L	14
PSTAT-7558	proteomics_stat	4121036	4121071	-	6	2	R.APTEPSAGGEVK.T	16
PSTAT-7559	proteomics_stat	4121117	4121155	-	6	5	K.VTGNGLPPKPEER.W	17
PSTAT-7560	proteomics_stat	4122441	4122467	-	4	2	K.KQETAATMK.D	13
PSTAT-7561	proteomics_stat	4124792	4124830	-	6	2	M.PVAHVALPVPLPR.T	17
PSTAT-7562	proteomics_stat	4126149	4126175	-	4	2	R.SDEIPEAAK.E	13
PSTAT-7563	proteomics_stat	4126149	4126181	-	4	2	K.ERSDEIPEAAK.E	15
PSTAT-7564	proteomics_stat	4126182	4126268	-	4	25	R.HATNSELLCEAFLHAFTGQPLPDDADLRK.E	33
PSTAT-7565	proteomics_stat	4126185	4126268	-	4	22	R.HATNSELLCEAFLHAFTGQPLPDDADLRK.K	32
PSTAT-7566	proteomics_stat	4126221	4126268	-	4	4	R.HATNSELLCEAFLHAF.T	20
PSTAT-7567	proteomics_stat	4126323	4126349	-	4	2	K.KITVSIPLK.V	13
PSTAT-7568	proteomics_stat	4126365	4126415	-	4	9	M.AEWSGEYISPYAEHGKK.S	21
PSTAT-7569	proteomics_stat	4135549	4135599	-	5	2	T.VVQIQANTNLAIDGAR.Q	21
PSTAT-7570	proteomics_stat	4136363	4136410	-	6	2	K.AMLAAEQHVVTPALER.V	20
PSTAT-7571	proteomics_stat	4136519	4136569	-	6	7	R.LLAAGIGDALATWFEAR.A	21

PSTAT-7572	proteomics_stat	4136774	4136827	-	6	3	R.GIAETAQCAGAILGIGGGK.T	22
PSTAT-7573	proteomics_stat	4136834	4136899	-	6	4	K.DAGLVVEIAPFGGECSEQNEIDR.L	26
PSTAT-7574	proteomics_stat	4136999	4137028	-	6	2	K.YIQGADVIR.L	14
PSTAT-7575	proteomics_stat	4137354	4137428	-	4	4	K.EGITTLGTAVYSAAQGLLAALAGAK.Y	29
PSTAT-7576	proteomics_stat	4146750	4146773	-	4	3	R.DFSQDVDR.K	12
PSTAT-7577	proteomics_stat	4146795	4146836	-	4	7	R.HMYTIPFLLWTSEK.W	18
PSTAT-7578	proteomics_stat	4147143	4147202	-	4	3	R.EYDTNVLKPFQEVLPNDPAPK.K	24
PSTAT-7579	proteomics_stat	4147218	4147253	-	4	3	R.QTDKQYMNQQR.T	16
PSTAT-7580	proteomics_stat	4147281	4147319	-	4	5	K.TFWITNQQTMTAR.N	17
PSTAT-7581	proteomics_stat	4147671	4147721	-	4	4	R.MEPAAPWQFLTGYQYR.Q	21
PSTAT-7582	proteomics_stat	4148482	4148532	-	5	65	R.VEQALMVTIAGIAAGMR.N	21
PSTAT-7583	proteomics_stat	4148575	4148625	-	5	19	R.NIYTDPLNVLQAELLHR.S	21
PSTAT-7584	proteomics_stat	4148626	4148700	-	5	151	K.VVLAIANDSLHMLADLPWIAESIQLR.N	29
PSTAT-7585	proteomics_stat	4148701	4148724	-	5	3	R.NLQEEDIK.V	12
PSTAT-7586	proteomics_stat	4148767	4148802	-	5	5	K.ADLWLAEYDQR.L	16
PSTAT-7587	proteomics_stat	4148803	4148832	-	5	3	R.LGMLEMVFAK.A	14
PSTAT-7588	proteomics_stat	4148857	4148883	-	5	2	K.QSELEAMCR.D	13
PSTAT-7589	proteomics_stat	4148857	4148901	-	5	8	K.VVEDGKQSELEAMCR.D	19
PSTAT-7590	proteomics_stat	4148902	4148946	-	5	11	R.LMLPAWLGAAGTALQK.V	19
PSTAT-7591	proteomics_stat	4148947	4148982	-	5	10	R.AIPWIFAWTQNR.L	16
PSTAT-7592	proteomics_stat	4149016	4149072	-	5	17	R.SATPEQELGKPLGSRPAK.R	23
PSTAT-7593	proteomics_stat	4149025	4149072	-	5	5	R.SATPEQELGKPLGSR.P	20
PSTAT-7594	proteomics_stat	4149073	4149102	-	5	4	R.ENKDFVPYFR.S	14
PSTAT-7595	proteomics_stat	4149115	4149150	-	5	2	M.DELSVISCDVYR.G	16
PSTAT-7596	proteomics_stat	4149115	4149156	-	5	8	R.IMDELSVISCDVYR.G	18
PSTAT-7597	proteomics_stat	4149115	4149159	-	5	2	R.RIMDELSVISCDVYR.G	19
PSTAT-7598	proteomics_stat	4149268	4149294	-	5	3	R.VTEQGEMIR.F	13
PSTAT-7599	proteomics_stat	4149307	4149360	-	5	27	R.GGAPAAHALLSQPPGSLK.G	22
PSTAT-7600	proteomics_stat	4149379	4149408	-	5	2	A.GIELTLFHGR.G	14
PSTAT-7601	proteomics_stat	4149379	4149411	-	5	16	K.AGIELTLFHGR.G	15
PSTAT-7602	proteomics_stat	4149424	4149483	-	5	12	K.DAGVMAASWAQYQAQDALIK.T	24
PSTAT-7603	proteomics_stat	4149484	4149519	-	5	2	K.QMVMIGYSDSAK.D	16
PSTAT-7604	proteomics_stat	4149649	4149687	-	5	28	K.TPSDVLAVHLLK.E	17
PSTAT-7605	proteomics_stat	4149688	4149765	-	5	30	R.EVLDTQCQVIAEAPQGSIAAYVISMAK.T	30
PSTAT-7606	proteomics_stat	4149826	4149888	-	5	8	R.YLGIGDYESWSEADKQAF.LR.E	25
PSTAT-7607	proteomics_stat	4149835	4149888	-	5	2	R.YLGIGDYESWSEADKQAF.L	22
PSTAT-7608	proteomics_stat	4149889	4149918	-	5	17	R.HTEALGELTR.Y	14
PSTAT-7609	proteomics_stat	4150123	4150155	-	5	4	R.LMATQAWLEAR.L	15
PSTAT-7610	proteomics_stat	4150183	4150278	-	5	4	K.DIQVLVSELSMVEATPELLALVGEEGAAEPYR.Y	36
PSTAT-7611	proteomics_stat	4150327	4150362	-	5	17	R.DGNPNVTADITR.H	16
PSTAT-7612	proteomics_stat	4150327	4150389	-	5	4	R.FTSWMGGDRDGNPNVTADITR.H	25
PSTAT-7613	proteomics_stat	4150390	4150416	-	5	6	K.LPVEFVVR.F	13
PSTAT-7614	proteomics_stat	4150390	4150455	-	5	12	R.ELNEQLEENLGKLPVEFVVR.F	26
PSTAT-7615	proteomics_stat	4150417	4150455	-	5	8	R.ELNEQLEENLGK.L	17
PSTAT-7616	proteomics_stat	4150456	4150506	-	5	3	G.FAVVENSLWQGVPNYLR.E	21
PSTAT-7617	proteomics_stat	4150513	4150542	-	5	5	K.LRPSPVDEAK.W	14

PSTAT-7618	proteomics_stat	4150513	4150545	-	5	2	R.KLRPSPVDEAK.W	15
PSTAT-7619	proteomics_stat	4150543	4150584	-	5	13	R.QLIAQSWHTDEIRK.L	18
PSTAT-7620	proteomics_stat	4150546	4150584	-	5	2	R.QLIAQSWHTDEIR.K	17
PSTAT-7621	proteomics_stat	4150594	4150629	-	5	3	K.DIADYEHNQLMR.R	16
PSTAT-7622	proteomics_stat	4150594	4150644	-	5	8	K.QLDNKDIADYEHNQLMR.R	21
PSTAT-7623	proteomics_stat	4150690	4150749	-	5	2	K.AVESLSLELVLTAHPTEITR.R	24
PSTAT-7624	proteomics_stat	4150750	4150785	-	5	7	K.NQPELSEDTIKK.A	16
PSTAT-7625	proteomics_stat	4150750	4150791	-	5	11	K.LKNQPELSEDTIKK.A	18
PSTAT-7626	proteomics_stat	4150753	4150791	-	5	6	K.LKNQPELSEDTIK.K	17
PSTAT-7627	proteomics_stat	4150804	4150839	-	5	5	K.GEAASNPEVIAR.T	16
PSTAT-7628	proteomics_stat	4150840	4150902	-	5	15	R.AFSQFLNLANTAQYHSISPK.G	25
PSTAT-7629	proteomics_stat	4150903	4150962	-	5	8	R.QELLTTLQNLNSDELPPVAR.A	24
PSTAT-7630	proteomics_stat	4150903	4150983	-	5	8	R.AGNDANRQELLTTLQNLNSDELPPVAR.A	31
PSTAT-7631	proteomics_stat	4151020	4151049	-	5	3	K.DALGEHILER.V	14
PSTAT-7632	proteomics_stat	4151020	4151067	-	5	4	V.LGETIKDALGEHILER.V	20
PSTAT-7633	proteomics_stat	4151020	4151070	-	5	22	K.VLGETIKDALGEHILER.V	21
PSTAT-7634	proteomics_stat	4151023	4151070	-	5	2	K.VLGETIKDALGEHILE.R	20
PSTAT-7635	proteomics_stat	4151071	4151094	-	5	3	R.SNVSMGLK.V	12
PSTAT-7636	proteomics_stat	4151095	4151121	-	5	2	N.MNEQYSALR.S	13
PSTAT-7637	proteomics_stat	4151914	4151994	-	5	3	R.LTVDELHPPIPGYECPNHLVEVVEK.L	31
PSTAT-7638	proteomics_stat	4152007	4152078	-	5	20	R.PLPGMTLNLNGLNDALAPVSR.W	28
PSTAT-7639	proteomics_stat	4152211	4152267	-	5	15	R.GVNAIELMHDAIGHILQLR.D	23
PSTAT-7640	proteomics_stat	4152268	4152306	-	5	12	R.IQQSGHSSDPAR.G	17
PSTAT-7641	proteomics_stat	4152340	4152414	-	5	3	R.YFAETTALRPDCAIIGEPTSLQPVR.A	29
PSTAT-7642	proteomics_stat	4152415	4152471	-	5	2	K.KPLYILATADEETSMAGAR.Y	23
PSTAT-7643	proteomics_stat	4152529	4152591	-	5	3	R.DPFTLTEHDGKLYGLGTADMK.G	25
PSTAT-7644	proteomics_stat	4152601	4152687	-	5	5	K.FNMLASIGQGAGGLLLAGHTDTPFDDGR.W	33
PSTAT-7645	proteomics_stat	4152601	4152693	-	5	14	R.NKFNMLASIGQGAGGLLLAGHTDTPFDDGR.W	35
PSTAT-7646	proteomics_stat	4152694	4152738	-	5	6	K.DLGFNVEVQPVPGR.N	19
PSTAT-7647	proteomics_stat	4152832	4152864	-	5	3	K.NKLPPFIEIYR.A	15
PSTAT-7648	proteomics_stat	4157521	4157565	-	5	4	R.AAEIIHIGQAIIMEQK.G	19
PSTAT-7649	proteomics_stat	4157731	4157808	-	5	5	K.GEATAHLIEDIPTGIYTIPEISSVGK.T	30
PSTAT-7650	proteomics_stat	4158001	4158036	-	5	2	K.LKADCLLYANGR.T	16
PSTAT-7651	proteomics_stat	4158049	4158108	-	5	7	R.HNEEYKIEGCDDGVIMHLK.S	24
PSTAT-7652	proteomics_stat	4158283	4158327	-	5	3	R.IYSDSILSMHHEPR.H	19
PSTAT-7653	proteomics_stat	4158460	4158492	-	5	2	R.NHCEILQGNAR.F	15
PSTAT-7654	proteomics_stat	4158517	4158573	-	5	4	R.SSFADILNHADNVINQQTR.M	23
PSTAT-7655	proteomics_stat	4158583	4158627	-	5	3	R.IIEFNQNPLYSDHSR.L	19
PSTAT-7656	proteomics_stat	4158652	4158702	-	5	3	R.YQNVGGGCTHWGTIPSK.A	21
PSTAT-7657	proteomics_stat	4158733	4158810	-	5	2	M.PHSYDYDAIVIGSGPGGEGAAMGLVK.Q	30
PSTAT-7658	proteomics_stat	4160388	4160426	-	4	2	K.SYQCETIFVDPPR.S	17
PSTAT-7659	proteomics_stat	4160460	4160501	-	4	5	R.MAAEEFTQAMNGVR.E	18
PSTAT-7660	proteomics_stat	4160502	4160591	-	4	2	R.VLATEIAKPSVAAAQYNIAANHIDNVQIIR.M	34
PSTAT-7661	proteomics_stat	4160670	4160747	-	4	2	R.QVENSFTQPNAAMNIQMLEWALDVTK.G	30
PSTAT-7662	proteomics_stat	4160829	4160861	-	4	5	R.AQNLNVHLIGR.A	15
PSTAT-7663	proteomics_stat	4161006	4161074	-	4	2	R.VDSFPAASELINQLMTAMIAGVR.N	27

PSTAT-7664	proteomics_stat	4161087	4161140	-	4	3	R.IWHDGDDLYHIIFDQQT.K.S	22
PSTAT-7665	proteomics_stat	4161180	4161230	-	4	7	R.LQSMMPFSDLVPEVFR.S	21
PSTAT-7666	proteomics_stat	4172111	4172140	-	6	5	K.SANHAVEEVR.L	14
PSTAT-7667	proteomics_stat	4172258	4172311	-	6	4	K.FREGAFTDPDSYFHNYAK.L	22
PSTAT-7668	proteomics_stat	4172639	4172692	-	6	10	R.RVELITTDGFLHPNQVLK.E	22
PSTAT-7669	proteomics_stat	4172792	4172833	-	6	4	R.QAVLEQFLGTNGQR.I	18
PSTAT-7670	proteomics_stat	4172936	4172977	-	6	3	R.DSVPMTLSEDEIAR.L	18
PSTAT-7671	proteomics_stat	4183381	4183428	-	5	3	I.ASNSSVLVCAFRNFNK.S	20
PSTAT-7672	proteomics_stat	4190566	4190601	-	5	2	K.FASSQLMVEAIR.A	16
PSTAT-7673	proteomics_stat	4190602	4190649	-	5	5	R.IADKTFDSDLFTGTGK.F	20
PSTAT-7674	proteomics_stat	4190979	4191044	-	4	4	R.TAGVVGPVVGVMGTLQALEAIK.L	26
PSTAT-7675	proteomics_stat	4192147	4192191	-	5	2	R.SGLYPVVDVSVQWIER.L	19
PSTAT-7676	proteomics_stat	4192395	4192433	-	4	5	R.AYHDETLQPESGK.V	17
PSTAT-7677	proteomics_stat	4192539	4192568	-	4	11	K.IAAHAADLAK.G	14
PSTAT-7678	proteomics_stat	4192590	4192625	-	4	3	K.EHLGLPNKEDVK.Q	16
PSTAT-7679	proteomics_stat	4193106	4193174	-	4	3	R.DTLLEQAEQGVDFTHAGVLLR.Y	27
PSTAT-7680	proteomics_stat	4193175	4193216	-	4	2	K.VNGIAEDLTWEAFR.D	18
PSTAT-7681	proteomics_stat	4193217	4193267	-	4	3	R.NSPVPIGTVPYQALEK.V	21
PSTAT-7682	proteomics_stat	4193619	4193660	-	4	3	R.QGIITPEMEFIAIR.E	18
PSTAT-7683	proteomics_stat	4193811	4193837	-	4	2	K.LRQPWIDAR.G	13
PSTAT-7684	proteomics_stat	4193838	4193942	-	4	3	K.EQPQYEENEAPVYDTSGPYGDPOIAINVQGLAK.L	39
PSTAT-7685	proteomics_stat	4194027	4194080	-	4	2	R.AQHFDITLLEGTAFPNSKR.I	22
PSTAT-7686	proteomics_stat	4194030	4194080	-	4	4	R.AQHFDITLLEGTAFPNSK.R	21
PSTAT-7687	proteomics_stat	4194568	4194606	-	5	3	R.ILHKLEGNGQLAR.A	17
PSTAT-7688	proteomics_stat	4194607	4194675	-	5	4	K.ALDDFCQSLVDYLSAGHFSIYER.I	27
PSTAT-7689	proteomics_stat	4196826	4196912	-	4	15	R.LRRSDPVDLYRVDPRGSQKKPVRFVERVM.T	33
PSTAT-7690	proteomics_stat	4202758	4202805	-	5	3	R.VLCVTALGHTVAEAQK.R	20
PSTAT-7691	proteomics_stat	4202806	4202841	-	5	3	L.ADDEQVVTNGGR.V	16
PSTAT-7692	proteomics_stat	4202806	4202844	-	5	7	K.LADDEQVVTNGGR.V	17
PSTAT-7693	proteomics_stat	4202866	4202916	-	5	6	R.TGDVIHGLPLEEVAGGK.V	21
PSTAT-7694	proteomics_stat	4202917	4202967	-	5	4	R.ASLGVVMAAGGYPGDYR.T	21
PSTAT-7695	proteomics_stat	4203049	4203084	-	5	2	R.FGDPETQPIMLR.M	16
PSTAT-7696	proteomics_stat	4203085	4203156	-	5	2	Y.TGFLYAGLMIDKQGNPKVIEFNCR.F	28
PSTAT-7697	proteomics_stat	4203217	4203291	-	5	2	K.DTGPNTGGMGAYSPAPVVTDDVHQR.T	29
PSTAT-7698	proteomics_stat	4203217	4203303	-	5	3	R.VGDKDTGPNTGGMGAYSPAPVVTDDVHQR.T	33
PSTAT-7699	proteomics_stat	4203406	4203495	-	5	39	K.GVIVAMTLEEAEEAAVHDMLAGNAFGDAGHR.I	34
PSTAT-7700	proteomics_stat	4203547	4203612	-	5	5	R.HKIPTAEYQNFTEVEPALAYLR.E	26
PSTAT-7701	proteomics_stat	4203640	4203684	-	5	3	K.IFGPTAGAAQLEGSK.A	19
PSTAT-7702	proteomics_stat	4203721	4203762	-	5	4	K.IDLTIVGPEAPLVK.G	18
PSTAT-7703	proteomics_stat	4203763	4203900	-	5	6	K.AAQSPLVETVFPAGNAGTALEPALQNVAIGVTDIPALLDFAQNEK.I	50
PSTAT-7704	proteomics_stat	4203901	4203921	-	5	4	R.EHALAWK.A	11
PSTAT-7705	proteomics_stat	4204044	4204109	-	4	2	R.DGIDAAAAAGVTCVIQPGGSIR.D	26
PSTAT-7706	proteomics_stat	4204149	4204175	-	4	2	K.AADEGLEVK.G	13
PSTAT-7707	proteomics_stat	4204206	4204247	-	4	4	K.NNMTIGIGAGQMSR.V	18
PSTAT-7708	proteomics_stat	4204248	4204271	-	4	3	K.SNAIVYAK.N	12
PSTAT-7709	proteomics_stat	4204311	4204337	-	4	3	K.RQPSEQELR.D	13

PSTAT-7710	proteomics_stat	4204350	4204382	-	4	7	R.DLGMVGAEEELR.V	15
PSTAT-7711	proteomics_stat	4204383	4204415	-	4	2	K.RVNGGLLVQDR.D	15
PSTAT-7712	proteomics_stat	4204437	4204466	-	4	2	R.VLTCGQWGER.V	14
PSTAT-7713	proteomics_stat	4204494	4204544	-	4	10	R.QFVEVIIAPSASEEALK.I	21
PSTAT-7714	proteomics_stat	4204545	4204583	-	4	6	R.ELDAETAQAIISR.Q	17
PSTAT-7715	proteomics_stat	4204584	4204628	-	4	2	K.TDPTSAFGGIIAFNR.E	19
PSTAT-7716	proteomics_stat	4204584	4204637	-	4	2	R.AYKTDPTSAFGGIIAFNR.E	22
PSTAT-7717	proteomics_stat	4204638	4204694	-	4	13	K.HANPCGVAIGNSILDAYDR.A	23
PSTAT-7718	proteomics_stat	4204695	4204781	-	4	2	K.ALSYNNIADTDAALECVKEFAEPACVIVK.H	33
PSTAT-7719	proteomics_stat	4204728	4204781	-	4	3	K.ALSYNNIADTDAALECVK.E	22
PSTAT-7720	proteomics_stat	4204782	4204820	-	4	10	K.EASVATATQVQGK.A	17
PSTAT-7721	proteomics_stat	4204821	4204874	-	4	15	R.YGENSHQQAIFYEENVK.E	22
PSTAT-7722	proteomics_stat	4204938	4205021	-	4	26	K.AFEHTAAYDSMIANYFGSMVPAYHGESK.E	32
PSTAT-7723	proteomics_stat	4205040	4205081	-	4	5	K.EMDDNEGSLTLATR.F	18
PSTAT-7724	proteomics_stat	4205040	4205108	-	4	2	K.SSDYDAIIKEMDDNEGSLTLATR.F	27
PSTAT-7725	proteomics_stat	4205082	4205108	-	4	2	K.SSDYDAIIK.E	13
PSTAT-7726	proteomics_stat	4205109	4205129	-	4	2	K.DVAIVVK.S	11
PSTAT-7727	proteomics_stat	4205109	4205138	-	4	4	K.NHKDVAIVVK.S	14
PSTAT-7728	proteomics_stat	4205151	4205213	-	4	5	R.EGCSLEDAVENIDIGGPTMVR.S	25
PSTAT-7729	proteomics_stat	4205214	4205306	-	4	5	R.GQDDAIMEEHQIQPIDMVVVNLYPFAQTVAR.E	35
PSTAT-7730	proteomics_stat	4205214	4205309	-	4	23	R.RGQDDAIMEEHQIQPIDMVVVNLYPFAQTVAR.E	36
PSTAT-7731	proteomics_stat	4205355	4205414	-	4	7	K.GLPVTEVSDYTGFPPEMDGR.V	24
PSTAT-7732	proteomics_stat	4205355	4205447	-	4	2	S.TGGTARLLAEKGLPVTEVSDYTGFPPEMDGR.V	35
PSTAT-7733	proteomics_stat	4205430	4205465	-	4	2	R.GVELLSTGGTAR.L	16
PSTAT-7734	proteomics_stat	4205466	4205504	-	4	5	K.AGIVEFAQALSAR.G	17
PSTAT-7735	proteomics_stat	4227479	4227520	-	6	2	K.AGEEAVPLEAGHRF.-	18
PSTAT-7736	proteomics_stat	4227521	4227565	-	6	3	K.GHATLGGPNTTYVFK.A	19
PSTAT-7737	proteomics_stat	4227653	4227772	-	6	2	R.TTNDMPIVDPQGF DALNFLQLINPHFTNALPEGHKGETR.E	44
PSTAT-7738	proteomics_stat	4228073	4228123	-	6	2	K.AWLEHALPLIAEQLQGR.R	21
PSTAT-7739	proteomics_stat	4229523	4229558	-	4	2	R.VLTNSETNSIKK.D	16
PSTAT-7740	proteomics_stat	4229910	4229930	-	4	3	K.LHSNLFE.-	11
PSTAT-7741	proteomics_stat	4230009	4230044	-	4	4	K.EVFGVLEPFNIR.M	16
PSTAT-7742	proteomics_stat	4230009	4230062	-	4	2	K.ACGVGKEVFGVLEPFNIR.M	22
PSTAT-7743	proteomics_stat	4230063	4230119	-	4	2	R.VEVEEGLALVALIGNDLSK.A	23
PSTAT-7744	proteomics_stat	4230291	4230338	-	4	4	R.NQTLTLLHSLNMLHSR.G	20
PSTAT-7745	proteomics_stat	4230357	4230407	-	4	6	R.AGGTLVCNKTNPPLFR.A	21
PSTAT-7746	proteomics_stat	4230381	4230407	-	4	5	R.AGGTLVCNK.T	13
PSTAT-7747	proteomics_stat	4230450	4230485	-	4	12	K.VLHPATLLPAVR.S	16
PSTAT-7748	proteomics_stat	4230486	4230539	-	4	8	R.IDEIAFAEAAEMATFGAK.V	22
PSTAT-7749	proteomics_stat	4230486	4230542	-	4	20	K.RIDEIAFAEAAEMATFGAK.V	23
PSTAT-7750	proteomics_stat	4230561	4230608	-	4	4	R.VDIWTDVPGIYTTDPR.V	20
PSTAT-7751	proteomics_stat	4230609	4230662	-	4	15	R.GGSDYTAALLAEALHASR.V	22
PSTAT-7752	proteomics_stat	4230687	4230737	-	4	18	R.LNEGLVITQGFIGSENK.G	21
PSTAT-7753	proteomics_stat	4230738	4230794	-	4	15	R.AEPDIAALAEALQLLPR.L	23
PSTAT-7754	proteomics_stat	4230987	4231004	-	4	3	K.REEIER.G	10
PSTAT-7755	proteomics_stat	4230987	4231004	-	4	3	K.REEIER.G	10

PSTAT-7756	proteomics_stat	4230987	4231004	-	4	3	K.REEIER.G	10
PSTAT-7757	proteomics_stat	4231026	4231052	-	4	3	R.NIQFAILER.L	13
PSTAT-7758	proteomics_stat	4231155	4231190	-	4	4	R.SADIVLSDANVR.L	16
PSTAT-7759	proteomics_stat	4243264	4243302	-	5	4	R.QTVDEALKDAQTR.I	17
PSTAT-7760	proteomics_stat	4243303	4243332	-	5	5	R.TAVINAASGR.Q	14
PSTAT-7761	proteomics_stat	4243333	4243386	-	5	9	K.GEIMPNIPQMSAFWYAVR.T	22
PSTAT-7762	proteomics_stat	4243387	4243416	-	5	4	R.IAATMENAQK.G	14
PSTAT-7763	proteomics_stat	4243450	4243479	-	5	3	K.DKPLGAVALK.S	14
PSTAT-7764	proteomics_stat	4243450	4243533	-	5	2	K.EFLENYLLTDEGLEAVNKDKPLGAVALK.S	32
PSTAT-7765	proteomics_stat	4243480	4243533	-	5	7	K.EFLENYLLTDEGLEAVNK.D	22
PSTAT-7766	proteomics_stat	4243480	4243545	-	5	2	K.ELAKEFLENYLLTDEGLEAVNK.D	26
PSTAT-7767	proteomics_stat	4243534	4243611	-	5	13	K.GQPSKPFVGVLSAGINAASPNKELAK.E	30
PSTAT-7768	proteomics_stat	4243546	4243611	-	5	6	K.GQPSKPFVGVLSAGINAASPNK.E	26
PSTAT-7769	proteomics_stat	4243612	4243647	-	5	3	K.VNYGVTVLPTFK.G	16
PSTAT-7770	proteomics_stat	4243708	4243758	-	5	4	K.HMNADTDYSIAEAAFNK.G	21
PSTAT-7771	proteomics_stat	4243765	4243797	-	5	2	K.AGLTFLVDLIK.N	15
PSTAT-7772	proteomics_stat	4243798	4243827	-	5	5	K.DVGVDNAGAK.A	14
PSTAT-7773	proteomics_stat	4243798	4243839	-	5	2	K.YDIKDVGVNAGAK.A	18
PSTAT-7774	proteomics_stat	4243828	4243854	-	5	2	K.YENGGYDIK.D	13
PSTAT-7775	proteomics_stat	4243945	4243983	-	5	4	K.TWEEIPALDKELK.A	17
PSTAT-7776	proteomics_stat	4243984	4244058	-	5	2	K.LIAYPIAVEALSIIYNKDLLPNPPK.T	29
PSTAT-7777	proteomics_stat	4244008	4244058	-	5	72	K.LIAYPIAVEALSIIYNK.D	21
PSTAT-7778	proteomics_stat	4244101	4244166	-	5	3	R.FGGYASQSGLLAEITPDKAFQDK.L	26
PSTAT-7779	proteomics_stat	4244167	4244226	-	5	2	K.FPQVAATGDGPDIIFWAHDR.F	24
PSTAT-7780	proteomics_stat	4244167	4244262	-	5	5	K.VTVEHPDKLEEKFPQVAATGDGPDIIFWAHDR.F	36
PSTAT-7781	proteomics_stat	4244227	4244262	-	5	6	K.VTVEHPDKLEEK.F	16
PSTAT-7782	proteomics_stat	4244239	4244262	-	5	3	K.VTVEHPDK.L	12
PSTAT-7783	proteomics_stat	4244287	4244319	-	5	3	K.GYNGLAEVGKK.F	15
PSTAT-7784	proteomics_stat	4252144	4252197	-	5	9	R.DEGYISDSGDAEPAETMK.V	22
PSTAT-7785	proteomics_stat	4252231	4252275	-	5	4	R.LSVLHGINAPEFFDK.A	19
PSTAT-7786	proteomics_stat	4252408	4252464	-	5	4	R.QGLITLQDDELHINPAHSR.T	23
PSTAT-7787	proteomics_stat	4252465	4252521	-	5	5	R.WDRDELDPVIDALANEMQR.Q	23
PSTAT-7788	proteomics_stat	4252540	4252584	-	5	3	R.DVLMMEHVNVLYPMLK.A	19
PSTAT-7789	proteomics_stat	4252690	4252737	-	5	2	K.FEVEKDTIGDIIILPR.E	20
PSTAT-7790	proteomics_stat	4252819	4252863	-	5	3	R.EQLTEQLNCYLDLMR.N	19
PSTAT-7791	proteomics_stat	4252945	4253028	-	5	6	R.ESIDPIEAVRPWLTPVNNIAADLMVR.I	32
PSTAT-7792	proteomics_stat	4253128	4253157	-	5	2	K.EKESLPQMLR.G	14
PSTAT-7793	proteomics_stat	4253179	4253256	-	5	7	R.GGTRPITLIPIYIGYEHVMEVGTYAK.E	30
PSTAT-7794	proteomics_stat	4253623	4253658	-	5	5	R.LYQGINVHNAER.V	16
PSTAT-7795	proteomics_stat	4254151	4254180	-	5	4	K.LFHDYLDLHR.S	14
PSTAT-7796	proteomics_stat	4254181	4254219	-	5	2	R.VFTYYTPKEESIK.L	17
PSTAT-7797	proteomics_stat	4254247	4254318	-	5	6	R.AQCLAHDLPDPLEIDGTLLPR.Y	28
PSTAT-7798	proteomics_stat	4261304	4261327	-	6	2	R.AHEILES.R.A	12
PSTAT-7799	proteomics_stat	4261328	4261375	-	6	5	K.VDVAEQQKYPLKDAQR.A	20
PSTAT-7800	proteomics_stat	4261340	4261375	-	6	6	K.VDVAEQQKYPLK.D	16
PSTAT-7801	proteomics_stat	4261352	4261375	-	6	2	K.VDVAEQQK.Y	12



PSTAT-7802	proteomics_stat	4261376	4261435	-	6	34	R.EELTEASNELFSLIASGVIK.V	24
PSTAT-7803	proteomics_stat	4261436	4261486	-	6	8	K.GSLYVTRPSLQGYITTR.E	21
PSTAT-7804	proteomics_stat	4261724	4261753	-	6	2	K.LIGTVGTAQK.A	14
PSTAT-7805	proteomics_stat	4261883	4261939	-	6	7	K.AAILPAAISFEQAAASFLK.G	23
PSTAT-7806	proteomics_stat	4261940	4262002	-	6	3	R.VVYAQSALGAYSSVHNIADK.A	25
PSTAT-7807	proteomics_stat	4262042	4262110	-	6	4	R.SGLYPPPSLPSGLGTEAAGIVSK.V	27
PSTAT-7808	proteomics_stat	4262111	4262146	-	6	3	K.AIGINFIDTYIR.S	16
PSTAT-7809	proteomics_stat	4262147	4262227	-	6	5	K.HGGPEVLQAVEFTPADPAENEIQVENK.A	31
PSTAT-7810	proteomics_stat	4269957	4270037	-	4	3	R.GNNLKDVTLTLPVGLFTCITGVSGSGK.S	31
PSTAT-7811	proteomics_stat	4270698	4270742	-	4	2	R.YKETESSAVREELAK.F	19
PSTAT-7812	proteomics_stat	4273851	4273871	-	4	19	R.FTLIIGR.C	11
PSTAT-7813	proteomics_stat	4277176	4277253	-	5	2	A.PIMSRLPISELPFSSLNEMAKTPEK.W	30
PSTAT-7814	proteomics_stat	4281285	4281317	-	4	3	R.SQTGFVGEQGR.A	15
PSTAT-7815	proteomics_stat	4283189	4283212	-	6	4	R.IEDNAHFR.E	12
PSTAT-7816	proteomics_stat	4283475	4283513	-	4	2	G.DTSTLADPGVVEK.L	17
PSTAT-7817	proteomics_stat	4283475	4283537	-	4	3	A.AGDTSNLGDTSTLADPGVVEK.L	25
PSTAT-7818	proteomics_stat	4283475	4283543	-	4	12	K.IAAGDTSNLGDTSTLADPGVVEK.L	27
PSTAT-7819	proteomics_stat	4283475	4283546	-	4	6	R.KIAAGDTSNLGDTSTLADPGVVEK.L	28
PSTAT-7820	proteomics_stat	4283583	4283639	-	4	7	K.EIGPLATPDVLHWTDSLPK.T	23
PSTAT-7821	proteomics_stat	4283583	4283642	-	4	6	R.KEIGPLATPDVLHWTDSLPK.T	24
PSTAT-7822	proteomics_stat	4283655	4283729	-	4	41	K.GQAIYAVTLNHGEEPSPELYAEVR.N	29
PSTAT-7823	proteomics_stat	4283730	4283771	-	4	29	K.IAEAAVVGIPHNIK.G	18
PSTAT-7824	proteomics_stat	4283772	4283816	-	4	14	R.LGTAEIESALVAHPK.I	19
PSTAT-7825	proteomics_stat	4283817	4283849	-	4	15	R.VDDVLNVSGHR.L	15
PSTAT-7826	proteomics_stat	4283850	4283882	-	4	3	R.DEDGYYWITGR.V	15
PSTAT-7827	proteomics_stat	4283850	4283885	-	4	10	R.RDEDGYYWITGR.V	16
PSTAT-7828	proteomics_stat	4283916	4283945	-	4	6	R.FEQTYFSTFK.N	14
PSTAT-7829	proteomics_stat	4283916	4283969	-	4	8	R.TLFGDHERFEQTYFSTFK.N	22
PSTAT-7830	proteomics_stat	4283970	4284095	-	4	14	K.AGSATRPFVGVQPALVDNEGNPLEGATEGSLVITDSWPGQAR.T	46
PSTAT-7831	proteomics_stat	4284096	4284176	-	4	10	K.CPVVDTWVQWQTTGGFMITPLPGATELK.A	31
PSTAT-7832	proteomics_stat	4284195	4284245	-	4	3	L.GSVGEPINPEAWEWYWK.K	21
PSTAT-7833	proteomics_stat	4284195	4284251	-	4	16	R.ILGSVGEPIINPEAWEWYWK.K	23
PSTAT-7834	proteomics_stat	4284264	4284308	-	4	15	R.ALMAEGDKAIEGTDR.S	19
PSTAT-7835	proteomics_stat	4284309	4284350	-	4	25	K.HQVNILYTAPTAIR.A	18
PSTAT-7836	proteomics_stat	4284309	4284371	-	4	40	R.MAQVVDKHQVNILYTAPTAIR.A	25
PSTAT-7837	proteomics_stat	4284309	4284404	-	4	3	F.EGVPNWPTPARMAQVVDKHQVNILYTAPTAIR.A	36
PSTAT-7838	proteomics_stat	4284351	4284371	-	4	2	R.MAQVVDK.H	11
PSTAT-7839	proteomics_stat	4284729	4284794	-	4	25	K.NVDDALKNPVTSVEHVVLKR.T	26
PSTAT-7840	proteomics_stat	4284732	4284794	-	4	23	K.NVDDALKNPVTSVEHVVLK.R	25
PSTAT-7841	proteomics_stat	4284822	4284848	-	4	3	L.VITSDEGVR.A	13
PSTAT-7842	proteomics_stat	4284822	4284851	-	4	3	R.LVITSDEGVR.A	14
PSTAT-7843	proteomics_stat	4284873	4284929	-	4	4	I.GAVHSVIFGGFSPEAVAGR.I	23
PSTAT-7844	proteomics_stat	4284873	4284932	-	4	26	R.IGAVHSVIFGGFSPEAVAGR.I	24
PSTAT-7845	proteomics_stat	4284933	4285004	-	4	22	K.KGDVVAIYMPMVPEAAVAMLACAR.I	28
PSTAT-7846	proteomics_stat	4284939	4285004	-	4	2	K.KGDVVAIYMPMVPEAAVAMLAC.A	26
PSTAT-7847	proteomics_stat	4285002	4285037	-	4	4	R.FANTLLELGK.G	16

PSTAT-7848	proteomics_stat	4285005	4285037	-	4	4	R.FANTLLELGIK.K	15
PSTAT-7849	proteomics_stat	4285077	4285118	-	4	5	R.TAIIWEGDDASQSK.H	18
PSTAT-7850	proteomics_stat	4285119	4285142	-	4	2	R.HLQENGDR.T	12
PSTAT-7851	proteomics_stat	4285143	4285181	-	4	2	E.DGTLNLANCLDR.H	17
PSTAT-7852	proteomics_stat	4285143	4285187	-	4	3	W.YEDGTLNLANCLDR.H	19
PSTAT-7853	proteomics_stat	4285143	4285190	-	4	19	K.WYEDGTLNLANCLDR.H	20
PSTAT-7854	proteomics_stat	4285191	4285226	-	4	8	K.NTSFAPGNVSIK.W	16
PSTAT-7855	proteomics_stat	4285191	4285232	-	4	5	K.VKNTSFAPGNVSIK.W	18
PSTAT-7856	proteomics_stat	4285233	4285262	-	4	12	K.ILDWIKPYQK.V	14
PSTAT-7857	proteomics_stat	4285263	4285346	-	4	3	R.CLINPQQYEAMYQQSINVPDTFWGEQ GK.I	32
PSTAT-7858	proteomics_stat	4285347	4285376	-	4	7	K.HTIPANIADR.C	14
PSTAT-7859	proteomics_stat	4310268	4310321	-	4	3	K.LADYIICSPAPETPLLGR.N	22
PSTAT-7860	proteomics_stat	4310685	4310774	-	4	2	R.SALEDYFSQSEQVLPSELA FDEAPQDVVNK.V	34
PSTAT-7861	proteomics_stat	4323339	4323383	-	4	3	K.VTDKFGVPWMINVVK.Q	19
PSTAT-7862	proteomics_stat	4323522	4323569	-	4	2	R.IAGSDIMMSDAMPSGK.A	20
PSTAT-7863	proteomics_stat	4323570	4323647	-	4	3	K.SAQDSAENCPSGMQFPDTAIAHANVR.I	30
PSTAT-7864	proteomics_stat	4324476	4324508	-	4	5	R.LVEGDHNIDCK.I	15
PSTAT-7865	proteomics_stat	4324572	4324622	-	4	16	K.DANGNLLADGDSVTIIK.D	21
PSTAT-7866	proteomics_stat	4331641	4331712	-	5	2	K.IAGLDVGGADDYLVKPFAL EELHAR.I	28
PSTAT-7867	proteomics_stat	4331731	4331766	-	5	2	K.KYTLPLVILTAR.D	16
PSTAT-7868	proteomics_stat	4344204	4344269	-	4	2	R.VDLNRP MKEILAQLSQYPVSTR.L	26
PSTAT-7869	proteomics_stat	4344204	4344269	-	4	2	R.VDLNRP MKEILAQLSQYPVSTR.L	26
PSTAT-7870	proteomics_stat	4344546	4344596	-	4	5	K.YYDELPTEGNEHGQAFR.D	21
PSTAT-7871	proteomics_stat	4344546	4344596	-	4	5	K.YYDELPTEGNEHGQAFR.D	21
PSTAT-7872	proteomics_stat	4344621	4344698	-	4	2	R.TLGT AACPPYHIAFVIGGTS AETNLK.T	30
PSTAT-7873	proteomics_stat	4344621	4344698	-	4	2	R.TLGT AACPPYHIAFVIGGTS AETNLK.T	30
PSTAT-7874	proteomics_stat	4344813	4344881	-	4	4	K.EVNTGTNLPAQIDLYAVD GDEYK.F	27
PSTAT-7875	proteomics_stat	4344813	4344881	-	4	4	K.EVNTGTNLPAQIDLYAVD GDEYK.F	27
PSTAT-7876	proteomics_stat	4344915	4344950	-	4	2	R.GVYNTYIEDNLR.Y	16
PSTAT-7877	proteomics_stat	4344915	4344950	-	4	2	R.GVYNTYIEDNLR.Y	16
PSTAT-7878	proteomics_stat	4345002	4345052	-	4	4	K.GVLPTCQDTGTAIIVGK.K	21
PSTAT-7879	proteomics_stat	4345002	4345052	-	4	4	K.GVLPTCQDTGTAIIVGK.K	21
PSTAT-7880	proteomics_stat	4347599	4347670	-	6	3	K.HQYYDQAELDQLIHGSSS NEQDPR.R	28
PSTAT-7881	proteomics_stat	4351400	4351423	-	6	2	R.FQEQVNAK.A	12
PSTAT-7882	proteomics_stat	4351424	4351477	-	6	8	R.EIGNGFSELNDAEDQAER.F	22
PSTAT-7883	proteomics_stat	4351478	4351534	-	6	8	R.RNDVNPEITDRFEFFIGGR.E	23
PSTAT-7884	proteomics_stat	4351478	4351534	-	6	8	R.RNDVNPEITDRFEFFIGGR.E	23
PSTAT-7885	proteomics_stat	4351502	4351534	-	6	5	R.RNDVNPEITDR.F	15
PSTAT-7886	proteomics_stat	4351502	4351534	-	6	5	R.RNDVNPEITDR.F	15
PSTAT-7887	proteomics_stat	4351535	4351630	-	6	3	R.IVTEIFDEVAEAHLIQPTF ITEYPAEVSPLAR.R	36
PSTAT-7888	proteomics_stat	4351685	4351735	-	6	4	K.YRPETDMADLDNFDAAK.A	21
PSTAT-7889	proteomics_stat	4351763	4351810	-	6	4	K.VTYGEHVDFGKPF EK.L	20
PSTAT-7890	proteomics_stat	4352030	4352077	-	6	36	R.PFITHHNALDLDMYLR.I	20
PSTAT-7891	proteomics_stat	4352030	4352077	-	6	36	R.PFITHHNALDLDMYLR.I	20
PSTAT-7892	proteomics_stat	4352309	4352344	-	6	8	K.TGELSIHCTELR.L	16
PSTAT-7893	proteomics_stat	4352309	4352344	-	6	8	K.TGELSIHCTELR.L	16

PSTAT-7894	proteomics_stat	4352399	4352437	-	6	2	R.DSLPEGVYNDQFK.K	17
PSTAT-7895	proteomics_stat	4352459	4352494	-	6	3	K.ASFVTLQDVGGR.I	16
PSTAT-7896	proteomics_stat	4352459	4352494	-	6	3	K.ASFVTLQDVGGR.I	16
PSTAT-7897	proteomics_stat	4352573	4352614	-	6	2	R.DHTSDQLHEEFDAK.D	18
PSTAT-7898	proteomics_stat	4353728	4353805	-	6	2	T.SMELVSGDALFSPSIFYSAAGERLVR.I	30
PSTAT-7899	proteomics_stat	4360813	4360842	-	5	3	R.SQADVDTAHR.L	14
PSTAT-7900	proteomics_stat	4360894	4360965	-	5	6	K.SAAYDFTHELLTTLEVDDPAMVAK.Q	28
PSTAT-7901	proteomics_stat	4360966	4361055	-	5	6	N.NRYPGCLFIAACTFYDPGPHIQLADQQK.S	34
PSTAT-7902	proteomics_stat	4361098	4361136	-	5	3	R.QLMLDETQTAEQK.L	17
PSTAT-7903	proteomics_stat	4361098	4361139	-	5	3	R.RQLMLDETQTAEQK.L	18
PSTAT-7904	proteomics_stat	4361170	4361211	-	5	6	R.FWPDKEAILYDALR.Y	18
PSTAT-7905	proteomics_stat	4361242	4361295	-	5	8	K.LLELQGIANTTLEMVAER.V	22
PSTAT-7906	proteomics_stat	4361428	4361499	-	5	4	K.HLNVLGLPTILFFDGQGQEHQAR.V	28
PSTAT-7907	proteomics_stat	4363290	4363364	-	4	2	K.SSNTASVVVLTCTAPDEATAQDLAAK.V	29
PSTAT-7908	proteomics_stat	4364161	4364190	-	5	2	K.RLEEGLVELR.G	14
PSTAT-7909	proteomics_stat	4364947	4365015	-	5	2	R.GLLTEAELDDIFSVQNLMPAYK.A	27
PSTAT-7910	proteomics_stat	4365325	4365369	-	5	3	K.VNPVVPEVVNQVCFK.V	19
PSTAT-7911	proteomics_stat	4365370	4365432	-	5	2	R.AGLNEINLPELQAGSSIMPAK.V	25
PSTAT-7912	proteomics_stat	4365931	4365972	-	5	7	K.GEQYLNPNPDHVNK.C	18
PSTAT-7913	proteomics_stat	4366087	4366140	-	5	3	K.SVANAIIAACDEVLNNGK.C	22
PSTAT-7914	proteomics_stat	4366264	4366305	-	5	7	R.EVPADAYYGVHTLR.A	18
PSTAT-7915	proteomics_stat	4366306	4366332	-	5	2	R.IEEDLLGTR.E	13
PSTAT-7916	proteomics_stat	4375263	4375316	-	4	5	R.TPTISDEVKQEMLAVATR.E	22
PSTAT-7917	proteomics_stat	4375377	4375430	-	4	3	K.VSFFGPFYGGYNVIALDR.E	22
PSTAT-7918	proteomics_stat	4375515	4375544	-	4	5	R.DDGGLNVINK.G	14
PSTAT-7919	proteomics_stat	4376146	4376181	-	5	3	K.TLQQGIQLAQRS.Y	16
PSTAT-7920	proteomics_stat	4376719	4376769	-	5	7	K.KQPVTQQTLFELGSVSK.T	21
PSTAT-7921	proteomics_stat	4376878	4376910	-	5	4	A.APQQINDIVHR.T	15
PSTAT-7922	proteomics_stat	4377809	4377853	-	6	2	K.VESSKDFLIATLKPR.-	19
PSTAT-7923	proteomics_stat	4377854	4377889	-	6	6	K.HVDPAAAIQQGK.V	16
PSTAT-7924	proteomics_stat	4378406	4378501	-	6	3	R.YNPEVDTAPHSAFYEVYPDATTSLLDALGYIK.D	36
PSTAT-7925	proteomics_stat	4378551	4378604	-	4	3	R.VYGGEDAADKAEAAANKK.E	22
PSTAT-7926	proteomics_stat	4378884	4378916	-	4	2	K.TIDKLAELQER.F	15
PSTAT-7927	proteomics_stat	4378938	4378988	-	4	2	K.IRDEMGLAMEEGCGIYR.T	21
PSTAT-7928	proteomics_stat	4378989	4379033	-	4	5	R.LKDLVNQDGGENWAK.I	19
PSTAT-7929	proteomics_stat	4379034	4379099	-	4	6	R.AATAGNGNEAAIEAQAGVEQR.L	26
PSTAT-7930	proteomics_stat	4379100	4379126	-	4	2	R.LAGEQATER.A	13
PSTAT-7931	proteomics_stat	4379169	4379222	-	4	5	K.GLFAVGECSSVGLHGANR.L	22
PSTAT-7932	proteomics_stat	4380246	4380284	-	4	4	R.AAIAAAQANPNAK.I	17
PSTAT-7933	proteomics_stat	4386176	4386232	-	6	4	R.ELLNSLLQGGDTLLLELTK.L	23
PSTAT-7934	proteomics_stat	4387034	4387108	-	6	3	R.SVSPGMSTDALNQEILQVSSQLLQDK.S	29
PSTAT-7935	proteomics_stat	4387550	4387591	-	6	3	K.VNLVEQLESLSVTK.I	18
PSTAT-7936	proteomics_stat	4387841	4387918	-	6	5	R.EMIYVPGDLFSVNHHTAQNVPNLFAR.N	30
PSTAT-7937	proteomics_stat	4387961	4387996	-	6	5	R.NGTFTTYLSPR.D	16
PSTAT-7938	proteomics_stat	4388060	4388089	-	6	4	K.IEEDKILQAK.G	14
PSTAT-7939	proteomics_stat	4388090	4388200	-	6	2	R.TFNEFFVRPLRDEVRPIDTDPNVLVMPADGVISQLGK.I	41

PSTAT-7940	proteomics_stat	4388201	4388233	-	6	6	K.EAQKPDASYR.T	15
PSTAT-7941	proteomics_stat	4388720	4388770	-	6	2	R.LYHFPHGGDVIDSPGVR.E	21
PSTAT-7942	proteomics_stat	4388909	4388974	-	6	9	R.VLMVSSHTQDGLKPLEEALTGR.I	26
PSTAT-7943	proteomics_stat	4389251	4389298	-	6	4	R.VVWRPGKPAAEVNVK.G	20
PSTAT-7944	proteomics_stat	4389344	4389391	-	6	3	R.FGMHADVESADGDVHR.C	20
PSTAT-7945	proteomics_stat	4393123	4393170	-	5	3	I.ASRFNASASHNIGLRK.F	20
PSTAT-7946	proteomics_stat	4394397	4394453	-	4	6	K.DDSVIAAILPLHRFGFTVF.G	23
PSTAT-7947	proteomics_stat	4398017	4398058	-	6	2	R.FRLQGKTTSGDNPR.N	18
PSTAT-7948	proteomics_stat	4414629	4414655	-	4	3	R.RDQTQQLQR.I	13
PSTAT-7949	proteomics_stat	4415727	4415783	-	4	4	K.NANPEILQQLEAQGVSIILR.V	23
PSTAT-7950	proteomics_stat	4422725	4422754	-	6	2	A.AIEINNHQAR.N	14
PSTAT-7951	proteomics_stat	4424807	4424857	-	6	4	A.LLNAYSDDLPHDLKIGLR.S	21
PSTAT-7952	proteomics_stat	4426501	4426557	-	5	4	R.EAQLDIQSQSQPPTTEQLR.A	23
PSTAT-7953	proteomics_stat	4431289	4431351	-	5	2	K.SVGLPDGLADMLADSDVGASK.G	25
PSTAT-7954	proteomics_stat	4431415	4431477	-	5	4	K.VYELAGDSAWTLTLQLAAELTK.Q	25
PSTAT-7955	proteomics_stat	4431478	4431507	-	5	6	R.VISEAGHEGK.V	14
PSTAT-7956	proteomics_stat	4432780	4432806	-	5	2	R.LAPIAGDKK.L	13
PSTAT-7957	proteomics_stat	4432885	4432938	-	5	4	K.FAGTGDSHIAFASPENR.S	22
PSTAT-7958	proteomics_stat	4432954	4433022	-	5	4	K.NLTFNGKPIDPNAMFLVATNNYR.A	27
PSTAT-7959	proteomics_stat	4432954	4433028	-	5	2	R.IKNLTFNGKPIDPNAMFLVATNNYR.A	29
PSTAT-7960	proteomics_stat	4433029	4433070	-	5	2	R.YDGECQMINANAER.I	18
PSTAT-7961	proteomics_stat	4433311	4433346	-	5	5	R.KNDPASVVEVEK.G	16
PSTAT-7962	proteomics_stat	4433359	4433436	-	5	4	K.AYVEHYIQGDPLAKLPVLSAAAPFK.V	30
PSTAT-7963	proteomics_stat	4433437	4433469	-	5	2	D.PTVQVVNNAQK.A	15
PSTAT-7964	proteomics_stat	4433437	4433514	-	5	3	K.SADNMYSYLALVQDDPTVQVVNNAQK.A	30
PSTAT-7965	proteomics_stat	4433515	4433541	-	5	2	R.QFVSKPIGK.S	13
PSTAT-7966	proteomics_stat	4433605	4433643	-	5	2	K.AEARPIYDIANKK.S	17
PSTAT-7967	proteomics_stat	4433758	4433793	-	5	2	K.DFADIEGADIAK.G	16
PSTAT-7968	proteomics_stat	4433887	4433943	-	5	2	K.GADVVVVLAHSGLSADPYK.V	23
PSTAT-7969	proteomics_stat	4433887	4433949	-	5	4	R.EKGADVVVVLAHSGLSADPYK.V	25
PSTAT-7970	proteomics_stat	4434151	4434186	-	5	3	K.FPYVNANVIDAR.T	16
PSTAT-7971	proteomics_stat	4434208	4434282	-	5	3	K.ALNTLDYTVGTLGNHEFNGLDYLK.N	29
PSTAT-7972	proteomics_stat	4434283	4434309	-	5	5	K.AGDIHVPYK.A	13
PSTAT-7973	proteomics_stat	4436743	4436796	-	5	3	K.DGALTPEEVQQVMDLLQK.L	22
PSTAT-7974	proteomics_stat	4439621	4439695	-	6	13	R.HITTEIANATPFYYAEDDHQQYLHK.N	29
PSTAT-7975	proteomics_stat	4439747	4439791	-	6	4	R.SAIYPLTPEQDAAAR.A	19
PSTAT-7976	proteomics_stat	4439906	4439947	-	6	5	R.EVCSGDTGHAEAVR.I	18
PSTAT-7977	proteomics_stat	4439948	4440025	-	6	3	R.LFWQLPGVYSTAAGYTGGYTPNPTYR.E	30
PSTAT-7978	proteomics_stat	4440143	4440178	-	6	6	K.HLVSPADALPGR.N	16
PSTAT-7979	proteomics_stat	4440143	4440181	-	6	2	K.KHLVSPADALPGR.N	17
PSTAT-7980	proteomics_stat	4447160	4447186	-	6	4	K.AEIVASFER.A	13
PSTAT-7981	proteomics_stat	4447235	4447279	-	6	9	K.AQIAHFFEHYKDLEK.G	19
PSTAT-7982	proteomics_stat	4447247	4447279	-	6	8	K.AQIAHFFEHYK.D	15
PSTAT-7983	proteomics_stat	4447280	4447309	-	6	2	K.DVNDLPELLK.A	14
PSTAT-7984	proteomics_stat	4447280	4447327	-	6	10	K.EYDHIKDVNDLPELLK.A	20
PSTAT-7985	proteomics_stat	4447280	4447336	-	6	11	K.LSKEYDHIKDVNDLPELLK.A	23

PSTAT-7986	proteomics_stat	4447361	4447390	-	6	5	K.MTDEAGEDAK.L	14
PSTAT-7987	proteomics_stat	4447415	4447480	-	6	2	L.DGDPVDVLPVTPYPLQPGSVIR.C	26
PSTAT-7988	proteomics_stat	4447415	4447489	-	6	2	T.LSLDGDVPDVLVPTPYPLQPGSVIR.C	29
PSTAT-7989	proteomics_stat	4447544	4447585	-	6	2	K.YEIDKESGALFVDR.F	18
PSTAT-7990	proteomics_stat	4447544	4447645	-	6	35	K.DLPEDIYVVIEIPANADPIKYEIDKESGALFVDR.F	38
PSTAT-7991	proteomics_stat	4447646	4447672	-	6	6	M.SLLNVPAGK.D	13
PSTAT-7992	proteomics_stat	4452661	4452699	-	5	2	F.FVGNDDHMMVEDVER.F	17
PSTAT-7993	proteomics_stat	4452661	4452705	-	5	3	R.SFFVGNDDHMMVEDVER.F	19
PSTAT-7994	proteomics_stat	4452661	4452708	-	5	3	R.RSFFVGNDDHMMVEDVER.F	20
PSTAT-7995	proteomics_stat	4452709	4452744	-	5	4	R.ILDIIPETLHQR.R	16
PSTAT-7996	proteomics_stat	4452826	4452873	-	5	5	K.GGIYLYPSTASHPDGK.L	20
PSTAT-7997	proteomics_stat	4452886	4452918	-	5	2	R.YIGSLVADFHR.N	15
PSTAT-7998	proteomics_stat	4452919	4452966	-	5	3	K.FCQEEDKSTNRPYTSR.Y	20
PSTAT-7999	proteomics_stat	4452979	4453029	-	5	5	K.TYSINEGNYIKFPNGVK.K	21
PSTAT-8000	proteomics_stat	4452997	4453029	-	5	2	K.TYSINEGNYIK.F	15
PSTAT-8001	proteomics_stat	4455454	4455516	-	5	5	R.LIDQGDDAIAEVLNLPDADR.Q	25
PSTAT-8002	proteomics_stat	4455538	4455567	-	5	6	R.HNQQVVLVFK.L	14
PSTAT-8003	proteomics_stat	4455736	4455765	-	5	3	R.LGAEIVDLGK.N	14
PSTAT-8004	proteomics_stat	4459277	4459318	-	6	3	R.VAPILYMEGACGVR.L	18
PSTAT-8005	proteomics_stat	4459565	4459603	-	6	2	R.MYPDILNYDQVVK.V	17
PSTAT-8006	proteomics_stat	4460003	4460086	-	6	3	K.SISTATAVTAQIIAQVASHIYGGTTINR.I	32
PSTAT-8007	proteomics_stat	4460216	4460239	-	6	2	R.DVVQAHER.G	12
PSTAT-8008	proteomics_stat	4460315	4460374	-	6	3	R.GLVEQTNASLLNENANKDSK.V	24
PSTAT-8009	proteomics_stat	4464691	4464741	-	5	2	R.NISYLGVPVHSDVTTGKR.R	21
PSTAT-8010	proteomics_stat	4468556	4468579	-	6	2	L.EIEIAIVR.S	12
PSTAT-8011	proteomics_stat	4468556	4468579	-	6	2	L.EIEIAIVR.S	12
PSTAT-8012	proteomics_stat	4468601	4468621	-	6	2	R.SCVEVAR.L	11
PSTAT-8013	proteomics_stat	4468622	4468672	-	6	4	N.ATYEAFFTEHNATFFPAR.S	21
PSTAT-8014	proteomics_stat	4468622	4468699	-	6	96	K.DLNDFATVNATYEAFFTEHNATFFPAR.S	30
PSTAT-8015	proteomics_stat	4468736	4468762	-	6	7	K.AIVEAAGLK.V	13
PSTAT-8016	proteomics_stat	4468784	4468822	-	6	6	K.TGEVPADVAAQAR.Q	17
PSTAT-8017	proteomics_stat	4468823	4468927	-	6	14	K.TIATENAPAAIGPYVQGVLDLGNMIITSGQIPVNP.K.T	39
PSTAT-8018	proteomics_stat	4469012	4469041	-	6	2	K.EFSHNVLNLAN.-	14
PSTAT-8019	proteomics_stat	4469012	4469053	-	6	8	K.YCEKEFSHNVLNLAN.-	18
PSTAT-8020	proteomics_stat	4469087	4469137	-	6	3	N.SNCISHAEPVSSSFAVR.K	21
PSTAT-8021	proteomics_stat	4469189	4469212	-	6	3	I.DNYEVVGK.S	12
PSTAT-8022	proteomics_stat	4469189	4469215	-	6	10	R.IDNYEVVGK.S	13
PSTAT-8023	proteomics_stat	4469216	4469290	-	6	28	K.IENTFLSEDQVDQLALYAPQATVNR.I	29
PSTAT-8024	proteomics_stat	4469303	4469347	-	6	5	R.ITIGLNLPSGEMGRK.D	19
PSTAT-8025	proteomics_stat	4469306	4469347	-	6	6	R.ITIGLNLPSGEMGRK.K	18
PSTAT-8026	proteomics_stat	4469387	4469428	-	6	17	R.GTVIDHIPAQIGFK.L	18
PSTAT-8027	proteomics_stat	4469387	4469431	-	6	2	K.RGTVIDHIPAQIGFK.L	19
PSTAT-8028	proteomics_stat	4469429	4469467	-	6	6	M.THDNKLVQVEAIKR.G	17
PSTAT-8029	proteomics_stat	4469498	4469527	-	6	7	R.QALLALVLRN.D	14
PSTAT-8030	proteomics_stat	4469528	4469569	-	6	4	H.AWYFQQAGNGIFAR.Q	18
PSTAT-8031	proteomics_stat	4469528	4469578	-	6	29	K.TPHAWYFQQAGNGIFAR.Q	21

PSTAT-8032	proteomics_stat	4469528	4469608	-	6	37	R.VDEIATDVDKTPHAWYFQQAGNGIFAR.Q	31
PSTAT-8033	proteomics_stat	4469570	4469608	-	6	2	R.VDEIATDVDKTPH.A	17
PSTAT-8034	proteomics_stat	4469579	4469608	-	6	8	R.VDEIATDVDK.T	14
PSTAT-8035	proteomics_stat	4469684	4469710	-	6	8	L.DPSEYANVK.A	13
PSTAT-8036	proteomics_stat	4469684	4469713	-	6	4	R.LDPSEYANVK.A	14
PSTAT-8037	proteomics_stat	4469684	4469719	-	6	7	K.ERLDPSEYANVK.A	16
PSTAT-8038	proteomics_stat	4469801	4469866	-	6	4	R.FYFIAPDALAMPQYILDMLDEK.G	26
PSTAT-8039	proteomics_stat	4469882	4469914	-	6	21	R.TVHSLTQALAK.F	15
PSTAT-8040	proteomics_stat	4469924	4469962	-	6	23	R.LDNLHVAMVGD.LK.Y	17
PSTAT-8041	proteomics_stat	4469963	4470076	-	6	39	R.LATEFSGNVVPLNAGDGSNQHPTQTLLDLFTIQETQGR.L	42
PSTAT-8042	proteomics_stat	4470101	4470163	-	6	13	K.GETLADTISVISTYVDAIVMR.H	25
PSTAT-8043	proteomics_stat	4470101	4470166	-	6	10	K.KGETLADTISVISTYVDAIVMR.H	26
PSTAT-8044	proteomics_stat	4470164	4470220	-	6	4	R.LGASVVGFSDSANTS.LGKK.G	23
PSTAT-8045	proteomics_stat	4470167	4470220	-	6	20	R.LGASVVGFSDSANTS.LGKK.K	22
PSTAT-8046	proteomics_stat	4470167	4470223	-	6	2	H.RLGASVVGFSDSANTS.LGKK.K	23
PSTAT-8047	proteomics_stat	4470221	4470244	-	6	4	L.SFETSMHR.L	12
PSTAT-8048	proteomics_stat	4470221	4470247	-	6	7	R.LSFETSMHR.L	13
PSTAT-8049	proteomics_stat	4470254	4470289	-	6	10	K.VIASCFFEA.STR.T	16
PSTAT-8050	proteomics_stat	4470296	4470328	-	6	6	K.LKANPQPELLK.H	15
PSTAT-8051	proteomics_stat	4470329	4470364	-	6	21	R.DDLNLVLATAAK.L	16
PSTAT-8052	proteomics_stat	4470329	4470394	-	6	102	K.HIISINDLSRDDLNLVLATAAK.L	26
PSTAT-8053	proteomics_stat	4470365	4470394	-	6	21	K.HIISINDLSR.D	14
PSTAT-8054	proteomics_stat	4475474	4475524	-	6	6	K.FLHCLPAFHDDQTTLGK.Q	21
PSTAT-8055	proteomics_stat	4475474	4475524	-	6	6	K.FLHCLPAFHDDQTTLGK.Q	21
PSTAT-8056	proteomics_stat	4475474	4475527	-	6	2	V.KFLHCLPAFHDDQTTLGK.Q	22
PSTAT-8057	proteomics_stat	4475474	4475527	-	6	2	V.KFLHCLPAFHDDQTTLGK.Q	22
PSTAT-8058	proteomics_stat	4475525	4475557	-	6	3	K.MMQLTGNPEVK.F	15
PSTAT-8059	proteomics_stat	4475672	4475725	-	6	8	R.ALAQQNGGNITLTEDVAK.G	22
PSTAT-8060	proteomics_stat	4475780	4475836	-	6	8	R.NNMGNMLEAAALTGLDLR.L	23
PSTAT-8061	proteomics_stat	4475780	4475836	-	6	8	R.NNMGNMLEAAALTGLDLR.L	23
PSTAT-8062	proteomics_stat	4475837	4475878	-	6	8	K.AFNEMTLVYAGDAR.N	18
PSTAT-8063	proteomics_stat	4475837	4475878	-	6	8	K.AFNEMTLVYAGDAR.N	18
PSTAT-8064	proteomics_stat	4476050	4476073	-	6	3	K.ESIKDTAR.V	12
PSTAT-8065	proteomics_stat	4476050	4476073	-	6	3	K.ESIKDTAR.V	12
PSTAT-8066	proteomics_stat	4476074	4476115	-	6	9	R.VTYLGPSGSQIGHK.E	18
PSTAT-8067	proteomics_stat	4476074	4476115	-	6	9	R.VTYLGPSGSQIGHK.E	18
PSTAT-8068	proteomics_stat	4476248	4476301	-	6	13	K.LLDFTPAELNSLLQLAAK.L	22
PSTAT-8069	proteomics_stat	4477210	4477242	-	5	3	K.KLALMAMEQAR.E	15
PSTAT-8070	proteomics_stat	4477489	4477524	-	5	2	R.RLTLQDNPAIAR.V	16
PSTAT-8071	proteomics_stat	4479047	4479076	-	6	10	R.EKLEGYAEAK.A	14
PSTAT-8072	proteomics_stat	4479083	4479106	-	6	2	R.APEAVIAK.E	12
PSTAT-8073	proteomics_stat	4479107	4479133	-	6	2	K.LANEGFVAR.A	13
PSTAT-8074	proteomics_stat	4479188	4479256	-	6	14	K.IIDGAELLIPMAGLINKEDELAR.L	27
PSTAT-8075	proteomics_stat	4479206	4479256	-	6	3	K.IIDGAELLIPMAGLINK.E	21
PSTAT-8076	proteomics_stat	4479257	4479313	-	6	4	R.LESITVLPADDKGPVSVTK.I	23
PSTAT-8077	proteomics_stat	4479314	4479337	-	6	4	R.GFLQTLAR.L	12

PSTAT-8078	proteomics_stat	4479380	4479427	-	6	9	R.AEMNIAPGKPLELLLR.G	20
PSTAT-8079	proteomics_stat	4479569	4479616	-	6	12	R.LAHPIIPFITETIWQR.V	20
PSTAT-8080	proteomics_stat	4479617	4479652	-	6	12	R.HTLVTVLEGLLR.L	16
PSTAT-8081	proteomics_stat	4479983	4480015	-	6	2	R.FTLAALASTGR.D	15
PSTAT-8082	proteomics_stat	4480016	4480060	-	6	8	K.QFPNGIEPHGTDALR.F	19
PSTAT-8083	proteomics_stat	4480082	4480117	-	6	2	R.TGNMMQPQLADK.I	16
PSTAT-8084	proteomics_stat	4480082	4480120	-	6	4	K.RTGNMMQPQLADK.I	17
PSTAT-8085	proteomics_stat	4480118	4480189	-	6	14	K.SKGNVIDPLDMVDGISLPELLEKR.T	28
PSTAT-8086	proteomics_stat	4480121	4480183	-	6	4	K.GNVIDPLDMVDGISLPELLEK.R	25
PSTAT-8087	proteomics_stat	4480121	4480189	-	6	9	K.SKGNVIDPLDMVDGISLPELLEK.R	27
PSTAT-8088	proteomics_stat	4480460	4480495	-	6	5	R.KENNLGADVVL.R.Q	16
PSTAT-8089	proteomics_stat	4480514	4480558	-	6	7	R.IPAWYDEAGNVYVGR.N	19
PSTAT-8090	proteomics_stat	4480580	4480606	-	6	2	R.DIQDWCSR.Q	13
PSTAT-8091	proteomics_stat	4480607	4480639	-	6	2	K.QYENMYFSWMR.D	15
PSTAT-8092	proteomics_stat	4480640	4480705	-	6	10	R.ADVLAKPAVEAVENGDIQFVPK.Q	26
PSTAT-8093	proteomics_stat	4480706	4480753	-	6	7	R.GGVVIEPMLTDQWYVR.A	20
PSTAT-8094	proteomics_stat	4480754	4480834	-	6	21	K.AVVAAVDALGLLEEIKPHDLTPYGDR.G	31
PSTAT-8095	proteomics_stat	4480754	4480837	-	6	32	R.KAVVAAVDALGLLEEIKPHDLTPYGDR.G	32
PSTAT-8096	proteomics_stat	4480859	4480909	-	6	3	K.GNESDVYSSEIPAEFQK.L	21
PSTAT-8097	proteomics_stat	4480910	4480936	-	6	2	R.ESAQVFDTK.G	13
PSTAT-8098	proteomics_stat	4480937	4480984	-	6	33	R.HALPMINILTFDGD.R.E	20
PSTAT-8099	proteomics_stat	4480985	4481029	-	6	6	K.ITPAHDFNDYEVGKR.H	19
PSTAT-8100	proteomics_stat	4480988	4481029	-	6	2	K.ITPAHDFNDYEVGK.R	18
PSTAT-8101	proteomics_stat	4481042	4481086	-	6	3	R.IPIVGDEHADMEKGT.G	19
PSTAT-8102	proteomics_stat	4481048	4481086	-	6	5	R.IPIVGDEHADMEK.G	17
PSTAT-8103	proteomics_stat	4481048	4481089	-	6	12	R.RIPIVGDEHADMEK.G	18
PSTAT-8104	proteomics_stat	4481138	4481218	-	6	2	K.DYLVVATTRPETLLGDTGVAVNPEDPR.Y	31
PSTAT-8105	proteomics_stat	4481234	4481257	-	6	2	R.YPLADGAK.T	12
PSTAT-8106	proteomics_stat	4481357	4481383	-	6	10	R.LYKEDLIYR.G	13
PSTAT-8107	proteomics_stat	4481399	4481434	-	6	2	R.FTMDEGLSNAVK.E	16
PSTAT-8108	proteomics_stat	4481441	4481470	-	6	2	R.RLGNSVDWER.E	14
PSTAT-8109	proteomics_stat	4481507	4481539	-	6	3	R.EAFIDKIWEWK.A	15
PSTAT-8110	proteomics_stat	4481585	4481647	-	6	9	K.NTLWQVGTDHAGIATQMVVER.K	25
PSTAT-8111	proteomics_stat	4481801	4481851	-	6	2	K.TYNPQDIEQPLYEHWEK.Q	21
PSTAT-8112	proteomics_stat	4481932	4482003	-	5	2	R.TSFADFATAFTEVVDFVPYEDSLK.Q	28
PSTAT-8113	proteomics_stat	4482079	4482150	-	5	2	R.LDEALWARPAESFVPHNLAGEGPR.G	28
PSTAT-8114	proteomics_stat	4482487	4482537	-	5	20	K.GATGRPVALLAQFLLNR.A	21
PSTAT-8115	proteomics_stat	4482553	4482594	-	5	4	K.YNWAHLDIAGTAWR.S	18
PSTAT-8116	proteomics_stat	4482607	4482717	-	5	2	R.LPLGDEYQEQLSINFADMANIGGRPGGAITAGCFLSR.F	41
PSTAT-8117	proteomics_stat	4482907	4482984	-	5	24	R.AYRPGDVLTTMSGQTVLEVLNTDAEGR.L	30
PSTAT-8118	proteomics_stat	4482985	4483059	-	5	7	R.MVAELQLPINVIGVLGCENMPGG.R.A	29
PSTAT-8119	proteomics_stat	4483165	4483209	-	5	3	K.GNASEDARPIVLVVK.G	19
PSTAT-8120	proteomics_stat	4483210	4483287	-	5	2	K.ELGMHSYLAVGQGSQNESLMSVIEYK.G	30
PSTAT-8121	proteomics_stat	4483351	4483410	-	5	8	K.DLGNMPPNICNAAYLASQAR.Q	24
PSTAT-8122	proteomics_stat	4483420	4483458	-	5	22	R.AIQHGLAIAAGIK.A	17
PSTAT-8123	proteomics_stat	4483621	4483689	-	5	3	K.TINTLNDTGSMEAVCFLTELHVK.G	27

PSTAT-8124	proteomics_stat	4483759	4483830	-	5	13	R.RGELEGKPGQTLLLHHVNPVLSER.I	28
PSTAT-8125	proteomics_stat	4483831	4483863	-	5	2	K.ISDGYISALLR.R	15
PSTAT-8126	proteomics_stat	4483831	4483893	-	5	8	R.LSPIAEQLDKISDGYISALLR.R	25
PSTAT-8127	proteomics_stat	4483864	4483896	-	5	4	R.RLSPIAEQLDK.I	15
PSTAT-8128	proteomics_stat	4486659	4486685	-	4	3	K.DGVVQTMAS.S	13
PSTAT-8129	proteomics_stat	4486698	4486766	-	4	4	K.EVAVDDGILGGLKDILFGTTGPR.G	27
PSTAT-8130	proteomics_stat	4486698	4486772	-	4	3	K.GKEVAVDDGILGGLKDILFGTTGPR.G	29
PSTAT-8131	proteomics_stat	4486773	4486817	-	4	3	K.GFQASTEQQNPPAK.G	19
PSTAT-8132	proteomics_stat	4486866	4486901	-	4	3	R.NGLINHSPVYGK.Y	16
PSTAT-8133	proteomics_stat	4486866	4486928	-	4	4	R.MGPVTEDERNGLINHSPVYGK.Y	25
PSTAT-8134	proteomics_stat	4487466	4487531	-	4	2	R.GLLSLEQQGAAHFFGEPMLDIK.D	26
PSTAT-8135	proteomics_stat	4487532	4487588	-	4	2	K.SFQNQYGNISSASVGAIQR.G	23
PSTAT-8136	proteomics_stat	4487670	4487720	-	4	2	R.LLNLDVQSGVLNIIFR.I	21
PSTAT-8137	proteomics_stat	4487862	4487906	-	4	3	K.GDLTGVAQAGTVSEK.L	19
PSTAT-8138	proteomics_stat	4487907	4487960	-	4	3	K.LAESLSEIGVPVFMADV.K	22
PSTAT-8139	proteomics_stat	4488015	4488059	-	4	3	R.TPDTELFLLPGMANR.H	19
PSTAT-8140	proteomics_stat	4509529	4509645	-	5	2	R.HRRLLPVSALTGALLLVVADLLARIHPPLELPVGLTA.I	43
PSTAT-8141	proteomics_stat	4509988	4510056	-	5	2	K.MLAKTHQPMKLALTGVALSACWA.S	27
PSTAT-8142	proteomics_stat	4510057	4510104	-	5	2	L.PLLAFAGGMAGLILLK.M	20
PSTAT-8143	proteomics_stat	4511951	4512004	-	6	2	R.HAGVYIALQQIAPVLLLK.S	22
PSTAT-8144	proteomics_stat	4517535	4517582	-	4	2	R.FYDKEGMPVVADVQR.I	20
PSTAT-8145	proteomics_stat	4517655	4517702	-	4	3	K.AFFVVGNALDENPLIR.V	20
PSTAT-8146	proteomics_stat	4526437	4526484	-	5	2	K.TLFNIVPEAAVYLGNR.D	20
PSTAT-8147	proteomics_stat	4526698	4526730	-	5	7	K.VRPETTAAMAR.I	15
PSTAT-8148	proteomics_stat	4528308	4528382	-	4	4	R.TNSDYGIPTLNGAALLTGINDDALK.Q	29
PSTAT-8149	proteomics_stat	4528494	4528547	-	4	2	K.ILVACGTGMSTSTMIAHK.L	22
PSTAT-8150	proteomics_stat	4528787	4528831	-	6	6	R.MLEQTALEHNIPVQR.E	19
PSTAT-8151	proteomics_stat	4529492	4529521	-	6	2	R.YGSDKPDALR.L	14
PSTAT-8152	proteomics_stat	4535742	4535810	-	4	3	R.AYGVSLPWNSLLIIGGETAGGK.A	27
PSTAT-8153	proteomics_stat	4536087	4536125	-	4	2	K.TWLINGEAKPGLR.T	17
PSTAT-8154	proteomics_stat	4536462	4536503	-	4	2	K.NSEGLTQVFNDVHK.Y	18
PSTAT-8155	proteomics_stat	4551425	4551466	-	6	9	H.RKRFPFFTTQTQR.F	18
PSTAT-8156	proteomics_stat	4552451	4552501	-	6	6	L.ISNYTISTGSHVQVVGK.K	21
PSTAT-8157	proteomics_stat	4556181	4556264	-	4	2	L.YDFLTLEKCRNFSQAAVSRNVSQPAFSR.R	32
PSTAT-8158	proteomics_stat	4556515	4556592	-	5	3	K.DYDFSISDALRPLTSSVAGFLNLTGK.G	30
PSTAT-8159	proteomics_stat	4556812	4556850	-	5	2	R.NVPLFEQALEFAR.K	17
PSTAT-8160	proteomics_stat	4556932	4556991	-	5	2	R.VGGLLGGKPGVTVFHMGDsk.K	24
PSTAT-8161	proteomics_stat	4556992	4557042	-	5	3	R.SAAPDVYHLANMAAESR.V	21
PSTAT-8162	proteomics_stat	4557079	4557123	-	5	2	R.TITGSVEKDVAIIDR.V	19
PSTAT-8163	proteomics_stat	4557193	4557216	-	5	3	R.HPESLLAK.T	12
PSTAT-8164	proteomics_stat	4557217	4557276	-	5	2	R.LTEAGVTSVVGLLGTDSISR.H	24
PSTAT-8165	proteomics_stat	4564310	4564336	-	6	2	K.VDINSEDSR.V	13
PSTAT-8166	proteomics_stat	4575991	4576014	-	5	4	T.EMDQQIIR.G	12
PSTAT-8167	proteomics_stat	4576791	4576868	-	4	2	K.TESYCLEDALNDLFIPETTIETILKR.L	30
PSTAT-8168	proteomics_stat	4578295	4578336	-	5	4	R.RVEQLFAYADTIEK.Q	18
PSTAT-8169	proteomics_stat	4578529	4578564	-	5	3	K.KLQHQNLLYPDK.L	16



PSTAT-8170	proteomics_stat	4578679	4578708	-	5	4	R.AGHVDQNDIR.F	14
PSTAT-8171	proteomics_stat	4578778	4578813	-	5	2	K.KLNFESILTEL.R.N	16
PSTAT-8172	proteomics_stat	4578937	4578987	-	5	2	K.IIAEKLDTLAQQVDSTK.A	21
PSTAT-8173	proteomics_stat	4579351	4579398	-	5	2	K.EQAINYLKDDYLPLIR.A	20
PSTAT-8174	proteomics_stat	4579417	4579470	-	5	4	K.LPEGWVIAPVSTVTTLIR.G	22
PSTAT-8175	proteomics_stat	4579521	4579556	-	4	4	R.ELGASDEADLQR.Q	16
PSTAT-8176	proteomics_stat	4579863	4579901	-	4	2	R.TPFTDEHLQPFER.V	17
PSTAT-8177	proteomics_stat	4579929	4579994	-	4	2	K.GTVANPNQDKNCTDDVWVYDLR.T	26
PSTAT-8178	proteomics_stat	4580235	4580294	-	4	7	K.AHIVATNPPFGSAAGTNITR.T	24
PSTAT-8179	proteomics_stat	4580295	4580336	-	4	2	R.LGNTLGSDGENLPK.A	18
PSTAT-8180	proteomics_stat	4580337	4580402	-	4	6	R.LALMNCLLHDIEGNDHGGAIR.L	26
PSTAT-8181	proteomics_stat	4580511	4580567	-	4	2	R.EVVQDPAAGTAGFLIEADR.Y	23
PSTAT-8182	proteomics_stat	4580568	4580600	-	4	3	K.TIIHLLKPQPR.E	15
PSTAT-8183	proteomics_stat	4580661	4580705	-	4	3	K.SRDDFGDMYEGLLQK.N	19
PSTAT-8184	proteomics_stat	4580769	4580819	-	4	3	K.LVQAVFHNVSTTITEPK.Q	21
PSTAT-8185	proteomics_stat	4580820	4580852	-	4	3	K.MLVHLGEDDKK.L	15
PSTAT-8186	proteomics_stat	4581734	4581799	-	6	4	K.SLYGDYDTPQDFLEAFDSLVR.S	26
PSTAT-8187	proteomics_stat	4582685	4582759	-	6	3	R.ISPQGEVINDTLEDDQDFEVADFNR.G	29
PSTAT-8188	proteomics_stat	4582880	4582942	-	6	2	K.IALTATPALHTVQIFGEPVYR.Y	25
PSTAT-8189	proteomics_stat	4583123	4583155	-	6	6	K.IHVATVQSLVK.R	15
PSTAT-8190	proteomics_stat	4584263	4584307	-	6	6	R.EKAQTQAEVEAQQQK.L	19
PSTAT-8191	proteomics_stat	4586385	4586411	-	4	2	K.TDVAGEAEK.L	13
PSTAT-8192	proteomics_stat	4586610	4586681	-	4	8	R.SNELEDALLDLLNLDKGNIQFDR.L	28
PSTAT-8193	proteomics_stat	4586793	4586822	-	4	2	R.HILNEQHGYK.I	14
PSTAT-8194	proteomics_stat	4586838	4586888	-	4	7	S.MNPIAVTLLTGFLGAGK.T	21
PSTAT-8195	proteomics_stat	4598774	4598821	-	6	3	R.SGIRPLHQNCSFENYR.V	20
PSTAT-8196	proteomics_stat	4599277	4599363	-	5	2	K.LARPGSDVALDDQLYQEPQAAPVAVPMGK.F	33
PSTAT-8197	proteomics_stat	4604863	4604940	-	5	2	R.FDMIISNPPFHDGMQTSLDAAQTLIR.G	30
PSTAT-8198	proteomics_stat	4604863	4604946	-	5	3	K.GRFDMIISNPPFHDGMQTSLDAAQTLIR.G	32
PSTAT-8199	proteomics_stat	4605133	4605189	-	5	2	R.DGLDVGSQLLLSTLTPHTK.G	23
PSTAT-8200	proteomics_stat	4605139	4605189	-	5	2	R.DGLDVGSQLLLSTLTPH.T	21
PSTAT-8201	proteomics_stat	4605325	4605366	-	5	2	R.SAEQMLADYAPLNK.V	18
PSTAT-8202	proteomics_stat	4605616	4605657	-	5	2	R.ILFAGDLQDDLPAR.L	18
PSTAT-8203	proteomics_stat	4605658	4605684	-	5	5	R.HSDDFEQSR.I	13
PSTAT-8204	proteomics_stat	4615053	4615085	-	4	3	M.PTSHENALQQR.C	15
PSTAT-8205	proteomics_stat	4621250	4621306	-	6	3	R.AQVFTDSLNPAPLEALAGR.L	23
PSTAT-8206	proteomics_stat	4621847	4621927	-	6	4	R.SSGGAVFHDLGNTCFTFMAGKPEYDK.T	31
PSTAT-8207	proteomics_stat	4627043	4627102	-	6	3	R.ALENALLEFPGCAMVISHDR.W	24
PSTAT-8208	proteomics_stat	4627103	4627153	-	6	3	N.MLLLDEPTNLDIETLR.A	21
PSTAT-8209	proteomics_stat	4627103	4627174	-	6	12	K.LLQVGGNMLLLDEPTNLDIETLR.A	28
PSTAT-8210	proteomics_stat	4627196	4627222	-	6	2	R.VGELSGGER.G	13
PSTAT-8211	proteomics_stat	4627196	4627225	-	6	5	K.RVGELSGGER.G	14
PSTAT-8212	proteomics_stat	4627271	4627297	-	6	2	K.IGNTEMPSR.A	13
PSTAT-8213	proteomics_stat	4627298	4627339	-	6	5	K.TVWEEVSGGLDIMK.I	18
PSTAT-8214	proteomics_stat	4627340	4627384	-	6	4	K.LASVDQFRDMSDNSK.T	19
PSTAT-8215	proteomics_stat	4627361	4627384	-	6	2	K.LASVDQFR.D	12

PSTAT-8216	proteomics_stat	4627385	4627444	-	6	6	R.MISGQEQPDSGTITLGETVK.L	24
PSTAT-8217	proteomics_stat	4627460	4627501	-	6	5	K.GAIVGIIPNGAGK.S	18
PSTAT-8218	proteomics_stat	4627502	4627537	-	6	3	R.LLIDDLFSIPK.G	16
PSTAT-8219	proteomics_stat	4627592	4627630	-	6	2	R.NETNELFIPPGPR.L	17
PSTAT-8220	proteomics_stat	4627592	4627633	-	6	14	K.RNETNELFIPPGPR.L	18
PSTAT-8221	proteomics_stat	4627631	4627666	-	6	2	R.FEELNSTEYQKR.N	16
PSTAT-8222	proteomics_stat	4627634	4627666	-	6	3	R.FEELNSTEYQK.R	15
PSTAT-8223	proteomics_stat	4627751	4627783	-	6	9	R.LAQEASQEAAAR.R	15
PSTAT-8224	proteomics_stat	4627751	4627786	-	6	4	Q.RLAQEASQEAAAR.R	16
PSTAT-8225	proteomics_stat	4627793	4627843	-	6	3	R.GEGIPWEGNYSSWLEQK.D	21
PSTAT-8226	proteomics_stat	4627889	4627936	-	6	18	R.FLHDFEGTVVAITHDR.Y	20
PSTAT-8227	proteomics_stat	4627937	4628020	-	6	5	R.LLLEKPDMLLLDEPTNHLDAESVAWLER.F	32
PSTAT-8228	proteomics_stat	4628042	4628068	-	6	2	K.IANLSGGER.R	13
PSTAT-8229	proteomics_stat	4628069	4628107	-	6	3	R.AADALRLPDWDAK.I	17
PSTAT-8230	proteomics_stat	4628108	4628164	-	6	6	R.LEEIIQAHDGHNLNVQLER.A	23
PSTAT-8231	proteomics_stat	4628165	4628239	-	6	9	K.RLDEVYALYADPDADFDKLAEEQGR.L	29
PSTAT-8232	proteomics_stat	4628237	4628284	-	6	5	R.ESIEEAVSEVVNALKR.L	20
PSTAT-8233	proteomics_stat	4628240	4628284	-	6	17	R.ESIEEAVSEVVNALK.R	19
PSTAT-8234	proteomics_stat	4628285	4628335	-	6	5	K.IGYLPQEPQLNPEHTVR.E	21
PSTAT-8235	proteomics_stat	4628336	4628395	-	6	5	R.IMAGIDKIDIEGEARPPDIK.I	24
PSTAT-8236	proteomics_stat	4628411	4628443	-	6	3	K.IGVLGLNGAGK.S	15
PSTAT-8237	proteomics_stat	4628444	4628476	-	6	2	K.NISLSFFPGAK.I	15
PSTAT-8238	proteomics_stat	4628516	4628542	-	6	3	V.AQFVYTMHR.V	13
PSTAT-8239	proteomics_stat	4631056	4631163	-	5	12	A.SGIRCTMPDAPRLIRPTKSIAFQQHLFQPLAQLDGR.G	40
PSTAT-8240	proteomics_stat	4632854	4632946	-	6	2	K.FVTLEDTPLIGVTQSYSCSLEQISDFRHEMR.Y	35
PSTAT-8241	proteomics_stat	4632866	4632946	-	6	3	K.FVTLEDTPLIGVTQSYSCSLEQISDFR.H	31
PSTAT-8242	proteomics_stat	4632947	4632976	-	6	2	R.LGEFTMPEHK.F	14
PSTAT-8243	proteomics_stat	4633091	4633132	-	6	10	R.LTARPILDIALQYR.F	18
PSTAT-8244	proteomics_stat	4633169	4633204	-	6	4	K.DVTGHAIGAYIR.A	16
PSTAT-8245	proteomics_stat	4633244	4633309	-	6	6	R.DLLIWLEGHLDQPLSLDNVAAK.A	26
PSTAT-8246	proteomics_stat	4637637	4637699	-	4	36	K.HFESTPDTPEIIATIHGEGYR.F	25
PSTAT-8247	proteomics_stat	4637637	4637702	-	4	18	R.KHFESTPDTPEIIATIHGEGYR.F	26
PSTAT-8248	proteomics_stat	4637796	4637828	-	4	13	R.AMLHFCENPGK.I	15
PSTAT-8249	proteomics_stat	4637841	4637882	-	4	9	R.SLIGPDGEQYKLPR.S	18
PSTAT-8250	proteomics_stat	4637850	4637882	-	4	2	R.SLIGPDGEQYK.L	15
PSTAT-8251	proteomics_stat	4637883	4637915	-	4	5	K.FNGWELDINSR.S	15
PSTAT-8252	proteomics_stat	4637937	4637969	-	4	4	R.TMNLGTVSEER.R	15
PSTAT-8253	proteomics_stat	4637937	4637972	-	4	2	S.RTMNLGTVSEER.R	16
PSTAT-8254	proteomics_stat	4638006	4638062	-	4	13	K.ILGLEIGADDYITKPFNPR.E	23
PSTAT-8255	proteomics_stat	4638006	4638080	-	4	41	R.DNEVDKILGLEIGADDYITKPFNPR.E	29
PSTAT-8256	proteomics_stat	4638081	4638119	-	4	9	R.EQANVALMFLTGR.D	17
PSTAT-8257	proteomics_stat	4638282	4638314	-	4	5	H.ILIVEDLVTR.N	15
PSTAT-8258	proteomics_stat	4638282	4638329	-	4	24	N.MQTPHILIVEDLVTR.N	20
PPUB+1	Proteomics_pub	352	384	+	1		FGGTSVANAER	11
PPUB+2	Proteomics_pub	394	423	+	1		VADILESNAER	10
PPUB+3	Proteomics_pub	424	462	+	1		QGQVATVLSAPAK	13

PPUB+4	Proteomics_pub	463	495	+	1	ITNHLVAMIEK	11
PPUB+5	Proteomics_pub	496	543	+	1	TISGQDALPNISDAER	16
PPUB+6	Proteomics_pub	544	609	+	1	IFAE LLTGLAAAQPGFPLAQLK	22
PPUB+7	Proteomics_pub	610	642	+	1	TFVDQEFAQIK	11
PPUB+8	Proteomics_pub	643	720	+	1	HVLHGISLLGQCPDSINAALICRGEK	26
PPUB+9	Proteomics_pub	760	795	+	1	GHNVTVIDPVEK	12
PPUB+10	Proteomics_pub	796	852	+	1	LLAVGHYLESTVDIAESTR	19
PPUB+11	Proteomics_pub	871	924	+	1	IPADHMVLMAGFTAGNEK	18
PPUB+12	Proteomics_pub	949	993	+	1	NGSDYSAAVLAACL	15
PPUB+13	Proteomics_pub	1141	1185	+	1	TITPIAQFQIPCLIK	15
PPUB+14	Proteomics_pub	1186	1233	+	1	NTGNPQAPGTLIGASR	16
PPUB+15	Proteomics_pub	1486	1521	+	1	EGLLEPLAVTER	12
PPUB+16	Proteomics_pub	1522	1557	+	1	LAIISVVDGDMR	12
PPUB+17	Proteomics_pub	1603	1647	+	1	ANINIVAI AQSSER	15
PPUB+18	Proteomics_pub	1648	1695	+	1	SISVVVNDDATTGVR	16
PPUB+19	Proteomics_pub	2044	2076	+	1	EGFHVVTPNKK	11
PPUB+20	Proteomics_pub	2077	2115	+	1	ANTSSMDYHQLR	13
PPUB+21	Proteomics_pub	2143	2229	+	1	FLYDTNVGAGLPVIENLQNLNAGDELMK	29
PPUB+22	Proteomics_pub	2320	2349	+	1	EMGYTEPDPR	10
PPUB+23	Proteomics_pub	2350	2379	+	1	DDL SGM DVAR	10
PPUB+24	Proteomics_pub	2569	2604	+	1	YVGNIDEDGVCR	12
PPUB+25	Proteomics_pub	2611	2646	+	1	IAEVDGNDPLFK	12
PPUB+26	Proteomics_pub	2984	3013	+	2	ENIVYQCWER	10
PPUB+27	Proteomics_pub	3167	3199	+	2	LLALMGELEGR	11
PPUB+28	Proteomics_pub	3482	3505	+	2	DVIAEPYR	8
PPUB+29	Proteomics_pub	3656	3697	+	2	NYLQNEGQFVHICR	14
PPUB+30	Proteomics_pub	3755	3808	+	2	DHNEQVSFAQAVTQGLGK	18
PPUB+31	Proteomics_pub	3809	3877	+	2	NQGLFFPHDLPEFSLTEIDEMLK	23
PPUB+32	Proteomics_pub	3905	3958	+	2	ILSAFIGDEIPQEILEER	18
PPUB+33	Proteomics_pub	4316	4342	+	2	QAFDDEELK	9
PPUB+34	Proteomics_pub	4343	4387	+	2	VALGLNSANSINISR	15
PPUB+35	Proteomics_pub	4448	4513	+	2	NQLVSVPSGNFGDLTAGLLAK	22
PPUB+36	Proteomics_pub	4535	4576	+	2	RFIAATNVNDTVPR	14
PPUB+37	Proteomics_pub	4538	4576	+	2	FIAATNVNDTVPR	13
PPUB+38	Proteomics_pub	4577	4606	+	2	FLHDGQWSPK	10
PPUB+39	Proteomics_pub	4706	4756	+	2	ELGYAAVDDETTQQTMR	17
PPUB+40	Proteomics_pub	4766	4810	+	2	ELGYTSEPHAAVAYR	15
PPUB+41	Proteomics_pub	4820	4876	+	2	DQLNPGEYGLFLGTAHPAK	19
PPUB+42	Proteomics_pub	4943	4996	+	2	ADLPLLSHNL PADFAALR	18
PPUB+43	Proteomics_pub	4943	4999	+	2	ADLPLLSHNL PADFAALRK	19
PPUB+44	Proteomics_pub	8265	8312	+	3	QYTTVVADTGDIAMK	16
PPUB+45	Proteomics_pub	8313	8384	+	3	LYQPQDATTNPSLILNAAQIPEYR	24
PPUB+46	Proteomics_pub	8313	8387	+	3	LYQPQDATTNPSLILNAAQIPEYRK	25
PPUB+47	Proteomics_pub	8385	8417	+	3	KLIDDAVAWAK	11
PPUB+48	Proteomics_pub	8388	8417	+	3	LIDDAVAWAK	10
PPUB+49	Proteomics_pub	8418	8465	+	3	QQSNDRAQQIVDATDK	16

PPUB+50	Proteomics_pub	8436	8465	+	3	AQQIVDATDK	10
PPUB+51	Proteomics_pub	8466	8498	+	3	LAVNIGLEILK	11
PPUB+52	Proteomics_pub	8538	8570	+	3	LSYDTEASIAK	11
PPUB+53	Proteomics_pub	8538	8576	+	3	LSYDTEASIAKAK	13
PPUB+54	Proteomics_pub	8589	8621	+	3	LYNDAGISNDR	11
PPUB+55	Proteomics_pub	8589	8633	+	3	LYNDAGISNDRILIK	15
PPUB+56	Proteomics_pub	8634	8660	+	3	LASTWEGIR	9
PPUB+57	Proteomics_pub	8634	8660	+	3	LASTWQGIR	9
PPUB+58	Proteomics_pub	8682	8732	+	3	EGINCNLTLIFSFAQAR	17
PPUB+59	Proteomics_pub	8682	8732	+	3	EGINCNLTLIFSFAQAR	17
PPUB+60	Proteomics_pub	8733	8780	+	3	ACAEAGVFLISPFVGR	16
PPUB+61	Proteomics_pub	8733	8780	+	3	ACAEAGVFLISPFVGR	16
PPUB+62	Proteomics_pub	8817	8879	+	3	EYAPAEDPGVSVSEIYQYYK	21
PPUB+63	Proteomics_pub	8880	8921	+	3	EHGYETVVMGASFR	14
PPUB+64	Proteomics_pub	8922	8960	+	3	NIGEILELAGCDR	13
PPUB+65	Proteomics_pub	8922	8987	+	3	NIGEILELAGCDRLTIAPALLK	22
PPUB+66	Proteomics_pub	8988	9020	+	3	ELAESEGAIER	11
PPUB+67	Proteomics_pub	8988	9023	+	3	ELAESEGAIERK	12
PPUB+68	Proteomics_pub	9021	9047	+	3	KLSYTGEVK	9
PPUB+69	Proteomics_pub	9063	9119	+	3	ITSEFLWQHNDPMAVDK	19
PPUB+70	Proteomics_pub	9141	9170	+	3	FAIDQEKLEK	10
PPUB+71	Proteomics_pub	9546	9587	+	3	RDVTPDATALAVADR	14
PPUB+72	Proteomics_pub	9549	9587	+	3	DVTPDATALAVADR	13
PPUB+73	Proteomics_pub	9588	9617	+	3	EMPGFGEQMR	10
PPUB+74	Proteomics_pub	9618	9659	+	3	QISLHFVPTAILSR	14
PPUB+75	Proteomics_pub	9678	9716	+	3	KQALILNLPQGPK	13
PPUB+76	Proteomics_pub	9681	9716	+	3	QALILNLPQGPK	12
PPUB+77	Proteomics_pub	12172	12237	+	1	IIGIDLGTNSCVAIMDGTTPR	22
PPUB+78	Proteomics_pub	12238	12264	+	1	VLENAEGDR	9
PPUB+79	Proteomics_pub	12238	12327	+	1	VLENAEGDRTPPSIIAYTQDGETLVGQPAK	30
PPUB+80	Proteomics_pub	12265	12327	+	1	TTPSIIAYTQDGETLVGQPAK	21
PPUB+81	Proteomics_pub	12265	12330	+	1	TTPSIIAYTQDGETLVGQPAKR	22
PPUB+82	Proteomics_pub	12328	12372	+	1	RQAVTNPQNTLFAIK	15
PPUB+83	Proteomics_pub	12331	12372	+	1	QAVTNPQNTLFAIK	14
PPUB+84	Proteomics_pub	12331	12375	+	1	QAVTNPQNTLFAIKR	15
PPUB+85	Proteomics_pub	12415	12438	+	1	DVSIMPFK	8
PPUB+86	Proteomics_pub	12439	12480	+	1	IIAADNGDAWVEVK	14
PPUB+87	Proteomics_pub	12490	12525	+	1	MAPPQISAEVLK	12
PPUB+88	Proteomics_pub	12490	12528	+	1	MAPPQISAEVLKK	13
PPUB+89	Proteomics_pub	12535	12615	+	1	KTAEDYLGEVPTEAVITVPAYFNDAQR	27
PPUB+90	Proteomics_pub	12538	12615	+	1	TAEDYLGEVPTEAVITVPAYFNDAQR	26
PPUB+91	Proteomics_pub	12661	12711	+	1	RIINEPTAAALAYGLDK	17
PPUB+92	Proteomics_pub	12664	12711	+	1	IINEPTAAALAYGLDK	16
PPUB+93	Proteomics_pub	12664	12726	+	1	IINEPTAAALAYGLDKGTGNR	21
PPUB+94	Proteomics_pub	12727	12804	+	1	TIAVYDLGGGTFDISIIEIDEVDGEK	26
PPUB+95	Proteomics_pub	12805	12867	+	1	TFEVLATNGDTHLGGEDFDSR	21

PPUB+96	Proteomics_pub	12868	12897	+	1	LINYLVEEFK	10
PPUB+97	Proteomics_pub	12868	12900	+	1	LINYLVEEFKK	11
PPUB+98	Proteomics_pub	12922	12945	+	1	NDPLAMQR	8
PPUB+99	Proteomics_pub	12967	13044	+	1	AKIELSSAQQTVDNLPYITADATGPK	26
PPUB+100	Proteomics_pub	12973	13044	+	1	IELSSAQQTVDNLPYITADATGPK	24
PPUB+101	Proteomics_pub	13069	13107	+	1	AKLESLVEDLVNR	13
PPUB+102	Proteomics_pub	13075	13107	+	1	LESLVEDLVNR	11
PPUB+103	Proteomics_pub	13126	13197	+	1	VALQDAGLSVSDIDDVILVGGQTR	24
PPUB+104	Proteomics_pub	13216	13239	+	1	KVAEFFGK	8
PPUB+105	Proteomics_pub	13219	13248	+	1	VAEFFGKEPR	10
PPUB+106	Proteomics_pub	13249	13323	+	1	KDVNPDEAVAIGAAVQGGVLTGDVK	25
PPUB+107	Proteomics_pub	13252	13323	+	1	DVNPDEAVAIGAAVQGGVLTGDVK	24
PPUB+108	Proteomics_pub	13324	13404	+	1	DVLLLDVTPLSLGIETMGGVMTTLIAK	27
PPUB+109	Proteomics_pub	13426	13497	+	1	HSQVFSTAEDNQSAVTIHVLQGER	24
PPUB+110	Proteomics_pub	13426	13500	+	1	HSQVFSTAEDNQSAVTIHVLQGERK	25
PPUB+111	Proteomics_pub	13504	13563	+	1	AADNKSLGQFNLDGINPAPR	20
PPUB+112	Proteomics_pub	13519	13563	+	1	SLGQFNLDGINPAPR	15
PPUB+113	Proteomics_pub	13669	13704	+	1	ASSGLNEDEIQK	12
PPUB+114	Proteomics_pub	13714	13743	+	1	DAEANAADR	10
PPUB+115	Proteomics_pub	13714	13746	+	1	DAEANAADRK	11
PPUB+116	Proteomics_pub	13771	13803	+	1	NQGDHLLHSTR	11
PPUB+117	Proteomics_pub	13771	13806	+	1	NQGDHLLHSTRK	12
PPUB+118	Proteomics_pub	13807	13848	+	1	QVEEAGDKLPADDK	14
PPUB+119	Proteomics_pub	13849	13893	+	1	TAIESALTALETALK	15
PPUB+120	Proteomics_pub	13849	13905	+	1	TAIESALTALETALKGEDK	19
PPUB+121	Proteomics_pub	13924	13953	+	1	MQELAQVSQK	10
PPUB+122	Proteomics_pub	13954	14028	+	1	LMEIAQQQHAQQQTAGADASANNAK	25
PPUB+123	Proteomics_pub	13954	14067	+	1	LMEIAQQQHAQQQTAGADASANNAKDDDVVDAEFEEVK	38
PPUB+124	Proteomics_pub	14029	14067	+	1	DDDVVDAEFEEVK	13
PPUB+125	Proteomics_pub	14177	14209	+	2	QDYEILGVSK	11
PPUB+126	Proteomics_pub	14321	14353	+	2	EAYEVLTDTSQK	11
PPUB+127	Proteomics_pub	14321	14356	+	2	EAYEVLTDTSQKR	12
PPUB+128	Proteomics_pub	14687	14734	+	2	QGFFAVQQTCPHCQGR	16
PPUB+129	Proteomics_pub	14813	14842	+	2	IPAGVDTGDR	10
PPUB+130	Proteomics_pub	15110	15139	+	2	GGAQGDLLCR	10
PPUB+131	Proteomics_pub	15140	15175	+	2	VVVETPVGLNER	12
PPUB+132	Proteomics_pub	15182	15244	+	2	QLLQELQESFGGPTGEHNSPR	21
PPUB+133	Proteomics_pub	15272	15295	+	2	KFFDDLTR	8
PPUB+134	Proteomics_pub	22406	22444	+	2	STLNLPETGFPMR	13
PPUB+135	Proteomics_pub	22460	22483	+	2	REPGMLAR	8
PPUB+136	Proteomics_pub	22484	22516	+	2	WTDDDLYGIIR	11
PPUB+137	Proteomics_pub	22637	22705	+	2	GLSGYDSPYVPGWDCHGLPIELK	23
PPUB+138	Proteomics_pub	22706	22738	+	2	VEQEYKPGEK	11
PPUB+139	Proteomics_pub	22772	22804	+	2	EYAATQVDGQR	11
PPUB+140	Proteomics_pub	22820	22870	+	2	LGVLDWSPYLTMDFK	17
PPUB+141	Proteomics_pub	22904	22930	+	2	IIGNHHLHK	9

PPUB+142	Proteomics_pub	22931	22966	+	2	GAKPVHWCVDCR	12
PPUB+143	Proteomics_pub	22967	23005	+	2	SALAEAEVEYYDK	13
PPUB+144	Proteomics_pub	23006	23059	+	2	TSPSIDVAFQAVDQDALK	18
PPUB+145	Proteomics_pub	23066	23143	+	2	FAVSNVNGPISLVIWTTTPWTLPANR	26
PPUB+146	Proteomics_pub	23216	23242	+	2	DLVESVMQR	9
PPUB+147	Proteomics_pub	23243	23281	+	2	IGVTDYITILGTVK	13
PPUB+148	Proteomics_pub	23525	23560	+	2	ANDIVALLQEK	12
PPUB+149	Proteomics_pub	23585	23614	+	2	MQHSYPCCW	10
PPUB+150	Proteomics_pub	23615	23638	+	2	HKTPIIFR	8
PPUB+151	Proteomics_pub	23639	23674	+	2	ATPQWFVSMQK	12
PPUB+152	Proteomics_pub	23708	23743	+	2	GVQWIPDWGQAR	12
PPUB+153	Proteomics_pub	23744	23788	+	2	IESMVANRPDWCISR	15
PPUB+154	Proteomics_pub	23795	23830	+	2	TWGVPMSLFVHK	12
PPUB+155	Proteomics_pub	23831	23854	+	2	DTEELHPR	8
PPUB+156	Proteomics_pub	23855	23884	+	2	TLELMEEVAK	10
PPUB+157	Proteomics_pub	23885	23932	+	2	RVEVDGIQAWWDLDAK	16
PPUB+158	Proteomics_pub	23933	23968	+	2	EILGDEADQYVK	12
PPUB+159	Proteomics_pub	24152	24193	+	2	QVLTHGFTVDGQGR	14
PPUB+160	Proteomics_pub	24206	24247	+	2	SIGNTVSPQDVMNK	14
PPUB+161	Proteomics_pub	24371	24409	+	2	FLLANLNGFDPK	13
PPUB+162	Proteomics_pub	24410	24448	+	2	DMVKPEEMVVLDR	13
PPUB+163	Proteomics_pub	24449	24469	+	2	WAVGCAK	7
PPUB+164	Proteomics_pub	24494	24532	+	2	AYEAYDFHEVVQR	13
PPUB+165	Proteomics_pub	24626	24673	+	2	RSCQTALYHIAEALVR	16
PPUB+166	Proteomics_pub	24629	24673	+	2	SCQTALYHIAEALVR	15
PPUB+167	Proteomics_pub	24674	24736	+	2	WMAPILSFTADEVWGYLPGER	21
PPUB+168	Proteomics_pub	24944	24970	+	2	LTALGDEL	9
PPUB+169	Proteomics_pub	24971	25051	+	2	FVLLTSGATVADYNDAPADAQQSEVLK	27
PPUB+170	Proteomics_pub	25100	25129	+	2	CWHYTQDVGK	10
PPUB+171	Proteomics_pub	25130	25159	+	2	VAEHAEICGR	10
PPUB+172	Proteomics_pub	25160	25192	+	2	CVSNVAGDGEK	11
PPUB+173	Proteomics_pub	25160	25195	+	2	CVSNVAGDGEKR	12
PPUB+174	Proteomics_pub	25880	25912	+	2	LDDGTTAESTR	11
PPUB+175	Proteomics_pub	25940	25993	+	2	LGDASLSEGLEQHLLGLK	18
PPUB+176	Proteomics_pub	26277	26303	+	3	MQILLANPR	9
PPUB+177	Proteomics_pub	27024	27056	+	3	DIQEEWVKEVK	11
PPUB+178	Proteomics_pub	28491	28544	+	3	EGSSLLGSDAGELAGAGK	18
PPUB+179	Proteomics_pub	28665	28706	+	3	GMVIGTTGFDEAGK	14
PPUB+180	Proteomics_pub	28977	29009	+	3	VPGTIGFATVR	11
PPUB+181	Proteomics_pub	29094	29120	+	3	MTFANGAVR	9
PPUB+182	Proteomics_pub	29121	29144	+	3	SALWLSGK	8
PPUB+183	Proteomics_pub	29660	29704	+	2	SALLVLEDGTQFHGR	15
PPUB+184	Proteomics_pub	29900	29929	+	2	DLPLIASNFR	10
PPUB+185	Proteomics_pub	29930	29959	+	2	NTEDLSSYLK	10
PPUB+186	Proteomics_pub	29960	29998	+	2	RHNIVAIADIDTR	13
PPUB+187	Proteomics_pub	30026	30088	+	2	GAQNGCIIAGDNPDAALALEK	21

PPUB+188	Proteomics_pub	30095	30130	+	2	AFPGLNGMDLAK	12
PPUB+189	Proteomics_pub	30206	30256	+	2	KEDELPFHVVAYDFGAK	17
PPUB+190	Proteomics_pub	30296	30340	+	2	LTIVPAQTS AEDVLK	15
PPUB+191	Proteomics_pub	30341	30421	+	2	MNPDGIFLSNGPGDPAPCDYAITAIQK	27
PPUB+192	Proteomics_pub	30641	30676	+	2	SLFDGTLQGIHR	12
PPUB+193	Proteomics_pub	30946	31041	+	1	VILVNSNPATIMTDPEMADATYIEPIHWEVVR	32
PPUB+194	Proteomics_pub	31057	31128	+	1	ERPDAVLPTMGGQTALNCALELER	24
PPUB+195	Proteomics_pub	31372	31398	+	1	EEFEEICAR	9
PPUB+196	Proteomics_pub	31399	31422	+	1	GLDLSPTK	8
PPUB+197	Proteomics_pub	31423	31458	+	1	ELLIDESLIGWK	12
PPUB+198	Proteomics_pub	31636	31689	+	1	EIGVETGGSNVQFAVNP	18
PPUB+199	Proteomics_pub	31699	31725	+	1	LIVIEMNPR	9
PPUB+200	Proteomics_pub	31756	31779	+	1	ATGFPIAK	8
PPUB+201	Proteomics_pub	31792	31845	+	1	LAVGYTLDELMNDITGGR	18
PPUB+202	Proteomics_pub	31846	31890	+	1	TPASFEPSIDYVVT	15
PPUB+203	Proteomics_pub	31954	31983	+	1	SVGEVMAIGR	10
PPUB+204	Proteomics_pub	32017	32052	+	1	GLEVGATGFDPK	12
PPUB+205	Proteomics_pub	32053	32085	+	1	VSLDDPEALTK	11
PPUB+206	Proteomics_pub	32104	32148	+	1	DAGADRIWYIADAFR	15
PPUB+207	Proteomics_pub	32122	32148	+	1	IWYIADAFR	9
PPUB+208	Proteomics_pub	32149	32196	+	1	AGLSVDGVFNLTNIDR	16
PPUB+209	Proteomics_pub	32242	32286	+	1	VAEVGITGLNADFLR	15
PPUB+210	Proteomics_pub	32500	32529	+	1	IMVLGGGPNR	10
PPUB+211	Proteomics_pub	32662	32709	+	1	LYFEPVTLEDVLEIVR	16
PPUB+212	Proteomics_pub	32725	32763	+	1	GVIVQYGGQTPLK	13
PPUB+213	Proteomics_pub	32773	32829	+	1	ALEAAGVPVIGTSPDAIDR	19
PPUB+214	Proteomics_pub	32875	32928	+	1	LKQPANATVTAIEMAVEK	18
PPUB+215	Proteomics_pub	32923	32985	+	1	EAVADIGYPCIVKPMSSSGK	21
PPUB+216	Proteomics_pub	32935	32985	+	1	EIGYPLVVRPSYVLGGR	17
PPUB+217	Proteomics_pub	32986	33024	+	1	AMEIVYDEADLRR	13
PPUB+218	Proteomics_pub	33286	33315	+	1	GLMNVQFAVK	10
PPUB+219	Proteomics_pub	33316	33351	+	1	NNEVYLIEVNPR	12
PPUB+220	Proteomics_pub	33433	33459	+	1	SLAEQGVTK	9
PPUB+221	Proteomics_pub	33490	33513	+	1	EVVLPFNK	8
PPUB+222	Proteomics_pub	33514	33552	+	1	FPGVDPLLGP	13
PPUB+223	Proteomics_pub	33553	33582	+	1	STGEVMGVGR	10
PPUB+224	Proteomics_pub	33607	33636	+	1	AQLGSNSTMK	10
PPUB+225	Proteomics_pub	33835	33876	+	1	NGEYTYIINTTSGR	14
PPUB+226	Proteomics_pub	34000	34035	+	1	VISVQEMHAQIK	12
PPUB+227	Proteomics_pub	85777	85818	+	1	HEQAAVHMADGLAR	14
PPUB+228	Proteomics_pub	86566	86604	+	1	TVTADIPVGDAR	13
PPUB+229	Proteomics_pub	86743	86778	+	1	IKPQAVIETLWR	12
PPUB+230	Proteomics_pub	86869	86931	+	1	WINSGGLGTMGFGLPAALGVK	21
PPUB+231	Proteomics_pub	87435	87491	+	3	GYNIESLTVAPTDDPTLSR	19
PPUB+232	Proteomics_pub	87492	87521	+	3	MTIQTVGDEK	10
PPUB+233	Proteomics_pub	87573	87608	+	3	VSELGQGAHVER	12

PPUB+234	Proteomics_pub	93187	93225	+	1	DLLAPWVPDAPSR	13
PPUB+235	Proteomics_pub	93760	93792	+	1	FAASVFTNLSR	11
PPUB+236	Proteomics_pub	93991	94032	+	1	ATEVNYHDSGATIR	14
PPUB+237	Proteomics_pub	94791	94823	+	3	FDAHDFADQAK	11
PPUB+238	Proteomics_pub	94953	94982	+	3	VVALTGSSGK	10
PPUB+239	Proteomics_pub	100196	100228	+	2	VLVVGGSQGAR	11
PPUB+240	Proteomics_pub	100265	100303	+	2	LGDSVTIWHQSGK	13
PPUB+241	Proteomics_pub	101398	101442	+	1	QTFINFLHNLPHYGR	15
PPUB+242	Proteomics_pub	101542	101592	+	1	VEDYQQIGPQGHFTLLR	17
PPUB+243	Proteomics_pub	101713	101742	+	1	ALESFQGTGR	10
PPUB+244	Proteomics_pub	102202	102237	+	1	LKPQTPEEEQHD	12
PPUB+245	Proteomics_pub	102245	102280	+	2	IAVLLGGTSAER	12
PPUB+246	Proteomics_pub	102281	102325	+	2	EVSLNSGAAVLAGLR	15
PPUB+247	Proteomics_pub	102326	102361	+	2	EGGIDAYPVDPK	12
PPUB+248	Proteomics_pub	102641	102700	+	2	LGLPLFVKPANQGSSVGVSK	20
PPUB+249	Proteomics_pub	102701	102736	+	2	VVAENALQDALR	12
PPUB+250	Proteomics_pub	102839	102877	+	2	IQPSGTFYDYEAK	13
PPUB+251	Proteomics_pub	105305	105346	+	2	MFPEMELTNDAVIK	14
PPUB+252	Proteomics_pub	105347	105397	+	2	VIGVGGGGGNAVEHMVR	17
PPUB+253	Proteomics_pub	105458	105502	+	2	TAVGQTIQIGSGITK	15
PPUB+254	Proteomics_pub	105503	105538	+	2	GLGAGANPEVGR	12
PPUB+255	Proteomics_pub	105539	105571	+	2	NAADEDRLDALR	11
PPUB+256	Proteomics_pub	105731	105769	+	2	MAFAEQGITELSK	13
PPUB+257	Proteomics_pub	105770	105805	+	2	HVDSLITIPNDK	12
PPUB+258	Proteomics_pub	105827	105874	+	2	GISLLDAFGAANDVLK	16
PPUB+259	Proteomics_pub	106118	106153	+	2	LDEFETVGNTIR	12
PPUB+260	Proteomics_pub	106226	106261	+	2	VTVVATGIGMDK	12
PPUB+261	Proteomics_pub	106262	106291	+	2	RPEITLVTNK	10
PPUB+262	Proteomics_pub	106292	106318	+	2	QVQQPVMDR	9
PPUB+263	Proteomics_pub	106319	106372	+	2	YQQHGMAPLTQEKPVAK	18
PPUB+264	Proteomics_pub	106373	106405	+	2	VVNDNAPQTAKE	11
PPUB+265	Proteomics_pub	106406	106441	+	2	EPDYLDIPAFLR	12
PPUB+266	Proteomics_pub	108447	108494	+	3	GEVLENLIPEAFVVR	16
PPUB+267	Proteomics_pub	108603	108650	+	3	TLTATLPAYLNALTGK	16
PPUB+268	Proteomics_pub	108651	108692	+	3	GVHVTVVNDYLAQR	14
PPUB+269	Proteomics_pub	108939	108989	+	3	TPLIISGPAEDSSEMYK	17
PPUB+270	Proteomics_pub	108939	108992	+	3	TPLIISGPAEDSSEMYKR	18
PPUB+271	Proteomics_pub	109266	109304	+	3	DGEVIVDEHTGR	13
PPUB+272	Proteomics_pub	109497	109538	+	3	LDTVVVPTNRPMIR	14
PPUB+273	Proteomics_pub	109581	109613	+	3	IQAIIEDIKER	11
PPUB+274	Proteomics_pub	109623	109661	+	3	GQPVLVGTISIEK	13
PPUB+275	Proteomics_pub	109911	109961	+	3	HDAVLEAGGLHIIGTER	17
PPUB+276	Proteomics_pub	110208	110249	+	3	QLLEYDDVANDQRR	14
PPUB+277	Proteomics_pub	110268	110318	+	3	NELLDVSDVSETINSIR	17
PPUB+278	Proteomics_pub	110493	110525	+	3	ILAQSIEVYQR	11
PPUB+279	Proteomics_pub	110571	110606	+	3	GVMLQTLDSLWK	12



PPUB+280	Proteomics_pub	110607	110636	+	3	EHLAAMDYLR	10
PPUB+281	Proteomics_pub	110775	110810	+	3	MPEEVEELEQQR	12
PPUB+282	Proteomics_pub	113516	113542	+	2	SRSDVLELR	9
PPUB+283	Proteomics_pub	113735	113779	+	2	HVMVSTGTSDADFEK	15
PPUB+284	Proteomics_pub	113975	114010	+	2	VGIGPGSVCTTR	12
PPUB+285	Proteomics_pub	113975	114010	+	2	VGIGPGSICTTR	12
PPUB+286	Proteomics_pub	114272	114301	+	2	RHVGGVAEYR	10
PPUB+287	Proteomics_pub	114338	114361	+	2	GPVENTAR	8
PPUB+288	Proteomics_pub	114383	114412	+	2	SACTYVGASR	10
PPUB+289	Proteomics_pub	123020	123061	+	2	SERFPNDVDPIETR	14
PPUB+290	Proteomics_pub	123029	123061	+	2	FPNDVDPIETR	11
PPUB+291	Proteomics_pub	123062	123094	+	2	DWLQAIESVIR	11
PPUB+292	Proteomics_pub	123062	123112	+	2	DWLQAIESVIREEGVER	17
PPUB+293	Proteomics_pub	123113	123151	+	2	AQYLIDQLLAEAR	13
PPUB+294	Proteomics_pub	123113	123154	+	2	AQYLIDQLLAEARK	14
PPUB+295	Proteomics_pub	123152	123256	+	2	KGGVNVAAGTGISNYINTIPVEEQPEYPGNLELER	35
PPUB+296	Proteomics_pub	123155	123256	+	2	GGVNVAAGTGISNYINTIPVEEQPEYPGNLELER	34
PPUB+297	Proteomics_pub	123155	123259	+	2	GGVNVAAGTGISNYINTIPVEEQPEYPGNLELERR	35
PPUB+298	Proteomics_pub	123278	123304	+	2	WNAIMTVLR	9
PPUB+299	Proteomics_pub	123317	123397	+	2	DLELGGHMASFQSSATIYDVCFNHFFR	27
PPUB+300	Proteomics_pub	123398	123469	+	2	ARNEQDGGDLVYFQGHISPGVYAR	24
PPUB+301	Proteomics_pub	123404	123469	+	2	NEQDGGDLVYFQGHISPGVYAR	22
PPUB+302	Proteomics_pub	123488	123517	+	2	LTQEQLDNFR	10
PPUB+303	Proteomics_pub	123488	123562	+	2	LTQEQLDNFRQEVHGNLSSYPHPK	25
PPUB+304	Proteomics_pub	123563	123637	+	2	LMPEFWQFPTVSMGLGPIGAIYQAK	25
PPUB+305	Proteomics_pub	123683	123736	+	2	QTVYAFLGDGEMDEPESK	18
PPUB+306	Proteomics_pub	123761	123808	+	2	EKLDNLVFINCNLQR	16
PPUB+307	Proteomics_pub	123767	123808	+	2	LDNLVFINCNLQR	14
PPUB+308	Proteomics_pub	123809	123838	+	2	LDGPVTGNGK	10
PPUB+309	Proteomics_pub	123839	123892	+	2	IINELEGIFEGAGWNVIK	18
PPUB+310	Proteomics_pub	123947	123997	+	2	LIQLMNETVDGDYQTFK	17
PPUB+311	Proteomics_pub	124040	124102	+	2	YPETAALVADWTDEQIWALNR	21
PPUB+312	Proteomics_pub	124160	124195	+	2	GKATVILAHTIK	12
PPUB+313	Proteomics_pub	124166	124195	+	2	ATVILAHTIK	10
PPUB+314	Proteomics_pub	124196	124228	+	2	GYGMGDAAEKG	11
PPUB+315	Proteomics_pub	124250	124273	+	2	KMNMDGVR	8
PPUB+316	Proteomics_pub	124283	124324	+	2	DRFNVPVSDADIEK	14
PPUB+317	Proteomics_pub	124289	124324	+	2	FNVPVSDADIEK	12
PPUB+318	Proteomics_pub	124325	124384	+	2	LPYITFPEGSEEHTYLHAQR	20
PPUB+319	Proteomics_pub	124391	124414	+	2	LHGYPVSR	8
PPUB+320	Proteomics_pub	124436	124489	+	2	LELPSLQDFGALLEEQSK	18
PPUB+321	Proteomics_pub	124490	124519	+	2	EISTTIAFVR	10
PPUB+322	Proteomics_pub	124556	124591	+	2	DRLVPIIADEAR	12
PPUB+323	Proteomics_pub	124562	124591	+	2	LVPIIADEAR	10
PPUB+324	Proteomics_pub	124592	124618	+	2	TFGMEGLFR	9
PPUB+325	Proteomics_pub	124619	124669	+	2	QIGIYSPNGQYTPQDR	17

PPUB+326	Proteomics_pub	124619	124690	+	2	QIGIYSPNGQQYTPQDREQVAYYK	24
PPUB+327	Proteomics_pub	124670	124702	+	2	EQVAYYKEDEK	11
PPUB+328	Proteomics_pub	124838	124879	+	2	IGDLCWAAGDQQAR	14
PPUB+329	Proteomics_pub	124880	124909	+	2	GFLIGGTSGR	10
PPUB+330	Proteomics_pub	125063	125149	+	2	QENVVYITTLNENYHMPAMPEGAEEGIR	29
PPUB+331	Proteomics_pub	125063	125152	+	2	QENVVYITTLNENYHMPAMPEGAEEGIRK	30
PPUB+332	Proteomics_pub	125153	125188	+	2	GIYKLETIEGSK	12
PPUB+333	Proteomics_pub	125189	125227	+	2	GKVQLLGSISLR	13
PPUB+334	Proteomics_pub	125195	125227	+	2	VQLLGSISLR	11
PPUB+335	Proteomics_pub	125261	125317	+	2	DYGVGSDVYSVTSFTELAR	19
PPUB+336	Proteomics_pub	125318	125338	+	2	DGQDCER	7
PPUB+337	Proteomics_pub	125339	125371	+	2	WNMLHPLETPR	11
PPUB+338	Proteomics_pub	125372	125434	+	2	VPYIAQVMNDAPAVASTDYMK	21
PPUB+339	Proteomics_pub	125456	125482	+	2	TYVPADDYR	9
PPUB+340	Proteomics_pub	125483	125509	+	2	VLGTDGFR	9
PPUB+341	Proteomics_pub	125534	125593	+	2	HHFEVDASYVVVAALGELAK	20
PPUB+342	Proteomics_pub	125639	125671	+	2	FNIDADKVNPR	11
PPUB+343	Proteomics_pub	125698	125763	+	1	AIEIKVPDIGADEVEITEILVK	22
PPUB+344	Proteomics_pub	125704	125763	+	1	DVNVDPDGSDEVEVTEILVK	20
PPUB+345	Proteomics_pub	125704	125763	+	1	EVNVDPDGGDEVEVTEVMVK	20
PPUB+346	Proteomics_pub	125713	125763	+	1	VPDIGADEVEITEILVK	17
PPUB+347	Proteomics_pub	126013	126072	+	1	DVNVDPDGSDEVEVTEILVK	20
PPUB+348	Proteomics_pub	126013	126072	+	1	EVNVDPDGGDEVEVTEVMVK	20
PPUB+349	Proteomics_pub	126022	126072	+	1	VPDIGADEVEITEILVK	17
PPUB+350	Proteomics_pub	126316	126375	+	1	DVNVDPDGSDEVEVTEILVK	20
PPUB+351	Proteomics_pub	126316	126375	+	1	EVNVDPDGGDEVEVTEVMVK	20
PPUB+352	Proteomics_pub	126325	126375	+	1	VPDIGADEVEITEILVK	17
PPUB+353	Proteomics_pub	126568	126600	+	1	QEAAAPAPAAK	11
PPUB+354	Proteomics_pub	126634	126696	+	1	AEGKSEFAENDAYVHATPLIR	21
PPUB+355	Proteomics_pub	126646	126696	+	1	SEFAENDAYVHATPLIR	17
PPUB+356	Proteomics_pub	126646	126699	+	1	SEFAENDAYVHATPLIRR	18
PPUB+357	Proteomics_pub	126700	126732	+	1	LAREFGVNLAK	11
PPUB+358	Proteomics_pub	126760	126792	+	1	ILREDVQAYVK	11
PPUB+359	Proteomics_pub	126805	126867	+	1	RAEAAPAATGGGIPGMLPWP	21
PPUB+360	Proteomics_pub	126808	126867	+	1	AEAAPAATGGGIPGMLPWP	20
PPUB+361	Proteomics_pub	126883	126915	+	1	FGEIEEVELGR	11
PPUB+362	Proteomics_pub	126949	126987	+	1	NWVMIPHVTHFDK	13
PPUB+363	Proteomics_pub	126988	127017	+	1	TDITELEAFR	10
PPUB+364	Proteomics_pub	126988	127020	+	1	TDITELEAFR	11
PPUB+365	Proteomics_pub	127063	127089	+	1	ITPVVFIMK	9
PPUB+366	Proteomics_pub	127090	127122	+	1	AVAAALEQMPR	11
PPUB+367	Proteomics_pub	127123	127155	+	1	FNSSLSEDGQR	11
PPUB+368	Proteomics_pub	127123	127167	+	1	FNSSLSEDGQRLTK	15
PPUB+369	Proteomics_pub	127168	127230	+	1	KYINIGVAVDTPNGLVVPVFK	21
PPUB+370	Proteomics_pub	127171	127230	+	1	YINIGVAVDTPNGLVVPVFK	20
PPUB+371	Proteomics_pub	127306	127425	+	1	LTAGEMQGGCFTISSIGGLGTHFAPIVNAPEVAILGVSK	40

PPUB+372	Proteomics_pub	127426	127455	+	1	SAMEPVWNGK	10
PPUB+373	Proteomics_pub	127426	127470	+	1	SAMEPVWNGKEFVPR	15
PPUB+374	Proteomics_pub	127471	127506	+	1	LMLPISLSFDHR	12
PPUB+375	Proteomics_pub	127507	127533	+	1	VIDGADGAR	9
PPUB+376	Proteomics_pub	127534	127572	+	1	FITIINNTLSDIR	13
PPUB+377	Proteomics_pub	127534	127575	+	1	FITIINNTLSDIRR	14
PPUB+378	Proteomics_pub	127930	127983	+	1	TQVVVLGAGPAGYSAAFR	18
PPUB+379	Proteomics_pub	127984	128022	+	1	CADLGLETVIVER	13
PPUB+380	Proteomics_pub	128023	128073	+	1	YNTLGGVCLNVGCIPSK	17
PPUB+381	Proteomics_pub	128095	128151	+	1	VIEEAKALAEHGIVFGPEK	19
PPUB+382	Proteomics_pub	128113	128151	+	1	ALAEHGIVFGPEK	13
PPUB+383	Proteomics_pub	128182	128229	+	1	EKVINQLTGGLAGMAK	16
PPUB+384	Proteomics_pub	128188	128229	+	1	VINQLTGGLAGMAK	14
PPUB+385	Proteomics_pub	128266	128310	+	1	FTGANTLEVEGENGK	15
PPUB+386	Proteomics_pub	128311	128394	+	1	TVINFDNAIIAAGSRPIQLPFIPHEDPR	28
PPUB+387	Proteomics_pub	128395	128427	+	1	IWDSTDALELK	11
PPUB+388	Proteomics_pub	128395	128442	+	1	IWDSTDALELKEVPER	16
PPUB+389	Proteomics_pub	128596	128622	+	1	KFNLMLETK	9
PPUB+390	Proteomics_pub	128623	128676	+	1	VTAVEAKEDGIYVTMEGK	18
PPUB+391	Proteomics_pub	128644	128676	+	1	EDGIYVTMEGK	11
PPUB+392	Proteomics_pub	128677	128700	+	1	KAPAEPQR	8
PPUB+393	Proteomics_pub	128680	128730	+	1	APAEPQRYDAVLVAIGR	17
PPUB+394	Proteomics_pub	128701	128730	+	1	YDAVLVAIGR	10
PPUB+395	Proteomics_pub	128764	128799	+	1	AGVEVDDRGFIR	12
PPUB+396	Proteomics_pub	128818	128880	+	1	TNVPHIFAIGDIVQPMLAHK	21
PPUB+397	Proteomics_pub	128881	128925	+	1	GVHEGHVAAEVIAGK	15
PPUB+398	Proteomics_pub	128881	128928	+	1	GVHEGHVAAEVIAGKK	16
PPUB+399	Proteomics_pub	128947	129006	+	1	VIPSIAYTEPEVAWVGLTEK	20
PPUB+400	Proteomics_pub	129016	129069	+	1	EKGISYETATFPWAASGR	18
PPUB+401	Proteomics_pub	129022	129069	+	1	GISYETATFPWAASGR	16
PPUB+402	Proteomics_pub	129070	129105	+	1	AIASDCADGMTK	12
PPUB+403	Proteomics_pub	129070	129120	+	1	AIASDCADGMTKLIFDK	17
PPUB+404	Proteomics_pub	129106	129132	+	1	LIFDKESHR	9
PPUB+405	Proteomics_pub	131651	131719	+	2	AAEGIAPKPLDANQMAALVELLK	23
PPUB+406	Proteomics_pub	131720	131770	+	2	NPPAGEEEFLDLLTNR	17
PPUB+407	Proteomics_pub	131771	131806	+	2	VPPGVDEAAAYVK	12
PPUB+408	Proteomics_pub	131834	131869	+	2	GEAKSPLLTPEK	12
PPUB+409	Proteomics_pub	132233	132277	+	2	EGIEPDQPGVVGPIK	15
PPUB+410	Proteomics_pub	132302	132352	+	2	GFPLAYVGDVVGTSR	17
PPUB+411	Proteomics_pub	132302	132355	+	2	GFPLAYVGDVVGTSR	18
PPUB+412	Proteomics_pub	132419	132445	+	2	GGGLCLGGK	9
PPUB+413	Proteomics_pub	132566	132607	+	2	NHETGELLATFELK	14
PPUB+414	Proteomics_pub	132608	132634	+	2	TDVLIDEV	9
PPUB+415	Proteomics_pub	132635	132667	+	2	AGGRIPLIIGR	11
PPUB+416	Proteomics_pub	132689	132724	+	2	EALGLPHSDVFR	12
PPUB+417	Proteomics_pub	132734	132775	+	2	DVAESDRGFSLAQK	14

PPUB+418	Proteomics_pub	132803	132835	+	2	GIRPGAYCEPK	11
PPUB+419	Proteomics_pub	132836	132880	+	2	MTSVGSQDTTGPMTR	15
PPUB+420	Proteomics_pub	133016	133069	+	2	GGVSLRPGDGVHISWLNLR	18
PPUB+421	Proteomics_pub	133070	133117	+	2	MLLPDTVGTGGDSHTR	16
PPUB+422	Proteomics_pub	133232	133255	+	2	MQPGITLR	8
PPUB+423	Proteomics_pub	133256	133291	+	2	DLVHAIPLYAIK	12
PPUB+424	Proteomics_pub	133346	133378	+	2	ILEIEGLPDLK	11
PPUB+425	Proteomics_pub	133379	133420	+	2	VEQAFELTDASAER	14
PPUB+426	Proteomics_pub	133445	133498	+	2	LNKEPIIEYLNSNIVLLK	18
PPUB+427	Proteomics_pub	133454	133498	+	2	EPIIEYLNSNIVLLK	15
PPUB+428	Proteomics_pub	133718	133768	+	2	IDEVFIGSCMTNIGHFR	17
PPUB+429	Proteomics_pub	133781	133816	+	2	LLDAHKGQLPTR	12
PPUB+430	Proteomics_pub	133817	133840	+	2	LWVAPPTR	8
PPUB+431	Proteomics_pub	133904	133948	+	2	IEIPGCSLCMGNQAR	15
PPUB+432	Proteomics_pub	133949	133987	+	2	VADGATVVSTSTR	13
PPUB+433	Proteomics_pub	134003	134071	+	2	LGTGANVFLASAELAAVAALIGK	23
PPUB+434	Proteomics_pub	134072	134119	+	2	LPTPEEYQTYVAQVDK	16
PPUB+435	Proteomics_pub	134141	134179	+	2	YLNFNQLSQYTEK	13
PPUB+436	Proteomics_pub	141437	141475	+	2	HTVEVMIPAEIHK	13
PPUB+437	Proteomics_pub	141521	141559	+	2	DSGSDMVLVGLLR	13
PPUB+438	Proteomics_pub	141767	141793	+	2	EILSLREPK	9
PPUB+439	Proteomics_pub	141794	141832	+	2	SLAICTLLDKPSR	13
PPUB+440	Proteomics_pub	141794	141835	+	2	SLAICTLLDKPSRR	14
PPUB+441	Proteomics_pub	141926	141946	+	2	HLPYIGK	7
PPUB+442	Proteomics_pub	142869	142910	+	3	GAIVGIIGPNGAGK	14
PPUB+443	Proteomics_pub	142911	142949	+	3	STTIGIISLVNK	13
PPUB+444	Proteomics_pub	143457	143495	+	3	LKSETFILDLPK	13
PPUB+445	Proteomics_pub	167718	167774	+	3	VPQISVVTAEMALHQPK	19
PPUB+446	Proteomics_pub	167784	167825	+	3	EALSYTPGVSVGTR	14
PPUB+447	Proteomics_pub	167826	167861	+	3	GASNTYDHLIIR	12
PPUB+448	Proteomics_pub	167913	167966	+	3	LQGNFYNDVIDPYMLER	18
PPUB+449	Proteomics_pub	167982	168044	+	3	GPMSQLYGS DALGGVVNIITK	21
PPUB+450	Proteomics_pub	167982	168008	+	3	GPVSVLYGK	9
PPUB+451	Proteomics_pub	168009	168044	+	3	SSPGLLNMVSK	12
PPUB+452	Proteomics_pub	168045	168083	+	3	RPTTEPLKEVQFK	13
PPUB+453	Proteomics_pub	168330	168362	+	3	EGTVEPLPNGK	11
PPUB+454	Proteomics_pub	168363	168395	+	3	RLPTDFNEGAK	11
PPUB+455	Proteomics_pub	168366	168395	+	3	LPTDFNEGAK	10
PPUB+456	Proteomics_pub	168939	168971	+	3	YDWADQESLNR	11
PPUB+457	Proteomics_pub	169107	169133	+	3	DGNIFAPSK	9
PPUB+458	Proteomics_pub	169161	169217	+	3	YVPEDRPVVTVGAVYNLTK	19
PPUB+459	Proteomics_pub	169494	169535	+	3	YTGSSYGD PANSEFK	14
PPUB+460	Proteomics_pub	169536	169571	+	3	VGSYTVVDALVR	12
PPUB+461	Proteomics_pub	176613	176663	+	3	SDDVALPLEFTDAAANK	17
PPUB+462	Proteomics_pub	176670	176705	+	3	SLIADEDNPNLK	12
PPUB+463	Proteomics_pub	176892	176918	+	3	FIVTNPNAK	9

PPUB+464	Proteomics_pub	181253	181303	+	2	GYVVTNNHVVDNATVIK	17
PPUB+465	Proteomics_pub	181361	181396	+	2	SDIALIQIQNPK	12
PPUB+466	Proteomics_pub	181439	181522	+	2	VGDYTVAIIGNPFGLGETVTSGIVSALGR	28
PPUB+467	Proteomics_pub	181523	181582	+	2	SGLNAENYENFIQTDAAINR	20
PPUB+468	Proteomics_pub	181706	181744	+	2	NLTSQMVEYGQVK	13
PPUB+469	Proteomics_pub	181745	181795	+	2	RGELGIMGTELNSELAK	17
PPUB+470	Proteomics_pub	181820	181864	+	2	GAFVSQVLPNSSAAK	15
PPUB+471	Proteomics_pub	181820	181864	+	2	GAFVSEVLPGSGSAK	15
PPUB+472	Proteomics_pub	181877	181936	+	2	AGDVITSLNGKPISSFAALR	20
PPUB+473	Proteomics_pub	181937	181969	+	2	AQVGTMPVGSK	11
PPUB+474	Proteomics_pub	182099	182134	+	2	GKDQGVVVNNVK	12
PPUB+475	Proteomics_pub	182105	182134	+	2	DQGVVVNNVK	10
PPUB+476	Proteomics_pub	182135	182167	+	2	TGTPAAQIGLK	11
PPUB+477	Proteomics_pub	182168	182209	+	2	KGDVIIIGANQQAVK	14
PPUB+478	Proteomics_pub	182231	182275	+	2	VLDSKPSVLALNIQR	15
PPUB+479	Proteomics_pub	189907	189936	+	1	AGVHFGHQTR	10
PPUB+480	Proteomics_pub	189952	189978	+	1	MKPFIFGAR	9
PPUB+481	Proteomics_pub	189979	190008	+	1	NKVHIINLEK	10
PPUB+482	Proteomics_pub	190009	190050	+	1	TVPMFNEALAELENK	14
PPUB+483	Proteomics_pub	190009	190062	+	1	TVPMFNEALAELENKIASR	18
PPUB+484	Proteomics_pub	190096	190158	+	1	AASEAVKDAALSQDQFFVNHR	21
PPUB+485	Proteomics_pub	190117	190158	+	1	DAALSQDQFFVNHR	14
PPUB+486	Proteomics_pub	190159	190188	+	1	WLGGMILTNNWK	10
PPUB+487	Proteomics_pub	190213	190257	+	1	LKDLETQSQDGTDFDK	15
PPUB+488	Proteomics_pub	190219	190257	+	1	DLETQSQDGTDFDK	13
PPUB+489	Proteomics_pub	190219	190266	+	1	DLETQSQDGTDFDKLTK	16
PPUB+490	Proteomics_pub	190291	190329	+	1	ELEKLENSLGGIK	13
PPUB+491	Proteomics_pub	190303	190329	+	1	LENSLGGIK	9
PPUB+492	Proteomics_pub	190330	190395	+	1	DMGGLPDALFVIDADHEHIAIK	22
PPUB+493	Proteomics_pub	190396	190497	+	1	EANNLIPVFAIVDTNSDPDGVDFVIPGNDDAIR	34
PPUB+494	Proteomics_pub	190498	190539	+	1	AVTLYLGAVAATVR	14
PPUB+495	Proteomics_pub	190498	190548	+	1	AVTLYLGAVAATVREGR	17
PPUB+496	Proteomics_pub	190540	190596	+	1	EGRSQDLASQAEESEFVEAE	19
PPUB+497	Proteomics_pub	190549	190596	+	1	SQDLASQAEESEFVEAE	16
PPUB+498	Proteomics_pub	190860	190895	+	3	AEITASLVKELR	12
PPUB+499	Proteomics_pub	190902	190928	+	3	TGAGMMDCK	9
PPUB+500	Proteomics_pub	190902	190931	+	3	TGAGMMDCKK	10
PPUB+501	Proteomics_pub	190929	190982	+	3	KALTEANGDIELAIENMR	18
PPUB+502	Proteomics_pub	190932	190982	+	3	ALTEANGDIELAIENMR	17
PPUB+503	Proteomics_pub	190932	190985	+	3	ALTEANGDIELAIENMRK	18
PPUB+504	Proteomics_pub	191010	191045	+	3	KAGNVAADGVK	12
PPUB+505	Proteomics_pub	191013	191045	+	3	AGNVAADGVK	11
PPUB+506	Proteomics_pub	191052	191111	+	3	IDGNYGIILEVNCQTFVAK	20
PPUB+507	Proteomics_pub	191112	191141	+	3	DAGFQAFADK	10
PPUB+508	Proteomics_pub	191112	191168	+	3	DAGFQAFADKVLDAAVAGK	19
PPUB+509	Proteomics_pub	191142	191192	+	3	VLDAAVAGKITDVEVLK	17

PPUB+510	Proteomics_pub	191193	191231	+	3	AQFEERVALVAK	13
PPUB+511	Proteomics_pub	191232	191258	+	3	IGENINIRR	9
PPUB+512	Proteomics_pub	191256	191309	+	3	RVAALEGDVLSYQHGAR	18
PPUB+513	Proteomics_pub	191259	191309	+	3	VAALEGDVLGSYQHGAR	17
PPUB+514	Proteomics_pub	191358	191435	+	3	HIAMHVAASKPEFIKPEDVSAEVVEK	26
PPUB+515	Proteomics_pub	191436	191483	+	3	EYQVQLDIAMQSGKPK	16
PPUB+516	Proteomics_pub	191484	191513	+	3	EIAEKMVEGR	10
PPUB+517	Proteomics_pub	191520	191576	+	3	KFTGEVSLTGQPFVMEPSK	19
PPUB+518	Proteomics_pub	191523	191576	+	3	FTGEVSLTGQPFVMEPSK	18
PPUB+519	Proteomics_pub	191598	191630	+	3	EHNAEVTGFIR	11
PPUB+520	Proteomics_pub	191631	191657	+	3	FEVGEIEK	9
PPUB+521	Proteomics_pub	191631	191699	+	3	FEVGEIEKVETDFAAEVAAMSK	23
PPUB+522	Proteomics_pub	191658	191699	+	3	VETDFAAEVAAMSK	14
PPUB+523	Proteomics_pub	191858	191887	+	2	ATNAKPVYKR	10
PPUB+524	Proteomics_pub	192074	192130	+	2	VVDHMGMLATVMNGLAMR	19
PPUB+525	Proteomics_pub	192164	192235	+	2	LMSAIPLNGVCDYSWAEAISLLR	24
PPUB+526	Proteomics_pub	192236	192310	+	2	NNRVVILSAGTGNPFITDSAACL	25
PPUB+527	Proteomics_pub	192353	192385	+	2	VDGVFTADPAK	11
PPUB+528	Proteomics_pub	192353	192439	+	2	VDGVFTADPAKDPTATMYEQLTYSEVLEK	29
PPUB+529	Proteomics_pub	192449	192481	+	2	VMDLAAFTLAR	11
PPUB+530	Proteomics_pub	192503	192535	+	2	VFNMNKPGALR	11
PPUB+531	Proteomics_pub	192965	193027	+	2	ASPSLLDGIVVEYGTPTPLR	21
PPUB+532	Proteomics_pub	193028	193060	+	2	QLASVTVEDSR	11
PPUB+533	Proteomics_pub	193112	193168	+	2	AIMASDLGLNPNSAGSDIR	19
PPUB+534	Proteomics_pub	193112	193198	+	2	AIMASDLGLNPNSAGSDIRVPLPLTEER	29
PPUB+535	Proteomics_pub	193169	193198	+	2	VPLPLTEER	10
PPUB+536	Proteomics_pub	193310	193336	+	2	EISEDERR	9
PPUB+537	Proteomics_pub	195347	195370	+	2	WDIVQGVR	8
PPUB+538	Proteomics_pub	195626	195661	+	2	RFGGTEPGDETA	12
PPUB+539	Proteomics_pub	198009	198035	+	3	DIHFEGLQR	9
PPUB+540	Proteomics_pub	198036	198074	+	3	VAVGAALLSMPVR	13
PPUB+541	Proteomics_pub	198075	198119	+	3	TGDTVNDEDISNTIR	15
PPUB+542	Proteomics_pub	198120	198155	+	3	ALFATGNFEDVR	12
PPUB+543	Proteomics_pub	198165	198194	+	3	DGDTLLVQVK	10
PPUB+544	Proteomics_pub	198195	198236	+	3	ERPTIASITFSGNK	14
PPUB+545	Proteomics_pub	198261	198287	+	3	QNLEASGVR	9
PPUB+546	Proteomics_pub	198288	198332	+	3	VGESLDRTTIADIEK	15
PPUB+547	Proteomics_pub	198333	198365	+	3	GLEDFYYSVGK	11
PPUB+548	Proteomics_pub	198576	198608	+	3	QKLAGDLETLR	11
PPUB+549	Proteomics_pub	198582	198608	+	3	LAGDLETLR	9
PPUB+550	Proteomics_pub	198639	198680	+	3	FNIDSTQVSLTPDK	14
PPUB+551	Proteomics_pub	198639	198683	+	3	FNIDSTQVSLTPDKK	15
PPUB+552	Proteomics_pub	198729	198794	+	3	LSGVEVSGNLAGHSAEIEQLTK	22
PPUB+553	Proteomics_pub	198795	198827	+	3	IPEGELYNGTK	11
PPUB+554	Proteomics_pub	198870	198890	+	3	YGYAYPR	7
PPUB+555	Proteomics_pub	198891	198926	+	3	VQSMPEINDADK	12

PPUB+556	Proteomics_pub	198987	199025	+	3	FEGNDTSKDAVLR	13
PPUB+557	Proteomics_pub	199101	199139	+	3	LGFFETVDTDTQR	13
PPUB+558	Proteomics_pub	199101	199178	+	3	LGFFETVDTDTQRVPGSPDQVDVVYK	26
PPUB+559	Proteomics_pub	199140	199178	+	3	VPGSPDQVDVVYK	13
PPUB+560	Proteomics_pub	199392	199448	+	3	LFYNDFQADDADLSDYTNK	19
PPUB+561	Proteomics_pub	199449	199505	+	3	SYGTDVTLGFPINEYNSLR	19
PPUB+562	Proteomics_pub	199506	199568	+	3	AGLGYVHNSLSNMQPQVAMWR	21
PPUB+563	Proteomics_pub	199722	199757	+	3	VTIPGSDNEYK	12
PPUB+564	Proteomics_pub	199830	199859	+	3	WGYGDGLGGK	10
PPUB+565	Proteomics_pub	199911	199940	+	3	GFQSNTIGPK	10
PPUB+566	Proteomics_pub	199941	200018	+	3	AVYFPHQASNYDPDYDYECATQDGAK	26
PPUB+567	Proteomics_pub	200307	200351	+	3	YDGDKAEQFQFNIGK	15
PPUB+568	Proteomics_pub	200551	200598	+	1	IAIVNMGSLFQQVAQK	16
PPUB+569	Proteomics_pub	200599	200634	+	1	TGVSNTLENEFK	12
PPUB+570	Proteomics_pub	200599	200640	+	1	TGVSNTLENEFKGR	14
PPUB+571	Proteomics_pub	200641	200682	+	1	ASELQRMETDLQAK	14
PPUB+572	Proteomics_pub	200857	200931	+	1	SVANSQDIDLVVANAVAYNSSDVK	25
PPUB+573	Proteomics_pub	201202	201225	+	1	NPYLTYAR	8
PPUB+574	Proteomics_pub	201817	201903	+	1	VTVTGMGMVMRPITEPGVYSSGIPLQPNK	29
PPUB+575	Proteomics_pub	201916	201954	+	1	TAALVMNIDDMSK	13
PPUB+576	Proteomics_pub	202104	202160	+	3	TTNHTLQIEEILELLPHR	19
PPUB+577	Proteomics_pub	202341	202400	+	3	SVGKLEPGELYFAGIDEAR	20
PPUB+578	Proteomics_pub	202353	202400	+	3	LEPGELYFAGIDEAR	16
PPUB+579	Proteomics_pub	202401	202457	+	3	FKRPVVPGDQMIMEVTFEK	19
PPUB+580	Proteomics_pub	202479	202508	+	3	FKGVALVDGK	10
PPUB+581	Proteomics_pub	202509	202541	+	3	VVCEATMMCAR	11
PPUB+582	Proteomics_pub	202725	202787	+	3	IGRDNEIYQFASIGEVDLQDLK	21
PPUB+583	Proteomics_pub	202734	202787	+	3	DNEIYQFASIGEVDLQDLK	18
PPUB+584	Proteomics_pub	203241	203300	+	3	TLDEVKPEIAELAETPEVK	20
PPUB+585	Proteomics_pub	203301	203324	+	3	AFTDFFAR	8
PPUB+586	Proteomics_pub	206626	206655	+	1	LEGVTRNAGK	10
PPUB+587	Proteomics_pub	207376	207399	+	1	FAGYGFNK	8
PPUB+588	Proteomics_pub	208453	208488	+	1	SGTIPVHLYYQR	12
PPUB+589	Proteomics_pub	208777	208824	+	1	KIFADLGAWQIAQLAR	16
PPUB+590	Proteomics_pub	208780	208824	+	1	IFADLGAWQIAQLAR	15
PPUB+591	Proteomics_pub	208825	208860	+	1	HPQRPYTLDYVR	12
PPUB+592	Proteomics_pub	208861	208899	+	1	LAFDEFDELADGR	13
PPUB+593	Proteomics_pub	208861	208917	+	1	LAFDEFDELADGRAYADDK	19
PPUB+594	Proteomics_pub	208900	208941	+	1	AYADDKAIVGGIAR	14
PPUB+595	Proteomics_pub	208942	208980	+	1	LDGRPVMIIIGHQK	13
PPUB+596	Proteomics_pub	209083	209145	+	1	MPIITFIDTPGAYPGVGAEEER	21
PPUB+597	Proteomics_pub	209338	209391	+	1	SADKAPLAAEAMGIIAPR	18
PPUB+598	Proteomics_pub	209350	209391	+	1	APLAAEAMGIIAPR	14
PPUB+599	Proteomics_pub	209407	209451	+	1	LIDSIIPEPLGGAHR	15
PPUB+600	Proteomics_pub	209452	209481	+	1	NPEAMAASLK	10
PPUB+601	Proteomics_pub	209482	209538	+	1	AQLLADLADLDVLSTEDLK	19

PPUB+602	Proteomics_pub	211383	211433	+	3	LFADAFSKDPDFYAFIR	17
PPUB+603	Proteomics_pub	222842	222868	+	2	SVPAIFLDR	9
PPUB+604	Proteomics_pub	223163	223195	+	2	KPHPGMLLSAR	11
PPUB+605	Proteomics_pub	243543	243608	+	3	MYQDLIRNELNEAAETLANFLK	22
PPUB+606	Proteomics_pub	243609	243638	+	3	DDANIHAIQR	10
PPUB+607	Proteomics_pub	243639	243668	+	3	AAVLLADSFK	10
PPUB+608	Proteomics_pub	243873	243929	+	3	EGDVLLGISTSGNSANVIK	19
PPUB+609	Proteomics_pub	243996	244025	+	3	MAGTADIEIR	10
PPUB+610	Proteomics_pub	244026	244052	+	3	VPHFGYADR	9
PPUB+611	Proteomics_pub	255989	256027	+	2	YIVTWDMLQIHAR	13
PPUB+612	Proteomics_pub	256043	256066	+	2	LMPSEQWK	8
PPUB+613	Proteomics_pub	256088	256120	+	2	GGLVPGALLAR	11
PPUB+614	Proteomics_pub	256136	256183	+	2	HVDTVCISSYDHDNQR	16
PPUB+615	Proteomics_pub	256202	256279	+	2	RAEGDGEGFIVIDDLVDTGGTAVAIR	26
PPUB+616	Proteomics_pub	257874	257900	+	3	FTALGPYIR	9
PPUB+617	Proteomics_pub	258078	258113	+	3	SVPVKDTEVVER	12
PPUB+618	Proteomics_pub	258147	258179	+	3	LRELLTTLNLK	11
PPUB+619	Proteomics_pub	259642	259674	+	1	LGTSVLTTGGSR	11
PPUB+620	Proteomics_pub	259828	259857	+	1	QLLAAVGQSR	10
PPUB+621	Proteomics_pub	260179	260208	+	1	DVYGIDDALR	10
PPUB+622	Proteomics_pub	260209	260262	+	1	AIAGDSVSGLTGGMSTK	18
PPUB+623	Proteomics_pub	260263	260289	+	1	LQAADVACR	9
PPUB+624	Proteomics_pub	261177	261218	+	3	TNAATVAVIQDALK	14
PPUB+625	Proteomics_pub	261303	261326	+	3	YIDMLIPR	8
PPUB+626	Proteomics_pub	261465	261515	+	3	TQRPSTCNTVETLLVNK	17
PPUB+627	Proteomics_pub	261516	261551	+	3	NIADSFLPALS	12
PPUB+628	Proteomics_pub	261690	261728	+	3	IVSDLDDAIAHIR	13
PPUB+629	Proteomics_pub	261729	261767	+	3	EHGTQHSDAILTR	13
PPUB+630	Proteomics_pub	261909	261944	+	3	GPMGLEALTTYK	12
PPUB+631	Proteomics_pub	261945	261974	+	3	WIGIGDYTIR	10
PPUB+632	Proteomics_pub	261945	261977	+	3	WIGIGDYTIRA	11
PPUB+633	Proteomics_pub	281727	281789	+	3	IPVIAGTGANATAEAISLTQR	21
PPUB+634	Proteomics_pub	321225	321257	+	3	AVYHPSCSLAR	11
PPUB+635	Proteomics_pub	339392	339436	+	2	KELVVVAIGGNSIIK	15
PPUB+636	Proteomics_pub	339875	339901	+	2	RVVASPEPK	9
PPUB+637	Proteomics_pub	376314	376343	+	3	LTQAQLINGR	10
PPUB+638	Proteomics_pub	385854	385922	+	3	ALAINPDILLMDEAFSALDPLIR	23
PPUB+639	Proteomics_pub	407401	407433	+	1	MLQSNEYFSGK	11
PPUB+640	Proteomics_pub	407440	407472	+	1	SIGFSSSSTGR	11
PPUB+641	Proteomics_pub	409368	409400	+	3	MRIGIDLGGTK	11
PPUB+642	Proteomics_pub	416639	416695	+	2	ILGLEIGADDYITKPFNPR	19
PPUB+643	Proteomics_pub	424982	425011	+	2	VIAVGTTSVR	10
PPUB+644	Proteomics_pub	425361	425393	+	3	MKFELDTTGDGR	11
PPUB+645	Proteomics_pub	425367	425393	+	3	FELDTTGDGR	9
PPUB+646	Proteomics_pub	425424	425477	+	3	GVVETPCFMPVGTGTGTVK	18
PPUB+647	Proteomics_pub	425670	425696	+	3	ITEQGVHFR	9



PPUB+648	Proteomics_pub	425697	425738	+	3	NPINGDPIFLDPEK	14
PPUB+649	Proteomics_pub	425871	425897	+	3	ERFDSLGNK	9
PPUB+650	Proteomics_pub	426084	426131	+	3	YLMGVGKPEDLVEGVR	16
PPUB+651	Proteomics_pub	426135	426170	+	3	GIDMFDCVMPTR	12
PPUB+652	Proteomics_pub	426180	426215	+	3	NGHLFVTDGVVK	12
PPUB+653	Proteomics_pub	426237	426284	+	3	SDTGPLDPECDCYTCR	16
PPUB+654	Proteomics_pub	426345	426368	+	3	LNTIHNLR	8
PPUB+655	Proteomics_pub	426402	426452	+	3	AIEEGKLESFVTDIFYQR	17
PPUB+656	Proteomics_pub	426420	426452	+	3	LESFVTDIFYQR	11
PPUB+657	Proteomics_pub	426685	426723	+	1	GDEVLTNNGGLVGR	13
PPUB+658	Proteomics_pub	426796	426822	+	1	DFVAAVLPK	9
PPUB+659	Proteomics_pub	427066	427101	+	1	SVALEEGAILAR	12
PPUB+660	Proteomics_pub	427102	427128	+	1	FDSTDTQLR	9
PPUB+661	Proteomics_pub	427306	427335	+	1	LQEQNIDSLR	10
PPUB+662	Proteomics_pub	427378	427413	+	1	KENNYGLSITFR	12
PPUB+663	Proteomics_pub	427381	427413	+	1	ENNYGLSITFR	11
PPUB+664	Proteomics_pub	427456	427503	+	1	RHPDLVISSQGSNQLR	16
PPUB+665	Proteomics_pub	427540	427575	+	1	EYAVQQNINILR	12
PPUB+666	Proteomics_pub	427576	427620	+	1	NRVNQLGVAEPVVQR	15
PPUB+667	Proteomics_pub	427582	427620	+	1	VNQLGVAEPVVQR	13
PPUB+668	Proteomics_pub	427636	427674	+	1	IVVELPGIQDTAR	13
PPUB+669	Proteomics_pub	427717	427761	+	1	LVNTNVDQAAAASGR	15
PPUB+670	Proteomics_pub	427795	427821	+	1	EGQPVVLYK	9
PPUB+671	Proteomics_pub	428035	428073	+	1	QEEVINIANIQSR	13
PPUB+672	Proteomics_pub	428092	428124	+	1	ITGINNPNEAR	11
PPUB+673	Proteomics_pub	428146	428187	+	1	AGALIAPIQIVEER	14
PPUB+674	Proteomics_pub	428479	428511	+	1	TVQQAIDEGYR	11
PPUB+675	Proteomics_pub	428665	428694	+	1	AIVNLLYGGK	10
PPUB+676	Proteomics_pub	428732	428770	+	2	AQEYTVLQNLHGR	13
PPUB+677	Proteomics_pub	429077	429115	+	2	VINESTNQNAAVK	13
PPUB+678	Proteomics_pub	433871	433912	+	2	MNIIEANVATPDAR	14
PPUB+679	Proteomics_pub	433934	433987	+	2	FNNFINDSLLEGAIDALK	18
PPUB+680	Proteomics_pub	433934	433990	+	2	FNNFINDSLLEGAIDALKR	19
PPUB+681	Proteomics_pub	433991	434077	+	2	IGQVKDENITVVVWVPGAYELPLAAGALAK	29
PPUB+682	Proteomics_pub	434006	434077	+	2	DENITVVVWVPGAYELPLAAGALAK	24
PPUB+683	Proteomics_pub	434078	434122	+	2	TGKYDAVIALGTVIR	15
PPUB+684	Proteomics_pub	434087	434122	+	2	YDAVIALGTVIR	12
PPUB+685	Proteomics_pub	434279	434326	+	2	GAEAALTALEMINVLK	16
PPUB+686	Proteomics_pub	434577	434606	+	3	LLEELGQVEK	10
PPUB+687	Proteomics_pub	434664	434696	+	3	VAINAEIELAK	11
PPUB+688	Proteomics_pub	434724	434747	+	3	FVNGVLDK	8
PPUB+689	Proteomics_pub	434748	434777	+	3	AAPVIRPNKK	10
PPUB+690	Proteomics_pub	440878	440907	+	1	HYDETLAVVR	10
PPUB+691	Proteomics_pub	440908	440931	+	1	HWDNIEVR	8
PPUB+692	Proteomics_pub	441115	441150	+	1	GKHDFSSIDVER	12
PPUB+693	Proteomics_pub	441151	441192	+	1	YVGGGLNQHIESAR	14

PPUB+694	Proteomics_pub	441760	441786	+	1	QIGTEDFAR	9
PPUB+695	Proteomics_pub	441895	441927	+	1	VVEEANNVDIR	11
PPUB+696	Proteomics_pub	442048	442086	+	1	VEGIDVVS LPFYK	13
PPUB+697	Proteomics_pub	442099	442122	+	1	FGDLDQNK	8
PPUB+698	Proteomics_pub	444006	444044	+	3	NVEASFELNDASK	13
PPUB+699	Proteomics_pub	444054	444104	+	3	VLSEDFQVNQLLDILR	17
PPUB+700	Proteomics_pub	444120	444176	+	3	RGIEGSSLDVPENIVHSGK	19
PPUB+701	Proteomics_pub	444123	444176	+	3	GIEGSSLDVPENIVHSGK	18
PPUB+702	Proteomics_pub	444198	444230	+	3	LKQGIESATQK	11
PPUB+703	Proteomics_pub	444204	444230	+	3	QGIESATQK	9
PPUB+704	Proteomics_pub	444267	444299	+	3	VQAQIQGDEIR	11
PPUB+705	Proteomics_pub	444312	444350	+	3	SRDDLQAVMAMVR	13
PPUB+706	Proteomics_pub	444318	444350	+	3	DDLQAVMAMVR	11
PPUB+707	Proteomics_pub	444351	444383	+	3	GGDLGQPQFK	11
PPUB+708	Proteomics_pub	453732	453779	+	3	AAFQPVFLEVVDSEYR	16
PPUB+709	Proteomics_pub	453780	453815	+	3	HNVPAGESSEHFK	12
PPUB+710	Proteomics_pub	454357	454395	+	1	MQVSVETTQGLGR	13
PPUB+711	Proteomics_pub	454357	454398	+	1	MQVSVETTQGLGRR	14
PPUB+712	Proteomics_pub	454360	454395	+	1	QVSVETTQGLGR	12
PPUB+713	Proteomics_pub	454396	454443	+	1	RVTTITIAADSIETAVK	16
PPUB+714	Proteomics_pub	454399	454443	+	1	VTITIAADSIETAVK	15
PPUB+715	Proteomics_pub	454495	454527	+	1	GKVP MNIVAQR	11
PPUB+716	Proteomics_pub	454501	454527	+	1	VPMNIVAQR	9
PPUB+717	Proteomics_pub	454528	454575	+	1	YGASVRQDVLGDLMSR	16
PPUB+718	Proteomics_pub	454546	454575	+	1	QDVLGDLMSR	10
PPUB+719	Proteomics_pub	454576	454605	+	1	NFIDAIIEK	10
PPUB+720	Proteomics_pub	454600	454650	+	1	EKINPAGAPTYVPGEYK	17
PPUB+721	Proteomics_pub	454606	454650	+	1	INPAGAPTYVPGEYK	15
PPUB+722	Proteomics_pub	454813	454845	+	1	EKDGAVEAEDR	11
PPUB+723	Proteomics_pub	454819	454845	+	1	DGAVEAEDR	9
PPUB+724	Proteomics_pub	454819	454899	+	1	DGAVEAEDRVTIDFTGSVDGEEFEGGK	27
PPUB+725	Proteomics_pub	454846	454899	+	1	VTIDFTGSVDGEEFEGGK	18
PPUB+726	Proteomics_pub	454900	454935	+	1	ASDFVLAMGQGR	12
PPUB+727	Proteomics_pub	454936	454965	+	1	MIPGFEDGIK	10
PPUB+728	Proteomics_pub	454975	455037	+	1	AGEEFTIDVTFPEEYHAENLK	21
PPUB+729	Proteomics_pub	455074	455118	+	1	VEERELPELTAEFIK	15
PPUB+730	Proteomics_pub	455086	455118	+	1	ELPELTAEFIK	11
PPUB+731	Proteomics_pub	455086	455121	+	1	ELPELTAEFIKR	12
PPUB+732	Proteomics_pub	455119	455157	+	1	RFGVEDGSVEGLR	13
PPUB+733	Proteomics_pub	455122	455157	+	1	FGVEDGSVEGLR	12
PPUB+734	Proteomics_pub	455122	455169	+	1	FGVEDGSVEGLRAEVR	16
PPUB+735	Proteomics_pub	455212	455244	+	1	VKSQAIEGLVK	11
PPUB+736	Proteomics_pub	455245	455301	+	1	ANDIDVPAALIDSEIDVLR	19
PPUB+737	Proteomics_pub	455245	455304	+	1	ANDIDVPAALIDSEIDVLR	20
PPUB+738	Proteomics_pub	455338	455382	+	1	QALELPRELFEEQAK	15
PPUB+739	Proteomics_pub	455359	455385	+	1	ELFEEQAKR	9

PPUB+740	Proteomics_pub	455386	455424	+	1	RVVVGLLLGEVIR	13
PPUB+741	Proteomics_pub	455389	455424	+	1	VVVGLLLGEVIR	12
PPUB+742	Proteomics_pub	455425	455454	+	1	TNELKADEER	10
PPUB+743	Proteomics_pub	455461	455502	+	1	GLIEEMASAYEDPK	14
PPUB+744	Proteomics_pub	455527	455553	+	1	NKELMDNMR	9
PPUB+745	Proteomics_pub	455554	455598	+	1	NVALEEQAWEAVLAK	15
PPUB+746	Proteomics_pub	455617	455652	+	1	ETTFNELMNQQA	12
PPUB+747	Proteomics_pub	456276	456296	+	3	FCLPNSR	7
PPUB+748	Proteomics_pub	456297	456362	+	3	VMIHQPLGGYQGQATDIEIHAR	22
PPUB+749	Proteomics_pub	456387	456440	+	3	MNELMALHTGQSLEQIER	18
PPUB+750	Proteomics_pub	456459	456518	+	3	FLSAPEAVEYGLVDSILTHR	20
PPUB+751	Proteomics_pub	456459	456521	+	3	FLSAPEAVEYGLVDSILTHRN	21
PPUB+752	Proteomics_pub	456683	456709	+	2	LLYCSFCGK	9
PPUB+753	Proteomics_pub	456863	456904	+	2	NHLDDYVIGQEQAQ	14
PPUB+754	Proteomics_pub	456986	457024	+	2	SNILLIGPTGSGK	13
PPUB+755	Proteomics_pub	456989	457024	+	2	NIFLVGPMGAGK	12
PPUB+756	Proteomics_pub	456989	457024	+	2	NILMIGPTGVGK	12
PPUB+757	Proteomics_pub	457184	457213	+	2	GIVYIDEIDK	10
PPUB+758	Proteomics_pub	457184	457222	+	2	GIVYIDEIDKISR	13
PPUB+759	Proteomics_pub	457223	457249	+	2	KSDNPSITR	9
PPUB+760	Proteomics_pub	457250	457288	+	2	DVSGEGVQALLK	13
PPUB+761	Proteomics_pub	457334	457375	+	2	KHPQQEFLQVDTSK	14
PPUB+762	Proteomics_pub	457376	457417	+	2	ILFICGGAFAGLDK	14
PPUB+763	Proteomics_pub	457433	457474	+	2	VETGSGIGFGATVK	14
PPUB+764	Proteomics_pub	457490	457540	+	2	ASEGELLAQVEPEDLIK	17
PPUB+765	Proteomics_pub	457541	457570	+	2	FGLIPEFIGR	10
PPUB+766	Proteomics_pub	457571	457630	+	2	LPVVATLNELSEALIQLK	20
PPUB+767	Proteomics_pub	458136	458162	+	3	IEIPVLPLR	9
PPUB+768	Proteomics_pub	458136	458210	+	3	IEIPVLPLRDVVVPHMVIPLFVGR	25
PPUB+769	Proteomics_pub	458163	458210	+	3	DVVVYPHMVIPLFVGR	16
PPUB+770	Proteomics_pub	458280	458357	+	3	EASTDEPGVNDLFTVGTVASILQMLK	26
PPUB+771	Proteomics_pub	458379	458408	+	3	VLVEGLQRAR	10
PPUB+772	Proteomics_pub	458409	458450	+	3	ISALSDNGEHFSAK	14
PPUB+773	Proteomics_pub	458451	458486	+	3	AEYLESPTIDER	12
PPUB+774	Proteomics_pub	458451	458507	+	3	AEYLESPTIDEREQEVLR	19
PPUB+775	Proteomics_pub	458508	458540	+	3	TAISQFEGYIK	11
PPUB+776	Proteomics_pub	458508	458549	+	3	TAISQFEGYIKLNK	14
PPUB+777	Proteomics_pub	458604	458639	+	3	LADTIAAHMPLK	12
PPUB+778	Proteomics_pub	458652	458687	+	3	QSVLEMSDVNER	12
PPUB+779	Proteomics_pub	458829	458876	+	3	ELGEMDDAPDENEALK	16
PPUB+780	Proteomics_pub	458829	458879	+	3	ELGEMDDAPDENEALKR	17
PPUB+781	Proteomics_pub	458988	459029	+	3	GYIDWMVQVPWNAR	14
PPUB+782	Proteomics_pub	459054	459098	+	3	QAQEILDTDHYGLER	15
PPUB+783	Proteomics_pub	459111	459140	+	3	ILEYLAVQSR	10
PPUB+784	Proteomics_pub	459150	459197	+	3	IKGPILCLVPPGVGK	16
PPUB+785	Proteomics_pub	459156	459197	+	3	GPILCLVPPGVGK	14

PPUB+786	Proteomics_pub	459300	459326	+	3	TYIGSMPGK	9
PPUB+787	Proteomics_pub	459360	459392	+	3	NPLFLLEIDK	11
PPUB+788	Proteomics_pub	459579	459605	+	3	LSGYTEDEK	9
PPUB+789	Proteomics_pub	459579	459620	+	3	LSGYTEDEKLNIAK	14
PPUB+790	Proteomics_pub	459663	459710	+	3	KGELTVDDSAIIGIIR	16
PPUB+791	Proteomics_pub	459723	459749	+	3	EAGVRGLER	9
PPUB+792	Proteomics_pub	459810	459860	+	3	HIEINGDNLHDYLGVQR	17
PPUB+793	Proteomics_pub	459981	460049	+	3	LYTGSLSGEVMQESIQAALTVVR	23
PPUB+794	Proteomics_pub	460065	460094	+	3	LGINPDFYEK	10
PPUB+795	Proteomics_pub	460065	460097	+	3	LGINPDFYEKR	11
PPUB+796	Proteomics_pub	460098	460136	+	3	DIHVHVPEGATPK	13
PPUB+797	Proteomics_pub	460242	460271	+	3	GQVLPIGGLK	10
PPUB+798	Proteomics_pub	460308	460334	+	3	TVLIPFENK	9
PPUB+799	Proteomics_pub	460308	460337	+	3	TVLIPFENKR	10
PPUB+800	Proteomics_pub	460338	460394	+	3	DLEEIPDNVIADLDIHPVK	19
PPUB+801	Proteomics_pub	460684	460728	+	1	SQLIDKIAAGADISK	15
PPUB+802	Proteomics_pub	460744	460785	+	1	ALDAIIASVTESLK	14
PPUB+803	Proteomics_pub	460744	460833	+	1	ALDAIIASVTESLKEGDDVALVGFGTFAVK	30
PPUB+804	Proteomics_pub	460786	460833	+	1	EGDDVALVGFGTFAVK	16
PPUB+805	Proteomics_pub	460849	460875	+	1	TGRNPQTGK	9
PPUB+806	Proteomics_pub	460849	460875	+	1	TGRNPQTGK	9
PPUB+807	Proteomics_pub	460858	460899	+	1	NPQTGKEITIAAAK	14
PPUB+808	Proteomics_pub	461295	461327	+	3	GQFENAFNSER	11
PPUB+809	Proteomics_pub	461421	461456	+	3	LIDEALLDQYAR	12
PPUB+810	Proteomics_pub	461493	461534	+	3	QAIFATPAFQVDGK	14
PPUB+811	Proteomics_pub	461670	461711	+	3	GETDELAALVAQQR	14
PPUB+812	Proteomics_pub	461721	461756	+	3	EATIDVNALAAK	12
PPUB+813	Proteomics_pub	461988	462038	+	3	AVLDELNKGDFAAALAK	17
PPUB+814	Proteomics_pub	462012	462038	+	3	GGDFAALAK	9
PPUB+815	Proteomics_pub	462225	462260	+	3	SLDEVRDDIAAK	12
PPUB+816	Proteomics_pub	462276	462308	+	3	ALDAYYALQK	11
PPUB+817	Proteomics_pub	462309	462374	+	3	VSDAASNDTESLAGAEQAAGVK	22
PPUB+818	Proteomics_pub	462375	462401	+	3	ATQTGWFSK	9
PPUB+819	Proteomics_pub	462540	462599	+	3	ISEHKPEAVKPLADVQEQVK	20
PPUB+820	Proteomics_pub	462681	462713	+	3	GAEAMQAAGLK	11
PPUB+821	Proteomics_pub	462741	462794	+	3	SGRDPISQAAFALPLPAK	18
PPUB+822	Proteomics_pub	469178	469219	+	2	GAIVGIIGPNGAGK	14
PPUB+823	Proteomics_pub	471963	471995	+	3	GAEYMVDFLPK	11
PPUB+824	Proteomics_pub	486309	486362	+	3	SRLDGTDVGETALRPSQK	18
PPUB+825	Proteomics_pub	486561	486599	+	3	TAQEAVSPDEAAR	13
PPUB+826	Proteomics_pub	487572	487601	+	3	VLEKNGVAVR	10
PPUB+827	Proteomics_pub	488778	488810	+	3	LGVAYGSDLEK	11
PPUB+828	Proteomics_pub	490636	490671	+	1	MTATAQQLEYLK	12
PPUB+829	Proteomics_pub	490639	490671	+	1	TATAQQLEYLK	11
PPUB+830	Proteomics_pub	490684	490722	+	1	SIQDYPKPGILFR	13
PPUB+831	Proteomics_pub	490723	490752	+	1	DVTSLLEDPK	10

PPUB+832	Proteomics_pub	490753	490788	+	1	AYALSIDLLVER	12
PPUB+833	Proteomics_pub	490834	490893	+	1	GFLFGAPVALGLGVGFVVR	20
PPUB+834	Proteomics_pub	491065	491133	+	1	RLGGEVADAAFIINLFDLGGEQR	23
PPUB+835	Proteomics_pub	491068	491133	+	1	LGGEVADAAFIINLFDLGGEQR	22
PPUB+836	Proteomics_pub	491143	491184	+	1	QGITSYSLVPPFGH	14
PPUB+837	Proteomics_pub	493369	493428	+	1	MQEEIAQLEVTGESGAGLVK	20
PPUB+838	Proteomics_pub	493429	493458	+	1	VTINGAHNCR	10
PPUB+839	Proteomics_pub	493459	493497	+	1	RVEIDPSLLEDDK	13
PPUB+840	Proteomics_pub	493462	493497	+	1	VEIDPSLLEDDK	12
PPUB+841	Proteomics_pub	493498	493545	+	1	EMLEDLVAAAFNDAAR	16
PPUB+842	Proteomics_pub	493573	493617	+	1	MASVSSGMQLPPGFK	15
PPUB+843	Proteomics_pub	494443	494478	+	1	ELISNASDAADK	12
PPUB+844	Proteomics_pub	494443	494484	+	1	ELISNASDAADKLR	14
PPUB+845	Proteomics_pub	494491	494535	+	1	ALSNPDLYEGDGELR	15
PPUB+846	Proteomics_pub	494566	494604	+	1	TLTISDNGVGMTR	13
PPUB+847	Proteomics_pub	494605	494640	+	1	DEVIDHLGTIAK	12
PPUB+848	Proteomics_pub	494653	494688	+	1	SFLESLGSDQAK	12
PPUB+849	Proteomics_pub	494770	494850	+	1	AAGEKPENGVFWESAGEGEYTVADITK	27
PPUB+850	Proteomics_pub	494860	494886	+	1	GTEITLHLR	9
PPUB+851	Proteomics_pub	494887	494919	+	1	EGEDEFLLDWR	11
PPUB+852	Proteomics_pub	494941	494979	+	1	YSDHIALPVEIEK	13
PPUB+853	Proteomics_pub	494941	494982	+	1	YSDHIALPVEIEKR	14
PPUB+854	Proteomics_pub	494983	495021	+	1	EEDGETVISWEK	13
PPUB+855	Proteomics_pub	494992	495021	+	1	DGETVISWEK	10
PPUB+856	Proteomics_pub	495058	495084	+	1	SEITDEEYK	9
PPUB+857	Proteomics_pub	495058	495096	+	1	SEITDEEYKEFYK	13
PPUB+858	Proteomics_pub	495097	495144	+	1	HIAHDFNDPLTWSHNR	16
PPUB+859	Proteomics_pub	495097	495156	+	1	HIAHDFNDPLTWSHNRVEGK	20
PPUB+860	Proteomics_pub	495157	495216	+	1	QEYTSLLYIPSQAPWDMWNR	20
PPUB+861	Proteomics_pub	495253	495300	+	1	VFIMDDAEQFMPNYLR	16
PPUB+862	Proteomics_pub	495310	495351	+	1	GLIDSSDLPLNVSR	14
PPUB+863	Proteomics_pub	495352	495381	+	1	EILQDSTVTR	10
PPUB+864	Proteomics_pub	495454	495492	+	1	YQTFWQQFGLVLK	13
PPUB+865	Proteomics_pub	495493	495537	+	1	EGPAEDFANQEIAIK	15
PPUB+866	Proteomics_pub	495547	495609	+	1	FASTHTDSSAQTVSLEDYVSR	21
PPUB+867	Proteomics_pub	495631	495669	+	1	IYYITADSYAAAK	13
PPUB+868	Proteomics_pub	495670	495696	+	1	SSPHLELLR	9
PPUB+869	Proteomics_pub	495703	495732	+	1	GIEVLLLSDR	10
PPUB+870	Proteomics_pub	495820	495849	+	1	LADEVDESAK	10
PPUB+871	Proteomics_pub	495820	495861	+	1	LADEVDESAKEAEK	14
PPUB+872	Proteomics_pub	495862	495885	+	1	ALTPFIDR	8
PPUB+873	Proteomics_pub	495937	495999	+	1	LTDTPAIVSTDADEMSTQMAK	21
PPUB+874	Proteomics_pub	496039	496077	+	1	YIFELNPDHVLVK	13
PPUB+875	Proteomics_pub	496078	496107	+	1	RAADTEDEAK	10
PPUB+876	Proteomics_pub	496108	496158	+	1	FSEWVELLLDQALLAER	17
PPUB+877	Proteomics_pub	496159	496191	+	1	GTLEDPNLFIR	11

PPUB+878	Proteomics_pub	496405	496437	+	1	IILLGAPGAGK	11
PPUB+879	Proteomics_pub	496438	496467	+	1	GTQAQFIMEK	10
PPUB+880	Proteomics_pub	496468	496506	+	1	YGIPQISTGDMLR	13
PPUB+881	Proteomics_pub	496570	496605	+	1	LVTDELVIALVK	12
PPUB+882	Proteomics_pub	496633	496662	+	1	NGFLLDGFPR	10
PPUB+883	Proteomics_pub	496663	496689	+	1	TIPQADAMK	9
PPUB+884	Proteomics_pub	496768	496791	+	1	RVHAPSGR	8
PPUB+885	Proteomics_pub	496822	496866	+	1	VEGKDDVTGEELTR	15
PPUB+886	Proteomics_pub	496834	496866	+	1	DDVTGEELTR	11
PPUB+887	Proteomics_pub	496867	496893	+	1	KDDQEETVR	9
PPUB+888	Proteomics_pub	496897	496950	+	1	RLVEYHQMTAPLIGYYSK	18
PPUB+889	Proteomics_pub	496900	496950	+	1	LVEYHQMTAPLIGYYSK	17
PPUB+890	Proteomics_pub	496951	496983	+	1	EAEAGNTKYAK	11
PPUB+891	Proteomics_pub	496984	497016	+	1	VDGTPVAEVR	11
PPUB+892	Proteomics_pub	504540	504572	+	3	FPLLSANIYQK	11
PPUB+893	Proteomics_pub	504630	504668	+	3	IAVIGLTTDDTAK	13
PPUB+894	Proteomics_pub	504669	504707	+	3	IGNPEYFTDIEFR	13
PPUB+895	Proteomics_pub	505062	505097	+	3	MVNYQLIPVNLK	12
PPUB+896	Proteomics_pub	505614	505661	+	3	MATLNFNATGGDGYPR	16
PPUB+897	Proteomics_pub	505734	505769	+	3	SSPLDVSVEPK	12
PPUB+898	Proteomics_pub	532253	532291	+	2	RGRPGQAEPVAQK	13
PPUB+899	Proteomics_pub	532256	532291	+	2	GRPGQAEPVAQK	12
PPUB+900	Proteomics_pub	532343	532411	+	2	SGGSSSVSDISLNLDLPLSTTFR	23
PPUB+901	Proteomics_pub	532523	532555	+	2	DVLSVAGPFMR	11
PPUB+902	Proteomics_pub	532679	532708	+	2	LPLHASGAGK	10
PPUB+903	Proteomics_pub	532973	532999	+	2	FVSQGELVR	9
PPUB+904	Proteomics_pub	554065	554106	+	1	ANENGESFVAMVDR	14
PPUB+905	Proteomics_pub	554173	554226	+	1	ATHHIAEIIELTEQLIAK	18
PPUB+906	Proteomics_pub	554305	554337	+	1	QDLDQLQAGAR	11
PPUB+907	Proteomics_pub	554359	554388	+	1	RNPMDFVLWK	10
PPUB+908	Proteomics_pub	554641	554667	+	1	SLGNFFTVR	9
PPUB+909	Proteomics_pub	554704	554730	+	1	YFLMSGHYR	9
PPUB+910	Proteomics_pub	554731	554763	+	1	SQLNYSEENLK	11
PPUB+911	Proteomics_pub	554806	554856	+	1	GTDKTVAPAGGEAFEAR	17
PPUB+912	Proteomics_pub	554818	554856	+	1	TVAPAGGEAFEAR	13
PPUB+913	Proteomics_pub	555151	555210	+	1	DRLNEMGIVLEDGPQGTTWR	20
PPUB+914	Proteomics_pub	597260	597289	+	2	LAGMPEADIR	10
PPUB+915	Proteomics_pub	597293	597322	+	2	LIATQKIQTR	10
PPUB+916	Proteomics_pub	613168	613218	+	1	AFSNPFDDPQGAFYILR	17
PPUB+917	Proteomics_pub	613339	613380	+	1	TLTPTNFTQLQEAQ	14
PPUB+918	Proteomics_pub	613518	613556	+	3	AVVAGLAQADTLR	13
PPUB+919	Proteomics_pub	613710	613766	+	3	VDSGKPLVFHQLIQVADNR	19
PPUB+920	Proteomics_pub	613833	613865	+	3	QIANIYCTWLR	11
PPUB+921	Proteomics_pub	614058	614090	+	3	LKLEFTDGEFR	11
PPUB+922	Proteomics_pub	614391	614435	+	3	AAGDEPLFGPVLNIK	15
PPUB+923	Proteomics_pub	614580	614615	+	3	YDEPTLIQHAER	12

PPUB+924	Proteomics_pub	615213	615248	+	3	GVMVGQTAIVNR	12
PPUB+925	Proteomics_pub	615249	615305	+	3	LLWMQNHYPVLTGEDVVAQK	19
PPUB+926	Proteomics_pub	615849	615881	+	3	FIADPFAPGER	11
PPUB+927	Proteomics_pub	615909	615944	+	3	WLDNGAVEYLGR	12
PPUB+928	Proteomics_pub	616446	616490	+	3	QVTPGQVMVASTVAK	15
PPUB+929	Proteomics_pub	616491	616529	+	3	LATIIDAEEEDSTR	13
PPUB+930	Proteomics_pub	616491	616532	+	3	LATIIDAEEEDSTRR	14
PPUB+931	Proteomics_pub	616533	616562	+	3	MGFETILPLR	10
PPUB+932	Proteomics_pub	617046	617084	+	3	LLTTAHSVPPFDGK	13
PPUB+933	Proteomics_pub	617109	617138	+	3	TLQEGMSPER	10
PPUB+934	Proteomics_pub	617178	617225	+	3	QDCAHVDIISPGTFEK	16
PPUB+935	Proteomics_pub	624168	624191	+	3	FFFMSPYR	8
PPUB+936	Proteomics_pub	624192	624221	+	3	SFTTSGCFAR	10
PPUB+937	Proteomics_pub	624222	624275	+	3	FDEPAVNGDSPDSPFQK	18
PPUB+938	Proteomics_pub	624303	624356	+	3	AQGKPNPVMVGAIPFDPR	18
PPUB+939	Proteomics_pub	624318	624356	+	3	NPVMVGAIPFDPR	13
PPUB+940	Proteomics_pub	624468	624512	+	3	QAIPEQTTFEQMVAR	15
PPUB+941	Proteomics_pub	624513	624548	+	3	AAALTATPVQDK	12
PPUB+942	Proteomics_pub	624726	624758	+	3	FSSIPLAGSAR	11
PPUB+943	Proteomics_pub	624759	624785	+	3	RQPDEVLDR	9
PPUB+944	Proteomics_pub	624819	624857	+	3	DRHEHELVTQAMK	13
PPUB+945	Proteomics_pub	625179	625232	+	3	LFAGAGIVPASSPLGEWR	18
PPUB+946	Proteomics_pub	625248	625280	+	3	LSTMLNVFGLH	11
PPUB+947	Proteomics_pub	625314	625334	+	3	WPEEFAR	7
PPUB+948	Proteomics_pub	625350	625391	+	3	GYWQDLPLTDILTR	14
PPUB+949	Proteomics_pub	625392	625433	+	3	HAASDSIAVIDGER	14
PPUB+950	Proteomics_pub	625449	625490	+	3	ELNQAADNLACSLR	14
PPUB+951	Proteomics_pub	625578	625619	+	3	LGVAPVLALFSHQ	14
PPUB+952	Proteomics_pub	625932	625967	+	3	SVEICQFTQQTR	12
PPUB+953	Proteomics_pub	626481	626582	+	3	SPQHNASAFDANGFYCSGDLISIDPEGYITVQGR	34
PPUB+954	Proteomics_pub	626616	626651	+	3	IAAEEIENLLLR	12
PPUB+955	Proteomics_pub	626799	626852	+	3	LPDRVECVDLPLTAVGK	18
PPUB+956	Proteomics_pub	626811	626852	+	3	VECVDSLPLTAVGK	14
PPUB+957	Proteomics_pub	626932	626979	+	1	LQAYALPESHDIQNK	16
PPUB+958	Proteomics_pub	626980	627006	+	1	VDWAFEPQR	9
PPUB+959	Proteomics_pub	627121	627159	+	1	QHNIPVYYTAQPK	13
PPUB+960	Proteomics_pub	627181	627219	+	1	ALLNDMWGPGLTR	13
PPUB+961	Proteomics_pub	627250	627285	+	1	LTPDADDTVLVK	12
PPUB+962	Proteomics_pub	627514	627561	+	1	VVMTEELLPAIPASK	16
PPUB+963	Proteomics_pub	627688	627723	+	1	VHGIDIDFVMLAK	12
PPUB+964	Proteomics_pub	627724	627750	+	1	NPTIDAWWK	9
PPUB+965	Proteomics_pub	627792	627818	+	3	NVVVTGAGK	9
PPUB+966	Proteomics_pub	627990	628025	+	3	LDALVNAAGILR	12
PPUB+967	Proteomics_pub	628026	628052	+	3	MGATDQLSK	9
PPUB+968	Proteomics_pub	628140	628187	+	3	GGAIIVTVASDAHTPR	16
PPUB+969	Proteomics_pub	628188	628217	+	3	IGMSAYGASK	10

PPUB+970	Proteomics_pub	628269	628322	+	3	GITVNVVAPGFIEDMTR	18
PPUB+971	Proteomics_pub	628278	628322	+	3	CNVVSPGSTDTDMQR	15
PPUB+972	Proteomics_pub	628323	628358	+	3	TLWVSDDAEEQR	12
PPUB+973	Proteomics_pub	628613	628657	+	2	LGDDVLEAEMPVDTR	15
PPUB+974	Proteomics_pub	628820	628849	+	2	GVCQPLHLGR	10
PPUB+975	Proteomics_pub	636630	636668	+	3	NPVMVGAIPFDPR	13
PPUB+976	Proteomics_pub	638189	638218	+	2	IKPFKNQAFK	10
PPUB+977	Proteomics_pub	638204	638248	+	2	NQAFKNGEFIEITEK	15
PPUB+978	Proteomics_pub	638219	638248	+	2	NGEFIEITEK	10
PPUB+979	Proteomics_pub	638219	638263	+	2	NGEFIEITEKDTEGR	15
PPUB+980	Proteomics_pub	638264	638356	+	2	WSVFFFYPADFTFVCPTELGDVADHYEELQK	31
PPUB+981	Proteomics_pub	638357	638407	+	2	LGVDVYAVSTDTHFTHK	17
PPUB+982	Proteomics_pub	638408	638440	+	2	AWHSSSETIAK	11
PPUB+983	Proteomics_pub	638441	638485	+	2	IKYAMIGDPTGALTR	15
PPUB+984	Proteomics_pub	638447	638485	+	2	YAMIGDPTGALTR	13
PPUB+985	Proteomics_pub	638486	638527	+	2	NFDNMREDEGLADR	14
PPUB+986	Proteomics_pub	638528	638596	+	2	ATFVVDPQGIIQAIEVTAEGIGR	23
PPUB+987	Proteomics_pub	638528	638617	+	2	ATFVVDPQGIIQAIEVTAEGIGRSDASDLLR	30
PPUB+988	Proteomics_pub	638627	638674	+	2	AAQYVASHPGEVCPAK	16
PPUB+989	Proteomics_pub	638675	638725	+	2	WKEGEATLAPSLDLVGK	17
PPUB+990	Proteomics_pub	638681	638725	+	2	EGEATLAPSLDLVGK	15
PPUB+991	Proteomics_pub	638681	638728	+	2	EGEATLAPSLDLVGKI	16
PPUB+992	Proteomics_pub	639024	639071	+	3	LTKPVELIATLDDSAK	16
PPUB+993	Proteomics_pub	639087	639122	+	3	ELLAIEIAELSDK	12
PPUB+994	Proteomics_pub	639123	639158	+	3	VTFKEDNSLPVR	12
PPUB+995	Proteomics_pub	639135	639158	+	3	EDNSLPVR	8
PPUB+996	Proteomics_pub	639159	639206	+	3	KPSFLITNPGSNQGPR	16
PPUB+997	Proteomics_pub	639285	639314	+	3	EAQSLLEQIR	10
PPUB+998	Proteomics_pub	639420	639473	+	3	IKHTAIDGGTFQNEITDR	18
PPUB+999	Proteomics_pub	639426	639473	+	3	HTAIDGGTFQNEITDR	16
PPUB+1000	Proteomics_pub	639474	639512	+	3	NVMGVPVAVFVNGK	13
PPUB+1001	Proteomics_pub	639483	639512	+	3	GVPAMFVNGK	10
PPUB+1002	Proteomics_pub	639798	639851	+	3	VHVDEYDVIDSQSASK	18
PPUB+1003	Proteomics_pub	639852	639917	+	3	LIPAAVEGGLHQIETASGAVLK	22
PPUB+1004	Proteomics_pub	639957	639989	+	3	NMNVPGEDQYR	11
PPUB+1005	Proteomics_pub	639996	640037	+	3	GVTYCPHCDGPLFK	14
PPUB+1006	Proteomics_pub	640149	640178	+	3	ADQVLQDKLR	10
PPUB+1007	Proteomics_pub	640188	640244	+	3	NVDIILNAQTTEVKGDGSK	19
PPUB+1008	Proteomics_pub	640374	640400	+	3	MGEIIDA	9
PPUB+1009	Proteomics_pub	640419	640460	+	3	GVFAAGDCTTVPYK	14
PPUB+1010	Proteomics_pub	640461	640493	+	3	QIIIATGEGAK	11
PPUB+1011	Proteomics_pub	640494	640526	+	3	ASLSAFDYLR	11
PPUB+1012	Proteomics_pub	656560	656595	+	1	GFGFITPDDGSK	12
PPUB+1013	Proteomics_pub	656560	656595	+	1	GFGFISPVDGSK	12
PPUB+1014	Proteomics_pub	656560	656595	+	1	GFGFITPADGSK	12
PPUB+1015	Proteomics_pub	656560	656595	+	1	GFGFITPEDGSK	12



PPUB+1016	Proteomics_pub	656560	656595	+	1	GFGFITPDDGSK	12
PPUB+1017	Proteomics_pub	656560	656595	+	1	GFGFITPKDGSK	12
PPUB+1018	Proteomics_pub	656596	656640	+	1	DVVFHFSAIQNDGYK	15
PPUB+1019	Proteomics_pub	656596	656640	+	1	DVVFHFSAIQNGGFK	15
PPUB+1020	Proteomics_pub	656596	656640	+	1	DVVFHFSAIQTNGFK	15
PPUB+1021	Proteomics_pub	656641	656691	+	1	TLAEGQNVEFEIQDGQK	17
PPUB+1022	Proteomics_pub	656641	656691	+	1	TLAEGQRVEFEITNGAK	17
PPUB+1023	Proteomics_pub	656662	656691	+	1	VEFEITNGAK	10
PPUB+1024	Proteomics_pub	656692	656721	+	1	GPSAANVIAL	10
PPUB+1025	Proteomics_pub	703203	703253	+	3	ALQLPIAVLPVAALLLR	17
PPUB+1026	Proteomics_pub	703524	703556	+	3	LPDFLSFFGGK	11
PPUB+1027	Proteomics_pub	704736	704774	+	3	AVGDGVAVKPTDK	13
PPUB+1028	Proteomics_pub	704811	704900	+	3	IFETNHAFSIESDSGVELFVHFGIDTVELK	30
PPUB+1029	Proteomics_pub	705319	705354	+	1	SEAEARPTNFIR	12
PPUB+1030	Proteomics_pub	705355	705387	+	1	QIIDEDLASGK	11
PPUB+1031	Proteomics_pub	705409	705453	+	1	FAPSPTGYLHVGGAR	15
PPUB+1032	Proteomics_pub	705454	705492	+	1	SICLNFGIAQDYK	13
PPUB+1033	Proteomics_pub	705511	705534	+	1	FDDTNPVK	8
PPUB+1034	Proteomics_pub	705535	705564	+	1	EDIEYVESIK	10
PPUB+1035	Proteomics_pub	705535	705609	+	1	EDIEYVESIKNDVEWLGFWHWSGNVR	25
PPUB+1036	Proteomics_pub	705565	705609	+	1	NDVEWLGFWHWSGNVR	15
PPUB+1037	Proteomics_pub	705610	705666	+	1	YSSDYFDQLHAYAIELINK	19
PPUB+1038	Proteomics_pub	705667	705708	+	1	GLAYVDELTPEQIR	14
PPUB+1039	Proteomics_pub	705718	705741	+	1	GTLTQPGK	8
PPUB+1040	Proteomics_pub	705763	705795	+	1	SVEENLALFEK	11
PPUB+1041	Proteomics_pub	705802	705825	+	1	AGGFEEGK	8
PPUB+1042	Proteomics_pub	705844	705876	+	1	IDMASPFIVMR	11
PPUB+1043	Proteomics_pub	705901	705930	+	1	FAEHHQTGNK	10
PPUB+1044	Proteomics_pub	706033	706080	+	1	LYDWVLDNITIPVHPR	16
PPUB+1045	Proteomics_pub	706099	706128	+	1	LNLEYTVMSK	10
PPUB+1046	Proteomics_pub	706159	706185	+	1	HVEGWDDPR	9
PPUB+1047	Proteomics_pub	706270	706341	+	1	QDNTIEMASLESCIREDLNENAPR	24
PPUB+1048	Proteomics_pub	706315	706341	+	1	EDLNENAPR	9
PPUB+1049	Proteomics_pub	706342	706368	+	1	AMAVIDPVK	9
PPUB+1050	Proteomics_pub	706450	706485	+	1	QVPFSGEIWIDR	12
PPUB+1051	Proteomics_pub	706591	706650	+	1	DAEGNITTIFFCTYDADTLSK	20
PPUB+1052	Proteomics_pub	706678	706728	+	1	GVIHWVSAHALPVEIR	17
PPUB+1053	Proteomics_pub	706741	706815	+	1	LFSVPNPGAADDFLSVINPESLVIK	25
PPUB+1054	Proteomics_pub	706816	706842	+	1	QGFAEPSLK	9
PPUB+1055	Proteomics_pub	706816	706860	+	1	QGFAEPSLKDAVAGK	15
PPUB+1056	Proteomics_pub	706879	706905	+	1	EGYFCLDSR	9
PPUB+1057	Proteomics_pub	706906	706938	+	1	HSTAEEKPVFNR	11
PPUB+1058	Proteomics_pub	712267	712299	+	1	HIGESASDILR	11
PPUB+1059	Proteomics_pub	712267	712302	+	1	HIGESASDILRR	12
PPUB+1060	Proteomics_pub	712312	712350	+	1	FSAASQPAAPVTK	13
PPUB+1061	Proteomics_pub	712360	712398	+	1	VASPAIVEAKPVK	13

PPUB+1062	Proteomics_pub	712429	712464	+	1	ELLLSDEYAEQK	12
PPUB+1063	Proteomics_pub	712429	712467	+	1	ELLLSDEYAEQKR	13
PPUB+1064	Proteomics_pub	712564	712599	+	1	VYFAADEQTLLK	12
PPUB+1065	Proteomics_pub	712624	712674	+	1	HVPGTPYVWVITNTNTGR	17
PPUB+1066	Proteomics_pub	712624	712677	+	1	HVPGTPYVWVITNTNTGRK	18
PPUB+1067	Proteomics_pub	712940	712996	+	2	HSFNPHILAIQAIAEER	19
PPUB+1068	Proteomics_pub	713249	713293	+	2	YNPPNGGPADTNVTK	15
PPUB+1069	Proteomics_pub	713309	713338	+	2	ANALLADGLK	10
PPUB+1070	Proteomics_pub	713351	713389	+	2	ISLDEAMASGHVK	13
PPUB+1071	Proteomics_pub	713390	713458	+	2	EQDLVQPFVEGLADIVDMAAIQK	23
PPUB+1072	Proteomics_pub	713459	713515	+	2	AGLTLGVDPLGGSGIEYWK	19
PPUB+1073	Proteomics_pub	713663	713707	+	2	DKFDLAFANDPDYDR	15
PPUB+1074	Proteomics_pub	713822	713851	+	2	TLVSSAMIDR	10
PPUB+1075	Proteomics_pub	713876	713902	+	2	LVEVPVGFK	9
PPUB+1076	Proteomics_pub	713978	714007	+	2	FDGTPWSTDK	10
PPUB+1077	Proteomics_pub	714098	714121	+	2	FGAPSYNR	8
PPUB+1078	Proteomics_pub	714167	714223	+	2	LSPMVASASTLAGDPITAR	19
PPUB+1079	Proteomics_pub	714224	714268	+	2	LTAAPNGASIGGLK	15
PPUB+1080	Proteomics_pub	714329	714367	+	2	IYCESFLGEEHRK	13
PPUB+1081	Proteomics_pub	714380	714412	+	2	EAVEIVSEVLK	11
PPUB+1082	Proteomics_pub	742056	742088	+	3	NTELEQLINEK	11
PPUB+1083	Proteomics_pub	742161	742211	+	3	IVTGVTSQALLDEAVR	17
PPUB+1084	Proteomics_pub	742551	742601	+	3	VAWCTGGGQSFIDSAAR	17
PPUB+1085	Proteomics_pub	742602	742661	+	3	FGVDAFITGEVSEQTIHSAR	20
PPUB+1086	Proteomics_pub	744357	744380	+	3	YFEQLAWR	8
PPUB+1087	Proteomics_pub	755193	755243	+	3	AALQISQSGQTCALLSK	17
PPUB+1088	Proteomics_pub	755469	755501	+	3	IYQRPFGGQSK	11
PPUB+1089	Proteomics_pub	755502	755528	+	3	NFGGEQAAR	9
PPUB+1090	Proteomics_pub	755718	755750	+	3	ATVLATGGAGR	11
PPUB+1091	Proteomics_pub	755751	755813	+	3	IYQSTTNAHINTGDGVGMAIR	21
PPUB+1092	Proteomics_pub	755904	755930	+	3	GEGGYLLNK	9
PPUB+1093	Proteomics_pub	756108	756134	+	3	LPGILELSR	9
PPUB+1094	Proteomics_pub	756219	756251	+	3	VTGQALTVNEK	11
PPUB+1095	Proteomics_pub	756327	756368	+	3	LGGNSLLDLVVFGR	14
PPUB+1096	Proteomics_pub	756327	756368	+	3	LGSNSLAELVVFGR	14
PPUB+1097	Proteomics_pub	756369	756419	+	3	AAGLHLQESIAEQGALR	17
PPUB+1098	Proteomics_pub	756513	756554	+	3	ALQECMQHNFSVFR	14
PPUB+1099	Proteomics_pub	756624	756659	+	3	LDDTSSEFNTQR	12
PPUB+1100	Proteomics_pub	757080	757121	+	3	EGVCGSDGLNMNGK	14
PPUB+1101	Proteomics_pub	757122	757175	+	3	NGLACITPISALNQPCKK	18
PPUB+1102	Proteomics_pub	757176	757214	+	3	IVIRPLPGLPVIR	13
PPUB+1103	Proteomics_pub	757260	757304	+	3	IKPYLLNNGQNPPAR	15
PPUB+1104	Proteomics_pub	757305	757331	+	3	EHLQMPEQR	9
PPUB+1105	Proteomics_pub	757416	757451	+	3	FIGPAGLLAAYR	12
PPUB+1106	Proteomics_pub	758055	758117	+	3	STFQQLPGTGVKPDQFHSQTR	21
PPUB+1107	Proteomics_pub	758154	758192	+	3	YSSTISDPDTNVK	13

PPUB+1108	Proteomics_pub	758202	758228	+	3	VLQLINAYR	9
PPUB+1109	Proteomics_pub	758229	758285	+	3	FRGHQHANLDPLGLWQQDK	19
PPUB+1110	Proteomics_pub	758235	758285	+	3	GHQHANLDPLGLWQQDK	17
PPUB+1111	Proteomics_pub	758535	758573	+	3	FLSELTAEEGLER	13
PPUB+1112	Proteomics_pub	758712	758747	+	3	GRLNLVNLVGLK	12
PPUB+1113	Proteomics_pub	758718	758747	+	3	LNVLVNLVGLK	10
PPUB+1114	Proteomics_pub	758748	758783	+	3	KPQDLFDEFAGK	12
PPUB+1115	Proteomics_pub	758790	758816	+	3	EHLGTGDVK	9
PPUB+1116	Proteomics_pub	758940	758972	+	3	LDRLDEPSSNK	11
PPUB+1117	Proteomics_pub	759057	759083	+	3	GVEVGGTVR	9
PPUB+1118	Proteomics_pub	759084	759137	+	3	IVINNQVGFTTSNPLDAR	18
PPUB+1119	Proteomics_pub	759138	759167	+	3	STPYCTDIGK	10
PPUB+1120	Proteomics_pub	759267	759296	+	3	DVFIDLVCYR	10
PPUB+1121	Proteomics_pub	759384	759413	+	3	IYADKLEQEK	10
PPUB+1122	Proteomics_pub	759414	759458	+	3	VATLEDATEMVNLYR	15
PPUB+1123	Proteomics_pub	759606	759647	+	3	RISTVPEAVEMQSR	14
PPUB+1124	Proteomics_pub	759609	759647	+	3	ISTVPEAVEMQSR	13
PPUB+1125	Proteomics_pub	760059	760127	+	3	MCGLVMLLPHGYEQGPEHSSAR	23
PPUB+1126	Proteomics_pub	760398	760424	+	3	VYYDLLEQR	9
PPUB+1127	Proteomics_pub	760428	760460	+	3	KNNQHDAIVR	11
PPUB+1128	Proteomics_pub	760431	760460	+	3	NNQHDAIVR	10
PPUB+1129	Proteomics_pub	760461	760490	+	3	IEQLYPFPHK	10
PPUB+1130	Proteomics_pub	760491	760529	+	3	AMQEVLLQQFAHVK	13
PPUB+1131	Proteomics_pub	760599	760628	+	3	EVIPFGASLR	10
PPUB+1132	Proteomics_pub	760629	760688	+	3	YAGRPASASPAVGYMSVHQK	20
PPUB+1133	Proteomics_pub	760689	760727	+	3	QQQDLVNDALNVE	13
PPUB+1134	Proteomics_pub	760748	760819	+	2	SSVDILVPDLPEVADATVATWHK	24
PPUB+1135	Proteomics_pub	760973	760999	+	2	LREGNSAGK	9
PPUB+1136	Proteomics_pub	761015	761047	+	2	SEEKASTPAQR	11
PPUB+1137	Proteomics_pub	761048	761101	+	2	QQASLEEQNNDALSPAIR	18
PPUB+1138	Proteomics_pub	761048	761104	+	2	QQASLEEQNNDALSPAIRR	19
PPUB+1139	Proteomics_pub	761105	761143	+	2	LLAEHNLDASAIK	13
PPUB+1140	Proteomics_pub	761201	761266	+	2	APAKESAPAAAAPAAQPALAAR	22
PPUB+1141	Proteomics_pub	761213	761266	+	2	ESAPAAAAPAAQPALAAR	18
PPUB+1142	Proteomics_pub	761333	761395	+	2	NSTAMLTTFNEVNMKPIMDLR	21
PPUB+1143	Proteomics_pub	761396	761422	+	2	KQYGEAFEK	9
PPUB+1144	Proteomics_pub	761399	761425	+	2	QYGEAFEKR	9
PPUB+1145	Proteomics_pub	761438	761464	+	2	LGFMSFYVK	9
PPUB+1146	Proteomics_pub	761600	761635	+	2	DVDTLGMADIEK	12
PPUB+1147	Proteomics_pub	761600	761638	+	2	DVDTLGMADIEKK	13
PPUB+1148	Proteomics_pub	761891	761920	+	2	ESVGFVLTIK	10
PPUB+1149	Proteomics_pub	762237	762263	+	3	MNLHEYQAK	9
PPUB+1150	Proteomics_pub	762279	762323	+	3	YGLPAPVGYACTTPR	15
PPUB+1151	Proteomics_pub	762348	762374	+	3	IGAGPWVVK	9
PPUB+1152	Proteomics_pub	762447	762473	+	3	AFAENWLK	9
PPUB+1153	Proteomics_pub	762555	762584	+	3	ELYLGAVVDR	10

PPUB+1154	Proteomics_pub	762642	762674	+	3	VAEETPHLIHK	11
PPUB+1155	Proteomics_pub	762675	762719	+	3	VALDPLTGMPYQGR	15
PPUB+1156	Proteomics_pub	762774	762809	+	3	IFMGLATIFLER	12
PPUB+1157	Proteomics_pub	762810	762851	+	3	DLALIEINPLVITK	14
PPUB+1158	Proteomics_pub	762852	762881	+	3	QGDLICLDGK	10
PPUB+1159	Proteomics_pub	762882	762911	+	3	LGADGNALFR	10
PPUB+1160	Proteomics_pub	763068	763121	+	3	LHGGEFANFLDVGGGATK	18
PPUB+1161	Proteomics_pub	763173	763208	+	3	AVLVNIFGGIVR	12
PPUB+1162	Proteomics_pub	763281	763313	+	3	LEGNNAELGAK	11
PPUB+1163	Proteomics_pub	763314	763352	+	3	KLADSGLNIIAAK	13
PPUB+1164	Proteomics_pub	763317	763352	+	3	LADSGLNIIAAK	12
PPUB+1165	Proteomics_pub	763317	763400	+	3	LADSGLNIIAAKGLTDAAQQVVAAVEGK	28
PPUB+1166	Proteomics_pub	763353	763400	+	3	GLTDAAQQVVAAVEGK	16
PPUB+1167	Proteomics_pub	763433	763504	+	2	VICQGFTGSQGTFFHSEQAIAYGTK	24
PPUB+1168	Proteomics_pub	763505	763531	+	2	MVGGVTPGK	9
PPUB+1169	Proteomics_pub	763532	763576	+	2	GGTTHLGLPVFNTVR	15
PPUB+1170	Proteomics_pub	763640	763675	+	2	DSILEAIDAGIK	12
PPUB+1171	Proteomics_pub	763676	763729	+	2	LIITITEGIPTLDMMLTVK	18
PPUB+1172	Proteomics_pub	763730	763756	+	2	VKLDEAGVR	9
PPUB+1173	Proteomics_pub	763757	763804	+	2	MIGNPCPGVITPGECK	16
PPUB+1174	Proteomics_pub	763805	763843	+	2	IGIQPGHIHKPGK	13
PPUB+1175	Proteomics_pub	763862	763891	+	2	SGTLTYEAVK	10
PPUB+1176	Proteomics_pub	764072	764125	+	2	EHVTKPVVGYIAGVTAPK	18
PPUB+1177	Proteomics_pub	764135	764170	+	2	MGHAGAIAGGK	12
PPUB+1178	Proteomics_pub	764171	764218	+	2	GTADEKFAALEAAGVK	16
PPUB+1179	Proteomics_pub	764228	764257	+	2	SLADIGEALK	10
PPUB+1180	Proteomics_pub	764228	764269	+	2	SLADIGEALKTVLK	14
PPUB+1181	Proteomics_pub	771575	771604	+	2	SVDTPVIGLK	10
PPUB+1182	Proteomics_pub	771605	771631	+	2	ELMVQHEER	9
PPUB+1183	Proteomics_pub	771650	771676	+	2	AYSLLEQLR	9
PPUB+1184	Proteomics_pub	771677	771703	+	2	SGSTDQAVR	9
PPUB+1185	Proteomics_pub	771728	771754	+	2	DLGYGLLLK	9
PPUB+1186	Proteomics_pub	771758	771811	+	2	YTPNVADATEAQIQQATK	18
PPUB+1187	Proteomics_pub	772205	772246	+	2	YHFEQSSTTTQPAR	14
PPUB+1188	Proteomics_pub	772838	772861	+	2	TVGELHLR	8
PPUB+1189	Proteomics_pub	772961	773002	+	2	STMDHYAASNPLNK	14
PPUB+1190	Proteomics_pub	774541	774567	+	1	FWSGIELSR	9
PPUB+1191	Proteomics_pub	774595	774639	+	1	DNLTGSEQIFYSGFK	15
PPUB+1192	Proteomics_pub	774661	774705	+	1	ANSHAPEAVVEGASR	15
PPUB+1193	Proteomics_pub	775033	775065	+	1	QAFTVSESNGK	11
PPUB+1194	Proteomics_pub	776432	776479	+	2	AAAADDIFGELSSGK	16
PPUB+1195	Proteomics_pub	777035	777151	+	2	YIDSGVDSGRPIGVVPFQWAGPGAAPEDIGGIVAADLR	39
PPUB+1196	Proteomics_pub	777389	777427	+	2	YAGHTASDEVFEK	13
PPUB+1197	Proteomics_pub	777461	777511	+	2	IAYVVQTNGGQFPYELR	17
PPUB+1198	Proteomics_pub	777512	777553	+	2	VSDYDGYNQFVVHR	14
PPUB+1199	Proteomics_pub	777554	777601	+	2	SPQPLMSPAUSPDGSK	16

PPUB+1200	Proteomics_pub	777602	777631	+	2	LAYVTFESGR	10
PPUB+1201	Proteomics_pub	777632	777673	+	2	SALVIQTLANGAVR	14
PPUB+1202	Proteomics_pub	777824	777910	+	2	SNNTEPTWFPDSQNLAFSDQAGRPQVYK	29
PPUB+1203	Proteomics_pub	777911	777940	+	2	VNINGGAPQR	10
PPUB+1204	Proteomics_pub	777941	777994	+	2	ITWEGSQNQDADVSSDGK	18
PPUB+1205	Proteomics_pub	778467	778520	+	3	LQMQLLQNNIVFDLKD	18
PPUB+1206	Proteomics_pub	778467	778532	+	3	LQMQLLQNNIVFDLDKYDIR	22
PPUB+1207	Proteomics_pub	778533	778577	+	3	SDFAQMLDAHANFLR	15
PPUB+1208	Proteomics_pub	778596	778625	+	3	VTVEGHADER	10
PPUB+1209	Proteomics_pub	778626	778661	+	3	GTPEYNISLGER	12
PPUB+1210	Proteomics_pub	778698	778739	+	3	GVSADQISIVSYGK	14
PPUB+1211	Proteomics_pub	778740	778784	+	3	EKPAVLGHDEAAYSK	15
PPUB+1212	Proteomics_pub	779043	779090	+	3	GQIQENQYQLNQVVER	16
PPUB+1213	Proteomics_pub	779235	779288	+	3	SGNANTDYNAIALVQDK	18
PPUB+1214	Proteomics_pub	779289	779333	+	3	SRQDDAMVAFQNFQIK	15
PPUB+1215	Proteomics_pub	779334	779399	+	3	NYPDSTYLPNANYWLGQLNYNK	22
PPUB+1216	Proteomics_pub	779406	779444	+	3	KDDAAYYFASVVK	13
PPUB+1217	Proteomics_pub	779409	779444	+	3	DDAAYYFASVVK	12
PPUB+1218	Proteomics_pub	779487	779525	+	3	VGVIMQDKGDTAK	13
PPUB+1219	Proteomics_pub	781539	781574	+	3	HPASTLLVAGVR	12
PPUB+1220	Proteomics_pub	781710	781748	+	3	TVVVYANTSAAVK	13
PPUB+1221	Proteomics_pub	782139	782183	+	3	ELLEAPTAGEGATCR	15
PPUB+1222	Proteomics_pub	784856	784882	+	2	MNYQNDDL	9
PPUB+1223	Proteomics_pub	784898	784930	+	2	ELLPPVALLEK	11
PPUB+1224	Proteomics_pub	784931	784975	+	2	FPATENAANTVAHAR	15
PPUB+1225	Proteomics_pub	785015	785065	+	2	LLVIGPCSIHDPVAAK	17
PPUB+1226	Proteomics_pub	785171	785227	+	2	GLINDPHMDNSFQINDGLR	19
PPUB+1227	Proteomics_pub	785351	785374	+	2	TTESQVHR	8
PPUB+1228	Proteomics_pub	785375	785413	+	2	ELASGLSCPVGFK	13
PPUB+1229	Proteomics_pub	785438	785497	+	2	VAIDAINAAGAPHCFLSVTK	20
PPUB+1230	Proteomics_pub	785498	785557	+	2	WGHSAIVNTSGNGDCHIILR	20
PPUB+1231	Proteomics_pub	785621	785674	+	2	AGLPAQVMIDFSHANSSK	18
PPUB+1232	Proteomics_pub	794615	794656	+	2	QTLLGNSLVVVAPK	14
PPUB+1233	Proteomics_pub	794693	794725	+	2	TNWTSLNNGGR	11
PPUB+1234	Proteomics_pub	794726	794773	+	2	LAVGDPEHVPAGIYAK	16
PPUB+1235	Proteomics_pub	794789	794818	+	2	LGAWDTLSPK	10
PPUB+1236	Proteomics_pub	794867	794917	+	2	NEAPLGIVYGSDAVASK	17
PPUB+1237	Proteomics_pub	794960	795013	+	2	KVEYPVAVVEGHNNATVK	18
PPUB+1238	Proteomics_pub	795035	795061	+	2	GPQAAEIFK	9
PPUB+1239	Proteomics_pub	797953	797985	+	1	YLYVGVRPEFR	11
PPUB+1240	Proteomics_pub	798139	798225	+	1	LEDGLPVGVDVVEGLDGCHSANISPDNR	29
PPUB+1241	Proteomics_pub	798226	798249	+	1	TLWVPALK	8
PPUB+1242	Proteomics_pub	798259	798345	+	1	ICLFTVSDDGHLVAQDPAEVTTVEGAGPR	29
PPUB+1243	Proteomics_pub	798496	798531	+	1	WAADIHITPDGR	12
PPUB+1244	Proteomics_pub	798532	798552	+	1	HLYACDR	7
PPUB+1245	Proteomics_pub	798610	798642	+	1	EGFQPTETQPR	11

PPUB+1246	Proteomics_pub	798643	798669	+	1	GFNVDHSGK	9
PPUB+1247	Proteomics_pub	798694	798750	+	1	SHHISVYEIVGEQGLLHEK	19
PPUB+1248	Proteomics_pub	798757	798801	+	1	YAVGQGPMWVVVNAH	15
PPUB+1249	Proteomics_pub	808681	808713	+	1	QVQVSTLLSIK	11
PPUB+1250	Proteomics_pub	808789	808824	+	1	LMEVEQVLESAR	12
PPUB+1251	Proteomics_pub	808990	809070	+	1	LANAGLDYYNHNLDTSPFEYGNIIITR	27
PPUB+1252	Proteomics_pub	809125	809166	+	1	VCSGGIVGLGETVK	14
PPUB+1253	Proteomics_pub	809488	809547	+	1	LGLNPQQTAVLAGDNEQQQR	20
PPUB+1254	Proteomics_pub	811505	811540	+	2	YFVTGTDTEVGK	12
PPUB+1255	Proteomics_pub	811541	811576	+	2	TVASCALLQAAK	12
PPUB+1256	Proteomics_pub	811592	811630	+	2	TAGYKPVASGSEK	13
PPUB+1257	Proteomics_pub	811649	811675	+	2	NSDALALQR	9
PPUB+1258	Proteomics_pub	812045	812074	+	2	HAEYMTTLTR	10
PPUB+1259	Proteomics_pub	817281	817313	+	3	SQVSTEFIPTR	11
PPUB+1260	Proteomics_pub	817341	817379	+	3	RGEEDDTSGHYLR	13
PPUB+1261	Proteomics_pub	817380	817418	+	3	DSAQEAGHHVVDK	13
PPUB+1262	Proteomics_pub	817569	817598	+	3	EVEGFGEVFR	10
PPUB+1263	Proteomics_pub	817668	817700	+	3	TLIFAMPGSTK	11
PPUB+1264	Proteomics_pub	817710	817751	+	3	TAWENIAPQLDAR	14
PPUB+1265	Proteomics_pub	818304	818366	+	3	ELVGTDATEVAADFPTVEALR	21
PPUB+1266	Proteomics_pub	818394	818420	+	3	WALALEDGK	9
PPUB+1267	Proteomics_pub	830248	830292	+	1	TAGFTLPLLQHLITR	15
PPUB+1268	Proteomics_pub	830908	830946	+	1	SAAIHGNKSQGAR	13
PPUB+1269	Proteomics_pub	830986	831015	+	1	VLVATDIAAR	10
PPUB+1270	Proteomics_pub	831388	831423	+	1	LGDAKPAGEQQR	12
PPUB+1271	Proteomics_pub	834792	834839	+	3	LGFPVVVHGVSEDPTR	16
PPUB+1272	Proteomics_pub	835029	835064	+	3	LATPFAEGEALR	12
PPUB+1273	Proteomics_pub	835065	835100	+	3	LSSVSHPEYIGR	12
PPUB+1274	Proteomics_pub	835134	835184	+	3	ALLMHGTEGEVYANPQR	17
PPUB+1275	Proteomics_pub	835185	835211	+	3	CPQINLIDR	9
PPUB+1276	Proteomics_pub	835278	835310	+	3	DPETTAQWIER	11
PPUB+1277	Proteomics_pub	835311	835349	+	3	CLAGSEPIPESLK	13
PPUB+1278	Proteomics_pub	835799	835834	+	2	EAGAAVTLDGDR	12
PPUB+1279	Proteomics_pub	849823	849885	+	1	YRYEEDNSPLGVIGSFTYTEK	21
PPUB+1280	Proteomics_pub	849829	849885	+	1	YEEDNSPLGVIGSFTYTEK	19
PPUB+1281	Proteomics_pub	849886	849918	+	1	SRTASSGDYNK	11
PPUB+1282	Proteomics_pub	849892	849918	+	1	TASSGDYNK	9
PPUB+1283	Proteomics_pub	849892	849957	+	1	TASSGDYNKNQYYGITAGPAYR	22
PPUB+1284	Proteomics_pub	849919	849957	+	1	NQYYGITAGPAYR	13
PPUB+1285	Proteomics_pub	849919	850008	+	1	NQYYGITAGPAYRINDWASIYGVVGVGYGK	30
PPUB+1286	Proteomics_pub	849958	850008	+	1	INDWASIYGVVGVGYGK	17
PPUB+1287	Proteomics_pub	850009	850038	+	1	FQTTEYPYK	10
PPUB+1288	Proteomics_pub	850141	850182	+	1	SVDVGTWIAGVGYR	14
PPUB+1289	Proteomics_pub	850141	850185	+	1	SVDVGTWIAGVGYRF	15
PPUB+1290	Proteomics_pub	855588	855668	+	3	AASLLHGLGFSNEQLERPVSDFSGGWR	27
PPUB+1291	Proteomics_pub	856137	856166	+	3	NALEVEGLTK	10

PPUB+1292	Proteomics_pub	856275	856316	+	3	TLVGDLPDMSGTVK	14
PPUB+1293	Proteomics_pub	856722	856760	+	3	VIDFSGNYEDYLR	13
PPUB+1294	Proteomics_pub	868111	868155	+	1	AHHYPSELGGQQR	15
PPUB+1295	Proteomics_pub	868171	868239	+	1	ALAINPDILLMDEAFSALDPLIR	23
PPUB+1296	Proteomics_pub	880202	880267	+	2	FKETDLVTIGNDAWATGNPVFK	22
PPUB+1297	Proteomics_pub	880445	880504	+	2	NTHFQTVHGLDADGQYSSAR	20
PPUB+1298	Proteomics_pub	880610	880654	+	2	NGLLWDNSLNVDGIK	15
PPUB+1299	Proteomics_pub	880673	880717	+	2	AGYNLVSATGQMR	15
PPUB+1300	Proteomics_pub	880778	880798	+	2	LLTWGFR	7
PPUB+1301	Proteomics_pub	890407	890442	+	1	MTPTIELICGHR	12
PPUB+1302	Proteomics_pub	890452	890487	+	1	HFTDEPISEAQR	12
PPUB+1303	Proteomics_pub	890512	890556	+	1	ATSSSSFLQCSSIIR	15
PPUB+1304	Proteomics_pub	890569	890610	+	1	ALREELVTLTGGQK	14
PPUB+1305	Proteomics_pub	890578	890610	+	1	EELVTLTGGQK	11
PPUB+1306	Proteomics_pub	890914	890964	+	1	LPASILVHENSYPQLDK	17
PPUB+1307	Proteomics_pub	890965	891015	+	1	GALAQYDEQLAEYYLTR	17
PPUB+1308	Proteomics_pub	891034	891057	+	1	DTWSDHIR	8
PPUB+1309	Proteomics_pub	891073	891108	+	1	ESRPFILDYLHK	12
PPUB+1310	Proteomics_pub	893220	893279	+	3	LMAGSTGFDLVVPSASFLER	20
PPUB+1311	Proteomics_pub	893280	893315	+	3	QLTAGVFQPLDK	12
PPUB+1312	Proteomics_pub	893964	893996	+	3	AATPLVSAEVR	11
PPUB+1313	Proteomics_pub	894433	894468	+	1	GQVLIDGVDIK	12
PPUB+1314	Proteomics_pub	894649	894684	+	1	KPHQLSGGQQR	12
PPUB+1315	Proteomics_pub	894700	894768	+	1	ALAINPDILLMDEAFSALDPLIR	23
PPUB+1316	Proteomics_pub	898725	898763	+	3	ILYISCPETLCK	13
PPUB+1317	Proteomics_pub	919990	920025	+	1	YPLHLSGGQQR	12
PPUB+1318	Proteomics_pub	920062	920103	+	1	LVLADEPTGNLDAR	14
PPUB+1319	Proteomics_pub	922880	922915	+	2	LDVVNFISHGTR	12
PPUB+1320	Proteomics_pub	923030	923059	+	2	VGGIDPLIGR	10
PPUB+1321	Proteomics_pub	923108	923146	+	2	NNPVLIGEPGVGK	13
PPUB+1322	Proteomics_pub	923147	923176	+	2	TAIAEGLAWR	10
PPUB+1323	Proteomics_pub	923678	923710	+	2	AIDVIDEAGAR	11
PPUB+1324	Proteomics_pub	923744	923782	+	2	TVNVADIESVVAR	13
PPUB+1325	Proteomics_pub	923882	923911	+	2	AIEALTEAIK	10
PPUB+1326	Proteomics_pub	923921	923989	+	2	AGLADPNRPIGSFLFLGPTGVGK	23
PPUB+1327	Proteomics_pub	923954	923989	+	2	NILMIGPTGVGK	12
PPUB+1328	Proteomics_pub	924041	924067	+	2	FDMSEYMER	9
PPUB+1329	Proteomics_pub	924149	924190	+	2	RRPYSVILLDEVEK	14
PPUB+1330	Proteomics_pub	924191	924262	+	2	AHPDVFNILLQVLLDDGRLTDGQGR	24
PPUB+1331	Proteomics_pub	924515	924547	+	2	GVSLEVSQEAR	11
PPUB+1332	Proteomics_pub	924704	924739	+	2	NELTYGFQSAQK	12
PPUB+1333	Proteomics_pub	931926	931961	+	3	RVGLSPTPCLER	12
PPUB+1334	Proteomics_pub	931929	931961	+	3	VGLSPTPCLER	11
PPUB+1335	Proteomics_pub	932070	932114	+	3	GAPDVFEQFNTAVQK	15
PPUB+1336	Proteomics_pub	932178	932201	+	3	VPDMSAYR	8
PPUB+1337	Proteomics_pub	932229	932252	+	3	LPGVNDTR	8

PPUB+1338	Proteomics_pub	932253	932279	+	3	TYVVMEEVK	9
PPUB+1339	Proteomics_pub	935666	935689	+	2	NLAGYNEK	8
PPUB+1340	Proteomics_pub	936116	936151	+	2	DQEVHAVVQDWK	12
PPUB+1341	Proteomics_pub	936727	936783	+	1	VTDGSGAAVQEGQGDLWVK	19
PPUB+1342	Proteomics_pub	936850	936903	+	1	TLWFYNPFVEQATATWLK	18
PPUB+1343	Proteomics_pub	936943	936978	+	1	NQSSDWQQYNIK	12
PPUB+1344	Proteomics_pub	936979	937011	+	1	QNGDDFVLTPK	11
PPUB+1345	Proteomics_pub	937033	937056	+	1	QFTINVGR	8
PPUB+1346	Proteomics_pub	937057	937104	+	1	DGTIHQFSAVEQDDQR	16
PPUB+1347	Proteomics_pub	937123	937155	+	1	SQQNGAVDAAK	11
PPUB+1348	Proteomics_pub	938675	938701	+	2	NEPDAVAEK	9
PPUB+1349	Proteomics_pub	938723	938758	+	2	LDVDKLGALEER	12
PPUB+1350	Proteomics_pub	938765	938803	+	2	VLQVKTENLQAER	13
PPUB+1351	Proteomics_pub	938843	938866	+	2	GEDIEPLR	8
PPUB+1352	Proteomics_pub	938843	938881	+	2	GEDIEPLRLEVNK	13
PPUB+1353	Proteomics_pub	938909	938941	+	2	AELDALQAEIR	11
PPUB+1354	Proteomics_pub	938942	939025	+	2	DIALTIPNLPADEVPGKDENDNVEVSR	28
PPUB+1355	Proteomics_pub	939062	939118	+	2	DHVTLGEMHSGLDFAAAVK	19
PPUB+1356	Proteomics_pub	939287	939391	+	2	FAGDLFHTRPLEEEADTSNYALIPTAEVPLTNLVR	35
PPUB+1357	Proteomics_pub	939392	939427	+	2	GEIIDEDDLPIK	12
PPUB+1358	Proteomics_pub	939455	939478	+	2	SEAGSYGR	8
PPUB+1359	Proteomics_pub	939518	939592	+	2	VEMVQIVRPEDSMAALEEMTGHAEK	25
PPUB+1360	Proteomics_pub	939593	939622	+	2	VLQLLGLPYR	10
PPUB+1361	Proteomics_pub	939593	939625	+	2	VLQLLGLPYRK	11
PPUB+1362	Proteomics_pub	939626	939667	+	2	IILCTGDMGFGACK	14
PPUB+1363	Proteomics_pub	939668	939712	+	2	TYDLEVVIPAQNTYR	15
PPUB+1364	Proteomics_pub	939713	939754	+	2	EISSCSNVWDFQAR	14
PPUB+1365	Proteomics_pub	939800	939841	+	2	LVHTLNGSGLAVGR	14
PPUB+1366	Proteomics_pub	939842	939886	+	2	TLVAVMENYQQADGR	15
PPUB+1367	Proteomics_pub	956879	956935	+	2	AQIFNFSSGPAMPLPAEVLK	19
PPUB+1368	Proteomics_pub	956957	957001	+	2	DWNGLGTSVMEVSHR	15
PPUB+1369	Proteomics_pub	957008	957040	+	2	EFIQVAEEAEK	11
PPUB+1370	Proteomics_pub	957008	957049	+	2	EFIQVAEEAEKDFR	14
PPUB+1371	Proteomics_pub	957041	957079	+	2	DFRDLLNVPSNYK	13
PPUB+1372	Proteomics_pub	957050	957079	+	2	DLLNVPSNYK	10
PPUB+1373	Proteomics_pub	957080	957106	+	2	VLFCHGGGR	9
PPUB+1374	Proteomics_pub	957107	957148	+	2	GQFAAVPLNILGDK	14
PPUB+1375	Proteomics_pub	957149	957199	+	2	TTADYVDAGYWAASAIK	17
PPUB+1376	Proteomics_pub	957209	957241	+	2	KYCTPNVFDAK	11
PPUB+1377	Proteomics_pub	957212	957241	+	2	YCTPNVFDAK	10
PPUB+1378	Proteomics_pub	957440	957469	+	2	YGVIIYAGAQK	10
PPUB+1379	Proteomics_pub	957470	957508	+	2	NIGPAGLTIVIVR	13
PPUB+1380	Proteomics_pub	957470	957526	+	2	NIGPAGLTIVIVREDLLGK	19
PPUB+1381	Proteomics_pub	957527	957637	+	2	ANIACPSILDYSILNDNGSMFNTPTFAWYLSGLVFK	37
PPUB+1382	Proteomics_pub	957638	957676	+	2	WLKANGGVAAMDK	13
PPUB+1383	Proteomics_pub	957647	957676	+	2	ANGGVAEMDK	10



PPUB+1384	Proteomics_pub	957647	957691	+	2	ANGGVAEMDKINQQK	15
PPUB+1385	Proteomics_pub	957692	957736	+	2	AELLYGVIDNSDFYR	15
PPUB+1386	Proteomics_pub	957767	957808	+	2	MNVPFQLADSALDK	14
PPUB+1387	Proteomics_pub	957809	957853	+	2	LFLEESFAAGLHALK	15
PPUB+1388	Proteomics_pub	957881	957919	+	2	ASIYNAMPLEGVK	13
PPUB+1389	Proteomics_pub	957920	957952	+	2	ALTDFMVEFER	11
PPUB+1390	Proteomics_pub	958035	958067	+	3	MESLTLQPIAR	11
PPUB+1391	Proteomics_pub	958068	958100	+	3	VDGTINLPGSK	11
PPUB+1392	Proteomics_pub	958116	958148	+	3	ALLLAALAHGK	11
PPUB+1393	Proteomics_pub	958149	958187	+	3	TVLTNLLDSDDVR	13
PPUB+1394	Proteomics_pub	958452	958490	+	3	ITYLEQENYPPLR	13
PPUB+1395	Proteomics_pub	958662	958712	+	3	TFGVEIQHYQQFVVK	17
PPUB+1396	Proteomics_pub	959067	959093	+	3	LFAMATELR	9
PPUB+1397	Proteomics_pub	959094	959135	+	3	KVGAEVEEGHDYIR	14
PPUB+1398	Proteomics_pub	959097	959135	+	3	VGAEVEEGHDYIR	13
PPUB+1399	Proteomics_pub	959154	959192	+	3	LNFAEIATYNDHR	13
PPUB+1400	Proteomics_pub	959268	959300	+	3	TFPDYFEQLAR	11
PPUB+1401	Proteomics_pub	960060	960101	+	3	QEAEADDYSYDLLR	14
PPUB+1402	Proteomics_pub	960427	960477	+	1	TAIAPVITIDGSPGAGK	17
PPUB+1403	Proteomics_pub	960700	960747	+	1	TQEVANAASQVAAPFR	16
PPUB+1404	Proteomics_pub	960787	960816	+	1	ELPGLIADGR	10
PPUB+1405	Proteomics_pub	960817	960855	+	1	DMGTVVFPDAPVK	13
PPUB+1406	Proteomics_pub	960856	960885	+	1	IFLDASSEER	10
PPUB+1407	Proteomics_pub	960919	960942	+	1	GFSVNFER	8
PPUB+1408	Proteomics_pub	961218	961259	+	3	MTESFAQLFEESLK	14
PPUB+1409	Proteomics_pub	961221	961259	+	3	TESFAQLFEESLK	13
PPUB+1410	Proteomics_pub	961260	961292	+	3	EIETRPGSIVR	11
PPUB+1411	Proteomics_pub	961293	961346	+	3	GVVVAIDKDVVLVDAGLK	18
PPUB+1412	Proteomics_pub	961317	961346	+	3	DVVLVDAGLK	10
PPUB+1413	Proteomics_pub	961317	961379	+	3	DVVLVDAGLKSESAIPAEQFK	21
PPUB+1414	Proteomics_pub	961347	961379	+	3	SESAIPAEQFK	11
PPUB+1415	Proteomics_pub	961380	961475	+	3	NAQGELEIQVGDEVDVALDAVEDGFGFETLLSR	32
PPUB+1416	Proteomics_pub	961488	961517	+	3	RHEAWITLEK	10
PPUB+1417	Proteomics_pub	961491	961517	+	3	HEAWITLEK	9
PPUB+1418	Proteomics_pub	961518	961562	+	3	AYEDAETVTGVINGK	15
PPUB+1419	Proteomics_pub	961518	961568	+	3	AYEDAETVTGVINGKVK	17
PPUB+1420	Proteomics_pub	961563	961601	+	3	VKGGFTVELNGIR	13
PPUB+1421	Proteomics_pub	961569	961601	+	3	GGFTVELNGIR	11
PPUB+1422	Proteomics_pub	961602	961643	+	3	AFLPGSLVDVRPVR	14
PPUB+1423	Proteomics_pub	961644	961682	+	3	DTLHLEGKELEFK	13
PPUB+1424	Proteomics_pub	961728	961763	+	3	RAVIESENSAER	12
PPUB+1425	Proteomics_pub	961731	961763	+	3	AVIESENSAER	11
PPUB+1426	Proteomics_pub	961731	961805	+	3	AVIESENSAERDQLLENLQEGMEVK	25
PPUB+1427	Proteomics_pub	961764	961805	+	3	DQLLENLQEGMEVK	14
PPUB+1428	Proteomics_pub	961818	961895	+	3	NLTDYGAFVDLGGVDGLLHITDMAWK	26
PPUB+1429	Proteomics_pub	961818	961898	+	3	NLTDYGAFVDLGGVDGLLHITDMAWKR	27

PPUB+1430	Proteomics_pub	961899	961949	+	3	VKHPSEIVNVGDEITVK	17
PPUB+1431	Proteomics_pub	961905	961949	+	3	HPSEIVNVGDEITVK	15
PPUB+1432	Proteomics_pub	961917	961973	+	3	VVNVGDVVEVMVLDIDEER	19
PPUB+1433	Proteomics_pub	961998	962033	+	3	QLGEDPWVAIAK	12
PPUB+1434	Proteomics_pub	962067	962159	+	3	VTNLTDYGCFVEIEEGVEGLVHVSEMDWTNK	31
PPUB+1435	Proteomics_pub	962073	962150	+	3	NLDYGA FVDLGGVDGLLHITDMAWK	26
PPUB+1436	Proteomics_pub	962268	962306	+	3	ANPWQQFAETHNK	13
PPUB+1437	Proteomics_pub	962268	962315	+	3	ANPWQQFAETHNKGDR	16
PPUB+1438	Proteomics_pub	962334	962411	+	3	NLDYGA FVDLGGVDGLLHITDMAWK	26
PPUB+1439	Proteomics_pub	962334	962438	+	3	SITDFGIFIGLDGGIDGLVHLSDISWNVAGEEAVR	35
PPUB+1440	Proteomics_pub	962448	962495	+	3	KGDEIAAVVLQVDAER	16
PPUB+1441	Proteomics_pub	962451	962495	+	3	GDEIAAVVLQVDAER	15
PPUB+1442	Proteomics_pub	962451	962501	+	3	GDEIAAVVLQVDAERER	17
PPUB+1443	Proteomics_pub	962520	962564	+	3	QLAEDPFNNWVALNK	15
PPUB+1444	Proteomics_pub	962520	962567	+	3	QLAEDPFNNWVALNKK	16
PPUB+1445	Proteomics_pub	962610	962654	+	3	GATVELADGVEGYLR	15
PPUB+1446	Proteomics_pub	962673	962729	+	3	DRVEDATLVLSVGDEVEAK	19
PPUB+1447	Proteomics_pub	962802	962873	+	3	DAIATVNKQEDANFSNNAMAEAFK	24
PPUB+1448	Proteomics_pub	962826	962873	+	3	QEDANFSNNAMAEAFK	16
PPUB+1449	Proteomics_pub	963078	963110	+	3	LATQQSHIPAK	11
PPUB+1450	Proteomics_pub	963132	963176	+	3	EMLEHMASTLAQGER	15
PPUB+1451	Proteomics_pub	963189	963218	+	3	GFGSFLHYR	10
PPUB+1452	Proteomics_pub	963246	963275	+	3	TGDKVELEGK	10
PPUB+1453	Proteomics_pub	966741	966773	+	3	SLTNVNAQFQR	11
PPUB+1454	Proteomics_pub	966879	966905	+	3	NVTFTYPGR	9
PPUB+1455	Proteomics_pub	967395	967427	+	3	AIQAALDELQK	11
PPUB+1456	Proteomics_pub	969908	969946	+	2	LLEIIACPVCNGK	13
PPUB+1457	Proteomics_pub	969986	970012	+	2	LDNLAFPLR	9
PPUB+1458	Proteomics_pub	969986	970048	+	2	LDNLAFPLR DGIPVLLTEAR	21
PPUB+1459	Proteomics_pub	970013	970048	+	2	DGIPVLLTEAR	12
PPUB+1460	Proteomics_pub	970078	970104	+	1	SFVVIIPAR	9
PPUB+1461	Proteomics_pub	970207	970242	+	1	IIVATDHEDVAR	12
PPUB+1462	Proteomics_pub	970243	970281	+	1	AVEAAGGEVCMTR	13
PPUB+1463	Proteomics_pub	970405	970431	+	1	QVADNLAQR	9
PPUB+1464	Proteomics_pub	970573	970614	+	1	FAEGLETVDGNFLR	14
PPUB+1465	Proteomics_pub	970615	970638	+	1	HLGIYGYR	8
PPUB+1466	Proteomics_pub	970735	970800	+	1	IHVAVAQEVPGTGVDTPEDLER	22
PPUB+1467	Proteomics_pub	972355	972414	+	1	GLDASIEHDIVHGLQALPSR	20
PPUB+1468	Proteomics_pub	975573	975611	+	3	SLTLINWNGFFAR	13
PPUB+1469	Proteomics_pub	976203	976235	+	3	DYLLPENSGVR	11
PPUB+1470	Proteomics_pub	976785	976823	+	3	AIQYNQAIALNR	13
PPUB+1471	Proteomics_pub	977022	977045	+	3	NEAWDVAR	8
PPUB+1472	Proteomics_pub	977076	977105	+	3	HLAEQVQPLR	10
PPUB+1473	Proteomics_pub	977244	977279	+	3	IASLSDSVSNAR	12
PPUB+1474	Proteomics_pub	977508	977534	+	3	NAVDEEIER	9
PPUB+1475	Proteomics_pub	977535	977567	+	3	LSQPGGSEDQR	11

PPUB+1476	Proteomics_pub	978099	978137	+	3	ALSNHENDNQQR	13
PPUB+1477	Proteomics_pub	978279	978311	+	3	FVQQFGNQLAK	11
PPUB+1478	Proteomics_pub	978312	978368	+	3	LEPIVSVLQSDPEQFEQLK	19
PPUB+1479	Proteomics_pub	978954	978989	+	3	RELAYLSADDLR	12
PPUB+1480	Proteomics_pub	978957	978989	+	3	ELAYLSADDLR	11
PPUB+1481	Proteomics_pub	981384	981425	+	3	AFLPGSLVDVRPVR	14
PPUB+1482	Proteomics_pub	982945	982983	+	1	LAALVDPGGDAEK	13
PPUB+1483	Proteomics_pub	983116	983157	+	1	EDEFWLQGLPAQSR	14
PPUB+1484	Proteomics_pub	989944	989976	+	1	TVVTAVSQAVR	11
PPUB+1485	Proteomics_pub	989977	990003	+	1	HGASDAPLR	9
PPUB+1486	Proteomics_pub	990070	990111	+	1	EEEGALVISNLPER	14
PPUB+1487	Proteomics_pub	990223	990264	+	1	HITYYLDLRPDVLR	14
PPUB+1488	Proteomics_pub	990292	990327	+	1	IKYPFLLSNGNR	12
PPUB+1489	Proteomics_pub	990298	990327	+	1	YPFLLSNGNR	10
PPUB+1490	Proteomics_pub	990328	990357	+	1	VAQGELENGR	10
PPUB+1491	Proteomics_pub	990466	990495	+	1	EVALELYVDR	10
PPUB+1492	Proteomics_pub	990643	990666	+	1	GLNIFNSK	8
PPUB+1493	Proteomics_pub	990682	990723	+	1	TDTATDKDYLDIER	14
PPUB+1494	Proteomics_pub	990724	990765	+	1	VIGHEYFHNWTGNR	14
PPUB+1495	Proteomics_pub	990802	990855	+	1	EGLTVFRDQEFSSDLGSR	18
PPUB+1496	Proteomics_pub	990823	990855	+	1	DQEFSSDLGSR	11
PPUB+1497	Proteomics_pub	991012	991050	+	1	MIHTLLGEENFQK	13
PPUB+1498	Proteomics_pub	991051	991074	+	1	GMQLYFER	8
PPUB+1499	Proteomics_pub	991159	991197	+	1	WYSQSGTPIVTVK	13
PPUB+1500	Proteomics_pub	991249	991278	+	1	TPATPDQAEK	10
PPUB+1501	Proteomics_pub	991279	991329	+	1	QPLHIPFAIELYDNEGK	17
PPUB+1502	Proteomics_pub	991480	991512	+	1	WSDQQLTFLMR	11
PPUB+1503	Proteomics_pub	991537	991575	+	1	WDAAQSLLATYIK	13
PPUB+1504	Proteomics_pub	991591	991644	+	1	HQQGQPLSLPVHVADAFR	18
PPUB+1505	Proteomics_pub	991903	991950	+	1	FLAFGETHLADVLVSK	16
PPUB+1506	Proteomics_pub	992089	992142	+	1	WFILQATSPAANVLETVR	18
PPUB+1507	Proteomics_pub	992161	992187	+	1	SFTMSNPNR	9
PPUB+1508	Proteomics_pub	992194	992298	+	1	SLIGAFAGSNPAAFHAEDGSGYLFLVEMLTDLNSR	35
PPUB+1509	Proteomics_pub	992278	992340	+	1	ITDAYAENPQIANLLLAPYFK	21
PPUB+1510	Proteomics_pub	992401	992436	+	1	GLENLSGDLYEK	12
PPUB+1511	Proteomics_pub	1004015	1004041	+	2	ALFQLDPER	9
PPUB+1512	Proteomics_pub	1004288	1004326	+	2	LFRLVDAEGLINR	13
PPUB+1513	Proteomics_pub	1004297	1004326	+	2	LVDAEGLINR	10
PPUB+1514	Proteomics_pub	1007067	1007096	+	3	MNSLFASTAR	10
PPUB+1515	Proteomics_pub	1007193	1007222	+	3	LVYQSLMWSR	10
PPUB+1516	Proteomics_pub	1007967	1008011	+	3	GPYGTVLSNPPYGER	15
PPUB+1517	Proteomics_pub	1008012	1008059	+	3	LDSEPALIALHSLGR	16
PPUB+1518	Proteomics_pub	1009601	1009675	+	2	INEVLAQLGLDPNVALSSLSGGWLR	25
PPUB+1519	Proteomics_pub	1009778	1009825	+	2	FLHDFEGTVVAITHDR	16
PPUB+1520	Proteomics_pub	1010276	1010311	+	2	LMLGQLQADSGR	12
PPUB+1521	Proteomics_pub	1013028	1013069	+	3	VGSVETSTFDTQKR	14

PPUB+1522	Proteomics_pub	1013742	1013771	+	3	LMEALDKINK	10
PPUB+1523	Proteomics_pub	1014057	1014083	+	3	SNALVFEAK	9
PPUB+1524	Proteomics_pub	1024864	1024893	+	1	LMAPLLKAWK	10
PPUB+1525	Proteomics_pub	1025716	1025745	+	1	NLDVVPVARKP	10
PPUB+1526	Proteomics_pub	1027541	1027579	+	2	CPAIEIPRLGLAK	13
PPUB+1527	Proteomics_pub	1050732	1050767	+	3	GFGFITPDDGSK	12
PPUB+1528	Proteomics_pub	1050732	1050767	+	3	GFGFISPVVGSK	12
PPUB+1529	Proteomics_pub	1050732	1050767	+	3	GFGFITPADGSK	12
PPUB+1530	Proteomics_pub	1050732	1050767	+	3	GFGFITPEDGSK	12
PPUB+1531	Proteomics_pub	1050732	1050767	+	3	GFGFITPDDGSK	12
PPUB+1532	Proteomics_pub	1050732	1050767	+	3	GFGFITPKDGSK	12
PPUB+1533	Proteomics_pub	1050768	1050812	+	3	DVFBVHFSAIQNDGYK	15
PPUB+1534	Proteomics_pub	1050768	1050812	+	3	DVFBVHFSAIQNGGFK	15
PPUB+1535	Proteomics_pub	1050768	1050812	+	3	DVFBVHFSAIQTNGFK	15
PPUB+1536	Proteomics_pub	1050813	1050863	+	3	TLAEGQNVEFEIQDGGQK	17
PPUB+1537	Proteomics_pub	1050813	1050863	+	3	TLNENQKVEFSIEQQQR	17
PPUB+1538	Proteomics_pub	1050834	1050863	+	3	VEFSIEQQQR	10
PPUB+1539	Proteomics_pub	1051314	1051352	+	3	QAETEIADFIAQK	13
PPUB+1540	Proteomics_pub	1051419	1051448	+	3	MTGLESYDVK	10
PPUB+1541	Proteomics_pub	1051419	1051448	+	3	MTGLESYDVK	10
PPUB+1542	Proteomics_pub	1057970	1058008	+	2	EASGSLLPASEVK	13
PPUB+1543	Proteomics_pub	1081703	1081732	+	2	ENIAPGFSQK	10
PPUB+1544	Proteomics_pub	1082129	1082155	+	2	ALFGDNNTK	9
PPUB+1545	Proteomics_pub	1082243	1082290	+	2	VVGAAGLIEEVAASK	16
PPUB+1546	Proteomics_pub	1082366	1082398	+	2	IVDLLRPQLQK	11
PPUB+1547	Proteomics_pub	1082531	1082572	+	2	GPITALAEDLAQLR	14
PPUB+1548	Proteomics_pub	1084848	1084880	+	3	LGFLPGDLSQK	11
PPUB+1549	Proteomics_pub	1097328	1097375	+	3	LQAHPEMLNPSVPLFR	16
PPUB+1550	Proteomics_pub	1097754	1097789	+	3	LPDGAYLLNLAR	12
PPUB+1551	Proteomics_pub	1098285	1098311	+	3	VVDGVGILR	9
PPUB+1552	Proteomics_pub	1098890	1098913	+	2	VLGSLYLR	8
PPUB+1553	Proteomics_pub	1098914	1098958	+	2	QPQDPLLVPLFTLIR	15
PPUB+1554	Proteomics_pub	1098968	1099012	+	2	LAANWPLEQDELLTR	15
PPUB+1555	Proteomics_pub	1099313	1099345	+	2	VEAHATTPFWR	11
PPUB+1556	Proteomics_pub	1108723	1108761	+	1	YADYQQIQFNHDK	13
PPUB+1557	Proteomics_pub	1108762	1108782	+	1	AYWNNLK	7
PPUB+1558	Proteomics_pub	1108795	1108839	+	1	LEFYHQGMFYFDTVPK	15
PPUB+1559	Proteomics_pub	1108840	1108869	+	1	INEVTATAVK	10
PPUB+1560	Proteomics_pub	1108840	1108872	+	1	INEVTATAVKR	11
PPUB+1561	Proteomics_pub	1108879	1108935	+	1	YSPDYFTFGDVQHDKDTVK	19
PPUB+1562	Proteomics_pub	1108936	1108959	+	1	DLGFAGFK	8
PPUB+1563	Proteomics_pub	1108984	1109031	+	1	DKNDEIVSMLGASYFR	16
PPUB+1564	Proteomics_pub	1108990	1109031	+	1	NDEIVSMLGASYFR	14
PPUB+1565	Proteomics_pub	1109032	1109070	+	1	VIGAGQVYGLSAR	13
PPUB+1566	Proteomics_pub	1109071	1109118	+	1	GLAIDTALPSGEEFPR	16
PPUB+1567	Proteomics_pub	1109161	1109196	+	1	RLTIYALLDSPR	12

PPUB+1568	Proteomics_pub	1109164	1109196	+	1	LTIYALLDSPR	11
PPUB+1569	Proteomics_pub	1109215	1109262	+	1	FVVMGRDVTVDVQSK	16
PPUB+1570	Proteomics_pub	1109236	1109262	+	1	DTVVDVQSK	9
PPUB+1571	Proteomics_pub	1109443	1109502	+	1	HLAVSSFSMENPQGFGLLQR	20
PPUB+1572	Proteomics_pub	1109593	1109688	+	1	GSVELVEIPTNDETNDNIVAYWTPDQLPEPGK	32
PPUB+1573	Proteomics_pub	1109725	1109775	+	1	DEDKLHAPDNAWVQQR	17
PPUB+1574	Proteomics_pub	1109869	1109946	+	1	KLPEDTPVTAQTSIGDNGEIVESTVR	26
PPUB+1575	Proteomics_pub	1124971	1124997	+	1	LGMINEFHK	9
PPUB+1576	Proteomics_pub	1125386	1125412	+	2	YQLTALEAR	9
PPUB+1577	Proteomics_pub	1125632	1125661	+	2	FCNSEFGDLK	10
PPUB+1578	Proteomics_pub	1125995	1126024	+	2	LDSLLAHLGD	10
PPUB+1579	Proteomics_pub	1144190	1144225	+	2	IVAITADEAGQR	12
PPUB+1580	Proteomics_pub	1144379	1144423	+	2	VAEREEAVSPHLQK	15
PPUB+1581	Proteomics_pub	1144589	1144627	+	2	LDRDTSGLLVAK	13
PPUB+1582	Proteomics_pub	1144598	1144627	+	2	DTSGVLLVAK	10
PPUB+1583	Proteomics_pub	1144706	1144729	+	2	GQWQSHVK	8
PPUB+1584	Proteomics_pub	1144730	1144777	+	2	SVQAPLLKNILQSGER	16
PPUB+1585	Proteomics_pub	1144787	1144819	+	2	VSQEGKPSETR	11
PPUB+1586	Proteomics_pub	1144967	1144999	+	2	QLTEAGTGLNR	11
PPUB+1587	Proteomics_pub	1145027	1145059	+	2	FTHPGTGEVMR	11
PPUB+1588	Proteomics_pub	1146026	1146058	+	2	VKLPLTDPVR	11
PPUB+1589	Proteomics_pub	1146032	1146058	+	2	LPLTDPVR	9
PPUB+1590	Proteomics_pub	1146071	1146115	+	2	RLDYQGIYTPDQVER	15
PPUB+1591	Proteomics_pub	1146188	1146214	+	2	LAVLNGDAK	9
PPUB+1592	Proteomics_pub	1146215	1146241	+	2	VTVTLECQR	9
PPUB+1593	Proteomics_pub	1146593	1146619	+	2	AVQQNKPTR	9
PPUB+1594	Proteomics_pub	1146638	1146685	+	2	RSHDALTAVTSLSVDK	16
PPUB+1595	Proteomics_pub	1146641	1146685	+	2	SHDALTAVTSLSVDK	15
PPUB+1596	Proteomics_pub	1146641	1146700	+	2	SHDALTAVTSLSVDKTSGEK	20
PPUB+1597	Proteomics_pub	1146710	1146739	+	2	HHITADGYR	10
PPUB+1598	Proteomics_pub	1147994	1148032	+	2	IIGTGSYLPEQVR	13
PPUB+1599	Proteomics_pub	1148054	1148089	+	2	MVDTSEWIVTR	12
PPUB+1600	Proteomics_pub	1148108	1148164	+	2	HIAAPNETVSTMGFEAATR	19
PPUB+1601	Proteomics_pub	1148378	1148413	+	2	YALVVGSDVLAR	12
PPUB+1602	Proteomics_pub	1148624	1148686	+	2	VAVTELAHIVDETLAANNLDR	21
PPUB+1603	Proteomics_pub	1148687	1148728	+	2	SQLDWLVP HQANLR	14
PPUB+1604	Proteomics_pub	1148750	1148794	+	2	KLGMSMDNVVTLDR	15
PPUB+1605	Proteomics_pub	1148795	1148848	+	2	HGNTSAASVPCALDEAVR	18
PPUB+1606	Proteomics_pub	1149125	1149175	+	2	TWQTQPALLTASVALYR	17
PPUB+1607	Proteomics_pub	1149176	1149199	+	2	VWQQQGGK	8
PPUB+1608	Proteomics_pub	1149200	1149286	+	2	APAMMAGHSLGEYSALVCAGVIDFADAVR	29
PPUB+1609	Proteomics_pub	1149308	1149385	+	2	FMQEAVPEGTGAMAAIIGLDDASIAK	26
PPUB+1610	Proteomics_pub	1149386	1149469	+	2	ACEEAAEGQVVSPVNFNSPGQVVIAGHK	28
PPUB+1611	Proteomics_pub	1149518	1149583	+	2	RALPLPVSVPSHCALMKPAADK	22
PPUB+1612	Proteomics_pub	1149521	1149583	+	2	ALPLPVSVPSHCALMKPAADK	21
PPUB+1613	Proteomics_pub	1149605	1149655	+	2	ITFNAPTVPVNNVDVK	17

PPUB+1614	Proteomics_pub	1149656	1149682	+	2	CETNGDAIR	9
PPUB+1615	Proteomics_pub	1149656	1149697	+	2	CETNGDAIRDALVR	14
PPUB+1616	Proteomics_pub	1149698	1149727	+	2	QLYNPVQWTK	10
PPUB+1617	Proteomics_pub	1149728	1149787	+	2	SVEYMAAQGVEHLYEVGPGK	20
PPUB+1618	Proteomics_pub	1149809	1149877	+	2	RIVDTLTASALNEPSAMAAALEL	23
PPUB+1619	Proteomics_pub	1149812	1149877	+	2	IVDTLTASALNEPSAMAAALEL	22
PPUB+1620	Proteomics_pub	1149911	1149949	+	2	IALVTGASRGIGR	13
PPUB+1621	Proteomics_pub	1149950	1149985	+	2	AIAETLAARGAK	12
PPUB+1622	Proteomics_pub	1149986	1150054	+	2	VIGTATSENGAQAI SDYLGANGK	23
PPUB+1623	Proteomics_pub	1150055	1150108	+	2	GLMLNVTD PASIESVLEK	18
PPUB+1624	Proteomics_pub	1150109	1150165	+	2	IRA EFGVDILVNNAGITR	19
PPUB+1625	Proteomics_pub	1150115	1150165	+	2	A EFGVDILVNNAGITR	17
PPUB+1626	Proteomics_pub	1150184	1150240	+	2	MKDEEWNDIIETNLSSVFR	19
PPUB+1627	Proteomics_pub	1150190	1150240	+	2	DEEWNDIIETNLSSVFR	17
PPUB+1628	Proteomics_pub	1150289	1150357	+	2	IITIGSVVGTMGNGGQANYAAAK	23
PPUB+1629	Proteomics_pub	1150409	1150462	+	2	GITVNVVAPGFIETDMTR	18
PPUB+1630	Proteomics_pub	1150463	1150516	+	2	ALSDDQRAGILAQVPAGR	18
PPUB+1631	Proteomics_pub	1150484	1150516	+	2	AGILAQVPAGR	11
PPUB+1632	Proteomics_pub	1150865	1150894	+	2	KIIGEQLGVK	10
PPUB+1633	Proteomics_pub	1151024	1151071	+	2	ITTVQAAIDYINGHQA	16
PPUB+1634	Proteomics_pub	1151174	1151239	+	2	RVVVTGLGMLSPVGNTVESTWK	22
PPUB+1635	Proteomics_pub	1151177	1151239	+	2	VVVTGLGMLSPVGNTVESTWK	21
PPUB+1636	Proteomics_pub	1151327	1151356	+	2	DFNCEDIISR	10
PPUB+1637	Proteomics_pub	1151327	1151359	+	2	DFNCEDIISRK	11
PPUB+1638	Proteomics_pub	1151462	1151545	+	2	IGAAIGSGIGGLGLEENHTSLMNGGPR	28
PPUB+1639	Proteomics_pub	1151624	1151689	+	2	GPSISIATACTSGVHNIGHAAR	22
PPUB+1640	Proteomics_pub	1151741	1151782	+	2	ASTPLGVGGFGAAR	14
PPUB+1641	Proteomics_pub	1151798	1151836	+	2	NDNPQAASRPWDK	13
PPUB+1642	Proteomics_pub	1151843	1151911	+	2	DGFVIAGGGGMVVVELEHALAR	23
PPUB+1643	Proteomics_pub	1152029	1152100	+	2	DAGIEASQIGYVNAHGTSTPAGDK	24
PPUB+1644	Proteomics_pub	1152029	1152121	+	2	DAGIEASQIGYVNAHGTSTPAGDKAEAQAVK	31
PPUB+1645	Proteomics_pub	1152122	1152148	+	2	TIFGEAASR	9
PPUB+1646	Proteomics_pub	1152170	1152238	+	2	SMTGHLLGAAGAVESIYSILALR	23
PPUB+1647	Proteomics_pub	1154359	1154394	+	1	YIVIEGLEGAGK	12
PPUB+1648	Proteomics_pub	1154821	1154853	+	1	IEQESFDFFNR	11
PPUB+1649	Proteomics_pub	1154866	1154892	+	1	YLELAAQDK	9
PPUB+1650	Proteomics_pub	1156363	1156395	+	1	ELNKPVI VHTR	11
PPUB+1651	Proteomics_pub	1156597	1156644	+	1	LLVETDSPYLAPVPHR	16
PPUB+1652	Proteomics_pub	1156675	1156704	+	1	DVAEYMAVLK	10
PPUB+1653	Proteomics_pub	1157503	1157541	+	1	IKLPEYLGFFAGK	13
PPUB+1654	Proteomics_pub	1157509	1157541	+	1	LPEYLGFFAGK	11
PPUB+1655	Proteomics_pub	1157809	1157838	+	1	YMAGDPTAGK	10
PPUB+1656	Proteomics_pub	1158238	1158273	+	1	TPGREDATEDAK	12
PPUB+1657	Proteomics_pub	1158274	1158327	+	1	ATGTSEM PALVA AFGGK	18
PPUB+1658	Proteomics_pub	1158328	1158363	+	1	ENITNLDACITR	12
PPUB+1659	Proteomics_pub	1158370	1158414	+	1	VSVADVSKVDQAGLK	15

PPUB+1660	Proteomics_pub	1158415	1158477	+	1	KLGAAGVVVAGSGVQAIFGTK	21
PPUB+1661	Proteomics_pub	1158478	1158516	+	1	SDNLKTEMDEYIR	13
PPUB+1662	Proteomics_pub	1158493	1158516	+	1	TEMDEYIR	8
PPUB+1663	Proteomics_pub	1161147	1161197	+	3	EIPSDIVYQDDLVTAFR	17
PPUB+1664	Proteomics_pub	1161198	1161299	+	3	DISPQAPTHILIIPNILIPTVNDVSAEHEQALGR	34
PPUB+1665	Proteomics_pub	1161321	1161359	+	3	IAEQEGIAEDGYR	13
PPUB+1666	Proteomics_pub	1162194	1162238	+	3	TNGSLNAAEATETLR	15
PPUB+1667	Proteomics_pub	1162263	1162301	+	3	FTLVSAQQLSMAK	13
PPUB+1668	Proteomics_pub	1162302	1162343	+	3	QQGLGSPQDSLGR	14
PPUB+1669	Proteomics_pub	1163486	1163518	+	2	LVVAVDQEGGR	11
PPUB+1670	Proteomics_pub	1164167	1164205	+	2	GAVSVLDNLSPIK	13
PPUB+1671	Proteomics_pub	1164420	1164455	+	3	VLQLQFIDPDVR	12
PPUB+1672	Proteomics_pub	1164594	1164617	+	3	IGFLCDIR	8
PPUB+1673	Proteomics_pub	1164669	1164707	+	3	IDRPEEYADIATK	13
PPUB+1674	Proteomics_pub	1165713	1165751	+	3	ENCIFLDNPHQAR	13
PPUB+1675	Proteomics_pub	1165752	1165787	+	3	RFHQEMLNLFK	12
PPUB+1676	Proteomics_pub	1165755	1165787	+	3	FHQEMLNLFK	11
PPUB+1677	Proteomics_pub	1165788	1165817	+	3	YSANLGANGK	10
PPUB+1678	Proteomics_pub	1165818	1165889	+	3	VNIAIVGGGATGVLSAELHNAVK	24
PPUB+1679	Proteomics_pub	1165914	1165964	+	3	GLTNEALNVTLVEAGER	17
PPUB+1680	Proteomics_pub	1165989	1166021	+	3	ISAAAHNELTK	11
PPUB+1681	Proteomics_pub	1166034	1166087	+	3	VLTQTMVTSADEGGLHTK	18
PPUB+1682	Proteomics_pub	1166157	1166183	+	3	DIGGLETNR	9
PPUB+1683	Proteomics_pub	1166184	1166225	+	3	INQLVVEPTLQTR	14
PPUB+1684	Proteomics_pub	1166388	1166456	+	3	DHGSLVLSLNFSTVGSMLMGNLTR	23
PPUB+1685	Proteomics_pub	1176256	1176300	+	1	AHHYPSELSGGQQQR	15
PPUB+1686	Proteomics_pub	1176256	1176294	+	1	ANHRPSELSGGER	13
PPUB+1687	Proteomics_pub	1176337	1176378	+	1	LVLADEPTGNLDAR	14
PPUB+1688	Proteomics_pub	1176891	1176917	+	3	GVNPQQEQR	9
PPUB+1689	Proteomics_pub	1176969	1176998	+	3	AGEQQIIIGK	10
PPUB+1690	Proteomics_pub	1185364	1185468	+	1	GGDIALGIGDEVLSPVMFVLHQLLGGQLITTDGK	35
PPUB+1691	Proteomics_pub	1194346	1194381	+	1	MESKVVVPAQ GK	12
PPUB+1692	Proteomics_pub	1194406	1194486	+	1	LNVPENPIIPYIEGDGIGVDVTPAMLK	27
PPUB+1693	Proteomics_pub	1194529	1194564	+	1	KISWMEIYTGEK	12
PPUB+1694	Proteomics_pub	1194532	1194564	+	1	ISWMEIYTGEK	11
PPUB+1695	Proteomics_pub	1194565	1194624	+	1	STQVYGQDVWLPAETLDLIR	20
PPUB+1696	Proteomics_pub	1194634	1194681	+	1	VAIKGPLTTPVGGGIR	16
PPUB+1697	Proteomics_pub	1194646	1194681	+	1	GPLTTPVGGGIR	12
PPUB+1698	Proteomics_pub	1194703	1194741	+	1	QELDLYICLRPVR	13
PPUB+1699	Proteomics_pub	1194742	1194771	+	1	YYQGTSPVK	10
PPUB+1700	Proteomics_pub	1194742	1194804	+	1	YYQGTSPVKHPELTD MVIFR	21
PPUB+1701	Proteomics_pub	1194772	1194804	+	1	HPELTD MVIFR	11
PPUB+1702	Proteomics_pub	1194805	1194843	+	1	ENSEDIYAGIEWK	13
PPUB+1703	Proteomics_pub	1194907	1194966	+	1	IRFPEHCGIGIKPCSEEGTK	20
PPUB+1704	Proteomics_pub	1194979	1195011	+	1	AAIEYAIANDR	11
PPUB+1705	Proteomics_pub	1194979	1195035	+	1	AAIEYAIANDRDSVTLVHK	19

PPUB+1706	Proteomics_pub	1195051	1195095	+	1	FTEGAFKDWGYQLAR	15
PPUB+1707	Proteomics_pub	1195072	1195095	+	1	DWGYQLAR	8
PPUB+1708	Proteomics_pub	1195096	1195140	+	1	EEFGGELIDGGPWLK	15
PPUB+1709	Proteomics_pub	1195141	1195164	+	1	VKNPNTGK	8
PPUB+1710	Proteomics_pub	1195396	1195440	+	1	VNPGSILSAEMMLR	15
PPUB+1711	Proteomics_pub	1195441	1195479	+	1	HMGWTEAADLIVK	13
PPUB+1712	Proteomics_pub	1195480	1195506	+	1	GMEGAINAK	9
PPUB+1713	Proteomics_pub	1195507	1195530	+	1	TVTYDFER	8
PPUB+1714	Proteomics_pub	1210645	1210683	+	1	HMGWTEAADLIVK	13
PPUB+1715	Proteomics_pub	1210684	1210710	+	1	GMEGAINAK	9
PPUB+1716	Proteomics_pub	1210711	1210734	+	1	TVTYDFER	8
PPUB+1717	Proteomics_pub	1234266	1234295	+	3	ELSELIGVTR	10
PPUB+1718	Proteomics_pub	1234425	1234475	+	3	LDHESVPQLIDNLLSVR	17
PPUB+1719	Proteomics_pub	1234476	1234502	+	3	TNISTIFIR	9
PPUB+1720	Proteomics_pub	1234692	1234718	+	3	HYFANPEAR	9
PPUB+1721	Proteomics_pub	1237163	1237192	+	2	AETNIQYEGR	10
PPUB+1722	Proteomics_pub	1237220	1237249	+	2	TEQQYENATR	10
PPUB+1723	Proteomics_pub	1264280	1264336	+	2	HEEVQALLGDAQTIADQER	19
PPUB+1724	Proteomics_pub	1264583	1264633	+	2	AGTGGDEAALFAGDLFR	17
PPUB+1725	Proteomics_pub	1264784	1264819	+	2	VQRVPATESQGR	12
PPUB+1726	Proteomics_pub	1264823	1264903	+	2	HTSFSSAFVYPEVDDDDIDIEINPADLR	27
PPUB+1727	Proteomics_pub	1264970	1265017	+	2	ITHIPTGIVTQCQNDR	16
PPUB+1728	Proteomics_pub	1267400	1267480	+	2	VVSIQDINVANDLPPFVLFGGMNVLESR	27
PPUB+1729	Proteomics_pub	1267496	1267528	+	2	ICEHYVTVTQK	11
PPUB+1730	Proteomics_pub	1267529	1267552	+	2	LGIPYVFK	8
PPUB+1731	Proteomics_pub	1267598	1267624	+	2	GPGLEEGMK	9
PPUB+1732	Proteomics_pub	1267661	1267747	+	2	IITDVHEPSQAQPVADVVDVIQLPAFLAR	29
PPUB+1733	Proteomics_pub	1267748	1267777	+	2	QTDLVEAMAK	10
PPUB+1734	Proteomics_pub	1267802	1267849	+	2	KPQFVSPGQMGNIVDK	16
PPUB+1735	Proteomics_pub	1267850	1267873	+	2	FKEGGNEK	8
PPUB+1736	Proteomics_pub	1267892	1267951	+	2	GANFGYDNLVVDMLGFSIMK	20
PPUB+1737	Proteomics_pub	1267952	1268008	+	2	KVSGNSPVIFDVTHALQCR	19
PPUB+1738	Proteomics_pub	1267955	1268008	+	2	VSGNSPVIFDVTHALQCR	18
PPUB+1739	Proteomics_pub	1268009	1268038	+	2	DPFGAASGGR	10
PPUB+1740	Proteomics_pub	1268132	1268164	+	2	CDGPSALPLAK	11
PPUB+1741	Proteomics_pub	1268213	1268239	+	2	GFEELDTSK	9
PPUB+1742	Proteomics_pub	1279957	1279983	+	1	LCDLWLAPK	9
PPUB+1743	Proteomics_pub	1282163	1282201	+	2	ITPTFTEESDGVR	13
PPUB+1744	Proteomics_pub	1283298	1283324	+	3	DKNFDNIQK	9
PPUB+1745	Proteomics_pub	1290707	1290742	+	2	KAVIPVAGLGTR	12
PPUB+1746	Proteomics_pub	1290710	1290760	+	2	AVIPVAGLGMHMLPATK	17
PPUB+1747	Proteomics_pub	1290710	1290742	+	2	AVIPVAGLGTR	11
PPUB+1748	Proteomics_pub	1290944	1291003	+	2	QLLDEVQSI CPPHVTIMQVR	20
PPUB+1749	Proteomics_pub	1291232	1291291	+	2	GVELAPGESVPMVGVVEKPK	20
PPUB+1750	Proteomics_pub	1291292	1291330	+	2	ADVAPSNLAIVGR	13
PPUB+1751	Proteomics_pub	1291331	1291369	+	2	YVLSADIWPLAK	13



PPUB+1752	Proteomics_pub	1291433	1291459	+	2	ETVEAYHMK	9
PPUB+1753	Proteomics_pub	1291487	1291525	+	2	LGYMQAFVEYGIR	13
PPUB+1754	Proteomics_pub	1291526	1291552	+	2	HNTLGTEFK	9
PPUB+1755	Proteomics_pub	1291553	1291585	+	2	AWLEEEMGIKK	11
PPUB+1756	Proteomics_pub	1292795	1292836	+	2	STALLQSSYNYQER	14
PPUB+1757	Proteomics_pub	1292846	1292878	+	2	TVVYTAEIDDR	11
PPUB+1758	Proteomics_pub	1293218	1293280	+	2	LDQAGRPYNEGEQVVIGNER	21
PPUB+1759	Proteomics_pub	1293311	1293352	+	2	EALQVDSLTAIQER	14
PPUB+1760	Proteomics_pub	1299335	1299373	+	2	NNGSEVQSLDPHK	13
PPUB+1761	Proteomics_pub	1299335	1299406	+	2	NNGSEVQSLDPHKIEGVPEISNR	24
PPUB+1762	Proteomics_pub	1299374	1299406	+	2	IEGVPEISNR	11
PPUB+1763	Proteomics_pub	1299407	1299484	+	2	DLFEGLLVSDLDGHPAPGVAESWDNK	26
PPUB+1764	Proteomics_pub	1299494	1299514	+	2	VWTFHLR	7
PPUB+1765	Proteomics_pub	1299527	1299580	+	2	WADGTPVTAQDFVYSWQR	18
PPUB+1766	Proteomics_pub	1299527	1299580	+	2	WSDGTPVTAQDFVYSWQR	18
PPUB+1767	Proteomics_pub	1299581	1299667	+	2	SVDPNTPYASYLQYGHIAIDEILEGK	29
PPUB+1768	Proteomics_pub	1299668	1299694	+	2	KPITDLGVK	9
PPUB+1769	Proteomics_pub	1299695	1299754	+	2	AIDDHTLEVTLSEVPYFYK	20
PPUB+1770	Proteomics_pub	1299755	1299790	+	2	LLVHPSTSPVPK	12
PPUB+1771	Proteomics_pub	1299818	1299865	+	2	WTQPGNIVTNGAYTLK	16
PPUB+1772	Proteomics_pub	1299887	1299928	+	2	IVLERSPTYWNNAK	14
PPUB+1773	Proteomics_pub	1299902	1299928	+	2	SPTYWNNAK	9
PPUB+1774	Proteomics_pub	1299929	1299988	+	2	TVINQVTYLPIASEVTDVNR	20
PPUB+1775	Proteomics_pub	1299929	1299994	+	2	TVINQVTYLPIASEVTDVNRYSR	22
PPUB+1776	Proteomics_pub	1300166	1300198	+	2	LGMDRDIIVNK	11
PPUB+1777	Proteomics_pub	1300205	1300261	+	2	AQGNMPAYGYTPPYTDGAK	19
PPUB+1778	Proteomics_pub	1300262	1300300	+	2	LTQPEWFGWSQEK	13
PPUB+1779	Proteomics_pub	1300262	1300303	+	2	LTQPEWFGWSQEK	14
PPUB+1780	Proteomics_pub	1300322	1300399	+	2	LLAEAGYTADKPLTINLLYNTSDLHK	26
PPUB+1781	Proteomics_pub	1300322	1300402	+	2	LLAEAGYTADKPLTINLLYNTSDLHKK	27
PPUB+1782	Proteomics_pub	1300400	1300432	+	2	KLAI AASSLWK	11
PPUB+1783	Proteomics_pub	1300403	1300432	+	2	LAI AASSLWK	10
PPUB+1784	Proteomics_pub	1300496	1300522	+	2	HQGTDFVAR	9
PPUB+1785	Proteomics_pub	1300523	1300609	+	2	AGWCADYNEPTSFLNMLSNSSMNTAHYK	29
PPUB+1786	Proteomics_pub	1300610	1300648	+	2	SPAFDSIMAETLK	13
PPUB+1787	Proteomics_pub	1300688	1300750	+	2	AEQLDKDSAIVPVYYYYVNAR	21
PPUB+1788	Proteomics_pub	1300709	1300750	+	2	DSAIVPVYYYYVNAR	14
PPUB+1789	Proteomics_pub	1300751	1300786	+	2	LVKPVVGGYTGGK	12
PPUB+1790	Proteomics_pub	1300751	1300813	+	2	LVKPVVGGYTGGKPLDNTYTR	21
PPUB+1791	Proteomics_pub	1300787	1300813	+	2	PLDNTYTR	9
PPUB+1792	Proteomics_pub	1322167	1322196	+	1	LINQAVEIVR	10
PPUB+1793	Proteomics_pub	1322710	1322739	+	1	EGVGDVVKPFL	10
PPUB+1794	Proteomics_pub	1324930	1324959	+	1	EIESIIEAGR	10
PPUB+1795	Proteomics_pub	1325080	1325121	+	1	VLAYYKPEGELCTR	14
PPUB+1796	Proteomics_pub	1325305	1325331	+	1	VFGQVDDAK	9
PPUB+1797	Proteomics_pub	1325350	1325385	+	1	GVQLEDGPAAFK	12

PPUB+1798	Proteomics_pub	1325467	1325502	+	1	RLWEAVGVQVSR	12
PPUB+1799	Proteomics_pub	1327629	1327661	+	3	LGEVATDSKPR	11
PPUB+1800	Proteomics_pub	1328328	1328372	+	3	FTGSAAESADRLLLR	15
PPUB+1801	Proteomics_pub	1329081	1329110	+	3	ALVIVESPAK	10
PPUB+1802	Proteomics_pub	1329129	1329155	+	3	YLGSDYVVK	9
PPUB+1803	Proteomics_pub	1329177	1329206	+	3	DLPTSGSAAK	10
PPUB+1804	Proteomics_pub	1329414	1329443	+	3	EGEAIAWHLR	10
PPUB+1805	Proteomics_pub	1329516	1329554	+	3	QAFNKPGELNIDR	13
PPUB+1806	Proteomics_pub	1329825	1329860	+	3	EQTQAAVSLLEK	12
PPUB+1807	Proteomics_pub	1329885	1329959	+	3	EDKPTTSKPGAPFITSTLQQAASR	25
PPUB+1808	Proteomics_pub	1330035	1330079	+	3	TDSTNLSQDAVNMVR	15
PPUB+1809	Proteomics_pub	1330080	1330106	+	3	GYISDNFGK	9
PPUB+1810	Proteomics_pub	1330110	1330145	+	3	YLPESPNQYASK	12
PPUB+1811	Proteomics_pub	1330293	1330334	+	3	YDSTTLTVGAGDFR	14
PPUB+1812	Proteomics_pub	1330539	1330592	+	3	GIGRPSTYASIISTIQR	18
PPUB+1813	Proteomics_pub	1330755	1330802	+	3	AVLDHFFSDFTQLDK	16
PPUB+1814	Proteomics_pub	1331109	1331171	+	3	LHVCNNPTCDGYEIEEGEFR	21
PPUB+1815	Proteomics_pub	1331178	1331210	+	3	GYDGPIVECEK	11
PPUB+1816	Proteomics_pub	1331295	1331327	+	3	ILRNGEVAPPK	11
PPUB+1817	Proteomics_pub	1331391	1331435	+	3	DGAAGVFLAANTFPK	15
PPUB+1818	Proteomics_pub	1331451	1331477	+	3	APLVEELR	9
PPUB+1819	Proteomics_pub	1331508	1331549	+	3	YLADAPQQDPEGNK	14
PPUB+1820	Proteomics_pub	1331613	1331648	+	3	ATGWSAFYVDGK	12
PPUB+1821	Proteomics_pub	1332041	1332082	+	2	HLTQVTPAGQEIR	14
PPUB+1822	Proteomics_pub	1332155	1332193	+	2	GSLYIATHTQAR	13
PPUB+1823	Proteomics_pub	1332491	1332517	+	2	SELDTAFNR	9
PPUB+1824	Proteomics_pub	1332536	1332571	+	2	IVFTATDADVIK	12
PPUB+1825	Proteomics_pub	1332722	1332748	+	2	SYMYDFIQR	9
PPUB+1826	Proteomics_pub	1332770	1332799	+	2	DVVDAVALR	10
PPUB+1827	Proteomics_pub	1334260	1334295	+	1	FGDDEAFEENVR	12
PPUB+1828	Proteomics_pub	1335643	1335675	+	1	AVEQVSTEMFR	11
PPUB+1829	Proteomics_pub	1336036	1336074	+	1	NEMVPGVEGGMTR	13
PPUB+1830	Proteomics_pub	1336414	1336446	+	1	ADGSQEVVPCR	11
PPUB+1831	Proteomics_pub	1340023	1340049	+	1	DDALAFVDK	9
PPUB+1832	Proteomics_pub	1340476	1340499	+	1	QVFGQEFK	8
PPUB+1833	Proteomics_pub	1366409	1366453	+	2	SLEHEVTLVDDTLAR	15
PPUB+1834	Proteomics_pub	1366565	1366603	+	2	QLDSGKLDEAMAR	13
PPUB+1835	Proteomics_pub	1366622	1366669	+	2	RIDQMEAEAESHSFGK	16
PPUB+1836	Proteomics_pub	1366676	1366705	+	2	SLDDQFAELK	10
PPUB+1837	Proteomics_pub	1366706	1366744	+	2	ADDAISEQLAQLK	13
PPUB+1838	Proteomics_pub	1371106	1371159	+	1	ISGAGIQESHVHDVTITK	18
PPUB+1839	Proteomics_pub	1375147	1375194	+	1	HILLKPSPIMTDEQAR	16
PPUB+1840	Proteomics_pub	1385938	1385970	+	1	LAADLNTVLTR	11
PPUB+1841	Proteomics_pub	1391368	1391406	+	1	HIKDEPASLDPK	13
PPUB+1842	Proteomics_pub	1391407	1391439	+	1	AVGLPEIQVIR	11
PPUB+1843	Proteomics_pub	1391440	1391475	+	1	DLFEGLVNQNEK	12

PPUB+1844	Proteomics_pub	1391560	1391613	+	1	WADGTPVTAQDFVYSWQR	18
PPUB+1845	Proteomics_pub	1391560	1391613	+	1	WSDGTPVTAQDFVYSWQR	18
PPUB+1846	Proteomics_pub	1391848	1391895	+	1	WTQPGNIVTNGAYTLK	16
PPUB+1847	Proteomics_pub	1392349	1392426	+	1	LLAEAGYTADKPLTINLLYNTSDLHK	26
PPUB+1848	Proteomics_pub	1392349	1392429	+	1	LLAEAGYTADKPLTINLLYNTSDLHKK	27
PPUB+1849	Proteomics_pub	1392391	1392429	+	1	LTLLYNTSENHQK	13
PPUB+1850	Proteomics_pub	1392523	1392549	+	1	NTGNFVDVIR	9
PPUB+1851	Proteomics_pub	1392655	1392690	+	1	VLAQASTENTVK	12
PPUB+1852	Proteomics_pub	1392715	1392777	+	1	AEQQLDKDSAIVPVYYYVNAR	21
PPUB+1853	Proteomics_pub	1392778	1392840	+	1	LVKPPWVGGYTGKDPLDNTYTR	21
PPUB+1854	Proteomics_pub	1392799	1392840	+	1	GYPINNPEDVAYS	14
PPUB+1855	Proteomics_pub	1425488	1425577	+	2	NQYYGITAGPAYRINDWASIYGVVGVGYGK	30
PPUB+1856	Proteomics_pub	1473432	1473461	+	3	LIVLGNLTVK	10
PPUB+1857	Proteomics_pub	1475316	1475342	+	3	FPVDVLKAR	9
PPUB+1858	Proteomics_pub	1482588	1482617	+	3	LARMVLEAQK	10
PPUB+1859	Proteomics_pub	1482996	1483028	+	3	DADKQEYTGAR	11
PPUB+1860	Proteomics_pub	1483143	1483187	+	3	IDPEWVEPVAQHLIK	15
PPUB+1861	Proteomics_pub	1483581	1483610	+	3	SMLIKEGAEK	10
PPUB+1862	Proteomics_pub	1484901	1484954	+	3	VSYFAQQLGTPYPISDKR	18
PPUB+1863	Proteomics_pub	1486259	1486312	+	2	SVPVQHMPYIDGQFVTWR	18
PPUB+1864	Proteomics_pub	1486367	1486399	+	2	IPDGQAEDARK	11
PPUB+1865	Proteomics_pub	1486421	1486459	+	2	AQPEWEALPAIER	13
PPUB+1866	Proteomics_pub	1486502	1486543	+	2	ASEISALIVEEGGK	14
PPUB+1867	Proteomics_pub	1486616	1486675	+	2	RYEGEIIQSDRPGENILLFK	20
PPUB+1868	Proteomics_pub	1486826	1486852	+	2	IVDEIGLPR	9
PPUB+1869	Proteomics_pub	1486853	1486879	+	2	GVFNLVLGR	9
PPUB+1870	Proteomics_pub	1486880	1486918	+	2	GETVGQELAGNPK	13
PPUB+1871	Proteomics_pub	1486997	1487020	+	2	VCLELGGK	8
PPUB+1872	Proteomics_pub	1487087	1487125	+	2	VINSGQVCNCAER	13
PPUB+1873	Proteomics_pub	1487141	1487167	+	2	GIYDQFVNR	9
PPUB+1874	Proteomics_pub	1487549	1487572	+	2	FGETYINR	8
PPUB+1875	Proteomics_pub	1495069	1495149	+	1	GAPRPLPDTLATMTPQAYNSIQYDAEK	27
PPUB+1876	Proteomics_pub	1495324	1495365	+	1	QLEGQSDLGFAGFR	14
PPUB+1877	Proteomics_pub	1495849	1495884	+	1	LQFNAYTDNNPK	12
PPUB+1878	Proteomics_pub	1496083	1496112	+	1	AGDEFQFYR	10
PPUB+1879	Proteomics_pub	1496290	1496331	+	1	GIEPVITLSSGEAK	14
PPUB+1880	Proteomics_pub	1496374	1496427	+	1	IQFDWYPTSDSTDPVDMR	18
PPUB+1881	Proteomics_pub	1499685	1499714	+	3	TLDLGCNGR	10
PPUB+1882	Proteomics_pub	1499715	1499765	+	3	NSLYLAANGYDVDAWDK	17
PPUB+1883	Proteomics_pub	1499766	1499795	+	3	NAMSIANVER	10
PPUB+1884	Proteomics_pub	1499802	1499834	+	3	SIENLDNLHTR	11
PPUB+1885	Proteomics_pub	1499835	1499867	+	3	VVDLNNLTFDR	11
PPUB+1886	Proteomics_pub	1500087	1500116	+	3	YNEDVGELHR	10
PPUB+1887	Proteomics_pub	1511231	1511266	+	2	KPHQLSGGQQQR	12
PPUB+1888	Proteomics_pub	1511282	1511350	+	2	ALAINPDILLMDEAFSALDPLIR	23
PPUB+1889	Proteomics_pub	1515675	1515701	+	3	SHLDEVIAR	9

PPUB+1890	Proteomics_pub	1521454	1521519	+	1	GAYEMAYSQQENALWLATSQSR	22
PPUB+1891	Proteomics_pub	1521523	1521549	+	1	LDKGGVVYR	9
PPUB+1892	Proteomics_pub	1521730	1521762	+	1	RTEEVRPLQPR	11
PPUB+1893	Proteomics_pub	1521733	1521762	+	1	TEEVRPLQPR	10
PPUB+1894	Proteomics_pub	1521763	1521816	+	1	ELVADDATNTVYISGIGK	18
PPUB+1895	Proteomics_pub	1521817	1521855	+	1	ESVIWVVDGGNIK	13
PPUB+1896	Proteomics_pub	1521886	1521921	+	1	MSTGLALDSEGK	12
PPUB+1897	Proteomics_pub	1521886	1521924	+	1	MSTGLALDSEGKR	13
PPUB+1898	Proteomics_pub	1521922	1521981	+	1	RLYTTNADGELITIDTADNK	20
PPUB+1899	Proteomics_pub	1521925	1521981	+	1	LYTTNADGELITIDTADNK	19
PPUB+1900	Proteomics_pub	1522018	1522056	+	1	EHHFINISLDTAR	13
PPUB+1901	Proteomics_pub	1522084	1522113	+	1	AAEVLVVDTR	10
PPUB+1902	Proteomics_pub	1522135	1522179	+	1	VAAPESLAVLFNPAR	15
PPUB+1903	Proteomics_pub	1522180	1522203	+	1	NEAYVTHR	8
PPUB+1904	Proteomics_pub	1522255	1522308	+	1	TFDTPHPNSLALSADGK	18
PPUB+1905	Proteomics_pub	1522345	1522380	+	1	QQEATQPDDVIR	12
PPUB+1906	Proteomics_pub	1545785	1545820	+	2	WQQISWEEAFDR	12
PPUB+1907	Proteomics_pub	1545869	1545895	+	2	NEQGVTVNR	9
PPUB+1908	Proteomics_pub	1545971	1546006	+	2	ALGMLAVDNQAR	12
PPUB+1909	Proteomics_pub	1546088	1546150	+	2	NANLVVVMGGNAEAHPVGFR	21
PPUB+1910	Proteomics_pub	1546217	1546252	+	2	TAAVADYYAPIR	12
PPUB+1911	Proteomics_pub	1546253	1546312	+	2	SGTDIAFLSGVLLYLLNNEK	20
PPUB+1912	Proteomics_pub	1546631	1546693	+	2	TASFLYALGWTQHSVGAQNIR	21
PPUB+1913	Proteomics_pub	1547243	1547317	+	2	IQTEVFRLPSTCFEENGSIIVNSGR	25
PPUB+1914	Proteomics_pub	1547570	1547605	+	2	KGQQLSSFAQLR	12
PPUB+1915	Proteomics_pub	1547768	1547809	+	2	ASADPQGNPWPDPKR	14
PPUB+1916	Proteomics_pub	1548983	1549015	+	2	VVVGQEPACVK	11
PPUB+1917	Proteomics_pub	1554700	1554765	+	1	GKGTVSTESGVLNQQPYGFNTR	22
PPUB+1918	Proteomics_pub	1554706	1554765	+	1	GTVSTESGVLNQQPYGFNTR	20
PPUB+1919	Proteomics_pub	1554913	1554939	+	1	VDAGFAITK	9
PPUB+1920	Proteomics_pub	1554952	1555008	+	1	SEVAVPGIDASTFDGIIQK	19
PPUB+1921	Proteomics_pub	1555015	1555044	+	1	AGCPVSQVLK	10
PPUB+1922	Proteomics_pub	1625664	1625708	+	3	DELGDNLZIAQLDVR	15
PPUB+1923	Proteomics_pub	1625784	1625840	+	3	AGLTLGVDPLGGSGIEYWK	19
PPUB+1924	Proteomics_pub	1625886	1625912	+	3	AVLPGMVER	9
PPUB+1925	Proteomics_pub	1625913	1625993	+	3	NHGHIINIGSTAGSWPYAGGNVYGATK	27
PPUB+1926	Proteomics_pub	1626027	1626053	+	3	TDLHGTA VR	9
PPUB+1927	Proteomics_pub	1626054	1626107	+	3	VTDIEPLVGGTEFSNVR	18
PPUB+1928	Proteomics_pub	1627263	1627319	+	3	NAITTGSRVMVSGTGHTGK	19
PPUB+1929	Proteomics_pub	1627287	1627319	+	3	VMVSGTGHTGK	11
PPUB+1930	Proteomics_pub	1627320	1627364	+	3	ILSIDTEGLTAEQIR	15
PPUB+1931	Proteomics_pub	1627320	1627367	+	3	ILSIDTEGLTAEQIRR	16
PPUB+1932	Proteomics_pub	1627374	1627403	+	3	TVVVEGCEEK	10
PPUB+1933	Proteomics_pub	1627374	1627427	+	3	TVVVEGCEEKLA PLDLIR	18
PPUB+1934	Proteomics_pub	1654262	1654300	+	2	YVHQLDNNASVMR	13
PPUB+1935	Proteomics_pub	1654730	1654765	+	2	TPGQTLKPTAQ	12

PPUB+1936	Proteomics_pub	1676586	1676612	+	3	FNAIGEAVK	9
PPUB+1937	Proteomics_pub	1676637	1676699	+	3	EGAASFYVVDTSDFGNSGNWR	21
PPUB+1938	Proteomics_pub	1676757	1676786	+	3	VINGVVELPK	10
PPUB+1939	Proteomics_pub	1676787	1676843	+	3	DQAVLIEPFDTVTVQGFYR	19
PPUB+1940	Proteomics_pub	1676844	1676876	+	3	SQPEVNDAITK	11
PPUB+1941	Proteomics_pub	1676892	1676918	+	3	GAYSFYIVR	9
PPUB+1942	Proteomics_pub	1676919	1676951	+	3	QIDANQGGNQR	11
PPUB+1943	Proteomics_pub	1676991	1677038	+	3	IVQSPDVIPADSEAGR	16
PPUB+1944	Proteomics_pub	1677039	1677071	+	3	AALAAGGEAAK	11
PPUB+1945	Proteomics_pub	1677072	1677128	+	3	KVEIPGVATTASPSSEVGR	19
PPUB+1946	Proteomics_pub	1677162	1677191	+	3	YTVTLPDGTK	10
PPUB+1947	Proteomics_pub	1677162	1677209	+	3	YTVTLPDGTKVEELNK	16
PPUB+1948	Proteomics_pub	1677210	1677248	+	3	ATAAMMVPFDSIK	13
PPUB+1949	Proteomics_pub	1677249	1677299	+	3	FSGNYGNMTEVSYQVAK	17
PPUB+1950	Proteomics_pub	1677357	1677392	+	3	GNNLTVSADLYK	12
PPUB+1951	Proteomics_pub	1686609	1686647	+	3	LINSVQNYAWGSK	13
PPUB+1952	Proteomics_pub	1686648	1686728	+	3	TALTELYGMENPSSQPMaelWMAHPK	27
PPUB+1953	Proteomics_pub	1686741	1686776	+	3	VQNAAGDIVSLR	12
PPUB+1954	Proteomics_pub	1686777	1686827	+	3	DVIESDKSTLLGEAVAK	17
PPUB+1955	Proteomics_pub	1686831	1686857	+	3	FGELPFLFK	9
PPUB+1956	Proteomics_pub	1686858	1686905	+	3	VLCAAQPLSIQVHPNK	16
PPUB+1957	Proteomics_pub	1686906	1686932	+	3	HNSEIGFAK	9
PPUB+1958	Proteomics_pub	1686933	1686971	+	3	ENAAGIPMDAAER	13
PPUB+1959	Proteomics_pub	1687209	1687253	+	3	SALDSQQGEPWQTIR	15
PPUB+1960	Proteomics_pub	1687254	1687319	+	3	LISEFYPEDSGLFSPLLLNVVK	22
PPUB+1961	Proteomics_pub	1687440	1687475	+	3	YIDIPELVANVK	12
PPUB+1962	Proteomics_pub	1687476	1687520	+	3	FEAKPANQLLTQPVK	15
PPUB+1963	Proteomics_pub	1687662	1687736	+	3	GSQQLQLKPGESAFIAANESPVTVK	25
PPUB+1964	Proteomics_pub	1688011	1688061	+	1	LTAPESNLEVSQNYHR	17
PPUB+1965	Proteomics_pub	1688284	1688313	+	1	GETPFEINSR	10
PPUB+1966	Proteomics_pub	1688386	1688436	+	1	VAFSGGEFQLNADRDGK	17
PPUB+1967	Proteomics_pub	1688503	1688529	+	1	VQLTFNNLK	9
PPUB+1968	Proteomics_pub	1688530	1688568	+	1	TDGSSTLASFGER	13
PPUB+1969	Proteomics_pub	1688686	1688727	+	1	TINSQLDYSLNSLK	14
PPUB+1970	Proteomics_pub	1688728	1688757	+	1	VQNQDLGSGK	10
PPUB+1971	Proteomics_pub	1688887	1688928	+	1	VTEAFFSALPLMLK	14
PPUB+1972	Proteomics_pub	1688929	1688967	+	1	GDPVITIAPLSWK	13
PPUB+1973	Proteomics_pub	1688968	1689012	+	1	NSQGESALNLSLFLK	15
PPUB+1974	Proteomics_pub	1689031	1689066	+	1	EAPQTLAQEVDR	12
PPUB+1975	Proteomics_pub	1698765	1698800	+	3	ENITNLDACITR	12
PPUB+1976	Proteomics_pub	1700461	1700487	+	1	VLASLDACR	9
PPUB+1977	Proteomics_pub	1700524	1700550	+	1	HGLHYVELR	9
PPUB+1978	Proteomics_pub	1701073	1701162	+	1	ASINTDDPGVQGVDDIIHEYVAAPAAGLSR	30
PPUB+1979	Proteomics_pub	1718152	1718223	+	1	SLATAAGAVAGGVAGQGVQSAMNK	24
PPUB+1980	Proteomics_pub	1718224	1718250	+	1	TQGVELEIR	9
PPUB+1981	Proteomics_pub	1718251	1718286	+	1	KDDGNTIMVVQK	12

PPUB+1982	Proteomics_pub	1718320	1718364	+	1	VVLASNGSQVTVSPR	15
PPUB+1983	Proteomics_pub	1725004	1725075	+	1	ISHASLQPGGQAPVAPSALSAGTR	24
PPUB+1984	Proteomics_pub	1725133	1725177	+	1	ALELEEIPGIVNDFR	15
PPUB+1985	Proteomics_pub	1725283	1725315	+	1	TDQYGGSVENR	11
PPUB+1986	Proteomics_pub	1725562	1725606	+	1	FHGPIIGAGAYTVEK	15
PPUB+1987	Proteomics_pub	1725628	1725657	+	1	GLIDAVAFGR	10
PPUB+1988	Proteomics_pub	1725658	1725690	+	1	DWIANPDLVAR	11
PPUB+1989	Proteomics_pub	1725861	1725887	+	3	MRLHHTMLR	9
PPUB+1990	Proteomics_pub	1725951	1725974	+	3	TSENPEYK	8
PPUB+1991	Proteomics_pub	1726173	1726220	+	3	GGTTVIAFVEDPDGYK	16
PPUB+1992	Proteomics_pub	1733405	1733437	+	2	SFELPALPYAK	11
PPUB+1993	Proteomics_pub	1733438	1733491	+	2	DALAPHISAETIEYHYGK	18
PPUB+1994	Proteomics_pub	1733492	1733533	+	2	HHQTYVTNLNLIK	14
PPUB+1995	Proteomics_pub	1733534	1733575	+	2	GTAFEGKSLEEIIR	14
PPUB+1996	Proteomics_pub	1733576	1733677	+	2	SSEGGVFNAAQVWNHTFYWNCCLAPNAGGEPTGK	34
PPUB+1997	Proteomics_pub	1733678	1733725	+	2	VAEIAASFGSFADFK	16
PPUB+1998	Proteomics_pub	1733753	1733785	+	2	NFGSGWTWLVK	11
PPUB+1999	Proteomics_pub	1733801	1733905	+	2	LAIVSTSNAGTPLTTDATPLLTVDVWEHAYYIDYR	35
PPUB+2000	Proteomics_pub	1733906	1733968	+	2	NARPGYLEHFWALVNWEFVAK	21
PPUB+2001	Proteomics_pub	1735898	1735939	+	2	ANVSTTTVSHVINK	14
PPUB+2002	Proteomics_pub	1736132	1736176	+	2	GYTLILGNAWNLEK	15
PPUB+2003	Proteomics_pub	1736405	1736437	+	2	EIGVIPGLER	11
PPUB+2004	Proteomics_pub	1736498	1736551	+	2	VPESWIVQGDPEPESGYR	18
PPUB+2005	Proteomics_pub	1736660	1736701	+	2	VPQDVSLIGYDNVR	14
PPUB+2006	Proteomics_pub	1736711	1736749	+	2	YFTPALTTIHQPK	13
PPUB+2007	Proteomics_pub	1736750	1736791	+	2	DSLGETAFNMLLDR	14
PPUB+2008	Proteomics_pub	1739515	1739556	+	1	AGIINGSAPADIR	14
PPUB+2009	Proteomics_pub	1739788	1739823	+	1	EHYDLGNDLFSR	12
PPUB+2010	Proteomics_pub	1739866	1739901	+	1	DADNLESAQQAK	12
PPUB+2011	Proteomics_pub	1744841	1744903	+	2	VWTESEKNHEAGGIYLFTEK	21
PPUB+2012	Proteomics_pub	1744976	1745020	+	2	VFDVNEPLSQINQAK	15
PPUB+2013	Proteomics_pub	1753737	1753760	+	3	IVCTIGPK	8
PPUB+2014	Proteomics_pub	1753788	1753817	+	3	MLDAGMNVMR	10
PPUB+2015	Proteomics_pub	1753818	1753859	+	3	LNFSHGDYAEHGQR	14
PPUB+2016	Proteomics_pub	1753899	1753940	+	3	TAAILLDTKGPEIR	14
PPUB+2017	Proteomics_pub	1753941	1753979	+	3	TMKLEGGNDVSLK	13
PPUB+2018	Proteomics_pub	1753950	1753979	+	3	LEGGNDVSLK	10
PPUB+2019	Proteomics_pub	1753980	1754012	+	3	AGQFTFTTDDK	11
PPUB+2020	Proteomics_pub	1754157	1754189	+	3	VLNNGDLGENK	11
PPUB+2021	Proteomics_pub	1754190	1754240	+	3	GVNLPGVSIAPALAEK	17
PPUB+2022	Proteomics_pub	1754241	1754306	+	3	DKQDLIFGCEQGVDFVAASFIR	22
PPUB+2023	Proteomics_pub	1754346	1754381	+	3	AHGGENIHIISK	12
PPUB+2024	Proteomics_pub	1754382	1754453	+	3	IENQEGLNNFDEILEASDGIMVAR	24
PPUB+2025	Proteomics_pub	1754454	1754504	+	3	GDLGVEIPVEEVIFAQK	17
PPUB+2026	Proteomics_pub	1754535	1754579	+	3	KVVITATQMLDSMIK	15
PPUB+2027	Proteomics_pub	1754538	1754579	+	3	VVITATQMLDSMIK	14

PPUB+2028	Proteomics_pub	1754580	1754672	+	3	NRPRTAEAGDVANAILDGTDAVMLSGESAK	31
PPUB+2029	Proteomics_pub	1754598	1754672	+	3	AEAGDVANAILDGTDAVMLSGESAK	25
PPUB+2030	Proteomics_pub	1754673	1754723	+	3	GKYPLEAVSIMATICER	17
PPUB+2031	Proteomics_pub	1754748	1754771	+	3	LEFNNDNR	8
PPUB+2032	Proteomics_pub	1754748	1754774	+	3	LEFNNDNRK	9
PPUB+2033	Proteomics_pub	1754775	1754801	+	3	LRITEAVCR	9
PPUB+2034	Proteomics_pub	1754802	1754867	+	3	GAVETAEKLDAPLIVVATQGGK	22
PPUB+2035	Proteomics_pub	1754826	1754867	+	3	LDAPLIVVATQGGK	14
PPUB+2036	Proteomics_pub	1754886	1754933	+	3	KYFPDATILALTNEK	16
PPUB+2037	Proteomics_pub	1754889	1754933	+	3	YFPDATILALTNEK	15
PPUB+2038	Proteomics_pub	1754934	1754960	+	3	TAHQLVLSK	9
PPUB+2039	Proteomics_pub	1754985	1755014	+	3	EITSTDDFYR	10
PPUB+2040	Proteomics_pub	1755024	1755056	+	3	ELALQSGLAHK	11
PPUB+2041	Proteomics_pub	1755024	1755131	+	3	ELALQSGLAHKGDVVVMVSGALVPSGTTNTASVHVL	36
PPUB+2042	Proteomics_pub	1755057	1755131	+	3	GDVVVMVSGALVPSGTTNTASVHVL	25
PPUB+2043	Proteomics_pub	1755523	1755564	+	1	IDQLSSDVQTLNAK	14
PPUB+2044	Proteomics_pub	1755565	1755600	+	1	VDQLSNDVNAMR	12
PPUB+2045	Proteomics_pub	1755601	1755636	+	1	SDVQAAKDDAAR	12
PPUB+2046	Proteomics_pub	1772731	1772760	+	1	DLVIGTGAPK	10
PPUB+2047	Proteomics_pub	1773151	1773180	+	1	TPEAEEIAR	10
PPUB+2048	Proteomics_pub	1773400	1773438	+	1	ASAPGQISVNDLR	13
PPUB+2049	Proteomics_pub	1773439	1773465	+	1	TVLTIHQ	9
PPUB+2050	Proteomics_pub	1786975	1787013	+	1	ELASGLSCPVGFK	13
PPUB+2051	Proteomics_pub	1787038	1787097	+	1	VAIDAINAAGAPHFLSVTK	20
PPUB+2052	Proteomics_pub	1804481	1804531	+	2	CTAPVFEPGGGGINVAR	17
PPUB+2053	Proteomics_pub	1805015	1805044	+	2	AAQEIVNSGK	10
PPUB+2054	Proteomics_pub	1805189	1805224	+	2	LAENASLEEMVR	12
PPUB+2055	Proteomics_pub	1805225	1805272	+	2	FGVAAGSAATLNQGR	16
PPUB+2056	Proteomics_pub	1805469	1805519	+	3	HEDMYTAINELINKLER	17
PPUB+2057	Proteomics_pub	1807650	1807697	+	3	AISLVEETRPLLPGR	16
PPUB+2058	Proteomics_pub	1807800	1807832	+	3	DSFDALASAEK	11
PPUB+2059	Proteomics_pub	1820575	1820604	+	1	SYLQTYPFIK	10
PPUB+2060	Proteomics_pub	1820605	1820655	+	1	SLVLGISGGQDSTLAGK	17
PPUB+2061	Proteomics_pub	1820656	1820685	+	1	LCQMAINELR	10
PPUB+2062	Proteomics_pub	1820686	1820727	+	1	LETGNESLQFIAVR	14
PPUB+2063	Proteomics_pub	1820818	1820850	+	1	GAVLASEQALR	11
PPUB+2064	Proteomics_pub	1820851	1820883	+	1	EAGIELSDFVR	11
PPUB+2065	Proteomics_pub	1821001	1821039	+	1	YDGGTDINPLYR	13
PPUB+2066	Proteomics_pub	1821265	1821303	+	1	RRPPITVFDDFWK	13
PPUB+2067	Proteomics_pub	1830458	1830487	+	2	FVSFNINGLR	10
PPUB+2068	Proteomics_pub	1830488	1830523	+	2	ARPHQLEAVEK	12
PPUB+2069	Proteomics_pub	1830599	1830631	+	2	LGYNVFIYHGQK	11
PPUB+2070	Proteomics_pub	1830827	1830874	+	2	AQFYQNLQNYLETLEK	16
PPUB+2071	Proteomics_pub	1831052	1831078	+	2	HANPQTADR	9
PPUB+2072	Proteomics_pub	1831079	1831099	+	2	FSWFDYR	7
PPUB+2073	Proteomics_pub	1838028	1838105	+	3	LYLISHIPGADYIDTNEVESEPLWNK	26

PPUB+2074	Proteomics_pub	1840638	1840670	+	3	VQFSSAIGPYK	11
PPUB+2075	Proteomics_pub	1840683	1840715	+	3	FHPSVNLSTLK	11
PPUB+2076	Proteomics_pub	1840716	1840742	+	3	FLGFQTFK	9
PPUB+2077	Proteomics_pub	1840830	1840862	+	3	FCQALMTELYR	11
PPUB+2078	Proteomics_pub	1840917	1840949	+	3	EVGFMAGMMKK	11
PPUB+2079	Proteomics_pub	1840950	1840985	+	3	LSNNTACVFTGK	12
PPUB+2080	Proteomics_pub	1841097	1841144	+	3	VSVSGSGNVAQYAIK	16
PPUB+2081	Proteomics_pub	1841703	1841735	+	3	VADAMLAQGGVI	11
PPUB+2082	Proteomics_pub	1860798	1860830	+	3	TIKVGINGFGR	11
PPUB+2083	Proteomics_pub	1860864	1860932	+	3	RSDIEIVAINDLLDADYMLK	23
PPUB+2084	Proteomics_pub	1860867	1860932	+	3	SDIEIVAINDLLDADYMLK	22
PPUB+2085	Proteomics_pub	1860933	1860977	+	3	YDSTHGRFDGTVK	15
PPUB+2086	Proteomics_pub	1860954	1861004	+	3	FDGTVEVKDGHVINGK	17
PPUB+2087	Proteomics_pub	1860978	1861004	+	3	DGHLVINGK	9
PPUB+2088	Proteomics_pub	1860978	1861007	+	3	DGHLVINGKK	10
PPUB+2089	Proteomics_pub	1861014	1861046	+	3	VTAERDPANLK	11
PPUB+2090	Proteomics_pub	1861047	1861115	+	3	WDEVGVDVVAEATGLFLTDETAR	23
PPUB+2091	Proteomics_pub	1861047	1861118	+	3	WDEVGVDVVAEATGLFLTDETARK	24
PPUB+2092	Proteomics_pub	1861140	1861166	+	3	KVVMGTGPK	9
PPUB+2093	Proteomics_pub	1861143	1861190	+	3	VVMTGPKDNTPMFVK	16
PPUB+2094	Proteomics_pub	1861167	1861190	+	3	DNTPMFVK	8
PPUB+2095	Proteomics_pub	1861191	1861274	+	3	GANFDKYAQDIVSNASCTTNCLAPLAK	28
PPUB+2096	Proteomics_pub	1861209	1861274	+	3	YAGQDIVSNASCTTNCLAPLAK	22
PPUB+2097	Proteomics_pub	1861275	1861346	+	3	VINDNFGIIEGLMTTVHATTATQK	24
PPUB+2098	Proteomics_pub	1861347	1861370	+	3	TVDGPSHK	8
PPUB+2099	Proteomics_pub	1861347	1861379	+	3	TVDGPSHKDWR	11
PPUB+2100	Proteomics_pub	1861380	1861433	+	3	GGRGASQNIIPSSTGAAK	18
PPUB+2101	Proteomics_pub	1861389	1861433	+	3	GASQNIIPSSTGAAK	15
PPUB+2102	Proteomics_pub	1861434	1861469	+	3	AVGKVLPELNGK	12
PPUB+2103	Proteomics_pub	1861446	1861469	+	3	VLPELNGK	8
PPUB+2104	Proteomics_pub	1861446	1861490	+	3	VLPELNGKLTGMAFR	15
PPUB+2105	Proteomics_pub	1861470	1861532	+	3	LTGMAFRVPTPNVSVVDLTVR	21
PPUB+2106	Proteomics_pub	1861491	1861532	+	3	VPTPNVSVVDLTVR	14
PPUB+2107	Proteomics_pub	1861491	1861541	+	3	VPTPNVSVVDLTVRLEK	17
PPUB+2108	Proteomics_pub	1861542	1861577	+	3	AATYEQIKAQV	12
PPUB+2109	Proteomics_pub	1861683	1861715	+	3	AGIALNDNFVK	11
PPUB+2110	Proteomics_pub	1861716	1861757	+	3	LVSWYDNETGYSNK	14
PPUB+2111	Proteomics_pub	1861716	1861787	+	3	LVSWYDNETGYSNKVLDLIAHISK	24
PPUB+2112	Proteomics_pub	1861758	1861787	+	3	VLDLIAHISK	10
PPUB+2113	Proteomics_pub	1861883	1861933	+	2	KIFALPVIEQISPVLSR	17
PPUB+2114	Proteomics_pub	1861886	1861933	+	2	IFALPVIEQISPVLSR	16
PPUB+2115	Proteomics_pub	1861886	1861936	+	2	IFALPVIEQISPVLSRR	17
PPUB+2116	Proteomics_pub	1861937	1861984	+	2	KLDELTLIVVDHPQVK	16
PPUB+2117	Proteomics_pub	1861940	1861984	+	2	LDELTLIVVDHPQVK	15
PPUB+2118	Proteomics_pub	1861985	1862077	+	2	ASFALQGAHLLSWKPAGEEEVLWLSNNTPFK	31
PPUB+2119	Proteomics_pub	1862096	1862170	+	2	GGVPVCWPWFGPAAQQGLPAHGFR	25



PPUB+2120	Proteomics_pub	1862396	1862422	+	2	VSVSGLGDR	9
PPUB+2121	Proteomics_pub	1862450	1862491	+	2	ENVLTDGIQTFFPDR	14
PPUB+2122	Proteomics_pub	1862450	1862500	+	2	ENVLTDGIQTFFDRTDR	17
PPUB+2123	Proteomics_pub	1862501	1862554	+	2	VYLNPDQDCSVINDEALNR	18
PPUB+2124	Proteomics_pub	1862711	1862743	+	2	EKPAHLAQSIR	11
PPUB+2125	Proteomics_pub	1891562	1891600	+	2	SSILDATIFLADK	13
PPUB+2126	Proteomics_pub	1891625	1891666	+	2	AWDAWVVAGHAPVR	14
PPUB+2127	Proteomics_pub	1891667	1891699	+	2	CTVQAGLMNPK	11
PPUB+2128	Proteomics_pub	1894983	1895027	+	3	VGIGPSSSHTVGPMK	15
PPUB+2129	Proteomics_pub	1894983	1895027	+	3	IGIGPSSSHTVGPMK	15
PPUB+2130	Proteomics_pub	1895262	1895282	+	3	HEVDFPR	7
PPUB+2131	Proteomics_pub	1895898	1895936	+	3	YLLVASAIGSLYK	13
PPUB+2132	Proteomics_pub	1896225	1896254	+	3	VIETMYETGK	10
PPUB+2133	Proteomics_pub	1896225	1896254	+	3	VIETMYETGK	10
PPUB+2134	Proteomics_pub	1900252	1900308	+	1	GVLFLVDTWGGSPFNAASR	19
PPUB+2135	Proteomics_pub	1900480	1900512	+	1	AAPAPAAAAPK	11
PPUB+2136	Proteomics_pub	1900513	1900575	+	1	AAPTPAKPMGPNDYMVIGLAR	21
PPUB+2137	Proteomics_pub	1900588	1900614	+	1	LIHGQVATR	9
PPUB+2138	Proteomics_pub	1900642	1900686	+	1	IIVVSDEVAADTVRK	15
PPUB+2139	Proteomics_pub	1900687	1900746	+	1	TLLTQVAPPGVTAHVVDVAK	20
PPUB+2140	Proteomics_pub	1900789	1900827	+	1	VMLLFTNPTDVER	13
PPUB+2141	Proteomics_pub	1900849	1900884	+	1	ITSVNVGGMAFR	12
PPUB+2142	Proteomics_pub	1900894	1900929	+	1	TQVNNAVSVDEK	12
PPUB+2143	Proteomics_pub	1901991	1902026	+	3	SNLFQGSWNFER	12
PPUB+2144	Proteomics_pub	1902072	1902101	+	3	RLYPENNEAR	10
PPUB+2145	Proteomics_pub	1902453	1902479	+	3	DMGGGFLQK	9
PPUB+2146	Proteomics_pub	1902537	1902572	+	3	WTHVNIPLVVS	12
PPUB+2147	Proteomics_pub	1918039	1918086	+	1	GGIAFATPPGTPLAPK	16
PPUB+2148	Proteomics_pub	1923177	1923215	+	3	VNVDLAAAGVAFK	13
PPUB+2149	Proteomics_pub	1928908	1928946	+	1	TLLGTALRPAATR	13
PPUB+2150	Proteomics_pub	1928947	1928979	+	1	VMLLGSSELGK	11
PPUB+2151	Proteomics_pub	1929004	1929033	+	1	LGVEVIAVDR	10
PPUB+2152	Proteomics_pub	1929034	1929069	+	1	YADAPAMHVAHR	12
PPUB+2153	Proteomics_pub	1929262	1929303	+	1	LAAEELQLPTSTYR	14
PPUB+2154	Proteomics_pub	1929304	1929330	+	1	FADSESLFR	9
PPUB+2155	Proteomics_pub	1929331	1929393	+	1	EAVADIGYPCIVKPVMSSSGK	21
PPUB+2156	Proteomics_pub	1929412	1929441	+	1	SAEQLAQAWK	10
PPUB+2157	Proteomics_pub	1929598	1929642	+	1	ESWQPQMSPLALER	15
PPUB+2158	Proteomics_pub	1929820	1929852	+	1	AFLGLPVGGIR	11
PPUB+2159	Proteomics_pub	1929994	1930044	+	1	LGVALATAESVVDAIER	17
PPUB+2160	Proteomics_pub	1935198	1935236	+	3	DGEVIVDEHTGR	13
PPUB+2161	Proteomics_pub	1935700	1935750	+	1	IVTTLGPATDRDNNLEK	17
PPUB+2162	Proteomics_pub	1935751	1935780	+	1	VIAAGANVVR	10
PPUB+2163	Proteomics_pub	1935862	1935897	+	1	HVAIILDQLQGPK	12
PPUB+2164	Proteomics_pub	1935952	1935978	+	1	FLLDANLGK	9
PPUB+2165	Proteomics_pub	1936018	1936071	+	1	GLPADVVPGDILLDDGR	18

PPUB+2166	Proteomics_pub	1936108	1936152	+	1	VFTEVTGGPLSNNK	15
PPUB+2167	Proteomics_pub	1936165	1936203	+	1	LGGGLSAEALTEK	13
PPUB+2168	Proteomics_pub	1936165	1936209	+	1	LGGGLSAEALTEKDK	15
PPUB+2169	Proteomics_pub	1936423	1936473	+	1	GDLGVEIGDPELVGIQK	17
PPUB+2170	Proteomics_pub	1936804	1936842	+	1	GVTAIITMTESGR	13
PPUB+2171	Proteomics_pub	1936864	1936899	+	1	ISSGLPIFAMSR	12
PPUB+2172	Proteomics_pub	1936909	1936935	+	1	TLNLTALYR	9
PPUB+2173	Proteomics_pub	1940773	1940814	+	1	GAIVGIIGPNGAGK	14
PPUB+2174	Proteomics_pub	1948991	1949020	+	2	ASGQPVFLVR	10
PPUB+2175	Proteomics_pub	1950795	1950827	+	3	VAEVFPDMIQR	11
PPUB+2176	Proteomics_pub	1951044	1951082	+	3	APTPVDVIEGDIR	13
PPUB+2177	Proteomics_pub	1951173	1951220	+	3	IYQGLNPGGALVLSEK	16
PPUB+2178	Proteomics_pub	1958422	1958463	+	1	QTIVVDYSAPNVAK	14
PPUB+2179	Proteomics_pub	1958488	1958517	+	1	STIIGDAAVR	10
PPUB+2180	Proteomics_pub	1958518	1958541	+	1	TLEFLGHK	8
PPUB+2181	Proteomics_pub	1958677	1958712	+	1	KHYDEDEEFAER	12
PPUB+2182	Proteomics_pub	1958734	1958760	+	1	LQSGDEYFR	9
PPUB+2183	Proteomics_pub	1958821	1958904	+	1	LNVTLTRDDVMGESLYNPMLPGIVADLK	28
PPUB+2184	Proteomics_pub	1958971	1959003	+	1	EGEPMGVIIQK	11
PPUB+2185	Proteomics_pub	1959253	1959285	+	1	LADLLDEALER	11
PPUB+2186	Proteomics_pub	1959310	1959342	+	1	NPDMPADELEK	11
PPUB+2187	Proteomics_pub	1959343	1959375	+	1	LANAVGIGAVK	11
PPUB+2188	Proteomics_pub	1959502	1959552	+	1	KAEIDEEQLAAAPVIIR	17
PPUB+2189	Proteomics_pub	1959775	1959813	+	1	LGLDTLGIETVER	13
PPUB+2190	Proteomics_pub	1986875	1986907	+	2	HAQEEMTHMQR	11
PPUB+2191	Proteomics_pub	1986908	1986946	+	2	LFDYLTDTGNLPR	13
PPUB+2192	Proteomics_pub	1986947	1987015	+	2	INTVESPFAEYSSLDLDFQETYK	23
PPUB+2193	Proteomics_pub	1987040	1987135	+	2	INELAHAAMTNQDYPTFNFLQWYVSEQHEEEK	32
PPUB+2194	Proteomics_pub	1987178	1987207	+	2	SGEGLYFIDK	10
PPUB+2195	Proteomics_pub	1987208	1987234	+	2	ELSTLDTQN	9
PPUB+2196	Proteomics_pub	2015100	2015141	+	3	GGKVGLFGGAGVGK	14
PPUB+2197	Proteomics_pub	2032156	2032185	+	1	DGNKLDLYGK	10
PPUB+2198	Proteomics_pub	2032156	2032185	+	1	DGNKVDLYGK	10
PPUB+2199	Proteomics_pub	2032186	2032248	+	1	VDGLHYFSDNKDVDGDQTYMR	21
PPUB+2200	Proteomics_pub	2032363	2032416	+	1	VAFAGLKFDVGSFDYGR	18
PPUB+2201	Proteomics_pub	2032363	2032416	+	1	LAFAGLKYADVGSFDYGR	18
PPUB+2202	Proteomics_pub	2032848	2032895	+	3	YDANNIYLAANYGETR	16
PPUB+2203	Proteomics_pub	2032962	2033039	+	3	AQNFEAVAQYQFDFGLRPSLAYLQSK	26
PPUB+2204	Proteomics_pub	2033112	2033147	+	3	YVDVGATYYFNK	12
PPUB+2205	Proteomics_pub	2033148	2033174	+	3	NMSTYVDYK	9
PPUB+2206	Proteomics_pub	2034168	2034203	+	3	FEYWAMPHKDEK	12
PPUB+2207	Proteomics_pub	2034627	2034671	+	3	LLTGDSPPFAANALGK	15
PPUB+2208	Proteomics_pub	2039516	2039557	+	2	AANGVFDDANVQNR	14
PPUB+2209	Proteomics_pub	2039558	2039617	+	2	TLSDWDGVWQSVYPLLQSGK	20
PPUB+2210	Proteomics_pub	2039696	2039755	+	2	GYATDIEMIGIEDGIVEFHR	20
PPUB+2211	Proteomics_pub	2039837	2039869	+	2	YLFECKDPESK	11

PPUB+2212	Proteomics_pub	2039879	2039914	+	2	YIQFSDHIIAPR	12
PPUB+2213	Proteomics_pub	2053646	2053708	+	2	HYTGTPVEHFQPFVLFNYTR	21
PPUB+2214	Proteomics_pub	2054198	2054242	+	2	TGTVVTTDDRNWELR	15
PPUB+2215	Proteomics_pub	2054957	2054986	+	2	FGVEIYAAAK	10
PPUB+2216	Proteomics_pub	2054987	2055025	+	2	QGEPDPELNTSLK	13
PPUB+2217	Proteomics_pub	2055092	2055130	+	2	AKGGGDETFVQGR	13
PPUB+2218	Proteomics_pub	2055098	2055130	+	2	GGGDETFVQGR	11
PPUB+2219	Proteomics_pub	2055131	2055196	+	2	YEGFGPNGSMIIAETLSNVNR	22
PPUB+2220	Proteomics_pub	2055572	2055595	+	2	VYHNVANL	8
PPUB+2221	Proteomics_pub	2068427	2068489	+	2	GPMSSELYGSDALGGVVNIITK	21
PPUB+2222	Proteomics_pub	2068445	2068489	+	2	YGPQSVGGVVNFVTR	15
PPUB+2223	Proteomics_pub	2068445	2068489	+	2	YNGAAGGVVNIITK	15
PPUB+2224	Proteomics_pub	2088330	2088371	+	3	LIAMAENMPIDILR	14
PPUB+2225	Proteomics_pub	2088531	2088590	+	3	LSLATPVDEAWDGPLSLNGK	20
PPUB+2226	Proteomics_pub	2088657	2088695	+	3	SCLLNGSVEVAPR	13
PPUB+2227	Proteomics_pub	2088696	2088764	+	3	AGLADAICDLVSTGATLEANGLR	23
PPUB+2228	Proteomics_pub	2089062	2089103	+	3	ALGASSILVLPK	14
PPUB+2229	Proteomics_pub	2089175	2089222	+	2	QLLMRPAISASESITR	16
PPUB+2230	Proteomics_pub	2089223	2089252	+	2	TVNDILDNVK	10
PPUB+2231	Proteomics_pub	2089322	2089357	+	2	VSAEEIAAASER	12
PPUB+2232	Proteomics_pub	2089400	2089429	+	2	NIETFHTAQK	10
PPUB+2233	Proteomics_pub	2089736	2089774	+	2	IFGPGNAFVTEAK	13
PPUB+2234	Proteomics_pub	2090175	2090231	+	3	TGNRHDLAVEPPAPTDLQK	19
PPUB+2235	Proteomics_pub	2090425	2090454	+	1	STVTITDLAR	10
PPUB+2236	Proteomics_pub	2090605	2090667	+	1	AVIENYAQYAGVKPEQVLVSR	21
PPUB+2237	Proteomics_pub	2162363	2162392	+	2	LGQLLIDYLR	10
PPUB+2238	Proteomics_pub	2162588	2162644	+	2	ILGLEIGADDYITKPFNPR	19
PPUB+2239	Proteomics_pub	2163692	2163733	+	2	MFKPELLSPAGTLK	14
PPUB+2240	Proteomics_pub	2163809	2163871	+	2	NNEFNHENLQLGINEAHALGK	21
PPUB+2241	Proteomics_pub	2164076	2164102	+	2	FWQQMGLTR	9
PPUB+2242	Proteomics_pub	2164250	2164285	+	2	DPNQGCTNACR	12
PPUB+2243	Proteomics_pub	2164688	2164711	+	2	GYTEGFLR	8
PPUB+2244	Proteomics_pub	2164769	2164801	+	2	QQFVGEFTGER	11
PPUB+2245	Proteomics_pub	2164802	2164831	+	2	KGDAAVAVK	10
PPUB+2246	Proteomics_pub	2185090	2185122	+	1	YELSSFIADFK	11
PPUB+2247	Proteomics_pub	2192634	2192660	+	3	QLSELIYSR	9
PPUB+2248	Proteomics_pub	2192691	2192720	+	3	TISQLYDPEK	10
PPUB+2249	Proteomics_pub	2192847	2192879	+	3	SVVSGATPVMR	11
PPUB+2250	Proteomics_pub	2192880	2192942	+	3	DSEHFFFDLPSFSEMLQAWTR	21
PPUB+2251	Proteomics_pub	2192943	2192975	+	3	SGALQEQVANK	11
PPUB+2252	Proteomics_pub	2192976	2193023	+	3	MQEWFESGLQQWDISR	16
PPUB+2253	Proteomics_pub	2193024	2193068	+	3	DAPYFGFEIPNAPGK	15
PPUB+2254	Proteomics_pub	2193135	2193170	+	3	RGDSVSFDEYWK	12
PPUB+2255	Proteomics_pub	2193174	2193209	+	3	DSTAELYHFIGK	12
PPUB+2256	Proteomics_pub	2193351	2193392	+	3	ASTWLNHFADADSLR	14
PPUB+2257	Proteomics_pub	2193423	2193464	+	3	IDDIDLNLEDFVQR	14

PPUB+2258	Proteomics_pub	2193510	2193533	+	3	NAGFINKR	8
PPUB+2259	Proteomics_pub	2193531	2193581	+	3	RFDGVLASELADPQLYK	17
PPUB+2260	Proteomics_pub	2193582	2193629	+	3	TFTDAAEVIGEAWESR	16
PPUB+2261	Proteomics_pub	2193651	2193683	+	3	EIMALADLANR	11
PPUB+2262	Proteomics_pub	2193780	2193815	+	3	VLMTYLKPVLPK	12
PPUB+2263	Proteomics_pub	2193936	2193977	+	3	QVEALVEASKEEVK	14
PPUB+2264	Proteomics_pub	2193978	2194055	+	3	AAAAPVTGPLADDPIQETITFDDFAK	26
PPUB+2265	Proteomics_pub	2194068	2194112	+	3	VALIENAEFVEGSDK	15
PPUB+2266	Proteomics_pub	2194122	2194148	+	3	LTLDLGGEK	9
PPUB+2267	Proteomics_pub	2194122	2194151	+	3	LTLDLGGEKR	10
PPUB+2268	Proteomics_pub	2194173	2194208	+	3	SAYPDPQALIGR	12
PPUB+2269	Proteomics_pub	2194209	2194241	+	3	HTIMVANLAPR	11
PPUB+2270	Proteomics_pub	2194251	2194298	+	3	FGISEGMVMAAGPGGK	16
PPUB+2271	Proteomics_pub	2194299	2194352	+	3	DIFLLSPDAGAKPGHQVK	18
PPUB+2272	Proteomics_pub	2204659	2204697	+	1	TDWLDIAGSLIK	13
PPUB+2273	Proteomics_pub	2208250	2208285	+	1	SEQENSPAATTR	12
PPUB+2274	Proteomics_pub	2221422	2221445	+	3	SWLVDYFK	8
PPUB+2275	Proteomics_pub	2229878	2229946	+	2	FQTAFQAQLADNLQSALEPILADK	23
PPUB+2276	Proteomics_pub	2229947	2229991	+	2	YFPALLTGEQVSSLK	15
PPUB+2277	Proteomics_pub	2229992	2230060	+	2	SATGLDEDALAFALLPLAACAR	23
PPUB+2278	Proteomics_pub	2230061	2230099	+	2	TPLSNFNVGAIAR	13
PPUB+2279	Proteomics_pub	2230217	2230264	+	2	ALAAITVNYTPCGHCR	16
PPUB+2280	Proteomics_pub	2230265	2230303	+	2	QFMNELNSGLDLR	13
PPUB+2281	Proteomics_pub	2230340	2230369	+	2	DYLPDAFGPK	10
PPUB+2282	Proteomics_pub	2230490	2230519	+	2	SPSGVALECK	10
PPUB+2283	Proteomics_pub	2230616	2230642	+	2	GYDYPDIQR	9
PPUB+2284	Proteomics_pub	2230661	2230708	+	2	ADAPLIQWDATSATLK	16
PPUB+2285	Proteomics_pub	2263907	2263966	+	2	GDTAGTGGKPATLSTGAVVK	20
PPUB+2286	Proteomics_pub	2270758	2270811	+	1	WADGTPVTAQDFVYSWQR	18
PPUB+2287	Proteomics_pub	2270758	2270811	+	1	WSDGTPVTAQDFVYSWQR	18
PPUB+2288	Proteomics_pub	2275585	2275620	+	1	YPLHLSGGQQQR	12
PPUB+2289	Proteomics_pub	2280539	2280565	+	2	MFTINAEVR	9
PPUB+2290	Proteomics_pub	2280539	2280568	+	2	MFTINAEVRK	10
PPUB+2291	Proteomics_pub	2280602	2280640	+	2	AANKFPAIYGGK	13
PPUB+2292	Proteomics_pub	2280614	2280640	+	2	FPAIYGGK	9
PPUB+2293	Proteomics_pub	2280641	2280676	+	2	EAPLAIELDHDK	12
PPUB+2294	Proteomics_pub	2280641	2280697	+	2	EAPLAIELDHDKVMNMQAK	19
PPUB+2295	Proteomics_pub	2280677	2280742	+	2	VMNMQAKAEFYSEVLTIIVVDGK	22
PPUB+2296	Proteomics_pub	2280698	2280742	+	2	AEFYSEVLTIIVVDGK	15
PPUB+2297	Proteomics_pub	2280794	2280817	+	2	LQHIDFVR	8
PPUB+2298	Proteomics_pub	2280794	2280820	+	2	LQHIDFVRA	9
PPUB+2299	Proteomics_pub	2282169	2282225	+	3	YSDEQVEQLLAELLNPLEK	19
PPUB+2300	Proteomics_pub	2282313	2282339	+	3	QAIANSFAR	9
PPUB+2301	Proteomics_pub	2282340	2282369	+	3	ALQSSINEDK	10
PPUB+2302	Proteomics_pub	2282340	2282375	+	3	ALQSSINEDKAH	12
PPUB+2303	Proteomics_pub	2302050	2302097	+	3	RQVIQLTPQEDESTLK	16

PPUB+2304	Proteomics_pub	2302269	2302310	+	3	KFVTAYLGDAGMLR	14
PPUB+2305	Proteomics_pub	2302272	2302310	+	3	FVTAYLGDAGMLR	13
PPUB+2306	Proteomics_pub	2302323	2302364	+	3	LPIVVYTPDNVDVK	14
PPUB+2307	Proteomics_pub	2314199	2314258	+	2	MNNMNVIIADDHPVILFGIR	20
PPUB+2308	Proteomics_pub	2314388	2314414	+	2	YGDGITLIK	9
PPUB+2309	Proteomics_pub	2314526	2314552	+	2	QGAPTDLPK	9
PPUB+2310	Proteomics_pub	2314580	2314606	+	2	KFTPESVSR	9
PPUB+2311	Proteomics_pub	2314619	2314648	+	2	ISAGGYGDKR	10
PPUB+2312	Proteomics_pub	2314679	2314717	+	2	LFAEGFLVTEIAK	13
PPUB+2313	Proteomics_pub	2314775	2314846	+	2	LGVENDIALLNYLSSVTLSPADKD	24
PPUB+2314	Proteomics_pub	2337817	2337873	+	1	EGATVTGLDMGFEPQVAK	19
PPUB+2315	Proteomics_pub	2338018	2338074	+	1	ACAQLVKPGGDVFFSTLNR	19
PPUB+2316	Proteomics_pub	2338261	2338308	+	1	LPGVDVNYMLHTQNK	16
PPUB+2317	Proteomics_pub	2342887	2342913	+	1	MNQNLVTK	9
PPUB+2318	Proteomics_pub	2343019	2343048	+	1	SHIQFYDGIK	10
PPUB+2319	Proteomics_pub	2343049	2343078	+	1	TSDIHETIIK	10
PPUB+2320	Proteomics_pub	2343103	2343135	+	1	DAPDYQYLAAR	11
PPUB+2321	Proteomics_pub	2343163	2343210	+	1	AYGQFEPALYDHVVK	16
PPUB+2322	Proteomics_pub	2343229	2343273	+	1	YDNHLLLEDYTEEEFK	15
PPUB+2323	Proteomics_pub	2343472	2343498	+	1	FYDAVSTFK	9
PPUB+2324	Proteomics_pub	2343499	2343534	+	1	ISLPTPIMSGVR	12
PPUB+2325	Proteomics_pub	2343640	2343666	+	1	AGIGINAGR	9
PPUB+2326	Proteomics_pub	2343694	2343735	+	1	GGEAFHTGCIPFYK	14
PPUB+2327	Proteomics_pub	2343757	2343780	+	1	SCSQGGVR	8
PPUB+2328	Proteomics_pub	2343880	2343909	+	1	HMDYGVQINK	10
PPUB+2329	Proteomics_pub	2343934	2344017	+	1	GEDITLFSPSDVPGLYDAFFADQEEFER	28
PPUB+2330	Proteomics_pub	2344069	2344104	+	1	AVELFSLMMQER	12
PPUB+2331	Proteomics_pub	2344420	2344464	+	1	TLGIGVINFAYYLAK	15
PPUB+2332	Proteomics_pub	2344477	2344512	+	1	YSDGSANLTHK	12
PPUB+2333	Proteomics_pub	2344513	2344545	+	1	TFEAIQYLLK	11
PPUB+2334	Proteomics_pub	2344567	2344611	+	1	EQGACPFWNETTYAK	15
PPUB+2335	Proteomics_pub	2344612	2344638	+	1	GILPIDTYK	9
PPUB+2336	Proteomics_pub	2344612	2344641	+	1	GILPIDTYKK	10
PPUB+2337	Proteomics_pub	2345409	2345435	+	3	AYTTFSQTK	9
PPUB+2338	Proteomics_pub	2345436	2345489	+	3	NDQLKEPMFFGQPVNVAR	18
PPUB+2339	Proteomics_pub	2345580	2345618	+	3	DRIDYQALPEHEK	13
PPUB+2340	Proteomics_pub	2345586	2345618	+	3	IDYQALPEHEK	11
PPUB+2341	Proteomics_pub	2345619	2345642	+	3	HIFISNLK	8
PPUB+2342	Proteomics_pub	2345643	2345675	+	3	YQTLLDSIQGR	11
PPUB+2343	Proteomics_pub	2345790	2345852	+	3	NIVNDPSVVFDDIVTNEQIQK	21
PPUB+2344	Proteomics_pub	2346117	2346167	+	3	DEALHLTGTHMLNLLR	17
PPUB+2345	Proteomics_pub	2346261	2346284	+	3	DWADYLFRR	8
PPUB+2346	Proteomics_pub	2346354	2346392	+	3	MQAVGLDLFPQTR	13
PPUB+2347	Proteomics_pub	2411504	2411542	+	2	LVLVNLCSGSSSLK	13
PPUB+2348	Proteomics_pub	2411543	2411620	+	2	FAIIDAVNGEEYLSGLAECFHLPEAR	26
PPUB+2349	Proteomics_pub	2411648	2411764	+	2	QEAAALGAGAAHSEALNFIVNTILAQKPELSAQLTAIGHR	39

PPUB+2350	Proteomics_pub	2411786	2411833	+	2	YTSSVIDESVIQGIK	16
PPUB+2351	Proteomics_pub	2411834	2411899	+	2	DAASFAPLHNPAHLIGIEEALK	22
PPUB+2352	Proteomics_pub	2411924	2412007	+	2	NVAVFDTAHFQTMPEESYLYALPYNLYK	28
PPUB+2353	Proteomics_pub	2412023	2412076	+	2	RYGAHGTSHFYVTQEAAK	18
PPUB+2354	Proteomics_pub	2412026	2412076	+	2	YGAHGTSHFYVTQEAAK	17
PPUB+2355	Proteomics_pub	2412077	2412154	+	2	MLNKPVEELNIITCHLGNGGVSVAIR	26
PPUB+2356	Proteomics_pub	2412221	2412295	+	2	SGDIDPAIIFHLHDTLGMSVDANK	25
PPUB+2357	Proteomics_pub	2412308	2412352	+	2	ESGLLGLTEVTSDCR	15
PPUB+2358	Proteomics_pub	2412308	2412379	+	2	ESGLLGLTEVTSDCRYVEDNYATK	24
PPUB+2359	Proteomics_pub	2412353	2412379	+	2	YVEDNYATK	9
PPUB+2360	Proteomics_pub	2412392	2412418	+	2	RAMDVYCHR	9
PPUB+2361	Proteomics_pub	2412395	2412418	+	2	AMDVYCHR	8
PPUB+2362	Proteomics_pub	2412428	2412463	+	2	YIGAYTALMDGR	12
PPUB+2363	Proteomics_pub	2412464	2412517	+	2	LDVVFTGGIGENAAMVR	18
PPUB+2364	Proteomics_pub	2412518	2412571	+	2	ELSLGKLGVLGFEVDHER	18
PPUB+2365	Proteomics_pub	2412536	2412571	+	2	LGVLGFEVDHER	12
PPUB+2366	Proteomics_pub	2412536	2412586	+	2	LGVLGFEVDHERNLAAR	17
PPUB+2367	Proteomics_pub	2412596	2412682	+	2	SGFINKEGTRPAVVIPTNEELVIAQDASR	29
PPUB+2368	Proteomics_pub	2412614	2412682	+	2	EGTRPAVVIPTNEELVIAQDASR	23
PPUB+2369	Proteomics_pub	2412614	2412691	+	2	EGTRPAVVIPTNEELVIAQDASRLTA	26
PPUB+2370	Proteomics_pub	2412868	2412900	+	1	LSVFKPIAQPR	11
PPUB+2371	Proteomics_pub	2412901	2412942	+	1	TGGDAPDQTTIVR	14
PPUB+2372	Proteomics_pub	2412943	2412981	+	1	ANSSTTTAAEPLK	13
PPUB+2373	Proteomics_pub	2412982	2413020	+	1	MSYVEGLLSSNQK	13
PPUB+2374	Proteomics_pub	2413021	2413068	+	1	DVLMEEIVANYHANTK	16
PPUB+2375	Proteomics_pub	2413069	2413110	+	1	DAEVLVLEGLVPTR	14
PPUB+2376	Proteomics_pub	2413069	2413113	+	1	DAEVLVLEGLVPTRK	15
PPUB+2377	Proteomics_pub	2413111	2413152	+	1	KHQFAQSLNYEIAK	14
PPUB+2378	Proteomics_pub	2413114	2413152	+	1	HQFAQSLNYEIAK	13
PPUB+2379	Proteomics_pub	2413258	2413290	+	1	NTNITGVIVNK	11
PPUB+2380	Proteomics_pub	2413291	2413320	+	1	LNAPVDEQGR	10
PPUB+2381	Proteomics_pub	2413321	2413362	+	1	TRPDLSEIFDDSSK	14
PPUB+2382	Proteomics_pub	2413393	2413461	+	1	LQESSPLPVLGAVPWSFDLIATR	23
PPUB+2383	Proteomics_pub	2413480	2413524	+	1	HLNATIINEGDINTR	15
PPUB+2384	Proteomics_pub	2413480	2413527	+	1	HLNATIINEGDINTRR	16
PPUB+2385	Proteomics_pub	2413555	2413584	+	1	SIPHMLEHFR	10
PPUB+2386	Proteomics_pub	2413984	2414016	+	1	RVVLPEGEAR	11
PPUB+2387	Proteomics_pub	2413984	2414016	+	1	RIVLPEGDEPR	11
PPUB+2388	Proteomics_pub	2413987	2414016	+	1	IVLPEGDEPR	10
PPUB+2389	Proteomics_pub	2414050	2414097	+	1	GIATCVLLGNPAEINR	16
PPUB+2390	Proteomics_pub	2414524	2414580	+	1	VAMLSYSTGTSGAGSDVEK	19
PPUB+2391	Proteomics_pub	2414614	2414679	+	1	RPDLMIDGPLQYDAVMADVAK	22
PPUB+2392	Proteomics_pub	2414680	2414712	+	1	SKAPNSPVAGR	11
PPUB+2393	Proteomics_pub	2414686	2414712	+	1	APNSPVAGR	9
PPUB+2394	Proteomics_pub	2414713	2414763	+	1	ATVFIFPDLNTGNTTYK	17
PPUB+2395	Proteomics_pub	2414776	2414820	+	1	SADLISIGPMLQGMR	15

PPUB+2396	Proteomics_pub	2414845	2414910	+	1	GALVDDIVYTIALTAIQSAQQQ	22
PPUB+2397	Proteomics_pub	2419485	2419520	+	3	TSEDINDALNYR	12
PPUB+2398	Proteomics_pub	2419533	2419562	+	3	NIIQHVENNR	10
PPUB+2399	Proteomics_pub	2419581	2419610	+	3	LTQDVLDIAR	10
PPUB+2400	Proteomics_pub	2419668	2419706	+	3	YADSVSMTLSWQR	13
PPUB+2401	Proteomics_pub	2459448	2459498	+	3	AYSGEGAIADDAGNVSR	17
PPUB+2402	Proteomics_pub	2460318	2460353	+	3	ATSTSGDTLFQK	12
PPUB+2403	Proteomics_pub	2460429	2460473	+	3	TGIAFDDSPVPAQNR	15
PPUB+2404	Proteomics_pub	2460474	2460500	+	3	SISIPDQDR	9
PPUB+2405	Proteomics_pub	2460591	2460629	+	3	INEGPYQFESE GK	13
PPUB+2406	Proteomics_pub	2466560	2466595	+	2	WQAGADMVLAKR	12
PPUB+2407	Proteomics_pub	2477239	2477274	+	1	MNSLIAQYPLVK	12
PPUB+2408	Proteomics_pub	2477542	2477577	+	1	KDSHLPISGSIK	12
PPUB+2409	Proteomics_pub	2482164	2482196	+	3	FVGLTSDQQK	11
PPUB+2410	Proteomics_pub	2482630	2482668	+	1	VRGINADYLNLLK	13
PPUB+2411	Proteomics_pub	2484472	2484501	+	1	DLINALEVEK	10
PPUB+2412	Proteomics_pub	2512156	2512191	+	1	GLNEEQGNVVS R	12
PPUB+2413	Proteomics_pub	2529488	2529514	+	2	VSSFTSAPR	9
PPUB+2414	Proteomics_pub	2530440	2530487	+	3	IFEDNSLTIGHTPLVR	16
PPUB+2415	Proteomics_pub	2530563	2530595	+	3	IGANMIWDAEK	11
PPUB+2416	Proteomics_pub	2530596	2530682	+	3	RGVLKPGVELVEPTSGNTGIALAYVAAAR	29
PPUB+2417	Proteomics_pub	2530599	2530682	+	3	GVLKPGVELVEPTSGNTGIALAYVAAAR	28
PPUB+2418	Proteomics_pub	2530692	2530730	+	3	LTLTMPETMSIER	13
PPUB+2419	Proteomics_pub	2530746	2530784	+	3	ALGANLVLTEGAK	13
PPUB+2420	Proteomics_pub	2530809	2530841	+	3	AEEIVASNPEK	11
PPUB+2421	Proteomics_pub	2530842	2530895	+	3	YLLLQQFSNPANPEIHEK	18
PPUB+2422	Proteomics_pub	2531109	2531156	+	3	IQGIGAGFIPANLDLK	16
PPUB+2423	Proteomics_pub	2531157	2531210	+	3	LVDKVIGITNEEAISTAR	18
PPUB+2424	Proteomics_pub	2531169	2531210	+	3	VIGITNEEAISTAR	14
PPUB+2425	Proteomics_pub	2531280	2531309	+	3	LQEDESFTNK	10
PPUB+2426	Proteomics_pub	2531310	2531345	+	3	NIVVILPSSGER	12
PPUB+2427	Proteomics_pub	2531346	2531387	+	3	YLSTALFADLFTEK	14
PPUB+2428	Proteomics_pub	2531786	2531857	+	2	MFQQEVTITAPNGLHTRPAAQFVK	24
PPUB+2429	Proteomics_pub	2531867	2531905	+	2	GFTSEITVTSNGK	13
PPUB+2430	Proteomics_pub	2531933	2532001	+	2	LQTLGLTQGTVVVTISAEGEDEQK	23
PPUB+2431	Proteomics_pub	2531933	2532022	+	2	LQTLGLTQGTVVVTISAEGEDEQKAVEHLVK	30
PPUB+2432	Proteomics_pub	2532088	2532132	+	1	MISGILASPGIAFGK	15
PPUB+2433	Proteomics_pub	2532091	2532132	+	1	ISGILASPGIAFGK	14
PPUB+2434	Proteomics_pub	2532133	2532171	+	1	ALLLKEDEIVDR	13
PPUB+2435	Proteomics_pub	2532175	2532213	+	1	KISADQVDQEVER	13
PPUB+2436	Proteomics_pub	2532178	2532213	+	1	ISADQVDQEVER	12
PPUB+2437	Proteomics_pub	2532262	2532294	+	1	TKAGETFGEEK	11
PPUB+2438	Proteomics_pub	2532376	2532459	+	1	HMTADAAAHEVIEGQASALEELDDEYLK	28
PPUB+2439	Proteomics_pub	2532523	2532609	+	1	IIDLSAIQDEVILVAADLTPSETAQLNLK	29
PPUB+2440	Proteomics_pub	2532610	2532645	+	1	KVLGFITDAGGR	12
PPUB+2441	Proteomics_pub	2532613	2532645	+	1	VLGFITDAGGR	11

PPUB+2442	Proteomics_pub	2532646	2532672	+	1	TSHTSIMAR	9
PPUB+2443	Proteomics_pub	2532673	2532726	+	1	SLELPAIVGTGSVTSQVK	18
PPUB+2444	Proteomics_pub	2532727	2532801	+	1	NDDYLILDVANNQVYVNPTNEVIDK	25
PPUB+2445	Proteomics_pub	2532808	2532837	+	1	AVQEQVASEK	10
PPUB+2446	Proteomics_pub	2532808	2532852	+	1	AVQEQVASEKAELAK	15
PPUB+2447	Proteomics_pub	2532859	2532924	+	1	DLPAITLDGHQVEVCANIGTVR	22
PPUB+2448	Proteomics_pub	2532925	2532975	+	1	DVEGAERNGAEGVGLYR	17
PPUB+2449	Proteomics_pub	2532946	2532975	+	1	NGAEGVGLYR	10
PPUB+2450	Proteomics_pub	2532976	2532999	+	1	TEFLFMDR	8
PPUB+2451	Proteomics_pub	2532976	2533041	+	1	TEFLFMDRDALPTEEEQFAAYK	22
PPUB+2452	Proteomics_pub	2533000	2533041	+	1	DALPTEEEQFAAYK	14
PPUB+2453	Proteomics_pub	2533042	2533083	+	1	AVAEACGSQAVIVR	14
PPUB+2454	Proteomics_pub	2533084	2533107	+	1	TMDIGGDK	8
PPUB+2455	Proteomics_pub	2533084	2533134	+	1	TMDIGGDKELPYMNFVK	17
PPUB+2456	Proteomics_pub	2533108	2533134	+	1	ELPYMNFVK	9
PPUB+2457	Proteomics_pub	2533135	2533161	+	1	EENPFLGWR	9
PPUB+2458	Proteomics_pub	2533249	2533287	+	1	IMFPMIISVEEVR	13
PPUB+2459	Proteomics_pub	2533300	2533329	+	1	EIEIYKQELR	10
PPUB+2460	Proteomics_pub	2533483	2533545	+	1	GNDMISHLYQPMSPSVLNLIK	21
PPUB+2461	Proteomics_pub	2533546	2533578	+	1	QVIDASHAEGK	11
PPUB+2462	Proteomics_pub	2533579	2533617	+	1	WTGMCGELAGDER	13
PPUB+2463	Proteomics_pub	2533702	2533725	+	1	NTNFEDAK	8
PPUB+2464	Proteomics_pub	2533726	2533788	+	1	VLAEQALAQPTTDELMTLVNK	21
PPUB+2465	Proteomics_pub	2533904	2533990	+	2	DTGTIEIIAPLSGEIVNIEDVPDVVFAEK	29
PPUB+2466	Proteomics_pub	2533991	2534032	+	2	IVGDGIAIKPTGNK	14
PPUB+2467	Proteomics_pub	2534033	2534065	+	2	MVAPVDGTIGK	11
PPUB+2468	Proteomics_pub	2534066	2534155	+	2	IFETNHAFSIESDSGVELFVHFGIDTVELK	30
PPUB+2469	Proteomics_pub	2534195	2534248	+	2	VKVGDTVIEFDLPLEEK	18
PPUB+2470	Proteomics_pub	2534201	2534248	+	2	VGDTVIEFDLPLEEK	16
PPUB+2471	Proteomics_pub	2534255	2534299	+	2	STLTPVVISNMDEIK	15
PPUB+2472	Proteomics_pub	2534255	2534311	+	2	STLTPVVISNMDEIKELIK	19
PPUB+2473	Proteomics_pub	2534312	2534353	+	2	LSGSVTVGETPVIR	14
PPUB+2474	Proteomics_pub	2534927	2534959	+	2	SNPLGEDFDYR	11
PPUB+2475	Proteomics_pub	2557042	2557089	+	1	MLALGVYPEITLADAR	16
PPUB+2476	Proteomics_pub	2562902	2562934	+	2	IAELEAALANK	11
PPUB+2477	Proteomics_pub	2563031	2563054	+	2	EWVNPVNP	8
PPUB+2478	Proteomics_pub	2563307	2563339	+	2	LITLLPNWIDK	11
PPUB+2479	Proteomics_pub	2576712	2576759	+	3	QYTTVVADTGDIAMK	16
PPUB+2480	Proteomics_pub	2576760	2576807	+	3	HYHPQDATTPNSLLLK	16
PPUB+2481	Proteomics_pub	2576835	2576864	+	3	LIDDAVAWAK	10
PPUB+2482	Proteomics_pub	2576877	2576912	+	3	TQEQQVVAACDK	12
PPUB+2483	Proteomics_pub	2577081	2577107	+	3	LASTWEGIR	9
PPUB+2484	Proteomics_pub	2577081	2577107	+	3	LASTWQGIR	9
PPUB+2485	Proteomics_pub	2577129	2577179	+	3	EGINCNLTLFSAQAR	17
PPUB+2486	Proteomics_pub	2577129	2577179	+	3	EGINCNLTLFSAQAR	17
PPUB+2487	Proteomics_pub	2577180	2577227	+	3	ACAEAGVFLISPFVGR	16



PPUB+2488	Proteomics_pub	2577180	2577227	+	3	ACAEAGVFLISPFVGR	16
PPUB+2489	Proteomics_pub	2577228	2577251	+	3	IYDWYQAR	8
PPUB+2490	Proteomics_pub	2577327	2577368	+	3	EHGYETVVMGASFR	14
PPUB+2491	Proteomics_pub	2577408	2577434	+	3	LTIAPNLLK	9
PPUB+2492	Proteomics_pub	2577510	2577566	+	3	ITSEFLWQHNQDPMVAVDK	19
PPUB+2493	Proteomics_pub	2577724	2577780	+	1	SGHPGAPMGMDIAEVLWR	19
PPUB+2494	Proteomics_pub	2577793	2577825	+	1	HNPQNPSWADR	11
PPUB+2495	Proteomics_pub	2577793	2577831	+	1	HNPQNPSWADRDR	13
PPUB+2496	Proteomics_pub	2577943	2578047	+	1	TPGHPEVGYTAGVETTTGPLGQGIANAVGMAIAEK	35
PPUB+2497	Proteomics_pub	2578387	2578416	+	1	TIIGFGSPNK	10
PPUB+2498	Proteomics_pub	2578387	2578416	+	1	TVIGFGSPNK	10
PPUB+2499	Proteomics_pub	2578417	2578476	+	1	AGTHDSHGAPLGD AEIALTR	20
PPUB+2500	Proteomics_pub	2578495	2578545	+	1	YAPFEIPSEIYAQWDAK	17
PPUB+2501	Proteomics_pub	2578636	2578659	+	1	RMSGGLPK	8
PPUB+2502	Proteomics_pub	2578837	2578884	+	1	AINEDAAGNYIHYGVR	16
PPUB+2503	Proteomics_pub	2579104	2579166	+	1	VTPNMSTWRPCDQVESAVAWK	21
PPUB+2504	Proteomics_pub	2579182	2579214	+	1	QDGPTALILSR	11
PPUB+2505	Proteomics_pub	2579215	2579268	+	1	QNLAQQERTEEQ LANIAR	18
PPUB+2506	Proteomics_pub	2579392	2579478	+	1	VVSLPSTDIFDAQDEEYRESVLPSNVAAR	29
PPUB+2507	Proteomics_pub	2579479	2579517	+	1	VAVEAGIADYWYK	13
PPUB+2508	Proteomics_pub	2586241	2586294	+	1	AQNAQVAAGQLGGTPPVK	18
PPUB+2509	Proteomics_pub	2587144	2587167	+	1	GFFGWVFN	8
PPUB+2510	Proteomics_pub	2587234	2587287	+	1	YLLIYALIVAGMVVFLR	18
PPUB+2511	Proteomics_pub	2589368	2589442	+	2	VDGLDSELLNDFINELGWEALLNTR	25
PPUB+2512	Proteomics_pub	2589725	2589754	+	2	LQAIGFTVER	10
PPUB+2513	Proteomics_pub	2589932	2589967	+	2	GSLAAMVVAER	12
PPUB+2514	Proteomics_pub	2590676	2590720	+	2	INECVNAADLQLLAR	15
PPUB+2515	Proteomics_pub	2597931	2598008	+	3	TLSSQHYLVITALGADRP GIVNTITR	26
PPUB+2516	Proteomics_pub	2598009	2598047	+	3	HVSSCGCNIEDSR	13
PPUB+2517	Proteomics_pub	2598536	2598595	+	2	FSLPDQDGEQVNLDFQGQR	20
PPUB+2518	Proteomics_pub	2598596	2598619	+	2	VLVYFYPK	8
PPUB+2519	Proteomics_pub	2598620	2598661	+	2	AMTPGCTVQACGLR	14
PPUB+2520	Proteomics_pub	2598683	2598730	+	2	KAGVDVLGISTDKPEK	16
PPUB+2521	Proteomics_pub	2598686	2598730	+	2	AGVDVLGISTDKPEK	15
PPUB+2522	Proteomics_pub	2598752	2598826	+	2	ELLNFTLLSDEDHQVCEQFGVWGEK	25
PPUB+2523	Proteomics_pub	2598863	2598892	+	2	ISFLIDADGK	10
PPUB+2524	Proteomics_pub	2598863	2598919	+	2	ISFLIDADGKIEHVDFDFK	19
PPUB+2525	Proteomics_pub	2598920	2598958	+	2	TSNHHDVVLNWLK	13
PPUB+2526	Proteomics_pub	2615672	2615737	+	2	ENGVEPEVVLYLETPADAATLR	22
PPUB+2527	Proteomics_pub	2615876	2615911	+	2	LMERPIVVANGK	12
PPUB+2528	Proteomics_pub	2615918	2615956	+	2	IGRPPEQVLEIVG	13
PPUB+2529	Proteomics_pub	2619249	2619293	+	3	DAGVDIDAGNALVGR	15
PPUB+2530	Proteomics_pub	2619315	2619380	+	3	TRRPEVMGGLGGFGALCALPQK	22
PPUB+2531	Proteomics_pub	2619321	2619380	+	3	RPEVMGGLGGFGALCALPQK	20
PPUB+2532	Proteomics_pub	2619381	2619428	+	3	YREPVLVSGTDGVGTK	16
PPUB+2533	Proteomics_pub	2619741	2619812	+	3	VSDGDVLIALGSSGPHSNGYSLVR	24

PPUB+2534	Proteomics_pub	2619936	2619995	+	3	VDVHAIHLLTGGGFWENIPR	20
PPUB+2535	Proteomics_pub	2620107	2620163	+	3	TFNCGVGMIIALPAPEVDK	19
PPUB+2536	Proteomics_pub	2620164	2620205	+	3	ALALLNANGENAWK	14
PPUB+2537	Proteomics_pub	2620565	2620597	+	2	LLNIHPSLLPK	11
PPUB+2538	Proteomics_pub	2620715	2620759	+	2	VPVFAGDSEDDITAR	15
PPUB+2539	Proteomics_pub	2650861	2650899	+	1	VSILGGGLAGWQR	13
PPUB+2540	Proteomics_pub	2651053	2651091	+	1	FNAEVDEPRPGLR	13
PPUB+2541	Proteomics_pub	2651158	2651193	+	1	TTDELDAIFFGR	12
PPUB+2542	Proteomics_pub	2651332	2651358	+	1	ADLPVEPVK	9
PPUB+2543	Proteomics_pub	2661464	2661493	+	2	MHPMLNIAVR	10
PPUB+2544	Proteomics_pub	2661527	2661565	+	2	NYETPDAVEASQK	13
PPUB+2545	Proteomics_pub	2661566	2661598	+	2	GSNDFVTNVDK	11
PPUB+2546	Proteomics_pub	2661599	2661631	+	2	AAEAVIIDTIR	11
PPUB+2547	Proteomics_pub	2661599	2661634	+	2	AAEAVIIDTIRK	12
PPUB+2548	Proteomics_pub	2661635	2661745	+	2	SYPQHTIITEESGELEGTDQDVQWVIDPLDGTTNFIK	37
PPUB+2549	Proteomics_pub	2661749	2661781	+	2	LPHFAVSI AVR	11
PPUB+2550	Proteomics_pub	2661794	2661826	+	2	TEVAVVYDPMR	11
PPUB+2551	Proteomics_pub	2661851	2661880	+	2	GQGAQLNGYR	10
PPUB+2552	Proteomics_pub	2661902	2661943	+	2	DLDGTLATGFPFK	14
PPUB+2553	Proteomics_pub	2661902	2661949	+	2	DLDGTLATGFPFKAK	16
PPUB+2554	Proteomics_pub	2661944	2661985	+	2	AKQYATTYINIVGK	14
PPUB+2555	Proteomics_pub	2661950	2661985	+	2	QYATTYINIVGK	12
PPUB+2556	Proteomics_pub	2661986	2662012	+	2	LFNECADFR	9
PPUB+2557	Proteomics_pub	2662016	2662060	+	2	TGSAALDLAYVAAGR	15
PPUB+2558	Proteomics_pub	2662061	2662126	+	2	VDGFFEIGLRPWDFAAGELLVR	22
PPUB+2559	Proteomics_pub	2662127	2662207	+	2	EAGGIVSDFTGGHNYMLTGNIVAGNPR	27
PPUB+2560	Proteomics_pub	2662238	2662264	+	2	DELSDALKR	9
PPUB+2561	Proteomics_pub	2708682	2708714	+	3	HAVEFVASNAR	11
PPUB+2562	Proteomics_pub	2708826	2708855	+	3	ILHAADATGR	10
PPUB+2563	Proteomics_pub	2708919	2708951	+	3	SNAVDLIVSDK	11
PPUB+2564	Proteomics_pub	2709036	2709068	+	3	AVLATGGASK	11
PPUB+2565	Proteomics_pub	2709069	2709131	+	3	IYQSTTNAHINTGDGVGM AIR	21
PPUB+2566	Proteomics_pub	2709144	2709203	+	3	VANLEFNQFHPTALYHPQAR	20
PPUB+2567	Proteomics_pub	2709204	2709230	+	3	NFLLTEALR	9
PPUB+2568	Proteomics_pub	2709888	2709914	+	3	VSNLLELR	9
PPUB+2569	Proteomics_pub	2711044	2711079	+	1	DVLGMAQTGSGK	12
PPUB+2570	Proteomics_pub	2711524	2711568	+	1	LLEDPVEVSANPSTR	15
PPUB+2571	Proteomics_pub	2711812	2711847	+	1	LDILIATDVAAR	12
PPUB+2572	Proteomics_pub	2716961	2716999	+	2	NFAPIFEDVAQER	13
PPUB+2573	Proteomics_pub	2717141	2717173	+	2	APFDSWLNESL	11
PPUB+2574	Proteomics_pub	2720860	2720892	+	1	ETLLEKIASAK	11
PPUB+2575	Proteomics_pub	2721037	2721081	+	1	IGAAASNTNADWYCR	15
PPUB+2576	Proteomics_pub	2721847	2721882	+	1	WMLITGNL NPR	12
PPUB+2577	Proteomics_pub	2721892	2721951	+	1	LDLENAILIHDPQLELAPQR	20
PPUB+2578	Proteomics_pub	2734240	2734293	+	1	EEVPDNPPEIYATAQK	18
PPUB+2579	Proteomics_pub	2734315	2734350	+	1	QAITQLEALDNR	12

PPUB+2580	Proteomics_pub	2734411	2734449	+	1	NADLPLAQAAIDR	13
PPUB+2581	Proteomics_pub	2734411	2734458	+	1	NADLPLAQAAIDRFIR	16
PPUB+2582	Proteomics_pub	2734459	2734503	+	1	LNPTHPNIDYVMYMR	15
PPUB+2583	Proteomics_pub	2734504	2734563	+	1	GLTNMALDDSDALQGFFGVDR	20
PPUB+2584	Proteomics_pub	2734591	2734623	+	1	AAFSDFSKLV	11
PPUB+2585	Proteomics_pub	2734624	2734662	+	1	GYPNSQYTTDATK	13
PPUB+2586	Proteomics_pub	2734696	2734731	+	1	YEYSVAEYYTER	12
PPUB+2587	Proteomics_pub	2734732	2734758	+	1	GAWVAVVNR	9
PPUB+2588	Proteomics_pub	2734777	2734803	+	1	DYPDTQATR	9
PPUB+2589	Proteomics_pub	2734804	2734836	+	1	DALPLMENAYR	11
PPUB+2590	Proteomics_pub	2735176	2735226	+	1	MQLNITGNNVEITEALR	17
PPUB+2591	Proteomics_pub	2735200	2735226	+	1	QMEITPAIR	9
PPUB+2592	Proteomics_pub	2735263	2735304	+	1	WQTHLINPHIILSK	14
PPUB+2593	Proteomics_pub	2735305	2735373	+	1	EPQGFVADATINTPNGVLVASK	23
PPUB+2594	Proteomics_pub	2735374	2735415	+	1	HEDMYTAINELINK	14
PPUB+2595	Proteomics_pub	2735374	2735424	+	1	HEDMYTAINELINKLER	17
PPUB+2596	Proteomics_pub	2735437	2735460	+	1	LQHKGEAR	8
PPUB+2597	Proteomics_pub	2742025	2742087	+	1	IRTQGLGANPIASNSTAEGK	21
PPUB+2598	Proteomics_pub	2742031	2742087	+	1	TQGLGANPIASNSTAEGK	19
PPUB+2599	Proteomics_pub	2751702	2751761	+	3	VVYRPDINQGNILTANDVSK	20
PPUB+2600	Proteomics_pub	2751861	2751965	+	3	QQPGHEGVTQQTLLTFNSSGVLTNIDNKPALSGN	35
PPUB+2601	Proteomics_pub	2752933	2752971	+	1	AHKPGSATIALNK	13
PPUB+2602	Proteomics_pub	2753062	2753094	+	1	ANISDSYLLR	11
PPUB+2603	Proteomics_pub	2758270	2758299	+	1	NIIILQFGPNK	10
PPUB+2604	Proteomics_pub	2802873	2802896	+	3	IFGEHPQR	8
PPUB+2605	Proteomics_pub	2803083	2803118	+	3	GQVLIDGVDIK	12
PPUB+2606	Proteomics_pub	2803308	2803352	+	3	AHHYPSELSGGQQQR	15
PPUB+2607	Proteomics_pub	2803368	2803436	+	3	ALAINPDILLMDEAFSALDPLIR	23
PPUB+2608	Proteomics_pub	2803437	2803463	+	3	TEMQDELVK	9
PPUB+2609	Proteomics_pub	2803485	2803526	+	3	TIVFISHDLDEAMR	14
PPUB+2610	Proteomics_pub	2803635	2803667	+	3	GVDISQVFSK	11
PPUB+2611	Proteomics_pub	2803740	2803784	+	3	LLQDEDREYGYVIER	15
PPUB+2612	Proteomics_pub	2803794	2803826	+	3	FVGAVSIDSLK	11
PPUB+2613	Proteomics_pub	2805235	2805303	+	1	GITVNPVQSTITEETFQTLVSR	23
PPUB+2614	Proteomics_pub	2805469	2805516	+	1	EGVFNNGAAQGYLIDK	16
PPUB+2615	Proteomics_pub	2805469	2805519	+	1	EGVFNNGAAQGYLIDKK	17
PPUB+2616	Proteomics_pub	2805538	2805570	+	1	ITNIAQLKDPK	11
PPUB+2617	Proteomics_pub	2805580	2805606	+	1	LFDTNGDGK	9
PPUB+2618	Proteomics_pub	2805820	2805867	+	1	DVVWLQVPFSALPGDK	16
PPUB+2619	Proteomics_pub	2805883	2805942	+	1	LPNGANYGFPVSTMHIVANK	20
PPUB+2620	Proteomics_pub	2805976	2806044	+	1	LFAIMQLPVADINAQNAIMHDGK	23
PPUB+2621	Proteomics_pub	2806045	2806089	+	1	ASEGDIQGHVDGWIK	15
PPUB+2622	Proteomics_pub	2806090	2806143	+	1	AHQQQFDGWVNEALAAQK	18
PPUB+2623	Proteomics_pub	2808792	2808830	+	3	MDSSFTPIEQMLK	13
PPUB+2624	Proteomics_pub	2808846	2808884	+	3	HEDFPYQEILLTR	13
PPUB+2625	Proteomics_pub	2809452	2809496	+	3	SANAETQTPQQPVKK	15

PPUB+2626	Proteomics_pub	2809701	2809742	+	3	EGDVLVLTDPDAR	14
PPUB+2627	Proteomics_pub	2856798	2856851	+	3	AYTLNYTCPTFIDKPGIR	18
PPUB+2628	Proteomics_pub	2923373	2923420	+	2	SSYANHQALAGLTLGK	16
PPUB+2629	Proteomics_pub	2923421	2923474	+	2	STDYRDTYDASLLQGVPR	18
PPUB+2630	Proteomics_pub	2923652	2923681	+	2	LYLNSFNQTR	10
PPUB+2631	Proteomics_pub	2923895	2923930	+	2	VVEETLVSHLLK	12
PPUB+2632	Proteomics_pub	2924501	2924530	+	2	FENFDINVLR	10
PPUB+2633	Proteomics_pub	2924915	2924944	+	2	GAAVGHAQQR	10
PPUB+2634	Proteomics_pub	2925605	2925643	+	2	MDDLQGFVAQHR	13
PPUB+2635	Proteomics_pub	2926251	2926286	+	3	METTQTSTIASK	12
PPUB+2636	Proteomics_pub	2926488	2926547	+	3	NPGEDITEVVEEHFGIGAGK	20
PPUB+2637	Proteomics_pub	2926956	2926988	+	3	REEYGDMAEQK	11
PPUB+2638	Proteomics_pub	2927226	2927252	+	3	EGFNGMVIK	9
PPUB+2639	Proteomics_pub	2927598	2927624	+	3	MISVFDIFK	9
PPUB+2640	Proteomics_pub	2927625	2927669	+	3	VGIGPSSSHTVGPMK	15
PPUB+2641	Proteomics_pub	2927625	2927669	+	3	IGIGPSSSHTVGPMK	15
PPUB+2642	Proteomics_pub	2928264	2928296	+	3	GISTEGLVPGK	11
PPUB+2643	Proteomics_pub	2928540	2928578	+	3	YLLVASAIGSLYK	13
PPUB+2644	Proteomics_pub	2928867	2928896	+	3	VIETMYETGK	10
PPUB+2645	Proteomics_pub	2928867	2928896	+	3	VIETMYETGK	10
PPUB+2646	Proteomics_pub	2970219	2970257	+	3	IVTIQNPYSLLNR	13
PPUB+2647	Proteomics_pub	2970435	2970464	+	3	AVAAYVDIAR	10
PPUB+2648	Proteomics_pub	2970465	2970509	+	3	RHGLDPAQMALAFVR	15
PPUB+2649	Proteomics_pub	3016122	3016166	+	3	VVVLGGGDTAMDCVR	15
PPUB+2650	Proteomics_pub	3019701	3019739	+	3	EEIDDALSGLFSR	13
PPUB+2651	Proteomics_pub	3022029	3022055	+	3	AVLVPSDDK	9
PPUB+2652	Proteomics_pub	3038210	3038266	+	2	GATIVGHWPTAGYHFEASK	19
PPUB+2653	Proteomics_pub	3039383	3039451	+	2	LPLTLMTLDDWALATITGADSEK	23
PPUB+2654	Proteomics_pub	3039566	3039595	+	2	DGDGFAWIER	10
PPUB+2655	Proteomics_pub	3039608	3039634	+	2	EPQLTELKK	9
PPUB+2656	Proteomics_pub	3039653	3039679	+	2	VTIAPDDER	9
PPUB+2657	Proteomics_pub	3039680	3039712	+	2	VLLGVAGFQAR	11
PPUB+2658	Proteomics_pub	3039713	3039751	+	2	AALANLFSLEPSK	13
PPUB+2659	Proteomics_pub	3039713	3039757	+	2	AALANLFSLEPSKEK	15
PPUB+2660	Proteomics_pub	3039770	3039814	+	2	EGATLLWFEHPAER	15
PPUB+2661	Proteomics_pub	3040013	3040045	+	2	GCYTGQEMVAR	11
PPUB+2662	Proteomics_pub	3040073	3040105	+	2	ALWLLAGSASR	11
PPUB+2663	Proteomics_pub	3040106	3040138	+	2	LPEAGEDLELK	11
PPUB+2664	Proteomics_pub	3040256	3040312	+	2	VRDDANTLHIEPLPYSLEE	19
PPUB+2665	Proteomics_pub	3041780	3041830	+	2	GPSICDVLTTGGAHGVPR	17
PPUB+2666	Proteomics_pub	3041918	3041941	+	2	LFAEMGFK	8
PPUB+2667	Proteomics_pub	3041984	3042019	+	2	GDEAQPNEEGLK	12
PPUB+2668	Proteomics_pub	3042020	3042052	+	2	FYDDMFDELLK	11
PPUB+2669	Proteomics_pub	3042203	3042238	+	2	YWMTFNEINNQR	12
PPUB+2670	Proteomics_pub	3042485	3042511	+	2	YVFTDVQLR	9
PPUB+2671	Proteomics_pub	3042512	3042550	+	2	GYPSYVLNEWER	13

PPUB+2672	Proteomics_pub	3042569	3042598	+	2	MEDGDLDVLR	10
PPUB+2673	Proteomics_pub	3042653	3042718	+	2	AEGGTGDAISGFEGSVPNPYVK	22
PPUB+2674	Proteomics_pub	3042719	3042760	+	2	ASDWGWQIDPVGLR	14
PPUB+2675	Proteomics_pub	3042761	3042787	+	2	YALCELYER	9
PPUB+2676	Proteomics_pub	3042839	3042874	+	2	VEEDGSINDDYR	12
PPUB+2677	Proteomics_pub	3043031	3043060	+	2	HDDGTGDMSR	10
PPUB+2678	Proteomics_pub	3043091	3043117	+	2	EVIASNGEK	9
PPUB+2679	Proteomics_pub	3053622	3053681	+	3	QQGGFSAQPWDWAFYAEQVR	20
PPUB+2680	Proteomics_pub	3053637	3053672	+	3	SAQPVDIQIFGR	12
PPUB+2681	Proteomics_pub	3053706	3053744	+	3	DALNQAADDLNQR	13
PPUB+2682	Proteomics_pub	3080112	3080147	+	3	ATIAPANSEYAK	12
PPUB+2683	Proteomics_pub	3080496	3080537	+	3	QEAEADDYSYDLLR	14
PPUB+2684	Proteomics_pub	3080544	3080582	+	3	GISPAGLATSFEK	13
PPUB+2685	Proteomics_pub	3084737	3084781	+	2	HLFTSESVSEGHDPK	15
PPUB+2686	Proteomics_pub	3084782	3084838	+	2	IADQISDAVLDAILEQDPK	19
PPUB+2687	Proteomics_pub	3084845	3084868	+	2	VACETYVK	8
PPUB+2688	Proteomics_pub	3085022	3085054	+	2	QSPDINQGVDR	11
PPUB+2689	Proteomics_pub	3085055	3085159	+	2	ADPLEQGAGDQGLMFGYATNETDVLMPAPITYAHR	35
PPUB+2690	Proteomics_pub	3085226	3085258	+	2	SQVTFQYDDGK	11
PPUB+2691	Proteomics_pub	3085259	3085318	+	2	IVGIDAVVLSTQHSEEIDQK	20
PPUB+2692	Proteomics_pub	3085319	3085393	+	2	SLQEAVMEEIIKPILPAEWLTSATK	25
PPUB+2693	Proteomics_pub	3085394	3085417	+	2	FFINPTGR	8
PPUB+2694	Proteomics_pub	3085418	3085462	+	2	FVIGGPMGDCGLTGR	15
PPUB+2695	Proteomics_pub	3085418	3085465	+	2	FVIGGPMGDCGLTGRK	16
PPUB+2696	Proteomics_pub	3085463	3085498	+	2	KIIVDTYGGMAR	12
PPUB+2697	Proteomics_pub	3085466	3085498	+	2	IIVDTYGGMAR	11
PPUB+2698	Proteomics_pub	3085499	3085525	+	2	HGGGAFSGK	9
PPUB+2699	Proteomics_pub	3085499	3085537	+	2	HGGGAFSGKDPSK	13
PPUB+2700	Proteomics_pub	3085580	3085609	+	2	NIVAAGLADR	10
PPUB+2701	Proteomics_pub	3085688	3085720	+	2	VPSEQLTLLVR	11
PPUB+2702	Proteomics_pub	3085787	3085816	+	2	ETAAYGHFGR	10
PPUB+2703	Proteomics_pub	3089909	3089950	+	2	LGIVMDPIANINIK	14
PPUB+2704	Proteomics_pub	3089909	3089953	+	2	LGIVMDPIANINIKK	15
PPUB+2705	Proteomics_pub	3089954	3089989	+	2	DSSFAMLLAQQR	12
PPUB+2706	Proteomics_pub	3090224	3090259	+	2	GTLIVNKPQSLR	12
PPUB+2707	Proteomics_pub	3090359	3090415	+	2	HSDIILKPLDGMGGASIFR	19
PPUB+2708	Proteomics_pub	3090416	3090478	+	2	VKEGDPNLGVIAETLTHEGTR	21
PPUB+2709	Proteomics_pub	3090422	3090478	+	2	EGDPNLGVIAETLTHEGTR	19
PPUB+2710	Proteomics_pub	3090530	3090574	+	2	VLVVDGEPVPYCLAR	15
PPUB+2711	Proteomics_pub	3090575	3090598	+	2	IPQGGETR	8
PPUB+2712	Proteomics_pub	3090695	3090733	+	2	GLIFVGLDIIGDR	13
PPUB+2713	Proteomics_pub	3090734	3090772	+	2	LTEINVTSPICIR	13
PPUB+2714	Proteomics_pub	3091205	3091252	+	2	GFILHTPPSNFASSIR	16
PPUB+2715	Proteomics_pub	3091253	3091285	+	2	ISDNTVMTTSR	11
PPUB+2716	Proteomics_pub	3091472	3091519	+	2	LIGVDILTMPGVAGHA	16
PPUB+2717	Proteomics_pub	3093120	3093155	+	3	MNDIAHNLAQVR	12

PPUB+2718	Proteomics_pub	3093192	3093227	+	3	SPEITLLAVSK	12
PPUB+2719	Proteomics_pub	3093228	3093275	+	3	TKPASAIAEAIDAGQR	16
PPUB+2720	Proteomics_pub	3093276	3093314	+	3	QFGENYVQEGVDK	13
PPUB+2721	Proteomics_pub	3093603	3093644	+	3	GLMAIPAPESEYVR	14
PPUB+2722	Proteomics_pub	3093780	3093806	+	3	IGTAIFGAR	9
PPUB+2723	Proteomics_pub	3094712	3094741	+	2	VVLATGNVGK	10
PPUB+2724	Proteomics_pub	3095141	3095203	+	2	EPAGTGGFGYDPIFFVPSEGK	21
PPUB+2725	Proteomics_pub	3102124	3102150	+	1	TIFCTFLQR	9
PPUB+2726	Proteomics_pub	3102151	3102198	+	1	EAEGQDFQLYPGELGK	16
PPUB+2727	Proteomics_pub	3102223	3102249	+	1	EAWAQWQHK	9
PPUB+2728	Proteomics_pub	3102274	3102303	+	1	KLNMMNAEHR	10
PPUB+2729	Proteomics_pub	3102307	3102348	+	1	LLEQEMVNFLFEGK	14
PPUB+2730	Proteomics_pub	3153377	3153409	+	2	MNNFNLHTPTR	11
PPUB+2731	Proteomics_pub	3153470	3153502	+	2	VLITYGGGSVK	11
PPUB+2732	Proteomics_pub	3153503	3153541	+	2	KTGVLDQVLDALK	13
PPUB+2733	Proteomics_pub	3153506	3153541	+	2	TGVLDQVLDALK	12
PPUB+2734	Proteomics_pub	3153683	3153751	+	2	FIAAAAANYPENIDPWHILQTGGK	23
PPUB+2735	Proteomics_pub	3154067	3154099	+	2	ALKEPENYDVR	11
PPUB+2736	Proteomics_pub	3154076	3154099	+	2	EPENYDVR	8
PPUB+2737	Proteomics_pub	3154307	3154369	+	2	VWNITEGSDDERIDAAIAATR	21
PPUB+2738	Proteomics_pub	3156724	3156765	+	1	IDQLSSDVQTLNAK	14
PPUB+2739	Proteomics_pub	3159899	3159922	+	2	EQAGIPDR	8
PPUB+2740	Proteomics_pub	3170873	3170902	+	2	YGSGLVQGK	10
PPUB+2741	Proteomics_pub	3170906	3170956	+	2	YMLSLTWNAPMEAFTEK	17
PPUB+2742	Proteomics_pub	3171431	3171457	+	2	GDVLEMNIR	9
PPUB+2743	Proteomics_pub	3176719	3176751	+	1	NNLDNAVEQLR	11
PPUB+2744	Proteomics_pub	3176809	3176844	+	1	TDKPQPVNALLK	12
PPUB+2745	Proteomics_pub	3176917	3176997	+	1	QAQDGHLPDLTASTGISDTSYSGSK	27
PPUB+2746	Proteomics_pub	3177052	3177111	+	1	VGLSFLSLPIYQGGMVNSQVK	20
PPUB+2747	Proteomics_pub	3177112	3177165	+	1	QAQYNFVGASEQLESAHR	18
PPUB+2748	Proteomics_pub	3177187	3177237	+	1	SSFNNINASSISSINAYK	17
PPUB+2749	Proteomics_pub	3177304	3177351	+	1	TIVDVLDTATTLYNAK	16
PPUB+2750	Proteomics_pub	3177373	3177405	+	1	YNYLINQLNIK	11
PPUB+2751	Proteomics_pub	3177580	3177615	+	1	TTTNGHNPFNRN	12
PPUB+2752	Proteomics_pub	3199307	3199339	+	2	YVDELNTWVR	11
PPUB+2753	Proteomics_pub	3199511	3199537	+	2	VPDLENQVK	9
PPUB+2754	Proteomics_pub	3199553	3199585	+	2	LTNIDNTWNQR	11
PPUB+2755	Proteomics_pub	3208818	3208853	+	3	VRENPFDVALR	12
PPUB+2756	Proteomics_pub	3208824	3208853	+	3	ENEPFDVALR	10
PPUB+2757	Proteomics_pub	3208866	3208901	+	3	SCEKAGVLAEVRR	12
PPUB+2758	Proteomics_pub	3208905	3208937	+	3	REFYEKPTTER	11
PPUB+2759	Proteomics_pub	3208908	3208937	+	3	EFYEKPTTER	10
PPUB+2760	Proteomics_pub	3208908	3208940	+	3	EFYEKPTTERK	11
PPUB+2761	Proteomics_pub	3211378	3211407	+	1	EMGTVELLTR	10
PPUB+2762	Proteomics_pub	3211789	3211821	+	1	SHATAQEEILK	11
PPUB+2763	Proteomics_pub	3211861	3211890	+	1	QFDYLVNSMR	10

PPUB+2764	Proteomics_pub	3211936	3211956	+	1	LCVEQCK	7
PPUB+2765	Proteomics_pub	3212056	3212085	+	1	LHDVSEEVHR	10
PPUB+2766	Proteomics_pub	3212098	3212145	+	1	LQQIEEETGLTIEQVK	16
PPUB+2767	Proteomics_pub	3212260	3212310	+	1	GLQFLDLIQEGNIGLMK	17
PPUB+2768	Proteomics_pub	3212422	3212454	+	1	IPVHMIETINK	11
PPUB+2769	Proteomics_pub	3212473	3212526	+	1	QMLQEMGREPTPEELAER	18
PPUB+2770	Proteomics_pub	3212497	3212526	+	1	EPTPEELAER	10
PPUB+2771	Proteomics_pub	3212692	3212730	+	1	AATHDVLAGLTAR	13
PPUB+2772	Proteomics_pub	3215335	3215370	+	1	VNQSDISDAQIK	12
PPUB+2773	Proteomics_pub	3247400	3247429	+	2	SKEHTTEHLR	10
PPUB+2774	Proteomics_pub	3247442	3247489	+	2	SLSDTLEEVLSSSGEK	16
PPUB+2775	Proteomics_pub	3247556	3247585	+	2	LGETGDIAIK	10
PPUB+2776	Proteomics_pub	3277305	3277376	+	3	IHLDASMSCAGDPIPLAPETVAER	24
PPUB+2777	Proteomics_pub	3277788	3277817	+	3	VGPALTFALR	10
PPUB+2778	Proteomics_pub	3281822	3281848	+	2	RTIELGVTK	9
PPUB+2779	Proteomics_pub	3291608	3291634	+	2	INWQLLAIR	9
PPUB+2780	Proteomics_pub	3291761	3291793	+	2	DFAGAQNLLAK	11
PPUB+2781	Proteomics_pub	3291794	3291832	+	2	ITPADLEQNQQAR	13
PPUB+2782	Proteomics_pub	3291848	3291889	+	2	IDASQGRPSIDLLR	14
PPUB+2783	Proteomics_pub	3291890	3291925	+	2	ALIAQEPLLGAK	12
PPUB+2784	Proteomics_pub	3292244	3292273	+	2	TIQQGFEEAK	10
PPUB+2785	Proteomics_pub	3292613	3292669	+	2	SNTPLNLVLANQPENIENR	19
PPUB+2786	Proteomics_pub	3292826	3292855	+	2	LGGGTVLQVK	10
PPUB+2787	Proteomics_pub	3293135	3293167	+	2	SAQGTAGPDFR	11
PPUB+2788	Proteomics_pub	3294548	3294589	+	2	SVGTQVDDGTLEVR	14
PPUB+2789	Proteomics_pub	3294638	3294664	+	2	INVTAYQGK	9
PPUB+2790	Proteomics_pub	3294665	3294709	+	2	VLLVGQSPNAELSAR	15
PPUB+2791	Proteomics_pub	3294767	3294823	+	2	QQQPIGLGEASNDTWITTK	19
PPUB+2792	Proteomics_pub	3316836	3316865	+	3	AMEYGAENAR	10
PPUB+2793	Proteomics_pub	3316980	3317015	+	3	AVTGTMLVAAMK	12
PPUB+2794	Proteomics_pub	3317226	3317273	+	3	AYSTDSNMLGATHEAK	16
PPUB+2795	Proteomics_pub	3317274	3317303	+	3	DLEYLNSSVK	10
PPUB+2796	Proteomics_pub	3317352	3317378	+	3	IPAEVTVR	9
PPUB+2797	Proteomics_pub	3317415	3317456	+	3	TFSDDVEMMLEANR	14
PPUB+2798	Proteomics_pub	3317469	3317504	+	3	HGLGMSDQIENR	12
PPUB+2799	Proteomics_pub	3317664	3317693	+	3	WFDSQALMLR	10
PPUB+2800	Proteomics_pub	3317832	3317861	+	3	GDSVFSPDDR	10
PPUB+2801	Proteomics_pub	3317931	3317993	+	3	TGLSSSAASGVPQVENLENK	21
PPUB+2802	Proteomics_pub	3326016	3326051	+	3	ETGACNVQVIGK	12
PPUB+2803	Proteomics_pub	3326052	3326078	+	3	TLVLYRPTK	9
PPUB+2804	Proteomics_pub	3332086	3332121	+	1	AFQMMTSLGSLK	12
PPUB+2805	Proteomics_pub	3332335	3332406	+	1	YLGTAFLQIDDDLLDYNADGEQLGK	24
PPUB+2806	Proteomics_pub	3340304	3340360	+	2	AGASLATCYGPVSADVIAK	19
PPUB+2807	Proteomics_pub	3340601	3340630	+	2	LIAFSDLLEK	10
PPUB+2808	Proteomics_pub	3340700	3340750	+	2	VGLSVAVADAHPLLIPTK	17
PPUB+2809	Proteomics_pub	3342050	3342091	+	2	GAIVGIIPNGAGK	14

PPUB+2810	Proteomics_pub	3342518	3342559	+	2	DSGLGVLITDHNVR	14
PPUB+2811	Proteomics_pub	3342662	3342688	+	2	VYLGEDFRL	9
PPUB+2812	Proteomics_pub	3344195	3344245	+	2	MQLNITGNNVEITEALR	17
PPUB+2813	Proteomics_pub	3344687	3344722	+	2	RALEIISELAAK	12
PPUB+2814	Proteomics_pub	3344690	3344722	+	2	ALEIISELAAK	11
PPUB+2815	Proteomics_pub	3344723	3344770	+	2	QLSLPPQVVFEAILTR	16
PPUB+2816	Proteomics_pub	3345023	3345088	+	2	AAQSDEELYQIITDEGTPDEA	22
PPUB+2817	Proteomics_pub	3352897	3352938	+	1	TGDGCGLLLQKPDR	14
PPUB+2818	Proteomics_pub	3352897	3352947	+	1	TGDGCGLLLQKPDRFFR	17
PPUB+2819	Proteomics_pub	3352984	3353016	+	1	NYAVGMLFLNK	11
PPUB+2820	Proteomics_pub	3353071	3353097	+	1	ETLSIVGWR	9
PPUB+2821	Proteomics_pub	3353155	3353199	+	1	IEQIFVNAPAGWRPR	15
PPUB+2822	Proteomics_pub	3353308	3353337	+	1	GLCMPTDLPR	10
PPUB+2823	Proteomics_pub	3353338	3353364	+	1	FYLDLADLR	9
PPUB+2824	Proteomics_pub	3353365	3353397	+	1	LESAICLFHQK	11
PPUB+2825	Proteomics_pub	3353398	3353421	+	1	FSTNTVPR	8
PPUB+2826	Proteomics_pub	3353422	3353445	+	1	WPLAQPFR	8
PPUB+2827	Proteomics_pub	3353446	3353490	+	1	YLAHNGEINTITGNR	15
PPUB+2828	Proteomics_pub	3353653	3353706	+	1	LLVPPAWQNNPDMPELR	18
PPUB+2829	Proteomics_pub	3353782	3353805	+	1	FAACNLDR	8
PPUB+2830	Proteomics_pub	3353917	3353952	+	1	VGPGLMVIDTR	12
PPUB+2831	Proteomics_pub	3353962	3353997	+	1	ILHSAETDDDLK	12
PPUB+2832	Proteomics_pub	3354088	3354123	+	1	ELDDDTLASYQK	12
PPUB+2833	Proteomics_pub	3354124	3354165	+	1	QFNYSAEELDSVIR	14
PPUB+2834	Proteomics_pub	3354313	3354351	+	1	EAHVMSLATSIGR	13
PPUB+2835	Proteomics_pub	3354406	3354435	+	1	SPILLYSDFK	10
PPUB+2836	Proteomics_pub	3354529	3354552	+	1	ELCDKAEK	8
PPUB+2837	Proteomics_pub	3354562	3354594	+	1	SGTVLLVLSDR	11
PPUB+2838	Proteomics_pub	3354607	3354657	+	1	DRLPVPAPMAVGAIQTR	17
PPUB+2839	Proteomics_pub	3354679	3354717	+	1	CDANIIIVETASAR	13
PPUB+2840	Proteomics_pub	3354799	3354825	+	1	LVDTHAIK	9
PPUB+2841	Proteomics_pub	3354895	3354924	+	1	MGISTIASYR	10
PPUB+2842	Proteomics_pub	3355000	3355053	+	1	IGGASFEDFQQDLLNLSK	18
PPUB+2843	Proteomics_pub	3355072	3355101	+	1	KPISQGGLLK	10
PPUB+2844	Proteomics_pub	3355150	3355206	+	1	TLQQAVQSGEYSYQYAK	19
PPUB+2845	Proteomics_pub	3355489	3355539	+	1	FGVTPAYLVNADVQIK	17
PPUB+2846	Proteomics_pub	3355540	3355590	+	1	VAQGAKPGEQQLPQDK	17
PPUB+2847	Proteomics_pub	3355744	3355791	+	1	LVSEPGVGTIATGVAK	16
PPUB+2848	Proteomics_pub	3355792	3355863	+	1	AYADLITIAGYDGGTGASPLSSVK	24
PPUB+2849	Proteomics_pub	3356065	3356115	+	1	ICHLNNCATGVATQDDK	17
PPUB+2850	Proteomics_pub	3356152	3356181	+	1	VTNYFEFIAR	10
PPUB+2851	Proteomics_pub	3356191	3356220	+	1	ELMAQLGVTR	10
PPUB+2852	Proteomics_pub	3356305	3356337	+	1	LLETAEPHPGK	11
PPUB+2853	Proteomics_pub	3356440	3356460	+	1	TFWFDIR	7
PPUB+2854	Proteomics_pub	3356473	3356547	+	1	SVGASLSGYIAQTHGDQGLAADPIK	25
PPUB+2855	Proteomics_pub	3356647	3356700	+	1	GMAGGLIAIRPPVGSFR	18



PPUB+2856	Proteomics_pub	3356701	3356757	+	1	SHEASIIGNTCLYGATGGR	19
PPUB+2857	Proteomics_pub	3357031	3357072	+	1	GLITEHVQHTGSQR	14
PPUB+2858	Proteomics_pub	3357073	3357114	+	1	GEEILANWSTFATK	14
PPUB+2859	Proteomics_pub	3357223	3357258	+	1	SQNVYQFIDLQR	12
PPUB+2860	Proteomics_pub	3357292	3357342	+	1	KIEFVEIYEPFSEGQAK	17
PPUB+2861	Proteomics_pub	3357448	3357507	+	1	IFEAAELSHQTNTLPEVCGR	20
PPUB+2862	Proteomics_pub	3357607	3357648	+	1	AFEMGWRPDMSGVK	14
PPUB+2863	Proteomics_pub	3357958	3358026	+	1	GLENEDADGVYAALPFLIANTK	23
PPUB+2864	Proteomics_pub	3358054	3358083	+	1	DEPFVSMEGK	10
PPUB+2865	Proteomics_pub	3358087	3358131	+	1	VVVLGGGDTAMDCVR	15
PPUB+2866	Proteomics_pub	3358156	3358176	+	1	HVTCAYR	7
PPUB+2867	Proteomics_pub	3358180	3358206	+	1	DEENMPGSR	9
PPUB+2868	Proteomics_pub	3358453	3358482	+	1	HSVELDSQGR	10
PPUB+2869	Proteomics_pub	3358483	3358533	+	1	IIAPEGSDNAFQTSNPK	17
PPUB+2870	Proteomics_pub	3358534	3358560	+	1	IFAGGDIVR	9
PPUB+2871	Proteomics_pub	3358561	3358599	+	1	GSDLVVTAIAEGR	13
PPUB+2872	Proteomics_pub	3379068	3379112	+	3	GYVLTNNHVINQAQK	15
PPUB+2873	Proteomics_pub	3379254	3379337	+	3	VGDYTVAIIGNPFGLGETVTSGIVSALGR	28
PPUB+2874	Proteomics_pub	3379338	3379397	+	3	SGLNAENYENFIQTDAAINR	20
PPUB+2875	Proteomics_pub	3379521	3379559	+	3	TLAQLIDFGEIK	13
PPUB+2876	Proteomics_pub	3379560	3379610	+	3	RGELGIMGTELNSELAK	17
PPUB+2877	Proteomics_pub	3379635	3379679	+	3	GAFVSQVLPNSSAAK	15
PPUB+2878	Proteomics_pub	3379635	3379679	+	3	GAFVSEVLPGSGSAK	15
PPUB+2879	Proteomics_pub	3379692	3379751	+	3	AGDVITSLNGKPISSFAALR	20
PPUB+2880	Proteomics_pub	3380486	3380530	+	2	GYVLTNNHVINQAQK	15
PPUB+2881	Proteomics_pub	3380672	3380755	+	2	VGDYTVAIIGNPFGLGETVTSGIVSALGR	28
PPUB+2882	Proteomics_pub	3397425	3397463	+	3	YADSVSMTLSWQR	13
PPUB+2883	Proteomics_pub	3402013	3402045	+	1	LGYQVVAVSGR	11
PPUB+2884	Proteomics_pub	3402349	3402393	+	1	LVADLPESFYTQAAK	15
PPUB+2885	Proteomics_pub	3403482	3403550	+	3	LIELVEESGISELEISEGEESVR	23
PPUB+2886	Proteomics_pub	3403710	3403736	+	3	SPMVGTfYR	9
PPUB+2887	Proteomics_pub	3403866	3403925	+	3	AILVESGQPVEFDEPLVIE	20
PPUB+2888	Proteomics_pub	3404020	3404049	+	1	TVAVHSSADR	10
PPUB+2889	Proteomics_pub	3404020	3404058	+	1	TVAVHSSADRDLK	13
PPUB+2890	Proteomics_pub	3404059	3404112	+	1	HVLLADETVICIGPAPSVK	18
PPUB+2891	Proteomics_pub	3404230	3404256	+	1	SGFIFIGPK	9
PPUB+2892	Proteomics_pub	3404230	3404271	+	1	SGFIFIGPKAETIR	14
PPUB+2893	Proteomics_pub	3404314	3404370	+	1	AGVPCVPGSDGPLGDDMDK	19
PPUB+2894	Proteomics_pub	3404389	3404415	+	1	RIGYPVIIK	9
PPUB+2895	Proteomics_pub	3404458	3404496	+	1	GDAELAQSISMTR	13
PPUB+2896	Proteomics_pub	3404509	3404544	+	1	AAFSNDMVYMEK	12
PPUB+2897	Proteomics_pub	3404563	3404622	+	1	HVEIQVLADGQGNAIYLAER	20
PPUB+2898	Proteomics_pub	3404653	3404697	+	1	VVEEAPAPGITPELR	15
PPUB+2899	Proteomics_pub	3404653	3404700	+	1	VVEEAPAPGITPELRR	16
PPUB+2900	Proteomics_pub	3404725	3404748	+	1	ACVDIGYR	8
PPUB+2901	Proteomics_pub	3404815	3404868	+	1	IQVEHPVTEMITGVDLIK	18

PPUB+2902	Proteomics_pub	3404881	3404910	+	1	IAAGQPLSIK	10
PPUB+2903	Proteomics_pub	3404881	3404931	+	1	IAAGQPLSIKQEEVHVR	17
PPUB+2904	Proteomics_pub	3404953	3404997	+	1	INAEDPNTFLPSPGK	15
PPUB+2905	Proteomics_pub	3405007	3405036	+	1	FHAPGGFGVR	10
PPUB+2906	Proteomics_pub	3405100	3405123	+	1	LICYGENR	8
PPUB+2907	Proteomics_pub	3405148	3405183	+	1	NALQELIIDGIK	12
PPUB+2908	Proteomics_pub	3405208	3405264	+	1	IMNDENFQHGGTNIHYLEK	19
PPUB+2909	Proteomics_pub	3407350	3407382	+	1	IEQLEDKDWER	11
PPUB+2910	Proteomics_pub	3407641	3407685	+	1	AIGIDIDPQAIQASR	15
PPUB+2911	Proteomics_pub	3409308	3409376	+	3	VNSDVLTVSTVNSQDQVTQKPLR	23
PPUB+2912	Proteomics_pub	3409308	3409388	+	3	VNSDVLTVSTVNSQDQVTQKPLRDSVK	27
PPUB+2913	Proteomics_pub	3409401	3409505	+	3	NYFAQLNGQDVNDLYELVLAEEVQPLLDMMVMQYTR	35
PPUB+2914	Proteomics_pub	3409521	3409559	+	3	AALMMGINRGTLR	13
PPUB+2915	Proteomics_pub	3412021	3412059	+	1	TEPLQITTELPGR	13
PPUB+2916	Proteomics_pub	3412129	3412209	+	1	EGSDIEAGVSLYQIDPATYQATYDSAK	27
PPUB+2917	Proteomics_pub	3412765	3412827	+	1	ARLEEGLNPAILVPQQGVTR	21
PPUB+2918	Proteomics_pub	3412771	3412827	+	1	LEEGLNPAILVPQQGVTR	19
PPUB+2919	Proteomics_pub	3413733	3413771	+	3	GQQLNASIIAQTR	13
PPUB+2920	Proteomics_pub	3413931	3413975	+	3	LATGANALDTAAAIR	15
PPUB+2921	Proteomics_pub	3413991	3414020	+	3	MEPFFPSGLK	10
PPUB+2922	Proteomics_pub	3414672	3414725	+	3	YLLIYALIVAGMVLFLR	18
PPUB+2923	Proteomics_pub	3415917	3415958	+	3	EGKGVVEATLMAVR	14
PPUB+2924	Proteomics_pub	3420878	3420922	+	2	AHHYPSELSSGGQQQR	15
PPUB+2925	Proteomics_pub	3420887	3420922	+	2	YPLHLSSGGQQQR	12
PPUB+2926	Proteomics_pub	3431715	3431750	+	3	SVLQVLHIPDER	12
PPUB+2927	Proteomics_pub	3431757	3431801	+	3	KVAKPVEEVNAEIQR	15
PPUB+2928	Proteomics_pub	3431760	3431801	+	3	VAKPVEEVNAEIQR	14
PPUB+2929	Proteomics_pub	3431922	3431954	+	3	LVLINPELLEK	11
PPUB+2930	Proteomics_pub	3431955	3432005	+	3	SGETGIEEGCLSIPEQR	17
PPUB+2931	Proteomics_pub	3432135	3432164	+	3	LFMDYLSPLK	10
PPUB+2932	Proteomics_pub	3432254	3432289	+	2	IIFAGTPDFAAR	12
PPUB+2933	Proteomics_pub	3432290	3432364	+	2	HLDALLSSGHNVVGVFTQPDRPAGR	25
PPUB+2934	Proteomics_pub	3432548	3432586	+	2	LGCINVHGSLLPR	13
PPUB+2935	Proteomics_pub	3432698	3432748	+	2	LSCPITAEDTSGTLYDK	17
PPUB+2936	Proteomics_pub	3432749	3432790	+	2	LAELGPQGLITTLK	14
PPUB+2937	Proteomics_pub	3432791	3432856	+	2	QLADGTAKPEVQDETLVTYAEK	22
PPUB+2938	Proteomics_pub	3432878	3432913	+	2	IDWSLSAAQLER	12
PPUB+2939	Proteomics_pub	3432986	3433045	+	2	ASVIDTATNAAPGTILEANK	20
PPUB+2940	Proteomics_pub	3433046	3433111	+	2	QGIVQVATGDGILNLLSLQPAGK	22
PPUB+2941	Proteomics_pub	3433115	3433147	+	2	AMSAQDLLNSR	11
PPUB+2942	Proteomics_pub	3433151	3433174	+	2	EWFPVGNR	8
PPUB+2943	Proteomics_pub	3433784	3433822	+	2	DSWLALLDEAGMK	13
PPUB+2944	Proteomics_pub	3434456	3434503	+	2	QNLPGAEEGDGFFYAK	16
PPUB+2945	Proteomics_pub	3479695	3479775	+	1	AASLLHGLGFSNEQLERPVSDFSGGWR	27
PPUB+2946	Proteomics_pub	3479881	3479928	+	1	FLHDFEGTVVAITHDR	16
PPUB+2947	Proteomics_pub	3480511	3480537	+	1	LAPQELEQK	9

PPUB+2948	Proteomics_pub	3480712	3480771	+	1	ALENALLEFPGCAMVISHDR	20
PPUB+2949	Proteomics_pub	3484223	3484249	+	2	STLIHQGEK	9
PPUB+2950	Proteomics_pub	3484250	3484276	+	2	AETLYYIVK	9
PPUB+2951	Proteomics_pub	3484277	3484315	+	2	GSVAVLIKDEEGK	13
PPUB+2952	Proteomics_pub	3484412	3484444	+	2	TACEVAEISYK	11
PPUB+2953	Proteomics_pub	3484412	3484447	+	2	TACEVAEISYKK	12
PPUB+2954	Proteomics_pub	3484448	3484489	+	2	FRQLIQVNPDIILMR	14
PPUB+2955	Proteomics_pub	3484454	3484489	+	2	QLIQVNPDIILMR	12
PPUB+2956	Proteomics_pub	3484535	3484570	+	2	VGNLAFLDVTGR	12
PPUB+2957	Proteomics_pub	3484571	3484600	+	2	IAQTLNLAK	10
PPUB+2958	Proteomics_pub	3484652	3484684	+	2	QEIGQIVGCSR	11
PPUB+2959	Proteomics_pub	3484709	3484747	+	2	MLEDQNLISAHGK	13
PPUB+2960	Proteomics_pub	3521133	3521159	+	3	AFIATEDSR	9
PPUB+2961	Proteomics_pub	3522249	3522275	+	3	FN RATQALR	9
PPUB+2962	Proteomics_pub	3527823	3527849	+	3	YLFENFAVR	9
PPUB+2963	Proteomics_pub	3527922	3527975	+	3	NVLAELLVATSLLTATLK	18
PPUB+2964	Proteomics_pub	3528075	3528110	+	3	VQGEIPENADLK	12
PPUB+2965	Proteomics_pub	3528111	3528167	+	3	TLVGNQYVVITITPSEGER	19
PPUB+2966	Proteomics_pub	3528384	3528428	+	3	TEELLTLPANEVLWR	15
PPUB+2967	Proteomics_pub	3528429	3528482	+	3	LYHEEEVTVYDPQDVEFK	18
PPUB+2968	Proteomics_pub	3528639	3528671	+	3	NNASPADPQVH	11
PPUB+2969	Proteomics_pub	3530978	3531034	+	2	GVLTNLGA VAVDTGIFTGR	19
PPUB+2970	Proteomics_pub	3531077	3531100	+	2	DTFWWADK	8
PPUB+2971	Proteomics_pub	3531107	3531157	+	2	GKNDNKPLSPETWQH LK	17
PPUB+2972	Proteomics_pub	3531113	3531157	+	2	NDNKPLSPETWQH LK	15
PPUB+2973	Proteomics_pub	3531188	3531235	+	2	RLFVVDAFCGANPDTR	16
PPUB+2974	Proteomics_pub	3531191	3531235	+	2	LFVVDAFCGANPDTR	15
PPUB+2975	Proteomics_pub	3531248	3531286	+	2	FITEVAWQAHFVK	13
PPUB+2976	Proteomics_pub	3531383	3531433	+	2	EQGLNSEN FVAFNLTER	17
PPUB+2977	Proteomics_pub	3531434	3531475	+	2	MQLIGGTWYGGEMK	14
PPUB+2978	Proteomics_pub	3531518	3531559	+	2	GIASMHC SANVGEK	14
PPUB+2979	Proteomics_pub	3531722	3531754	+	2	EAEPEIYN AIR	11
PPUB+2980	Proteomics_pub	3531722	3531757	+	2	EAEPEIYN AIRR	12
PPUB+2981	Proteomics_pub	3531758	3531787	+	2	DALLENVTVR	10
PPUB+2982	Proteomics_pub	3531788	3531823	+	2	EDGTIDFDDGSK	12
PPUB+2983	Proteomics_pub	3531908	3531958	+	2	VIFLTADAFGVLPPVSR	17
PPUB+2984	Proteomics_pub	3531959	3532009	+	2	LTADQTQYHFLSGFTAK	17
PPUB+2985	Proteomics_pub	3532028	3532120	+	2	GITEPTPTFSACFGAAFLSLHPTQYAEVLVK	31
PPUB+2986	Proteomics_pub	3532121	3532183	+	2	RMQAAGAQA YLVNTGWNGTGK	21
PPUB+2987	Proteomics_pub	3532331	3532366	+	2	NTYASPEQWQEK	12
PPUB+2988	Proteomics_pub	3532385	3532408	+	2	LFIDNFDK	8
PPUB+2989	Proteomics_pub	3532409	3532456	+	2	YTDTPAGAALVAAGPK	16
PPUB+2990	Proteomics_pub	3532409	3532459	+	2	YTDTPAGAALVAAGPKL	17
PPUB+2991	Proteomics_pub	3535431	3535484	+	3	IIAGEIQARPEQVDA AVR	18
PPUB+2992	Proteomics_pub	3535485	3535523	+	3	LLDEGNTVPFIAR	13
PPUB+2993	Proteomics_pub	3535533	3535568	+	3	EITGGLLDDTQLR	12

PPUB+2994	Proteomics_pub	3535698	3535736	+	3	TELEDLYLPYKPK	13
PPUB+2995	Proteomics_pub	3535914	3535943	+	3	FAEDAALLAK	10
PPUB+2996	Proteomics_pub	3535914	3535949	+	3	FAEDAALLAKVR	12
PPUB+2997	Proteomics_pub	3535965	3536018	+	3	NAHLVSTVVSGKEEGAK	18
PPUB+2998	Proteomics_pub	3536091	3536156	+	3	GRNEGLVQLSLNADPQFDEPPK	22
PPUB+2999	Proteomics_pub	3536202	3536231	+	3	LNNAPADSWR	10
PPUB+3000	Proteomics_pub	3536346	3536387	+	3	NLHDLLMAAPAGLR	14
PPUB+3001	Proteomics_pub	3536457	3536504	+	3	LVATDTIYPHTGQAAK	16
PPUB+3002	Proteomics_pub	3536796	3536849	+	3	SIGVGQYQHDVSTQLAR	18
PPUB+3003	Proteomics_pub	3537042	3537071	+	3	AFEQCAGFLR	10
PPUB+3004	Proteomics_pub	3537072	3537140	+	3	INHGDNPLDASTVHPEAYPVVER	23
PPUB+3005	Proteomics_pub	3537384	3537464	+	3	NLTDYGAFFVDLGGVDGLLHITDMAWKR	27
PPUB+3006	Proteomics_pub	3537567	3537599	+	3	LDEQPGETNAR	11
PPUB+3007	Proteomics_pub	3538477	3538509	+	1	TTLFNQLTGSR	11
PPUB+3008	Proteomics_pub	3539665	3539688	+	1	TLDAPRER	8
PPUB+3009	Proteomics_pub	3543655	3543687	+	1	ISDAAQAHFAC	11
PPUB+3010	Proteomics_pub	3543688	3543723	+	1	LLANQEEGTQIR	12
PPUB+3011	Proteomics_pub	3543724	3543816	+	1	VFVINPGTPNAECGVSYPDAVEATDTALK	31
PPUB+3012	Proteomics_pub	3543943	3543975	+	1	KVADDAPLMER	11
PPUB+3013	Proteomics_pub	3543946	3543975	+	1	VADDAPLMER	10
PPUB+3014	Proteomics_pub	3543976	3544032	+	1	VEYMLQSQINPQLAGHGGR	19
PPUB+3015	Proteomics_pub	3544141	3544170	+	1	QLLNEFPKELK	10
PPUB+3016	Proteomics_pub	3545298	3545324	+	3	AIAEMILPK	9
PPUB+3017	Proteomics_pub	3560198	3560221	+	2	YLEHYEFR	8
PPUB+3018	Proteomics_pub	3560486	3560518	+	2	LVLANAQMVVR	11
PPUB+3019	Proteomics_pub	3560636	3560668	+	2	GLVNATGPWVK	11
PPUB+3020	Proteomics_pub	3560765	3560797	+	2	QAYILQNEDEK	11
PPUB+3021	Proteomics_pub	3561068	3561097	+	2	APLLSVFSGGK	10
PPUB+3022	Proteomics_pub	3561182	3561238	+	2	ESVLPGGAIEGDRDDYAAR	19
PPUB+3023	Proteomics_pub	3608125	3608169	+	1	LSFSLPADMTDQSGK	15
PPUB+3024	Proteomics_pub	3608170	3608223	+	1	LGTQANMHVWSDATGQK	18
PPUB+3025	Proteomics_pub	3608302	3608337	+	1	SRDPQLQVVTNK	12
PPUB+3026	Proteomics_pub	3608362	3608394	+	1	MQQLDSIIIAK	11
PPUB+3027	Proteomics_pub	3616291	3616359	+	1	ALAINPDILLMDEAFSALDPLIR	23
PPUB+3028	Proteomics_pub	3636622	3636657	+	1	GMLTTDVESYDK	12
PPUB+3029	Proteomics_pub	3636733	3636762	+	1	MPGVSADDQR	10
PPUB+3030	Proteomics_pub	3638146	3638184	+	1	HILIAVDLSPESK	13
PPUB+3031	Proteomics_pub	3638200	3638232	+	1	AVSMARPYNAC	11
PPUB+3032	Proteomics_pub	3638314	3638433	+	1	RISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIK	40
PPUB+3033	Proteomics_pub	3638317	3638433	+	1	ISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIK	39
PPUB+3034	Proteomics_pub	3643462	3643497	+	1	HTVQSLIIESLK	12
PPUB+3035	Proteomics_pub	3643579	3643608	+	1	TGEYLEGIAR	10
PPUB+3036	Proteomics_pub	3643693	3643722	+	1	YYPGSPLIAR	10
PPUB+3037	Proteomics_pub	3643918	3643965	+	1	TDYQAVVSGIAEGYKR	16
PPUB+3038	Proteomics_pub	3644430	3644471	+	3	ELGGTCVNVGCVPK	14
PPUB+3039	Proteomics_pub	3644502	3644555	+	3	EAIHMYGPDYGFDTTINK	18

PPUB+3040	Proteomics_pub	3644556	3644585	+	3	FNWETLIASR	10
PPUB+3041	Proteomics_pub	3644604	3644636	+	3	IHTSYENVLGK	11
PPUB+3042	Proteomics_pub	3644829	3644915	+	3	VAVIGGGNTAVEEALYLSNIASEVHLIHR	29
PPUB+3043	Proteomics_pub	3644934	3645017	+	3	SFDPMISETLVEVMNAEGPQLHTNAIPK	28
PPUB+3044	Proteomics_pub	3645111	3645155	+	3	EPANDNINLEAAGVK	15
PPUB+3045	Proteomics_pub	3645189	3645278	+	3	YQNTNIEGIYAVGDNTGAVELTPVAVAAGR	30
PPUB+3046	Proteomics_pub	3645189	3645281	+	3	YQNTNIEGIYAVGDNTGAVELTPVAVAAGR	31
PPUB+3047	Proteomics_pub	3645402	3645428	+	3	EQYGDDQVK	9
PPUB+3048	Proteomics_pub	3645438	3645479	+	3	SSFTAMYAVTTHR	14
PPUB+3049	Proteomics_pub	3645498	3645524	+	3	LVCVGSEEK	9
PPUB+3050	Proteomics_pub	3645612	3645671	+	3	DFDNTVAIHPTAAEEFVTMR	20
PPUB+3051	Proteomics_pub	3652092	3652145	+	3	SFVAVHNQPGLYVGQQR	18
PPUB+3052	Proteomics_pub	3652308	3652367	+	3	NHFVTILGTIQGEQPGFINK	20
PPUB+3053	Proteomics_pub	3657489	3657569	+	3	EGSDIEAGVSLYQIDPATYQATYDSAK	27
PPUB+3054	Proteomics_pub	3658125	3658187	+	3	ARLEEGLNPAILVPQQGVTR	21
PPUB+3055	Proteomics_pub	3659313	3659357	+	3	LATGANALDAAAIR	15
PPUB+3056	Proteomics_pub	3659997	3660038	+	3	STHHYTDSVGGILR	14
PPUB+3057	Proteomics_pub	3660051	3660104	+	3	YLLIYALIVAGMVVFLR	18
PPUB+3058	Proteomics_pub	3660198	3660233	+	3	VLNEVTHYYLTK	12
PPUB+3059	Proteomics_pub	3677691	3677735	+	3	LPGLYIETDSTGER	15
PPUB+3060	Proteomics_pub	3678264	3678296	+	3	LTGGSAAEDAAK	11
PPUB+3061	Proteomics_pub	3714873	3714986	+	3	SGDNIILNMPNNVTFDSSATLKPAGANTLTGVAMVLK	38
PPUB+3062	Proteomics_pub	3715074	3715124	+	3	ADSVASALITQGVASR	17
PPUB+3063	Proteomics_pub	3715125	3715187	+	3	IRTQGLPANPIASNSTAEGK	21
PPUB+3064	Proteomics_pub	3715131	3715187	+	3	TQGLGANPIASNSTAEGK	19
PPUB+3065	Proteomics_pub	3715200	3715226	+	3	RVEITLSPL	9
PPUB+3066	Proteomics_pub	3715822	3715863	+	1	AHFGFNMPILYNAR	14
PPUB+3067	Proteomics_pub	3716014	3716043	+	1	SSAIFINAGR	10
PPUB+3068	Proteomics_pub	3716044	3716088	+	1	GPVVDENALIAALQK	15
PPUB+3069	Proteomics_pub	3716278	3716304	+	1	NCVNPHVAD	9
PPUB+3070	Proteomics_pub	3718120	3718155	+	1	GFGFITPDDGSK	12
PPUB+3071	Proteomics_pub	3718120	3718155	+	1	GFGFISVPDGSK	12
PPUB+3072	Proteomics_pub	3718120	3718155	+	1	GFGFITPADGSK	12
PPUB+3073	Proteomics_pub	3718120	3718155	+	1	GFGFITPEDGSK	12
PPUB+3074	Proteomics_pub	3718120	3718155	+	1	GFGFITPDDGSK	12
PPUB+3075	Proteomics_pub	3718120	3718155	+	1	GFGFITPKDGSK	12
PPUB+3076	Proteomics_pub	3718156	3718200	+	1	DVHVHFSAIQNDGYK	15
PPUB+3077	Proteomics_pub	3718156	3718200	+	1	DVHVHFSAIQNGGFK	15
PPUB+3078	Proteomics_pub	3718156	3718200	+	1	DVHVHFSAIQTNGFK	15
PPUB+3079	Proteomics_pub	3718201	3718251	+	1	TLAEGQRVEFEITNGAK	17
PPUB+3080	Proteomics_pub	3718222	3718251	+	1	VSFTIESGAK	10
PPUB+3081	Proteomics_pub	3718252	3718281	+	1	GPAAGNVTSL	10
PPUB+3082	Proteomics_pub	3737731	3737763	+	1	TFSLFGDKFTR	11
PPUB+3083	Proteomics_pub	3771384	3771437	+	3	GASPLSAGDVTNDLSHVR	18
PPUB+3084	Proteomics_pub	3771789	3771818	+	3	LGAENIFLGR	10
PPUB+3085	Proteomics_pub	3772038	3772067	+	3	FGEEEDDIAR	10

PPUB+3086	Proteomics_pub	3772924	3773004	+	1	IVPPSASATNDPLEVTVETFSEWIVDK	27
PPUB+3087	Proteomics_pub	3773131	3773154	+	1	LAGHQ TIR	8
PPUB+3088	Proteomics_pub	3773194	3773229	+	1	GAMEESGAVLIK	12
PPUB+3089	Proteomics_pub	3773287	3773322	+	1	FENPYLKDDVER	12
PPUB+3090	Proteomics_pub	3773365	3773412	+	1	LIKPLLGTLEYGLPHK	16
PPUB+3091	Proteomics_pub	3773413	3773451	+	1	NLIEGIAAAMHFR	13
PPUB+3092	Proteomics_pub	3773452	3773502	+	1	SEDDPQAQELAALIADK	17
PPUB+3093	Proteomics_pub	3774748	3774789	+	1	HQQADLSLVEAADK	14
PPUB+3094	Proteomics_pub	3774964	3775002	+	1	GLVVVHPMTALGR	13
PPUB+3095	Proteomics_pub	3783298	3783375	+	1	KPMVLVILDGYGYREEQQDNAIFSAK	26
PPUB+3096	Proteomics_pub	3783340	3783375	+	1	EEQQDNAIFSAK	12
PPUB+3097	Proteomics_pub	3783376	3783459	+	1	TPVMDALWANRPHTLIDASGLEVGLPDR	28
PPUB+3098	Proteomics_pub	3783460	3783507	+	1	QMGNSEVGHVNLGAGR	16
PPUB+3099	Proteomics_pub	3783550	3783597	+	1	DRAFFANPVLTGAVDK	16
PPUB+3100	Proteomics_pub	3783556	3783597	+	1	AFFANPVLTGAVDK	14
PPUB+3101	Proteomics_pub	3783718	3783747	+	1	IYLHAFDGR	10
PPUB+3102	Proteomics_pub	3783817	3783843	+	1	GRVASIIGR	9
PPUB+3103	Proteomics_pub	3783889	3783993	+	1	AYDLLTLAQGEFQADTAVAGLQAAYARDENDEFVK	35
PPUB+3104	Proteomics_pub	3784009	3784071	+	1	AEGQPDAAMEDGDALIFMNR	21
PPUB+3105	Proteomics_pub	3784099	3784134	+	1	AFVNADFDGFAR	12
PPUB+3106	Proteomics_pub	3784375	3784428	+	1	VATYDLQPEMSSAELTEK	18
PPUB+3107	Proteomics_pub	3784531	3784572	+	1	AVEALDHCVEEVAK	14
PPUB+3108	Proteomics_pub	3792061	3792111	+	1	ALNDKGITDILVVDNLK	17
PPUB+3109	Proteomics_pub	3792076	3792111	+	1	GITDILVVDNLK	12
PPUB+3110	Proteomics_pub	3792076	3792123	+	1	GITDILVVDNLKDGTK	16
PPUB+3111	Proteomics_pub	3792271	3792303	+	1	YMMDNYYQYSK	11
PPUB+3112	Proteomics_pub	3792304	3792330	+	1	ELLHYCLER	9
PPUB+3113	Proteomics_pub	3792331	3792378	+	1	EIPFLYASSAATYGGR	16
PPUB+3114	Proteomics_pub	3792403	3792441	+	1	EYEKPLNVYGYSK	13
PPUB+3115	Proteomics_pub	3792442	3792465	+	1	FLFDEYVR	8
PPUB+3116	Proteomics_pub	3792466	3792507	+	1	QILPEANSQIVGFR	14
PPUB+3117	Proteomics_pub	3792508	3792531	+	1	YFNVYGPR	8
PPUB+3118	Proteomics_pub	3792607	3792633	+	1	LFEGSENFK	9
PPUB+3119	Proteomics_pub	3792607	3792636	+	1	LFEGSENFKR	10
PPUB+3120	Proteomics_pub	3792727	3792774	+	1	AESFQAVADATLAYHK	16
PPUB+3121	Proteomics_pub	3792775	3792810	+	1	KGQIEYIPFPDK	12
PPUB+3122	Proteomics_pub	3792778	3792810	+	1	GQIEYIPFPDK	11
PPUB+3123	Proteomics_pub	3792778	3792816	+	1	GQIEYIPFPDKLK	13
PPUB+3124	Proteomics_pub	3792817	3792861	+	1	GRYQAFQADLTNLR	15
PPUB+3125	Proteomics_pub	3792823	3792861	+	1	YQAFQADLTNLR	13
PPUB+3126	Proteomics_pub	3792862	3792888	+	1	AAGYDKPKF	9
PPUB+3127	Proteomics_pub	3792889	3792933	+	1	TVAEGVTEYMAWLNR	15
PPUB+3128	Proteomics_pub	3793228	3793266	+	1	SALVPPFAGIPHR	13
PPUB+3129	Proteomics_pub	3793291	3793314	+	1	YGLLNDVR	8
PPUB+3130	Proteomics_pub	3807409	3807435	+	1	QAGLSYITR	9
PPUB+3131	Proteomics_pub	3807700	3807735	+	1	EVSSLLTDADYR	12

PPUB+3132	Proteomics_pub	3811144	3811185	+	1	AAATQHNLEVLASR	14
PPUB+3133	Proteomics_pub	3811789	3811887	+	1	NLDLICANDVVSQPTQGFNSDNNALHLFWQDGDK	33
PPUB+3134	Proteomics_pub	3812000	3812053	+	2	EFPLPTYATSGSAGLDLR	18
PPUB+3135	Proteomics_pub	3812054	3812164	+	2	ACLDDAVELAPGDTTLVPTGLAIHIADPSLAAMMLPR	37
PPUB+3136	Proteomics_pub	3812054	3812164	+	2	ACLNDAVELAPGDTTLVPTGLAIHIADPSLAAMMLPR	37
PPUB+3137	Proteomics_pub	3812264	3812299	+	2	GQDSFTIQPGER	12
PPUB+3138	Proteomics_pub	3814876	3814899	+	1	GKVECTLR	8
PPUB+3139	Proteomics_pub	3814957	3814986	+	1	QLVTAANWVK	10
PPUB+3140	Proteomics_pub	3814987	3815031	+	1	MQSDEGEINPVDILR	15
PPUB+3141	Proteomics_pub	3815176	3815205	+	1	LEGVTAIEVVK	10
PPUB+3142	Proteomics_pub	3815212	3815244	+	1	SHMPEILQWQR	11
PPUB+3143	Proteomics_pub	3815263	3815298	+	1	LEDAQVQLENNR	12
PPUB+3144	Proteomics_pub	3815263	3815331	+	1	LEDAQVQLENNRLEQELVLLAQR	23
PPUB+3145	Proteomics_pub	3815332	3815376	+	1	IDVAEELDRLEAHVK	15
PPUB+3146	Proteomics_pub	3815419	3815451	+	1	RLDFMMQEFNR	11
PPUB+3147	Proteomics_pub	3815476	3815517	+	1	SINAEVTNSAIELK	14
PPUB+3148	Proteomics_pub	3819454	3819501	+	1	AQGTLYIVSAPSGAGK	16
PPUB+3149	Proteomics_pub	3819529	3819576	+	1	TQPLYDTQVSVSHTTR	16
PPUB+3150	Proteomics_pub	3819808	3819834	+	1	SIFILPPSK	9
PPUB+3151	Proteomics_pub	3819808	3819849	+	1	SIFILPPSKIELDR	14
PPUB+3152	Proteomics_pub	3820132	3820164	+	1	ARVTVQDAVEK	11
PPUB+3153	Proteomics_pub	3820165	3820203	+	1	IGNRFDLVLVAAR	13
PPUB+3154	Proteomics_pub	3820213	3820263	+	1	QMVGKDPPLVPEENDK	17
PPUB+3155	Proteomics_pub	3820234	3820263	+	1	DPLVPEENDK	10
PPUB+3156	Proteomics_pub	3820264	3820329	+	1	TTVIALREIEEGLINNQILDVR	22
PPUB+3157	Proteomics_pub	3820285	3820329	+	1	EIEEGLINNQILDVR	15
PPUB+3158	Proteomics_pub	3820330	3820398	+	1	ERQEQEQEAAELQAVTAIAEGR	23
PPUB+3159	Proteomics_pub	3820336	3820398	+	1	QEQQEQEAAELQAVTAIAEGR	21
PPUB+3160	Proteomics_pub	3820336	3820401	+	1	QEQQEQEAAELQAVTAIAEGR	22
PPUB+3161	Proteomics_pub	3821917	3821952	+	1	KLNEIPQENIQR	12
PPUB+3162	Proteomics_pub	3822490	3822519	+	1	VMPDVIVKTR	10
PPUB+3163	Proteomics_pub	3882365	3882391	+	2	RTFQPSVLK	9
PPUB+3164	Proteomics_pub	3882368	3882394	+	2	TFQPSVLKR	9
PPUB+3165	Proteomics_pub	3883291	3883323	+	1	TDVLDLTINTR	11
PPUB+3166	Proteomics_pub	3883324	3883365	+	1	GGDVEQALLPAYPK	14
PPUB+3167	Proteomics_pub	3883450	3883503	+	1	DGPDNPANGPRPLYNVEK	18
PPUB+3168	Proteomics_pub	3883795	3883845	+	1	YKFDTIADNENLNISSEK	17
PPUB+3169	Proteomics_pub	3883801	3883845	+	1	FDTIADNENLNISSEK	15
PPUB+3170	Proteomics_pub	3884308	3884337	+	1	ISQEMMALYK	10
PPUB+3171	Proteomics_pub	3886825	3886851	+	1	AYREEAIK	9
PPUB+3172	Proteomics_pub	3886960	3886986	+	1	GDEAYSGSR	9
PPUB+3173	Proteomics_pub	3887017	3887061	+	1	NIFGYQYTIPTHQGR	15
PPUB+3174	Proteomics_pub	3887062	3887097	+	1	GAEQIYIPVLIK	12
PPUB+3175	Proteomics_pub	3887257	3887286	+	1	GNFDLEGLER	10
PPUB+3176	Proteomics_pub	3887407	3887442	+	1	KYDIPVVMDSAR	12
PPUB+3177	Proteomics_pub	3887410	3887442	+	1	YDIPVVMDSAR	11

PPUB+3178	Proteomics_pub	3887443	3887469	+	1	FAENAYFIK	9
PPUB+3179	Proteomics_pub	3887491	3887517	+	1	DWTIEQITR	9
PPUB+3180	Proteomics_pub	3887530	3887559	+	1	YADMLAMSAK	10
PPUB+3181	Proteomics_pub	3887560	3887601	+	1	KDAMVPMGGLLCMK	14
PPUB+3182	Proteomics_pub	3887602	3887637	+	1	DDSFDDVYTECR	12
PPUB+3183	Proteomics_pub	3887638	3887703	+	1	TLCVVQEGFPTYGGLEGGAMER	22
PPUB+3184	Proteomics_pub	3887929	3887961	+	1	AVEIGSFLLGR	11
PPUB+3185	Proteomics_pub	3888103	3888129	+	1	GLTFTYEPK	9
PPUB+3186	Proteomics_pub	3892687	3892719	+	1	LQVVTLGSLR	11
PPUB+3187	Proteomics_pub	3892687	3892722	+	1	LQVVTLGSLRK	12
PPUB+3188	Proteomics_pub	3892951	3892974	+	1	NAIDWLSR	8
PPUB+3189	Proteomics_pub	3892975	3893049	+	1	LPDQPLAGKPVLIQTSSMGVIGGAR	25
PPUB+3190	Proteomics_pub	3925256	3925294	+	2	LGLIEVQAPILSR	13
PPUB+3191	Proteomics_pub	3925295	3925336	+	2	VGDGTQDNLSGCEK	14
PPUB+3192	Proteomics_pub	3925358	3925402	+	2	ALPDAQFEVVHSLAK	15
PPUB+3193	Proteomics_pub	3925412	3925468	+	2	QTLGQHDFSAGEGLYTHMK	19
PPUB+3194	Proteomics_pub	3925493	3925540	+	2	LSPLHSVYVDQWDWER	16
PPUB+3195	Proteomics_pub	3925580	3925612	+	2	STVEAIWAGIK	11
PPUB+3196	Proteomics_pub	3925751	3925789	+	2	DLGAVFLVGGGK	13
PPUB+3197	Proteomics_pub	3925964	3926029	+	2	HQLALTGDEDRLELEWHQALLR	22
PPUB+3198	Proteomics_pub	3926030	3926074	+	2	GEMPQTIGGGIGQSR	15
PPUB+3199	Proteomics_pub	3931383	3931424	+	3	GTVLNSDISSVISR	14
PPUB+3200	Proteomics_pub	3931425	3931478	+	3	LGHTDTLVVCDAGLPIPK	18
PPUB+3201	Proteomics_pub	3931491	3931595	+	3	IDMALTQGVPSFMQVLGVVTNEMQVEAIIAEEIK	35
PPUB+3202	Proteomics_pub	3931704	3931736	+	3	QQTAESQAVIR	11
PPUB+3203	Proteomics_pub	3934451	3934510	+	2	EADKLGYNLVVLD SQNNPAK	20
PPUB+3204	Proteomics_pub	3934463	3934510	+	2	LGYNLVVLD SQNNPAK	16
PPUB+3205	Proteomics_pub	3934511	3934543	+	2	ELANVQDLTVR	11
PPUB+3206	Proteomics_pub	3934553	3934603	+	2	ILLINPTSDAVGNAVK	17
PPUB+3207	Proteomics_pub	3934604	3934645	+	2	MANQANIPVITLDR	14
PPUB+3208	Proteomics_pub	3934646	3934705	+	2	QATKGEVVS HIASDNVLGGK	20
PPUB+3209	Proteomics_pub	3934658	3934705	+	2	GEVVSHIASDNVLGGK	16
PPUB+3210	Proteomics_pub	3934751	3934792	+	2	VIELQGIAGTSAAR	14
PPUB+3211	Proteomics_pub	3934793	3934834	+	2	ERGEFQQAVAAHK	14
PPUB+3212	Proteomics_pub	3934799	3934834	+	2	GEGFQQAVAAHK	12
PPUB+3213	Proteomics_pub	3934835	3934873	+	2	FNVLASQPADFDR	13
PPUB+3214	Proteomics_pub	3934835	3934879	+	2	FNVLASQPADFDR IK	15
PPUB+3215	Proteomics_pub	3934994	3935041	+	2	SDVMVVGFDGTPDGEK	16
PPUB+3216	Proteomics_pub	3935060	3935104	+	2	LAATIAQLPDQIGAK	15
PPUB+3217	Proteomics_pub	3935446	3935475	+	1	GANQAVAAGR	10
PPUB+3218	Proteomics_pub	3935476	3935538	+	1	SGANIAFIAC TGDDSIGESVR	21
PPUB+3219	Proteomics_pub	3935539	3935589	+	1	QQLATDNIDITPVSVIK	17
PPUB+3220	Proteomics_pub	3935710	3935778	+	1	IANASALLMQLESPLSVMAAAK	23
PPUB+3221	Proteomics_pub	3935797	3935829	+	1	TIVALNPAPAR	11
PPUB+3222	Proteomics_pub	3936280	3936321	+	1	ANVSTTTVSHVINK	14
PPUB+3223	Proteomics_pub	3937090	3937128	+	1	YFTPALTTIHQPK	13



PPUB+3224	Proteomics_pub	3946112	3946138	+	2	AESFTTTNR	9
PPUB+3225	Proteomics_pub	3946178	3946219	+	2	HGDFTIKEAQLLER	14
PPUB+3226	Proteomics_pub	3946220	3946255	+	2	HGYAFNELDLGK	12
PPUB+3227	Proteomics_pub	3946220	3946258	+	2	HGYAFNELDLGKR	13
PPUB+3228	Proteomics_pub	3946304	3946336	+	2	GEREPVTEAER	11
PPUB+3229	Proteomics_pub	3946376	3946444	+	2	RFHTLGGKPKVEGAEDYTDSD	23
PPUB+3230	Proteomics_pub	3946379	3946444	+	2	FHTLGGKPKVEGAEDYTDSD	22
PPUB+3231	Proteomics_pub	3949760	3949822	+	2	WINSGGLGTMGFGLPAALGVK	21
PPUB+3232	Proteomics_pub	3950714	3950758	+	2	FPVSQSIDELMEACR	15
PPUB+3233	Proteomics_pub	3950954	3950986	+	2	AAPNTIPTAAK	11
PPUB+3234	Proteomics_pub	3951305	3951337	+	2	SVDGIQVGEGR	11
PPUB+3235	Proteomics_pub	3951356	3951406	+	2	RIQQAFFGLFTGETEDK	17
PPUB+3236	Proteomics_pub	3952026	3952058	+	3	VSDSQSDQVER	11
PPUB+3237	Proteomics_pub	3952185	3952211	+	3	KQLFLNAGK	9
PPUB+3238	Proteomics_pub	3955996	3956025	+	1	ANYFNLTNLR	10
PPUB+3239	Proteomics_pub	3956026	3956055	+	1	QQLAQLGKCR	10
PPUB+3240	Proteomics_pub	3956068	3956106	+	1	DEFADGASYLQGK	13
PPUB+3241	Proteomics_pub	3956107	3956163	+	1	KVVIVGCGAQGLNQGLNMR	19
PPUB+3242	Proteomics_pub	3956164	3956196	+	1	DSGLDISYALR	11
PPUB+3243	Proteomics_pub	3956428	3956457	+	1	DITVVMVAPK	10
PPUB+3244	Proteomics_pub	3956710	3956748	+	1	LVEEGTDPAYAEK	13
PPUB+3245	Proteomics_pub	3956845	3956871	+	1	AYALSEQLK	9
PPUB+3246	Proteomics_pub	3956872	3956898	+	1	EIMAPLFQK	9
PPUB+3247	Proteomics_pub	3957001	3957036	+	1	TAFETAPQYEGK	12
PPUB+3248	Proteomics_pub	3957037	3957063	+	1	IGEQEYFDK	9
PPUB+3249	Proteomics_pub	3963796	3963840	+	1	IIHLTDDSFDTDLK	15
PPUB+3250	Proteomics_pub	3963895	3963942	+	1	MIAPILDEIADEYQGK	16
PPUB+3251	Proteomics_pub	3963958	3963993	+	1	LNIDQNPGTAPK	12
PPUB+3252	Proteomics_pub	3964006	3964032	+	1	GIPTLLLFK	9
PPUB+3253	Proteomics_pub	3964075	3964110	+	1	GQLKEFLDANLA	12
PPUB+3254	Proteomics_pub	3964461	3964523	+	3	NTPVSELITLGENMGLNLR	21
PPUB+3255	Proteomics_pub	3964530	3964559	+	3	KQDIIFAILK	10
PPUB+3256	Proteomics_pub	3964533	3964559	+	3	QDIIFAILK	9
PPUB+3257	Proteomics_pub	3964572	3964637	+	3	SGEDIFGDGVLEILQDGFGLR	22
PPUB+3258	Proteomics_pub	3964638	3964700	+	3	SADSSYLAGPDDIYVSPSQIR	21
PPUB+3259	Proteomics_pub	3964638	3964703	+	3	SADSSYLAGPDDIYVSPSQIRR	22
PPUB+3260	Proteomics_pub	3964785	3964823	+	3	VNEVNFDPENAR	13
PPUB+3261	Proteomics_pub	3964824	3964871	+	3	NKILFENLPLHANSR	16
PPUB+3262	Proteomics_pub	3964830	3964871	+	3	ILFENLPLHANSR	14
PPUB+3263	Proteomics_pub	3964887	3964919	+	3	GNGSTEDLTAR	11
PPUB+3264	Proteomics_pub	3964920	3964949	+	3	VLDLASPIGR	10
PPUB+3265	Proteomics_pub	3964920	3964958	+	3	VLDLASPIGRGQR	13
PPUB+3266	Proteomics_pub	3964959	3964982	+	3	GLIVAPPK	8
PPUB+3267	Proteomics_pub	3964959	3964991	+	3	GLIVAPPKAGK	11
PPUB+3268	Proteomics_pub	3965103	3965153	+	3	LVKGEVVASTFDEPASR	17
PPUB+3269	Proteomics_pub	3965112	3965153	+	3	GEVVASTFDEPASR	14

PPUB+3270	Proteomics_pub	3965154	3965186	+	3	HVQVAEMVIEK	11
PPUB+3271	Proteomics_pub	3965214	3965246	+	3	DVIILLDSITR	11
PPUB+3272	Proteomics_pub	3965256	3965288	+	3	AYNTVVPASGK	11
PPUB+3273	Proteomics_pub	3965289	3965333	+	3	VLTGGVDANALHRPK	15
PPUB+3274	Proteomics_pub	3965418	3965447	+	3	MDEVIYEEFK	10
PPUB+3275	Proteomics_pub	3965448	3965480	+	3	GTGNMELHLSR	11
PPUB+3276	Proteomics_pub	3965496	3965525	+	3	RVFPAIDYNR	10
PPUB+3277	Proteomics_pub	3965499	3965525	+	3	VFPAIDYNR	9
PPUB+3278	Proteomics_pub	3965538	3965576	+	3	KEELLTTQEELQK	13
PPUB+3279	Proteomics_pub	3965541	3965576	+	3	EELLTTQEELQK	12
PPUB+3280	Proteomics_pub	3965595	3965645	+	3	IIHPMGEIDAMEFLINK	17
PPUB+3281	Proteomics_pub	3965661	3965690	+	3	TNDDFFEMMK	10
PPUB+3282	Proteomics_pub	3968162	3968200	+	2	VLTVFGTRPEAIK	13
PPUB+3283	Proteomics_pub	3968486	3968518	+	2	IPVGHVEAGLR	11
PPUB+3284	Proteomics_pub	3968519	3968560	+	2	TGDLYSWPWEEANR	14
PPUB+3285	Proteomics_pub	3969080	3969124	+	2	DTTERPEAVTAGTVR	15
PPUB+3286	Proteomics_pub	3969170	3969208	+	2	LLKDENEYQAMSR	13
PPUB+3287	Proteomics_pub	3969862	3969900	+	1	IFLEGECVVTNSR	13
PPUB+3288	Proteomics_pub	3970039	3970131	+	1	VNILQPGPGVGGHCIAVDPWFIVAQNPQQR	31
PPUB+3289	Proteomics_pub	3970602	3970646	+	3	HIINNTQDSVVNVDK	15
PPUB+3290	Proteomics_pub	3971142	3971180	+	3	LIPLVILNALE GK	13
PPUB+3291	Proteomics_pub	3971637	3971669	+	3	GIILAGGSGTR	11
PPUB+3292	Proteomics_pub	3971637	3971669	+	3	GIILAGGSGTR	11
PPUB+3293	Proteomics_pub	3971700	3971771	+	3	EMLPIVDKPMIQYIVDEIVAAGIK	24
PPUB+3294	Proteomics_pub	3972057	3972089	+	3	FGVVEFDDNFR	11
PPUB+3295	Proteomics_pub	3972081	3972125	+	3	NGTAISLEEKPLEPK	15
PPUB+3296	Proteomics_pub	3972456	3972491	+	3	TGYGQYLLELLR	12
PPUB+3297	Proteomics_pub	3996555	3996590	+	3	AGLVDFAEALLR	12
PPUB+3298	Proteomics_pub	3997899	3997940	+	3	FIGELPEECVEEVR	14
PPUB+3299	Proteomics_pub	3999449	3999481	+	2	MLSAFQLENNR	11
PPUB+3300	Proteomics_pub	4000070	4000099	+	2	LPGGQLEQAR	10
PPUB+3301	Proteomics_pub	4008904	4008939	+	1	ACIMGSGHQRLK	12
PPUB+3302	Proteomics_pub	4011079	4011111	+	1	TILNHTLGFPR	11
PPUB+3303	Proteomics_pub	4011139	4011174	+	1	AQESYWAGNSTR	12
PPUB+3304	Proteomics_pub	4011337	4011369	+	1	DGSVDIDTLFR	11
PPUB+3305	Proteomics_pub	4011385	4011426	+	1	APTGEPAAAAEMTK	14
PPUB+3306	Proteomics_pub	4011544	4011591	+	1	VKPVLLGPVTWLWL GK	16
PPUB+3307	Proteomics_pub	4011616	4011675	+	1	LSLLNDILPVYQQVLAELAK	20
PPUB+3308	Proteomics_pub	4012105	4012131	+	1	SWFAFALQK	9
PPUB+3309	Proteomics_pub	4012261	4012293	+	1	LAAITAQDSQR	11
PPUB+3310	Proteomics_pub	4012342	4012398	+	1	LPAWPPTTIGSFPQTTEIR	19
PPUB+3311	Proteomics_pub	4012450	4012473	+	1	TGIAEHIK	8
PPUB+3312	Proteomics_pub	4012690	4012722	+	1	YAQSLTDKPVK	11
PPUB+3313	Proteomics_pub	4013233	4013262	+	1	LWVNPDCGLK	10
PPUB+3314	Proteomics_pub	4013287	4013328	+	1	AALANMVQAAQNL R	14
PPUB+3315	Proteomics_pub	4014463	4014492	+	1	SDVFHLGLTK	10

PPUB+3316	Proteomics_pub	4014493	4014543	+	1	NDLQGATLAIVPGDPDR	17
PPUB+3317	Proteomics_pub	4014493	4014552	+	1	NDLQGATLAIVPGDPDRVEK	20
PPUB+3318	Proteomics_pub	4014553	4014582	+	1	IAALMDKPKVK	10
PPUB+3319	Proteomics_pub	4014616	4014714	+	1	AELDGKPVIVCSTGIGGPSTSIAVEELAQLGIR	33
PPUB+3320	Proteomics_pub	4014727	4014798	+	1	IGTTGAIQPHINVGDLVLTASVR	24
PPUB+3321	Proteomics_pub	4014799	4014888	+	1	LDGASLHFAPLEFPAVADFECTTALVEAAK	30
PPUB+3322	Proteomics_pub	4014889	4014957	+	1	SIGATTHVGVGTASSDTFYPGQER	23
PPUB+3323	Proteomics_pub	4015090	4015122	+	1	AGMVAGVIVNR	11
PPUB+3324	Proteomics_pub	4015123	4015158	+	1	TQQEIPNAETMK	12
PPUB+3325	Proteomics_pub	4015123	4015182	+	1	TQQEIPNAETMKQTESHAVK	20
PPUB+3326	Proteomics_pub	4016064	4016093	+	3	SRMQPDVIVR	10
PPUB+3327	Proteomics_pub	4017037	4017063	+	1	FTIDCSGVR	9
PPUB+3328	Proteomics_pub	4017067	4017117	+	1	GQTVLIDLGGTGDLTAK	17
PPUB+3329	Proteomics_pub	4017148	4017183	+	1	VVLADINESMLK	12
PPUB+3330	Proteomics_pub	4017373	4017420	+	1	LLVLEFSKPIIEPLSK	16
PPUB+3331	Proteomics_pub	4017421	4017456	+	1	AYDAYSFHVLPK	12
PPUB+3332	Proteomics_pub	4017457	4017495	+	1	IGSLVANDADSYR	13
PPUB+3333	Proteomics_pub	4017457	4017516	+	1	IGSLVANDADSYRYLAESIR	20
PPUB+3334	Proteomics_pub	4020040	4020078	+	1	LGSIGSDLGASIK	13
PPUB+3335	Proteomics_pub	4020124	4020153	+	1	TSQDADFTAK	10
PPUB+3336	Proteomics_pub	4020169	4020213	+	1	QADTNQEAKTEDAK	15
PPUB+3337	Proteomics_pub	4020445	4020477	+	1	ASLTNLTPELK	11
PPUB+3338	Proteomics_pub	4023083	4023133	+	2	ITLVPDPHLEITEIADR	17
PPUB+3339	Proteomics_pub	4023143	4023178	+	2	AGGPALLFENPK	12
PPUB+3340	Proteomics_pub	4023281	4023316	+	2	LLAFLKEPEPPK	12
PPUB+3341	Proteomics_pub	4023410	4023442	+	2	IVSGDDVDLNR	11
PPUB+3342	Proteomics_pub	4023602	4023652	+	2	GGALDYQEWCAHPGER	17
PPUB+3343	Proteomics_pub	4024571	4024609	+	2	VTSVEAITDVTYR	13
PPUB+3344	Proteomics_pub	4024616	4024645	+	2	IVPDAAFSFR	10
PPUB+3345	Proteomics_pub	4029184	4029210	+	1	MESLASLYK	9
PPUB+3346	Proteomics_pub	4029211	4029237	+	1	NHIATLQER	9
PPUB+3347	Proteomics_pub	4029517	4029552	+	1	ADGIGSLLPAAR	12
PPUB+3348	Proteomics_pub	4029553	4029588	+	1	GNIGYIGVPER	12
PPUB+3349	Proteomics_pub	4029589	4029630	+	1	ALQLGIEASNINPK	14
PPUB+3350	Proteomics_pub	4029631	4029660	+	1	GVIDYLHYR	10
PPUB+3351	Proteomics_pub	4029979	4030008	+	1	SDNDYAQLVK	10
PPUB+3352	Proteomics_pub	4030009	4030050	+	1	DVNDEQLALIATMK	14
PPUB+3353	Proteomics_pub	4030447	4030497	+	1	IEDNVVIHENVENMTR	17
PPUB+3354	Proteomics_pub	4040104	4040148	+	1	RLNEVIELLQPAWQK	15
PPUB+3355	Proteomics_pub	4040149	4040184	+	1	EPDLNLLQFLQK	12
PPUB+3356	Proteomics_pub	4040275	4040301	+	1	DAVIPGLQK	9
PPUB+3357	Proteomics_pub	4041672	4041707	+	3	YHVNFMGGDLGK	12
PPUB+3358	Proteomics_pub	4041759	4041791	+	3	VTVPLFEGVQK	11
PPUB+3359	Proteomics_pub	4041807	4041851	+	3	SASDIRDVFINAGIK	15
PPUB+3360	Proteomics_pub	4041825	4041851	+	3	DVFINAGIK	9
PPUB+3361	Proteomics_pub	4041852	4041893	+	3	GEEYDAAWNSFVVK	14

PPUB+3362	Proteomics_pub	4041933	4041971	+	3	NVMGVPVAVFVNGK	13
PPUB+3363	Proteomics_pub	4041942	4041971	+	3	GVPAMFVNGK	10
PPUB+3364	Proteomics_pub	4041972	4042046	+	3	YQLNPQGMDTSNMDVVFVQYADTVK	25
PPUB+3365	Proteomics_pub	4045847	4045873	+	2	WTADVEAGK	9
PPUB+3366	Proteomics_pub	4046264	4046296	+	2	GILANYGIELR	11
PPUB+3367	Proteomics_pub	4046354	4046380	+	2	HDMSLAER	9
PPUB+3368	Proteomics_pub	4046396	4046425	+	2	TITFEEIAGK	10
PPUB+3369	Proteomics_pub	4046432	4046476	+	2	NQLTFNQIALEEAGR	15
PPUB+3370	Proteomics_pub	4046639	4046674	+	2	VLHNNHSEELTLR	12
PPUB+3371	Proteomics_pub	4046741	4046767	+	2	QLQTILFEK	9
PPUB+3372	Proteomics_pub	4046951	4046992	+	2	VHTSYHQAVTATGR	14
PPUB+3373	Proteomics_pub	4046993	4047034	+	2	LSSTDPNLQNIPVR	14
PPUB+3374	Proteomics_pub	4047146	4047181	+	2	DKGLLTFAEAGK	12
PPUB+3375	Proteomics_pub	4047152	4047181	+	2	GLLTFAEAGK	10
PPUB+3376	Proteomics_pub	4047194	4047250	+	2	ATAAEVFGPLPLETVTSEQR	19
PPUB+3377	Proteomics_pub	4047419	4047451	+	2	EQGYVETLDGR	11
PPUB+3378	Proteomics_pub	4049427	4049456	+	3	TREELDQEAR	10
PPUB+3379	Proteomics_pub	4049577	4049606	+	3	TPIPLGVTEK	10
PPUB+3380	Proteomics_pub	4049766	4049795	+	3	LDRIDELMQK	10
PPUB+3381	Proteomics_pub	4056448	4056483	+	1	NFSIIAHIDHGK	12
PPUB+3382	Proteomics_pub	4056448	4056483	+	1	NIAIIAHVDHGK	12
PPUB+3383	Proteomics_pub	4056502	4056534	+	1	LLQSGTFDSR	11
PPUB+3384	Proteomics_pub	4056553	4056585	+	1	VMDSNDLEKER	11
PPUB+3385	Proteomics_pub	4056637	4056690	+	1	INIIDTPGHVDFTIEVER	18
PPUB+3386	Proteomics_pub	4056637	4056690	+	1	INIVDTPGHADFGGEVER	18
PPUB+3387	Proteomics_pub	4056691	4056759	+	1	VMSMVDVLLVVDADFDPMPQTR	23
PPUB+3388	Proteomics_pub	4056772	4056816	+	1	KAFAYGLKPIVVINK	15
PPUB+3389	Proteomics_pub	4056775	4056816	+	1	AFAYGLKPIVVINK	14
PPUB+3390	Proteomics_pub	4057120	4057164	+	1	VKPNQQVTIIDSEGK	15
PPUB+3391	Proteomics_pub	4057189	4057215	+	1	VLGHLGLER	9
PPUB+3392	Proteomics_pub	4057441	4057467	+	1	ELVHNVALR	9
PPUB+3393	Proteomics_pub	4057468	4057500	+	1	VEETEDADAFR	11
PPUB+3394	Proteomics_pub	4057552	4057587	+	1	REGFELAVSRPK	12
PPUB+3395	Proteomics_pub	4057555	4057587	+	1	EGFELAVSRPK	11
PPUB+3396	Proteomics_pub	4057738	4057767	+	1	VRLDYVIPSR	10
PPUB+3397	Proteomics_pub	4057744	4057767	+	1	LDYVIPSR	8
PPUB+3398	Proteomics_pub	4057879	4057914	+	1	QNGVLISNGQGK	12
PPUB+3399	Proteomics_pub	4057915	4057950	+	1	AVAFALFGLQDR	12
PPUB+3400	Proteomics_pub	4057957	4058016	+	1	LFLGHGAEVYEGQIIGIHSR	20
PPUB+3401	Proteomics_pub	4058017	4058052	+	1	SNDLTVNCLTGK	12
PPUB+3402	Proteomics_pub	4058071	4058115	+	1	ASGTDEAVVLPPIR	15
PPUB+3403	Proteomics_pub	4084060	4084095	+	1	EIENVTNITGVR	12
PPUB+3404	Proteomics_pub	4098836	4098895	+	2	SYTLPLSPYAYDALEPHFDK	20
PPUB+3405	Proteomics_pub	4098869	4098922	+	2	DALAPHISAETIEYHYGK	18
PPUB+3406	Proteomics_pub	4098896	4098922	+	2	QTMEIHHTK	9
PPUB+3407	Proteomics_pub	4098923	4099012	+	2	HHQTYVNNANALESLEPEFANLPVEELITK	30

PPUB+3408	Proteomics_pub	4099013	4099039	+	2	LDQLPADKK	9
PPUB+3409	Proteomics_pub	4099052	4099093	+	2	NNAGGHANHSLFWK	14
PPUB+3410	Proteomics_pub	4099103	4099132	+	2	KGTTLQGDLK	10
PPUB+3411	Proteomics_pub	4099106	4099132	+	2	GTTLQGDLK	9
PPUB+3412	Proteomics_pub	4099133	4099174	+	2	AAIERDFGSVDNFK	14
PPUB+3413	Proteomics_pub	4099148	4099174	+	2	DFGSVDNFK	9
PPUB+3414	Proteomics_pub	4099148	4099189	+	2	DFGSVDNFKAEFEK	14
PPUB+3415	Proteomics_pub	4099205	4099237	+	2	FGSGWAWLVLK	11
PPUB+3416	Proteomics_pub	4099205	4099246	+	2	FGSGWAWLVLKGDK	14
PPUB+3417	Proteomics_pub	4099247	4099363	+	2	LAVVSTANQDSPLMGEAISGASGFPIMGLDVWEHAYYLK	39
PPUB+3418	Proteomics_pub	4099376	4099435	+	2	RPDYIKEFWNVVNWDEAAAR	20
PPUB+3419	Proteomics_pub	4099394	4099435	+	2	EFWNVVNWDEAAAR	14
PPUB+3420	Proteomics_pub	4100878	4100919	+	1	IQAYPEGKPSAIK	14
PPUB+3421	Proteomics_pub	4101211	4101267	+	1	LNYHFDISDIAQLMQNTGK	19
PPUB+3422	Proteomics_pub	4101304	4101339	+	1	VSADAPLELVSR	12
PPUB+3423	Proteomics_pub	4105584	4105640	+	3	KIGVLTSGGDAPGMNAAIR	19
PPUB+3424	Proteomics_pub	4105587	4105640	+	3	IGVLTSGGDAPGMNAAIR	18
PPUB+3425	Proteomics_pub	4105740	4105766	+	3	YSVSDMINR	9
PPUB+3426	Proteomics_pub	4105767	4105793	+	3	GGTFLGSAR	9
PPUB+3427	Proteomics_pub	4105794	4105823	+	3	FPEFRDENIR	10
PPUB+3428	Proteomics_pub	4105911	4105970	+	3	LTEMGFPCIGLPGTIDNDIK	20
PPUB+3429	Proteomics_pub	4106040	4106063	+	3	DTSSSHQR	8
PPUB+3430	Proteomics_pub	4106307	4106333	+	3	ATVLGHIQR	9
PPUB+3431	Proteomics_pub	4106334	4106360	+	3	GGSPVPYDR	9
PPUB+3432	Proteomics_pub	4106376	4106423	+	3	MGAYAIDLLLAGYGGR	16
PPUB+3433	Proteomics_pub	4106424	4106489	+	3	CVGIQNEQLVHHDIIIDAIENMK	22
PPUB+3434	Proteomics_pub	4106490	4106525	+	3	RPFKGDWLDCAK	12
PPUB+3435	Proteomics_pub	4106502	4106525	+	3	GDWLDCAK	8
PPUB+3436	Proteomics_pub	4116580	4116636	+	1	VQQAIDTITLLQMEIEELK	19
PPUB+3437	Proteomics_pub	4116643	4116687	+	1	NNSLSQEVQNAQHQR	15
PPUB+3438	Proteomics_pub	4116643	4116702	+	1	NNSLSQEVQNAQHQREELER	20
PPUB+3439	Proteomics_pub	4116688	4116720	+	1	EELERENHLK	11
PPUB+3440	Proteomics_pub	4116721	4116747	+	1	EQQNGWQER	9
PPUB+3441	Proteomics_pub	4125045	4125104	+	3	DIHPKYEEITASCSCGNVMK	20
PPUB+3442	Proteomics_pub	4125060	4125104	+	3	YEEITASCSCGNVMK	15
PPUB+3443	Proteomics_pub	4125105	4125152	+	3	IRSTVGHDNLNDVCSK	16
PPUB+3444	Proteomics_pub	4125111	4125152	+	3	STVGHDNLNDVCSK	14
PPUB+3445	Proteomics_pub	4125153	4125176	+	3	CHPFFTGK	8
PPUB+3446	Proteomics_pub	4125177	4125203	+	3	QRDVATGGR	9
PPUB+3447	Proteomics_pub	4125183	4125212	+	3	DVATGGRVDR	10
PPUB+3448	Proteomics_pub	4125222	4125245	+	3	RFNIPGSK	8
PPUB+3449	Proteomics_pub	4128416	4128445	+	2	RLVVTGFISR	10
PPUB+3450	Proteomics_pub	4128590	4128616	+	2	DACLLPLLR	9
PPUB+3451	Proteomics_pub	4129823	4129852	+	2	EMGYTEPDPR	10
PPUB+3452	Proteomics_pub	4131861	4131902	+	3	STSDDIHNTTATGK	14
PPUB+3453	Proteomics_pub	4131903	4131959	+	3	CPFHQGGHDQSAGAGTTTR	19

PPUB+3454	Proteomics_pub	4131960	4131983	+	3	DWWPNQLR	8
PPUB+3455	Proteomics_pub	4131984	4132013	+	3	VDLLNQHSNR	10
PPUB+3456	Proteomics_pub	4132014	4132046	+	3	SNPLGEDFDYR	11
PPUB+3457	Proteomics_pub	4132014	4132049	+	3	SNPLGEDFDYRK	12
PPUB+3458	Proteomics_pub	4132236	4132280	+	3	FAPLNSWPDNVSLDK	15
PPUB+3459	Proteomics_pub	4132326	4132388	+	3	ISWADLFILAGNVALENSGFR	21
PPUB+3460	Proteomics_pub	4132389	4132460	+	3	TFGFGAGREDVWEPDLVDVNWGDEK	24
PPUB+3461	Proteomics_pub	4132863	4132883	+	3	YEWVQTR	7
PPUB+3462	Proteomics_pub	4132884	4132961	+	3	SPAGAIQFEAVDAPEIIPDPFDPSKK	26
PPUB+3463	Proteomics_pub	4133034	4133075	+	3	FLNDPQAFNEAFAR	14
PPUB+3464	Proteomics_pub	4133352	4133381	+	3	DWDVNAAAVR	10
PPUB+3465	Proteomics_pub	4133424	4133474	+	3	ASLADIIVLAGVVGVEK	17
PPUB+3466	Proteomics_pub	4133475	4133525	+	3	AASAAGLSIHVPFAPGR	17
PPUB+3467	Proteomics_pub	4133652	4133708	+	3	AQQLTLTAPEMTALVGGMR	19
PPUB+3468	Proteomics_pub	4133709	4133738	+	3	VLGANFDGSK	10
PPUB+3469	Proteomics_pub	4133895	4133930	+	3	ADLVFGSNSVLR	12
PPUB+3470	Proteomics_pub	4133931	4133972	+	3	AVAEVYASSDAHEK	14
PPUB+3471	Proteomics_pub	4134006	4134035	+	3	VMNLDRFDLL	10
PPUB+3472	Proteomics_pub	4156525	4156560	+	1	DLEYLVALAEHR	12
PPUB+3473	Proteomics_pub	4157350	4157382	+	1	SRYEQLAEAIR	11
PPUB+3474	Proteomics_pub	4161779	4161814	+	2	STVLAPTTVVTR	12
PPUB+3475	Proteomics_pub	4161929	4161973	+	2	GTNASHVVLVIDGVR	15
PPUB+3476	Proteomics_pub	4162451	4162486	+	2	KLYSQSWDAGLR	12
PPUB+3477	Proteomics_pub	4162454	4162486	+	2	LYSQSWDAGLR	11
PPUB+3478	Proteomics_pub	4162508	4162540	+	2	SQLITSYSHSK	11
PPUB+3479	Proteomics_pub	4162874	4162903	+	2	FIASYGTSYK	10
PPUB+3480	Proteomics_pub	4163033	4163077	+	2	NDVSDLIDYDDHTLK	15
PPUB+3481	Proteomics_pub	4170557	4170589	+	2	DSIFKHEYQDR	11
PPUB+3482	Proteomics_pub	4171031	4171060	+	2	FNWLEPEVR	10
PPUB+3483	Proteomics_pub	4173991	4174041	+	1	TKPHVNVGTIGHVDHGK	17
PPUB+3484	Proteomics_pub	4173991	4174080	+	1	TKPHVNVGTIGHVDHGKTTLTAAITTVLAK	30
PPUB+3485	Proteomics_pub	4174006	4174041	+	1	NFSIIAHIDHGK	12
PPUB+3486	Proteomics_pub	4174006	4174041	+	1	NIAIIAHVDHGK	12
PPUB+3487	Proteomics_pub	4174042	4174080	+	1	TTLTAAITTVLAK	13
PPUB+3488	Proteomics_pub	4174042	4174101	+	1	TTLTAAITTVLAKTYGGAAR	20
PPUB+3489	Proteomics_pub	4174081	4174137	+	1	TYGGAARAFDQIDNAPEEK	19
PPUB+3490	Proteomics_pub	4174102	4174137	+	1	AFDQIDNAPEEK	12
PPUB+3491	Proteomics_pub	4174102	4174143	+	1	AFDQIDNAPEEKAR	14
PPUB+3492	Proteomics_pub	4174138	4174191	+	1	ARGITINTSHVEYDTPTR	18
PPUB+3493	Proteomics_pub	4174144	4174191	+	1	GITINTSHVEYDTPTR	16
PPUB+3494	Proteomics_pub	4174192	4174236	+	1	HYAHVDCPGHADYVK	15
PPUB+3495	Proteomics_pub	4174237	4174317	+	1	NMITGAAQMDGAILVVAATDGPMPQTR	27
PPUB+3496	Proteomics_pub	4174339	4174377	+	1	QVGVPIIVFLNK	13
PPUB+3497	Proteomics_pub	4174378	4174431	+	1	CDMVDDEELLELVEMEV	18
PPUB+3498	Proteomics_pub	4174432	4174482	+	1	ELLSQYDFPGDDTPIVR	17
PPUB+3499	Proteomics_pub	4174483	4174530	+	1	GSALKALEGDAEWEAK	16

PPUB+3500	Proteomics_pub	4174498	4174530	+	1	ALEGDAEWEAK	11
PPUB+3501	Proteomics_pub	4174498	4174581	+	1	ALEGDAEWEAKILELAGFLDSYIPEPER	28
PPUB+3502	Proteomics_pub	4174531	4174581	+	1	ILELAGFLDSYIPEPER	17
PPUB+3503	Proteomics_pub	4174531	4174638	+	1	ILELAGFLDSYIPEPERAIDKPFLLPIDVFSISGR	36
PPUB+3504	Proteomics_pub	4174582	4174638	+	1	AIDKPFLLPIDVFSISGR	19
PPUB+3505	Proteomics_pub	4174681	4174713	+	1	VGEEVEIVGIK	11
PPUB+3506	Proteomics_pub	4174681	4174725	+	1	VGEEVEIVGIKETQK	15
PPUB+3507	Proteomics_pub	4174726	4174755	+	1	STCTGVEMFR	10
PPUB+3508	Proteomics_pub	4174726	4174758	+	1	STCTGVEMFRK	11
PPUB+3509	Proteomics_pub	4174759	4174806	+	1	LLDEGRAGENVGVLLR	16
PPUB+3510	Proteomics_pub	4174777	4174806	+	1	AGENVGVLLR	10
PPUB+3511	Proteomics_pub	4174777	4174815	+	1	AGENVGVLLRGIK	13
PPUB+3512	Proteomics_pub	4174834	4174878	+	1	GQVLAKPGTIKPHTK	15
PPUB+3513	Proteomics_pub	4174879	4174908	+	1	FESEVYILSK	10
PPUB+3514	Proteomics_pub	4174879	4174923	+	1	FESEVYILSKDEGGR	15
PPUB+3515	Proteomics_pub	4174942	4174968	+	1	GYRPQFYFR	9
PPUB+3516	Proteomics_pub	4174969	4175040	+	1	TTDVTGTIELPEGVEMVMPGDNIK	24
PPUB+3517	Proteomics_pub	4175041	4175088	+	1	MVVTLIHPIAMDDGLR	16
PPUB+3518	Proteomics_pub	4175101	4175139	+	1	EGGRTVGAGVVAK	13
PPUB+3519	Proteomics_pub	4175790	4175828	+	3	WYVVQAFSGFEGR	13
PPUB+3520	Proteomics_pub	4176030	4176083	+	3	VMGFIGGTS DRPAPISDK	18
PPUB+3521	Proteomics_pub	4176108	4176140	+	3	LQQVGDKPRPK	11
PPUB+3522	Proteomics_pub	4176141	4176170	+	3	TLFEPGEMVR	10
PPUB+3523	Proteomics_pub	4176171	4176230	+	3	VNDGPFADFNQVVEVDYK	20
PPUB+3524	Proteomics_pub	4176237	4176266	+	3	LKVSVSIFGR	10
PPUB+3525	Proteomics_pub	4176267	4176305	+	3	ATPVELDFSQVEK	13
PPUB+3526	Proteomics_pub	4176267	4176308	+	3	ATPVELDFSQVEKA	14
PPUB+3527	Proteomics_pub	4176623	4176664	+	2	GLPIPVVITYADR	14
PPUB+3528	Proteomics_pub	4176686	4176712	+	2	TPPAVLLK	9
PPUB+3529	Proteomics_pub	4176686	4176715	+	2	TPPAVLLKK	10
PPUB+3530	Proteomics_pub	4176716	4176754	+	2	AAGIKSGSGKPNK	13
PPUB+3531	Proteomics_pub	4176770	4176808	+	2	ISRAQLQEIAQTK	13
PPUB+3532	Proteomics_pub	4176779	4176808	+	2	AQLQEIAQTK	10
PPUB+3533	Proteomics_pub	4176809	4176850	+	2	AADMTGADIEAMTR	14
PPUB+3534	Proteomics_pub	4176959	4176994	+	2	QYDINEAIALLK	12
PPUB+3535	Proteomics_pub	4177013	4177060	+	2	FVESVDVAVNLGIDAR	16
PPUB+3536	Proteomics_pub	4177064	4177114	+	2	SDQNVRGATVLPHTGR	17
PPUB+3537	Proteomics_pub	4177082	4177114	+	2	GATVLPHTGR	11
PPUB+3538	Proteomics_pub	4177082	4177123	+	2	GATVLPHTGRSVR	14
PPUB+3539	Proteomics_pub	4177115	4177165	+	2	SVRVAVFTQGANAEEAK	17
PPUB+3540	Proteomics_pub	4177124	4177165	+	2	VAVFTQGANAEEAK	14
PPUB+3541	Proteomics_pub	4177166	4177216	+	2	AAGAELVGMEDLADQIK	17
PPUB+3542	Proteomics_pub	4177166	4177219	+	2	AAGAELVGMEDLADQIKK	18
PPUB+3543	Proteomics_pub	4177217	4177267	+	2	KGEMNFDVVIASPDAMR	17
PPUB+3544	Proteomics_pub	4177268	4177303	+	2	VVGQLGQVLGPR	12
PPUB+3545	Proteomics_pub	4177268	4177324	+	2	VVGQLGQVLGPRGLMPNPK	19

PPUB+3546	Proteomics_pub	4177325	4177363	+	2	VGTVTPNVAEAVK	13
PPUB+3547	Proteomics_pub	4177325	4177372	+	2	VGTVTPNVAEAVKNAK	16
PPUB+3548	Proteomics_pub	4177403	4177432	+	2	NGIIHTTIGK	10
PPUB+3549	Proteomics_pub	4177403	4177453	+	2	NGIIHTTIGKVDFDADK	17
PPUB+3550	Proteomics_pub	4177433	4177459	+	2	VDFDADKLLK	9
PPUB+3551	Proteomics_pub	4177454	4177492	+	2	LKENLEALLVALK	13
PPUB+3552	Proteomics_pub	4177460	4177492	+	2	ENLEALLVALK	11
PPUB+3553	Proteomics_pub	4177460	4177495	+	2	ENLEALLVALKK	12
PPUB+3554	Proteomics_pub	4178022	4178078	+	3	ALNLQDKQAIVAEVSEVAK	19
PPUB+3555	Proteomics_pub	4178043	4178078	+	3	QAIVA EVSEVAK	12
PPUB+3556	Proteomics_pub	4178079	4178111	+	3	GALSAVVADSR	11
PPUB+3557	Proteomics_pub	4178202	4178237	+	3	RAVEGTPFECLK	12
PPUB+3558	Proteomics_pub	4178205	4178237	+	3	AVEGTPFECLK	11
PPUB+3559	Proteomics_pub	4178205	4178300	+	3	AVEGTPFECLKDAFVGPTLIAYSMEHPGAAAR	32
PPUB+3560	Proteomics_pub	4178238	4178300	+	3	DAFVGPTLIAYSMEHPGAAAR	21
PPUB+3561	Proteomics_pub	4178346	4178393	+	3	AAAFEGELIPASQIDR	16
PPUB+3562	Proteomics_pub	4178346	4178432	+	3	AAAFEGELIPASQIDRLATLPTYEEAIAR	29
PPUB+3563	Proteomics_pub	4178394	4178432	+	3	LATLPTYEEAIAR	13
PPUB+3564	Proteomics_pub	4178586	4178672	+	3	SITKDQIIEAVAAMSVM DVVELISAMEEK	29
PPUB+3565	Proteomics_pub	4178598	4178672	+	3	DQIIEAVAAMSVM DVVELISAMEEK	25
PPUB+3566	Proteomics_pub	4178673	4178738	+	3	FGVSAAA AVAAGPVEAAEEK	22
PPUB+3567	Proteomics_pub	4178673	4178762	+	3	FGVSAAA AVAAGPVEAAEEKTEFDVILK	30
PPUB+3568	Proteomics_pub	4178763	4178795	+	3	AAGANKVAVIK	11
PPUB+3569	Proteomics_pub	4178796	4178828	+	3	AVRGATGLGLK	11
PPUB+3570	Proteomics_pub	4178829	4178870	+	3	EAKDLVESAPAALK	14
PPUB+3571	Proteomics_pub	4178838	4178870	+	3	DLVESAPAALK	11
PPUB+3572	Proteomics_pub	4178871	4178906	+	3	EGVSKDDAEALK	12
PPUB+3573	Proteomics_pub	4178907	4178945	+	3	KALEEAGAEVEVK	13
PPUB+3574	Proteomics_pub	4178910	4178945	+	3	ALEEAGAEVEVK	12
PPUB+3575	Proteomics_pub	4179307	4179378	+	1	DFGKR PQVLDVPYLLSIQLDSFQK	24
PPUB+3576	Proteomics_pub	4179319	4179378	+	1	RPQVLDVPYLLSIQLDSFQK	20
PPUB+3577	Proteomics_pub	4179379	4179429	+	1	FIEQDPEGQYGLEAAFR	17
PPUB+3578	Proteomics_pub	4179430	4179489	+	1	SVFPIQSYSGNSELQYVSUR	20
PPUB+3579	Proteomics_pub	4179490	4179531	+	1	LGEPVFDVQECQIR	14
PPUB+3580	Proteomics_pub	4179532	4179558	+	1	GVTYSAPLR	9
PPUB+3581	Proteomics_pub	4179721	4179750	+	1	SPGVFFDSDK	10
PPUB+3582	Proteomics_pub	4179721	4179756	+	1	SPGVFFDSDKGK	12
PPUB+3583	Proteomics_pub	4179808	4179840	+	1	GSWLDFEFDPK	11
PPUB+3584	Proteomics_pub	4179874	4179900	+	1	KLPATIILR	9
PPUB+3585	Proteomics_pub	4179901	4179948	+	1	ALNYTTEQILD LFFEK	16
PPUB+3586	Proteomics_pub	4179967	4180002	+	1	DNKLQMELVPER	12
PPUB+3587	Proteomics_pub	4179976	4180002	+	1	LQMELVPER	9
PPUB+3588	Proteomics_pub	4180003	4180047	+	1	LRGETASFDIEANGK	15
PPUB+3589	Proteomics_pub	4180117	4180152	+	1	LIEVPVEYIAGK	12
PPUB+3590	Proteomics_pub	4180240	4180263	+	1	LSQSGHKR	8
PPUB+3591	Proteomics_pub	4180261	4180323	+	1	RIETLFTNDLDHGPYISETLR	21



PPUB+3592	Proteomics_pub	4180264	4180323	+	1	IETLFTNDLDHGPIYSETLR	20
PPUB+3593	Proteomics_pub	4180402	4180473	+	1	EAAESLFENLFFSEDRYDLSAVGR	24
PPUB+3594	Proteomics_pub	4180489	4180533	+	1	SLLREEIEGSGILSK	15
PPUB+3595	Proteomics_pub	4180501	4180533	+	1	EEIEGSGILSK	11
PPUB+3596	Proteomics_pub	4180534	4180560	+	1	DDIIDVMKK	9
PPUB+3597	Proteomics_pub	4180576	4180620	+	1	NGKGEVDDIDHLGNR	15
PPUB+3598	Proteomics_pub	4180585	4180620	+	1	GEVDDIDHLGNR	12
PPUB+3599	Proteomics_pub	4180585	4180623	+	1	GEVDDIDHLGNRR	13
PPUB+3600	Proteomics_pub	4180630	4180662	+	1	SVGEMAENQFR	11
PPUB+3601	Proteomics_pub	4180777	4180848	+	1	EFFGSSQLSQFMDQNNPLSEITHK	24
PPUB+3602	Proteomics_pub	4180855	4180887	+	1	ISALGPGGLTR	11
PPUB+3603	Proteomics_pub	4180912	4180938	+	1	DVHPHTHYGR	9
PPUB+3604	Proteomics_pub	4181179	4181208	+	1	SKGESSLFSR	10
PPUB+3605	Proteomics_pub	4181302	4181328	+	1	ALMGANMQR	9
PPUB+3606	Proteomics_pub	4181350	4181385	+	1	ADKPLVGTGMER	12
PPUB+3607	Proteomics_pub	4181386	4181424	+	1	AVAVDSGVTAVAK	13
PPUB+3608	Proteomics_pub	4181425	4181460	+	1	RGVQYVDASR	12
PPUB+3609	Proteomics_pub	4181428	4181460	+	1	GGVVQYVDASR	11
PPUB+3610	Proteomics_pub	4181473	4181532	+	1	VNEDEMPGEAGIDIYNLTK	20
PPUB+3611	Proteomics_pub	4181542	4181604	+	1	SNQNTCINQMPCVSLGEPVER	21
PPUB+3612	Proteomics_pub	4181605	4181670	+	1	GDVLADGPGSTDLGELALGQNMNR	22
PPUB+3613	Proteomics_pub	4181671	4181730	+	1	VAFMPWNGYNFEDSILVSR	20
PPUB+3614	Proteomics_pub	4181749	4181790	+	1	FTTIHQELACVSR	14
PPUB+3615	Proteomics_pub	4181800	4181859	+	1	LGPEEITADIPNVGEAALSK	20
PPUB+3616	Proteomics_pub	4181860	4181925	+	1	LDESGIVYIGAEVTGGDILVGK	22
PPUB+3617	Proteomics_pub	4181926	4181967	+	1	VTPKGETQLTPEEK	14
PPUB+3618	Proteomics_pub	4181938	4181967	+	1	GETQLTPEEK	10
PPUB+3619	Proteomics_pub	4181995	4182024	+	1	ASDVKDSSLR	10
PPUB+3620	Proteomics_pub	4182010	4182075	+	1	DSSLRVPNGVSGTVIDVQVFTR	22
PPUB+3621	Proteomics_pub	4182025	4182075	+	1	VPNGVSGTVIDVQVFTR	17
PPUB+3622	Proteomics_pub	4182064	4182138	+	1	IFTEDGVSIPVTVIEVEANRVTQVK	25
PPUB+3623	Proteomics_pub	4182097	4182129	+	1	RALEIEEMQLK	11
PPUB+3624	Proteomics_pub	4182100	4182129	+	1	ALEIEEMQLK	10
PPUB+3625	Proteomics_pub	4182139	4182189	+	1	KDLSEELQILEAGLFSR	17
PPUB+3626	Proteomics_pub	4182142	4182189	+	1	DLSEELQILEAGLFSR	16
PPUB+3627	Proteomics_pub	4182196	4182231	+	1	AVLVAGGVEAEK	12
PPUB+3628	Proteomics_pub	4182196	4182240	+	1	AVLVAGGVEAEKLDK	15
PPUB+3629	Proteomics_pub	4182250	4182288	+	1	DRWLELGLTDEEK	13
PPUB+3630	Proteomics_pub	4182256	4182288	+	1	WLELGLTDEEK	11
PPUB+3631	Proteomics_pub	4182289	4182333	+	1	QNQLEQLAEQYDELK	15
PPUB+3632	Proteomics_pub	4182370	4182411	+	1	KITQGDDLAPGVLK	14
PPUB+3633	Proteomics_pub	4182373	4182411	+	1	ITQGDDLAPGVLK	13
PPUB+3634	Proteomics_pub	4182502	4182585	+	1	INPIEDMPYDENGTPVDIVLNLPLGVPSR	28
PPUB+3635	Proteomics_pub	4182586	4182633	+	1	MNIGQILETHLGMAAK	16
PPUB+3636	Proteomics_pub	4182709	4182735	+	1	AYDLGADV	9
PPUB+3637	Proteomics_pub	4182736	4182780	+	1	QKVDLSTFSDEEVMR	15

PPUB+3638	Proteomics_pub	4182742	4182780	+	1	VDLSTFSDEEVMR	13
PPUB+3639	Proteomics_pub	4182799	4182840	+	1	KGMPIATPVFDGAK	14
PPUB+3640	Proteomics_pub	4182802	4182840	+	1	GMPIATPVFDGAK	13
PPUB+3641	Proteomics_pub	4182868	4182900	+	1	LGDLPTSGQIR	11
PPUB+3642	Proteomics_pub	4182916	4182969	+	1	TGEQFERPVTGYMYMLK	18
PPUB+3643	Proteomics_pub	4182970	4182993	+	1	LNHLVDDK	8
PPUB+3644	Proteomics_pub	4182970	4183005	+	1	LNHLVDDKM HAR	12
PPUB+3645	Proteomics_pub	4183006	4183053	+	1	STGSYSLVTTQQPLGGK	16
PPUB+3646	Proteomics_pub	4183075	4183149	+	1	FGEMEVWALEAYGAAYTLQEMLTVK	25
PPUB+3647	Proteomics_pub	4183252	4183293	+	1	EIRSLGINIELEDE	14
PPUB+3648	Proteomics_pub	4183436	4183465	+	2	IALASPD MIR	10
PPUB+3649	Proteomics_pub	4183466	4183489	+	2	SWSFGVEVK	8
PPUB+3650	Proteomics_pub	4183466	4183513	+	2	SWSFGVEVKKPETINYR	16
PPUB+3651	Proteomics_pub	4183553	4183594	+	2	IFGPVKDYECLCGK	14
PPUB+3652	Proteomics_pub	4183571	4183594	+	2	DYECLCGK	8
PPUB+3653	Proteomics_pub	4183634	4183660	+	2	CGVEVTQTK	9
PPUB+3654	Proteomics_pub	4183676	4183726	+	2	MGHIELASPTAHIWFLK	17
PPUB+3655	Proteomics_pub	4183742	4183771	+	2	IGLLDMPLR	10
PPUB+3656	Proteomics_pub	4183742	4183783	+	2	IGLLDMPLRDIER	14
PPUB+3657	Proteomics_pub	4183841	4183909	+	2	QQILTEEQYLDAL EEF GDEFDAK	23
PPUB+3658	Proteomics_pub	4183910	4183942	+	2	MGAEAIQALLK	11
PPUB+3659	Proteomics_pub	4183943	4184011	+	2	SMDLEQECEQLREELNETNSETK	23
PPUB+3660	Proteomics_pub	4183979	4184011	+	2	EELNETNSETK	11
PPUB+3661	Proteomics_pub	4183979	4184014	+	2	EELNETNSETKR	12
PPUB+3662	Proteomics_pub	4184150	4184182	+	2	FATSDLNDLYR	11
PPUB+3663	Proteomics_pub	4184150	4184185	+	2	FATSDLNDLYRR	12
PPUB+3664	Proteomics_pub	4184213	4184251	+	2	RLLDLAAPDIIVR	13
PPUB+3665	Proteomics_pub	4184216	4184251	+	2	LLDLAAPDIIVR	12
PPUB+3666	Proteomics_pub	4184261	4184305	+	2	RMLQEAVDALLDN GR	15
PPUB+3667	Proteomics_pub	4184264	4184305	+	2	MLQEAVDALLDN GR	14
PPUB+3668	Proteomics_pub	4184264	4184308	+	2	MLQEAVDALLDN GR	15
PPUB+3669	Proteomics_pub	4184315	4184347	+	2	AITGSNKRPLK	11
PPUB+3670	Proteomics_pub	4184429	4184458	+	2	SVITVGPYLR	10
PPUB+3671	Proteomics_pub	4184459	4184482	+	2	LHQCGLPK	8
PPUB+3672	Proteomics_pub	4184486	4184524	+	2	MALELFKPFYIGK	13
PPUB+3673	Proteomics_pub	4184582	4184623	+	2	EEAVVWDILDEVIR	14
PPUB+3674	Proteomics_pub	4184624	4184647	+	2	EHPVLLNR	8
PPUB+3675	Proteomics_pub	4184666	4184707	+	2	LGIQAFEPVLIEGK	14
PPUB+3676	Proteomics_pub	4184936	4184965	+	2	GEGMVLTPGPK	10
PPUB+3677	Proteomics_pub	4184987	4185013	+	2	SGLASLHAR	9
PPUB+3678	Proteomics_pub	4185026	4185070	+	2	ITEYEKDANGELVAK	15
PPUB+3679	Proteomics_pub	4185044	4185070	+	2	DANGELVAK	9
PPUB+3680	Proteomics_pub	4185071	4185100	+	2	TSLKDTTVGR	10
PPUB+3681	Proteomics_pub	4185071	4185100	+	2	TSLXDTTVGR	10
PPUB+3682	Proteomics_pub	4185101	4185127	+	2	AILWMIVPK	9
PPUB+3683	Proteomics_pub	4185128	4185166	+	2	GLPYSIVNQALGK	13

PPUB+3684	Proteomics_pub	4185128	4185169	+	2	GLPYSIVNQALGKK	14
PPUB+3685	Proteomics_pub	4185182	4185202	+	2	MLNTCYR	7
PPUB+3686	Proteomics_pub	4185203	4185274	+	2	ILGLKPTVIFADQIMYTGFAAAR	24
PPUB+3687	Proteomics_pub	4185275	4185319	+	2	SGASVGIDDMVIPEK	15
PPUB+3688	Proteomics_pub	4185275	4185322	+	2	SGASVGIDDMVIPEKK	16
PPUB+3689	Proteomics_pub	4185416	4185448	+	2	VIDIWAAANDR	11
PPUB+3690	Proteomics_pub	4185458	4185499	+	2	AMMDNLQTETVINR	14
PPUB+3691	Proteomics_pub	4185458	4185517	+	2	AMMDNLQTETVINRDGQEEK	20
PPUB+3692	Proteomics_pub	4185605	4185664	+	2	GLMAKPDGSIETPITANFR	20
PPUB+3693	Proteomics_pub	4185665	4185712	+	2	EGLNVLQYFISTHGAR	16
PPUB+3694	Proteomics_pub	4185740	4185766	+	2	TANSGYLTR	9
PPUB+3695	Proteomics_pub	4185899	4185952	+	2	VTAEDVLKPGTADILVPR	18
PPUB+3696	Proteomics_pub	4185953	4186015	+	2	NTLLHEQWCDLLEENSVDVAVK	21
PPUB+3697	Proteomics_pub	4186022	4186075	+	2	SVVSCDTDFGVCAHCYGR	18
PPUB+3698	Proteomics_pub	4186106	4186171	+	2	GEAIGVIAAQSIGEPGTQLTMR	22
PPUB+3699	Proteomics_pub	4186172	4186201	+	2	TFHIGGAASR	10
PPUB+3700	Proteomics_pub	4186349	4186387	+	2	ESYKVPYGAVLAK	13
PPUB+3701	Proteomics_pub	4186361	4186387	+	2	VPYGAVLAK	9
PPUB+3702	Proteomics_pub	4186388	4186480	+	2	GDGEQVAGGETVANWDPHTMPVITEVSGFVR	31
PPUB+3703	Proteomics_pub	4186481	4186516	+	2	FTDMIDGQTITR	12
PPUB+3704	Proteomics_pub	4186517	4186573	+	2	QTDELTLGLSSLVVLSAER	19
PPUB+3705	Proteomics_pub	4186610	4186684	+	2	IVDAQGNDVLIIPGTDMPAQYFLPGK	25
PPUB+3706	Proteomics_pub	4186685	4186741	+	2	AIVQLEDGVQISSGDTLAR	19
PPUB+3707	Proteomics_pub	4186742	4186768	+	2	IPQESGGTK	9
PPUB+3708	Proteomics_pub	4186769	4186792	+	2	DITGGLPR	8
PPUB+3709	Proteomics_pub	4186826	4186873	+	2	EPAILAEISGIVSFGK	16
PPUB+3710	Proteomics_pub	4186895	4186948	+	2	LVITPVDGSDPYEEMIPK	18
PPUB+3711	Proteomics_pub	4186955	4186981	+	2	QLNVFEGER	9
PPUB+3712	Proteomics_pub	4186982	4187038	+	2	VERGDVISDGPPEAPHDILR	19
PPUB+3713	Proteomics_pub	4186991	4187038	+	2	GDVISDGPPEAPHDILR	16
PPUB+3714	Proteomics_pub	4187066	4187098	+	2	YIVNEVQDVYR	11
PPUB+3715	Proteomics_pub	4187114	4187146	+	2	INDKHIEVIVR	11
PPUB+3716	Proteomics_pub	4187159	4187224	+	2	KATIVNAGSSDFLEGEQVEYSR	22
PPUB+3717	Proteomics_pub	4187162	4187224	+	2	ATIVNAGSSDFLEGEQVEYSR	21
PPUB+3718	Proteomics_pub	4187231	4187263	+	2	IANRELEANGK	11
PPUB+3719	Proteomics_pub	4187306	4187362	+	2	ASLATESFISAASFQETTR	19
PPUB+3720	Proteomics_pub	4187363	4187392	+	2	VLTEAAVAGK	10
PPUB+3721	Proteomics_pub	4187363	4187395	+	2	VLTEAAVAGKR	11
PPUB+3722	Proteomics_pub	4187408	4187437	+	2	GLKENVIVGR	10
PPUB+3723	Proteomics_pub	4187438	4187479	+	2	LIPAGTGYAYHQDR	14
PPUB+3724	Proteomics_pub	4187492	4187593	+	2	AAGEAAPAQVTAEDASASLAELLNAGLGGSDNE	34
PPUB+3725	Proteomics_pub	4193595	4193648	+	3	DALAPHISAETIEYHYGK	18
PPUB+3726	Proteomics_pub	4195859	4195891	+	2	AQAGDFMSLCK	11
PPUB+3727	Proteomics_pub	4196033	4196056	+	2	FTSPVTCK	8
PPUB+3728	Proteomics_pub	4196462	4196488	+	2	RVPVTLFTK	9
PPUB+3729	Proteomics_pub	4197722	4197748	+	2	VNFDSQLEK	9

PPUB+3730	Proteomics_pub	4197848	4197889	+	2	LSGETLEHAVEVSK	14
PPUB+3731	Proteomics_pub	4198076	4198114	+	2	EAGESNIGIIFQQ	13
PPUB+3732	Proteomics_pub	4198304	4198342	+	2	MNKTQLIDVIAEK	13
PPUB+3733	Proteomics_pub	4198313	4198342	+	2	TQLIDVIAEK	10
PPUB+3734	Proteomics_pub	4198313	4198357	+	2	TQLIDVIAEKAELSK	15
PPUB+3735	Proteomics_pub	4198370	4198414	+	2	AALESTLAAITESLK	15
PPUB+3736	Proteomics_pub	4198370	4198456	+	2	AALESTLAAITESLKEGDAVQLVGFQTFK	29
PPUB+3737	Proteomics_pub	4198415	4198456	+	2	EGDAVQLVGFQTFK	14
PPUB+3738	Proteomics_pub	4198478	4198504	+	2	TGRNPQTGK	9
PPUB+3739	Proteomics_pub	4198478	4198504	+	2	TGRNPQTGK	9
PPUB+3740	Proteomics_pub	4198514	4198552	+	2	IAAANVPFVSGK	13
PPUB+3741	Proteomics_pub	4223777	4223815	+	2	TDDTANAQQAQEW	13
PPUB+3742	Proteomics_pub	4224839	4224868	+	2	GVVGLFPANR	10
PPUB+3743	Proteomics_pub	4231781	4231831	+	2	MKNINPTQTAAWQALQK	17
PPUB+3744	Proteomics_pub	4231787	4231831	+	2	NINPTQTAAWQALQK	15
PPUB+3745	Proteomics_pub	4231832	4231879	+	2	HFDEMKDVTIADLFAK	16
PPUB+3746	Proteomics_pub	4231850	4231879	+	2	DVTIADLFAK	10
PPUB+3747	Proteomics_pub	4231901	4231945	+	2	FSATFDDQMLVDYSK	15
PPUB+3748	Proteomics_pub	4231946	4231975	+	2	NRITEETLAK	10
PPUB+3749	Proteomics_pub	4231994	4232020	+	2	ECDLAGAIK	9
PPUB+3750	Proteomics_pub	4232093	4232122	+	2	SNTPIILVDGK	10
PPUB+3751	Proteomics_pub	4232093	4232158	+	2	SNTPIILVDGKDVMPVNAVLEK	22
PPUB+3752	Proteomics_pub	4232123	4232158	+	2	DVMPVNAVLEK	12
PPUB+3753	Proteomics_pub	4232165	4232200	+	2	TFSEAIISGEWK	12
PPUB+3754	Proteomics_pub	4232216	4232299	+	2	AITDVVNIGIGGSDLGPYMVTEALRPYK	28
PPUB+3755	Proteomics_pub	4232300	4232362	+	2	NHLNMHFVSNVDGTHIAEVLK	21
PPUB+3756	Proteomics_pub	4232363	4232404	+	2	KVNPETTLFLVASK	14
PPUB+3757	Proteomics_pub	4232366	4232404	+	2	VNPETTLFLVASK	13
PPUB+3758	Proteomics_pub	4232405	4232449	+	2	TFTTQETMTNAHSAR	15
PPUB+3759	Proteomics_pub	4232495	4232524	+	2	HFAALSTNAK	10
PPUB+3760	Proteomics_pub	4232687	4232713	+	2	HFSTTPAEK	9
PPUB+3761	Proteomics_pub	4232813	4232857	+	2	FAAYFQQGNMESNGK	15
PPUB+3762	Proteomics_pub	4232870	4232971	+	2	NGNVVDYQTGPPIIWGEPGTNGQHAFYQLIHQGTK	34
PPUB+3763	Proteomics_pub	4233038	4233085	+	2	LLSNFFAQTEALAFGK	16
PPUB+3764	Proteomics_pub	4233086	4233115	+	2	SREVVEQEYR	10
PPUB+3765	Proteomics_pub	4233092	4233127	+	2	EVVEQEYRDQGK	12
PPUB+3766	Proteomics_pub	4233116	4233163	+	2	DQGKDPATLDYVVPFK	16
PPUB+3767	Proteomics_pub	4233128	4233163	+	2	DPATLDYVVPFK	12
PPUB+3768	Proteomics_pub	4233164	4233205	+	2	VFEGNRPTNSILLR	14
PPUB+3769	Proteomics_pub	4233206	4233256	+	2	EITPFSLGALIALYEHK	17
PPUB+3770	Proteomics_pub	4233365	4233409	+	2	EISSHDSSTNGLINR	15
PPUB+3771	Proteomics_pub	4244810	4244839	+	2	ASVQLQNVTK	10
PPUB+3772	Proteomics_pub	4245005	4245031	+	2	MNDTPPAER	9
PPUB+3773	Proteomics_pub	4245491	4245520	+	2	FVAGFIGSPK	10
PPUB+3774	Proteomics_pub	4246336	4246383	+	1	NLIEWLPGSTIWAGKR	16
PPUB+3775	Proteomics_pub	4247074	4247100	+	1	TGDKNNQYK	9

PPUB+3776	Proteomics_pub	4247245	4247283	+	1	AVPADFNNGGSFGR	13
PPUB+3777	Proteomics_pub	4248018	4248044	+	3	LTPALGQQK	9
PPUB+3778	Proteomics_pub	4248075	4248113	+	3	DLQQTQLLDPK	13
PPUB+3779	Proteomics_pub	4248126	4248170	+	3	GVGNSIPDIPDVAR	15
PPUB+3780	Proteomics_pub	4255159	4255185	+	1	QQEVFDLIR	9
PPUB+3781	Proteomics_pub	4255339	4255380	+	1	LLQEEEEGLPLVGR	14
PPUB+3782	Proteomics_pub	4257329	4257364	+	2	LTDDDMTIIEGK	12
PPUB+3783	Proteomics_pub	4257329	4257367	+	2	LTDDDMTIIEGKR	13
PPUB+3784	Proteomics_pub	4260556	4260594	+	1	ELSQGTYLGHITR	13
PPUB+3785	Proteomics_pub	4260643	4260669	+	1	RYLSENAHK	9
PPUB+3786	Proteomics_pub	4265365	4265412	+	1	HAIAPLLFGADHPVLK	16
PPUB+3787	Proteomics_pub	4265422	4265463	+	1	VATIQLTGGSGALK	14
PPUB+3788	Proteomics_pub	4265614	4265640	+	1	FNDLLATLK	9
PPUB+3789	Proteomics_pub	4265902	4265949	+	1	VGGLSVMCEDAEAAGR	16
PPUB+3790	Proteomics_pub	4266052	4266084	+	1	ASWLAEVEEMR	11
PPUB+3791	Proteomics_pub	4266148	4266174	+	1	NFDYLLNQR	9
PPUB+3792	Proteomics_pub	4266175	4266219	+	1	GMFSYTGLSAAQVDR	15
PPUB+3793	Proteomics_pub	4266220	4266261	+	1	LREEFGVYAVASGR	14
PPUB+3794	Proteomics_pub	4266262	4266300	+	1	MCVAGLNTANVQR	13
PPUB+3795	Proteomics_pub	4272172	4272213	+	1	VILVGNLQDPEVR	14
PPUB+3796	Proteomics_pub	4272337	4272366	+	1	LAEVASEYLR	10
PPUB+3797	Proteomics_pub	4272370	4272402	+	1	GSQVYIEGQLR	11
PPUB+3798	Proteomics_pub	4272409	4272438	+	1	KWTDQSGQDR	10
PPUB+3799	Proteomics_pub	4272412	4272438	+	1	WTDQSGQDR	9
PPUB+3800	Proteomics_pub	4272412	4272495	+	1	WTDQSGQDRYTTEVVVNVGGTMQMLGGR	28
PPUB+3801	Proteomics_pub	4279467	4279508	+	3	NDVSSVQEENLER	14
PPUB+3802	Proteomics_pub	4328564	4328590	+	2	DVTIIDDGK	9
PPUB+3803	Proteomics_pub	4329179	4329223	+	2	HALEETPAFQQHVDK	15
PPUB+3804	Proteomics_pub	4329905	4329943	+	2	EILVEHYDNIEQK	13
PPUB+3805	Proteomics_pub	4329944	4329985	+	2	IDDIDHEIADLQAK	14
PPUB+3806	Proteomics_pub	4368711	4368737	+	3	MNIRPLHDR	9
PPUB+3807	Proteomics_pub	4368771	4368812	+	3	SAGGIVLTGSAAAK	14
PPUB+3808	Proteomics_pub	4368813	4368851	+	3	STRGEVLAVGNR	13
PPUB+3809	Proteomics_pub	4368822	4368851	+	3	GEVLAVGNR	10
PPUB+3810	Proteomics_pub	4368852	4368890	+	3	ILENGEVKPLDVK	13
PPUB+3811	Proteomics_pub	4368891	4368932	+	3	VGDIVIFNDGYGVK	14
PPUB+3812	Proteomics_pub	4368942	4369001	+	3	IDNEEVLIMSESDILAIVEA	20
PPUB+3813	Proteomics_pub	4369093	4369131	+	1	MLRGVNVLADAVK	13
PPUB+3814	Proteomics_pub	4369102	4369131	+	1	GVNVLADAVK	10
PPUB+3815	Proteomics_pub	4369102	4369149	+	1	GVNVLADAVKVTLGPK	16
PPUB+3816	Proteomics_pub	4369156	4369200	+	1	NVVLDKSFGAPTITK	15
PPUB+3817	Proteomics_pub	4369174	4369200	+	1	SFGAPTITK	9
PPUB+3818	Proteomics_pub	4369174	4369221	+	1	SFGAPTITKDGVSVAR	16
PPUB+3819	Proteomics_pub	4369222	4369272	+	1	EIELEDKFENMGAQMVK	17
PPUB+3820	Proteomics_pub	4369243	4369272	+	1	FENMGAQMVK	10
PPUB+3821	Proteomics_pub	4369288	4369362	+	1	ANDAAGDGTTTATVLAQAIITEGLK	25

PPUB+3822	Proteomics_pub	4369363	4369398	+	1	AVAAGMNPMDLK	12
PPUB+3823	Proteomics_pub	4369363	4369401	+	1	AVAAGMNPMDLKR	13
PPUB+3824	Proteomics_pub	4369402	4369443	+	1	GIDKAVTAAVEELK	14
PPUB+3825	Proteomics_pub	4369414	4369443	+	1	AVTAAVEELK	10
PPUB+3826	Proteomics_pub	4369444	4369473	+	1	ALSVPCSDSK	10
PPUB+3827	Proteomics_pub	4369474	4369527	+	1	AIAQVGTISANSDETVGK	18
PPUB+3828	Proteomics_pub	4369474	4369551	+	1	AIAQVGTISANSDETVGKLIAEAMDK	26
PPUB+3829	Proteomics_pub	4369528	4369560	+	1	LIAEAMDKVVK	11
PPUB+3830	Proteomics_pub	4369561	4369638	+	1	EGVITVEDGTGLQDELDDVVEGMQFDR	26
PPUB+3831	Proteomics_pub	4369639	4369722	+	1	GYLSPYFINKPETGAVELESPFILLADK	28
PPUB+3832	Proteomics_pub	4369639	4369725	+	1	GYLSPYFINKPETGAVELESPFILLADKK	29
PPUB+3833	Proteomics_pub	4369726	4369773	+	1	ISNIREMLPVLEAVAK	16
PPUB+3834	Proteomics_pub	4369741	4369773	+	1	EMLPVLEAVAK	11
PPUB+3835	Proteomics_pub	4369774	4369851	+	1	AGKPLLIIAEDVEGEALATLVVNTMR	26
PPUB+3836	Proteomics_pub	4369864	4369899	+	1	VAAVKAPGFGDR	12
PPUB+3837	Proteomics_pub	4369879	4369902	+	1	APGFGDRR	8
PPUB+3838	Proteomics_pub	4369906	4369980	+	1	AMLQDIATLTGGTVISEEIGMELEK	25
PPUB+3839	Proteomics_pub	4369981	4370010	+	1	ATLEDLGQAK	10
PPUB+3840	Proteomics_pub	4369981	4370013	+	1	ATLEDLGQAKR	11
PPUB+3841	Proteomics_pub	4370014	4370082	+	1	VVINKDTTTIIDGVGEEAAIQGR	23
PPUB+3842	Proteomics_pub	4370029	4370082	+	1	DTTTIIDGVGEEAAIQGR	18
PPUB+3843	Proteomics_pub	4370098	4370133	+	1	QQIEEATSDYDR	12
PPUB+3844	Proteomics_pub	4370098	4370139	+	1	QQIEEATSDYDREK	14
PPUB+3845	Proteomics_pub	4370188	4370217	+	1	VGAATEVEMK	10
PPUB+3846	Proteomics_pub	4370188	4370223	+	1	VGAATEVEMKEK	12
PPUB+3847	Proteomics_pub	4370227	4370259	+	1	ARVEDALHATR	11
PPUB+3848	Proteomics_pub	4370233	4370259	+	1	VEDALHATR	9
PPUB+3849	Proteomics_pub	4370260	4370310	+	1	AAVEEGVVAGGGVALIR	17
PPUB+3850	Proteomics_pub	4370323	4370370	+	1	LADLRGQNEQNVGIK	16
PPUB+3851	Proteomics_pub	4370338	4370370	+	1	GQNEQNVGIK	11
PPUB+3852	Proteomics_pub	4370383	4370457	+	1	AMEAPLRQIVLNCGEEPSVVANTVK	25
PPUB+3853	Proteomics_pub	4370404	4370457	+	1	QIVLNCGEEPSVVANTVK	18
PPUB+3854	Proteomics_pub	4370458	4370541	+	1	GGDGNYGYNAAATEEYGNMIDMGILDPTK	28
PPUB+3855	Proteomics_pub	4370551	4370625	+	1	SALQYAASVAGLMITTECMVTDLPK	25
PPUB+3856	Proteomics_pub	4370626	4370691	+	1	NDAADLGAAGGMGGMGGMGGMM	22
PPUB+3857	Proteomics_pub	4373725	4373751	+	1	ATYYSNDFR	9
PPUB+3858	Proteomics_pub	4373725	4373763	+	1	ATYYSNDFRAGLK	13
PPUB+3859	Proteomics_pub	4374151	4374210	+	1	GDTAGTGGKPATLSTGAVVK	20
PPUB+3860	Proteomics_pub	4374211	4374246	+	1	VPLFVQIGEVIK	12
PPUB+3861	Proteomics_pub	4381044	4381130	+	3	LMNEVDDLLQQVLDCPAAESLSYQQAFLR	29
PPUB+3862	Proteomics_pub	4381131	4381163	+	3	YLEIDPLSADK	11
PPUB+3863	Proteomics_pub	4381131	4381175	+	3	YLEIDPLSADKTQLR	15
PPUB+3864	Proteomics_pub	4381482	4381529	+	3	GLPQHPIDQNLIEALK	16
PPUB+3865	Proteomics_pub	4389630	4389698	+	3	SANENNLIIWIDLEMTGLDPERDR	23
PPUB+3866	Proteomics_pub	4389819	4389848	+	3	THTASGLVER	10
PPUB+3867	Proteomics_pub	4389876	4389908	+	3	EAELATLEFLK	11

PPUB+3868	Proteomics_pub	4389930	4389965	+	3	SPICGNSIGQDR	12
PPUB+3869	Proteomics_pub	4389930	4389968	+	3	SPICGNSIGQDRR	13
PPUB+3870	Proteomics_pub	4389981	4390016	+	3	YMPELEAYFHyr	12
PPUB+3871	Proteomics_pub	4390056	4390088	+	3	WKPEILDGFTK	11
PPUB+3872	Proteomics_pub	4390122	4390151	+	3	ESVAELAYR	10
PPUB+3873	Proteomics_pub	4398314	4398358	+	2	AKGQSLQDPFLNALR	15
PPUB+3874	Proteomics_pub	4398320	4398358	+	2	GQSLQDPFLNALR	13
PPUB+3875	Proteomics_pub	4398320	4398361	+	2	GQSLQDPFLNALRR	14
PPUB+3876	Proteomics_pub	4398362	4398403	+	2	ERVVSIYLVNGIK	14
PPUB+3877	Proteomics_pub	4398368	4398403	+	2	VPVSIYLVNGIK	12
PPUB+3878	Proteomics_pub	4398404	4398451	+	2	LQGQIESFDQFVILLK	16
PPUB+3879	Proteomics_pub	4398452	4398478	+	2	NTVSQMYYK	9
PPUB+3880	Proteomics_pub	4398908	4398964	+	2	ATGASVVLFDHALSPAQR	19
PPUB+3881	Proteomics_pub	4399775	4399807	+	2	LSGEVAQHTLR	11
PPUB+3882	Proteomics_pub	4399841	4399867	+	2	FYQLQAIK	9
PPUB+3883	Proteomics_pub	4400163	4400198	+	3	DQGPPDLDIFR	12
PPUB+3884	Proteomics_pub	4400238	4400297	+	3	GTGSGGGSSSQGPRPQLGGR	20
PPUB+3885	Proteomics_pub	4400535	4400558	+	3	VEMNVQYR	8
PPUB+3886	Proteomics_pub	4400577	4400615	+	3	YLYSVTSPDDSLR	13
PPUB+3887	Proteomics_pub	4400805	4400834	+	3	AAFDDAIAAR	10
PPUB+3888	Proteomics_pub	4400859	4400894	+	3	EAEAYTNEVQPR	12
PPUB+3889	Proteomics_pub	4400943	4400981	+	3	AQTILEAQGEVAR	13
PPUB+3890	Proteomics_pub	4401578	4401604	+	2	DLIVDSYIK	9
PPUB+3891	Proteomics_pub	4401956	4402000	+	2	QINLPTEVSEAIYNR	15
PPUB+3892	Proteomics_pub	4402073	4402099	+	2	ATADYEVTR	9
PPUB+3893	Proteomics_pub	4402166	4402216	+	2	LFADAFSKDPDFYAFIR	17
PPUB+3894	Proteomics_pub	4402190	4402216	+	2	DPDFYAFIR	9
PPUB+3895	Proteomics_pub	4402713	4402760	+	3	GNNVVVLGTQWGDEGK	16
PPUB+3896	Proteomics_pub	4402809	4402859	+	3	YQGGHNAGHTLVINGEK	17
PPUB+3897	Proteomics_pub	4402860	4402895	+	3	TVLHLIPSGILR	12
PPUB+3898	Proteomics_pub	4402896	4402955	+	3	ENVTSIINGVVLSPAALMK	20
PPUB+3899	Proteomics_pub	4403001	4403063	+	3	LLLSEACPLILDYHVALDNAR	21
PPUB+3900	Proteomics_pub	4403106	4403132	+	3	GIGPAYEDK	9
PPUB+3901	Proteomics_pub	4403106	4403141	+	3	GIGPAYEDKVAR	12
PPUB+3902	Proteomics_pub	4403154	4403192	+	3	VGDLFDKETFAEK	13
PPUB+3903	Proteomics_pub	4403193	4403243	+	3	LKEVMEYHNFQLVNYK	17
PPUB+3904	Proteomics_pub	4403199	4403243	+	3	EVMYHNFQLVNYK	15
PPUB+3905	Proteomics_pub	4403268	4403348	+	3	VLDDTMAVADILTSMVVDVSDLLDQAR	27
PPUB+3906	Proteomics_pub	4403484	4403513	+	3	YVDYVLGILK	10
PPUB+3907	Proteomics_pub	4403484	4403528	+	3	YVDYVLGILKAYSTR	15
PPUB+3908	Proteomics_pub	4403589	4403621	+	3	QGNFEGATTGR	11
PPUB+3909	Proteomics_pub	4403628	4403660	+	3	RTGWLDTVAVR	11
PPUB+3910	Proteomics_pub	4403631	4403660	+	3	TGWLDTVAVR	10
PPUB+3911	Proteomics_pub	4403631	4403663	+	3	TGWLDTVAVRR	11
PPUB+3912	Proteomics_pub	4403661	4403705	+	3	RAVQLNSLSGFCLTK	15
PPUB+3913	Proteomics_pub	4403664	4403705	+	3	AVQLNSLSGFCLTK	14

PPUB+3914	Proteomics_pub	4403772	4403810	+	3	EVTTPPLAADDWK	13
PPUB+3915	Proteomics_pub	4403811	4403870	+	3	GVEPIYETMPGWSESTFGVK	20
PPUB+3916	Proteomics_pub	4403877	4403912	+	3	SGLPQAALNYIK	12
PPUB+3917	Proteomics_pub	4403913	4403969	+	3	RIEELTGVPIDIISTGPDR	19
PPUB+3918	Proteomics_pub	4403916	4403969	+	3	IEELTGVPIDIISTGPDR	18
PPUB+3919	Proteomics_pub	4403970	4404005	+	3	TETMILRDPFDA	12
PPUB+3920	Proteomics_pub	4404740	4404766	+	2	EFILEHLTK	9
PPUB+3921	Proteomics_pub	4404869	4404892	+	2	DGQLVFTR	8
PPUB+3922	Proteomics_pub	4405832	4405867	+	2	VWHILQGDQDLR	12
PPUB+3923	Proteomics_pub	4405949	4405981	+	2	GGISFESEEA	11
PPUB+3924	Proteomics_pub	4406129	4406170	+	2	IHDKPSTEAITSF	14
PPUB+3925	Proteomics_pub	4406309	4406335	+	2	QAIYDPENR	9
PPUB+3926	Proteomics_pub	4406747	4406779	+	2	LMGESSGQTYR	11
PPUB+3927	Proteomics_pub	4406831	4406863	+	2	KIDFSLISSER	11
PPUB+3928	Proteomics_pub	4407481	4407516	+	1	SDGAVHQGIAR	12
PPUB+3929	Proteomics_pub	4407532	4407639	+	1	QYQENDLPDLIASLDQPFLILDGVTDPHNLGACLR	36
PPUB+3930	Proteomics_pub	4423147	4423212	+	1	HYEIVFMVHPDQSEQVPGMIER	22
PPUB+3931	Proteomics_pub	4423213	4423245	+	1	YTAAITGAEGK	11
PPUB+3932	Proteomics_pub	4423246	4423272	+	1	IHRLEDWGR	9
PPUB+3933	Proteomics_pub	4423273	4423299	+	1	RQLAYPINK	9
PPUB+3934	Proteomics_pub	4423276	4423299	+	1	QLAYPINK	8
PPUB+3935	Proteomics_pub	4423309	4423377	+	1	AHYVLMNVEAPQEVIDELETTFR	23
PPUB+3936	Proteomics_pub	4423414	4423452	+	1	TKHAVTEASPMVK	13
PPUB+3937	Proteomics_pub	4423420	4423452	+	1	HAVTEASPMVK	11
PPUB+3938	Proteomics_pub	4423477	4423533	+	1	RDDFANETADDAEAGDSEE	19
PPUB+3939	Proteomics_pub	4423480	4423533	+	1	DDFANETADDAEAGDSEE	18
PPUB+3940	Proteomics_pub	4423898	4423933	+	2	FTAEGVQEIDYK	12
PPUB+3941	Proteomics_pub	4423898	4423951	+	2	FTAEGVQEIDYKDIATLK	18
PPUB+3942	Proteomics_pub	4423952	4423990	+	2	NYITESGKIVPSR	13
PPUB+3943	Proteomics_pub	4424051	4424080	+	2	YLSLLPYTDR	10
PPUB+3944	Proteomics_pub	4424051	4424086	+	2	YLSLLPYTDRHQ	12
PPUB+3945	Proteomics_pub	4424155	4424196	+	1	VANLGSLGDQVNVK	14
PPUB+3946	Proteomics_pub	4424197	4424235	+	1	AGYARNFLVPQGK	13
PPUB+3947	Proteomics_pub	4424212	4424235	+	1	NFLVPQGK	8
PPUB+3948	Proteomics_pub	4424254	4424280	+	1	KNIEFFEAR	9
PPUB+3949	Proteomics_pub	4424302	4424334	+	1	LAEVLAANAR	11
PPUB+3950	Proteomics_pub	4424302	4424343	+	1	LAEVLAANARA EK	14
PPUB+3951	Proteomics_pub	4424344	4424379	+	1	INALETVTIASK	12
PPUB+3952	Proteomics_pub	4424422	4424466	+	1	DIADAVTAAGVEVAK	15
PPUB+3953	Proteomics_pub	4424467	4424499	+	1	SEVRLPNGVLR	11
PPUB+3954	Proteomics_pub	4424500	4424553	+	1	TTGEHEVSFQVHSEVFAK	18
PPUB+3955	Proteomics_pub	4427105	4427137	+	2	HPAVPVDVVHR	11
PPUB+3956	Proteomics_pub	4427186	4427215	+	2	FQAMAAEGVK	10
PPUB+3957	Proteomics_pub	4427216	4427239	+	2	YLEENAKK	8
PPUB+3958	Proteomics_pub	4427237	4427278	+	2	KEGVNSTESGLQFR	14
PPUB+3959	Proteomics_pub	4427240	4427278	+	2	EGVNSTESGLQFR	13



PPUB+3960	Proteomics_pub	4427279	4427314	+	2	VINQGEAIPAR	12
PPUB+3961	Proteomics_pub	4427279	4427323	+	2	VINQGEAIPARTDR	15
PPUB+3962	Proteomics_pub	4427330	4427386	+	2	VHYTGKLDIGTVFDSSVAR	19
PPUB+3963	Proteomics_pub	4427348	4427386	+	2	LIDGTVFDSSVAR	13
PPUB+3964	Proteomics_pub	4427387	4427467	+	2	GEPAEFPVNGVIPGWIEALTLMPVGSK	27
PPUB+3965	Proteomics_pub	4427468	4427509	+	2	WELTIPQELAYGER	14
PPUB+3966	Proteomics_pub	4435270	4435326	+	1	EYLQQLGEHQTTSIGSSLK	19
PPUB+3967	Proteomics_pub	4435477	4435503	+	1	ESFLNPGFR	9
PPUB+3968	Proteomics_pub	4443602	4443628	+	2	LTGNVKQNK	9
PPUB+3969	Proteomics_pub	4444643	4444669	+	2	NLGGNVNIR	9
PPUB+3970	Proteomics_pub	4445279	4445311	+	2	LTGDLNVVQDK	11
PPUB+3971	Proteomics_pub	4446088	4446126	+	1	IDNATLAELDALR	13
PPUB+3972	Proteomics_pub	4456207	4456254	+	1	KGSASSTDLSPPQAIAR	16
PPUB+3973	Proteomics_pub	4456255	4456284	+	1	TVQAALDIAR	10
PPUB+3974	Proteomics_pub	4456324	4456410	+	1	ELLAFDAPDLDFHPAEVSPDEAIELAAR	29
PPUB+3975	Proteomics_pub	4456444	4456491	+	1	ITNTEGGSFNSHYGVK	16
PPUB+3976	Proteomics_pub	4456492	4456539	+	1	VFGNSHGMLQGYCSTR	16
PPUB+3977	Proteomics_pub	4456798	4456827	+	1	STFLLDLGLK	10
PPUB+3978	Proteomics_pub	4456879	4456917	+	1	GLASTPFDSEGVR	13
PPUB+3979	Proteomics_pub	4457038	4457076	+	1	IAGQGLSFEQMLK	13
PPUB+3980	Proteomics_pub	4457242	4457277	+	1	NIVTVGNDIETR	12
PPUB+3981	Proteomics_pub	4457278	4457319	+	1	SNIQCGSVLLPEMK	14
PPUB+3982	Proteomics_pub	4465813	4465866	+	1	TFDTHPEGLNQAEVESAR	18
PPUB+3983	Proteomics_pub	4466098	4466130	+	1	AMVSNTATVLR	11
PPUB+3984	Proteomics_pub	4466206	4466241	+	1	LAAGDMIPADLR	12
PPUB+3985	Proteomics_pub	4466794	4466829	+	1	IVLENHTDISGK	12
PPUB+3986	Proteomics_pub	4466842	4466889	+	1	VLHSAWLNSHYQTGLK	16
PPUB+3987	Proteomics_pub	4466890	4466940	+	1	NLLDTAVLEGTDDEESAR	17
PPUB+3988	Proteomics_pub	4466965	4466994	+	1	IDEIPDFFER	10
PPUB+3989	Proteomics_pub	4467052	4467093	+	1	GALQEILNVCSQVR	14
PPUB+3990	Proteomics_pub	4467346	4467381	+	1	ILTGDSSELVAAK	12
PPUB+3991	Proteomics_pub	4467541	4467597	+	1	EGHVVGFMGDGINDAPALR	19
PPUB+3992	Proteomics_pub	4467646	4467675	+	1	EAADIILLEK	10
PPUB+3993	Proteomics_pub	4472987	4473013	+	2	GKHDIENR	9
PPUB+3994	Proteomics_pub	4473179	4473214	+	2	DIAFLPEGVDEK	12
PPUB+3995	Proteomics_pub	4476499	4476528	+	1	ANPEQLEEQR	10
PPUB+3996	Proteomics_pub	4476499	4476540	+	1	ANPEQLEEQRRETR	14
PPUB+3997	Proteomics_pub	4476541	4476639	+	1	LIIEELLEDDGSDPDALYTIHHLSADDLETLEK	33
PPUB+3998	Proteomics_pub	4494845	4494892	+	2	MLALGVYPEITLADAR	16
PPUB+3999	Proteomics_pub	4607440	4607472	+	1	TLSPYLQEVAK	11
PPUB+4000	Proteomics_pub	4607479	4607514	+	1	TFAIISHPDAGK	12
PPUB+4001	Proteomics_pub	4607533	4607577	+	1	VLLFGQAIQTAGTVK	15
PPUB+4002	Proteomics_pub	4607686	4607739	+	1	INIIDTPGHVDFTIEVER	18
PPUB+4003	Proteomics_pub	4607686	4607739	+	1	INIVDTPGHADFGGEVER	18
PPUB+4004	Proteomics_pub	4607740	4607787	+	1	TLTAVDCCLMVIDAAK	16
PPUB+4005	Proteomics_pub	4607830	4607865	+	1	LRDTPILTFMNK	12

PPUB+4006	Proteomics_pub	4607926	4607967	+	1	IGCAPITWPIGCGK	14
PPUB+4007	Proteomics_pub	4607998	4608027	+	1	DETYLYQSGK	10
PPUB+4008	Proteomics_pub	4608061	4608141	+	1	GLNNPDLDAAVGEDLAQQLRDELELVK	27
PPUB+4009	Proteomics_pub	4608298	4608342	+	1	TVEASEDKFTGFVFK	15
PPUB+4010	Proteomics_pub	4608595	4608633	+	1	FTGIPNFAPELFR	13
PPUB+4011	Proteomics_pub	4608853	4608876	+	1	WVECADAK	8
PPUB+4012	Proteomics_pub	4608988	4609017	+	1	YPDVQFHQTR	10
PPUB+4013	Proteomics_pub	4609566	4609604	+	3	VGNFMDDSAITAK	13
PPUB+4014	Proteomics_pub	4609656	4609739	+	3	VETTDGVVQLSGTVDSQAQSDRAESIAK	28
PPUB+4015	Proteomics_pub	4609740	4609772	+	3	GVEGTVSVSDK	11
PPUB+4016	Proteomics_pub	4609809	4609847	+	3	GYAGDTATTSEIK	13
PPUB+4017	Proteomics_pub	4609854	4609883	+	3	LLADDIVPSR	10
PPUB+4018	Proteomics_pub	4609893	4609976	+	3	VETTDGVVQLSGTVDSQAQSDRAESIAK	28
PPUB+4019	Proteomics_pub	4615346	4615375	+	2	MTDLKASSLR	10
PPUB+4020	Proteomics_pub	4615385	4615429	+	2	LMDLTLNDDDTDEK	15
PPUB+4021	Proteomics_pub	4615385	4615456	+	2	LMDLTLNDDDTDEKVIACHQAK	24
PPUB+4022	Proteomics_pub	4615430	4615456	+	2	VIALCHQAK	9
PPUB+4023	Proteomics_pub	4615457	4615498	+	2	TPVGNTAAICIYPR	14
PPUB+4024	Proteomics_pub	4615457	4615516	+	2	TPVGNTAAICIYPRFIPIAR	20
PPUB+4025	Proteomics_pub	4615520	4615552	+	2	TLKEQGTPEIR	11
PPUB+4026	Proteomics_pub	4615529	4615552	+	2	EQGTPEIR	8
PPUB+4027	Proteomics_pub	4615553	4615618	+	2	IATVTNFPHGNDIDIALAETR	22
PPUB+4028	Proteomics_pub	4615619	4615669	+	2	AAIAYGADEVVVFYR	17
PPUB+4029	Proteomics_pub	4615670	4615714	+	2	ALMAGNEQVGFDLVK	15
PPUB+4030	Proteomics_pub	4615670	4615723	+	2	ALMAGNEQVGFDLVKACK	18
PPUB+4031	Proteomics_pub	4615715	4615756	+	2	ACKEACAAANVLLK	14
PPUB+4032	Proteomics_pub	4615724	4615756	+	2	EACAAANVLLK	11
PPUB+4033	Proteomics_pub	4615757	4615801	+	2	VIIETGELKDEALIR	15
PPUB+4034	Proteomics_pub	4615826	4615861	+	2	AGADFIKTSTGK	12
PPUB+4035	Proteomics_pub	4615847	4615894	+	2	TSTGKVAVNATPESAR	16
PPUB+4036	Proteomics_pub	4615862	4615894	+	2	VAVNATPESAR	11
PPUB+4037	Proteomics_pub	4615895	4615933	+	2	IMMEVIRDMGVEK	13
PPUB+4038	Proteomics_pub	4615934	4615966	+	2	TVGFKPAGGVR	11
PPUB+4039	Proteomics_pub	4615988	4616038	+	2	YLAIADFLGADWADAR	17
PPUB+4040	Proteomics_pub	4616039	4616083	+	2	HYRFGASSLLASLLK	15
PPUB+4041	Proteomics_pub	4616048	4616083	+	2	FGASSLLASLLK	12
PPUB+4042	Proteomics_pub	4616048	4616107	+	2	FGASSLLASLLKALGHGDGK	20
PPUB+4043	Proteomics_pub	4616084	4616107	+	2	ALGHGDGK	8
PPUB+4044	Proteomics_pub	4616084	4616122	+	2	ALGHGDGKSASSY	13
PPUB+4045	Proteomics_pub	4616252	4616281	+	2	MFLAQEIIRK	10
PPUB+4046	Proteomics_pub	4616288	4616320	+	2	DGHALSDEEIR	11
PPUB+4047	Proteomics_pub	4616342	4616419	+	2	DNTISEGQIAALAMTIFFHDMTMPER	26
PPUB+4048	Proteomics_pub	4616444	4616470	+	2	DSGTVLWDWK	9
PPUB+4049	Proteomics_pub	4616471	4616503	+	2	SLHLNGPIVDK	11
PPUB+4050	Proteomics_pub	4616597	4616629	+	2	GLGHTGGTLDK	11
PPUB+4051	Proteomics_pub	4616630	4616674	+	2	LESIPGFDIFPDDNR	15

PPUB+4052	Proteomics_pub	4616630	4616680	+	2	LESIPGFDIFPDDNRFR	17
PPUB+4053	Proteomics_pub	4616693	4616746	+	2	DVGVAIIGQTSSLAPADK	18
PPUB+4054	Proteomics_pub	4616693	4616749	+	2	DVGVAIIGQTSSLAPADKR	19
PPUB+4055	Proteomics_pub	4616765	4616821	+	2	DITATVDSIPLITASILAK	19
PPUB+4056	Proteomics_pub	4616822	4616863	+	2	KLAEGLDALVMDVK	14
PPUB+4057	Proteomics_pub	4616825	4616863	+	2	LAEGLDALVMDVK	13
PPUB+4058	Proteomics_pub	4616864	4616953	+	2	VGSGAFMPTYELSEALAEIIVGVANGAGVR	30
PPUB+4059	Proteomics_pub	4616954	4617022	+	2	TTALLTDMNQVLASSAGNAVEVR	23
PPUB+4060	Proteomics_pub	4617023	4617055	+	2	EAVQFLTGEYR	11
PPUB+4061	Proteomics_pub	4617023	4617064	+	2	EAVQFLTGEYRNPR	14
PPUB+4062	Proteomics_pub	4617143	4617175	+	2	AKLQAVLDNGK	11
PPUB+4063	Proteomics_pub	4617149	4617175	+	2	LQAVLDNGK	9
PPUB+4064	Proteomics_pub	4617149	4617196	+	2	LQAVLDNGKAAEVFGR	16
PPUB+4065	Proteomics_pub	4617215	4617247	+	2	GPTDFVENYAK	11
PPUB+4066	Proteomics_pub	4617248	4617274	+	2	YLPTAMLTk	9
PPUB+4067	Proteomics_pub	4617275	4617322	+	2	AVYADTEGFVSEMDTR	16
PPUB+4068	Proteomics_pub	4617323	4617361	+	2	ALGMAVVAMGGGR	13
PPUB+4069	Proteomics_pub	4617323	4617364	+	2	ALGMAVVAMGGGRR	14
PPUB+4070	Proteomics_pub	4617365	4617415	+	2	QASDTIDYSVGFDMAR	17
PPUB+4071	Proteomics_pub	4617416	4617466	+	2	LGQVDVGQRPLAVIHAK	17
PPUB+4072	Proteomics_pub	4617467	4617496	+	2	DENNWQEAAK	10
PPUB+4073	Proteomics_pub	4617518	4617559	+	2	LADKAPESTPTVYR	14
PPUB+4074	Proteomics_pub	4617530	4617559	+	2	APESTPTVYR	10
PPUB+4075	Proteomics_pub	4617692	4617745	+	2	FGDVGADTLGHIAEACAK	18
PPUB+4076	Proteomics_pub	4617767	4617799	+	2	KGPLNLPNLTR	11
PPUB+4077	Proteomics_pub	4617770	4617799	+	2	GPLNLPNLTR	10
PPUB+4078	Proteomics_pub	4617770	4617814	+	2	GPLNLPNLTRLGLAK	15
PPUB+4079	Proteomics_pub	4618031	4618111	+	2	ANLPGYLGNCSSGTVILDQLGEEHMK	27
PPUB+4080	Proteomics_pub	4618112	4618192	+	2	TGKPIFYTSADSVFQIACHEETFGLDK	27
PPUB+4081	Proteomics_pub	4618193	4618219	+	2	LYELCEIAR	9
PPUB+4082	Proteomics_pub	4618220	4618255	+	2	EELTNGGYNIGR	12
PPUB+4083	Proteomics_pub	4618256	4618285	+	2	VIARPFIGDK	10
PPUB+4084	Proteomics_pub	4618256	4618303	+	2	VIARPFIGDKAGNFQR	16
PPUB+4085	Proteomics_pub	4618304	4618360	+	2	TGNRHDLAVEPPAPTVLQK	19
PPUB+4086	Proteomics_pub	4618316	4618360	+	2	HDLAVEPPAPTVLQK	15
PPUB+4087	Proteomics_pub	4618376	4618402	+	2	HGQVVSVGK	9
PPUB+4088	Proteomics_pub	4618403	4618438	+	2	IADIYANCGITK	12
PPUB+4089	Proteomics_pub	4618403	4618441	+	2	IADIYANCGITK	13
PPUB+4090	Proteomics_pub	4618448	4618486	+	2	ATGLDALFDATIK	13
PPUB+4091	Proteomics_pub	4618565	4618606	+	2	DVAGYAAGLELFDR	14
PPUB+4092	Proteomics_pub	4618610	4618636	+	2	LPELMSLLR	9
PPUB+4093	Proteomics_pub	4618637	4618708	+	2	DDDILILTADHGCDPTWTGTDHTR	24
PPUB+4094	Proteomics_pub	4618709	4618741	+	2	EHIPVLVYGPK	11
PPUB+4095	Proteomics_pub	4618742	4618768	+	2	VKPGSLGHR	9
PPUB+4096	Proteomics_pub	4618769	4618804	+	2	ETFADIGQTLAK	12
PPUB+4097	Proteomics_pub	4618805	4618837	+	2	YFGTSDMEYGK	11

PPUB+4098	Proteomics_pub	4618909	4618980	+	1	ATPHINAEMGDFADVLLMPGDPLR	24
PPUB+4099	Proteomics_pub	4618987	4619019	+	1	YIAETFLEDAR	11
PPUB+4100	Proteomics_pub	4618987	4619037	+	1	YIAETFLEDAREVNNVR	17
PPUB+4101	Proteomics_pub	4619038	4619067	+	1	GMLGFTGTYK	10
PPUB+4102	Proteomics_pub	4619074	4619130	+	1	KISVMGHGMGIPSCSIYTK	19
PPUB+4103	Proteomics_pub	4619077	4619130	+	1	ISVMGHGMGIPSCSIYTK	18
PPUB+4104	Proteomics_pub	4619131	4619157	+	1	ELITDFGVK	9
PPUB+4105	Proteomics_pub	4619131	4619160	+	1	ELITDFGVKK	10
PPUB+4106	Proteomics_pub	4619170	4619205	+	1	VGSCGAVLPHVK	12
PPUB+4107	Proteomics_pub	4619206	4619250	+	1	LRDVVIGMGACTDSK	15
PPUB+4108	Proteomics_pub	4619212	4619250	+	1	DVVIGMGACTDSK	13
PPUB+4109	Proteomics_pub	4619266	4619313	+	1	FKDHDFAAIADFDMMVR	16
PPUB+4110	Proteomics_pub	4619272	4619313	+	1	DHDFAAIADFDMMVR	14
PPUB+4111	Proteomics_pub	4619314	4619355	+	1	NAVDAAKALGIDAR	14
PPUB+4112	Proteomics_pub	4619356	4619424	+	1	VGNLFSADLFYSPDGEMFDVMEK	23
PPUB+4113	Proteomics_pub	4619425	4619493	+	1	YGILGVEMEAAGIYGVAAEFGAK	23
PPUB+4114	Proteomics_pub	4619494	4619529	+	1	ALTICTVSDHIR	12
PPUB+4115	Proteomics_pub	4619530	4619559	+	1	THEQTAAER	10
PPUB+4116	Proteomics_pub	4619530	4619586	+	1	THEQTAAERQTTFNMIK	19
PPUB+4117	Proteomics_pub	4619560	4619586	+	1	QTTFNMIK	9
PPUB+4118	Proteomics_pub	4619587	4619619	+	1	IALESVLLGDK	11
PPUB+4119	Proteomics_pub	4619587	4619622	+	1	IALESVLLGDKE	12
PPUB+4120	Proteomics_pub	4631844	4631876	+	3	HGESQWNKENR	11
PPUB+4121	Proteomics_pub	4633661	4633696	+	2	IVVEAFDDPDVK	12
PPUB+4122	Proteomics_pub	4633922	4633954	+	2	NALAYLAYS DK	11
PPUB+4123	Proteomics_pub	4633976	4634011	+	2	NAISAVPMPWR	12
PPUB+4124	Proteomics_pub	4634300	4634356	+	2	ILGLEIGADDYITKPFNPR	19
PPUB+4125	Proteomics_pub	4639061	4639099	+	2	IVDSQAHLEPATR	13
PPUB+4126	Proteomics_pub	4639268	4639306	+	2	SSWMSHAALVFGR	13
PPUB-1	Proteomics_pub	6229	6270	-	5	FHDWQPDFTPANAR	14
PPUB-2	Proteomics_pub	6397	6432	-	5	TLDYQSPLTTTR	12
PPUB-3	Proteomics_pub	20818	20850	-	5	ANLTAQINKLA	11
PPUB-4	Proteomics_pub	20824	20850	-	5	ANLTAQINK	9
PPUB-5	Proteomics_pub	20824	20856	-	5	HKANLTAQINK	11
PPUB-6	Proteomics_pub	20887	20931	-	5	AFNEMQPIVDRQAAK	15
PPUB-7	Proteomics_pub	20899	20931	-	5	AFNEMQPIVDR	11
PPUB-8	Proteomics_pub	20947	20979	-	5	KVYAAIEAGDK	11
PPUB-9	Proteomics_pub	20947	20976	-	5	VYAAIEAGDK	10
PPUB-10	Proteomics_pub	51768	51794	-	4	ITTEAFNQR	9
PPUB-11	Proteomics_pub	52179	52208	-	4	LQTHPFLGPK	10
PPUB-12	Proteomics_pub	52209	52256	-	4	LDQLTVIELDRDLAAR	16
PPUB-13	Proteomics_pub	52224	52256	-	4	LDQLTVIELDR	11
PPUB-14	Proteomics_pub	52320	52388	-	4	FGQNFLNDQFVIDSIVSAINPQK	23
PPUB-15	Proteomics_pub	53449	53487	-	5	FSEEAASWMQEQR	13
PPUB-16	Proteomics_pub	53449	53490	-	5	KFSEEAASWMQEQR	14
PPUB-17	Proteomics_pub	53641	53724	-	5	EFSDQPGSANQGGDLGWATPDIFDPAFR	28

PPUB-18	Proteomics_pub	53758	53790	-	5	VKLEQIAADIK	11
PPUB-19	Proteomics_pub	53791	53838	-	5	HILLKPSPIMTDEQAR	16
PPUB-20	Proteomics_pub	53896	53922	-	5	SGVGFHILK	9
PPUB-21	Proteomics_pub	53923	53949	-	5	KGDIVGPIR	9
PPUB-22	Proteomics_pub	53950	53997	-	5	IQELPGIFAQALSTAK	16
PPUB-23	Proteomics_pub	53998	54060	-	5	LAIHSAHQALNGGQMGWGR	21
PPUB-24	Proteomics_pub	54316	54351	-	5	LAYDGLNYNTYR	12
PPUB-25	Proteomics_pub	54358	54387	-	5	QNNMTLDQMR	10
PPUB-26	Proteomics_pub	54388	54432	-	5	ISDEQLDQAANIYAK	15
PPUB-27	Proteomics_pub	54445	54483	-	5	LIMDQIILQMGQK	13
PPUB-28	Proteomics_pub	54502	54531	-	5	QQLPDDATLR	10
PPUB-29	Proteomics_pub	54788	54832	-	6	GLSSNYGLGTQEMLR	15
PPUB-30	Proteomics_pub	55100	55138	-	6	YASPEYIQATLPK	13
PPUB-31	Proteomics_pub	55175	55216	-	6	LDNVATSNSSIEYR	14
PPUB-32	Proteomics_pub	55304	55342	-	6	TGDDNITWENDDK	13
PPUB-33	Proteomics_pub	55415	55456	-	6	IASANQVTTGVTSR	14
PPUB-34	Proteomics_pub	55484	55576	-	6	AQYLYVPYRDQSDIYNYDSSLLQSDYSGLFR	31
PPUB-35	Proteomics_pub	55847	55882	-	6	IYGQAVHFVNTR	12
PPUB-36	Proteomics_pub	56036	56071	-	6	YGSSTDGYATQK	12
PPUB-37	Proteomics_pub	56072	56110	-	6	VSDPSYFNDFDNK	13
PPUB-38	Proteomics_pub	56180	56221	-	6	VYEDEHPNDDSSRR	14
PPUB-39	Proteomics_pub	56183	56221	-	6	VYEDEHPNDDSSR	13
PPUB-40	Proteomics_pub	56441	56497	-	6	VGPVPIFYSPYLQLPVGDK	19
PPUB-41	Proteomics_pub	56804	56833	-	6	EAPGQPEPVR	10
PPUB-42	Proteomics_pub	56834	56866	-	6	LQADEVQLHQK	11
PPUB-43	Proteomics_pub	60436	60489	-	5	AVNPNIRDDELTAIESNR	18
PPUB-44	Proteomics_pub	60505	60543	-	5	NEADEKLSAELSR	13
PPUB-45	Proteomics_pub	60910	60951	-	5	EDAQFITWEHPLIR	14
PPUB-46	Proteomics_pub	61420	61467	-	5	IGQAHDIQIHVPYLEK	16
PPUB-47	Proteomics_pub	61693	61728	-	5	AATALQLEQVLR	12
PPUB-48	Proteomics_pub	61891	61917	-	5	VSGIMGARK	9
PPUB-49	Proteomics_pub	61918	61953	-	5	LPLPTQYQTAIK	12
PPUB-50	Proteomics_pub	62173	62223	-	5	NYRPVADAVAMLLAGNK	17
PPUB-51	Proteomics_pub	62224	62259	-	5	FHDFAQFVEEQK	12
PPUB-52	Proteomics_pub	62716	62748	-	5	VLLADEVGLGK	11
PPUB-53	Proteomics_pub	62971	63003	-	5	LDTEESGVALR	11
PPUB-54	Proteomics_pub	63142	63180	-	5	TVTLLFPSTGENR	13
PPUB-55	Proteomics_pub	66254	66307	-	6	LLYQAFPSIGGIVHTHSR	18
PPUB-56	Proteomics_pub	66308	66337	-	6	KPSSDTPTHR	10
PPUB-57	Proteomics_pub	66841	66867	-	5	WNEVYYGFR	9
PPUB-58	Proteomics_pub	66895	66948	-	5	QFAEMHDIEITVIDNDTR	18
PPUB-59	Proteomics_pub	67048	67074	-	5	LPVANALWK	9
PPUB-60	Proteomics_pub	67096	67125	-	5	LLVNCIDTVK	10
PPUB-61	Proteomics_pub	67126	67194	-	5	LIFNTQTGPAIVASLIDLGDYR	23
PPUB-62	Proteomics_pub	67132	67194	-	5	LIFNTQTGPAIVASLIDLGDR	21
PPUB-63	Proteomics_pub	67315	67380	-	5	VMSTGLQGGTSFMEDYTYHFEK	22

PPUB-64	Proteomics_pub	67408	67452	-	5	LMQQGYGFAGEGDWK	15
PPUB-65	Proteomics_pub	67453	67479	-	5	QLPGLAVQR	9
PPUB-66	Proteomics_pub	67480	67542	-	5	FLEQGGFHAFITTTFFEDLHGLK	21
PPUB-67	Proteomics_pub	67564	67590	-	5	RQNVLEAAR	9
PPUB-68	Proteomics_pub	67735	67779	-	5	EVAVTDGDKVAAQIK	15
PPUB-69	Proteomics_pub	67753	67779	-	5	EVAVTDGDK	9
PPUB-70	Proteomics_pub	67753	67797	-	5	FGDNMREAVVDGDK	15
PPUB-71	Proteomics_pub	67876	67920	-	5	MRQQHAVVTGHWQDK	15
PPUB-72	Proteomics_pub	67876	67914	-	5	QQHAVVTGHWQDK	13
PPUB-73	Proteomics_pub	67921	67944	-	5	EFGFIGAR	8
PPUB-74	Proteomics_pub	68077	68121	-	5	CAGLVVWLHTFSPA	15
PPUB-75	Proteomics_pub	68143	68196	-	5	LVLKPLGTTTDEITAICR	18
PPUB-76	Proteomics_pub	68197	68262	-	5	QVTQHAHEVVNALNTEAKLPCK	22
PPUB-77	Proteomics_pub	68209	68262	-	5	QVTQHAHEVVNALNTEAK	18
PPUB-78	Proteomics_pub	68438	68473	-	6	SEQAQRFEQLYR	12
PPUB-79	Proteomics_pub	68510	68542	-	6	VHADIPSAQQK	11
PPUB-80	Proteomics_pub	68732	68815	-	6	GVITDLNLATDAPLLFGGLIAATAFGAR	28
PPUB-81	Proteomics_pub	68732	68821	-	6	LKGVITDLNLATDAPLLFGGLIAATAFGAR	30
PPUB-82	Proteomics_pub	68846	68896	-	6	NPSLDHLPVVDWVNGR	17
PPUB-83	Proteomics_pub	69134	69175	-	6	VIGTSTCDILIADK	14
PPUB-84	Proteomics_pub	69353	69427	-	6	SLWHESWGGPLPPASFFDELDPILNR	25
PPUB-85	Proteomics_pub	69614	69649	-	6	LCHAPGNVDYSR	12
PPUB-86	Proteomics_pub	69818	69850	-	6	TVLAELSVEQR	11
PPUB-87	Proteomics_pub	69851	69883	-	6	DYIESMEAALK	11
PPUB-88	Proteomics_pub	69896	69931	-	6	GQFCDAPNNQFR	12
PPUB-89	Proteomics_pub	70004	70045	-	6	AIAIGLDFGSDSVR	14
PPUB-90	Proteomics_pub	72814	72855	-	5	GAIVGIIGPNGAGK	14
PPUB-91	Proteomics_pub	74512	74538	-	5	QAWISEWQR	9
PPUB-92	Proteomics_pub	74539	74595	-	5	LTKPATTLEFTPAEVAAQR	19
PPUB-93	Proteomics_pub	74596	74697	-	5	FLQFMVSPAFQNAIPTGNWMPVANVTLPAGFEK	34
PPUB-94	Proteomics_pub	74734	74799	-	5	KDNYAAANFSEGHYLQVEVAAR	22
PPUB-95	Proteomics_pub	74800	74862	-	5	GESDLVLSYTTSPAYHILEEK	21
PPUB-96	Proteomics_pub	74863	74895	-	5	GWSEAYGLFLK	11
PPUB-97	Proteomics_pub	74926	74961	-	5	VYGDDAPQAWQK	12
PPUB-98	Proteomics_pub	74962	75003	-	5	TSTPGLGLLLWMQK	14
PPUB-99	Proteomics_pub	75025	75054	-	5	ELVESDQNR	10
PPUB-100	Proteomics_pub	75205	75255	-	5	ADVVLGLDNNLLDAASK	17
PPUB-101	Proteomics_pub	75283	75321	-	5	LVALEDGVSLNLR	13
PPUB-102	Proteomics_pub	79043	79084	-	6	LSDAEVDELFAVK	14
PPUB-103	Proteomics_pub	79157	79195	-	6	EHAPWALTDYGFK	13
PPUB-104	Proteomics_pub	79196	79222	-	6	ENFGCGSSR	9
PPUB-105	Proteomics_pub	79310	79345	-	6	TGFGAHLFNDWR	12
PPUB-106	Proteomics_pub	79370	79432	-	6	HTGLVVPLDAANVDTDIIPK	21
PPUB-107	Proteomics_pub	79614	79655	-	4	LPGCSMCLAMNDR	14
PPUB-108	Proteomics_pub	79686	79715	-	4	AQAEAELDK	10
PPUB-109	Proteomics_pub	79716	79766	-	4	VAPGVQALVVPGSGPVK	17

PPUB-110	Proteomics_pub	79812	79841	-	4	VFIGSCTNSR	10
PPUB-111	Proteomics_pub	80076	80105	-	4	DFDDAVAYWK	10
PPUB-112	Proteomics_pub	80133	80177	-	4	AGLVAPDETTFNKYK	15
PPUB-113	Proteomics_pub	80238	80294	-	4	TGSAGGTGHVVEFCGEAIR	19
PPUB-114	Proteomics_pub	80625	80654	-	4	DINACGEMAR	10
PPUB-115	Proteomics_pub	80655	80696	-	4	TFATMDHNVSTQTK	14
PPUB-116	Proteomics_pub	80730	80777	-	4	HLVHEVTSPPQAFDGLR	16
PPUB-117	Proteomics_pub	80888	80935	-	6	GAAAVSTDEMGDIAR	16
PPUB-118	Proteomics_pub	80987	81028	-	6	YSLDADDAACAIER	14
PPUB-119	Proteomics_pub	81029	81079	-	6	NIANPIAQILSLALLLR	17
PPUB-120	Proteomics_pub	81341	81373	-	6	ANVLQSSILWR	11
PPUB-121	Proteomics_pub	81509	81544	-	6	ELTGGIYFGQPK	12
PPUB-122	Proteomics_pub	81587	81622	-	6	LYQGLEAFCLR	12
PPUB-123	Proteomics_pub	82060	82107	-	5	FHGVGLATDIVESSAK	16
PPUB-124	Proteomics_pub	82060	82110	-	5	RFHGVGLATDIVESSAK	17
PPUB-125	Proteomics_pub	82186	82215	-	5	ITEYNVELVK	10
PPUB-126	Proteomics_pub	82273	82296	-	5	LACGEEVK	8
PPUB-127	Proteomics_pub	82297	82353	-	5	LDYFSVQSGSNDIATAAVK	19
PPUB-128	Proteomics_pub	82381	82431	-	5	KGQVFDYDLEALAFIGK	17
PPUB-129	Proteomics_pub	82537	82611	-	5	NRENYEIMTPESIGLNQIQLNLTSR	25
PPUB-130	Proteomics_pub	82612	82674	-	5	AIVGSGAFAHSSGIHQDGVLK	21
PPUB-131	Proteomics_pub	82726	82773	-	5	DILNVHTAINHQEIWR	16
PPUB-132	Proteomics_pub	82825	82860	-	5	QVEGAMNGIGER	12
PPUB-133	Proteomics_pub	83095	83139	-	5	NYTDDVEFSCEDAGR	15
PPUB-134	Proteomics_pub	83167	83193	-	5	STLDEVIER	9
PPUB-135	Proteomics_pub	83200	83244	-	5	IHTFIATSPMHIATK	15
PPUB-136	Proteomics_pub	83263	83292	-	5	DIDVAAESLK	10
PPUB-137	Proteomics_pub	83452	83490	-	5	DGEQALQASLSVK	13
PPUB-138	Proteomics_pub	83491	83526	-	5	SQQVIIIFDTTLR	12
PPUB-139	Proteomics_pub	111943	111993	-	5	LNLSLDSQLYPQISGHK	17
PPUB-140	Proteomics_pub	112279	112311	-	5	AAGSVLISAPR	11
PPUB-141	Proteomics_pub	134833	134859	-	5	QEITAALWK	9
PPUB-142	Proteomics_pub	134992	135048	-	5	HFIDHEINSIQNFMSDDMK	19
PPUB-143	Proteomics_pub	135085	135141	-	5	ALNYLIHQLESDIVTIDYR	19
PPUB-144	Proteomics_pub	135142	135186	-	5	ADIEVSTCGVISPLK	15
PPUB-145	Proteomics_pub	135250	135300	-	5	TEHPGPLPETVVAHLDK	17
PPUB-146	Proteomics_pub	135379	135441	-	5	LTEILSETCSIIGANILNIAR	21
PPUB-147	Proteomics_pub	135442	135486	-	5	DGYIAYIDELYNANR	15
PPUB-148	Proteomics_pub	135541	135567	-	5	LHGFNNLTK	9
PPUB-149	Proteomics_pub	135706	135735	-	5	HLSTEIIQAR	10
PPUB-150	Proteomics_pub	136186	136227	-	5	HVLIIGGGDGAMLR	14
PPUB-151	Proteomics_pub	136330	136377	-	5	TDHQDLIIFENAAFGR	16
PPUB-152	Proteomics_pub	138931	138981	-	5	LPAGGQATPMTYEVNGK	17
PPUB-153	Proteomics_pub	139192	139230	-	5	QPAWGYISALDLK	13
PPUB-154	Proteomics_pub	139603	139659	-	5	GDYVTPTQPFSELSFRPTK	19
PPUB-155	Proteomics_pub	139660	139716	-	5	NGELVVPAPKPKVPQGAAK	19

PPUB-156	Proteomics_pub	139717	139746	-	5	TGNIFVLDRR	10
PPUB-157	Proteomics_pub	139720	139746	-	5	TGNIFVLDR	9
PPUB-158	Proteomics_pub	139870	139911	-	5	YASSILALNATTGK	14
PPUB-159	Proteomics_pub	140278	140301	-	5	LCETFANK	8
PPUB-160	Proteomics_pub	140302	140331	-	5	LIAINAENGK	10
PPUB-161	Proteomics_pub	140332	140358	-	5	IILPVNDGR	9
PPUB-162	Proteomics_pub	140428	140460	-	5	TNESFQHVTCT	11
PPUB-163	Proteomics_pub	140491	140520	-	5	LFALDAASGK	10
PPUB-164	Proteomics_pub	140521	140559	-	5	VGDTLYLCTAHQR	13
PPUB-165	Proteomics_pub	140641	140673	-	5	QINADNVHNLK	11
PPUB-166	Proteomics_pub	142059	142103	-	4	DLVDVTATNRETLEQR	15
PPUB-167	Proteomics_pub	142077	142103	-	4	DLVDVTATNR	9
PPUB-168	Proteomics_pub	142104	142151	-	4	VTIHGWAYGIHDGLLR	16
PPUB-169	Proteomics_pub	142248	142283	-	4	HSSLLGEMPQER	12
PPUB-170	Proteomics_pub	142479	142517	-	4	LTGLEPGELFVHR	13
PPUB-171	Proteomics_pub	142533	142562	-	4	FLWIGCSDSR	10
PPUB-172	Proteomics_pub	142563	142622	-	4	MLVEEDPGFFEKLAQAQKPR	20
PPUB-173	Proteomics_pub	142587	142622	-	4	MLVEEDPGFFEK	12
PPUB-174	Proteomics_pub	142623	142664	-	4	DIDTLISNNALWSK	14
PPUB-175	Proteomics_pub	142623	142670	-	4	MKDIDTLISNNALWSK	16
PPUB-176	Proteomics_pub	146347	146397	-	5	TWRPNVAYFEGDNEMKR	17
PPUB-177	Proteomics_pub	146494	146532	-	5	FSTYAIAAERGSR	13
PPUB-178	Proteomics_pub	146503	146532	-	5	FSTYAIAAER	10
PPUB-179	Proteomics_pub	148016	148057	-	6	DADTLLEVSETSKR	14
PPUB-180	Proteomics_pub	148019	148057	-	6	DADTLLEVSETSK	13
PPUB-181	Proteomics_pub	148136	148177	-	6	VLSSIADKLQAGER	14
PPUB-182	Proteomics_pub	148202	148228	-	6	NGYLTAEQR	9
PPUB-183	Proteomics_pub	148316	148342	-	6	DFQQLALIR	9
PPUB-184	Proteomics_pub	148343	148387	-	6	LFNLVQPDIACFGEK	15
PPUB-185	Proteomics_pub	148508	148540	-	6	KVDLVFAPSVK	11
PPUB-186	Proteomics_pub	148508	148537	-	6	VDLVFAPSVK	10
PPUB-187	Proteomics_pub	148553	148576	-	6	TLQEDCEK	8
PPUB-188	Proteomics_pub	148763	148795	-	6	MLIETLPLLR	11
PPUB-189	Proteomics_pub	148810	148866	-	5	QYMAEVESGVYPGEEHSFH	19
PPUB-190	Proteomics_pub	148879	148908	-	5	NFLAETGDIR	10
PPUB-191	Proteomics_pub	149035	149136	-	5	GDEAGDQLLSDALALEAAGAQLLVLECVVELAK	34
PPUB-192	Proteomics_pub	149035	149148	-	5	VQGRGDEAGDQLLSDALALEAAGAQLLVLECVVELAK	38
PPUB-193	Proteomics_pub	149215	149265	-	5	IEGGEWLIVETVQMLTER	17
PPUB-194	Proteomics_pub	149509	149547	-	5	FATITAYDYSFAK	13
PPUB-195	Proteomics_pub	149509	149550	-	5	RFATITAYDYSFAK	14
PPUB-196	Proteomics_pub	149569	149601	-	5	MKPTTISLLQK	11
PPUB-197	Proteomics_pub	152943	152975	-	4	GIEQQGNISIK	11
PPUB-198	Proteomics_pub	154512	154538	-	4	VTITQGGYK	9
PPUB-199	Proteomics_pub	158890	158916	-	5	DLLLGGKKPK	9
PPUB-200	Proteomics_pub	158917	158955	-	5	AGYEAWLVGGGVR	13
PPUB-201	Proteomics_pub	159025	159081	-	5	EESEAEQAVARPQVTVIPR	19



PPUB-202	Proteomics_pub	160188	160232	-	4	RLEARPTADLCIDCK	15
PPUB-203	Proteomics_pub	160344	160379	-	4	AAQEEEFSLER	12
PPUB-204	Proteomics_pub	160380	160433	-	4	TVTHMQDEAANFPDPVDR	18
PPUB-205	Proteomics_pub	160434	160460	-	4	NQLRDEVDR	9
PPUB-206	Proteomics_pub	160482	160580	-	4	TSSLSILAIAGVEPYQEKPGE EYMNEAQLAHR	33
PPUB-207	Proteomics_pub	174046	174087	-	5	IIGGGMPVGAFGGR	14
PPUB-208	Proteomics_pub	174319	174360	-	5	YTLTCTYNDLASVR	14
PPUB-209	Proteomics_pub	174361	174426	-	5	AGSGALTLGQPNSPGVPADFAK	22
PPUB-210	Proteomics_pub	174511	174552	-	5	MVNSGTEATMSAIR	14
PPUB-211	Proteomics_pub	174601	174639	-	5	GLSFGAPTEMEVK	13
PPUB-212	Proteomics_pub	174733	174768	-	5	ADGAYLYDVGK	12
PPUB-213	Proteomics_pub	174769	174810	-	5	AFTGVGGTPLFIEK	14
PPUB-214	Proteomics_pub	174811	174846	-	5	ELIPGGVNSPVR	12
PPUB-215	Proteomics_pub	174847	174873	-	5	SENLISAAR	9
PPUB-216	Proteomics_pub	174847	174879	-	5	SKSENLISAAR	11
PPUB-217	Proteomics_pub	178470	178505	-	4	QSSLMVESLVQK	12
PPUB-218	Proteomics_pub	178506	178574	-	4	AISDVADQQSHLSFDEFLAVAAK	23
PPUB-219	Proteomics_pub	178728	178781	-	4	LIAAAEACIAELNLNAVR	18
PPUB-220	Proteomics_pub	178866	178898	-	4	VGDIVVSDEAR	11
PPUB-221	Proteomics_pub	179103	179147	-	4	IGIIGAMEEEVTLLR	15
PPUB-222	Proteomics_pub	183724	183753	-	5	ISEIEADLEK	10
PPUB-223	Proteomics_pub	183754	183780	-	5	HLESVVTNK	9
PPUB-224	Proteomics_pub	183865	183894	-	5	EVQEISPNLR	10
PPUB-225	Proteomics_pub	183895	183930	-	5	TVVADGVGQGYK	12
PPUB-226	Proteomics_pub	184042	184077	-	5	SLGITNPEEIDR	12
PPUB-227	Proteomics_pub	185135	185164	-	6	GKVGINELLR	10
PPUB-228	Proteomics_pub	185186	185215	-	6	YSLYCAVIVK	10
PPUB-229	Proteomics_pub	185216	185269	-	6	VPAGSVVVSGNLPKDGK	18
PPUB-230	Proteomics_pub	185225	185269	-	6	VPAGSVVVSGNLPK	15
PPUB-231	Proteomics_pub	185270	185296	-	6	ETGEIHYGR	9
PPUB-232	Proteomics_pub	185270	185308	-	6	IYDRETGEIHYGR	13
PPUB-233	Proteomics_pub	185387	185485	-	6	NVHLSGGVGIGGVLEPLQANPTIIEDNCFIGAR	33
PPUB-234	Proteomics_pub	185612	185647	-	6	EGFRVPPAAVR	12
PPUB-235	Proteomics_pub	185657	185680	-	6	FADYDEAR	8
PPUB-236	Proteomics_pub	185681	185704	-	6	YFDKVPK	8
PPUB-237	Proteomics_pub	185705	185764	-	6	AVLLSFRINDNQVIEGAESR	20
PPUB-238	Proteomics_pub	185705	185743	-	6	INDNQVIEGAESR	13
PPUB-239	Proteomics_pub	185768	185803	-	6	IDGQWVTHQWLK	12
PPUB-240	Proteomics_pub	185816	185863	-	6	EAVNQVIALLDGALR	16
PPUB-241	Proteomics_pub	185864	185902	-	6	AEITPANADTVTR	13
PPUB-242	Proteomics_pub	185864	185905	-	6	RAEITPANADTVTR	14
PPUB-243	Proteomics_pub	185906	185947	-	6	MQQLQNIETAFER	14
PPUB-244	Proteomics_pub	188715	188753	-	4	KDDTIPAIISHDE	13
PPUB-245	Proteomics_pub	188940	188981	-	4	GFHEEPQVLHYDSR	14
PPUB-246	Proteomics_pub	189009	189041	-	4	FVEAEGFSVVR	11
PPUB-247	Proteomics_pub	189093	189125	-	4	ITQESLYLALR	11

PPUB-248	Proteomics_pub	189135	189173	-	4	MFIVGKPTIMGER	13
PPUB-249	Proteomics_pub	189249	189305	-	4	SVCISINEVVCHGIPDDAK	19
PPUB-250	Proteomics_pub	217072	217101	-	5	TGDIVEYLVK	10
PPUB-251	Proteomics_pub	217135	217164	-	5	NLDNDDIEYK	10
PPUB-252	Proteomics_pub	217165	217236	-	5	ERPGVMFADMELIGIPHTIVLGDR	24
PPUB-253	Proteomics_pub	217237	217272	-	5	AQGIEVLLDDR	12
PPUB-254	Proteomics_pub	217240	217272	-	5	AQGIEVLLDDR	11
PPUB-255	Proteomics_pub	217321	217386	-	5	GIVWPDAIAPFQVAILPMNMHK	22
PPUB-256	Proteomics_pub	217387	217425	-	5	VVAAAIEQNYDER	13
PPUB-257	Proteomics_pub	217426	217470	-	5	NQILTMGCYGIGVTR	15
PPUB-258	Proteomics_pub	217471	217497	-	5	ASVQGEDGR	9
PPUB-259	Proteomics_pub	217516	217554	-	5	GIEVGHIFQLGTK	13
PPUB-260	Proteomics_pub	217516	217557	-	5	RGIEVGHIFQLGTK	14
PPUB-261	Proteomics_pub	217570	217611	-	5	NVVAGDPSPDGQGR	14
PPUB-262	Proteomics_pub	217612	217644	-	5	DVATPEVADIR	11
PPUB-263	Proteomics_pub	217612	217671	-	5	HYFGINWDRDVATPEVADIR	20
PPUB-264	Proteomics_pub	217645	217671	-	5	HYFGINWDR	9
PPUB-265	Proteomics_pub	217723	217779	-	5	AGPGSLGPVNMPIPVIDR	19
PPUB-266	Proteomics_pub	217792	217851	-	5	AEKLPQVASPLTFATEEEIR	20
PPUB-267	Proteomics_pub	217792	217842	-	5	LPQVASPLTFATEEEIR	17
PPUB-268	Proteomics_pub	217852	217878	-	5	GDHELNEVK	9
PPUB-269	Proteomics_pub	217879	217923	-	5	AVEGSSFPQVALLVR	15
PPUB-270	Proteomics_pub	217948	217992	-	5	TIAELVEQFNLPKIEK	15
PPUB-271	Proteomics_pub	217993	218040	-	5	AAATQEMTLVDTPNAK	16
PPUB-272	Proteomics_pub	218362	218397	-	5	QLPLNFYQIQTK	12
PPUB-273	Proteomics_pub	218419	218490	-	5	FVDRGERPFVLGPTHEEVITDLIR	24
PPUB-274	Proteomics_pub	218419	218478	-	5	GERPFVLGPTHEEVITDLIR	20
PPUB-275	Proteomics_pub	218491	218520	-	5	WEQYGPELLR	10
PPUB-276	Proteomics_pub	218632	218673	-	5	LASGLYTWLPTGVR	14
PPUB-277	Proteomics_pub	218692	218739	-	5	ETPADAEVISHQLMLR	16
PPUB-278	Proteomics_pub	218740	218769	-	5	TSQYLLSTLK	10
PPUB-279	Proteomics_pub	219804	219845	-	4	IYTNAEELVGKPFRR	14
PPUB-280	Proteomics_pub	219891	219932	-	4	SPVEPVQSTAPQPK	14
PPUB-281	Proteomics_pub	220146	220193	-	4	FVQAYQSDEVYEAANK	16
PPUB-282	Proteomics_pub	220227	220283	-	4	DGIFVEDKESPYVNLIVTR	19
PPUB-283	Proteomics_pub	220227	220259	-	4	ESPYVNLIVTR	11
PPUB-284	Proteomics_pub	220362	220394	-	4	IVELEAPQLPR	11
PPUB-285	Proteomics_pub	220497	220562	-	4	SLDELQDGSQVAVPNDPTNLGR	22
PPUB-286	Proteomics_pub	220572	220622	-	4	LVAVGNTFVYPIAGYSK	17
PPUB-287	Proteomics_pub	220638	220694	-	4	GDIDANAFQHKPYLDQQLK	19
PPUB-288	Proteomics_pub	220776	220826	-	4	VGIVGAEQQVAEVAQK	17
PPUB-289	Proteomics_pub	222514	222555	-	5	GAIVGIIGPNGAGK	14
PPUB-290	Proteomics_pub	254403	254453	-	4	TPNIQIIHAGLECGLFK	17
PPUB-291	Proteomics_pub	254481	254537	-	4	GAYPGWQPDANSPVMHLVR	19
PPUB-292	Proteomics_pub	254565	254600	-	4	DYVVSMLDSLKG	12
PPUB-293	Proteomics_pub	254565	254621	-	4	SLIDSGKDYVVSMLDSLKG	19

PPUB-294	Proteomics_pub	254718	254750	-	4	LLNATPNGVIR	11
PPUB-295	Proteomics_pub	254790	254834	-	4	EKNLALLLDSVANDK	15
PPUB-296	Proteomics_pub	254790	254828	-	4	NLALLLDSVANDK	13
PPUB-297	Proteomics_pub	254853	254885	-	4	SLVNTYQEILK	11
PPUB-298	Proteomics_pub	254901	254936	-	4	EAFATIAVAADK	12
PPUB-299	Proteomics_pub	254952	254981	-	4	LIDFNGGTLR	10
PPUB-300	Proteomics_pub	254982	255017	-	4	FLAGHAEELDLR	12
PPUB-301	Proteomics_pub	255030	255080	-	4	GGHSGGEIHVGLGNANK	17
PPUB-302	Proteomics_pub	255102	255134	-	4	EAVPAGFETFK	11
PPUB-303	Proteomics_pub	255399	255437	-	4	DPIQPYIDGEWVK	13
PPUB-304	Proteomics_pub	255438	255467	-	4	NNDTVHDFTK	10
PPUB-305	Proteomics_pub	255468	255512	-	4	KPVVLQAHLDMPVQK	15
PPUB-306	Proteomics_pub	255513	255542	-	4	KPATAGMENR	10
PPUB-307	Proteomics_pub	255543	255569	-	4	DQVGNILIR	9
PPUB-308	Proteomics_pub	255663	255713	-	4	SELSQLSPQPLWDIFAK	17
PPUB-309	Proteomics_pub	258323	258376	-	6	NMSTYVDYIINQIDSDNK	18
PPUB-310	Proteomics_pub	258377	258412	-	6	YVDVGATYYFNK	12
PPUB-311	Proteomics_pub	258455	258532	-	6	AQNFEAVAQYQFDGFLRPSLAYLQSK	26
PPUB-312	Proteomics_pub	258569	258616	-	6	YDANNIYLAANYGETR	16
PPUB-313	Proteomics_pub	258617	258646	-	6	KAEQWATGLK	10
PPUB-314	Proteomics_pub	258800	258859	-	6	NTDFFGLVDGLNFAVQYQGK	20
PPUB-315	Proteomics_pub	258800	258859	-	6	NSNFFGLVDGLNFAVQYLGK	20
PPUB-316	Proteomics_pub	258983	259015	-	6	FQDVGSFDYGR	11
PPUB-317	Proteomics_pub	258983	259036	-	6	VAFAGLKFQDVGSFDYGR	18
PPUB-318	Proteomics_pub	258983	259036	-	6	LAFAGLKYADVGSFDYGR	18
PPUB-319	Proteomics_pub	258983	259015	-	6	YADVGSFDYGR	11
PPUB-320	Proteomics_pub	259151	259213	-	6	VDGLHYFSDNKDVDGDQTYMR	21
PPUB-321	Proteomics_pub	259214	259243	-	6	DGNKLDLYGK	10
PPUB-322	Proteomics_pub	259214	259243	-	6	DGNKVDLYGK	10
PPUB-323	Proteomics_pub	326881	326907	-	5	VLCGGDVLK	9
PPUB-324	Proteomics_pub	360545	360613	-	6	IGAGSVVLQPVPPHTTAAGVPAR	23
PPUB-325	Proteomics_pub	377875	377958	-	5	GWGQSVIIGVAVAGQEISTRPFQLVTGR	28
PPUB-326	Proteomics_pub	378130	378156	-	5	IIAIDTNPk	9
PPUB-327	Proteomics_pub	378466	378489	-	5	TNLCVAVR	8
PPUB-328	Proteomics_pub	388046	388075	-	6	VVLESLGSIK	10
PPUB-329	Proteomics_pub	388076	388111	-	6	FAALAGAIDEK	12
PPUB-330	Proteomics_pub	388112	388171	-	6	ERTELPIGAYQVSGEYAMIK	20
PPUB-331	Proteomics_pub	388112	388165	-	6	TELPIGAYQVSGEYAMIK	18
PPUB-332	Proteomics_pub	388181	388270	-	6	EAIRESLLDEAQGADCLMVKPAYLDIVR	30
PPUB-333	Proteomics_pub	388181	388258	-	6	ESLLDEAQGADCLMVKPAYLDIVR	26
PPUB-334	Proteomics_pub	388337	388366	-	6	FASSFYGPFR	10
PPUB-335	Proteomics_pub	388367	388396	-	6	DTAIMSYSTK	10
PPUB-336	Proteomics_pub	388397	388423	-	6	QALDAAGFK	9
PPUB-337	Proteomics_pub	388787	388816	-	6	AVEAMPGVMR	10
PPUB-338	Proteomics_pub	399113	399157	-	6	LWQASGLGYTDLITR	15
PPUB-339	Proteomics_pub	399305	399346	-	6	VVVPAIAPEINDK	14

PPUB-340	Proteomics_pub	399347	399370	-	6	YIDEDGAK	8
PPUB-341	Proteomics_pub	399557	399616	-	6	LGLPLFVKPANQGSSVGVSK	20
PPUB-342	Proteomics_pub	399617	399649	-	6	HNISFAEVESK	11
PPUB-343	Proteomics_pub	399659	399700	-	6	DAGLNIAPFITLTR	14
PPUB-344	Proteomics_pub	400013	400042	-	6	FDVVLLGIDK	10
PPUB-345	Proteomics_pub	400073	400108	-	6	SAEHEVSLQSAK	12
PPUB-346	Proteomics_pub	404146	404190	-	5	DMVCSPPGGTTIEAVR	15
PPUB-347	Proteomics_pub	404191	404229	-	5	MVLETGEHPGALK	13
PPUB-348	Proteomics_pub	404230	404262	-	5	FAAQAVMGSAAK	11
PPUB-349	Proteomics_pub	404602	404634	-	5	VLSEITSSLNK	11
PPUB-350	Proteomics_pub	408563	408613	-	6	KQDLTSEEITNHIEAGK	17
PPUB-351	Proteomics_pub	408620	408649	-	6	SLLEDGGVIR	10
PPUB-352	Proteomics_pub	408650	408700	-	6	SGSAAQGFQLLDEAELK	17
PPUB-353	Proteomics_pub	408779	408808	-	6	KAEDTLALLR	10
PPUB-354	Proteomics_pub	430398	430469	-	4	YWHGGQWNNDAELNFGNGNFNVR	24
PPUB-355	Proteomics_pub	430674	430733	-	4	YQWQNYGAANENEWDGYRFK	20
PPUB-356	Proteomics_pub	430680	430733	-	4	YQWQNYGAANENEWDGYR	18
PPUB-357	Proteomics_pub	430830	430871	-	4	EWYFANNYIDMGR	14
PPUB-358	Proteomics_pub	430872	430907	-	4	LTNTDLSFGPFK	12
PPUB-359	Proteomics_pub	430923	430970	-	4	GIWNHGSPLFMEIEPR	16
PPUB-360	Proteomics_pub	431037	431075	-	4	NDTYLEYEAFACK	13
PPUB-361	Proteomics_pub	431040	431075	-	4	NDTYLEYEAFK	12
PPUB-362	Proteomics_pub	440496	440528	-	4	ALSELEQIVTR	11
PPUB-363	Proteomics_pub	442365	442412	-	4	LLTSQGGTAIDFGLK	16
PPUB-364	Proteomics_pub	442587	442616	-	4	DSTLLVETVK	10
PPUB-365	Proteomics_pub	447898	447930	-	5	LENQHFDEITK	11
PPUB-366	Proteomics_pub	448105	448140	-	5	KPDHYEEIHMPK	12
PPUB-367	Proteomics_pub	448255	448284	-	5	DLTGDPWGGRR	10
PPUB-368	Proteomics_pub	449995	450075	-	5	LAAPSEYNQVEYFSNVKPDFADVINK	27
PPUB-369	Proteomics_pub	450076	450117	-	5	QSPNTMSDMAAFEK	14
PPUB-370	Proteomics_pub	450124	450150	-	5	AAFDQWVAK	9
PPUB-371	Proteomics_pub	450178	450258	-	5	LHLIANEPGTYDGISASYSGGFGSMK	27
PPUB-372	Proteomics_pub	450301	450342	-	5	VTSNSVMNSFFIPR	14
PPUB-373	Proteomics_pub	452828	452911	-	6	NIADAVNSVLTDTIADMSQDTSIHEFIK	28
PPUB-374	Proteomics_pub	452912	452953	-	6	ASYNVEGAFQASNK	14
PPUB-375	Proteomics_pub	452972	453013	-	6	ADIAIIATAQNGNK	14
PPUB-376	Proteomics_pub	453032	453118	-	6	GYMVGPNPVLNLIIVSPLYADVSQGNVR	29
PPUB-377	Proteomics_pub	453134	453160	-	6	FLLQEVLEK	9
PPUB-378	Proteomics_pub	453170	453202	-	6	DNQIVTLTASR	11
PPUB-379	Proteomics_pub	474116	474139	-	6	DGNSFSAR	8
PPUB-380	Proteomics_pub	474140	474172	-	6	KPIIYDVETLR	11
PPUB-381	Proteomics_pub	474338	474367	-	6	NLLTLLNLEK	10
PPUB-382	Proteomics_pub	480481	480522	-	5	KNEDIEHSHTVDHH	14
PPUB-383	Proteomics_pub	480721	480753	-	5	GLIEATLDAVR	11
PPUB-384	Proteomics_pub	480721	480762	-	5	EGKGVVEATLMAVR	14
PPUB-385	Proteomics_pub	481768	481818	-	5	NNVESVFAVNGFGFAGR	17

PPUB-386	Proteomics_pub	481825	481860	-	5	VLNEVTHYYLTK	12
PPUB-387	Proteomics_pub	482020	482061	-	5	STHHYTDSVGGILR	14
PPUB-388	Proteomics_pub	482074	482097	-	5	GFFGWFNR	8
PPUB-389	Proteomics_pub	482662	482691	-	5	MEPFFPSGLK	10
PPUB-390	Proteomics_pub	482707	482751	-	5	LATGANALDTAAAIR	15
PPUB-391	Proteomics_pub	482884	482910	-	5	LTSTEEFGK	9
PPUB-392	Proteomics_pub	482911	482949	-	5	GQQLNASIIAQTR	13
PPUB-393	Proteomics_pub	482950	483003	-	5	AQNAQVAAGQLGGTTPVK	18
PPUB-394	Proteomics_pub	483653	483721	-	6	AQEVADANNQAASGAQPEQSKS	23
PPUB-395	Proteomics_pub	483656	483721	-	6	AQEVADANNQAASGAQPEQSK	22
PPUB-396	Proteomics_pub	483782	483805	-	6	WLVTEGLK	8
PPUB-397	Proteomics_pub	483899	483961	-	6	ARLEEGLNPNAILVPQQGVTR	21
PPUB-398	Proteomics_pub	483899	483955	-	6	LEEGLNPNAILVPQQGVTR	19
PPUB-399	Proteomics_pub	484361	484423	-	6	QEYDQALADAQQANAAVTAAK	21
PPUB-400	Proteomics_pub	484460	484501	-	6	AQAAANIAQLTVNR	14
PPUB-401	Proteomics_pub	484517	484597	-	6	EGSDIEAGVSLYQIDPATYQATYDSAK	27
PPUB-402	Proteomics_pub	484667	484705	-	6	TEPLQITTELPGR	13
PPUB-403	Proteomics_pub	505911	505976	-	4	RLPTIIDAPAQEFATYVSGGK	22
PPUB-404	Proteomics_pub	506085	506135	-	4	HLAVAVTPVAGQLDLKK	17
PPUB-405	Proteomics_pub	506169	506201	-	4	KLGLNPDQVYK	11
PPUB-406	Proteomics_pub	508549	508593	-	5	LLTGDSPPFAANALGK	15
PPUB-407	Proteomics_pub	516682	516735	-	5	TFQEILAAALGTGDALASK	18
PPUB-408	Proteomics_pub	516739	516768	-	5	DLTAADGQTR	10
PPUB-409	Proteomics_pub	516772	516810	-	5	NEEALELLFGHLR	13
PPUB-410	Proteomics_pub	516811	516921	-	5	QAADTPEIQQLQQVAENPEDAALATQLALQLHQVGR	37
PPUB-411	Proteomics_pub	516922	516957	-	5	YQGLVAQIELLK	12
PPUB-412	Proteomics_pub	516958	516987	-	5	TIPLQDQDTR	10
PPUB-413	Proteomics_pub	517015	517089	-	5	DAWQLSNQNGEIGLLLAETLIALNR	25
PPUB-414	Proteomics_pub	517195	517275	-	5	AIPTVYLFQNGQPVDGFGQPPEAIR	27
PPUB-415	Proteomics_pub	517276	517323	-	5	LDCDAEQMIAAQFGLR	16
PPUB-416	Proteomics_pub	517402	517500	-	5	SVENIVNINESNLQQVLEQSMTPVLFYFWSER	33
PPUB-417	Proteomics_pub	518645	518680	-	6	GFQPQQTEQTLR	12
PPUB-418	Proteomics_pub	518681	518719	-	6	WVLEVELGGNDGLR	13
PPUB-419	Proteomics_pub	550837	550875	-	5	VGHLNLTDSDTSR	13
PPUB-420	Proteomics_pub	551482	551508	-	5	SEWPAVFDR	9
PPUB-421	Proteomics_pub	551509	551550	-	5	LHLPTAPWQLLAER	14
PPUB-422	Proteomics_pub	551578	551604	-	5	DVFPIIADR	9
PPUB-423	Proteomics_pub	551578	551625	-	5	HPAFVNRDVFPIIADR	16
PPUB-424	Proteomics_pub	551638	551661	-	5	WPETALTR	8
PPUB-425	Proteomics_pub	551826	551864	-	4	AQTDEVLENPDPR	13
PPUB-426	Proteomics_pub	551898	551954	-	4	AGAANAALLAAQILATHDK	19
PPUB-427	Proteomics_pub	551955	551987	-	4	GIPVGTLAGK	11
PPUB-428	Proteomics_pub	552075	552173	-	4	LFSFAESAEENGYQVIIAGAGGAAHLPGMIAAK	33
PPUB-429	Proteomics_pub	553205	553231	-	6	SGMHQDVPK	9
PPUB-430	Proteomics_pub	553430	553465	-	6	EPIKNEANGLK	12
PPUB-431	Proteomics_pub	553475	553531	-	6	VIPGFMIQGGGFTEQMQQK	19

PPUB-432	Proteomics_pub	553481	553531	-	6	VINGFMIQGGGFEPGMK	17
PPUB-433	Proteomics_pub	553532	553603	-	6	APVSVQNFVDYVNSGFYNNTTFHR	24
PPUB-434	Proteomics_pub	553532	553564	-	6	EGFYNNTIFHR	11
PPUB-435	Proteomics_pub	553565	553585	-	6	NFLDYCR	7
PPUB-436	Proteomics_pub	553586	553618	-	6	TFDDKAPETVK	11
PPUB-437	Proteomics_pub	553619	553660	-	6	MVTFHTNHGDIVIK	14
PPUB-438	Proteomics_pub	556004	556039	-	6	LEGWSESGAQAK	12
PPUB-439	Proteomics_pub	556040	556072	-	6	HPHVELCDLLK	11
PPUB-440	Proteomics_pub	556209	556247	-	4	VVGDVVFEDAAKR	13
PPUB-441	Proteomics_pub	556212	556247	-	4	VVGDVVFEDAAK	12
PPUB-442	Proteomics_pub	556575	556610	-	4	DVDGFHPYNVGR	12
PPUB-443	Proteomics_pub	556575	556625	-	4	IHPDKDVDGFHPYNVGR	17
PPUB-444	Proteomics_pub	556803	556868	-	4	APGLAVVLVGSNPASQIYVASK	22
PPUB-445	Proteomics_pub	556887	556916	-	4	SEVAQKVQAR	10
PPUB-446	Proteomics_pub	564335	564367	-	6	RADGTSTPAVR	11
PPUB-447	Proteomics_pub	564554	564580	-	6	FALATGLRK	9
PPUB-448	Proteomics_pub	575041	575067	-	5	NMSTYVDYK	9
PPUB-449	Proteomics_pub	575068	575103	-	5	YVDVGATYYFNK	12
PPUB-450	Proteomics_pub	575146	575223	-	5	AQNFEAVAQYQDFGLRPSLAYLQSK	26
PPUB-451	Proteomics_pub	575263	575310	-	5	YDANNIYLAANYGETR	16
PPUB-452	Proteomics_pub	575515	575574	-	5	NTDFFGLVDGLNFAVQYQGK	20
PPUB-453	Proteomics_pub	575515	575574	-	5	NSNFFGLVDGLNFAVQYLGK	20
PPUB-454	Proteomics_pub	575698	575751	-	5	VAFAGLKFQDVGSFDYGR	18
PPUB-455	Proteomics_pub	575698	575751	-	5	LAFAGLKYADVGSFDYGR	18
PPUB-456	Proteomics_pub	575869	575931	-	5	VDGLHYFSDNKDVDGDQTYMR	21
PPUB-457	Proteomics_pub	575932	575961	-	5	DGNKLDLYGK	10
PPUB-458	Proteomics_pub	583915	583965	-	5	NGAGIENYNFITTAGLK	17
PPUB-459	Proteomics_pub	583966	584016	-	5	GNTSLYDHNNNTSDYSK	17
PPUB-460	Proteomics_pub	583966	584019	-	5	KGNTSLYDHNDNTSDYSK	18
PPUB-461	Proteomics_pub	583966	584019	-	5	KGNTSLYDHNNNTSDYSK	18
PPUB-462	Proteomics_pub	584020	584058	-	5	VYVEGAWNRVTNK	13
PPUB-463	Proteomics_pub	584032	584058	-	5	VYVEGAWNR	9
PPUB-464	Proteomics_pub	584059	584124	-	5	VKDQNYYSVAVNAGYYVTPNAK	22
PPUB-465	Proteomics_pub	584143	584199	-	5	YSGWVSSDNDHEYDPGKR	19
PPUB-466	Proteomics_pub	584200	584232	-	5	YEDFELGGTFK	11
PPUB-467	Proteomics_pub	584233	584271	-	5	FKMPYIGLTGSYR	13
PPUB-468	Proteomics_pub	584233	584265	-	5	MPYIGLTGSYR	11
PPUB-469	Proteomics_pub	584293	584364	-	5	GGSYIYSSEEGFRDDIGSFPNGER	24
PPUB-470	Proteomics_pub	584326	584364	-	5	GGSYIYSSEEGFR	13
PPUB-471	Proteomics_pub	584383	584415	-	5	LGLMAGYQESR	11
PPUB-472	Proteomics_pub	584416	584445	-	5	GWLLNEPNYR	10
PPUB-473	Proteomics_pub	584446	584496	-	5	HPDTQLNYANEFDLNIK	17
PPUB-474	Proteomics_pub	584662	584685	-	5	KVSQLDWK	8
PPUB-475	Proteomics_pub	584686	584712	-	5	VYLAEEGGR	9
PPUB-476	Proteomics_pub	603997	604026	-	5	LPQNITLTEV	10
PPUB-477	Proteomics_pub	603997	604032	-	5	SRLPQNITLTEV	12

PPUB-478	Proteomics_pub	604033	604104	-	5	GYTSLVVVPGVGHHSVEDFNATLPK	24
PPUB-479	Proteomics_pub	604225	604257	-	5	DLHDDAEWMAK	11
PPUB-480	Proteomics_pub	604306	604359	-	5	LVVDQEDADGRFATPEAK	18
PPUB-481	Proteomics_pub	604327	604359	-	5	LVVDQEDADGR	11
PPUB-482	Proteomics_pub	604360	604386	-	5	TAMDDVWLK	9
PPUB-483	Proteomics_pub	604387	604425	-	5	MLDASHVVVFCVK	13
PPUB-484	Proteomics_pub	604429	604461	-	5	SAAGNYVFNER	11
PPUB-485	Proteomics_pub	604555	604587	-	5	KLTPQAEQIK	11
PPUB-486	Proteomics_pub	604555	604584	-	5	LTPEQAEQIK	10
PPUB-487	Proteomics_pub	609705	609734	-	4	GQPAVGPETK	10
PPUB-488	Proteomics_pub	610065	610097	-	4	DGWLAVGTWFR	11
PPUB-489	Proteomics_pub	610656	610703	-	4	IPEGLAGGTEGKFNEK	16
PPUB-490	Proteomics_pub	610668	610703	-	4	IPEGLAGGTEGK	12
PPUB-491	Proteomics_pub	610977	611012	-	4	AGTYATTLPAGR	12
PPUB-492	Proteomics_pub	611211	611273	-	4	GPMSLYGSDALGGVNIITK	21
PPUB-493	Proteomics_pub	611211	611255	-	4	YNGAAGGVNIITK	15
PPUB-494	Proteomics_pub	611370	611426	-	4	GMGPENTLILIDGKPVSSR	19
PPUB-495	Proteomics_pub	611454	611501	-	4	TMPGVNLTGNSTSGQR	16
PPUB-496	Proteomics_pub	619285	619326	-	5	GAIVGIIGPNGAGK	14
PPUB-497	Proteomics_pub	633884	633928	-	6	IPAWYDEAGNVVYVGR	15
PPUB-498	Proteomics_pub	637053	637079	-	4	TLNIIMGNK	9
PPUB-499	Proteomics_pub	637197	637235	-	4	LNVPANVSTEQMK	13
PPUB-500	Proteomics_pub	637536	637568	-	4	GENLSNTLIEK	11
PPUB-501	Proteomics_pub	640695	640748	-	4	NPSISTHLLGSNASSVIR	18
PPUB-502	Proteomics_pub	640842	640883	-	4	LQTMVSHFTIDPSR	14
PPUB-503	Proteomics_pub	640884	640922	-	4	RFEHLQHEAQR	13
PPUB-504	Proteomics_pub	643648	643671	-	5	FLADNYGK	8
PPUB-505	Proteomics_pub	643672	643707	-	5	LNQEIKESEAGK	12
PPUB-506	Proteomics_pub	643882	643926	-	5	FGCATRPIPNLPEAR	15
PPUB-507	Proteomics_pub	643969	644013	-	5	ADFLTVHGLWVPLPK	15
PPUB-508	Proteomics_pub	658492	658521	-	5	SSYHADLQAK	10
PPUB-509	Proteomics_pub	658630	658677	-	5	HGVTMLTLGQYLQPSR	16
PPUB-510	Proteomics_pub	658747	658779	-	5	FKEAHPEIPTK	11
PPUB-511	Proteomics_pub	658840	658905	-	5	ALDILTATPPDVFHNHLENVPR	22
PPUB-512	Proteomics_pub	658921	658947	-	5	IETLVPDFR	9
PPUB-513	Proteomics_pub	658969	659013	-	5	DGGAQHFADCCITAIR	15
PPUB-514	Proteomics_pub	659014	659052	-	5	YVVITSVDRDDL	13
PPUB-515	Proteomics_pub	659053	659085	-	5	LAQTIADMALR	11
PPUB-516	Proteomics_pub	661710	661754	-	4	HAPGDYTPVTKPSSK	15
PPUB-517	Proteomics_pub	661755	661811	-	4	VMGQALPELVDQVVEVVQR	19
PPUB-518	Proteomics_pub	661812	661853	-	4	LNELLEFPPTFTYK	14
PPUB-519	Proteomics_pub	661812	661859	-	4	TKLNELLEFPPTFTYK	16
PPUB-520	Proteomics_pub	662125	662172	-	5	ASYVLNSSLHAPLQK	16
PPUB-521	Proteomics_pub	662194	662238	-	5	ASLGVDKDVYLTIPR	15
PPUB-522	Proteomics_pub	662239	662280	-	5	EFASEPVWFGDSDR	14
PPUB-523	Proteomics_pub	662290	662316	-	5	FFETVNPLK	9

PPUB-524	Proteomics_pub	662317	662337	-	5	LLTWGFR	7
PPUB-525	Proteomics_pub	662371	662397	-	5	LISAVMGGR	9
PPUB-526	Proteomics_pub	662398	662442	-	5	AGYNLVASATEGQMR	15
PPUB-527	Proteomics_pub	662461	662505	-	5	NGLLWDNSLNVDGIK	15
PPUB-528	Proteomics_pub	662518	662541	-	5	EFTFNGIR	8
PPUB-529	Proteomics_pub	662578	662610	-	5	DMALIGQALIR	11
PPUB-530	Proteomics_pub	662611	662670	-	5	NTHFQTVHGLDADGQYSSAR	20
PPUB-531	Proteomics_pub	662848	662913	-	5	FKETDLVTIGNDAWATGNPVFK	22
PPUB-532	Proteomics_pub	668080	668121	-	5	HVMSIADHVQESR	14
PPUB-533	Proteomics_pub	668170	668205	-	5	GQDIIALDVQGK	12
PPUB-534	Proteomics_pub	668206	668247	-	5	ALQDFVIDKIDDLK	14
PPUB-535	Proteomics_pub	668221	668247	-	5	ALQDFVIDK	9
PPUB-536	Proteomics_pub	671448	671471	-	4	KVIYVPGK	8
PPUB-537	Proteomics_pub	671496	671522	-	4	AGQEHLVAK	9
PPUB-538	Proteomics_pub	671523	671567	-	4	ITVPVDATEEQVRER	15
PPUB-539	Proteomics_pub	671529	671573	-	4	AKITVPVDATEEQVR	15
PPUB-540	Proteomics_pub	671529	671567	-	4	ITVPVDATEEQVR	13
PPUB-541	Proteomics_pub	671628	671675	-	4	GEGDIDNAPWPVADEK	16
PPUB-542	Proteomics_pub	671730	671765	-	4	ALMQEALLAVVR	12
PPUB-543	Proteomics_pub	671730	671792	-	4	APTDGEQDRALMQEALLAVVR	21
PPUB-544	Proteomics_pub	671766	671792	-	4	APTDGEQDR	9
PPUB-545	Proteomics_pub	671802	671849	-	4	QTFNTAIAAIMELMNK	16
PPUB-546	Proteomics_pub	671802	671852	-	4	RQTFNTAIAAIMELMNK	17
PPUB-547	Proteomics_pub	671910	671957	-	4	GDVAALNVDALTEDQK	16
PPUB-548	Proteomics_pub	671910	671957	-	4	GDVAALNVDALTENQK	16
PPUB-549	Proteomics_pub	672099	672134	-	4	NNGIDPQVMVER	12
PPUB-550	Proteomics_pub	672099	672140	-	4	SKNNGIDPQVMVER	14
PPUB-551	Proteomics_pub	672150	672197	-	4	AKDAAGHELVTGMSK	16
PPUB-552	Proteomics_pub	672150	672191	-	4	DAAGHELVTGMSK	14
PPUB-553	Proteomics_pub	672213	672257	-	4	NWVSPVDAIVERDEK	15
PPUB-554	Proteomics_pub	672222	672257	-	4	NWVSPVDAIVER	12
PPUB-555	Proteomics_pub	672324	672359	-	4	DAGMVNSDEPAK	12
PPUB-556	Proteomics_pub	672501	672551	-	4	ETDTFDTFMESSWYYAR	17
PPUB-557	Proteomics_pub	672552	672581	-	4	TTVNGMPALR	10
PPUB-558	Proteomics_pub	672735	672758	-	4	LRDWGVSR	8
PPUB-559	Proteomics_pub	672774	672800	-	4	LTAMGVGER	9
PPUB-560	Proteomics_pub	672873	672953	-	4	YGLNIKPVILAADGSEPDLSQQALTEK	27
PPUB-561	Proteomics_pub	673083	673106	-	4	KGVDTGFK	8
PPUB-562	Proteomics_pub	673107	673139	-	4	VAEAEMATMEK	11
PPUB-563	Proteomics_pub	673149	673196	-	4	AAENNPেলাAFIDEKR	16
PPUB-564	Proteomics_pub	673356	673382	-	4	LDHWPDTVK	9
PPUB-565	Proteomics_pub	673383	673424	-	4	ITAYADELLNDLKD	14
PPUB-566	Proteomics_pub	673425	673448	-	4	EIPQWFIK	8
PPUB-567	Proteomics_pub	673473	673550	-	4	TSAVNWCPNDQTVLANEQVIDGCCWR	26
PPUB-568	Proteomics_pub	673569	673592	-	4	FFTELYKK	8
PPUB-569	Proteomics_pub	673605	673637	-	4	ELATCTPEYYR	11



PPUB-570	Proteomics_pub	673638	673667	-	4	MLGFGYDWSR	10
PPUB-571	Proteomics_pub	673680	673730	-	4	NNTAPAPWTYDNIAYMK	17
PPUB-572	Proteomics_pub	673731	673793	-	4	NVLQPIGWDAFGLPAEGAAVK	21
PPUB-573	Proteomics_pub	673815	673844	-	4	NYTIGDVIAR	10
PPUB-574	Proteomics_pub	673866	673904	-	4	YYCLSMLPYPSGR	13
PPUB-575	Proteomics_pub	673905	673940	-	4	TFEVTEDESKEK	12
PPUB-576	Proteomics_pub	673911	673943	-	4	RTFEVTEDESK	11
PPUB-577	Proteomics_pub	673911	673940	-	4	TFEVTEDESK	10
PPUB-578	Proteomics_pub	673941	673967	-	4	VQLHWDEKR	9
PPUB-579	Proteomics_pub	673968	674006	-	4	MQEQRPEEIESK	13
PPUB-580	Proteomics_pub	682116	682178	-	4	IINEPTAAALAYGLDKGTGNR	21
PPUB-581	Proteomics_pub	684047	684082	-	6	YPLHLSGGQQQR	12
PPUB-582	Proteomics_pub	684047	684091	-	6	AHHYPSELSSGGQQQR	15
PPUB-583	Proteomics_pub	686677	686703	-	5	LIPITSQNR	9
PPUB-584	Proteomics_pub	686737	686787	-	5	VVGYSQDYSNAIVEAVK	17
PPUB-585	Proteomics_pub	686830	686856	-	5	NGVIVVGR	9
PPUB-586	Proteomics_pub	689196	689237	-	4	DKGSSLVTGIVDAR	14
PPUB-587	Proteomics_pub	689364	689396	-	4	WDEGQLLNTLK	11
PPUB-588	Proteomics_pub	690213	690248	-	4	GETIDIDGYQFK	12
PPUB-589	Proteomics_pub	690804	690842	-	4	DMLEGVMDIADQR	13
PPUB-590	Proteomics_pub	690882	690911	-	4	NRDELLALIR	10
PPUB-591	Proteomics_pub	691768	691809	-	5	AVITGDVTQIDLPR	14
PPUB-592	Proteomics_pub	691912	691947	-	5	NVIEVAPLAYMR	12
PPUB-593	Proteomics_pub	691969	692028	-	5	VDPYLRPLYDALFEMLGFEK	20
PPUB-594	Proteomics_pub	692029	692061	-	5	LGFLPGDLSQK	11
PPUB-595	Proteomics_pub	692116	692157	-	5	TYLAVAAAVALER	14
PPUB-596	Proteomics_pub	692158	692238	-	5	TPNQAQYIANILDHDITFGVGPAGTGK	27
PPUB-597	Proteomics_pub	692281	692322	-	5	VLEQSAESVPEYGK	14
PPUB-598	Proteomics_pub	692332	692379	-	5	GQIQDIEPEQIHLAIK	16
PPUB-599	Proteomics_pub	692380	692409	-	5	SLYVDTAPMR	10
PPUB-600	Proteomics_pub	692410	692457	-	5	LTGRPICVTAADILR	16
PPUB-601	Proteomics_pub	692500	692550	-	5	LLSLCGPFDDNIKQLER	17
PPUB-602	Proteomics_pub	692512	692550	-	5	LLSLCGPFDDNIK	13
PPUB-603	Proteomics_pub	692551	692583	-	5	EITLEPADNAR	11
PPUB-604	Proteomics_pub	692799	692831	-	4	VAETPESVIAR	11
PPUB-605	Proteomics_pub	692871	692915	-	4	FVDVEITDVYPNSLR	15
PPUB-606	Proteomics_pub	692916	692954	-	4	VVNFEGTPDMIGK	13
PPUB-607	Proteomics_pub	693045	693074	-	4	INQQAMAWSR	10
PPUB-608	Proteomics_pub	693363	693419	-	4	DTPELVSFLHLPVQSGSDR	19
PPUB-609	Proteomics_pub	693480	693509	-	4	LVAIDGIDR	10
PPUB-610	Proteomics_pub	693510	693596	-	4	EVNLLGQNVNAWRGENYDGTGGSFADLLR	29
PPUB-611	Proteomics_pub	693510	693557	-	4	GENYDGTGGSFADLLR	16
PPUB-612	Proteomics_pub	693558	693596	-	4	EVNLLGQNVNAWR	13
PPUB-613	Proteomics_pub	693597	693668	-	4	GEEVSRPSDDILFEIAQLAAQGVR	24
PPUB-614	Proteomics_pub	693774	693812	-	4	SPVVDISFPEIEK	13
PPUB-615	Proteomics_pub	693822	693848	-	4	LPEMINSVR	9

PPUB-616	Proteomics_pub	693849	693893	-	4	AHYVDIIFGPQTLHR	15
PPUB-617	Proteomics_pub	696739	696768	-	5	AVGVHQSAVK	10
PPUB-618	Proteomics_pub	696793	696819	-	5	AIEWDEAFK	9
PPUB-619	Proteomics_pub	696955	697002	-	5	EVAAQQVSDQQLETAR	16
PPUB-620	Proteomics_pub	697198	697227	-	5	AMSAWGVVEAR	10
PPUB-621	Proteomics_pub	697396	697425	-	5	ASTPMYLSMR	10
PPUB-622	Proteomics_pub	697738	697773	-	5	NELRQALEDVSK	12
PPUB-623	Proteomics_pub	697762	697791	-	5	DNVTDKNELR	10
PPUB-624	Proteomics_pub	698146	698196	-	5	THVLAVNGEIYNHQALR	17
PPUB-625	Proteomics_pub	698197	698250	-	5	LSIVDVNAGAQLYNQVK	18
PPUB-626	Proteomics_pub	698251	698307	-	5	GPDWSGIYASDNAILAHER	19
PPUB-627	Proteomics_pub	698251	698313	-	5	HRGPDWSGIYASDNAILAHER	21
PPUB-628	Proteomics_pub	699100	699132	-	5	FIATNPDTHGR	11
PPUB-629	Proteomics_pub	699190	699246	-	5	AGFTITDVNPDFVIVGETR	19
PPUB-630	Proteomics_pub	702043	702075	-	5	YFNELEAENIK	11
PPUB-631	Proteomics_pub	702091	702132	-	5	AIMVCDEPSTMELK	14
PPUB-632	Proteomics_pub	702286	702318	-	5	FFDNDVNQVVK	11
PPUB-633	Proteomics_pub	702478	702561	-	5	NFFDHVDIPAENINLLNGNAPDIDAECR	28
PPUB-634	Proteomics_pub	702793	702828	-	5	LIPLTAEQVQK	12
PPUB-635	Proteomics_pub	709540	709575	-	5	VIEFSDDSIER	12
PPUB-636	Proteomics_pub	709576	709638	-	5	SVFELTQQHHHDHLCICLDCGK	21
PPUB-637	Proteomics_pub	709660	709698	-	5	VLNQFDDAGIVTR	13
PPUB-638	Proteomics_pub	709747	709806	-	5	ILEVLQEPDNHHVSAEDLYK	20
PPUB-639	Proteomics_pub	710221	710295	-	5	GLADDDHFVGLAIDEDRQPELTAER	25
PPUB-640	Proteomics_pub	710296	710352	-	5	GATIVGHWPTAGYHFEASK	19
PPUB-641	Proteomics_pub	710575	710604	-	5	DVADVHDIK	10
PPUB-642	Proteomics_pub	710629	710685	-	5	AITGIFFGSDTGNTENIAK	19
PPUB-643	Proteomics_pub	711510	711533	-	4	SFVDGEWR	8
PPUB-644	Proteomics_pub	711711	711746	-	4	AVMALTALASDR	12
PPUB-645	Proteomics_pub	719021	719044	-	6	GDLVLFDR	8
PPUB-646	Proteomics_pub	752438	752461	-	6	QLYTGYEK	8
PPUB-647	Proteomics_pub	752477	752527	-	6	TVGWIAHWSEMHSDBGK	17
PPUB-648	Proteomics_pub	752528	752578	-	6	AMGIPSSMFTVIFAMAR	17
PPUB-649	Proteomics_pub	752624	752707	-	6	ELGTKDDLLEVAMELENIALNDPYFIEK	28
PPUB-650	Proteomics_pub	752708	752731	-	6	ETCHEVLK	8
PPUB-651	Proteomics_pub	752972	753025	-	6	ILILHADHEQNASTSTVR	18
PPUB-652	Proteomics_pub	753125	753157	-	6	YSIGQPFVYPR	11
PPUB-653	Proteomics_pub	753158	753187	-	6	MPTMAAMCYK	10
PPUB-654	Proteomics_pub	753332	753361	-	6	HTMIHEQITR	10
PPUB-655	Proteomics_pub	753482	753523	-	6	ITFDGDEGILLHR	14
PPUB-656	Proteomics_pub	753524	753577	-	6	GVFTFDPGFTSTASCESK	18
PPUB-657	Proteomics_pub	753593	753625	-	6	GTLGQDVIDIR	11
PPUB-658	Proteomics_pub	786069	786101	-	4	AAAVANQGKAK	11
PPUB-659	Proteomics_pub	786075	786137	-	4	YYLGNADEIAAKAAAVANQVK	21
PPUB-660	Proteomics_pub	786102	786140	-	4	RYLGNADEIAAK	13
PPUB-661	Proteomics_pub	786102	786137	-	4	YYLGNADEIAAK	12

PPUB-662	Proteomics_pub	786141	786239	-	4	YLDNMSEEEILELNIPITGVPLVYEFDENFKPLK	33
PPUB-663	Proteomics_pub	786252	786296	-	4	SGERVIIAAHGNSLR	15
PPUB-664	Proteomics_pub	786252	786284	-	4	VIIAAHGNSLR	11
PPUB-665	Proteomics_pub	786303	786338	-	4	VIPYWNETILPR	12
PPUB-666	Proteomics_pub	786339	786380	-	4	ELPLTESLALTIDR	14
PPUB-667	Proteomics_pub	786339	786392	-	4	LSEKELPLTESLALTIDR	18
PPUB-668	Proteomics_pub	786435	786467	-	4	GFAVTPPELTK	11
PPUB-669	Proteomics_pub	786435	786470	-	4	RGFAVTPPELTK	12
PPUB-670	Proteomics_pub	786471	786500	-	4	YGDEQVKQWR	10
PPUB-671	Proteomics_pub	786519	786548	-	4	HYGALQGLNK	10
PPUB-672	Proteomics_pub	786570	786632	-	4	AIHTLWNVLDELQAWLPVEK	21
PPUB-673	Proteomics_pub	786570	786635	-	4	RAIHTLWNVLDELQAWLPVEK	22
PPUB-674	Proteomics_pub	786636	786680	-	4	EEGYSFDFAYTSVLK	15
PPUB-675	Proteomics_pub	786636	786689	-	4	LLKEEGYSFDFAYTSVLK	18
PPUB-676	Proteomics_pub	786720	786755	-	4	FTGWYDVDLSEK	12
PPUB-677	Proteomics_pub	786756	786788	-	4	HGESQWNKENR	11
PPUB-678	Proteomics_pub	786765	786788	-	4	HGESQWNK	8
PPUB-679	Proteomics_pub	787176	787241	-	4	VYTTAPALQFYSGNFLGGTPSR	22
PPUB-680	Proteomics_pub	787392	787421	-	4	SVAGTSFDFR	10
PPUB-681	Proteomics_pub	787692	787718	-	4	WQIVNQNDR	9
PPUB-682	Proteomics_pub	787911	787937	-	4	IPLSDGSVR	9
PPUB-683	Proteomics_pub	787938	787997	-	4	NNAGMVVTLMDWGATLLSAR	20
PPUB-684	Proteomics_pub	788336	788380	-	6	TVEAASALEQGDLKR	15
PPUB-685	Proteomics_pub	788339	788380	-	6	TVEAASALEQGDLK	14
PPUB-686	Proteomics_pub	788381	788404	-	6	HILTENAR	8
PPUB-687	Proteomics_pub	788414	788473	-	6	DVTIEEFNAVAHELDPIVAK	20
PPUB-688	Proteomics_pub	788474	788497	-	6	FFQQPALR	8
PPUB-689	Proteomics_pub	788525	788554	-	6	TLVGSEYNTR	10
PPUB-690	Proteomics_pub	788555	788593	-	6	GVAVVIINSNFKR	13
PPUB-691	Proteomics_pub	789119	789184	-	6	TQSLFANAFGYPATHTIQAPGR	22
PPUB-692	Proteomics_pub	789209	789244	-	6	AVSDIHFRESGV	12
PPUB-693	Proteomics_pub	789221	789244	-	6	AVSDIHFR	8
PPUB-694	Proteomics_pub	789497	789523	-	6	ITDLTDAQR	9
PPUB-695	Proteomics_pub	790364	790405	-	6	REGDLPAYWADASK	14
PPUB-696	Proteomics_pub	790406	790444	-	6	ACGKPVNYHFAPR	13
PPUB-697	Proteomics_pub	790784	790819	-	6	LMVEQILTDLQK	12
PPUB-698	Proteomics_pub	790826	790879	-	6	IPYVESFPTGTPQSPYGK	18
PPUB-699	Proteomics_pub	790961	791026	-	6	AVGESVQKPLEYDNNVNGTLR	22
PPUB-700	Proteomics_pub	791701	791769	-	5	ALAINPDILLMDEAFSALDPLIR	23
PPUB-701	Proteomics_pub	793232	793318	-	6	APWVGITQDEAVAQNADNQLPGIISHIER	29
PPUB-702	Proteomics_pub	793361	793390	-	6	VAITAQSGAR	10
PPUB-703	Proteomics_pub	793628	793669	-	6	ATGGKGGGGGAVLTR	14
PPUB-704	Proteomics_pub	797562	797600	-	4	KTLLPSSIEALAR	13
PPUB-705	Proteomics_pub	797562	797597	-	4	TLLPSSIEALAR	12
PPUB-706	Proteomics_pub	797601	797642	-	4	VIALDLDTLLTPK	14
PPUB-707	Proteomics_pub	805470	805508	-	4	FNAFGDGVAQLGR	13

PPUB-708	Proteomics_pub	805713	805754	-	4	QNTFFVTNSGVQNR	14
PPUB-709	Proteomics_pub	805755	805802	-	4	TDGDQVQINNVNIGR	16
PPUB-710	Proteomics_pub	826717	826785	-	5	ALAINPDILLMDEAFSALDPLIR	23
PPUB-711	Proteomics_pub	827101	827142	-	5	GAIVGIIGPNGAGK	14
PPUB-712	Proteomics_pub	828067	828108	-	5	GAIVGIIGPNGAGK	14
PPUB-713	Proteomics_pub	838475	838504	-	6	TFLLTANMHF	10
PPUB-714	Proteomics_pub	839231	839263	-	6	GSPVTTVD TAK	11
PPUB-715	Proteomics_pub	839354	839380	-	6	DFELNGGIR	9
PPUB-716	Proteomics_pub	839549	839635	-	6	ILTNQTNLTSTFYTGSIHVDVSTGVEFTR	29
PPUB-717	Proteomics_pub	839666	839758	-	6	VKQDYLMTAIMGGASNITQPTSDVNSWTWSR	31
PPUB-718	Proteomics_pub	840011	840058	-	6	YGVAPSVAFGLGTANR	16
PPUB-719	Proteomics_pub	840119	840169	-	6	RGTLDVNQVIGD TTAVR	17
PPUB-720	Proteomics_pub	840293	840328	-	6	DTFNTEQVEVIK	12
PPUB-721	Proteomics_pub	840350	840391	-	6	GADTSNSIYIDGIR	14
PPUB-722	Proteomics_pub	840467	840502	-	6	DQGATNLTDALK	12
PPUB-723	Proteomics_pub	840536	840565	-	6	FSRPVADTTR	10
PPUB-724	Proteomics_pub	844185	844208	-	4	MGQWARQK	8
PPUB-725	Proteomics_pub	845012	845047	-	6	IAEDGNPQVLIK	12
PPUB-726	Proteomics_pub	845171	845239	-	6	ALAINPDILLMDEAFSALDPLIR	23
PPUB-727	Proteomics_pub	845255	845290	-	6	YPLHLSGGGQQQR	12
PPUB-728	Proteomics_pub	845255	845299	-	6	AHHYPSELSGGGQQQR	15
PPUB-729	Proteomics_pub	845261	845299	-	6	ANHRPSELSGGER	13
PPUB-730	Proteomics_pub	845567	845614	-	6	AQGTLYIVSAPSGAGK	16
PPUB-731	Proteomics_pub	845567	845608	-	6	GAIVGIIGPNGAGK	14
PPUB-732	Proteomics_pub	846589	846639	-	5	AVGDSLEAQYGIAPFK	17
PPUB-733	Proteomics_pub	846664	846711	-	5	ADAVLHDTPNILYFIK	16
PPUB-734	Proteomics_pub	846712	846759	-	5	QFPNIDNAYMELGTNR	16
PPUB-735	Proteomics_pub	846787	846816	-	5	SGTGSVDYAK	10
PPUB-736	Proteomics_pub	846901	846930	-	5	AIDFSDGYK	10
PPUB-737	Proteomics_pub	846937	846981	-	5	NVDLAGITITDER	15
PPUB-738	Proteomics_pub	847105	847152	-	5	KLVVATDTAFVPEFEK	16
PPUB-739	Proteomics_pub	847105	847149	-	5	LVVATDTAFVPEFEK	15
PPUB-740	Proteomics_pub	847634	847663	-	6	FLWFIESNIE	10
PPUB-741	Proteomics_pub	847676	847732	-	6	AIGEAKDDDTADILTAASR	19
PPUB-742	Proteomics_pub	847676	847714	-	6	DDDTADILTAASR	13
PPUB-743	Proteomics_pub	847733	847762	-	6	YAIVANDVRK	10
PPUB-744	Proteomics_pub	847736	847762	-	6	YAIVANDVR	9
PPUB-745	Proteomics_pub	847763	847819	-	6	SYPLDIHNVQDHLKELADR	19
PPUB-746	Proteomics_pub	847778	847819	-	6	SYPLDIHNVQDHLK	14
PPUB-747	Proteomics_pub	847832	847885	-	6	AVQLGGVALGTTQVINSK	18
PPUB-748	Proteomics_pub	847886	847924	-	6	TALIDHLDTMAER	13
PPUB-749	Proteomics_pub	847925	847969	-	6	GANFIAVHEMLDGFR	15
PPUB-750	Proteomics_pub	847970	847990	-	6	QAHWNMR	7
PPUB-751	Proteomics_pub	847991	848029	-	6	QVIQFIDL SLITK	13
PPUB-752	Proteomics_pub	848081	848110	-	6	SKATNLLYTR	10
PPUB-753	Proteomics_pub	854080	854142	-	5	SVQTVTGP DQVDQVVLDEAIK	21

PPUB-754	Proteomics_pub	854143	854223	-	5	YIEVHNPLSTTEAQFEGQEIVPITLTK	27
PPUB-755	Proteomics_pub	854224	854277	-	5	VQFIDEVPVKATTEPDGSR	18
PPUB-756	Proteomics_pub	854251	854277	-	5	VQFIDEPVK	9
PPUB-757	Proteomics_pub	854500	854529	-	5	AGPTWTPTAK	10
PPUB-758	Proteomics_pub	854545	854571	-	5	DTPINWTTK	9
PPUB-759	Proteomics_pub	854572	854622	-	5	GTNTVIVLPIGIGQLGK	17
PPUB-760	Proteomics_pub	854641	854727	-	5	GGTVLNIPQQILPDTVHEGIVINSAEMR	29
PPUB-761	Proteomics_pub	860933	860965	-	6	MDQYLYPYRR	11
PPUB-762	Proteomics_pub	861794	861829	-	6	MTTLKLDLSDR	12
PPUB-763	Proteomics_pub	864598	864633	-	5	LSGNTASGLPAR	12
PPUB-764	Proteomics_pub	865123	865173	-	5	RGEDISAGAVVFPAGTR	17
PPUB-765	Proteomics_pub	865297	865350	-	5	SFAGQPYHGEWPAGTCIR	18
PPUB-766	Proteomics_pub	865351	865395	-	5	LADIASGQPLPVAGK	15
PPUB-767	Proteomics_pub	876137	876172	-	6	FMQLQQQISAER	12
PPUB-768	Proteomics_pub	876356	876382	-	6	EICPELTR	9
PPUB-769	Proteomics_pub	876449	876493	-	6	ILPYLDIPLQHASPR	15
PPUB-770	Proteomics_pub	876854	876895	-	6	HNPFLSLVPEQGVK	14
PPUB-771	Proteomics_pub	877202	877231	-	6	IGFVSLGCPK	10
PPUB-772	Proteomics_pub	879104	879139	-	6	WYQQLTERPAVR	12
PPUB-773	Proteomics_pub	879140	879247	-	6	WFSGDEFGVGDIAIAPFIYNLFNVGLTWTTPRPNLQR	36
PPUB-774	Proteomics_pub	879299	879328	-	6	DQAAIDASCK	10
PPUB-775	Proteomics_pub	899169	899216	-	4	VTDKDYFGTGLGI AVR	16
PPUB-776	Proteomics_pub	899217	899249	-	4	TNPQLGVATEK	11
PPUB-777	Proteomics_pub	899250	899297	-	4	IDGVFGDTAVVTEWLK	16
PPUB-778	Proteomics_pub	899382	899414	-	4	VG VQNGTTHQK	11
PPUB-779	Proteomics_pub	899457	899510	-	4	QVSFTTPYYENS AVVIAK	18
PPUB-780	Proteomics_pub	899517	899558	-	4	YDAVISGMDITPER	14
PPUB-781	Proteomics_pub	899568	899630	-	4	EIDATCTFSNQAFDSLIPSLK	21
PPUB-782	Proteomics_pub	901495	901524	-	5	DGT YETIYNK	10
PPUB-783	Proteomics_pub	901582	901617	-	5	DYFGTGLGI AVR	12
PPUB-784	Proteomics_pub	901582	901629	-	5	VTDKDYFGTGLGI AVR	16
PPUB-785	Proteomics_pub	901663	901710	-	5	IDGVFGDTAVVTEWLK	16
PPUB-786	Proteomics_pub	901732	901779	-	5	HPEITTVPYDSYQNAK	16
PPUB-787	Proteomics_pub	901795	901827	-	5	VG VQNGTTHQK	11
PPUB-788	Proteomics_pub	901861	901923	-	5	QVLFTTPYYDNSALFVGQQGK	21
PPUB-789	Proteomics_pub	901870	901923	-	5	QVSFTTPYYENS AVVIAK	18
PPUB-790	Proteomics_pub	901981	902043	-	5	EIDATCTFSNQAFDSLIPSLK	21
PPUB-791	Proteomics_pub	902056	902100	-	5	NSQGELVGFIDILAK	15
PPUB-792	Proteomics_pub	902511	902546	-	4	YPLHLGGGQQQR	12
PPUB-793	Proteomics_pub	902511	902555	-	4	AHHYPSELSSGGQQQR	15
PPUB-794	Proteomics_pub	902793	902819	-	4	VLN LLEMPR	9
PPUB-795	Proteomics_pub	907594	907626	-	5	NVLINASPIVR	11
PPUB-796	Proteomics_pub	907885	907926	-	5	GLGTPVGSLLVGNR	14
PPUB-797	Proteomics_pub	908572	908598	-	5	GDEVIELAK	9
PPUB-798	Proteomics_pub	908734	908763	-	5	ASEVDEALQR	10
PPUB-799	Proteomics_pub	921592	921642	-	5	GNHASVIVPEVEAAVA	17

PPUB-800	Proteomics_pub	921643	921684	-	5	AGQSVQFDVHQGPK	14
PPUB-801	Proteomics_pub	921694	921738	-	5	DVFNHFSAIQNDGYK	15
PPUB-802	Proteomics_pub	921694	921738	-	5	DVFNHFSAIQNGGFK	15
PPUB-803	Proteomics_pub	921694	921738	-	5	DVFNHFSAIQTNGFK	15
PPUB-804	Proteomics_pub	925475	925528	-	6	ILTGDKVTVELTPYDLSK	18
PPUB-805	Proteomics_pub	925475	925510	-	6	VTVELTPYDLSK	12
PPUB-806	Proteomics_pub	925550	925597	-	6	VELENGHVTAHISGK	16
PPUB-807	Proteomics_pub	925598	925663	-	6	AKEDNIEMQGTVLETLPTMFR	22
PPUB-808	Proteomics_pub	930311	930337	-	6	YLDGLADAK	9
PPUB-809	Proteomics_pub	930338	930391	-	6	QAITSAGTGCMAALDAER	18
PPUB-810	Proteomics_pub	930392	930478	-	6	VQSGIHGNATQTSIPGVFAAGDVMDDHIYR	29
PPUB-811	Proteomics_pub	930608	930655	-	6	TLEEVTDGDMGVTVGR	16
PPUB-812	Proteomics_pub	930656	930703	-	6	LMDKVENGNILHTNR	16
PPUB-813	Proteomics_pub	930656	930691	-	6	VENGNILHTNR	12
PPUB-814	Proteomics_pub	930743	930829	-	6	VAVIGGGNTAVEEALYLSNIASEVHLIHR	29
PPUB-815	Proteomics_pub	930839	930880	-	6	GVSACATCDGFFYR	14
PPUB-816	Proteomics_pub	930881	930919	-	6	YLGLPSEEAFFKGR	13
PPUB-817	Proteomics_pub	930887	930919	-	6	YLGLPSEEAFFK	11
PPUB-818	Proteomics_pub	931013	931048	-	6	FETEIIFDHINK	12
PPUB-819	Proteomics_pub	931070	931153	-	6	GGQLTTTTEVENWPGDPNDLTGPLLMER	28
PPUB-820	Proteomics_pub	931154	931192	-	6	ANLQPVLITGMEK	13
PPUB-821	Proteomics_pub	931193	931249	-	6	LLILGSGPAGYAAVYAAR	19
PPUB-822	Proteomics_pub	950516	950542	-	6	EQQQDVITR	9
PPUB-823	Proteomics_pub	950582	950614	-	6	HPEKYPQLTIR	11
PPUB-824	Proteomics_pub	950582	950638	-	6	EMLLDAMENPEKYPQLTIR	19
PPUB-825	Proteomics_pub	950603	950638	-	6	EMLLDAMENPEK	12
PPUB-826	Proteomics_pub	950639	950680	-	6	VEGGQHLNVNVLRR	14
PPUB-827	Proteomics_pub	950747	950794	-	6	DGISYTFIVPNALGK	16
PPUB-828	Proteomics_pub	950816	950848	-	6	GAVASLTSVAK	11
PPUB-829	Proteomics_pub	950858	950902	-	6	AGAPFGPGANPMHGR	15
PPUB-830	Proteomics_pub	950858	950905	-	6	RAGAPFGPGANPMHGR	16
PPUB-831	Proteomics_pub	950906	950932	-	6	KTGNTPDGR	9
PPUB-832	Proteomics_pub	950906	950929	-	6	TGNTPDGR	8
PPUB-833	Proteomics_pub	950930	950989	-	6	DAIPTQSVLTITSNVYVGKK	20
PPUB-834	Proteomics_pub	950933	950989	-	6	DAIPTQSVLTITSNVYVGK	19
PPUB-835	Proteomics_pub	951026	951058	-	6	VDDLAVDLVER	11
PPUB-836	Proteomics_pub	951155	951214	-	6	TMACGIAGLSVAADSLSAIK	20
PPUB-837	Proteomics_pub	951215	951265	-	6	YSYEASLMALHDRDVIR	17
PPUB-838	Proteomics_pub	951227	951265	-	6	YSYEASLMALHDR	13
PPUB-839	Proteomics_pub	951266	951310	-	6	QYITALNIIHYMHDK	15
PPUB-840	Proteomics_pub	951311	951340	-	6	MDHFMWLAK	10
PPUB-841	Proteomics_pub	951341	951376	-	6	GDVLNYDEVMER	12
PPUB-842	Proteomics_pub	951341	951391	-	6	SEPIKGDVLNYDEVMER	17
PPUB-843	Proteomics_pub	951416	951454	-	6	TMLYAINGGVDEK	13
PPUB-844	Proteomics_pub	951470	951493	-	6	QMQQFFGAR	8
PPUB-845	Proteomics_pub	951494	951607	-	6	VSIDTSSLQYENDDLMRPDFNDDYAIACCVSPMIVGK	38

PPUB-846	Proteomics_pub	951641	951709	-	6	FLNTLYTMGSPPEPNMTILWSEK	23
PPUB-847	Proteomics_pub	951737	951817	-	6	TPEYDELFSGDPIWATESIGGMGLDGR	27
PPUB-848	Proteomics_pub	951842	951898	-	6	AGKITEQEAQEMVDHLVMK	19
PPUB-849	Proteomics_pub	951842	951889	-	6	ITEQEAQEMVDHLVMK	16
PPUB-850	Proteomics_pub	951908	951940	-	6	TSTFLDVYIER	11
PPUB-851	Proteomics_pub	951941	951973	-	6	SQNGAAMSFR	11
PPUB-852	Proteomics_pub	952091	952114	-	6	EEIAEQHR	8
PPUB-853	Proteomics_pub	952091	952120	-	6	LREEIAEQHR	10
PPUB-854	Proteomics_pub	952121	952186	-	6	LAQFTSLQADLENGVNLEQTIR	22
PPUB-855	Proteomics_pub	952193	952225	-	6	VALYGIDYLMK	11
PPUB-856	Proteomics_pub	952253	952294	-	6	KSGVLTGLPDAYGR	14
PPUB-857	Proteomics_pub	952253	952291	-	6	SGVLTGLPDAYGR	13
PPUB-858	Proteomics_pub	952301	952351	-	6	KTHNQGVFDVYTPDILR	17
PPUB-859	Proteomics_pub	952301	952348	-	6	THNQGVFDVYTPDILR	16
PPUB-860	Proteomics_pub	952370	952393	-	6	ELDPMIKK	8
PPUB-861	Proteomics_pub	952427	952453	-	6	ALIPFGGIK	9
PPUB-862	Proteomics_pub	952427	952456	-	6	RALIPFGGIK	10
PPUB-863	Proteomics_pub	952454	952489	-	6	IVGLQTEAPLKR	12
PPUB-864	Proteomics_pub	952457	952489	-	6	IVGLQTEAPLK	11
PPUB-865	Proteomics_pub	952502	952576	-	6	THAPVDFDTAVASTITSHDAGYINK	25
PPUB-866	Proteomics_pub	952607	952681	-	6	NYTPYEGDESFLAGATEATTTLWDK	25
PPUB-867	Proteomics_pub	952697	952726	-	6	GDWQNEVNR	10
PPUB-868	Proteomics_pub	952727	952756	-	6	LATAWEGFTK	10
PPUB-869	Proteomics_pub	954971	954997	-	6	TVTELLQGR	9
PPUB-870	Proteomics_pub	955178	955231	-	6	IIAESISLPEIPADVLAR	18
PPUB-871	Proteomics_pub	955247	955276	-	6	VQGLSEVFER	10
PPUB-872	Proteomics_pub	955376	955402	-	6	GICGLPFTR	9
PPUB-873	Proteomics_pub	955619	955657	-	6	AALASALGEYFER	13
PPUB-874	Proteomics_pub	955799	955828	-	6	DAALEDSIAR	10
PPUB-875	Proteomics_pub	955799	955852	-	6	TQTFIPGKDAALEDSIAR	18
PPUB-876	Proteomics_pub	983811	983852	-	4	LREEFGVYAVASGR	14
PPUB-877	Proteomics_pub	983868	983903	-	4	QNGMFSFSGLTK	12
PPUB-878	Proteomics_pub	983937	983966	-	4	QLFVNTLQEK	10
PPUB-879	Proteomics_pub	983988	984020	-	4	AIWEQELTDMR	11
PPUB-880	Proteomics_pub	984021	984092	-	4	ANYSNPPAHGASVVATILSNDALR	24
PPUB-881	Proteomics_pub	984123	984170	-	4	VGACTLVAADSETVDR	16
PPUB-882	Proteomics_pub	984171	984194	-	4	NFLYNER	8
PPUB-883	Proteomics_pub	984195	984224	-	4	ELIVASSYSK	10
PPUB-884	Proteomics_pub	984246	984275	-	4	GLEEDAEGLR	10
PPUB-885	Proteomics_pub	984276	984320	-	4	GWLPLDFAYQGFAR	15
PPUB-886	Proteomics_pub	984498	984530	-	4	SVFNSAGLEVR	11
PPUB-887	Proteomics_pub	984531	984566	-	4	VWVSNPSWPNHK	12
PPUB-888	Proteomics_pub	984609	984644	-	4	TAQTPGGTGALR	12
PPUB-889	Proteomics_pub	984651	984677	-	4	GSALINDKR	9
PPUB-890	Proteomics_pub	984678	984704	-	4	CTQELLFGK	9
PPUB-891	Proteomics_pub	984705	984743	-	4	NYLGIDGIPEFGR	13

PPUB-892	Proteomics_pub	984744	984779	-	4	AEQYLLENETTK	12
PPUB-893	Proteomics_pub	984744	984782	-	4	KAEQYLLENETTK	13
PPUB-894	Proteomics_pub	984783	984821	-	4	DETGKTPVLTSVK	13
PPUB-895	Proteomics_pub	984807	984848	-	4	INLGIGVYKDETGK	14
PPUB-896	Proteomics_pub	984822	984848	-	4	INLGIGVYK	9
PPUB-897	Proteomics_pub	984870	984932	-	4	MFENITAAPADPILGLADLFR	21
PPUB-898	Proteomics_pub	985171	985224	-	5	NMSTYVDYIINQIDSDNK	18
PPUB-899	Proteomics_pub	985225	985260	-	5	YVDVGATYYFNK	12
PPUB-900	Proteomics_pub	985381	985410	-	5	FTNTSGFANK	10
PPUB-901	Proteomics_pub	985435	985482	-	5	YDANNIYLAANYGETR	16
PPUB-902	Proteomics_pub	985483	985509	-	5	AEQWATGLK	9
PPUB-903	Proteomics_pub	985483	985512	-	5	KAEQWATGLK	10
PPUB-904	Proteomics_pub	985510	985551	-	5	TNLQEAQPLGNGKK	14
PPUB-905	Proteomics_pub	985513	985551	-	5	TNLQEAQPLGNGK	13
PPUB-906	Proteomics_pub	985660	985719	-	5	NTDFFGLVDGLNFAVQYQGK	20
PPUB-907	Proteomics_pub	985660	985719	-	5	NSNFFGLVDGLNFAVQYLGK	20
PPUB-908	Proteomics_pub	985840	985872	-	5	FQDVGSFDYGR	11
PPUB-909	Proteomics_pub	985840	985893	-	5	VAFAGLKFQDVGSFDYGR	18
PPUB-910	Proteomics_pub	985840	985893	-	5	LAFAGLKYADVGSFDYGR	18
PPUB-911	Proteomics_pub	985840	985872	-	5	YADVGSFDYGR	11
PPUB-912	Proteomics_pub	986065	986091	-	5	AVGLHYFSK	9
PPUB-913	Proteomics_pub	986092	986121	-	5	DGNKLDLYGK	10
PPUB-914	Proteomics_pub	986092	986121	-	5	DGNKVDLYGK	10
PPUB-915	Proteomics_pub	986853	986888	-	4	LIAYVTGVQNVN	12
PPUB-916	Proteomics_pub	986889	986933	-	4	YGTTPHAGLAFGLDR	15
PPUB-917	Proteomics_pub	986889	986936	-	4	RYGTVPHSGFGLGFER	16
PPUB-918	Proteomics_pub	986889	986933	-	4	YGTVPHSGFGLGFER	15
PPUB-919	Proteomics_pub	986946	986966	-	4	EDYWWYR	7
PPUB-920	Proteomics_pub	987021	987083	-	4	TVAAMDVLAPGIGEIIIGGSQR	21
PPUB-921	Proteomics_pub	987156	987179	-	4	YLAEHFHFK	8
PPUB-922	Proteomics_pub	987180	987233	-	4	KFENPVYWGVLDLSEHER	18
PPUB-923	Proteomics_pub	987396	987482	-	4	HLAEFWMLEPEVAFANLNDIAGLAEAMLK	29
PPUB-924	Proteomics_pub	987507	987533	-	4	IYTFGPTFR	9
PPUB-925	Proteomics_pub	987597	987626	-	4	VDFDKDFFGK	10
PPUB-926	Proteomics_pub	987642	987674	-	4	VSTLDLENLPR	11
PPUB-927	Proteomics_pub	987759	987785	-	4	HTLAQALHR	9
PPUB-928	Proteomics_pub	987759	987791	-	4	VRHTLAQALHR	11
PPUB-929	Proteomics_pub	987792	987818	-	4	TNLIGAVAR	9
PPUB-930	Proteomics_pub	987843	987866	-	4	RHSIEYLR	8
PPUB-931	Proteomics_pub	987867	987920	-	4	VEVAGWVEDPDYPMMAK	18
PPUB-932	Proteomics_pub	987921	987971	-	4	VVASPGQGQQFEIQASK	17
PPUB-933	Proteomics_pub	987972	988007	-	4	LTTGCSVIVTGK	12
PPUB-934	Proteomics_pub	988140	988169	-	4	VAVDSEVTVR	10
PPUB-935	Proteomics_pub	988170	988205	-	4	SVVPVADVLQGR	12
PPUB-936	Proteomics_pub	988557	988586	-	4	VQLSFGIGTR	10
PPUB-937	Proteomics_pub	988701	988736	-	4	HDSGDPVEWGEK	12



PPUB-938	Proteomics_pub	988752	988778	-	4	DFGVEFASR	9
PPUB-939	Proteomics_pub	989076	989120	-	4	LVDFSALTAGLDMSR	15
PPUB-940	Proteomics_pub	989262	989303	-	4	FNPEQVTVSNDNGK	14
PPUB-941	Proteomics_pub	992764	992832	-	5	ALAINPDILLMDEAFSALDPLIR	23
PPUB-942	Proteomics_pub	1015178	1015207	-	6	VGLFQDTSAF	10
PPUB-943	Proteomics_pub	1015208	1015234	-	6	LIYTASDLK	9
PPUB-944	Proteomics_pub	1015235	1015279	-	6	LIMGLADGEVLVDGR	15
PPUB-945	Proteomics_pub	1015235	1015282	-	6	RLIMGLADGEVLVDGR	16
PPUB-946	Proteomics_pub	1015322	1015354	-	6	FTGQVLPTAKK	11
PPUB-947	Proteomics_pub	1015325	1015354	-	6	FTGQVLPTAK	10
PPUB-948	Proteomics_pub	1015538	1015567	-	6	MTETGGNFDK	10
PPUB-949	Proteomics_pub	1015577	1015618	-	6	GPQLPAPNMLMMDR	14
PPUB-950	Proteomics_pub	1015619	1015663	-	6	EDLLASGRGELFGAK	15
PPUB-951	Proteomics_pub	1015640	1015678	-	6	ESYTKEDLLASGR	13
PPUB-952	Proteomics_pub	1018239	1018271	-	4	GIKDVVTQPQA	11
PPUB-953	Proteomics_pub	1018263	1018289	-	4	VEIEVKGIK	9
PPUB-954	Proteomics_pub	1018290	1018325	-	4	AALIDCLAPDRR	12
PPUB-955	Proteomics_pub	1018293	1018325	-	4	AALIDCLAPDR	11
PPUB-956	Proteomics_pub	1018293	1018331	-	4	QRAALIDCLAPDR	13
PPUB-957	Proteomics_pub	1018326	1018382	-	4	GMGESNPVTGNTCDNVKQR	19
PPUB-958	Proteomics_pub	1018332	1018382	-	4	GMGESNPVTGNTCDNVK	17
PPUB-959	Proteomics_pub	1018383	1018412	-	4	GIPADKISAR	10
PPUB-960	Proteomics_pub	1018413	1018445	-	4	AQSVVDYLISK	11
PPUB-961	Proteomics_pub	1018413	1018448	-	4	RAQSVVDYLISK	12
PPUB-962	Proteomics_pub	1018446	1018487	-	4	IGSDAYNQGLSERR	14
PPUB-963	Proteomics_pub	1018449	1018523	-	4	DGSVVVLGYTDRIGSDAYNQGLSER	25
PPUB-964	Proteomics_pub	1018449	1018487	-	4	IGSDAYNQGLSER	13
PPUB-965	Proteomics_pub	1018488	1018523	-	4	DGSVVVLGYTDR	12
PPUB-966	Proteomics_pub	1018524	1018595	-	4	ATLKPEGQAALDQLYSQLSNLDPK	24
PPUB-967	Proteomics_pub	1018596	1018637	-	4	HFTLKSVDLNFNFK	14
PPUB-968	Proteomics_pub	1018596	1018622	-	4	SDVLFNFK	9
PPUB-969	Proteomics_pub	1018638	1018706	-	4	FGQGEAAPVVAPAPAPEVQTK	23
PPUB-970	Proteomics_pub	1018707	1018799	-	4	LEYQWTNNIGDAHTIGTRPDNGMLSLGVSYSR	31
PPUB-971	Proteomics_pub	1018800	1018874	-	4	NHDTGVSPVFAGGVEYAITPEIATR	25
PPUB-972	Proteomics_pub	1018905	1018925	-	4	LGGMVWR	7
PPUB-973	Proteomics_pub	1018926	1018967	-	4	LGYPITDDLDIYTR	14
PPUB-974	Proteomics_pub	1018995	1019021	-	4	GSVENGAYK	9
PPUB-975	Proteomics_pub	1018995	1019033	-	4	MPYKGSVENGAYK	13
PPUB-976	Proteomics_pub	1019178	1019204	-	4	DNTWYTGAK	9
PPUB-977	Proteomics_pub	1025804	1025917	-	6	LATVWNIPVATNVATADFIIQSPHFNDVAVDILIPDYQR	38
PPUB-978	Proteomics_pub	1026077	1026142	-	6	HQPLLEQHVLVYATGTTGNLISR	22
PPUB-979	Proteomics_pub	1028080	1028106	-	5	DVQFIEQFR	9
PPUB-980	Proteomics_pub	1028107	1028139	-	5	IIADAAIDAGR	11
PPUB-981	Proteomics_pub	1028566	1028589	-	5	TGYLDQR	8
PPUB-982	Proteomics_pub	1028836	1028883	-	5	LIAGESDGLPGITIDR	16
PPUB-983	Proteomics_pub	1029007	1029036	-	5	GAYSPASQIR	10

PPUB-984	Proteomics_pub	1029049	1029093	-	5	ASLGETIDIVDHQ GK	15
PPUB-985	Proteomics_pub	1056857	1056913	-	6	ILGLEIGADDYITKPFNPR	19
PPUB-986	Proteomics_pub	1066099	1066134	-	5	DSLFWGEQTIER	12
PPUB-987	Proteomics_pub	1066261	1066293	-	5	AHHVGEWASLR	11
PPUB-988	Proteomics_pub	1066347	1066382	-	4	YQGEYVAGLAVK	12
PPUB-989	Proteomics_pub	1066383	1066415	-	4	QPSQEELSIAR	11
PPUB-990	Proteomics_pub	1066416	1066466	-	4	GGTPYGATTIAGGDGSR	17
PPUB-991	Proteomics_pub	1066614	1066667	-	4	TFLDQTGGLWASGALY GK	18
PPUB-992	Proteomics_pub	1066668	1066694	-	4	FGNMSGQMR	9
PPUB-993	Proteomics_pub	1066695	1066769	-	4	TQTAPVATPQELADYDAIIFGTPTR	25
PPUB-994	Proteomics_pub	1066695	1066769	-	4	TQTAPVATPQELANYDAIIFGTPTR	25
PPUB-995	Proteomics_pub	1066821	1066871	-	4	AVAEGASKVDGAEVVVK	17
PPUB-996	Proteomics_pub	1074245	1074280	-	6	DGTIVSVQGFAR	12
PPUB-997	Proteomics_pub	1074560	1074586	-	6	LLPGPTGER	9
PPUB-998	Proteomics_pub	1074665	1074697	-	6	AALTQPLNALR	11
PPUB-999	Proteomics_pub	1074734	1074781	-	6	LLANRPESALAVTLAR	16
PPUB-1000	Proteomics_pub	1074782	1074808	-	6	AGGPLYLYR	9
PPUB-1001	Proteomics_pub	1075211	1075252	-	6	LTTDIGNVIDSEAK	14
PPUB-1002	Proteomics_pub	1075301	1075342	-	6	VLCLQDEIADHTLK	14
PPUB-1003	Proteomics_pub	1075565	1075603	-	6	GETVGAQLTGDDR	13
PPUB-1004	Proteomics_pub	1075565	1075651	-	6	LEDGLPVGVDVVEGLDGCHSANISPDNR	29
PPUB-1005	Proteomics_pub	1075874	1075903	-	6	TFSNAIAEVR	10
PPUB-1006	Proteomics_pub	1076174	1076218	-	6	LASLSSALLNSALQK	15
PPUB-1007	Proteomics_pub	1076219	1076257	-	6	DNSAGLDLANEHR	13
PPUB-1008	Proteomics_pub	1076294	1076335	-	6	LAQQEQGTGLPHPK	14
PPUB-1009	Proteomics_pub	1076441	1076491	-	6	IYAPVGTHTLLAYLVR	17
PPUB-1010	Proteomics_pub	1077119	1077151	-	6	GIYEGPGISIK	11
PPUB-1011	Proteomics_pub	1077416	1077451	-	6	LVSTHNEASLSR	12
PPUB-1012	Proteomics_pub	1113033	1113059	-	4	AAADEWDER	9
PPUB-1013	Proteomics_pub	1113288	1113359	-	4	EEFLADNPGIDAEDANVQQFNAQK	24
PPUB-1014	Proteomics_pub	1117361	1117396	-	6	YPQATFTSTSVK	12
PPUB-1015	Proteomics_pub	1118709	1118735	-	4	SDFDLTPFR	9
PPUB-1016	Proteomics_pub	1118985	1119023	-	4	HNGGQVIHSADER	13
PPUB-1017	Proteomics_pub	1119159	1119194	-	4	DLLPELPVQPVR	12
PPUB-1018	Proteomics_pub	1119228	1119281	-	4	HDDDGVTIETADGEYQAK	18
PPUB-1019	Proteomics_pub	1119369	1119419	-	4	VPDNYIGLFETDSGFLR	17
PPUB-1020	Proteomics_pub	1119435	1119461	-	4	LDAQGIMAR	9
PPUB-1021	Proteomics_pub	1121060	1121095	-	6	VFLGTDSAPHAR	12
PPUB-1022	Proteomics_pub	1121096	1121122	-	6	ELVASGFNR	9
PPUB-1023	Proteomics_pub	1121123	1121149	-	6	RNIHQQALR	9
PPUB-1024	Proteomics_pub	1121207	1121248	-	6	LAATIPQHLMFNR	14
PPUB-1025	Proteomics_pub	1121333	1121362	-	6	FIESVMEPLR	10
PPUB-1026	Proteomics_pub	1121522	1121554	-	6	GFNEGVFTAAK	11
PPUB-1027	Proteomics_pub	1121714	1121749	-	6	TVVPTYSEIYGR	12
PPUB-1028	Proteomics_pub	1122633	1122668	-	4	QTQINLLSSMAI	12
PPUB-1029	Proteomics_pub	1122843	1122899	-	4	EASAGNFADLLAHS DGLIK	19

PPUB-1030	Proteomics_pub	1122921	1122956	-	4	SAFDEFSTPAAR	12
PPUB-1031	Proteomics_pub	1123005	1123031	-	4	SPAIEEWLR	9
PPUB-1032	Proteomics_pub	1123155	1123211	-	4	NIPVELHVLLNDDAETPTR	19
PPUB-1033	Proteomics_pub	1123236	1123271	-	4	LYIYDHCPYCLK	12
PPUB-1034	Proteomics_pub	1140408	1140476	-	4	GAAGGHTATHHASAAPARPQVE	23
PPUB-1035	Proteomics_pub	1140519	1140554	-	4	APAPEYVPEAPR	12
PPUB-1036	Proteomics_pub	1141011	1141055	-	4	YPIVRPQDVQVEEQR	15
PPUB-1037	Proteomics_pub	1141455	1141505	-	4	ALNVEEQSVQETEQEER	17
PPUB-1038	Proteomics_pub	1141563	1141589	-	4	TADEQQAPR	9
PPUB-1039	Proteomics_pub	1141629	1141658	-	4	QAQQQTAETR	10
PPUB-1040	Proteomics_pub	1141800	1141853	-	4	ALFSGGEETKPTEQPAPK	18
PPUB-1041	Proteomics_pub	1141872	1141922	-	4	AAPATPAAPAQPGLLSR	17
PPUB-1042	Proteomics_pub	1142028	1142078	-	4	LHEEAMALPSEEEFAER	17
PPUB-1043	Proteomics_pub	1142316	1142348	-	4	DNESLSLSILR	11
PPUB-1044	Proteomics_pub	1142349	1142372	-	4	CSGTGTVR	8
PPUB-1045	Proteomics_pub	1142373	1142417	-	4	LSPSLGESSHHVCPR	15
PPUB-1046	Proteomics_pub	1142886	1142921	-	4	QDIGEILIDNPK	12
PPUB-1047	Proteomics_pub	1143399	1143446	-	4	IEPSLEAAFVDYGAER	16
PPUB-1048	Proteomics_pub	1168833	1168886	-	4	VQFIDEVPKATTEPDGSR	18
PPUB-1049	Proteomics_pub	1169262	1169348	-	4	GGTVLNIQQQLPDTVHEGIVINSAEMR	29
PPUB-1050	Proteomics_pub	1170842	1170874	-	6	DLSIATPPAR	11
PPUB-1051	Proteomics_pub	1171052	1171078	-	6	IDILIGTHK	9
PPUB-1052	Proteomics_pub	1171532	1171555	-	6	LGGDAWSR	8
PPUB-1053	Proteomics_pub	1171556	1171594	-	6	YAGGAEENAPLHK	13
PPUB-1054	Proteomics_pub	1171595	1171633	-	6	LYVPVSSLHLISR	13
PPUB-1055	Proteomics_pub	1171712	1171771	-	6	NLAELHIGQPVVHLEHGVGR	20
PPUB-1056	Proteomics_pub	1172117	1172146	-	6	AANANLGFQK	10
PPUB-1057	Proteomics_pub	1172693	1172734	-	6	HVDQVMEHGEYATR	14
PPUB-1058	Proteomics_pub	1181024	1181086	-	6	NGEWQNDVGAASSIYEEYYQK	21
PPUB-1059	Proteomics_pub	1181024	1181116	-	6	TLYPDAETIKNGEWQNDVGAASSIYEEYYQK	31
PPUB-1060	Proteomics_pub	1181087	1181116	-	6	TLYPDAETIK	10
PPUB-1061	Proteomics_pub	1181117	1181149	-	6	KLLSPEVANDK	11
PPUB-1062	Proteomics_pub	1181117	1181146	-	6	LLSPEVANDK	10
PPUB-1063	Proteomics_pub	1181150	1181197	-	6	QVAETIGYTPNLAAR	16
PPUB-1064	Proteomics_pub	1181198	1181233	-	6	LINFLLRPDVAK	12
PPUB-1065	Proteomics_pub	1181255	1181305	-	6	EGGIFWMDSLAIPANAK	17
PPUB-1066	Proteomics_pub	1181306	1181341	-	6	QAGTPIDVVWPK	12
PPUB-1067	Proteomics_pub	1181450	1181482	-	6	EIEAAYNELKK	11
PPUB-1068	Proteomics_pub	1181453	1181482	-	6	EIEAAYNELK	10
PPUB-1069	Proteomics_pub	1181483	1181515	-	6	LGYSGNTTDPK	11
PPUB-1070	Proteomics_pub	1181543	1181572	-	6	GSLLLTDDAR	10
PPUB-1071	Proteomics_pub	1181573	1181614	-	6	SVTSWADLWKPEYK	14
PPUB-1072	Proteomics_pub	1181786	1181833	-	6	DGAYDLVVPSTYYVDK	16
PPUB-1073	Proteomics_pub	1181786	1181842	-	6	TYKDGAYDLVVPSTYYVDK	19
PPUB-1074	Proteomics_pub	1181849	1181893	-	6	VIYSTYESNETMYAK	15
PPUB-1075	Proteomics_pub	1183864	1183917	-	5	VEEINDDNHAEGLIGYVR	18

PPUB-1076	Proteomics_pub	1184269	1184337	-	5	ALAINPDILLMDEAFSALDPLIR	23
PPUB-1077	Proteomics_pub	1184353	1184397	-	5	AHHYPSELGGQQQR	15
PPUB-1078	Proteomics_pub	1184353	1184388	-	5	KPHQLSGGQQQR	12
PPUB-1079	Proteomics_pub	1184389	1184418	-	5	MVQLETFAQR	10
PPUB-1080	Proteomics_pub	1184437	1184463	-	5	TPAAEITPR	9
PPUB-1081	Proteomics_pub	1184599	1184634	-	5	LIAGLETVDSGR	12
PPUB-1082	Proteomics_pub	1184743	1184790	-	5	QPSSLSPLVQLAGIRK	16
PPUB-1083	Proteomics_pub	1184746	1184790	-	5	QPSSLSPLVQLAGIR	15
PPUB-1084	Proteomics_pub	1189002	1189028	-	4	GQGYLFELR	9
PPUB-1085	Proteomics_pub	1189029	1189070	-	4	IQAQYPQEVITTVR	14
PPUB-1086	Proteomics_pub	1189224	1189253	-	4	ELSINDEVIK	10
PPUB-1087	Proteomics_pub	1189257	1189316	-	4	NSGLASQVISLPPFQVDLSR	20
PPUB-1088	Proteomics_pub	1189428	1189469	-	4	SNDVSLPILVLTAR	14
PPUB-1089	Proteomics_pub	1189569	1189619	-	4	VQIQDAGHQVDDAEDAK	17
PPUB-1090	Proteomics_pub	1189632	1189664	-	4	VLVVEDNALLR	11
PPUB-1091	Proteomics_pub	1189842	1189868	-	4	AITMVDELK	9
PPUB-1092	Proteomics_pub	1189869	1189898	-	4	AMTPANYIGR	10
PPUB-1093	Proteomics_pub	1189905	1189949	-	4	QFIDGLALPEEEKAR	15
PPUB-1094	Proteomics_pub	1189911	1189949	-	4	QFIDGLALPEEEK	13
PPUB-1095	Proteomics_pub	1189998	1190027	-	4	RYGIEKPYEK	10
PPUB-1096	Proteomics_pub	1189998	1190024	-	4	YGIEKPYEK	9
PPUB-1097	Proteomics_pub	1190124	1190177	-	4	NLGVGIGYALIAYQSTLK	18
PPUB-1098	Proteomics_pub	1190178	1190204	-	4	DLTDSTVLR	9
PPUB-1099	Proteomics_pub	1190229	1190306	-	4	VNPIDFENSEGNLGLSNAVLQHLASK	26
PPUB-1100	Proteomics_pub	1190307	1190348	-	4	TIAGEIGSSTMPHK	14
PPUB-1101	Proteomics_pub	1190391	1190420	-	4	FNTILIDFDR	10
PPUB-1102	Proteomics_pub	1190592	1190621	-	4	QLNQVEILGK	10
PPUB-1103	Proteomics_pub	1190664	1190702	-	4	THGQPATPSTIGK	13
PPUB-1104	Proteomics_pub	1190724	1190765	-	4	QLIDGIKDLAVQYR	14
PPUB-1105	Proteomics_pub	1190766	1190792	-	4	DEVILPYWR	9
PPUB-1106	Proteomics_pub	1190766	1190801	-	4	TARDEVILPYWR	12
PPUB-1107	Proteomics_pub	1190967	1191047	-	4	EVPAFAADAIGYLDIVASFSEEDAAR	27
PPUB-1108	Proteomics_pub	1191108	1191137	-	4	GIFSEYGLLK	10
PPUB-1109	Proteomics_pub	1191165	1191209	-	4	MELSSLTAVSPVDGR	15
PPUB-1110	Proteomics_pub	1192385	1192417	-	6	DSTGICFIGER	11
PPUB-1111	Proteomics_pub	1192424	1192456	-	6	IAEDLGLVTAK	11
PPUB-1112	Proteomics_pub	1192601	1192645	-	6	DIGAQYIIIGHSEERR	15
PPUB-1113	Proteomics_pub	1192805	1192882	-	6	NWEEDDGEYEYCTAAADLADAQAVCDK	26
PPUB-1114	Proteomics_pub	1197434	1197457	-	6	NNMFEPK	8
PPUB-1115	Proteomics_pub	1223565	1223612	-	4	YVQIDPEMVTVQLEQK	16
PPUB-1116	Proteomics_pub	1223640	1223675	-	4	SDAEPHYLPQLR	12
PPUB-1117	Proteomics_pub	1223739	1223765	-	4	ALLDFFLSR	9
PPUB-1118	Proteomics_pub	1223850	1223927	-	4	ASNQGEPVILDINADAGKAYADTVER	26
PPUB-1119	Proteomics_pub	1223874	1223927	-	4	ASNQGEPVILDINADAGK	18
PPUB-1120	Proteomics_pub	1223928	1223966	-	4	LVGVIPEDQSVLR	13
PPUB-1121	Proteomics_pub	1224060	1224089	-	4	RAENGEPIK	10

PPUB-1122	Proteomics_pub	1224096	1224131	-	4	DSDRILGILASK	12
PPUB-1123	Proteomics_pub	1224309	1224347	-	4	TENLYILPASQTR	13
PPUB-1124	Proteomics_pub	1224423	1224452	-	4	NLDLIMGKER	10
PPUB-1125	Proteomics_pub	1224495	1224536	-	4	TTSSAAIATGLAQK	14
PPUB-1126	Proteomics_pub	1224998	1225027	-	6	MGLPILTEGK	10
PPUB-1127	Proteomics_pub	1225199	1225225	-	6	VIHQALEDK	9
PPUB-1128	Proteomics_pub	1226297	1226323	-	6	KYNVDIQIK	9
PPUB-1129	Proteomics_pub	1226378	1226431	-	6	YSPELDSHGQYSLPASGK	18
PPUB-1130	Proteomics_pub	1226525	1226560	-	6	GYDYDTYTFYAK	12
PPUB-1131	Proteomics_pub	1226561	1226596	-	6	GHSSAQYSGEIK	12
PPUB-1132	Proteomics_pub	1241395	1241436	-	5	EGTQLTISGHPVLK	14
PPUB-1133	Proteomics_pub	1241437	1241484	-	5	TVTLPPLGAHAILNNTR	16
PPUB-1134	Proteomics_pub	1241632	1241670	-	5	MLLQLYHAGILPR	13
PPUB-1135	Proteomics_pub	1242181	1242228	-	5	LTDAGHQVNNVEVIAR	16
PPUB-1136	Proteomics_pub	1247240	1247323	-	6	HMTADAAAHEVIEGQASALEELDDEYLK	28
PPUB-1137	Proteomics_pub	1247561	1247641	-	6	QLAEDNFGETEVPPTLRPVPPVSGK	27
PPUB-1138	Proteomics_pub	1248272	1248301	-	6	LGEGVGELAR	10
PPUB-1139	Proteomics_pub	1248939	1248965	-	4	TQIVNWLTR	9
PPUB-1140	Proteomics_pub	1248994	1249059	-	5	VDETLALWDAPVHTPALNWGK	22
PPUB-1141	Proteomics_pub	1249999	1250052	-	5	LINDVQDVLDEQLAGLAK	18
PPUB-1142	Proteomics_pub	1253085	1253105	-	4	DGNIWLR	7
PPUB-1143	Proteomics_pub	1255947	1255979	-	4	DGDVMNFLFNV	11
PPUB-1144	Proteomics_pub	1256043	1256081	-	4	AQTISFEDFITYK	13
PPUB-1145	Proteomics_pub	1256115	1256162	-	4	AWTIPVGATAPQAAGK	16
PPUB-1146	Proteomics_pub	1256172	1256210	-	4	LLNLQTYFTAGVK	13
PPUB-1147	Proteomics_pub	1256367	1256459	-	4	YLSFLTLPKPTMYIANVNEDGFENNPYLDQVR	31
PPUB-1148	Proteomics_pub	1256499	1256534	-	4	CLPQLENAGMLR	12
PPUB-1149	Proteomics_pub	1256682	1256720	-	4	CFENDNIIHVSGK	13
PPUB-1150	Proteomics_pub	1256721	1256750	-	4	ETEAIQHVVR	10
PPUB-1151	Proteomics_pub	1256751	1256801	-	4	GASKGEGLGNGFLTNR	17
PPUB-1152	Proteomics_pub	1256751	1256789	-	4	GEGLGNGFLTNR	13
PPUB-1153	Proteomics_pub	1256802	1256849	-	4	TLPTTFEFVDIAGLVK	16
PPUB-1154	Proteomics_pub	1256850	1256885	-	4	LDQLAEIVKPQR	12
PPUB-1155	Proteomics_pub	1256964	1256990	-	4	STLNFALTK	9
PPUB-1156	Proteomics_pub	1257224	1257256	-	6	LIDEAIDEAAR	11
PPUB-1157	Proteomics_pub	1257257	1257301	-	6	VVGFVLGKPPVSEQK	15
PPUB-1158	Proteomics_pub	1257341	1257367	-	6	LGNNPNFHR	9
PPUB-1159	Proteomics_pub	1257488	1257517	-	6	AVAAMASFFR	10
PPUB-1160	Proteomics_pub	1257518	1257556	-	6	LLVPTTFMNLGSK	13
PPUB-1161	Proteomics_pub	1257557	1257583	-	6	VTLGGEDVR	9
PPUB-1162	Proteomics_pub	1257635	1257676	-	6	HNAGAWFVDLLAER	14
PPUB-1163	Proteomics_pub	1257677	1257724	-	6	LIVGLANPGAAYAATR	16
PPUB-1164	Proteomics_pub	1260154	1260192	-	5	ISNEESISAMFEH	13
PPUB-1165	Proteomics_pub	1260154	1260195	-	5	RISNEESISAMFEH	14
PPUB-1166	Proteomics_pub	1260196	1260234	-	5	TLTSLGMLAEAIR	13
PPUB-1167	Proteomics_pub	1260253	1260312	-	5	NSVIDEVVCDTIPLSDEIK	20

PPUB-1168	Proteomics_pub	1260313	1260372	-	5	RVFAYATHPIFSGNAANNLR	20
PPUB-1169	Proteomics_pub	1260313	1260369	-	5	VFAYATHPIFSGNAANNLR	19
PPUB-1170	Proteomics_pub	1260457	1260504	-	5	ANVSQVMHIIGDVAGR	16
PPUB-1171	Proteomics_pub	1260514	1260552	-	5	LLNDTDMAIIDKR	13
PPUB-1172	Proteomics_pub	1260517	1260552	-	5	LLNDTDMAIIDK	12
PPUB-1173	Proteomics_pub	1260727	1260765	-	5	VVADFLSSVGVDK	13
PPUB-1174	Proteomics_pub	1260811	1260861	-	5	ASAGRITAVIPYFGYAR	17
PPUB-1175	Proteomics_pub	1260811	1260846	-	5	ITAVIPYFGYAR	12
PPUB-1176	Proteomics_pub	1260997	1261044	-	5	IANRLYTSLGDAAVGR	16
PPUB-1177	Proteomics_pub	1260997	1261032	-	5	LYTSLGDAAVGR	12
PPUB-1178	Proteomics_pub	1261045	1261083	-	5	LFAGNATPELAQR	13
PPUB-1179	Proteomics_pub	1262316	1262351	-	4	LTGMPIPLNSLR	12
PPUB-1180	Proteomics_pub	1262484	1262513	-	4	FFWQQTGQDR	10
PPUB-1181	Proteomics_pub	1272484	1272567	-	5	GISTLPLIDGVEIGTLVELAQWTLASDK	28
PPUB-1182	Proteomics_pub	1272670	1272708	-	5	LFLMSDAVTAGLR	13
PPUB-1183	Proteomics_pub	1272709	1272735	-	5	EQESNLDLR	9
PPUB-1184	Proteomics_pub	1272754	1272813	-	5	IVIVANGAPYGSSELSFNSLR	20
PPUB-1185	Proteomics_pub	1274531	1274557	-	6	LIAQGLPNK	9
PPUB-1186	Proteomics_pub	1274699	1274749	-	6	ASEGELLAQVEPEDLIK	17
PPUB-1187	Proteomics_pub	1287308	1287334	-	6	VLTPEFVAR	9
PPUB-1188	Proteomics_pub	1287344	1287394	-	6	MADAIDAYQPDYVVLAK	17
PPUB-1189	Proteomics_pub	1287413	1287457	-	6	FDIPFELVSHEGLTR	15
PPUB-1190	Proteomics_pub	1287413	1287472	-	6	SLVERFDIPFELVSHEGLTR	20
PPUB-1191	Proteomics_pub	1287536	1287568	-	6	EAHCLGDLLMK	11
PPUB-1192	Proteomics_pub	1287617	1287694	-	6	TELEGIFNDSTLLADLDSALPEGSVR	26
PPUB-1193	Proteomics_pub	1287716	1287760	-	6	HELNIVQNNFVDHR	15
PPUB-1194	Proteomics_pub	1287797	1287817	-	6	TICPDQK	7
PPUB-1195	Proteomics_pub	1291735	1291761	-	5	SLDDFLIKQ	9
PPUB-1196	Proteomics_pub	1291804	1291824	-	5	TWTGQGR	7
PPUB-1197	Proteomics_pub	1291825	1291875	-	5	AQRPAKYSYVDENGETK	17
PPUB-1198	Proteomics_pub	1291825	1291857	-	5	YSYVDENGETK	11
PPUB-1199	Proteomics_pub	1291897	1291959	-	5	EMLIADGIDPNELLNSLAIVK	21
PPUB-1200	Proteomics_pub	1291984	1292022	-	5	EEESAAAAEVEER	13
PPUB-1201	Proteomics_pub	1291984	1292025	-	5	REEESAAAAEVEER	14
PPUB-1202	Proteomics_pub	1292026	1292088	-	5	ECTLETLEEMLEKLEVVVNER	21
PPUB-1203	Proteomics_pub	1292050	1292088	-	5	ECTLETLEEMLEK	13
PPUB-1204	Proteomics_pub	1292110	1292142	-	5	SEALKILNNIR	11
PPUB-1205	Proteomics_pub	1294717	1294749	-	5	DYVEGETAAK	11
PPUB-1206	Proteomics_pub	1294720	1294749	-	5	DYVEGETAAK	10
PPUB-1207	Proteomics_pub	1294750	1294779	-	5	QILLDTYYGR	10
PPUB-1208	Proteomics_pub	1294780	1294851	-	5	LSEDAFDDQCTGANPRYPLISELK	24
PPUB-1209	Proteomics_pub	1294804	1294851	-	5	LSEDAFDDQCTGANPR	16
PPUB-1210	Proteomics_pub	1294852	1294896	-	5	EAGVQEADFLANVDK	15
PPUB-1211	Proteomics_pub	1294927	1294953	-	5	LLAWLETLK	9
PPUB-1212	Proteomics_pub	1294975	1295022	-	5	YAEIADHLGLSAPGDR	16
PPUB-1213	Proteomics_pub	1295029	1295067	-	5	QTAFSQYDRPQAR	13

PPUB-1214	Proteomics_pub	1295068	1295094	-	5	YNANDNPTK	9
PPUB-1215	Proteomics_pub	1295095	1295160	-	5	LGSQFHIPHLANALLICNVIR	22
PPUB-1216	Proteomics_pub	1295245	1295295	-	5	EYLPASYHEGSKNPVAR	17
PPUB-1217	Proteomics_pub	1295260	1295295	-	5	EYLPASYHEGSK	12
PPUB-1218	Proteomics_pub	1295413	1295487	-	5	YPLADYALTPDMAIVDANLVMDMPK	25
PPUB-1219	Proteomics_pub	1295488	1295571	-	5	MIAVTTTSGTGSEVTPFAVVTDDATGQK	28
PPUB-1220	Proteomics_pub	1295629	1295685	-	5	IMWVMYEHPEHFEELALR	19
PPUB-1221	Proteomics_pub	1295686	1295763	-	5	GAELANSFKPDVIALGGGSPMDAAK	26
PPUB-1222	Proteomics_pub	1295686	1295766	-	5	KGAELANSFKPDVIALGGGSPMDAAK	27
PPUB-1223	Proteomics_pub	1295833	1295880	-	5	FLFNNGYADQITSVLK	16
PPUB-1224	Proteomics_pub	1295902	1295952	-	5	GSLPIALDEVITDGHKR	17
PPUB-1225	Proteomics_pub	1295905	1295952	-	5	GSLPIALDEVITDGHK	16
PPUB-1226	Proteomics_pub	1295905	1295955	-	5	RGSLPIALDEVITDGHK	17
PPUB-1227	Proteomics_pub	1295980	1296006	-	5	RAENMLWHK	9
PPUB-1228	Proteomics_pub	1296037	1296108	-	5	LAPSLTLGCGSWGGSISENVGPK	24
PPUB-1229	Proteomics_pub	1296109	1296165	-	5	ILINTPASQGGIGDLYNFK	19
PPUB-1230	Proteomics_pub	1296202	1296270	-	5	LVAMGGIGHTSCLYTDQDNQPAR	23
PPUB-1231	Proteomics_pub	1296280	1296309	-	5	AKDFEDAVEK	10
PPUB-1232	Proteomics_pub	1296280	1296303	-	5	DFEDAVEK	8
PPUB-1233	Proteomics_pub	1296310	1296336	-	5	LSPTLAMYP	9
PPUB-1234	Proteomics_pub	1296337	1296393	-	5	ILIGEVTVVDESEPFHAHEK	19
PPUB-1235	Proteomics_pub	1296394	1296435	-	5	IAELAGFSVPENTK	14
PPUB-1236	Proteomics_pub	1296436	1296480	-	5	NGALNAAIVGQPAYK	15
PPUB-1237	Proteomics_pub	1296514	1296549	-	5	FATHGGYLLQGK	12
PPUB-1238	Proteomics_pub	1296658	1296744	-	5	AAYSKGKPAIGVGAGNTPVVIDETADIKR	29
PPUB-1239	Proteomics_pub	1296661	1296744	-	5	AAYSKGKPAIGVGAGNTPVVIDETADIK	28
PPUB-1240	Proteomics_pub	1296745	1296852	-	5	DLIGWIDQPSVELSNALMHHDPDINLILATGGPGMVK	36
PPUB-1241	Proteomics_pub	1296853	1296900	-	5	AADIVLQAIIAAGAPK	16
PPUB-1242	Proteomics_pub	1296922	1296951	-	5	NAIIFSPHPR	10
PPUB-1243	Proteomics_pub	1297093	1297140	-	5	NHFASEYIYNAYKDEK	16
PPUB-1244	Proteomics_pub	1297102	1297140	-	5	NHFASEYIYNAYK	13
PPUB-1245	Proteomics_pub	1297150	1297191	-	5	MAVAESGMGIVEDK	14
PPUB-1246	Proteomics_pub	1297192	1297236	-	5	AAALAAADARIPLAK	15
PPUB-1247	Proteomics_pub	1297207	1297245	-	5	IFRAALAAADAR	13
PPUB-1248	Proteomics_pub	1297246	1297281	-	5	EYASFTQEQQVDK	12
PPUB-1249	Proteomics_pub	1297300	1297341	-	5	AVTNVAELNALVER	14
PPUB-1250	Proteomics_pub	1314683	1314709	-	6	AGVTGAENR	9
PPUB-1251	Proteomics_pub	1314710	1314733	-	6	GYTYLLSR	8
PPUB-1252	Proteomics_pub	1315211	1315237	-	6	YESLFAQLK	9
PPUB-1253	Proteomics_pub	1327059	1327097	-	4	IALVTGASRGIGR	13
PPUB-1254	Proteomics_pub	1328459	1328485	-	6	HLAHLVLEK	9
PPUB-1255	Proteomics_pub	1328576	1328626	-	6	EHEDTLAGIEATGVTQR	17
PPUB-1256	Proteomics_pub	1341714	1341755	-	4	FGAVHSYSIGPVER	14
PPUB-1257	Proteomics_pub	1341834	1341884	-	4	AFIGIDGWQPETGFTGR	17
PPUB-1258	Proteomics_pub	1342266	1342295	-	4	ATGVSEVTIR	10
PPUB-1259	Proteomics_pub	1345041	1345079	-	4	VTDVIDVTIAEVR	13

PPUB-1260	Proteomics_pub	1345143	1345199	-	4	LVDNGAIAFIPAPFLHAVR	19
PPUB-1261	Proteomics_pub	1345218	1345247	-	4	FAAEIVDISR	10
PPUB-1262	Proteomics_pub	1345281	1345307	-	4	DVGDWLYAR	9
PPUB-1263	Proteomics_pub	1345335	1345400	-	4	AVIKGETATRPQDEITVQMAER	22
PPUB-1264	Proteomics_pub	1345335	1345388	-	4	GETATRPQDEITVQMAER	18
PPUB-1265	Proteomics_pub	1345536	1345574	-	4	ELDAQPTGFLDSR	13
PPUB-1266	Proteomics_pub	1345641	1345715	-	4	LGFGIYNVHMGFDPANADALAALLK	25
PPUB-1267	Proteomics_pub	1345791	1345823	-	4	GEVLDIVAEPR	11
PPUB-1268	Proteomics_pub	1345860	1345883	-	4	HNHALVFK	8
PPUB-1269	Proteomics_pub	1346082	1346114	-	4	ANEVRPVLACR	11
PPUB-1270	Proteomics_pub	1346115	1346144	-	4	ELSDDLCLSR	10
PPUB-1271	Proteomics_pub	1346145	1346192	-	4	AFTNYLPGFNIPMLPR	16
PPUB-1272	Proteomics_pub	1346217	1346273	-	4	LQLIVAIADPTAWIAEGSK	19
PPUB-1273	Proteomics_pub	1346538	1346567	-	4	EGDWAVAEMR	10
PPUB-1274	Proteomics_pub	1346616	1346648	-	4	LAIVPDHPLLK	11
PPUB-1275	Proteomics_pub	1346727	1346759	-	4	IIAVIHSEKER	11
PPUB-1276	Proteomics_pub	1346733	1346759	-	4	IIAVIHSEK	9
PPUB-1277	Proteomics_pub	1346811	1346843	-	4	GFGFLEVDAQK	11
PPUB-1278	Proteomics_pub	1346901	1346936	-	4	MFQDNPLLAQLK	12
PPUB-1279	Proteomics_pub	1348410	1348448	-	4	MLAHCEAVTPIRR	13
PPUB-1280	Proteomics_pub	1348413	1348448	-	4	MLAHCEAVTPIR	12
PPUB-1281	Proteomics_pub	1348485	1348514	-	4	VNAISAGPIR	10
PPUB-1282	Proteomics_pub	1348515	1348550	-	4	YMANAMGPEGVR	12
PPUB-1283	Proteomics_pub	1348575	1348610	-	4	AIPNYNVMGLAK	12
PPUB-1284	Proteomics_pub	1348611	1348667	-	4	SMLNPGSALLTLSYLGAER	19
PPUB-1285	Proteomics_pub	1348677	1348721	-	4	IAHDISSYSFVAMAK	15
PPUB-1286	Proteomics_pub	1348734	1348811	-	4	FDGFVHSIGFAPGDQLDGDYVNAVTR	26
PPUB-1287	Proteomics_pub	1348929	1348973	-	4	EGAELAFYQNDKLK	15
PPUB-1288	Proteomics_pub	1348935	1348973	-	4	EGAELAFYQNDK	13
PPUB-1289	Proteomics_pub	1348974	1349012	-	4	LSIAYGIAQAMHR	13
PPUB-1290	Proteomics_pub	1349013	1349042	-	4	RILVTGVASK	10
PPUB-1291	Proteomics_pub	1353878	1353904	-	6	VVIVPVEGR	9
PPUB-1292	Proteomics_pub	1353998	1354027	-	6	SLGLENLTLK	10
PPUB-1293	Proteomics_pub	1354748	1354786	-	6	ELNADDVVFSFDR	13
PPUB-1294	Proteomics_pub	1355567	1355605	-	6	TPLAHYFQLLLTR	13
PPUB-1295	Proteomics_pub	1386452	1386505	-	6	NAEFLQAYGVAIADGPLK	18
PPUB-1296	Proteomics_pub	1386506	1386556	-	6	FCGAEGLNNVITLSTFR	17
PPUB-1297	Proteomics_pub	1386557	1386634	-	6	FNQLATEIDNTVVLCSADLPFAQSR	26
PPUB-1298	Proteomics_pub	1386635	1386691	-	6	VLNIFPSIDTGVCAASVRK	19
PPUB-1299	Proteomics_pub	1386638	1386694	-	6	KVLNIFPSIDTGVCAASVR	19
PPUB-1300	Proteomics_pub	1386638	1386691	-	6	VLNIFPSIDTGVCAASVR	18
PPUB-1301	Proteomics_pub	1386695	1386736	-	6	DLSDVTLGQFAGKR	14
PPUB-1302	Proteomics_pub	1386698	1386736	-	6	DLSDVTLGQFAGK	13
PPUB-1303	Proteomics_pub	1386764	1386832	-	6	SQTVHFQGNPVTVANSIPQAGSK	23
PPUB-1304	Proteomics_pub	1395768	1395827	-	4	TGISAAFLGNTAEQVIDHLR	20
PPUB-1305	Proteomics_pub	1396380	1396415	-	4	YYLNAGVPIEIK	12



PPUB-1306	Proteomics_pub	1396416	1396442	-	4	TAWIHEQAK	9
PPUB-1307	Proteomics_pub	1396810	1396863	-	5	YITTIENNDALAQLAGHTR	18
PPUB-1308	Proteomics_pub	1397014	1397043	-	5	LAAFIYNLSR	10
PPUB-1309	Proteomics_pub	1409637	1409669	-	4	IVEENTYGIVK	11
PPUB-1310	Proteomics_pub	1409688	1409732	-	4	QPGFPEHVLPEYLEK	15
PPUB-1311	Proteomics_pub	1409733	1409792	-	4	NLQQSAPINFSLVAVNLDQK	20
PPUB-1312	Proteomics_pub	1409793	1409822	-	4	DSYTMLEILR	10
PPUB-1313	Proteomics_pub	1409946	1409972	-	4	MQENQQITK	9
PPUB-1314	Proteomics_pub	1433877	1433903	-	4	NMSTYVDYK	9
PPUB-1315	Proteomics_pub	1433904	1433939	-	4	YVDVGATYYFNK	12
PPUB-1316	Proteomics_pub	1434009	1434086	-	4	AQNFEAVAQYQFDFGLRPSLAYLQSK	26
PPUB-1317	Proteomics_pub	1434132	1434179	-	4	YDANNIYLAANYGETR	16
PPUB-1318	Proteomics_pub	1434576	1434608	-	4	FQDVGSFDYGR	11
PPUB-1319	Proteomics_pub	1434576	1434629	-	4	VAFAGLKFQDVGSFDYGR	18
PPUB-1320	Proteomics_pub	1434576	1434629	-	4	LAFAGLKYADVGSFDYGR	18
PPUB-1321	Proteomics_pub	1434576	1434608	-	4	YADVGSFDYGR	11
PPUB-1322	Proteomics_pub	1434744	1434806	-	4	VDGLHYFSDNKDVG DGDQTYMR	21
PPUB-1323	Proteomics_pub	1434807	1434836	-	4	DGNKLDLYGK	10
PPUB-1324	Proteomics_pub	1434807	1434836	-	4	DGNKVDLYGK	10
PPUB-1325	Proteomics_pub	1436295	1436321	-	4	LLTQLYGDR	9
PPUB-1326	Proteomics_pub	1438134	1438172	-	4	GTSANPDTYFQSR	13
PPUB-1327	Proteomics_pub	1438650	1438673	-	4	NVWGDTPR	8
PPUB-1328	Proteomics_pub	1440019	1440054	-	5	SNDVIQDDVFRR	12
PPUB-1329	Proteomics_pub	1440022	1440054	-	5	SNDVIQDDVFR	11
PPUB-1330	Proteomics_pub	1440055	1440114	-	5	IGSLGMDVYENERDLFFEDK	20
PPUB-1331	Proteomics_pub	1440076	1440114	-	5	IGSLGMDVYENER	13
PPUB-1332	Proteomics_pub	1440124	1440165	-	5	GALIDSQAAIEALK	14
PPUB-1333	Proteomics_pub	1440166	1440195	-	5	NGVMIVNTSR	10
PPUB-1334	Proteomics_pub	1440406	1440432	-	5	TAGVIGTGK	9
PPUB-1335	Proteomics_pub	1440604	1440642	-	5	CAGFNNVDLDAAK	13
PPUB-1336	Proteomics_pub	1451619	1451666	-	4	MQQLASFLSGTWQSGR	16
PPUB-1337	Proteomics_pub	1480486	1480524	-	5	YTENGPEGLVTGK	13
PPUB-1338	Proteomics_pub	1480543	1480566	-	5	NYFDLVAR	8
PPUB-1339	Proteomics_pub	1480762	1480788	-	5	HSADEITVR	9
PPUB-1340	Proteomics_pub	1488042	1488086	-	4	VLPELNGKLTGMAFR	15
PPUB-1341	Proteomics_pub	1488600	1488668	-	4	RSDIEIVAINDLLDADY MAYMLK	23
PPUB-1342	Proteomics_pub	1488600	1488665	-	4	SDIEIVAINDLLDADY MAYMLK	22
PPUB-1343	Proteomics_pub	1516079	1516138	-	6	HYFGINWDRDVATPEVADIR	20
PPUB-1344	Proteomics_pub	1539718	1539744	-	5	LCDLWLAPK	9
PPUB-1345	Proteomics_pub	1543879	1543941	-	5	VDGLHYFSDNKDVG DGDQTYMR	21
PPUB-1346	Proteomics_pub	1543942	1543971	-	5	DGNKLDLYGK	10
PPUB-1347	Proteomics_pub	1543942	1543971	-	5	DGNKVDLYGK	10
PPUB-1348	Proteomics_pub	1552020	1552079	-	4	TSAEALQQAIDDNFWQAEYR	20
PPUB-1349	Proteomics_pub	1552080	1552109	-	4	MAQQQGVAVK	10
PPUB-1350	Proteomics_pub	1552251	1552331	-	4	IYPFAQCNNAFIFPGIGLGV IASGASR	27
PPUB-1351	Proteomics_pub	1552428	1552475	-	4	HCPRPVIMPLSNPTSR	16

PPUB-1352	Proteomics_pub	1552707	1552733	-	4	EGLSEEAAR	9
PPUB-1353	Proteomics_pub	1553169	1553222	-	4	ILGLGDQIGGMGIPIGK	18
PPUB-1354	Proteomics_pub	1553223	1553249	-	4	VIVVTDGER	9
PPUB-1355	Proteomics_pub	1553298	1553324	-	4	GVFISYQNR	9
PPUB-1356	Proteomics_pub	1553424	1553459	-	4	NIQDTNETLFYR	12
PPUB-1357	Proteomics_pub	1553490	1553516	-	4	AWIQYQGFK	9
PPUB-1358	Proteomics_pub	1553517	1553579	-	4	NFNLLGILLPEVVETIEEQAER	21
PPUB-1359	Proteomics_pub	1553871	1553900	-	4	SSVNNPTGR	10
PPUB-1360	Proteomics_pub	1556550	1556585	-	4	YPLHLSGGQQQR	12
PPUB-1361	Proteomics_pub	1556898	1556939	-	4	GAIVGIIGPNGAGK	14
PPUB-1362	Proteomics_pub	1560023	1560082	-	6	AIDDHTLEVTLSEPVYFYK	20
PPUB-1363	Proteomics_pub	1560140	1560193	-	6	WADGTPVTAQDFVYSWQR	18
PPUB-1364	Proteomics_pub	1560140	1560193	-	6	WSDGTPVTAQDFVYSWQR	18
PPUB-1365	Proteomics_pub	1568678	1568710	-	6	LQGIAQQNSFK	11
PPUB-1366	Proteomics_pub	1568678	1568710	-	6	LQGIAQQNSFK	11
PPUB-1367	Proteomics_pub	1568711	1568731	-	6	YLSDHPK	7
PPUB-1368	Proteomics_pub	1568876	1568920	-	6	DGEDPGYTYDLSEK	15
PPUB-1369	Proteomics_pub	1568876	1568926	-	6	LKDGEDPGYTYDLSEK	17
PPUB-1370	Proteomics_pub	1568876	1568920	-	6	DGEDPGYTYDLSEK	15
PPUB-1371	Proteomics_pub	1568876	1568926	-	6	LKDGEDPGYTYDLSEK	17
PPUB-1372	Proteomics_pub	1568927	1568992	-	6	LGPYEFICTGRPDEGIPAVCFK	22
PPUB-1373	Proteomics_pub	1568993	1569046	-	6	VQNASYQVAAYLADEIAK	18
PPUB-1374	Proteomics_pub	1569536	1569556	-	6	YWDVELR	7
PPUB-1375	Proteomics_pub	1569566	1569637	-	6	MEAAGKPTDKPNLVCGPVQICWHK	24
PPUB-1376	Proteomics_pub	1569773	1569808	-	6	EEYPQSAIDLR	12
PPUB-1377	Proteomics_pub	1569773	1569823	-	6	NWIDKEEYPQSAIDLR	17
PPUB-1378	Proteomics_pub	1569773	1569808	-	6	EEYPQSAIDLR	12
PPUB-1379	Proteomics_pub	1569848	1569898	-	6	QNLATFCQWDDENVHK	17
PPUB-1380	Proteomics_pub	1569899	1569955	-	6	DDVAFQIINDELYLDGNAR	19
PPUB-1381	Proteomics_pub	1573092	1573124	-	4	LITGQLDNGLR	11
PPUB-1382	Proteomics_pub	1583647	1583673	-	5	IGGDMALLK	9
PPUB-1383	Proteomics_pub	1584553	1584591	-	5	VGDTLYLCTAHQR	13
PPUB-1384	Proteomics_pub	1592640	1592675	-	4	QVSVETTQGLGR	12
PPUB-1385	Proteomics_pub	1623668	1623724	-	6	WHCLEENEAMQDVDDFELR	19
PPUB-1386	Proteomics_pub	1623920	1623952	-	6	YATLSGTNTPR	11
PPUB-1387	Proteomics_pub	1624370	1624429	-	6	QQGGFSAQPWDWAFYAEQVR	20
PPUB-1388	Proteomics_pub	1624430	1624471	-	6	ASDELASIQAVIDK	14
PPUB-1389	Proteomics_pub	1624499	1624528	-	6	TPEAALNFMR	10
PPUB-1390	Proteomics_pub	1624550	1624597	-	6	AQQATLLGFPHYAAWK	16
PPUB-1391	Proteomics_pub	1624658	1624681	-	6	LFIAGWTR	8
PPUB-1392	Proteomics_pub	1624703	1624756	-	6	WLIPLNNTTQQPALAEMR	18
PPUB-1393	Proteomics_pub	1624880	1624927	-	6	VLNTEAATLTSQFNQR	16
PPUB-1394	Proteomics_pub	1625003	1625035	-	6	ESLGLDSESIR	11
PPUB-1395	Proteomics_pub	1635648	1635677	-	4	MTGLESYDVK	10
PPUB-1396	Proteomics_pub	1635648	1635677	-	4	MTGLESYDVK	10
PPUB-1397	Proteomics_pub	1635684	1635713	-	4	EVTSIQFTAR	10

PPUB-1398	Proteomics_pub	1635747	1635779	-	4	AEADISEYITK	11
PPUB-1399	Proteomics_pub	1635747	1635785	-	4	TKAEADISEYITK	13
PPUB-1400	Proteomics_pub	1636512	1636562	-	4	TLNENQKVEFSIEQQQR	17
PPUB-1401	Proteomics_pub	1636563	1636607	-	4	DVFNHFSAIQNDGYK	15
PPUB-1402	Proteomics_pub	1636563	1636607	-	4	DVFNHFSAIQNGGFK	15
PPUB-1403	Proteomics_pub	1636563	1636607	-	4	DVFNHFSAIQTNGFK	15
PPUB-1404	Proteomics_pub	1636608	1636643	-	4	GFGFITPDDGSK	12
PPUB-1405	Proteomics_pub	1636608	1636643	-	4	GFGFISPVDGSK	12
PPUB-1406	Proteomics_pub	1636608	1636643	-	4	GFGFITPADGSK	12
PPUB-1407	Proteomics_pub	1636608	1636643	-	4	GFGFITPEDGSK	12
PPUB-1408	Proteomics_pub	1636608	1636643	-	4	GFGFITPDDGSK	12
PPUB-1409	Proteomics_pub	1636608	1636643	-	4	GFGFITPKDGSK	12
PPUB-1410	Proteomics_pub	1639366	1639398	-	5	GPAANVIITD	11
PPUB-1411	Proteomics_pub	1639399	1639449	-	5	TLAEGQRVEFEITNGAK	17
PPUB-1412	Proteomics_pub	1639399	1639449	-	5	TLNENQKVEFSIEQQQR	17
PPUB-1413	Proteomics_pub	1639450	1639494	-	5	DVFNHFSAIQNDGYK	15
PPUB-1414	Proteomics_pub	1639450	1639494	-	5	DVFNHFSAIQNGGFK	15
PPUB-1415	Proteomics_pub	1639450	1639494	-	5	DVFNHFSAIQTNGFK	15
PPUB-1416	Proteomics_pub	1639495	1639530	-	5	GFGFITPDDGSK	12
PPUB-1417	Proteomics_pub	1639495	1639530	-	5	GFGFISPVDGSK	12
PPUB-1418	Proteomics_pub	1639495	1639530	-	5	GFGFITPADGSK	12
PPUB-1419	Proteomics_pub	1639495	1639530	-	5	GFGFITPEDGSK	12
PPUB-1420	Proteomics_pub	1639495	1639530	-	5	GFGFITPDDGSK	12
PPUB-1421	Proteomics_pub	1639495	1639530	-	5	GFGFITPKDGSK	12
PPUB-1422	Proteomics_pub	1648682	1648744	-	6	SNQNTCINQMPCVSLGEPVER	21
PPUB-1423	Proteomics_pub	1665106	1665144	-	5	TAGYKPVASGSEK	13
PPUB-1424	Proteomics_pub	1665196	1665231	-	5	YFVTGTDTEVGK	12
PPUB-1425	Proteomics_pub	1673137	1673175	-	5	SPIAGMPVLEVWK	13
PPUB-1426	Proteomics_pub	1673389	1673472	-	5	NSHSVIIITPGYGMVAQAQYPVAEITEK	28
PPUB-1427	Proteomics_pub	1674860	1674901	-	6	DGNITVDFDDVVIR	14
PPUB-1428	Proteomics_pub	1674920	1675003	-	6	VIGYTDLPGRLLPTQSSQLYGTNLVNLK	28
PPUB-1429	Proteomics_pub	1675442	1675474	-	6	FFTGGQITAAGK	11
PPUB-1430	Proteomics_pub	1685073	1685123	-	4	TPEGYASGSLGPTTAGR	17
PPUB-1431	Proteomics_pub	1685124	1685156	-	4	DHPIYYAGPAK	11
PPUB-1432	Proteomics_pub	1685256	1685297	-	4	EILAQLSQYPVSTR	14
PPUB-1433	Proteomics_pub	1685436	1685486	-	4	HGASCPVGMGVSCSADR	17
PPUB-1434	Proteomics_pub	1685598	1685648	-	4	YYDELPTEGNEHGQAFR	17
PPUB-1435	Proteomics_pub	1685934	1685966	-	4	YSQNAPLDMYK	11
PPUB-1436	Proteomics_pub	1686003	1686041	-	4	VWTGGGDEAALAR	13
PPUB-1437	Proteomics_pub	1686246	1686278	-	4	VAPEALTLLAR	11
PPUB-1438	Proteomics_pub	1695441	1695470	-	4	SVITPEIEQK	10
PPUB-1439	Proteomics_pub	1695471	1695515	-	4	VNGIAPGAILTDALK	15
PPUB-1440	Proteomics_pub	1695525	1695551	-	4	NMAFDLGEK	9
PPUB-1441	Proteomics_pub	1695576	1695608	-	4	NINMTSYASSK	11
PPUB-1442	Proteomics_pub	1713092	1713136	-	6	AMQEYELQVVAAQDR	15
PPUB-1443	Proteomics_pub	1713215	1713262	-	6	QPVGVGDVTSGLLLVK	16

PPUB-1444	Proteomics_pub	1713368	1713406	-	6	ELIAQGPQIVLVK	13
PPUB-1445	Proteomics_pub	1713512	1713553	-	6	GCIVAPGVAEFHVR	14
PPUB-1446	Proteomics_pub	1713554	1713589	-	6	YFCDPVMGHPEK	12
PPUB-1447	Proteomics_pub	1713975	1713998	-	4	NYCLICWK	8
PPUB-1448	Proteomics_pub	1714038	1714076	-	4	QSDPEYFFKEEDR	13
PPUB-1449	Proteomics_pub	1714077	1714118	-	4	KTIASNAITINGEK	14
PPUB-1450	Proteomics_pub	1714077	1714115	-	4	TIASNAITINGEK	13
PPUB-1451	Proteomics_pub	1714284	1714319	-	4	LVHGEEGLQAAK	12
PPUB-1452	Proteomics_pub	1714320	1714352	-	4	AQYVLAEQVTR	11
PPUB-1453	Proteomics_pub	1714437	1714481	-	4	FYQFWINTADADVYR	15
PPUB-1454	Proteomics_pub	1714497	1714532	-	4	TEGGAVWLDPPK	12
PPUB-1455	Proteomics_pub	1714500	1714532	-	4	TEGGAVWLDPK	11
PPUB-1456	Proteomics_pub	1714557	1714604	-	4	LHQNQVFGLTVPLITK	16
PPUB-1457	Proteomics_pub	1714557	1714607	-	4	RLHQNQVFGLTVPLITK	17
PPUB-1458	Proteomics_pub	1714785	1714814	-	4	HFSVNMINK	10
PPUB-1459	Proteomics_pub	1714938	1714979	-	4	KLNTEETVQEWVDK	14
PPUB-1460	Proteomics_pub	1714938	1714976	-	4	LNTEETVQEWVDK	13
PPUB-1461	Proteomics_pub	1714992	1715066	-	4	FQQAGHKPVALVGGATGLIGDPSFK	25
PPUB-1462	Proteomics_pub	1715070	1715162	-	4	LAQGPIALYCGFDPTADSLHLGHLVPLLCLK	31
PPUB-1463	Proteomics_pub	1715163	1715207	-	4	GLVAQVTDEEALAER	15
PPUB-1464	Proteomics_pub	1715441	1715485	-	6	VSLEQIEFWQGGEHR	15
PPUB-1465	Proteomics_pub	1715486	1715533	-	6	FQQGEVPLPSFWGGFR	16
PPUB-1466	Proteomics_pub	1715597	1715626	-	6	DSQIGAWVSK	10
PPUB-1467	Proteomics_pub	1715702	1715737	-	6	VLLFPWHTLER	12
PPUB-1468	Proteomics_pub	1723144	1723197	-	5	HFGVSNFTPAQFALLQSR	18
PPUB-1469	Proteomics_pub	1723609	1723644	-	5	ITIAPQGPEFSR	12
PPUB-1470	Proteomics_pub	1731781	1731807	-	5	YKSEEPDAE	9
PPUB-1471	Proteomics_pub	1731949	1731987	-	5	FAYVDILQNPDIR	13
PPUB-1472	Proteomics_pub	1731988	1732047	-	5	LPSCGFSAQAVQALAACGER	20
PPUB-1473	Proteomics_pub	1732060	1732095	-	5	QIAENPILLYMK	12
PPUB-1474	Proteomics_pub	1740676	1740729	-	5	VNIEIDPQTQAVVDTVR	18
PPUB-1475	Proteomics_pub	1740763	1740798	-	5	FCVHLIPETLER	12
PPUB-1476	Proteomics_pub	1741009	1741035	-	5	VGDWVNVVER	9
PPUB-1477	Proteomics_pub	1741234	1741266	-	5	MFTGIVQGTAK	11
PPUB-1478	Proteomics_pub	1743015	1743044	-	4	EISPDFINVK	10
PPUB-1479	Proteomics_pub	1743435	1743467	-	4	TQNLSVNVGGR	11
PPUB-1480	Proteomics_pub	1743993	1744031	-	4	AENTVVTGAGWLK	13
PPUB-1481	Proteomics_pub	1744098	1744133	-	4	NLMSDGNVQIVK	12
PPUB-1482	Proteomics_pub	1756009	1756062	-	5	VQFIDEVPKATTEPDGSR	18
PPUB-1483	Proteomics_pub	1759961	1759990	-	6	VVADGVNSLR	10
PPUB-1484	Proteomics_pub	1760312	1760341	-	6	DLLALSPEDR	10
PPUB-1485	Proteomics_pub	1760417	1760458	-	6	GAIVGIIGPNGAGK	14
PPUB-1486	Proteomics_pub	1762045	1762077	-	5	DECGCGESFHV	11
PPUB-1487	Proteomics_pub	1762045	1762098	-	5	FTNPNVKDECGCGESFHV	18
PPUB-1488	Proteomics_pub	1762123	1762164	-	5	SLQFLDGTQLDFVK	14
PPUB-1489	Proteomics_pub	1763522	1763566	-	6	LGDDVLEAEMPVDTR	15

PPUB-1490	Proteomics_pub	1791466	1791507	-	5	GAIVGIIGPNGAGK	14
PPUB-1491	Proteomics_pub	1793319	1793348	-	4	RVVTFRPGQK	10
PPUB-1492	Proteomics_pub	1793319	1793345	-	4	VVTFRPGQK	9
PPUB-1493	Proteomics_pub	1793349	1793378	-	4	TGEDIPITAR	10
PPUB-1494	Proteomics_pub	1793412	1793441	-	4	LSGFGNFDLR	10
PPUB-1495	Proteomics_pub	1793442	1793468	-	4	ALENGEQVK	9
PPUB-1496	Proteomics_pub	1793469	1793504	-	4	ELVELFFEEIRR	12
PPUB-1497	Proteomics_pub	1793532	1793561	-	4	AEMSEYLFDK	10
PPUB-1498	Proteomics_pub	1793629	1793667	-	5	TLEEEIEAATVAK	13
PPUB-1499	Proteomics_pub	1793668	1793706	-	5	SLAISLILQDTSR	13
PPUB-1500	Proteomics_pub	1793734	1793781	-	5	VGVNQVGVNLFVYR	16
PPUB-1501	Proteomics_pub	1793782	1793844	-	5	DIAVVVAENVPAADILSECKK	21
PPUB-1502	Proteomics_pub	1793956	1793994	-	5	IGFVGVVHPELER	13
PPUB-1503	Proteomics_pub	1794004	1794057	-	5	AEANPALHPGQSAAIYK	18
PPUB-1504	Proteomics_pub	1794079	1794141	-	5	ETVDFYDLKGDLESVLDLTGK	21
PPUB-1505	Proteomics_pub	1794079	1794114	-	5	GDLESVLDLTGK	12
PPUB-1506	Proteomics_pub	1794115	1794141	-	5	ETVDFYDLK	9
PPUB-1507	Proteomics_pub	1794142	1794168	-	5	YEEHWNLAK	9
PPUB-1508	Proteomics_pub	1794169	1794207	-	5	QDLMLAGVICGNR	13
PPUB-1509	Proteomics_pub	1794208	1794243	-	5	FVPDTQAPLGR	12
PPUB-1510	Proteomics_pub	1794412	1794453	-	5	GYQEVITYSFVDPK	14
PPUB-1511	Proteomics_pub	1794502	1794567	-	5	VYGYNNIPDEPVQASLIMGTHR	22
PPUB-1512	Proteomics_pub	1794613	1794672	-	5	LGCEVTEGKDEWQAVAPSWR	20
PPUB-1513	Proteomics_pub	1794646	1794672	-	5	LGCEVTEGK	9
PPUB-1514	Proteomics_pub	1794676	1794723	-	5	LIGHHIADEQVTDILR	16
PPUB-1515	Proteomics_pub	1794763	1794834	-	5	LLIDICGGEGPVIDITNEATLPK	24
PPUB-1516	Proteomics_pub	1794856	1794882	-	5	GVPALQHK	9
PPUB-1517	Proteomics_pub	1794892	1794921	-	5	HGLHTDASHR	10
PPUB-1518	Proteomics_pub	1795042	1795080	-	5	LNADTLVIADHMK	13
PPUB-1519	Proteomics_pub	1795081	1795122	-	5	EGETLVLLDGTEAK	14
PPUB-1520	Proteomics_pub	1795132	1795161	-	5	DRIEGGIIVR	10
PPUB-1521	Proteomics_pub	1795264	1795287	-	5	APTPLWMK	8
PPUB-1522	Proteomics_pub	1795438	1795470	-	5	ADCLGIIGVAR	11
PPUB-1523	Proteomics_pub	1795438	1795512	-	5	LDDNTIEISVTPNRADCLGIIGVAR	25
PPUB-1524	Proteomics_pub	1795471	1795512	-	5	LDDNTIEISVTPNR	14
PPUB-1525	Proteomics_pub	1795657	1795701	-	5	VAVATIGAVLPGDFK	15
PPUB-1526	Proteomics_pub	1795714	1795749	-	5	LLDIVCGAPNCR	12
PPUB-1527	Proteomics_pub	1796181	1796240	-	4	FRPSYFPFTEPSAEVDVMGK	20
PPUB-1528	Proteomics_pub	1796241	1796270	-	4	NFFEEDLQIR	10
PPUB-1529	Proteomics_pub	1796271	1796294	-	4	GTLHDFLR	8
PPUB-1530	Proteomics_pub	1796439	1796465	-	4	TQTSGVQIR	9
PPUB-1531	Proteomics_pub	1796475	1796510	-	4	ADHDTFWFDTTR	12
PPUB-1532	Proteomics_pub	1796634	1796666	-	4	IENGGLHPVTR	11
PPUB-1533	Proteomics_pub	1796634	1796669	-	4	RIENGGLHPVTR	12
PPUB-1534	Proteomics_pub	1796667	1796708	-	4	LAAETIDVSLPGRR	14
PPUB-1535	Proteomics_pub	1796670	1796708	-	4	LAAETIDVSLPGR	13

PPUB-1536	Proteomics_pub	1796709	1796741	-	4	AELESAALNAR	11
PPUB-1537	Proteomics_pub	1796709	1796744	-	4	KAELESAALNAR	12
PPUB-1538	Proteomics_pub	1796745	1796774	-	4	EQVQQALNAR	10
PPUB-1539	Proteomics_pub	1796829	1796864	-	4	KGHLTLQMTTLR	12
PPUB-1540	Proteomics_pub	1796883	1796930	-	4	AAISQASDVAALDNVR	16
PPUB-1541	Proteomics_pub	1796931	1796963	-	4	SHLAELVASAK	11
PPUB-1542	Proteomics_pub	1797465	1797494	-	4	ILADIAVFDK	10
PPUB-1543	Proteomics_pub	1797465	1797497	-	4	KILADIAVFDK	11
PPUB-1544	Proteomics_pub	1797540	1797581	-	4	INAAARQNGISYSK	14
PPUB-1545	Proteomics_pub	1797829	1797867	-	5	GDLGLVIACLPYA	13
PPUB-1546	Proteomics_pub	1798132	1798158	-	5	QMIMVLAPK	9
PPUB-1547	Proteomics_pub	1798171	1798215	-	5	DDLQELAVVESFPTK	15
PPUB-1548	Proteomics_pub	1798171	1798221	-	5	VKDDLQELAVVESFPTK	17
PPUB-1549	Proteomics_pub	1798222	1798263	-	5	EMAHQQIGMEVLNR	14
PPUB-1550	Proteomics_pub	1798222	1798269	-	5	GREMAHQQIGMEVLNR	16
PPUB-1551	Proteomics_pub	1798288	1798314	-	5	FLEEGDKAK	9
PPUB-1552	Proteomics_pub	1798327	1798371	-	5	FRPGTDEGDYQVKLR	15
PPUB-1553	Proteomics_pub	1798333	1798371	-	5	FRPGTDEGDYQVK	13
PPUB-1554	Proteomics_pub	1798432	1798464	-	5	IMDYGKFLYEK	11
PPUB-1555	Proteomics_pub	1798465	1798527	-	5	AEEAGVDLVEISPNAEPPVCR	21
PPUB-1556	Proteomics_pub	1798528	1798587	-	5	LTGLEGEQLGIVSLREALEK	20
PPUB-1557	Proteomics_pub	1798543	1798587	-	5	LTGLEGEQLGIVSLR	15
PPUB-1558	Proteomics_pub	1798714	1798752	-	5	DLGSMDVNEVIEK	13
PPUB-1559	Proteomics_pub	1798714	1798758	-	5	GKDLGSMDVNEVIEK	15
PPUB-1560	Proteomics_pub	1799059	1799082	-	5	KVPVMIHR	8
PPUB-1561	Proteomics_pub	1799083	1799118	-	5	LSASYVGEDNER	12
PPUB-1562	Proteomics_pub	1799167	1799199	-	5	IEFTLYDCLDR	11
PPUB-1563	Proteomics_pub	1799287	1799313	-	5	IGSDEMWDR	9
PPUB-1564	Proteomics_pub	1799470	1799505	-	5	NEPSGSLHGLMR	12
PPUB-1565	Proteomics_pub	1799620	1799652	-	5	DAMFTTSSENR	11
PPUB-1566	Proteomics_pub	1799713	1799742	-	5	LKEYQYQEVK	10
PPUB-1567	Proteomics_pub	1799917	1799943	-	5	IYGTAWADK	9
PPUB-1568	Proteomics_pub	1799974	1799994	-	5	TAGAYWR	7
PPUB-1569	Proteomics_pub	1800022	1800045	-	5	GPHVPNMR	8
PPUB-1570	Proteomics_pub	1800226	1800264	-	5	TLTQEDVEALEKR	13
PPUB-1571	Proteomics_pub	1800229	1800264	-	5	TLTQEDVEALEK	12
PPUB-1572	Proteomics_pub	1800265	1800321	-	5	MAIGPVIDNGFYVDVLDLR	19
PPUB-1573	Proteomics_pub	1800343	1800378	-	5	HSCAHLGHAIK	12
PPUB-1574	Proteomics_pub	1800379	1800405	-	5	DEEGLEIIR	9
PPUB-1575	Proteomics_pub	1800496	1800558	-	5	HYDHAVSPMDVALDIGPGLAK	21
PPUB-1576	Proteomics_pub	1800559	1800591	-	5	PVITLPDGSQR	11
PPUB-1577	Proteomics_pub	1808252	1808308	-	6	TGISAAFLGNTAEQVIDHLR	20
PPUB-1578	Proteomics_pub	1845163	1845204	-	5	NFASYGHLMGEMPR	14
PPUB-1579	Proteomics_pub	1845205	1845234	-	5	LGAVPGGTER	10
PPUB-1580	Proteomics_pub	1845235	1845261	-	5	LPGVEEYIK	9
PPUB-1581	Proteomics_pub	1845262	1845285	-	5	VDYEAIPK	8

PPUB-1582	Proteomics_pub	1845364	1845408	-	5	MNIAGASFANIEGVK	15
PPUB-1583	Proteomics_pub	1845409	1845459	-	5	SLLKPEHQGLATEVMCR	17
PPUB-1584	Proteomics_pub	1845550	1845642	-	5	QAGIALAGGHSIDAPEPIFGLAVTGIVPTER	31
PPUB-1585	Proteomics_pub	1845886	1845924	-	5	FVDPNLLVGNETR	13
PPUB-1586	Proteomics_pub	1845925	1845960	-	5	VLETILHSEQAK	12
PPUB-1587	Proteomics_pub	1845973	1846011	-	5	LTQYSHGAGCGCK	13
PPUB-1588	Proteomics_pub	1846203	1846241	-	4	IVGFLYLGTPQLK	13
PPUB-1589	Proteomics_pub	1846272	1846304	-	4	SGALTESPVVR	11
PPUB-1590	Proteomics_pub	1846416	1846445	-	4	APLIITVVAK	10
PPUB-1591	Proteomics_pub	1846479	1846529	-	4	FSAVLEQGAIAAGSDDK	17
PPUB-1592	Proteomics_pub	1846608	1846655	-	4	LAEPAPTGEQLQNILR	16
PPUB-1593	Proteomics_pub	1846608	1846667	-	4	SASRLAEPAPTGEQLQNILR	20
PPUB-1594	Proteomics_pub	1860079	1860105	-	5	YCVNSASLR	9
PPUB-1595	Proteomics_pub	1860277	1860333	-	5	DGVYHCLICDAPLFHSQTK	19
PPUB-1596	Proteomics_pub	1863756	1863794	-	4	SWGTLISTGITYK	13
PPUB-1597	Proteomics_pub	1863795	1863833	-	4	LSDEVTDSPMVDK	13
PPUB-1598	Proteomics_pub	1864266	1864310	-	4	GLGGGYLLWNDATDK	15
PPUB-1599	Proteomics_pub	1864377	1864421	-	4	FSLGAGVGVVEHPYK	15
PPUB-1600	Proteomics_pub	1888386	1888439	-	4	SFVAVHNQPGLYVGQQR	18
PPUB-1601	Proteomics_pub	1888635	1888673	-	4	TVAVEHAEPVYLR	13
PPUB-1602	Proteomics_pub	1889076	1889102	-	4	GPGSFTGVR	9
PPUB-1603	Proteomics_pub	1905253	1905282	-	5	GPAAVNVTAI	10
PPUB-1604	Proteomics_pub	1905283	1905333	-	5	TLAEGQNVEFEIQDGQK	17
PPUB-1605	Proteomics_pub	1905283	1905333	-	5	TLAEGQRVEFEITNGAK	17
PPUB-1606	Proteomics_pub	1905283	1905333	-	5	TLNENQKVEFSIEQGQR	17
PPUB-1607	Proteomics_pub	1905334	1905378	-	5	DVHVHFSAIQNDGYK	15
PPUB-1608	Proteomics_pub	1905334	1905378	-	5	DVHVHFSAIQNGGFK	15
PPUB-1609	Proteomics_pub	1905334	1905378	-	5	DVHVHFSAIQTNGFK	15
PPUB-1610	Proteomics_pub	1905379	1905414	-	5	GFGFITPDDGSK	12
PPUB-1611	Proteomics_pub	1905379	1905414	-	5	GFGFISPVDGSK	12
PPUB-1612	Proteomics_pub	1905379	1905414	-	5	GFGFITPADGSK	12
PPUB-1613	Proteomics_pub	1905379	1905414	-	5	GFGFITPEDGSK	12
PPUB-1614	Proteomics_pub	1905379	1905414	-	5	GFGFITPDDGSK	12
PPUB-1615	Proteomics_pub	1905379	1905414	-	5	GFGFITPKDGSK	12
PPUB-1616	Proteomics_pub	1907335	1907370	-	5	ISAQMGYHDYPF	12
PPUB-1617	Proteomics_pub	1907374	1907412	-	5	LQEYVAMLHTAAR	13
PPUB-1618	Proteomics_pub	1907551	1907598	-	5	TITSTEALLPVLQVVR	16
PPUB-1619	Proteomics_pub	1907614	1907640	-	5	QILEGVEYK	9
PPUB-1620	Proteomics_pub	1907677	1907706	-	5	NPLYSTAIGK	10
PPUB-1621	Proteomics_pub	1907917	1907955	-	5	TLGYVAQEGESEK	13
PPUB-1622	Proteomics_pub	1908004	1908033	-	5	EIGITELSQR	10
PPUB-1623	Proteomics_pub	1908004	1908069	-	5	VFGILQALGEEREIGITELSQR	22
PPUB-1624	Proteomics_pub	1908034	1908069	-	5	VFGILQALGEER	12
PPUB-1625	Proteomics_pub	1908070	1908120	-	5	ANADLDKQPDSVSSVLK	17
PPUB-1626	Proteomics_pub	1910340	1910372	-	4	WLVNTVATQAR	11
PPUB-1627	Proteomics_pub	1910388	1910420	-	4	SVGGEVIEQPR	11

PPUB-1628	Proteomics_pub	1910795	1910827	-	6	ARPAEQPAPVK	11
PPUB-1629	Proteomics_pub	1910972	1911004	-	6	EKENNEDDATR	11
PPUB-1630	Proteomics_pub	1911122	1911160	-	6	SGDLTAFEPELLK	13
PPUB-1631	Proteomics_pub	1911662	1911694	-	6	QNVSSVIIDLR	11
PPUB-1632	Proteomics_pub	1912634	1912666	-	6	QFDLDQAFSAK	11
PPUB-1633	Proteomics_pub	1912700	1912732	-	6	EETQHATVSER	11
PPUB-1634	Proteomics_pub	1912881	1912916	-	4	VQLNSGMSLIVR	12
PPUB-1635	Proteomics_pub	1912929	1912973	-	4	AGQNAMDATVLEITK	15
PPUB-1636	Proteomics_pub	1912980	1913039	-	4	EEQHTPVSDISALTVGQALK	20
PPUB-1637	Proteomics_pub	1913151	1913192	-	4	EAAATAGEKEDAPR	14
PPUB-1638	Proteomics_pub	1913199	1913231	-	4	VQAQRAEQQAK	11
PPUB-1639	Proteomics_pub	1913259	1913318	-	4	VDLDGNPCGELDEQHVEHAR	20
PPUB-1640	Proteomics_pub	1913319	1913351	-	4	YLYGVKPGATR	11
PPUB-1641	Proteomics_pub	1913352	1913384	-	4	SALRLYTSSWR	11
PPUB-1642	Proteomics_pub	1913397	1913423	-	4	VAGEMNLSK	9
PPUB-1643	Proteomics_pub	1913424	1913453	-	4	IGIFQDLVDR	10
PPUB-1644	Proteomics_pub	1913454	1913498	-	4	FPHCFSAEGEARPLK	15
PPUB-1645	Proteomics_pub	1913730	1913759	-	4	FTDEDEQGLR	10
PPUB-1646	Proteomics_pub	1913907	1913933	-	4	GVCGTAVAR	9
PPUB-1647	Proteomics_pub	1914117	1914143	-	4	TEFYADLNR	9
PPUB-1648	Proteomics_pub	1921407	1921433	-	4	MSLAPFIER	9
PPUB-1649	Proteomics_pub	1921434	1921493	-	4	TNAQPISVIQIDDPNNPGEK	20
PPUB-1650	Proteomics_pub	1928577	1928609	-	4	EALSLWLAEQK	11
PPUB-1651	Proteomics_pub	1930184	1930252	-	6	SVLCIGGSWLVPADALEAGDYDR	23
PPUB-1652	Proteomics_pub	1930271	1930309	-	6	FCPTGGISPANYR	13
PPUB-1653	Proteomics_pub	1930310	1930348	-	6	ALQAIAGPFSQVR	13
PPUB-1654	Proteomics_pub	1930349	1930390	-	6	EFKFFPAEANGGVK	14
PPUB-1655	Proteomics_pub	1930349	1930381	-	6	FFPAEANGGVK	11
PPUB-1656	Proteomics_pub	1930391	1930474	-	6	AATEGTIPLIPGISTVSELMLGMDYGLK	28
PPUB-1657	Proteomics_pub	1930607	1930633	-	6	TECAVDAIR	9
PPUB-1658	Proteomics_pub	1930679	1930708	-	6	KLEHAVPMAK	10
PPUB-1659	Proteomics_pub	1930709	1930765	-	6	TSAESILTTGPVVPVIVVK	19
PPUB-1660	Proteomics_pub	1932893	1932997	-	6	WVDSITEAWAMDNDAPKPYQAGTWGPVASVAMITR	35
PPUB-1661	Proteomics_pub	1933070	1933129	-	6	LDLSYSETFNQTHLADAYER	20
PPUB-1662	Proteomics_pub	1933172	1933213	-	6	LQPDEGVDIQVLNK	14
PPUB-1663	Proteomics_pub	1933256	1933279	-	6	TPELNLFK	8
PPUB-1664	Proteomics_pub	1933331	1933357	-	6	WAGVPFYLR	9
PPUB-1665	Proteomics_pub	1933379	1933411	-	6	SSNTETFVAIR	11
PPUB-1666	Proteomics_pub	1933412	1933450	-	6	KVPGYLEEEGANK	13
PPUB-1667	Proteomics_pub	1933451	1933483	-	6	GQYTAGFAQ GK	11
PPUB-1668	Proteomics_pub	1933727	1933765	-	6	FANSLFVNNDNR	13
PPUB-1669	Proteomics_pub	1933766	1933795	-	6	ETVLNLLALR	10
PPUB-1670	Proteomics_pub	1934036	1934083	-	6	LDFCNLDVNDTAAFSR	16
PPUB-1671	Proteomics_pub	1934084	1934125	-	6	ETIDEGLWDTLSAR	14
PPUB-1672	Proteomics_pub	1934207	1934233	-	6	AGQLNPDR	9
PPUB-1673	Proteomics_pub	1934234	1934263	-	6	LLPSLYQLEK	10



PPUB-1674	Proteomics_pub	1937456	1937488	-	6	VVPLFPIYDGK	11
PPUB-1675	Proteomics_pub	1937504	1937536	-	6	ATLPAIGRLMK	11
PPUB-1676	Proteomics_pub	1939741	1939785	-	5	MGTLDPLGTNIKLGK	15
PPUB-1677	Proteomics_pub	1939750	1939785	-	5	MGTLDPLGTNIK	12
PPUB-1678	Proteomics_pub	1939801	1939860	-	5	ATCVFAEPQFRPAVVESVAR	20
PPUB-1679	Proteomics_pub	1939897	1939962	-	5	QFGLTPLGHFTVNPEIQPGAQR	22
PPUB-1680	Proteomics_pub	1939963	1940004	-	5	GYFVFHDAYGYFEK	14
PPUB-1681	Proteomics_pub	1940011	1940073	-	5	DFEAQLASTETQVGNELAPLK	21
PPUB-1682	Proteomics_pub	1940098	1940124	-	5	LVELMPQSR	9
PPUB-1683	Proteomics_pub	1940125	1940151	-	5	ATAVAIHGK	9
PPUB-1684	Proteomics_pub	1940218	1940259	-	5	SIHGDDDDHDHAEK	14
PPUB-1685	Proteomics_pub	1940260	1940307	-	5	QVTIAQLEDVKPLLMK	16
PPUB-1686	Proteomics_pub	1942865	1942891	-	6	AGSLTSPLR	9
PPUB-1687	Proteomics_pub	1945020	1945070	-	4	VIGVGGGGGNAVEHMVR	17
PPUB-1688	Proteomics_pub	1945531	1945560	-	5	ADMDAETAPK	10
PPUB-1689	Proteomics_pub	1945561	1945599	-	5	ADSAEVSMPSTK	13
PPUB-1690	Proteomics_pub	1945561	1945626	-	5	DALEAAGLKADSAEVSMPSTK	22
PPUB-1691	Proteomics_pub	1945600	1945632	-	5	VRDALEAAGLK	11
PPUB-1692	Proteomics_pub	1945768	1945818	-	5	CGGNLGTDGSVAYLFSK	17
PPUB-1693	Proteomics_pub	1945852	1945917	-	5	YEGFGPNGSMIIAETLTSNVNR	22
PPUB-1694	Proteomics_pub	1945987	1946025	-	5	AAVDKALSNNMTR	13
PPUB-1695	Proteomics_pub	1946032	1946064	-	5	LGGGDPDANPR	11
PPUB-1696	Proteomics_pub	1946065	1946094	-	5	IIRELVTAAK	10
PPUB-1697	Proteomics_pub	1946900	1946935	-	6	LTMLLTGTDNIR	12
PPUB-1698	Proteomics_pub	1946936	1946980	-	6	YGTTPPHAGLAFGLDR	15
PPUB-1699	Proteomics_pub	1946936	1946983	-	6	RYGTVPHSGFGLGFER	16
PPUB-1700	Proteomics_pub	1946936	1946980	-	6	YGTVPHSGFGLGFER	15
PPUB-1701	Proteomics_pub	1946981	1947007	-	6	FGFLLDALK	9
PPUB-1702	Proteomics_pub	1947080	1947157	-	6	AAPENAVANAYDMVINGYEVGGGSVR	26
PPUB-1703	Proteomics_pub	1947317	1947346	-	6	IVADAMGALR	10
PPUB-1704	Proteomics_pub	1947347	1947397	-	6	TAAQDGDMIFFGADNKK	17
PPUB-1705	Proteomics_pub	1947398	1947436	-	6	FLNAEIIEDILDR	13
PPUB-1706	Proteomics_pub	1947437	1947469	-	6	GLEGINSPVAK	11
PPUB-1707	Proteomics_pub	1947521	1947553	-	6	KQIDEYGNFVK	11
PPUB-1708	Proteomics_pub	1947521	1947550	-	6	QIDEYGNFVK	10
PPUB-1709	Proteomics_pub	1947554	1947580	-	6	VPGGASLTR	9
PPUB-1710	Proteomics_pub	1947602	1947646	-	6	SVEFAVFAGPANDPK	15
PPUB-1711	Proteomics_pub	1947647	1947685	-	6	NPMELTDVADLLK	13
PPUB-1712	Proteomics_pub	1947686	1947712	-	6	YGSDKPDLR	9
PPUB-1713	Proteomics_pub	1947713	1947766	-	6	GVDLGDFFPVMTFEAER	18
PPUB-1714	Proteomics_pub	1947767	1947787	-	6	HLWLEVK	7
PPUB-1715	Proteomics_pub	1947923	1947952	-	6	QLLMMSGFDR	10
PPUB-1716	Proteomics_pub	1947953	1947988	-	6	FYALPQSPQLFK	12
PPUB-1717	Proteomics_pub	1948184	1948234	-	6	ADVLPPLDSNHVNTTEAR	17
PPUB-1718	Proteomics_pub	1948373	1948423	-	6	EGIVQVFFDPDRADALK	17
PPUB-1719	Proteomics_pub	1948430	1948462	-	6	DLGSLIFIDMR	11

PPUB-1720	Proteomics_pub	1983559	1983582	-	5	QIQVPTK	8
PPUB-1721	Proteomics_pub	1983907	1983948	-	5	TLNAIDSLAASGAK	14
PPUB-1722	Proteomics_pub	1995383	1995418	-	6	YPLHLSGGQQQR	12
PPUB-1723	Proteomics_pub	1995713	1995754	-	6	GAIVGIIGPNGAGK	14
PPUB-1724	Proteomics_pub	1996635	1996673	-	4	LEGILLDPVYTGK	13
PPUB-1725	Proteomics_pub	1996785	1996814	-	4	VVNLQQAIK	10
PPUB-1726	Proteomics_pub	1997612	1997635	-	6	WFGADVTK	8
PPUB-1727	Proteomics_pub	1997636	1997665	-	6	DGTLQALSEK	10
PPUB-1728	Proteomics_pub	1997666	1997698	-	6	AVNDAIAEMQK	11
PPUB-1729	Proteomics_pub	1997747	1997791	-	6	KTNDTLAVTGEAFSR	15
PPUB-1730	Proteomics_pub	1997747	1997788	-	6	TNDTLAVTGEAFSR	14
PPUB-1731	Proteomics_pub	1997849	1997887	-	6	TYDDDPTKYQDLR	13
PPUB-1732	Proteomics_pub	1997888	1997914	-	6	QNVQGV DVR	9
PPUB-1733	Proteomics_pub	1997915	1997956	-	6	VGVGLGTNYEEWLR	14
PPUB-1734	Proteomics_pub	1998008	1998061	-	6	KYDFSTPYTISGIQALVK	18
PPUB-1735	Proteomics_pub	1998065	1998109	-	6	IDVVINQVTISDERK	15
PPUB-1736	Proteomics_pub	1998113	1998145	-	6	WDGMLASLDSK	11
PPUB-1737	Proteomics_pub	1998146	1998181	-	6	HLGVEASLKPTK	12
PPUB-1738	Proteomics_pub	1998224	1998289	-	6	GTLLVGLGEGTYPPFSFQDDGK	22
PPUB-1739	Proteomics_pub	1999445	1999498	-	6	QMLQEMGREPTPEELAER	18
PPUB-1740	Proteomics_pub	2058624	2058662	-	4	GSLYIATHTQAR	13
PPUB-1741	Proteomics_pub	2077122	2077160	-	4	VDDYIIKNAELSK	13
PPUB-1742	Proteomics_pub	2077140	2077178	-	4	GDYEDRVDDYIIK	13
PPUB-1743	Proteomics_pub	2077338	2077385	-	4	METTKPSFQDVLEFVR	16
PPUB-1744	Proteomics_pub	2079813	2079857	-	4	AGYNLVSATGQMR	15
PPUB-1745	Proteomics_pub	2079876	2079920	-	4	NGLLWDNSLNVDGIK	15
PPUB-1746	Proteomics_pub	2083731	2083760	-	4	NPVPQYEDVA	10
PPUB-1747	Proteomics_pub	2084091	2084117	-	4	SFFGYVHPK	9
PPUB-1748	Proteomics_pub	2085054	2085083	-	4	SHNVTPNTSR	10
PPUB-1749	Proteomics_pub	2086436	2086465	-	6	LLGLEPPQFR	10
PPUB-1750	Proteomics_pub	2087000	2087029	-	6	MSGIDSYLLR	10
PPUB-1751	Proteomics_pub	2087030	2087059	-	6	TTQDGVAAAR	10
PPUB-1752	Proteomics_pub	2095348	2095374	-	5	NALRNYNAK	9
PPUB-1753	Proteomics_pub	2095489	2095548	-	5	QNLLDIESLKVDDLDIHAYR	20
PPUB-1754	Proteomics_pub	2095549	2095599	-	5	HEATRPLVFSPNYYQTR	17
PPUB-1755	Proteomics_pub	2095747	2095776	-	5	TQEVVAQEQK	10
PPUB-1756	Proteomics_pub	2095801	2095830	-	5	DLKDNIALGR	10
PPUB-1757	Proteomics_pub	2095831	2095884	-	5	LAQYIQQVDDKVNQELEK	18
PPUB-1758	Proteomics_pub	2095852	2095884	-	5	LAQYIQQVDDK	11
PPUB-1759	Proteomics_pub	2095972	2096031	-	5	FSSAFSALAETLDNQEEREK	20
PPUB-1760	Proteomics_pub	2096032	2096064	-	5	VSDLQETLIGR	11
PPUB-1761	Proteomics_pub	2097889	2097918	-	5	EGVFHTEWLD	10
PPUB-1762	Proteomics_pub	2097889	2097927	-	5	IDKEGVFHTEWLD	13
PPUB-1763	Proteomics_pub	2097928	2097957	-	5	DYFGAHTYKR	10
PPUB-1764	Proteomics_pub	2097931	2097957	-	5	DYFGAHTYK	9
PPUB-1765	Proteomics_pub	2097931	2097957	-	5	DYFGAHTYK	9

PPUB-1766	Proteomics_pub	2097958	2097996	-	5	AAVLPANLIQAQR	13
PPUB-1767	Proteomics_pub	2098078	2098110	-	5	QIADDYQQALR	11
PPUB-1768	Proteomics_pub	2098111	2098173	-	5	ITDAYAENPQIANLLLAPYFK	21
PPUB-1769	Proteomics_pub	2098219	2098269	-	5	AASEEYNWDLNYGEIAK	17
PPUB-1770	Proteomics_pub	2098270	2098305	-	5	IVSYAQGFSQLR	12
PPUB-1771	Proteomics_pub	2098270	2098305	-	5	IVSYAQGFSQLR	12
PPUB-1772	Proteomics_pub	2098333	2098389	-	5	VLSGPQAQPAGDKAEFIEK	19
PPUB-1773	Proteomics_pub	2098351	2098389	-	5	VLSGPQAQPAGDK	13
PPUB-1774	Proteomics_pub	2098405	2098431	-	5	YISSLKDQR	9
PPUB-1775	Proteomics_pub	2098405	2098431	-	5	YISSLKDQR	9
PPUB-1776	Proteomics_pub	2098432	2098500	-	5	WTSQSALDLGEPLSLITESVFAR	23
PPUB-1777	Proteomics_pub	2098513	2098566	-	5	DEDGNYLVDVILDEAANK	18
PPUB-1778	Proteomics_pub	2098513	2098569	-	5	KDEDGNYLVDVILDEAANK	19
PPUB-1779	Proteomics_pub	2098585	2098677	-	5	GGLNLTNEELAQTFTWNNGELSSYLIDITK	31
PPUB-1780	Proteomics_pub	2098678	2098743	-	5	MVHNGIEYGDMLIAEAYSLLK	22
PPUB-1781	Proteomics_pub	2098744	2098818	-	5	IAAVAEDGEPCVITYIGADGAGHYVK	25
PPUB-1782	Proteomics_pub	2098819	2098854	-	5	EAYELVAPILTK	12
PPUB-1783	Proteomics_pub	2098855	2098884	-	5	GPSIMPGGQK	10
PPUB-1784	Proteomics_pub	2098885	2098953	-	5	ELSAEGFNFIGTGVSGGEEGALK	23
PPUB-1785	Proteomics_pub	2098885	2098959	-	5	NRELSAEGFNFIGTGVSGGEEGALK	25
PPUB-1786	Proteomics_pub	2098960	2099013	-	5	GDIIIDGGNTFFQDTIRR	18
PPUB-1787	Proteomics_pub	2098963	2099013	-	5	GDIIIDGGNTFFQDTIR	17
PPUB-1788	Proteomics_pub	2099014	2099067	-	5	AGAGTDAAIDSLKPYLDK	18
PPUB-1789	Proteomics_pub	2099086	2099142	-	5	LVPYYTVQEFVESLETPRR	19
PPUB-1790	Proteomics_pub	2099086	2099118	-	5	EFVESLETPRR	11
PPUB-1791	Proteomics_pub	2099089	2099118	-	5	EFVESLETPR	10
PPUB-1792	Proteomics_pub	2099089	2099142	-	5	LVPYYTVKEFVESLETPR	18
PPUB-1793	Proteomics_pub	2099119	2099145	-	5	KLVPYYTVK	9
PPUB-1794	Proteomics_pub	2099119	2099142	-	5	LVPYYTVK	8
PPUB-1795	Proteomics_pub	2099143	2099178	-	5	TEEVIAENPGKK	12
PPUB-1796	Proteomics_pub	2099143	2099178	-	5	TEEVIAENPGKK	12
PPUB-1797	Proteomics_pub	2099146	2099184	-	5	EKTEEVIAENPGK	13
PPUB-1798	Proteomics_pub	2099146	2099178	-	5	TEEVIAENPGK	11
PPUB-1799	Proteomics_pub	2099191	2099217	-	5	GYTVSIFNR	9
PPUB-1800	Proteomics_pub	2099218	2099244	-	5	NLALNIESR	9
PPUB-1801	Proteomics_pub	2099218	2099244	-	5	NLALNIESR	9
PPUB-1802	Proteomics_pub	2099245	2099283	-	5	QQIGVVGMAMVGR	13
PPUB-1803	Proteomics_pub	2099245	2099289	-	5	SKQQIGVVGMAMVGR	15
PPUB-1804	Proteomics_pub	2099245	2099283	-	5	QQIGVVGMAMVGR	13
PPUB-1805	Proteomics_pub	2099245	2099289	-	5	SKQQIGVVGMAMVGR	15
PPUB-1806	Proteomics_pub	2102566	2102634	-	5	IGAGSVVLQVPVPHHTAAGVPAR	23
PPUB-1807	Proteomics_pub	2103098	2103130	-	6	DVLEEVIDDLK	11
PPUB-1808	Proteomics_pub	2103236	2103262	-	6	IGYAVGSIK	9
PPUB-1809	Proteomics_pub	2103263	2103295	-	6	AALADFIVDNR	11
PPUB-1810	Proteomics_pub	2103449	2103484	-	6	YLGSFDAQSPEK	12
PPUB-1811	Proteomics_pub	2103566	2103595	-	6	GVIYAGNLSR	10

PPUB-1812	Proteomics_pub	2103617	2103655	-	6	IFDYLVSSDVEHR	13
PPUB-1813	Proteomics_pub	2103776	2103811	-	6	IVPLIHDIDELR	12
PPUB-1814	Proteomics_pub	2105271	2105318	-	4	YYDMHQVISAALYQVK	16
PPUB-1815	Proteomics_pub	2105334	2105360	-	4	EDKVIFGGR	9
PPUB-1816	Proteomics_pub	2105403	2105441	-	4	VGDEPYYPVNDNK	13
PPUB-1817	Proteomics_pub	2105481	2105504	-	4	HFDYVETK	8
PPUB-1818	Proteomics_pub	2105634	2105675	-	4	IIYTGPIDQYFDYR	14
PPUB-1819	Proteomics_pub	2105766	2105798	-	4	YQGIPVGGYTK	11
PPUB-1820	Proteomics_pub	2105799	2105831	-	4	FTFDNNYFSDR	11
PPUB-1821	Proteomics_pub	2105907	2105975	-	4	VPENLEEQAISLVGEDLYQALIK	23
PPUB-1822	Proteomics_pub	2105994	2106032	-	4	DPQEAQNIINAQK	13
PPUB-1823	Proteomics_pub	2106093	2106122	-	4	FTNSPLAIYK	10
PPUB-1824	Proteomics_pub	2107623	2107649	-	4	LFTLDELIR	9
PPUB-1825	Proteomics_pub	2107839	2107871	-	4	WVGVLSSADNK	11
PPUB-1826	Proteomics_pub	2108234	2108260	-	6	GFIDVEQVR	9
PPUB-1827	Proteomics_pub	2108264	2108293	-	6	VSCPEEIAFR	10
PPUB-1828	Proteomics_pub	2108429	2108458	-	6	GELEITDINR	10
PPUB-1829	Proteomics_pub	2108429	2108458	-	6	GELEITDINR	10
PPUB-1830	Proteomics_pub	2108540	2108584	-	6	NGTAISLEEKPLEPK	15
PPUB-1831	Proteomics_pub	2108585	2108608	-	6	YGVVEFDK	8
PPUB-1832	Proteomics_pub	2108609	2108656	-	6	ESGATVFAYHVNDPER	16
PPUB-1833	Proteomics_pub	2108801	2108854	-	6	FQQLLGDGSQWGLNLQYK	18
PPUB-1834	Proteomics_pub	2108855	2108893	-	6	DILIISTPQDTPR	13
PPUB-1835	Proteomics_pub	2108894	2108965	-	6	EMLPIVDKPMIQYIVDEIVAAGIK	24
PPUB-1836	Proteomics_pub	2108966	2108995	-	6	LYPVTMAVSK	10
PPUB-1837	Proteomics_pub	2108996	2109028	-	6	GIILAGGSGTR	11
PPUB-1838	Proteomics_pub	2108996	2109028	-	6	GIILAGGSGTR	11
PPUB-1839	Proteomics_pub	2109140	2109190	-	6	FQQNFALVLPDWQVGVK	17
PPUB-1840	Proteomics_pub	2109224	2109265	-	6	LNAVPTTAYPTPAR	14
PPUB-1841	Proteomics_pub	2109947	2109976	-	6	TGQVGVWELQR	10
PPUB-1842	Proteomics_pub	2110003	2110050	-	5	SGAYQSWIEQNYEGRQ	16
PPUB-1843	Proteomics_pub	2110069	2110098	-	5	TVEWYLSNTK	10
PPUB-1844	Proteomics_pub	2110102	2110146	-	5	ALGWKPQETFESGIR	15
PPUB-1845	Proteomics_pub	2110147	2110176	-	5	YAIDAEKIGR	10
PPUB-1846	Proteomics_pub	2110237	2110290	-	5	NIDVVLTICDLLDEIVPK	18
PPUB-1847	Proteomics_pub	2110294	2110332	-	5	AGETYNIGGHNEK	13
PPUB-1848	Proteomics_pub	2110333	2110362	-	5	ALYTVVTEGK	10
PPUB-1849	Proteomics_pub	2110429	2110467	-	5	LIPLVILNALEGK	13
PPUB-1850	Proteomics_pub	2110717	2110749	-	5	NYWSALDSDKK	11
PPUB-1851	Proteomics_pub	2110885	2110932	-	5	YVFEHADICDAPAMAR	16
PPUB-1852	Proteomics_pub	2110933	2110965	-	5	ESLADVSDSER	11
PPUB-1853	Proteomics_pub	2110966	2111031	-	5	HIINNTQDSVVNVDKLTYAGNR	22
PPUB-1854	Proteomics_pub	2110987	2111031	-	5	HIINNTQDSVVNVDK	15
PPUB-1855	Proteomics_pub	2111515	2111553	-	5	LGVMQAFVEYGIR	13
PPUB-1856	Proteomics_pub	2111608	2111646	-	5	IQLTDAIAELAKK	13
PPUB-1857	Proteomics_pub	2111611	2111646	-	5	IQLTDAIAELAK	12

PPUB-1858	Proteomics_pub	2111671	2111709	-	5	YVLSADIWPLAK	13
PPUB-1859	Proteomics_pub	2111710	2111778	-	5	IVEFIEKPDQPQLDSDIMAVGR	23
PPUB-1860	Proteomics_pub	2111812	2111853	-	5	MPGDLSEYSVIQTK	14
PPUB-1861	Proteomics_pub	2111893	2111919	-	5	YNLAAMIAR	9
PPUB-1862	Proteomics_pub	2112043	2112102	-	5	QLLDEVQSICPPHVTIMQVR	20
PPUB-1863	Proteomics_pub	2112172	2112201	-	5	EILLVTHASK	10
PPUB-1864	Proteomics_pub	2112202	2112273	-	5	EMLPIVDKPMIQYIVDEIVAAGIK	24
PPUB-1865	Proteomics_pub	2112286	2112336	-	5	AVIPVAGLGMHMLPATK	17
PPUB-1866	Proteomics_pub	2120254	2120292	-	5	ADLGIAFDGDGDR	13
PPUB-1867	Proteomics_pub	2127531	2127569	-	4	WVLVELGGNDGLR	13
PPUB-1868	Proteomics_pub	2130109	2130177	-	5	IGAGSVVLQVPVPHHTAAGVPAR	23
PPUB-1869	Proteomics_pub	2140192	2140221	-	5	DIEAWLDEGR	10
PPUB-1870	Proteomics_pub	2140394	2140420	-	6	QYADIIVPR	9
PPUB-1871	Proteomics_pub	2164823	2164867	-	6	HELNIVQNNFVDHR	15
PPUB-1872	Proteomics_pub	2169905	2169937	-	6	GSFESFAQAVR	11
PPUB-1873	Proteomics_pub	2169938	2169970	-	6	KLSLEPLIAHR	11
PPUB-1874	Proteomics_pub	2170307	2170339	-	6	SVTAIDISSEK	11
PPUB-1875	Proteomics_pub	2170766	2170804	-	6	IASSGLCGSDLPR	13
PPUB-1876	Proteomics_pub	2170829	2170858	-	6	VAESVIPEIK	10
PPUB-1877	Proteomics_pub	2170859	2170891	-	6	SVVNDTDGIVR	11
PPUB-1878	Proteomics_pub	2171473	2171514	-	5	VIKPIDGLTPIAK	14
PPUB-1879	Proteomics_pub	2172328	2172402	-	5	SFGDIPLVHGMPPFISGIGIEALQNK	25
PPUB-1880	Proteomics_pub	2172412	2172468	-	5	VNEIETYMDGVHLICTTAK	19
PPUB-1881	Proteomics_pub	2172469	2172516	-	5	ELCQNHNPVELIQCR	16
PPUB-1882	Proteomics_pub	2172658	2172714	-	5	LQQPDIVETLITLPETQLK	19
PPUB-1883	Proteomics_pub	2172829	2172864	-	5	SSAIYLLRPTNK	12
PPUB-1884	Proteomics_pub	2172943	2172984	-	5	GVVHDTWPQALIAR	14
PPUB-1885	Proteomics_pub	2172985	2173026	-	5	SEVLTHIGNEMLAK	14
PPUB-1886	Proteomics_pub	2173084	2173107	-	5	AYRYGCAE	8
PPUB-1887	Proteomics_pub	2173126	2173176	-	5	IQSGELSAIPHQLIMDK	17
PPUB-1888	Proteomics_pub	2173318	2173350	-	5	TGFNDSLDIR	11
PPUB-1889	Proteomics_pub	2173420	2173476	-	5	EAIFALAQIEQELIAPENR	19
PPUB-1890	Proteomics_pub	2173477	2173506	-	5	VGPALTFALR	10
PPUB-1891	Proteomics_pub	2173552	2173590	-	5	MVYEAHSTDYQTR	13
PPUB-1892	Proteomics_pub	2173912	2173983	-	5	IHLDASMSCAGDPIPLAPETVAER	24
PPUB-1893	Proteomics_pub	2173999	2174028	-	5	SVELVKEYVR	10
PPUB-1894	Proteomics_pub	2174029	2174100	-	5	IILGGDHLGPNCWQQENADAAMEK	24
PPUB-1895	Proteomics_pub	2174122	2174148	-	5	EFVFTIADK	9
PPUB-1896	Proteomics_pub	2174375	2174407	-	6	VIADCGCEGRA	11
PPUB-1897	Proteomics_pub	2174378	2174407	-	6	VIADCGCEGR	10
PPUB-1898	Proteomics_pub	2174579	2174632	-	6	QWVNLPLVLHGASGLSTK	18
PPUB-1899	Proteomics_pub	2174849	2174872	-	6	EVVDFCHR	8
PPUB-1900	Proteomics_pub	2174879	2174929	-	6	SVMIDASHLPFAQNISR	17
PPUB-1901	Proteomics_pub	2175738	2175767	-	4	YQLANCYMGR	10
PPUB-1902	Proteomics_pub	2175768	2175800	-	4	LTSNPIDLVR	11
PPUB-1903	Proteomics_pub	2176434	2176472	-	4	VMIDNNRPPAVLR	13

PPUB-1904	Proteomics_pub	2181864	2181920	-	4	NTHGTGCTLSAALAALRPR	19
PPUB-1905	Proteomics_pub	2181921	2181947	-	4	FTAPRIMTK	9
PPUB-1906	Proteomics_pub	2182739	2182777	-	6	IIGIHGGDPLMTK	13
PPUB-1907	Proteomics_pub	2182997	2183053	-	6	SSQTPWTLDPVAVGALDYR	19
PPUB-1908	Proteomics_pub	2191162	2191215	-	5	GTPTVISRPESEFTAIYR	18
PPUB-1909	Proteomics_pub	2191777	2191827	-	5	SSTAVNLALALAAEGAK	17
PPUB-1910	Proteomics_pub	2191963	2191989	-	5	EQCSAELLR	9
PPUB-1911	Proteomics_pub	2192101	2192148	-	5	AMVAGTLANFQHPTLK	16
PPUB-1912	Proteomics_pub	2192149	2192190	-	5	MNEQSQAKSPEALR	14
PPUB-1913	Proteomics_pub	2214830	2214871	-	6	TIVFISHDLDEAMR	14
PPUB-1914	Proteomics_pub	2214920	2214988	-	6	ALAINPDILLMDEAFSALDPLIR	23
PPUB-1915	Proteomics_pub	2215004	2215039	-	6	YPLHLSGGQQQR	12
PPUB-1916	Proteomics_pub	2217099	2217152	-	4	LIWLTAPAPANNTWTIAVR	18
PPUB-1917	Proteomics_pub	2218416	2218445	-	4	TDITIPQSQR	10
PPUB-1918	Proteomics_pub	2218740	2218784	-	4	SATIAVVGPLADSKR	15
PPUB-1919	Proteomics_pub	2218971	2219003	-	4	VTMAELDDAAR	11
PPUB-1920	Proteomics_pub	2219661	2219702	-	4	IPLFFAYDVLHGQR	14
PPUB-1921	Proteomics_pub	2219754	2219792	-	4	DGQVGAI FNTVTR	13
PPUB-1922	Proteomics_pub	2219817	2219846	-	4	LISVGPDPNK	10
PPUB-1923	Proteomics_pub	2219883	2219909	-	4	DAFVTELLK	9
PPUB-1924	Proteomics_pub	2241060	2241107	-	4	DATSATTTTSLGGLFK	16
PPUB-1925	Proteomics_pub	2241213	2241254	-	4	IVQFFAQR PQVQR	14
PPUB-1926	Proteomics_pub	2241567	2241620	-	4	GLETPLRPPVHEMDNETR	18
PPUB-1927	Proteomics_pub	2241621	2241656	-	4	EAALVHEALVAR	12
PPUB-1928	Proteomics_pub	2242875	2242901	-	4	AGVLNLGDK	9
PPUB-1929	Proteomics_pub	2243127	2243159	-	4	LSINYTYNDGR	11
PPUB-1930	Proteomics_pub	2243184	2243210	-	4	IQGVETELK	9
PPUB-1931	Proteomics_pub	2243217	2243252	-	4	RIPVFSYYNVNK	12
PPUB-1932	Proteomics_pub	2243643	2243678	-	4	IFEPLALTTGVR	12
PPUB-1933	Proteomics_pub	2243679	2243723	-	4	TSASQYALFVEDEWR	15
PPUB-1934	Proteomics_pub	2243724	2243765	-	4	LSDAVNLTGGTSSK	14
PPUB-1935	Proteomics_pub	2243832	2243897	-	4	VENKNPGNSSPITSESNTVDGK	22
PPUB-1936	Proteomics_pub	2243913	2243939	-	4	WDYGTSELK	9
PPUB-1937	Proteomics_pub	2244318	2244380	-	4	GPMS SLYGSDALGGVVNIITK	21
PPUB-1938	Proteomics_pub	2244318	2244362	-	4	YGPQSVGGVVNFVTR	15
PPUB-1939	Proteomics_pub	2244318	2244362	-	4	YGNGAAGGVVNIITK	15
PPUB-1940	Proteomics_pub	2244396	2244443	-	4	HNDFDLNWIPVDSIER	16
PPUB-1941	Proteomics_pub	2244459	2244515	-	4	GMGPENTLILIDGKPVSSR	19
PPUB-1942	Proteomics_pub	2244471	2244515	-	4	GLDSSYTLILVDGKR	15
PPUB-1943	Proteomics_pub	2244474	2244515	-	4	GLDSSYTLILVDGK	14
PPUB-1944	Proteomics_pub	2244531	2244575	-	4	EVPGVQLTNEGDNRK	15
PPUB-1945	Proteomics_pub	2277981	2278031	-	4	DLTKPAVLEVITPTQVR	17
PPUB-1946	Proteomics_pub	2278323	2278385	-	4	LLPEHDVAYDGNPLAQQHGPR	21
PPUB-1947	Proteomics_pub	2278461	2278490	-	4	FIAQQQLGVS R	10
PPUB-1948	Proteomics_pub	2303313	2303345	-	4	VSSPQWQATLK	11
PPUB-1949	Proteomics_pub	2303922	2303954	-	4	LLQESGIPEAK	11

PPUB-1950	Proteomics_pub	2309671	2309724	-	5	DAGINTDNIVALGLVYQF	18
PPUB-1951	Proteomics_pub	2309725	2309757	-	5	INLLDDNQFTR	11
PPUB-1952	Proteomics_pub	2309758	2309784	-	5	NMSTYVDYK	9
PPUB-1953	Proteomics_pub	2309785	2309820	-	5	YVDVGATYYFNK	12
PPUB-1954	Proteomics_pub	2309866	2309943	-	5	AQNFEAVAQYQFDFGLRPSLAYLQSK	26
PPUB-1955	Proteomics_pub	2309944	2309970	-	5	VGSLGWANK	9
PPUB-1956	Proteomics_pub	2309971	2310030	-	5	YDANNIYLAAQYTQTYNATR	20
PPUB-1957	Proteomics_pub	2310031	2310057	-	5	AETYTGGLK	9
PPUB-1958	Proteomics_pub	2310031	2310102	-	5	TDAQNTAAYIGNGDRAETYTGGLK	24
PPUB-1959	Proteomics_pub	2310058	2310105	-	5	RTDAQNTAAYIGNGDR	16
PPUB-1960	Proteomics_pub	2310058	2310102	-	5	TDAQNTAAYIGNGDR	15
PPUB-1961	Proteomics_pub	2310187	2310252	-	5	NGNPSGEGFTSGVTNNGRDALR	22
PPUB-1962	Proteomics_pub	2310199	2310252	-	5	NGNPSGEGFTSGVTNNGR	18
PPUB-1963	Proteomics_pub	2310253	2310312	-	5	NTDFFGLVDGLNFAVQYQGK	20
PPUB-1964	Proteomics_pub	2310253	2310312	-	5	NSNFFGLVDGLNFAVQYLGK	20
PPUB-1965	Proteomics_pub	2310433	2310465	-	5	FQDVGSFDYGR	11
PPUB-1966	Proteomics_pub	2310433	2310486	-	5	VAFAGLKFQDVGSFDYGR	18
PPUB-1967	Proteomics_pub	2310433	2310486	-	5	LAFAGLKYADVGSFDYGR	18
PPUB-1968	Proteomics_pub	2310433	2310465	-	5	YADVGSFDYGR	11
PPUB-1969	Proteomics_pub	2310598	2310627	-	5	DVDGDQTYMR	10
PPUB-1970	Proteomics_pub	2310598	2310660	-	5	VDGLHYFSDNKDVDGDQTYMR	21
PPUB-1971	Proteomics_pub	2310628	2310660	-	5	VDGLHYFSDNK	11
PPUB-1972	Proteomics_pub	2310661	2310690	-	5	DGNKLDLYGK	10
PPUB-1973	Proteomics_pub	2310661	2310690	-	5	DGNKVDLYGK	10
PPUB-1974	Proteomics_pub	2333053	2333079	-	5	LDALSQQPR	9
PPUB-1975	Proteomics_pub	2334310	2334345	-	5	IVYEHDLTLKDK	12
PPUB-1976	Proteomics_pub	2334929	2334964	-	6	TAEDENVVGLQR	12
PPUB-1977	Proteomics_pub	2334965	2334991	-	6	NTQGVILIR	9
PPUB-1978	Proteomics_pub	2334992	2335024	-	6	TRVSEISIVGR	11
PPUB-1979	Proteomics_pub	2335151	2335177	-	6	TAVAIEYPTK	9
PPUB-1980	Proteomics_pub	2335181	2335225	-	6	GDGAILTATQNGYGK	15
PPUB-1981	Proteomics_pub	2335226	2335267	-	6	LGEGDKVVSIVPR	14
PPUB-1982	Proteomics_pub	2335277	2335306	-	6	AMGCNTTGVR	10
PPUB-1983	Proteomics_pub	2335475	2335507	-	6	VFMATANGTVK	11
PPUB-1984	Proteomics_pub	2335508	2335552	-	6	ITAILPVTEFEEGVK	15
PPUB-1985	Proteomics_pub	2335553	2335597	-	6	GRPIVNLPLEQDER	15
PPUB-1986	Proteomics_pub	2335607	2335633	-	6	VYQLPEATR	9
PPUB-1987	Proteomics_pub	2335655	2335702	-	6	LLVANTHDHILCFSSR	16
PPUB-1988	Proteomics_pub	2335703	2335729	-	6	IKEEDFIDR	9
PPUB-1989	Proteomics_pub	2335760	2335792	-	6	YQPLSEYEAQR	11
PPUB-1990	Proteomics_pub	2335913	2335951	-	6	LMEVIREEELVLR	13
PPUB-1991	Proteomics_pub	2335973	2336005	-	6	ELLDQIAELLR	11
PPUB-1992	Proteomics_pub	2336057	2336110	-	6	DGLYLYLTEQQAAILDLR	18
PPUB-1993	Proteomics_pub	2336111	2336164	-	6	AGDDAARPEWLEPEFGVR	18
PPUB-1994	Proteomics_pub	2336222	2336248	-	6	HAPTPAEAK	9
PPUB-1995	Proteomics_pub	2336249	2336314	-	6	AHILEALAVLANIDPIIELIR	22

PPUB-1996	Proteomics_pub	2336633	2336674	-	6	ETIIVHEIPYQVNK	14
PPUB-1997	Proteomics_pub	2336684	2336713	-	6	ARAEVEVDAK	10
PPUB-1998	Proteomics_pub	2336981	2337022	-	6	ETVDFVDNYDGTEK	14
PPUB-1999	Proteomics_pub	2337023	2337055	-	6	IAHELMADLEK	11
PPUB-2000	Proteomics_pub	2337170	2337214	-	6	YHPHGDSAVYDTIVR	15
PPUB-2001	Proteomics_pub	2337305	2337328	-	6	DGLKPVHR	8
PPUB-2002	Proteomics_pub	2337305	2337346	-	6	ALPFIGDGLKPVQR	14
PPUB-2003	Proteomics_pub	2337347	2337388	-	6	SSYLDYAMSVIVGR	14
PPUB-2004	Proteomics_pub	2337389	2337424	-	6	EITPVNIEEELK	12
PPUB-2005	Proteomics_pub	2374152	2374184	-	4	EMLQNSPMALR	11
PPUB-2006	Proteomics_pub	2374206	2374262	-	4	QALDMGLVNTVVPLADLEK	19
PPUB-2007	Proteomics_pub	2374278	2374304	-	4	AREIWFLCR	9
PPUB-2008	Proteomics_pub	2374278	2374298	-	4	EIWFLCR	7
PPUB-2009	Proteomics_pub	2374323	2374367	-	4	VGSFDGGWGASYMAR	15
PPUB-2010	Proteomics_pub	2374503	2374547	-	4	DDSGVHHLNVLDFQR	15
PPUB-2011	Proteomics_pub	2374575	2374601	-	4	AFCSGGDQK	9
PPUB-2012	Proteomics_pub	2374602	2374649	-	4	YDDNIGVIILTGAGDK	16
PPUB-2013	Proteomics_pub	2374650	2374679	-	4	EMIQALADAR	10
PPUB-2014	Proteomics_pub	2374680	2374706	-	4	NAFRPLTVK	9
PPUB-2015	Proteomics_pub	2376679	2376717	-	5	LGDWVQDDKPWLR	13
PPUB-2016	Proteomics_pub	2377421	2377474	-	6	LFAGAGIVPASSPLGEWR	18
PPUB-2017	Proteomics_pub	2378972	2379022	-	6	IDDDLTLSETLEEVL	17
PPUB-2018	Proteomics_pub	2378972	2379046	-	6	SNQFGDTRIDDLTLSETLEEVL	25
PPUB-2019	Proteomics_pub	2395707	2395754	-	4	IAPYYHLFGSDELSQR	16
PPUB-2020	Proteomics_pub	2395863	2395886	-	4	FQDEVGGK	8
PPUB-2021	Proteomics_pub	2395887	2395943	-	4	SQVPPAWAPGWNSPQAWNK	19
PPUB-2022	Proteomics_pub	2396013	2396039	-	4	ANISVHEPR	9
PPUB-2023	Proteomics_pub	2396100	2396126	-	4	DAAPDATFR	9
PPUB-2024	Proteomics_pub	2396100	2396150	-	4	IPELAGIKDAAPDATFR	17
PPUB-2025	Proteomics_pub	2396238	2396261	-	4	TMLESWR	8
PPUB-2026	Proteomics_pub	2396262	2396300	-	4	FFQVYDPAYYDSK	13
PPUB-2027	Proteomics_pub	2396397	2396429	-	4	APLVMVVDHQR	11
PPUB-2028	Proteomics_pub	2396469	2396507	-	4	ADAVVLENDLHR	13
PPUB-2029	Proteomics_pub	2396586	2396618	-	4	GADVGITMIAR	11
PPUB-2030	Proteomics_pub	2396634	2396705	-	4	KPLIISGTNAGSLEVIQAAANVAK	24
PPUB-2031	Proteomics_pub	2396706	2396741	-	4	IDVIVQALAGAK	12
PPUB-2032	Proteomics_pub	2396742	2396819	-	4	LGFAIAHALDNSAPAVDGIPELQSK	26
PPUB-2033	Proteomics_pub	2397087	2397116	-	4	EGGIYTPALR	10
PPUB-2034	Proteomics_pub	2397144	2397200	-	4	ELVGEENFYTGIAHGEQER	19
PPUB-2035	Proteomics_pub	2397201	2397230	-	4	ASVESNFALR	10
PPUB-2036	Proteomics_pub	2397231	2397257	-	4	KVIGIGSPR	9
PPUB-2037	Proteomics_pub	2397360	2397386	-	4	FGYGYVNLK	9
PPUB-2038	Proteomics_pub	2397738	2397779	-	4	NQDLGPFISHEMNR	14
PPUB-2039	Proteomics_pub	2398339	2398392	-	5	TFCAHAPGAVEPLQSAIK	18
PPUB-2040	Proteomics_pub	2398558	2398617	-	5	LGTALAMAVDHEINMVSLVR	20
PPUB-2041	Proteomics_pub	2398732	2398764	-	5	EILEDYAGGMR	11



PPUB-2042	Proteomics_pub	2398765	2398806	-	5	NPGLWELPFGTTAR	14
PPUB-2043	Proteomics_pub	2398765	2398812	-	5	VKNPGLWELPFGTTAR	16
PPUB-2044	Proteomics_pub	2398999	2399046	-	5	YICGEETALINSLEGR	16
PPUB-2045	Proteomics_pub	2399104	2399142	-	5	AIAEATEAGLLGK	13
PPUB-2046	Proteomics_pub	2399362	2399391	-	5	GGAGFSTGLK	10
PPUB-2047	Proteomics_pub	2399413	2399457	-	5	ALTGLSPDEIVNQVK	15
PPUB-2048	Proteomics_pub	2399530	2399559	-	5	TPETHPLTWR	10
PPUB-2049	Proteomics_pub	2399700	2399741	-	4	KLNIKPGQTTFDGR	14
PPUB-2050	Proteomics_pub	2399700	2399738	-	4	LNIKPGQTTFDGR	13
PPUB-2051	Proteomics_pub	2399742	2399804	-	4	YCDSVVCHINGYQGIQAALK	21
PPUB-2052	Proteomics_pub	2400149	2400193	-	6	TPSFAHLQQIPAAIR	15
PPUB-2053	Proteomics_pub	2400482	2400559	-	6	ARPYSGYENFDFEIPVGGGVSDCYTR	26
PPUB-2054	Proteomics_pub	2400563	2400589	-	6	ATGIDFDVR	9
PPUB-2055	Proteomics_pub	2400590	2400628	-	6	EALEWGTTGAGLR	13
PPUB-2056	Proteomics_pub	2400629	2400658	-	6	SQGVAAYGAK	10
PPUB-2057	Proteomics_pub	2400713	2400736	-	6	EFLDWMPK	8
PPUB-2058	Proteomics_pub	2400758	2400787	-	6	IGGVAHDLPR	10
PPUB-2059	Proteomics_pub	2400974	2401000	-	6	LAGITVPDR	9
PPUB-2060	Proteomics_pub	2401319	2401351	-	6	ATEFSPFELTK	11
PPUB-2061	Proteomics_pub	2401463	2401492	-	6	LFPNANWYER	10
PPUB-2062	Proteomics_pub	2401493	2401537	-	6	VALAENDLHVPTFTK	15
PPUB-2063	Proteomics_pub	2401559	2401615	-	6	EGLPAADFSVIFYHLISIDR	19
PPUB-2064	Proteomics_pub	2401685	2401717	-	6	EQLLEVGDFLK	11
PPUB-2065	Proteomics_pub	2401685	2401720	-	6	REQLLEVGDFLK	12
PPUB-2066	Proteomics_pub	2401721	2401747	-	6	TGVPVVWIK	9
PPUB-2067	Proteomics_pub	2401748	2401783	-	6	FGPDAFTVQATR	12
PPUB-2068	Proteomics_pub	2401790	2401825	-	6	DHLDDPVIGELR	12
PPUB-2069	Proteomics_pub	2401976	2402011	-	6	IAVTNLRTPDEI	12
PPUB-2070	Proteomics_pub	2402054	2402095	-	6	RPLSWVVGDAQGVYR	14
PPUB-2071	Proteomics_pub	2402273	2402299	-	6	LYDQMLEPK	9
PPUB-2072	Proteomics_pub	2402531	2402572	-	6	QEIVTDPLEQEVNK	14
PPUB-2073	Proteomics_pub	2402573	2402614	-	6	IDPNGENDRYPLQK	14
PPUB-2074	Proteomics_pub	2402660	2402692	-	6	MNPETNSIANR	11
PPUB-2075	Proteomics_pub	2402708	2402737	-	6	IGALDWTPAR	10
PPUB-2076	Proteomics_pub	2402912	2402956	-	6	NVPFESGIDSVGSAR	15
PPUB-2077	Proteomics_pub	2410125	2410169	-	4	QYHLSANEINQIINA	15
PPUB-2078	Proteomics_pub	2410170	2410199	-	4	MLNVWHACPR	10
PPUB-2079	Proteomics_pub	2410269	2410292	-	4	FMVNVEGR	8
PPUB-2080	Proteomics_pub	2410311	2410352	-	4	RVTFGLGFDAATEAR	14
PPUB-2081	Proteomics_pub	2410311	2410349	-	4	VTFLGFDAATEAR	13
PPUB-2082	Proteomics_pub	2410533	2410568	-	4	MMTMLDPANAER	12
PPUB-2083	Proteomics_pub	2416659	2416697	-	4	NAKNEAVETETAE	13
PPUB-2084	Proteomics_pub	2416866	2416937	-	4	EAEELGIAGVPFAEHGQFYFEDK	24
PPUB-2085	Proteomics_pub	2417118	2417183	-	4	LASTEWVDIVNEENEVIAQASR	22
PPUB-2086	Proteomics_pub	2417358	2417402	-	4	GEIFHFNPGSVSIPK	15
PPUB-2087	Proteomics_pub	2417646	2417678	-	4	NALPEGYAPAK	11

PPUB-2088	Proteomics_pub	2422052	2422087	-	6	YPLHLSGGQQQR	12
PPUB-2089	Proteomics_pub	2424031	2424060	-	5	KYFDFDVYGG	10
PPUB-2090	Proteomics_pub	2424145	2424177	-	5	LFGVGTGMGLR	11
PPUB-2091	Proteomics_pub	2424178	2424207	-	5	FGGPSVKDEK	10
PPUB-2092	Proteomics_pub	2424232	2424282	-	5	IDAAFQDEVAASEGFLK	17
PPUB-2093	Proteomics_pub	2424346	2424408	-	5	RVGVLQGTQTETFGNEHWAPK	21
PPUB-2094	Proteomics_pub	2424415	2424450	-	5	NSDIQPTVESLK	12
PPUB-2095	Proteomics_pub	2424487	2424513	-	5	QQEIAFTDK	9
PPUB-2096	Proteomics_pub	2424487	2424516	-	5	RQQEIAFTDK	10
PPUB-2097	Proteomics_pub	2424640	2424684	-	5	NSQGELVGFIDDLAK	15
PPUB-2098	Proteomics_pub	2424685	2424723	-	5	IGTDTTYAPFSSK	13
PPUB-2099	Proteomics_pub	2424685	2424723	-	5	IGTDPYAPFESK	13
PPUB-2100	Proteomics_pub	2425148	2425180	-	6	YFGDGTGVGLR	11
PPUB-2101	Proteomics_pub	2425235	2425285	-	6	IDAAFQDEVAASEGFLK	17
PPUB-2102	Proteomics_pub	2425418	2425453	-	6	GSPIQPTLDSLK	12
PPUB-2103	Proteomics_pub	2425490	2425519	-	6	RQQEIAFTDK	10
PPUB-2104	Proteomics_pub	2425688	2425726	-	6	IGTDTTYAPFSSK	13
PPUB-2105	Proteomics_pub	2425688	2425726	-	6	IGTDPYAPFESK	13
PPUB-2106	Proteomics_pub	2426746	2426784	-	5	QNEVENLEMHNEG	13
PPUB-2107	Proteomics_pub	2426854	2426916	-	5	AENPDIQQFECSVFNGVYVTK	21
PPUB-2108	Proteomics_pub	2427058	2427090	-	5	VYLASAAPEIR	11
PPUB-2109	Proteomics_pub	2427109	2427144	-	5	GTTSEQUIEMAR	12
PPUB-2110	Proteomics_pub	2427145	2427177	-	5	NVLLVDDSIVR	11
PPUB-2111	Proteomics_pub	2427232	2427261	-	5	TFIMPGQQLR	10
PPUB-2112	Proteomics_pub	2428084	2428119	-	5	ANGLVSDVFEAR	12
PPUB-2113	Proteomics_pub	2428129	2428179	-	5	GQDAAGIITIDANNCFR	17
PPUB-2114	Proteomics_pub	2431082	2431120	-	6	LMNLPAPNPEAPR	13
PPUB-2115	Proteomics_pub	2431256	2431282	-	6	ALIGFAGPR	9
PPUB-2116	Proteomics_pub	2431709	2431768	-	6	LHSLLEDEGSLVELGSELEPK	20
PPUB-2117	Proteomics_pub	2431871	2431900	-	6	ASIPEGVWTK	10
PPUB-2118	Proteomics_pub	2434138	2434170	-	5	AVDALAGQSAK	11
PPUB-2119	Proteomics_pub	2434174	2434215	-	5	ISVTSLISASAQ GK	14
PPUB-2120	Proteomics_pub	2434528	2434554	-	5	NESAGEQLR	9
PPUB-2121	Proteomics_pub	2434944	2434982	-	4	ITLHGPLDQPTLK	13
PPUB-2122	Proteomics_pub	2435046	2435078	-	4	GTTQVFEAYSK	11
PPUB-2123	Proteomics_pub	2435196	2435249	-	4	GAVVDNTALLTCLNEGQK	18
PPUB-2124	Proteomics_pub	2435250	2435288	-	4	SLKPGAILINACR	13
PPUB-2125	Proteomics_pub	2435337	2435372	-	4	ADILTFHTPLFK	12
PPUB-2126	Proteomics_pub	2435523	2435546	-	4	DGFSLYDR	8
PPUB-2127	Proteomics_pub	2435835	2435867	-	4	ILVDENMPYAR	11
PPUB-2128	Proteomics_pub	2438575	2438643	-	5	SMTGHLLGAAGAVESIYSILALR	23
PPUB-2129	Proteomics_pub	2438644	2438685	-	5	EVFGDKSPAISATK	14
PPUB-2130	Proteomics_pub	2438668	2438703	-	5	ELAAIREVFGDK	12
PPUB-2131	Proteomics_pub	2438704	2438781	-	5	MAMHGVDTPIDYLNHSGTSTPVGDKV	26
PPUB-2132	Proteomics_pub	2438791	2438880	-	5	GAHIYAEIVGYGATSDGADMVAPSGEGAVR	30
PPUB-2133	Proteomics_pub	2438881	2438949	-	5	DGFVIAGGGGMVVVELEHALAR	23

PPUB-2134	Proteomics_pub	2438968	2438997	-	5	YNDTPEKASR	10
PPUB-2135	Proteomics_pub	2438977	2438997	-	5	YNDTPEK	7
PPUB-2136	Proteomics_pub	2439085	2439174	-	5	IHGVNYSISSACATSAHCIGNAVEQIQLGK	30
PPUB-2137	Proteomics_pub	2439175	2439219	-	5	AMASGVSACLATPFK	15
PPUB-2138	Proteomics_pub	2439220	2439246	-	5	AVGPYVVTK	9
PPUB-2139	Proteomics_pub	2439265	2439294	-	5	FQVFGADAMR	10
PPUB-2140	Proteomics_pub	2439295	2439333	-	5	VGLIAGSGGGSPR	13
PPUB-2141	Proteomics_pub	2439439	2439468	-	5	LDTTGLIDRK	10
PPUB-2142	Proteomics_pub	2439442	2439468	-	5	LDTTGLIDR	9
PPUB-2143	Proteomics_pub	2439469	2439492	-	5	SHVWGNVK	8
PPUB-2144	Proteomics_pub	2439508	2439537	-	5	SGITFSQELK	10
PPUB-2145	Proteomics_pub	2439538	2439618	-	5	AVITGLGIVSSIGNNQEVLASLREGR	27
PPUB-2146	Proteomics_pub	2439547	2439618	-	5	AVITGLGIVSSIGNNQEVLASLR	24
PPUB-2147	Proteomics_pub	2439547	2439621	-	5	RAVITGLGIVSSIGNNQEVLASLR	25
PPUB-2148	Proteomics_pub	2441973	2442002	-	4	AIGAGELSPR	10
PPUB-2149	Proteomics_pub	2445070	2445108	-	5	ETAMRVAAGATAK	13
PPUB-2150	Proteomics_pub	2445463	2445492	-	5	AGNTIGQLFR	10
PPUB-2151	Proteomics_pub	2446091	2446120	-	6	SPIGELINNK	10
PPUB-2152	Proteomics_pub	2446175	2446201	-	6	IPVAYLTNK	9
PPUB-2153	Proteomics_pub	2446400	2446453	-	6	IFVDEAVNELQTIQDMLR	18
PPUB-2154	Proteomics_pub	2458738	2458776	-	5	ITPTFTEESDQVR	13
PPUB-2155	Proteomics_pub	2458807	2458845	-	5	AEAEQTLAALTEK	13
PPUB-2156	Proteomics_pub	2462388	2462417	-	4	QSSDPYIMVR	10
PPUB-2157	Proteomics_pub	2462418	2462450	-	4	AQLLDSDGLLR	11
PPUB-2158	Proteomics_pub	2462451	2462477	-	4	WTLEGIETR	9
PPUB-2159	Proteomics_pub	2462919	2462945	-	4	SDPLEGFNR	9
PPUB-2160	Proteomics_pub	2491172	2491195	-	6	WFGADVTK	8
PPUB-2161	Proteomics_pub	2500651	2500689	-	5	WTGMCGELAGDER	13
PPUB-2162	Proteomics_pub	2501107	2501133	-	5	EENPFLGWR	9
PPUB-2163	Proteomics_pub	2501134	2501184	-	5	TMDIGGDKELPYMNFPAK	17
PPUB-2164	Proteomics_pub	2501161	2501184	-	5	TMDIGGDK	8
PPUB-2165	Proteomics_pub	2501227	2501292	-	5	TEFLFMDRDALPTEEEQFAAYK	22
PPUB-2166	Proteomics_pub	2501293	2501343	-	5	DVEGAERNGAEGVGLYR	17
PPUB-2167	Proteomics_pub	2501293	2501322	-	5	NGAEGVGLYR	10
PPUB-2168	Proteomics_pub	2506615	2506647	-	5	FLEFFKASGFR	11
PPUB-2169	Proteomics_pub	2506849	2506884	-	5	VLSGPGLVNLVYR	12
PPUB-2170	Proteomics_pub	2506885	2506914	-	5	AEIGHVSAER	10
PPUB-2171	Proteomics_pub	2507401	2507439	-	5	YALVGDVGGTNAR	13
PPUB-2172	Proteomics_pub	2517282	2517317	-	4	ALDFIAERENQQ	12
PPUB-2173	Proteomics_pub	2517345	2517407	-	4	VAVTGAGQSPALDVTVHAIGK	21
PPUB-2174	Proteomics_pub	2517426	2517512	-	4	LAAITDWTAEVHHAIQATADELEVGMGK	29
PPUB-2175	Proteomics_pub	2517561	2517608	-	4	YFYEDFAEFDADAACK	16
PPUB-2176	Proteomics_pub	2517564	2517608	-	4	YFYEDFAEFDADAACK	15
PPUB-2177	Proteomics_pub	2517660	2517689	-	4	NGPQLADLVK	10
PPUB-2178	Proteomics_pub	2517789	2517815	-	4	SASAFNTDK	9
PPUB-2179	Proteomics_pub	2517816	2517842	-	4	YFTLNAVSK	9

PPUB-2180	Proteomics_pub	2517858	2517896	-	4	LGWSHGDQEIFTR	13
PPUB-2181	Proteomics_pub	2517897	2517941	-	4	DDGYLPEALLNYLVR	15
PPUB-2182	Proteomics_pub	2517942	2517971	-	4	HGAVSVMQYR	10
PPUB-2183	Proteomics_pub	2517942	2517974	-	4	RHGAVSVMQYR	11
PPUB-2184	Proteomics_pub	2518068	2518097	-	4	GEDHINNTPR	10
PPUB-2185	Proteomics_pub	2518176	2518271	-	4	FANPQEGSVVFDQIRGPIEFNSNQELDDLIR	32
PPUB-2186	Proteomics_pub	2518176	2518223	-	4	GPIEFNSNQELDDLIR	16
PPUB-2187	Proteomics_pub	2518224	2518271	-	4	FANPQEGSVVFDQIR	16
PPUB-2188	Proteomics_pub	2518272	2518316	-	4	HSHEHHADDEPCVVR	15
PPUB-2189	Proteomics_pub	2518350	2518382	-	4	LEALREEQMAK	11
PPUB-2190	Proteomics_pub	2518404	2518451	-	4	YNAVIDQMLEEGTAYK	16
PPUB-2191	Proteomics_pub	2518602	2518631	-	4	TALYSWLFAR	10
PPUB-2192	Proteomics_pub	2518632	2518676	-	4	FAPSPTGYLHVGGAR	15
PPUB-2193	Proteomics_pub	2527749	2527790	-	4	GDGTTGEDITSNVR	14
PPUB-2194	Proteomics_pub	2527977	2528015	-	4	VGAAPLAAFSQIR	13
PPUB-2195	Proteomics_pub	2534918	2534947	-	6	ILAEWLTALR	10
PPUB-2196	Proteomics_pub	2535230	2535256	-	6	SSLLLLFNDK	9
PPUB-2197	Proteomics_pub	2537357	2537440	-	6	GVLPKPGVELVEPTSGNTGIALAYVAAAR	28
PPUB-2198	Proteomics_pub	2537357	2537443	-	6	RGVLPKPGVELVEPTSGNTGIALAYVAAAR	29
PPUB-2199	Proteomics_pub	2538321	2538389	-	4	ALAINPDILLMDEAFSALDPLIR	23
PPUB-2200	Proteomics_pub	2538405	2538440	-	4	YPLHLSGGQQQR	12
PPUB-2201	Proteomics_pub	2538405	2538449	-	4	AHHYPSELSGGQQQR	15
PPUB-2202	Proteomics_pub	2538714	2538755	-	4	GAIVGIIGPNGAGK	14
PPUB-2203	Proteomics_pub	2542079	2542108	-	6	VNAICPGYVR	10
PPUB-2204	Proteomics_pub	2542109	2542144	-	6	SLAVEYAQSGIR	12
PPUB-2205	Proteomics_pub	2542574	2542624	-	6	TALITGALQGIGEGIAR	17
PPUB-2206	Proteomics_pub	2547683	2547733	-	6	FTKPVTGGYFAPSLDK	17
PPUB-2207	Proteomics_pub	2547914	2547976	-	6	TKEANEIIDGDERPETSHLTR	21
PPUB-2208	Proteomics_pub	2548103	2548159	-	6	DLSGFVDGTENPAGEETRR	19
PPUB-2209	Proteomics_pub	2548316	2548372	-	6	ALSGGVGAEELEKDFPGYGK	19
PPUB-2210	Proteomics_pub	2548337	2548372	-	6	ALSGGVGAEELEK	12
PPUB-2211	Proteomics_pub	2548526	2548564	-	6	SQVQSGILPEHCR	13
PPUB-2212	Proteomics_pub	2555343	2555369	-	4	RAGDPSLFF	9
PPUB-2213	Proteomics_pub	2556057	2556089	-	4	VLDTIYGVIDK	11
PPUB-2214	Proteomics_pub	2569018	2569104	-	5	AAVSSGKPAIGVGAGNTPVVIDETADIKR	29
PPUB-2215	Proteomics_pub	2569504	2569545	-	5	MAVAESGMGIVEDK	14
PPUB-2216	Proteomics_pub	2574459	2574515	-	4	VALLSHSNFGSSDCPSSSK	19
PPUB-2217	Proteomics_pub	2574762	2574809	-	4	ALISNPTVIGAIMVQR	16
PPUB-2218	Proteomics_pub	2574810	2574836	-	4	GVTQEQAQR	9
PPUB-2219	Proteomics_pub	2574843	2574875	-	4	EYWTEYFQIMK	11
PPUB-2220	Proteomics_pub	2575038	2575070	-	4	RVVLPEGEEAR	11
PPUB-2221	Proteomics_pub	2575038	2575070	-	4	RIVLPEGDEPR	11
PPUB-2222	Proteomics_pub	2575083	2575121	-	4	TNLFMKPIFSQAR	13
PPUB-2223	Proteomics_pub	2575368	2575412	-	4	GALDVGATAINEEMK	15
PPUB-2224	Proteomics_pub	2575503	2575562	-	4	APMILALANPEPEILPLAK	20
PPUB-2225	Proteomics_pub	2575599	2575658	-	4	RTLDDVIEGADIFLGCSPK	20

PPUB-2226	Proteomics_pub	2575656	2575688	-	4	AAYAVVDDGKR	11
PPUB-2227	Proteomics_pub	2575734	2575760	-	4	HNIVVCDISK	9
PPUB-2228	Proteomics_pub	2576301	2576339	-	4	IQVSPTKPLATQR	13
PPUB-2229	Proteomics_pub	2581625	2581663	-	6	GSDLVVTAIAEGR	13
PPUB-2230	Proteomics_pub	2582093	2582137	-	6	VVVLGGGDTAMDCVR	15
PPUB-2231	Proteomics_pub	2582198	2582266	-	6	GLENEDADGVYAALPFLIANTK	23
PPUB-2232	Proteomics_pub	2582717	2582776	-	6	IFEAAELSHQTNTLPEVCGR	20
PPUB-2233	Proteomics_pub	2594951	2594995	-	6	QSLGGLIEAYEAVAR	15
PPUB-2234	Proteomics_pub	2595044	2595088	-	6	GEVVLGDEFSPDGSR	15
PPUB-2235	Proteomics_pub	2595110	2595151	-	6	KLFDDAGLILVDFK	14
PPUB-2236	Proteomics_pub	2595206	2595271	-	6	NDAMHDPMVNESYCETFGWVSK	22
PPUB-2237	Proteomics_pub	2595272	2595328	-	6	LGIEEGIELNPPLFDLFLK	19
PPUB-2238	Proteomics_pub	2595272	2595331	-	6	RLGIEEGIELNPPLFDLFLK	20
PPUB-2239	Proteomics_pub	2595359	2595394	-	6	KLDMVPVECVVR	12
PPUB-2240	Proteomics_pub	2595359	2595391	-	6	LDMVPVECVVR	11
PPUB-2241	Proteomics_pub	2595395	2595424	-	6	LLSDTECLVK	10
PPUB-2242	Proteomics_pub	2595425	2595460	-	6	LAEAGIPTQMER	12
PPUB-2243	Proteomics_pub	2595461	2595484	-	6	FNYFIMSK	8
PPUB-2244	Proteomics_pub	2595554	2595601	-	6	TVYSTENPDLLVLEFR	16
PPUB-2245	Proteomics_pub	2595856	2595921	-	5	GHTLTQSQNDALVAVFQAAFSK	22
PPUB-2246	Proteomics_pub	2595922	2595948	-	5	SSLQFIDPK	9
PPUB-2247	Proteomics_pub	2595949	2595975	-	5	LQVGDLDNR	9
PPUB-2248	Proteomics_pub	2595976	2596074	-	5	SQGNMAVITYKPLSDSDWQELGASDPGLASGDYK	33
PPUB-2249	Proteomics_pub	2596075	2596104	-	5	VGMKVTDSTR	10
PPUB-2250	Proteomics_pub	2596126	2596152	-	5	GPFNVVWQR	9
PPUB-2251	Proteomics_pub	2596219	2596254	-	5	SATDAANAAQNR	12
PPUB-2252	Proteomics_pub	2596300	2596356	-	5	LLNLEQAGKPVADAASMQR	19
PPUB-2253	Proteomics_pub	2596414	2596485	-	5	DDAGQTLTTDWWVQWNRLDEDEQYR	24
PPUB-2254	Proteomics_pub	2596507	2596551	-	5	GNTLWPQVVSVLQAK	15
PPUB-2255	Proteomics_pub	2596552	2596599	-	5	TQFTGDTASLLVENGR	16
PPUB-2256	Proteomics_pub	2596600	2596653	-	5	ALDIRPPAQLALVSGAR	18
PPUB-2257	Proteomics_pub	2596946	2596978	-	6	LPMPITDSGR	11
PPUB-2258	Proteomics_pub	2596979	2597011	-	6	ELGLVATDTLR	11
PPUB-2259	Proteomics_pub	2597024	2597056	-	6	LFVEPNPIPVK	11
PPUB-2260	Proteomics_pub	2597093	2597125	-	6	LAAEGHFAEAR	11
PPUB-2261	Proteomics_pub	2597333	2597368	-	6	TGCDLLPETVGR	12
PPUB-2262	Proteomics_pub	2597369	2597422	-	6	AIAEHTDLPQILYNVPSR	18
PPUB-2263	Proteomics_pub	2597510	2597572	-	6	IPVIAGTGANATAEAISLTQR	21
PPUB-2264	Proteomics_pub	2618286	2618381	-	4	AHPDVELYASIDQGLNEHGYIIPGLGDAGDK	32
PPUB-2265	Proteomics_pub	2618382	2618429	-	4	VLVLVAAPEGIAALEK	16
PPUB-2266	Proteomics_pub	2618451	2618522	-	4	MALIVDPMLATGGSVIATIDLLKK	24
PPUB-2267	Proteomics_pub	2618547	2618585	-	4	NEETLEPVYPYFQK	13
PPUB-2268	Proteomics_pub	2618610	2618660	-	4	AGLGMMDGVLENVPSAR	17
PPUB-2269	Proteomics_pub	2618694	2618741	-	4	VTIEGWNGPVEIDQIK	16
PPUB-2270	Proteomics_pub	2618742	2618807	-	4	ELASEVGSLLTYEATADLETEK	22
PPUB-2271	Proteomics_pub	2628983	2629030	-	6	VVYDISGKPPATIEWE	16

PPUB-2272	Proteomics_pub	2629031	2629060	-	6	IINEVNGISR	10
PPUB-2273	Proteomics_pub	2629031	2629072	-	6	VSNRIINEVNGISR	14
PPUB-2274	Proteomics_pub	2629139	2629165	-	6	KYDWWVSLR	9
PPUB-2275	Proteomics_pub	2629139	2629162	-	6	YDWWVSLR	8
PPUB-2276	Proteomics_pub	2629166	2629192	-	6	SVGVMGDGR	9
PPUB-2277	Proteomics_pub	2629193	2629228	-	6	VSQAFTVFLPVR	12
PPUB-2278	Proteomics_pub	2629250	2629279	-	6	ADAIFIEELR	10
PPUB-2279	Proteomics_pub	2629250	2629282	-	6	RADAIFIEELR	11
PPUB-2280	Proteomics_pub	2629325	2629357	-	6	HPFPGPGLGVR	11
PPUB-2281	Proteomics_pub	2629358	2629399	-	6	IGLELGLPYDMLYR	14
PPUB-2282	Proteomics_pub	2629358	2629402	-	6	KIGLELGLPYDMLYR	15
PPUB-2283	Proteomics_pub	2629460	2629489	-	6	SHHNVGGLPK	10
PPUB-2284	Proteomics_pub	2629505	2629567	-	6	WLAQGTIYPDVIESAASATGK	21
PPUB-2285	Proteomics_pub	2629568	2629618	-	6	VFVEVFDEEALKLEDVK	17
PPUB-2286	Proteomics_pub	2629583	2629618	-	6	VFVEVFDEEALK	12
PPUB-2287	Proteomics_pub	2629634	2629678	-	6	FLSALAGENDPEAKR	15
PPUB-2288	Proteomics_pub	2629637	2629678	-	6	FLSALAGENDPEAK	14
PPUB-2289	Proteomics_pub	2629760	2629798	-	6	NLTCVFDNGLLR	13
PPUB-2290	Proteomics_pub	2629922	2629960	-	6	DICQCEALWTPAK	13
PPUB-2291	Proteomics_pub	2629994	2630035	-	6	FYGVQFHPEVTHTR	14
PPUB-2292	Proteomics_pub	2629994	2630038	-	6	RFYGVQFHPEVTHTR	15
PPUB-2293	Proteomics_pub	2630039	2630119	-	6	VTAIPSDFITVASTESCPFAIMANEK	27
PPUB-2294	Proteomics_pub	2630120	2630188	-	6	GIEDALTADGKPLLDVWMSHGDK	23
PPUB-2295	Proteomics_pub	2630189	2630239	-	6	EFGYAQVEVVNDSALVR	17
PPUB-2296	Proteomics_pub	2630348	2630416	-	6	DFNPSGIILSGGPESTTEENSPR	23
PPUB-2297	Proteomics_pub	2630483	2630530	-	6	ILILDFGSQYTLVAR	16
PPUB-2298	Proteomics_pub	2630629	2630655	-	5	ESPNYRLGS	9
PPUB-2299	Proteomics_pub	2630656	2630709	-	5	ISGAGIQESHVHDVTITK	18
PPUB-2300	Proteomics_pub	2630731	2630775	-	5	SCMGLTGCCTIDELR	15
PPUB-2301	Proteomics_pub	2630776	2630808	-	5	EIIHQMGGLR	11
PPUB-2302	Proteomics_pub	2630776	2630814	-	5	LKEIIHQMGGLR	13
PPUB-2303	Proteomics_pub	2630833	2630859	-	5	LVPEGIEGR	9
PPUB-2304	Proteomics_pub	2630833	2630889	-	5	YFQSDNAADKLVPEGIEGR	19
PPUB-2305	Proteomics_pub	2630860	2630889	-	5	YFQSDNAADK	10
PPUB-2306	Proteomics_pub	2630905	2630934	-	5	GMGSLGAMSK	10
PPUB-2307	Proteomics_pub	2630905	2630943	-	5	SYRGMGSLGAMSK	13
PPUB-2308	Proteomics_pub	2631067	2631168	-	5	IVTGVGVPQITAVADAVEALEGTGIPVIADGGIR	34
PPUB-2309	Proteomics_pub	2631169	2631204	-	5	VGIGPGSVCTTR	12
PPUB-2310	Proteomics_pub	2631169	2631204	-	5	VGIGPGSICTTR	12
PPUB-2311	Proteomics_pub	2631205	2631237	-	5	ALAEAGCSAVK	11
PPUB-2312	Proteomics_pub	2631238	2631297	-	5	AKYPLQIIGGNVATAAGAR	20
PPUB-2313	Proteomics_pub	2631238	2631291	-	5	YPLQIIGGNVATAAGAR	18
PPUB-2314	Proteomics_pub	2631313	2631393	-	5	VDALVAAGVDVLLIDSSHGHSEGLQR	27
PPUB-2315	Proteomics_pub	2631394	2631435	-	5	VGAAGVAGAGNEER	14
PPUB-2316	Proteomics_pub	2631442	2631474	-	5	KPNACKDEQGR	11
PPUB-2317	Proteomics_pub	2631625	2631672	-	5	FVTDLNQPVSVYMPK	16

PPUB-2318	Proteomics_pub	2631682	2631747	-	5	NGFAGYPVVTEENELVGIITGR	22
PPUB-2319	Proteomics_pub	2631772	2631828	-	5	HESGVVTDQPQTLPTTLR	19
PPUB-2320	Proteomics_pub	2631772	2631831	-	5	KHESGVVTDQPQTLPTTLR	20
PPUB-2321	Proteomics_pub	2631841	2631876	-	5	NMSIERQAEVVR	12
PPUB-2322	Proteomics_pub	2631877	2631924	-	5	LAIALAQEGGIGFIHK	16
PPUB-2323	Proteomics_pub	2631925	2631975	-	5	LNIPMLSAAMDTVTEAR	17
PPUB-2324	Proteomics_pub	2631985	2632074	-	5	EALTDDVLLVPAHSTVLPNTADLSTQLTK	30
PPUB-2325	Proteomics_pub	2634095	2634154	-	6	YAHAGGYNPPIVVIHGNQVK	20
PPUB-2326	Proteomics_pub	2634272	2634331	-	6	VHFISALHGSGVGNLFESVR	20
PPUB-2327	Proteomics_pub	2634332	2634355	-	6	LGFIIDFAR	8
PPUB-2328	Proteomics_pub	2634332	2634382	-	6	QASDTIDYSVGFDMAR	17
PPUB-2329	Proteomics_pub	2634665	2634697	-	6	VVYDMPGTTR	11
PPUB-2330	Proteomics_pub	2635067	2635102	-	6	AGLMPADEAIAK	12
PPUB-2331	Proteomics_pub	2635265	2635300	-	6	DALVADFPGLTR	12
PPUB-2332	Proteomics_pub	2635499	2635525	-	6	DGTVYSITR	9
PPUB-2333	Proteomics_pub	2635544	2635591	-	6	VDSSGFQTEPVAADGK	16
PPUB-2334	Proteomics_pub	2635763	2635789	-	6	IYLVQDQNR	9
PPUB-2335	Proteomics_pub	2635790	2635831	-	6	ELGSVNDFIVDGNR	14
PPUB-2336	Proteomics_pub	2635946	2635981	-	6	ISQATGSTEIDR	12
PPUB-2337	Proteomics_pub	2636030	2636089	-	6	GESAPTTAFGAAVVGGDNGR	20
PPUB-2338	Proteomics_pub	2636090	2636128	-	6	WTVNLDMPSSLR	13
PPUB-2339	Proteomics_pub	2636291	2636356	-	6	EPALLSGGVTVSGGHVYIGSEK	22
PPUB-2340	Proteomics_pub	2636375	2636428	-	6	ALNADDGKEIWSVSLAEK	18
PPUB-2341	Proteomics_pub	2636934	2636987	-	4	AAAQLQQGLADTSDENLK	18
PPUB-2342	Proteomics_pub	2637075	2637152	-	4	SASLAYQNAVAVSEGGKPSIPAAEK	26
PPUB-2343	Proteomics_pub	2637338	2637388	-	6	SGEQTAVAQDSVAAHLR	17
PPUB-2344	Proteomics_pub	2637521	2637547	-	6	LRDELPGVK	9
PPUB-2345	Proteomics_pub	2637626	2637664	-	6	LVLLVQAVNPEFK	13
PPUB-2346	Proteomics_pub	2637665	2637703	-	6	ATPAVGFMGLER	13
PPUB-2347	Proteomics_pub	2637704	2637736	-	6	YDGLVEQLGGR	11
PPUB-2348	Proteomics_pub	2637737	2637799	-	6	TVFEWVTNSLGSQGTVCAGGR	21
PPUB-2349	Proteomics_pub	2638031	2638063	-	6	DALVAFLEQHK	11
PPUB-2350	Proteomics_pub	2638259	2638285	-	6	LWYIGPMFR	9
PPUB-2351	Proteomics_pub	2638286	2638327	-	6	AGIEHGLLYNQEQR	14
PPUB-2352	Proteomics_pub	2638328	2638378	-	6	NGDSLTLRPEGTAGCVR	17
PPUB-2353	Proteomics_pub	2638379	2638402	-	6	EMYTFEDR	8
PPUB-2354	Proteomics_pub	2638403	2638435	-	6	AIGEVDVVEK	11
PPUB-2355	Proteomics_pub	2638403	2638438	-	6	RAIGEVDVVEK	12
PPUB-2356	Proteomics_pub	2638439	2638471	-	6	LPIVEQTPLFK	11
PPUB-2357	Proteomics_pub	2638472	2638507	-	6	NVLGSYGYSEIR	12
PPUB-2358	Proteomics_pub	2638526	2638570	-	6	GMNDYLPGETAIWQR	15
PPUB-2359	Proteomics_pub	2638711	2638737	-	5	RIDVQQVEK	9
PPUB-2360	Proteomics_pub	2639002	2639037	-	5	GINFIACPTCSR	12
PPUB-2361	Proteomics_pub	2639080	2639115	-	5	VSLAADPVVEIK	12
PPUB-2362	Proteomics_pub	2639248	2639283	-	5	ASDVFLAVESYR	12
PPUB-2363	Proteomics_pub	2639398	2639427	-	5	IGVNAGSLEK	10

PPUB-2364	Proteomics_pub	2639476	2639508	-	5	INPGNIGNEER	11
PPUB-2365	Proteomics_pub	2639509	2639538	-	5	VAEYGVDCLE	10
PPUB-2366	Proteomics_pub	2639608	2639646	-	5	VSVPTMDAAEAFK	13
PPUB-2367	Proteomics_pub	2639668	2639715	-	5	TTDVEATVNQIKALER	16
PPUB-2368	Proteomics_pub	2639680	2639715	-	5	TTDVEATVNQIK	12
PPUB-2369	Proteomics_pub	2639916	2639975	-	4	IGAPAAVQIQYQGKPVLSR	20
PPUB-2370	Proteomics_pub	2639982	2640020	-	4	DGNLNLGTGQAPYK	13
PPUB-2371	Proteomics_pub	2639982	2640023	-	4	KDGNLNLGTGQAPYK	14
PPUB-2372	Proteomics_pub	2640681	2640713	-	4	APADLASTFLR	11
PPUB-2373	Proteomics_pub	2640681	2640731	-	4	DIEEDKAPADLASTFLR	17
PPUB-2374	Proteomics_pub	2640759	2640797	-	4	EQLGLSQQAVAER	13
PPUB-2375	Proteomics_pub	2640813	2640866	-	4	MNTEATHDQNEALTTGAR	18
PPUB-2376	Proteomics_pub	2641160	2641186	-	6	MQGEAIDIK	9
PPUB-2377	Proteomics_pub	2641343	2641390	-	6	INLIPWNPFGAPYGR	16
PPUB-2378	Proteomics_pub	2641643	2641684	-	6	VTLSTSGVVPALDK	14
PPUB-2379	Proteomics_pub	2641844	2641873	-	6	VSEIIGQVWR	10
PPUB-2380	Proteomics_pub	2641883	2641915	-	6	FCSTAQQGFNR	11
PPUB-2381	Proteomics_pub	2641997	2642023	-	6	WAIAVGDQR	9
PPUB-2382	Proteomics_pub	2642045	2642071	-	6	APEVVEEQR	9
PPUB-2383	Proteomics_pub	2642264	2642302	-	6	SEQLVTPENVTTK	13
PPUB-2384	Proteomics_pub	2642464	2642505	-	5	EIAYFFGEGEVCP	14
PPUB-2385	Proteomics_pub	2642506	2642574	-	5	ADYADSLTENGTHGSDSVESAAR	23
PPUB-2386	Proteomics_pub	2642575	2642625	-	5	DLLGATNPANALAGTLR	17
PPUB-2387	Proteomics_pub	2642575	2642631	-	5	HRDLLGATNPANALAGTLR	19
PPUB-2388	Proteomics_pub	2642743	2642772	-	5	MLHLTVEQAR	10
PPUB-2389	Proteomics_pub	2642809	2642835	-	5	NVIGNIFAR	9
PPUB-2390	Proteomics_pub	2642836	2642871	-	5	TFSIIPNAVAK	12
PPUB-2391	Proteomics_pub	2653124	2653171	-	6	APVEQWSAGATGLGVR	16
PPUB-2392	Proteomics_pub	2653124	2653174	-	6	KAPVEQWSAGATGLGVR	17
PPUB-2393	Proteomics_pub	2653349	2653390	-	6	LLASAAQENEPFWR	14
PPUB-2394	Proteomics_pub	2653538	2653615	-	6	AYRPGDVLTTMSGQTVEVLNTDAEGR	26
PPUB-2395	Proteomics_pub	2653538	2653573	-	6	KVEVMNTDAEGR	12
PPUB-2396	Proteomics_pub	2653583	2653606	-	6	LGDIITYR	8
PPUB-2397	Proteomics_pub	2653760	2653795	-	6	GITFDSSGGYSIK	12
PPUB-2398	Proteomics_pub	2653796	2653828	-	6	EAPVYACLVGK	11
PPUB-2399	Proteomics_pub	2653958	2653993	-	6	AVDLISNVAGDR	12
PPUB-2400	Proteomics_pub	2653994	2654047	-	6	DTINAPAEELGPSQLAQR	18
PPUB-2401	Proteomics_pub	2654048	2654071	-	6	LMIIDWVR	8
PPUB-2402	Proteomics_pub	2654171	2654209	-	6	HVQLSGEGWDADR	13
PPUB-2403	Proteomics_pub	2654243	2654317	-	6	ATYSINNDGITLHLNGADDLGLIQR	25
PPUB-2404	Proteomics_pub	2654330	2654362	-	6	ITLSTQPADAR	11
PPUB-2405	Proteomics_pub	2654603	2654674	-	6	FTDMHQWICDLEDFFDDDPQASNEK	24
PPUB-2406	Proteomics_pub	2654684	2654731	-	6	EIGEALYDAYPDLDPK	16
PPUB-2407	Proteomics_pub	2654800	2654835	-	5	VTDEDLVVEIPR	12
PPUB-2408	Proteomics_pub	2654854	2654880	-	5	AWGLEPESR	9
PPUB-2409	Proteomics_pub	2654881	2654937	-	5	EGFDSLPESEQEDDMLDK	19



PPUB-2410	Proteomics_pub	2654938	2654973	-	5	SCACTTCHCIVR	12
PPUB-2411	Proteomics_pub	2655007	2655096	-	5	IVILPHQDLCPDGAVLEANSGETILDAALR	30
PPUB-2412	Proteomics_pub	2655629	2655703	-	6	HSQVFSTAEDNQSAVTIHVLQGERK	25
PPUB-2413	Proteomics_pub	2655632	2655703	-	6	HSQVFSTAEDNQSAVTIHVLQGER	24
PPUB-2414	Proteomics_pub	2655725	2655805	-	6	DVLLLDVTPLSLGIETMGGVMTLIAK	27
PPUB-2415	Proteomics_pub	2656031	2656066	-	6	EQFNELIAPLVK	12
PPUB-2416	Proteomics_pub	2656133	2656162	-	6	ELLDAAIAAK	10
PPUB-2417	Proteomics_pub	2656184	2656207	-	6	EQAGIPDR	8
PPUB-2418	Proteomics_pub	2656208	2656252	-	6	IGGDRFDEAIINYVR	15
PPUB-2419	Proteomics_pub	2656367	2656417	-	6	RIINEPTAAALAYGLDK	17
PPUB-2420	Proteomics_pub	2656697	2656744	-	6	TNAALDTANTISSVKR	16
PPUB-2421	Proteomics_pub	2656700	2656744	-	6	TNAALDTANTISSVK	15
PPUB-2422	Proteomics_pub	2656808	2656846	-	6	SGQAETLADHEGR	13
PPUB-2423	Proteomics_pub	2656904	2656954	-	6	ALLQISEPGLSAAPHQR	17
PPUB-2424	Proteomics_pub	2657403	2657453	-	4	YQLDTQALSRLFQDLQR	17
PPUB-2425	Proteomics_pub	2657421	2657453	-	4	YQLDTQALSRLR	11
PPUB-2426	Proteomics_pub	2657454	2657489	-	4	MDYFTLFGPAR	12
PPUB-2427	Proteomics_pub	2657588	2657620	-	6	DECGCGESFHV	11
PPUB-2428	Proteomics_pub	2657588	2657641	-	6	FTNPNVKDECGCGESFHV	18
PPUB-2429	Proteomics_pub	2657666	2657707	-	6	SLQFLDGTQLDFVK	14
PPUB-2430	Proteomics_pub	2657873	2657905	-	6	SITLSDSAAAR	11
PPUB-2431	Proteomics_pub	2657967	2658002	-	4	IHCSILAEDAIAK	12
PPUB-2432	Proteomics_pub	2658003	2658044	-	4	NTDIAEELPPVK	14
PPUB-2433	Proteomics_pub	2658078	2658134	-	4	TYGCGSAIASSSLVTEWVK	19
PPUB-2434	Proteomics_pub	2658141	2658173	-	4	VNDEGIIEDAR	11
PPUB-2435	Proteomics_pub	2658186	2658266	-	4	NVGSFDNNDENVGSGMVGAPACGDVMK	27
PPUB-2436	Proteomics_pub	2658267	2658293	-	4	VIDHYENPR	9
PPUB-2437	Proteomics_pub	2658342	2658380	-	4	QGVDLNSIEWAHH	13
PPUB-2438	Proteomics_pub	2658381	2658410	-	4	DLSPLWEMYK	10
PPUB-2439	Proteomics_pub	2658381	2658416	-	4	LRDLSPLWEMYK	12
PPUB-2440	Proteomics_pub	2658492	2658533	-	4	ALGLNDELAHSSIR	14
PPUB-2441	Proteomics_pub	2658534	2658599	-	4	DLAVSSGSACTASASLEPSYVLR	22
PPUB-2442	Proteomics_pub	2658747	2658782	-	4	IAKEEMATEMER	12
PPUB-2443	Proteomics_pub	2658783	2658833	-	4	SGTLPVHQIVGMGEAYR	17
PPUB-2444	Proteomics_pub	2658843	2658878	-	4	IEAQMHHGGGHER	12
PPUB-2445	Proteomics_pub	2658843	2658884	-	4	VRIEAQMHHGGGHER	14
PPUB-2446	Proteomics_pub	2658936	2658965	-	4	VDLMSFSGHK	10
PPUB-2447	Proteomics_pub	2658966	2659034	-	4	GIYHVDATQSVGKLPIDLSQLK	23
PPUB-2448	Proteomics_pub	2658966	2658992	-	4	LPIDLSQLK	9
PPUB-2449	Proteomics_pub	2658993	2659034	-	4	GIYHVDATQSVGK	14
PPUB-2450	Proteomics_pub	2659170	2659205	-	4	EGFEVTYLAPQR	12
PPUB-2451	Proteomics_pub	2659278	2659301	-	4	GAANFYQK	8
PPUB-2452	Proteomics_pub	2659353	2659388	-	4	NQIADLVGADPR	12
PPUB-2453	Proteomics_pub	2659389	2659427	-	4	FGWQAEAEVDIAR	13
PPUB-2454	Proteomics_pub	2659437	2659487	-	4	MMQFMTMDGTFGNPASR	17
PPUB-2455	Proteomics_pub	2659500	2659547	-	4	LPIYLDYSATTPVDPR	16

PPUB-2456	Proteomics_pub	2659500	2659553	-	4	MKLPYLDYSATTPVDPR	18
PPUB-2457	Proteomics_pub	2659881	2659946	-	4	DASSIAVGEVISAVDESVDATR	22
PPUB-2458	Proteomics_pub	2659947	2659976	-	4	GPGGGYLLGK	10
PPUB-2459	Proteomics_pub	2660010	2660051	-	4	QGISLSYLEQLFSR	14
PPUB-2460	Proteomics_pub	2660623	2660655	-	5	GILASIEQQNK	11
PPUB-2461	Proteomics_pub	2660656	2660691	-	5	ARPESQELNLR	12
PPUB-2462	Proteomics_pub	2660965	2660994	-	5	VGLTNEELQK	10
PPUB-2463	Proteomics_pub	2660995	2661048	-	5	SVAEAANTPVALVFRER	18
PPUB-2464	Proteomics_pub	2661001	2661048	-	5	SVAEAANTPVALVFR	16
PPUB-2465	Proteomics_pub	2661277	2661327	-	5	IVLVETSHTGNMGSVAR	17
PPUB-2466	Proteomics_pub	2673013	2673054	-	5	ADVVDCTDNMATR	14
PPUB-2467	Proteomics_pub	2682279	2682314	-	4	VLDICARYPVYA	12
PPUB-2468	Proteomics_pub	2682327	2682389	-	4	ELAGWMCDVLDSINDEAVIER	21
PPUB-2469	Proteomics_pub	2682441	2682491	-	4	NSVPNDPKSPFVTSGIR	17
PPUB-2470	Proteomics_pub	2682441	2682467	-	4	SPFVTSGIR	9
PPUB-2471	Proteomics_pub	2682468	2682491	-	4	NSVPNDPK	8
PPUB-2472	Proteomics_pub	2682513	2682551	-	4	NLTGKEADAALGR	13
PPUB-2473	Proteomics_pub	2682552	2682605	-	4	VVSGGTDNHLFLVDLVDK	18
PPUB-2474	Proteomics_pub	2682606	2682641	-	4	AMVEVFLERGYK	12
PPUB-2475	Proteomics_pub	2682615	2682641	-	4	AMVEVFLER	9
PPUB-2476	Proteomics_pub	2682675	2682698	-	4	EAMEPEFK	8
PPUB-2477	Proteomics_pub	2682714	2682779	-	4	KLNSAVFPGGQGGPLMHVIAGK	22
PPUB-2478	Proteomics_pub	2682714	2682776	-	4	LNSAVFPGGQGGPLMHVIAGK	21
PPUB-2479	Proteomics_pub	2682777	2682803	-	4	GGSEELYKK	9
PPUB-2480	Proteomics_pub	2682975	2683025	-	4	MIIGGFSAYSGVVDWAK	17
PPUB-2481	Proteomics_pub	2683050	2683115	-	4	LYNIVPYGIDATGHIDYADLEK	22
PPUB-2482	Proteomics_pub	2683287	2683340	-	4	YYGGCEYVDIVEQLAIDR	18
PPUB-2483	Proteomics_pub	2683341	2683367	-	4	YAEGYPGKR	9
PPUB-2484	Proteomics_pub	2683344	2683367	-	4	YAEGYPGK	8
PPUB-2485	Proteomics_pub	2683368	2683403	-	4	VMQAQGSQLTNK	12
PPUB-2486	Proteomics_pub	2683404	2683454	-	4	QEEHIELIASENYTSR	17
PPUB-2487	Proteomics_pub	2683404	2683460	-	4	VRQEEHIELIASENYTSR	19
PPUB-2488	Proteomics_pub	2683461	2683517	-	4	EMNIADYDAELWQAMEQEK	19
PPUB-2489	Proteomics_pub	2683461	2683520	-	4	REMNIADYDAELWQAMEQEK	20
PPUB-2490	Proteomics_pub	2685095	2685127	-	6	IRTGEEDDAI	11
PPUB-2491	Proteomics_pub	2685194	2685250	-	6	IEIIVPDDIVDTCVDTIIR	19
PPUB-2492	Proteomics_pub	2685257	2685289	-	6	GAEYMVDFLPK	11
PPUB-2493	Proteomics_pub	2689921	2689953	-	5	DAAHLAALLESK	11
PPUB-2494	Proteomics_pub	2689966	2690061	-	5	FSLVEVTQSPSLLLQGMVGSQMPIAVSHGEGR	32
PPUB-2495	Proteomics_pub	2690329	2690379	-	5	AGFDAIDVHMSDLLTGR	17
PPUB-2496	Proteomics_pub	2690443	2690505	-	5	LSFDINEDVAAPYIATGARPK	21
PPUB-2497	Proteomics_pub	2690506	2690538	-	5	SNDADPGLNVK	11
PPUB-2498	Proteomics_pub	2690539	2690583	-	5	LRDNPECADQEHQAK	15
PPUB-2499	Proteomics_pub	2690935	2690973	-	5	GFYDAIQALVAQR	13
PPUB-2500	Proteomics_pub	2691022	2691066	-	5	GNNALGATALAQVYR	15
PPUB-2501	Proteomics_pub	2691145	2691189	-	5	EMTSPLSLVISAFAR	15

PPUB-2502	Proteomics_pub	2691238	2691291	-	5	AVGEELCPALGLTIPVGK	18
PPUB-2503	Proteomics_pub	2691292	2691360	-	5	LSANWMAAAGHPGEDAGLYEAVK	23
PPUB-2504	Proteomics_pub	2691367	2691426	-	5	LAVGEALTNIAATQIGDIKR	20
PPUB-2505	Proteomics_pub	2691370	2691426	-	5	LAVGEALTNIAATQIGDIK	19
PPUB-2506	Proteomics_pub	2691427	2691465	-	5	APVALLDFAASAR	13
PPUB-2507	Proteomics_pub	2691592	2691618	-	5	TFLVTIGDR	9
PPUB-2508	Proteomics_pub	2691652	2691681	-	5	EGITIADAVK	10
PPUB-2509	Proteomics_pub	2691742	2691792	-	5	HFDNQPIDLPLDVLLGK	17
PPUB-2510	Proteomics_pub	2691862	2691915	-	5	YVLAVAADQLPLFDELCK	18
PPUB-2511	Proteomics_pub	2691916	2691981	-	5	EILSDEPGMSPLEIWCNESQER	22
PPUB-2512	Proteomics_pub	2692303	2692350	-	5	GYHKPIMLAGGIGNIR	16
PPUB-2513	Proteomics_pub	2692351	2692380	-	5	VNSHNGEELR	10
PPUB-2514	Proteomics_pub	2692492	2692542	-	5	IPGFQWEEEDFGKPER	17
PPUB-2515	Proteomics_pub	2692543	2692578	-	5	AGLVGFSVSNLR	12
PPUB-2516	Proteomics_pub	2692690	2692728	-	5	YDFHQEPAHILMK	13
PPUB-2517	Proteomics_pub	2692729	2692755	-	5	YFADHETGR	9
PPUB-2518	Proteomics_pub	2692756	2692794	-	5	DNAAVMEGSEVGR	13
PPUB-2519	Proteomics_pub	2692795	2692839	-	5	NTFETTPDHVLSAYK	15
PPUB-2520	Proteomics_pub	2692861	2692905	-	5	IFNADWVIDGEQQPK	15
PPUB-2521	Proteomics_pub	2693035	2693061	-	5	QALIDANLR	9
PPUB-2522	Proteomics_pub	2693164	2693241	-	5	GVAYYIEAGTLTNEQWQQVTAELHDR	26
PPUB-2523	Proteomics_pub	2693251	2693295	-	5	ATDIAHNCGLQQVNR	15
PPUB-2524	Proteomics_pub	2693521	2693547	-	5	GSPALSAFR	9
PPUB-2525	Proteomics_pub	2699149	2699187	-	5	VNAGHGLTYHNVK	13
PPUB-2526	Proteomics_pub	2699188	2699220	-	5	AATFAASLGLK	11
PPUB-2527	Proteomics_pub	2699230	2699262	-	5	TDAEQAQELAR	11
PPUB-2528	Proteomics_pub	2699413	2699457	-	5	QEVTTGGLDVAGQR	15
PPUB-2529	Proteomics_pub	2699413	2699460	-	5	RQEVTTGGLDVAGQR	16
PPUB-2530	Proteomics_pub	2699701	2699748	-	5	AELLGVMNIDHIATLR	16
PPUB-2531	Proteomics_pub	2701657	2701683	-	5	LILNWFYQTR	9
PPUB-2532	Proteomics_pub	2701828	2701854	-	5	GNTLAELAR	9
PPUB-2533	Proteomics_pub	2702062	2702085	-	5	MNPVIVNR	8
PPUB-2534	Proteomics_pub	2703644	2703673	-	6	VDALALITHR	10
PPUB-2535	Proteomics_pub	2703674	2703700	-	6	VDVLINGER	9
PPUB-2536	Proteomics_pub	2703728	2703757	-	6	GYASLDYNFK	10
PPUB-2537	Proteomics_pub	2703947	2703979	-	6	LPAVNNIYELR	11
PPUB-2538	Proteomics_pub	2703980	2704009	-	6	EVIYVDSPSK	10
PPUB-2539	Proteomics_pub	2704130	2704198	-	6	LSLNDASLFYEPESSSALGFGFR	23
PPUB-2540	Proteomics_pub	2704214	2704276	-	6	VKPQVYAGLFPVSSDDYEAFR	21
PPUB-2541	Proteomics_pub	2704313	2704357	-	6	DIHGAPVGDTLTLAR	15
PPUB-2542	Proteomics_pub	2704358	2704393	-	6	CGEVGWLVCIAIK	12
PPUB-2543	Proteomics_pub	2704439	2704474	-	6	VMSTGQTYNADR	12
PPUB-2544	Proteomics_pub	2704622	2704654	-	6	TGVGVQDVLER	11
PPUB-2545	Proteomics_pub	2704721	2704750	-	6	IDLPAADPER	10
PPUB-2546	Proteomics_pub	2704877	2704930	-	6	INIIDTPGHVDFFTIEVER	18
PPUB-2547	Proteomics_pub	2704877	2704954	-	6	ASDGETYQLNFIDTPGHVDFSIEVSR	26

PPUB-2548	Proteomics_pub	2704877	2704930	-	6	INIVDTPGHADFGGEVER	18
PPUB-2549	Proteomics_pub	2704955	2704981	-	6	AQSVTLDYK	9
PPUB-2550	Proteomics_pub	2705096	2705131	-	6	NFSIIAHIDHGK	12
PPUB-2551	Proteomics_pub	2705096	2705131	-	6	NIAIIAHVDHGK	12
PPUB-2552	Proteomics_pub	2706378	2706413	-	4	LSPYYDFISVGR	12
PPUB-2553	Proteomics_pub	2707996	2708031	-	5	SEQLTDQVLVER	12
PPUB-2554	Proteomics_pub	2714124	2714153	-	4	FNSLTPEQQR	10
PPUB-2555	Proteomics_pub	2714175	2714207	-	4	HPEKYPQLTIR	11
PPUB-2556	Proteomics_pub	2714175	2714231	-	4	EMLLDAMENPEKYPQLTIR	19
PPUB-2557	Proteomics_pub	2714196	2714231	-	4	ETLEDAVKHPEK	12
PPUB-2558	Proteomics_pub	2714208	2714234	-	4	RETLEDAVK	9
PPUB-2559	Proteomics_pub	2714232	2714273	-	4	VEGGQHNLNVNVLRR	14
PPUB-2560	Proteomics_pub	2714235	2714273	-	4	VEGGQHNLNVNVLRR	13
PPUB-2561	Proteomics_pub	2714274	2714306	-	4	EVPVEVKPEVR	11
PPUB-2562	Proteomics_pub	2714328	2714366	-	4	AGYAEDEVVAVSK	13
PPUB-2563	Proteomics_pub	2714382	2714444	-	4	AANDDLLNSFWLLDSEKGEAR	21
PPUB-2564	Proteomics_pub	2714394	2714444	-	4	AANDDLLNSFWLLDSEK	17
PPUB-2565	Proteomics_pub	2714394	2714471	-	4	MITGIQITKAANDDLLNSFWLLDSEK	26
PPUB-2566	Proteomics_pub	2714445	2714471	-	4	MITGIQITK	9
PPUB-2567	Proteomics_pub	2715696	2715752	-	4	QAGYTVVTTSSSEQGKPLFK	19
PPUB-2568	Proteomics_pub	2716059	2716094	-	4	AYHVVDDEAELTK	12
PPUB-2569	Proteomics_pub	2716134	2716163	-	4	AWFIQSVTPR	10
PPUB-2570	Proteomics_pub	2716164	2716223	-	4	VYGENACQALFQSRPEAIVR	20
PPUB-2571	Proteomics_pub	2716245	2716274	-	4	SFIDPEVLRR	10
PPUB-2572	Proteomics_pub	2722659	2722685	-	4	AEMFPAQVR	9
PPUB-2573	Proteomics_pub	2723088	2723120	-	4	QLDETSQQETR	11
PPUB-2574	Proteomics_pub	2723736	2723765	-	4	AESTVTADSK	10
PPUB-2575	Proteomics_pub	2729739	2729792	-	4	LLENGYDPVYGARPLKR	18
PPUB-2576	Proteomics_pub	2729793	2729828	-	4	GYEIHISDEALK	12
PPUB-2577	Proteomics_pub	2729928	2729981	-	4	ELVLGVVSHNFRPEFINR	18
PPUB-2578	Proteomics_pub	2729982	2730011	-	4	FGELDYAHMK	10
PPUB-2579	Proteomics_pub	2730081	2730152	-	4	AHPDVFNILLQVLDDGRLTDGQGR	24
PPUB-2580	Proteomics_pub	2730102	2730152	-	4	AHPDVFNILLQVLDDGR	17
PPUB-2581	Proteomics_pub	2730153	2730191	-	4	RPYSVILLDEVEK	13
PPUB-2582	Proteomics_pub	2730153	2730194	-	4	RRPYSVILLDEVEK	14
PPUB-2583	Proteomics_pub	2730363	2730431	-	4	AGLADPNRPIGSFLFLGPTGVGK	23
PPUB-2584	Proteomics_pub	2730363	2730398	-	4	NILMIGPTGVGK	12
PPUB-2585	Proteomics_pub	2730438	2730488	-	4	VIGQNEAVDAVSNAIRR	17
PPUB-2586	Proteomics_pub	2730441	2730488	-	4	VIGQNEAVDAVSNAIR	16
PPUB-2587	Proteomics_pub	2730489	2730512	-	4	MEQELHHR	8
PPUB-2588	Proteomics_pub	2730546	2730569	-	4	WTGIPVSR	8
PPUB-2589	Proteomics_pub	2730570	2730611	-	4	NKVTDAAEIAEVLAR	14
PPUB-2590	Proteomics_pub	2730570	2730605	-	4	VTDAEIAEVLAR	12
PPUB-2591	Proteomics_pub	2730630	2730662	-	4	QLEAATQLEGK	11
PPUB-2592	Proteomics_pub	2730768	2730797	-	4	ASLSGTQTIK	10
PPUB-2593	Proteomics_pub	2730807	2730842	-	4	ERQYSELEEEWK	12

PPUB-2594	Proteomics_pub	2730807	2730836	-	4	QYSELEEEWK	10
PPUB-2595	Proteomics_pub	2730843	2730878	-	4	RLDMLNEELSDK	12
PPUB-2596	Proteomics_pub	2730954	2730989	-	4	MQIDSKPEELDR	12
PPUB-2597	Proteomics_pub	2730990	2731028	-	4	AIDLIDEAASSIR	13
PPUB-2598	Proteomics_pub	2731143	2731190	-	4	VFVAEPSVEDTIAILR	16
PPUB-2599	Proteomics_pub	2731236	2731280	-	4	GELHCVGATTLDEYR	15
PPUB-2600	Proteomics_pub	2731281	2731331	-	4	ADGAMDAGNMLKPALAR	17
PPUB-2601	Proteomics_pub	2731446	2731490	-	4	RVLALDMGALVAGAK	15
PPUB-2602	Proteomics_pub	2731446	2731487	-	4	VLALDMGALVAGAK	14
PPUB-2603	Proteomics_pub	2731497	2731529	-	4	IINGEVPEGLK	11
PPUB-2604	Proteomics_pub	2731530	2731559	-	4	TAIVEGLAQR	10
PPUB-2605	Proteomics_pub	2731560	2731598	-	4	NNPVLIGEPGVGK	13
PPUB-2606	Proteomics_pub	2731560	2731604	-	4	TKNNPVLIGEPGVGK	15
PPUB-2607	Proteomics_pub	2731683	2731709	-	4	KYTIDLTER	9
PPUB-2608	Proteomics_pub	2731683	2731706	-	4	YTIDLTER	8
PPUB-2609	Proteomics_pub	2731722	2731763	-	4	GGESVNDQGAEDQR	14
PPUB-2610	Proteomics_pub	2731764	2731814	-	4	AAGATTANITQAIEQMR	17
PPUB-2611	Proteomics_pub	2731929	2731985	-	4	LPQVEGTGGDVQPSQDLVR	19
PPUB-2612	Proteomics_pub	2731929	2732012	-	4	TDINQALNRLPQVEGTGGDVQPSQDLVR	28
PPUB-2613	Proteomics_pub	2731986	2732012	-	4	TDINQALNR	9
PPUB-2614	Proteomics_pub	2732412	2732453	-	4	LANVGVEQIFGGDR	14
PPUB-2615	Proteomics_pub	2732460	2732489	-	4	YLADIYQLAR	10
PPUB-2616	Proteomics_pub	2732523	2732549	-	4	EAFMAVDAK	9
PPUB-2617	Proteomics_pub	2732550	2732576	-	4	AFEVGGEVR	9
PPUB-2618	Proteomics_pub	2732991	2733017	-	4	GVAACSSTR	9
PPUB-2619	Proteomics_pub	2733584	2733622	-	6	LDRDTSGVLLVAK	13
PPUB-2620	Proteomics_pub	2733977	2734021	-	6	VQLTATVSENQLGQR	15
PPUB-2621	Proteomics_pub	2738351	2738404	-	6	AGLPAQVMIDFSHANSSK	18
PPUB-2622	Proteomics_pub	2738612	2738650	-	6	ELASGLSCPVGFK	13
PPUB-2623	Proteomics_pub	2738798	2738854	-	6	GLINDPHMDNSFQINDGLR	19
PPUB-2624	Proteomics_pub	2742289	2742336	-	5	VFQTHSPVVDSISVKR	16
PPUB-2625	Proteomics_pub	2742292	2742336	-	5	VFQTHSPVVDSISVK	15
PPUB-2626	Proteomics_pub	2742337	2742363	-	5	ISNGEGVER	9
PPUB-2627	Proteomics_pub	2742337	2742366	-	5	KISNGEGVER	10
PPUB-2628	Proteomics_pub	2742364	2742393	-	5	GLHSAFTVRK	10
PPUB-2629	Proteomics_pub	2742367	2742393	-	5	GLHSAFTVR	9
PPUB-2630	Proteomics_pub	2742367	2742399	-	5	NRGLHSAFTVR	11
PPUB-2631	Proteomics_pub	2742400	2742435	-	5	LQAFEGVVIAIR	12
PPUB-2632	Proteomics_pub	2742400	2742438	-	5	RLQAFEGVVIAIR	13
PPUB-2633	Proteomics_pub	2742439	2742465	-	5	VWVVEGSKK	9
PPUB-2634	Proteomics_pub	2742466	2742510	-	5	QDVPSFRPGDTVEVK	15
PPUB-2635	Proteomics_pub	2742657	2742704	-	4	RPELLENLALTEEQAR	16
PPUB-2636	Proteomics_pub	2743041	2743085	-	4	KLDQAGVSELATNQK	15
PPUB-2637	Proteomics_pub	2743086	2743112	-	4	VIYLSQPGR	9
PPUB-2638	Proteomics_pub	2743446	2743478	-	4	LVPFLDGQVIK	11
PPUB-2639	Proteomics_pub	2743563	2743613	-	4	DLMGCQVVTTEGYDLGK	17

PPUB-2640	Proteomics_pub	2743722	2743748	-	4	HHNQDMIK	9
PPUB-2641	Proteomics_pub	2743749	2743787	-	4	AGQWQQVQLESWK	13
PPUB-2642	Proteomics_pub	2743887	2743931	-	4	QLTAQAPVDPIVLGK	15
PPUB-2643	Proteomics_pub	2743998	2744039	-	4	IAHWVQGATISDR	14
PPUB-2644	Proteomics_pub	2744040	2744069	-	4	EEGTRLDLDR	10
PPUB-2645	Proteomics_pub	2744055	2744102	-	4	VGFFNPIASEKEEGTR	16
PPUB-2646	Proteomics_pub	2744070	2744102	-	4	VGFFNPIASEK	11
PPUB-2647	Proteomics_pub	2744133	2744171	-	4	KRPFYQVVVADSR	13
PPUB-2648	Proteomics_pub	2744133	2744168	-	4	RPFYQVVVADSR	12
PPUB-2649	Proteomics_pub	2744801	2744845	-	6	KGDGFDLNDLFLEQLR	15
PPUB-2650	Proteomics_pub	2744888	2744938	-	6	ILGMDVLSLIEDIESK	17
PPUB-2651	Proteomics_pub	2745071	2745115	-	6	AFNEALPLTGVVLTk	15
PPUB-2652	Proteomics_pub	2745236	2745271	-	6	FYDVLLVDTAGR	12
PPUB-2653	Proteomics_pub	2745380	2745424	-	6	VLVVSADVYPAAIK	15
PPUB-2654	Proteomics_pub	2745590	2745619	-	6	SLTPGQEFVK	10
PPUB-2655	Proteomics_pub	2745671	2745712	-	6	MALLEADVALPVVR	14
PPUB-2656	Proteomics_pub	2748347	2748397	-	6	ANPDMSAMVEGIELTLK	17
PPUB-2657	Proteomics_pub	2748419	2748460	-	6	FINELLPVIDSLDR	14
PPUB-2658	Proteomics_pub	2748512	2748538	-	6	VKAEMENLR	9
PPUB-2659	Proteomics_pub	2748560	2748601	-	6	VANLEAQLAEAQTR	14
PPUB-2660	Proteomics_pub	2748611	2748709	-	6	TPEGQAPEEIIIMDQHEEIEAVEPEASAEQVDPR	33
PPUB-2661	Proteomics_pub	2794473	2794502	-	4	SGDTLSAISK	10
PPUB-2662	Proteomics_pub	2794503	2794544	-	4	TATPATASQFYTVK	14
PPUB-2663	Proteomics_pub	2794608	2794646	-	4	ATVTGDGLSQEAK	13
PPUB-2664	Proteomics_pub	2794647	2794697	-	4	TGIPDADKVNIIQIADGK	17
PPUB-2665	Proteomics_pub	2794647	2794673	-	4	VNIQIADGK	9
PPUB-2666	Proteomics_pub	2796137	2796175	-	6	TPKPIAQALAEKG	13
PPUB-2667	Proteomics_pub	2796197	2796223	-	6	FTDVNGETK	9
PPUB-2668	Proteomics_pub	2796263	2796319	-	6	ADGINPEELGNSSAAAPR	19
PPUB-2669	Proteomics_pub	2796320	2796346	-	6	ISTWLELMK	9
PPUB-2670	Proteomics_pub	2796422	2796460	-	6	EFSDVLEEMLEK	13
PPUB-2671	Proteomics_pub	2796482	2796514	-	6	SVMLQSLNNIR	11
PPUB-2672	Proteomics_pub	2812267	2812299	-	5	INSNEELALPK	11
PPUB-2673	Proteomics_pub	2812459	2812503	-	5	TGFYMSLIGTPDEQR	15
PPUB-2674	Proteomics_pub	2812504	2812560	-	5	NHLNGNGVEIIDISPMGCR	19
PPUB-2675	Proteomics_pub	2812561	2812602	-	5	GIHTLEHLFAGFMR	14
PPUB-2676	Proteomics_pub	2812639	2812686	-	5	TMNTPHGDAITVFDLR	16
PPUB-2677	Proteomics_pub	2812717	2812752	-	5	PLLDSTVDHTR	12
PPUB-2678	Proteomics_pub	2813067	2813102	-	4	SMIDTGIGGTGK	12
PPUB-2679	Proteomics_pub	2813169	2813216	-	4	VAQTLDSINGGEAYQK	16
PPUB-2680	Proteomics_pub	2813472	2813498	-	4	GGIEYIEVR	9
PPUB-2681	Proteomics_pub	2813730	2813756	-	4	LSDLGYTNK	9
PPUB-2682	Proteomics_pub	2817019	2817054	-	5	EVSVHREEIYQR	12
PPUB-2683	Proteomics_pub	2817430	2817507	-	5	GGGRPDMAQAGGTDAAALPAALASVK	26
PPUB-2684	Proteomics_pub	2817508	2817552	-	5	AGELIGMVAQQVGGK	15
PPUB-2685	Proteomics_pub	2817682	2817717	-	5	LLVSELSGVEPK	12

PPUB-2686	Proteomics_pub	2817742	2817801	-	5	ELQQLKEQAAAQESANLSSK	20
PPUB-2687	Proteomics_pub	2817742	2817783	-	5	EQAAAQESANLSSK	14
PPUB-2688	Proteomics_pub	2817835	2817867	-	5	GDSNNLADKVR	11
PPUB-2689	Proteomics_pub	2817868	2817894	-	5	LSEVAHLLK	9
PPUB-2690	Proteomics_pub	2817895	2817954	-	5	RIEAVTGEGAIATVHADSDR	20
PPUB-2691	Proteomics_pub	2817955	2817990	-	5	IIESGTAAGVR	12
PPUB-2692	Proteomics_pub	2817991	2818014	-	5	TGDIGLFR	8
PPUB-2693	Proteomics_pub	2818015	2818071	-	5	VLSMGDFSTELCGGTHASR	19
PPUB-2694	Proteomics_pub	2818078	2818116	-	5	GAMALFGEKYDER	13
PPUB-2695	Proteomics_pub	2818090	2818116	-	5	GAMALFGEK	9
PPUB-2696	Proteomics_pub	2818123	2818167	-	5	NLPIETNIMDLEAAK	15
PPUB-2697	Proteomics_pub	2818168	2818203	-	5	AVEDLVNTQIRR	12
PPUB-2698	Proteomics_pub	2818171	2818203	-	5	AVEDLVNTQIR	11
PPUB-2699	Proteomics_pub	2818204	2818248	-	5	FDFSHNEAMKPEEIR	15
PPUB-2700	Proteomics_pub	2818279	2818308	-	5	QVLGTHVSQK	10
PPUB-2701	Proteomics_pub	2818363	2818404	-	5	VGDAVQADVDEARR	14
PPUB-2702	Proteomics_pub	2818366	2818404	-	5	VGDAVQADVDEAR	13
PPUB-2703	Proteomics_pub	2818426	2818455	-	5	YGQAIGHIGK	10
PPUB-2704	Proteomics_pub	2818456	2818494	-	5	GANFSFAVEDTQK	13
PPUB-2705	Proteomics_pub	2818495	2818599	-	5	AVDAINAGQEAVVVLDTQTPFYAESGGQVGDKGELK	35
PPUB-2706	Proteomics_pub	2818507	2818599	-	5	AVDAINAGQEAVVVLDTQTPFYAESGGQVGDK	31
PPUB-2707	Proteomics_pub	2818600	2818626	-	5	VTALFVDGK	9
PPUB-2708	Proteomics_pub	2818627	2818656	-	5	GYDHLELNGK	10
PPUB-2709	Proteomics_pub	2818627	2818680	-	5	VDSASEFKGYDHLELNGK	18
PPUB-2710	Proteomics_pub	2818681	2818722	-	5	EASGFGADYNAMIR	14
PPUB-2711	Proteomics_pub	2818735	2818776	-	5	VDEAGFEAAMEEQR	14
PPUB-2712	Proteomics_pub	2818792	2818842	-	5	LYDTYGFVLDLTADVCR	17
PPUB-2713	Proteomics_pub	2818843	2818881	-	5	LSGDTLDGETAFR	13
PPUB-2714	Proteomics_pub	2818882	2818914	-	5	GLALLDEELAK	11
PPUB-2715	Proteomics_pub	2818951	2818980	-	5	QQAQVEQVLK	10
PPUB-2716	Proteomics_pub	2818951	2818983	-	5	RQAQVEQVLK	11
PPUB-2717	Proteomics_pub	2818981	2819034	-	5	LVGPLIDVMGSAGEDLKR	18
PPUB-2718	Proteomics_pub	2819053	2819076	-	5	HGNMLGAK	8
PPUB-2719	Proteomics_pub	2819197	2819226	-	5	VTGATDLSNK	10
PPUB-2720	Proteomics_pub	2819251	2819304	-	5	IAAVLQHVNSNYDIDLFR	18
PPUB-2721	Proteomics_pub	2819305	2819370	-	5	QADGTMEPLPKPSVDTGMGLER	22
PPUB-2722	Proteomics_pub	2819722	2819775	-	5	HHTFFEMLGNFSFGDYFK	18
PPUB-2723	Proteomics_pub	2819776	2819811	-	5	HNDLENVGYTAR	12
PPUB-2724	Proteomics_pub	2819863	2819889	-	5	DVFLGLDKR	9
PPUB-2725	Proteomics_pub	2819866	2819889	-	5	DVFLGLDK	8
PPUB-2726	Proteomics_pub	2819977	2820006	-	5	QAFLDFFHSK	10
PPUB-2727	Proteomics_pub	2820859	2820882	-	5	ANATAWLK	8
PPUB-2728	Proteomics_pub	2820907	2820930	-	5	AGAWYSYK	8
PPUB-2729	Proteomics_pub	2821060	2821092	-	5	EGENVVGSETR	11
PPUB-2730	Proteomics_pub	2821141	2821194	-	5	IGVMFGNPETTTGGNALK	18
PPUB-2731	Proteomics_pub	2821282	2821332	-	5	AEIEGEIGDSHMGLAAR	17

PPUB-2732	Proteomics_pub	2821474	2821524	-	5	TCAFIDAEHALDPIYAR	17
PPUB-2733	Proteomics_pub	2821573	2821608	-	5	IVEIYGPESSGK	12
PPUB-2734	Proteomics_pub	2821720	2821764	-	5	ALAAALGQIEKQFGK	15
PPUB-2735	Proteomics_pub	2821732	2821764	-	5	ALAAALGQIEK	11
PPUB-2736	Proteomics_pub	2865187	2865237	-	5	GLQFLDLIQEGNIGLMK	17
PPUB-2737	Proteomics_pub	2865702	2865740	-	4	IATMGSTGTSSTR	13
PPUB-2738	Proteomics_pub	2865825	2865851	-	4	GYGNLIIEK	9
PPUB-2739	Proteomics_pub	2865852	2865878	-	4	VVYAGNALR	9
PPUB-2740	Proteomics_pub	2865879	2865911	-	4	GQAIATADGR	11
PPUB-2741	Proteomics_pub	2865936	2865974	-	4	VIETFGASEGGNK	13
PPUB-2742	Proteomics_pub	2868697	2868729	-	5	SALFNQIVAER	11
PPUB-2743	Proteomics_pub	2868769	2868795	-	5	WAQTNTPVR	9
PPUB-2744	Proteomics_pub	2868796	2868834	-	5	FGIGGSNLQGAQR	13
PPUB-2745	Proteomics_pub	2868835	2868864	-	5	GVPNYFGAQR	10
PPUB-2746	Proteomics_pub	2868919	2868945	-	5	GNAFTLVLR	9
PPUB-2747	Proteomics_pub	2870099	2870128	-	6	TGGILAAPVR	10
PPUB-2748	Proteomics_pub	2872995	2873075	-	4	NMITGAAQMDGAILVVAATDGPMPQTR	27
PPUB-2749	Proteomics_pub	2895977	2896024	-	6	ILNTSSVIPVDGLCVR	16
PPUB-2750	Proteomics_pub	2902889	2902948	-	6	VRDIEALDELLATLTDDKPR	20
PPUB-2751	Proteomics_pub	2902979	2903014	-	6	GGYEVLSQALER	12
PPUB-2752	Proteomics_pub	2903261	2903302	-	6	LEDREVSLSILAK	14
PPUB-2753	Proteomics_pub	2904689	2904730	-	6	IEEALGEKAPYNGR	14
PPUB-2754	Proteomics_pub	2904785	2904850	-	6	SGETEDATIADLAVGTAAGQIK	22
PPUB-2755	Proteomics_pub	2904851	2904883	-	6	DAGYTAVISHR	11
PPUB-2756	Proteomics_pub	2904851	2904892	-	6	MAKDAGYTAVISHR	14
PPUB-2757	Proteomics_pub	2904893	2904937	-	6	FNQIGSLTETLAAIK	15
PPUB-2758	Proteomics_pub	2904989	2905030	-	6	IQLVGDDLFTNTK	14
PPUB-2759	Proteomics_pub	2904989	2905045	-	6	VLGDKIQLVGDDLFTNTK	19
PPUB-2760	Proteomics_pub	2905046	2905117	-	6	QYPIVSIEDGLDESDWDGFAYQTK	24
PPUB-2761	Proteomics_pub	2905118	2905165	-	6	AFTSEEFTHFLEELTK	16
PPUB-2762	Proteomics_pub	2905166	2905201	-	6	DGKYVLAGEGKN	12
PPUB-2763	Proteomics_pub	2905166	2905192	-	6	YVLAGEGKN	9
PPUB-2764	Proteomics_pub	2905202	2905246	-	6	DITLAMDCASEFYK	15
PPUB-2765	Proteomics_pub	2905271	2905363	-	6	GMNTAVGDEGGYAPNLGSNAEALAVIAEAVK	31
PPUB-2766	Proteomics_pub	2905379	2905411	-	6	MGSEVFHHLAK	11
PPUB-2767	Proteomics_pub	2905433	2905534	-	6	YSMPVPMMNIIINGGEHADNNVDIQEFMIQPVGAK	34
PPUB-2768	Proteomics_pub	2905535	2905585	-	6	GMPLYEHIAELNGTPGK	17
PPUB-2769	Proteomics_pub	2905604	2905648	-	6	FGANAILAVSLANAK	15
PPUB-2770	Proteomics_pub	2905604	2905654	-	6	SKFGANAILAVSLANAK	17
PPUB-2771	Proteomics_pub	2905655	2905708	-	6	DQAGIDKIMIDLGTENK	18
PPUB-2772	Proteomics_pub	2905655	2905687	-	6	IMIDLGTENK	11
PPUB-2773	Proteomics_pub	2905688	2905717	-	6	DAKDQAGIDK	10
PPUB-2774	Proteomics_pub	2905709	2905765	-	6	AVAAVNGPIAQALIGKDAK	19
PPUB-2775	Proteomics_pub	2905718	2905765	-	6	AVAAVNGPIAQALIGK	16
PPUB-2776	Proteomics_pub	2905796	2905825	-	6	EALELRDGDK	10
PPUB-2777	Proteomics_pub	2905916	2905945	-	6	IIGREIIDS	10



PPUB-2778	Proteomics_pub	2906087	2906119	-	6	DGHPLFAGFVK	11
PPUB-2779	Proteomics_pub	2906120	2906215	-	6	SGDDQLVEIIEVNPVHPWFVACQFHPEFTSTPR	32
PPUB-2780	Proteomics_pub	2906252	2906284	-	6	HRYEVNNMLLK	11
PPUB-2781	Proteomics_pub	2906252	2906278	-	6	YEVNNMLLK	9
PPUB-2782	Proteomics_pub	2906291	2906323	-	6	QLYNAPTIVER	11
PPUB-2783	Proteomics_pub	2906324	2906368	-	6	LGAQQCQLVDDSLVR	15
PPUB-2784	Proteomics_pub	2906369	2906392	-	6	SDLGGTMR	8
PPUB-2785	Proteomics_pub	2906402	2906428	-	6	DENGNVEVR	9
PPUB-2786	Proteomics_pub	2906462	2906515	-	6	HVANMENANSTEFVPDCK	18
PPUB-2787	Proteomics_pub	2906591	2906620	-	6	GVEGMITTAR	10
PPUB-2788	Proteomics_pub	2906621	2906662	-	6	GLDAILVPGGFGYR	14
PPUB-2789	Proteomics_pub	2906681	2906710	-	6	LIDSQDVETR	10
PPUB-2790	Proteomics_pub	2906771	2906797	-	6	YIELPDAYK	9
PPUB-2791	Proteomics_pub	2906900	2906932	-	6	SQGLDDYICKR	11
PPUB-2792	Proteomics_pub	2906903	2906932	-	6	SQGLDDYICK	10
PPUB-2793	Proteomics_pub	2906933	2906971	-	6	DVDSIYKIPGLLK	13
PPUB-2794	Proteomics_pub	2906951	2906989	-	6	AVISLKDVDSIYK	13
PPUB-2795	Proteomics_pub	2906990	2907019	-	6	IALFCNVPEK	10
PPUB-2796	Proteomics_pub	2907056	2907100	-	6	ELLSIGIQPDILICR	15
PPUB-2797	Proteomics_pub	2907317	2907376	-	6	RGDYLGATVQVIPHITNAIK	20
PPUB-2798	Proteomics_pub	2907407	2907430	-	6	RNNFTTGR	8
PPUB-2799	Proteomics_pub	2907593	2907634	-	6	GIAAASLAAILEAR	14
PPUB-2800	Proteomics_pub	2911835	2911873	-	6	ILYISCNPETLCK	13
PPUB-2801	Proteomics_pub	2921417	2921455	-	6	EDKGPQPAVTHYR	13
PPUB-2802	Proteomics_pub	2921555	2921593	-	6	LLAQQFEQHQIQK	13
PPUB-2803	Proteomics_pub	2921651	2921686	-	6	DQIGQHVFTAHR	12
PPUB-2804	Proteomics_pub	2929935	2929982	-	4	LSEDAFDDQCTGANPR	16
PPUB-2805	Proteomics_pub	2930169	2930234	-	4	LGSQFHIPHLANALLICNVIR	22
PPUB-2806	Proteomics_pub	2930553	2930636	-	4	MIAVTTTSGTGSEVTPFAVVTDDATGQK	28
PPUB-2807	Proteomics_pub	2944181	2944231	-	6	GQHFDIYQGIGPEAGHR	17
PPUB-2808	Proteomics_pub	2944469	2944504	-	6	HWGETHSEAEVR	12
PPUB-2809	Proteomics_pub	2944709	2944741	-	6	AEIYAGALSDK	11
PPUB-2810	Proteomics_pub	2944775	2944804	-	6	QGEFQYPIYR	10
PPUB-2811	Proteomics_pub	2945000	2945092	-	6	FTQPFSLVNQPDVAVGAPINAGDFAEQINHIR	31
PPUB-2812	Proteomics_pub	2962401	2962448	-	4	FEDFEIEGYDPHPGIK	16
PPUB-2813	Proteomics_pub	2962449	2962478	-	4	RKPESIFDYR	10
PPUB-2814	Proteomics_pub	2962818	2962856	-	4	HIDQITTVLNQLK	13
PPUB-2815	Proteomics_pub	2963031	2963072	-	4	FNLQDGFPLVTTKR	14
PPUB-2816	Proteomics_pub	2963073	2963114	-	4	TGTGTLISIFGHQMR	14
PPUB-2817	Proteomics_pub	2964888	2964914	-	4	EENPFLGWR	9
PPUB-2818	Proteomics_pub	2965005	2965070	-	4	TEFLFMDRDALPTEEEQFAAYK	22
PPUB-2819	Proteomics_pub	2979497	2979523	-	6	AREELNEIR	9
PPUB-2820	Proteomics_pub	2979548	2979574	-	6	HIEAEVLR	9
PPUB-2821	Proteomics_pub	2980166	2980204	-	6	MVTINTESALTPR	13
PPUB-2822	Proteomics_pub	2980166	2980201	-	6	VTINTESALTPR	12
PPUB-2823	Proteomics_pub	2980990	2981040	-	5	AEFGVDILVNNAGITR	17

PPUB-2824	Proteomics_pub	2996920	2996952	-	5	AMLHFCENPGK	11
PPUB-2825	Proteomics_pub	3027082	3027120	-	5	GSDLVVTAIAEGR	13
PPUB-2826	Proteomics_pub	3027550	3027594	-	5	VVVLGGGDTAMDCVR	15
PPUB-2827	Proteomics_pub	3028174	3028233	-	5	IFEAAELSHQTNTLPEVCGR	20
PPUB-2828	Proteomics_pub	3031682	3031717	-	6	DVILFPAMRPVK	12
PPUB-2829	Proteomics_pub	3031682	3031717	-	6	DVILFPAMRPQK	12
PPUB-2830	Proteomics_pub	3031718	3031753	-	6	MVMLFTNSHTIR	12
PPUB-2831	Proteomics_pub	3031718	3031753	-	6	MIMLFTNSHTIR	12
PPUB-2832	Proteomics_pub	3031754	3031798	-	6	YGTPPHAGLAFGLDR	15
PPUB-2833	Proteomics_pub	3031754	3031855	-	6	DAGDDEAMFYDEDYVTALEHGLPPTAGLGIGIDR	34
PPUB-2834	Proteomics_pub	3031880	3031933	-	6	EIGNGFSELNDAEDQAQR	18
PPUB-2835	Proteomics_pub	3031880	3031933	-	6	EIGNGFSELNDAEDQAER	18
PPUB-2836	Proteomics_pub	3031958	3031990	-	6	RNDVNPEITDR	11
PPUB-2837	Proteomics_pub	3031991	3032086	-	6	IVTEIFEEVAEAHLIQPTFITEYPAEVSPLAR	32
PPUB-2838	Proteomics_pub	3032105	3032140	-	6	AIAESIGIHVEK	12
PPUB-2839	Proteomics_pub	3032105	3032140	-	6	ALAESIGITVEK	12
PPUB-2840	Proteomics_pub	3032141	3032191	-	6	YRPETDMADLDNFDSAQ	17
PPUB-2841	Proteomics_pub	3032141	3032191	-	6	YRPETDMADLDNFDAAK	17
PPUB-2842	Proteomics_pub	3032219	3032272	-	6	TEVTYGDVTLDFGKPF EK	18
PPUB-2843	Proteomics_pub	3032219	3032266	-	6	VTYGEHVDFGKPF EK	16
PPUB-2844	Proteomics_pub	3032273	3032299	-	6	TLAQDILGK	9
PPUB-2845	Proteomics_pub	3032300	3032332	-	6	DLIELTSLFR	11
PPUB-2846	Proteomics_pub	3032333	3032386	-	6	HNPEFTMMELYMAYADYK	18
PPUB-2847	Proteomics_pub	3032435	3032461	-	6	RLVVGGER	9
PPUB-2848	Proteomics_pub	3032654	3032686	-	6	YLDLISNDESR	11
PPUB-2849	Proteomics_pub	3032699	3032752	-	6	ALRPLPDKFHGLQDQEAR	18
PPUB-2850	Proteomics_pub	3032699	3032728	-	6	FHGLQDQEAR	10
PPUB-2851	Proteomics_pub	3032699	3032752	-	6	ALRPLPDKFHGLQDQEV R	18
PPUB-2852	Proteomics_pub	3032729	3032752	-	6	ALRPLPDK	8
PPUB-2853	Proteomics_pub	3032765	3032800	-	6	TGELSIHCTELR	12
PPUB-2854	Proteomics_pub	3032765	3032806	-	6	TKTGELSIHCTELR	14
PPUB-2855	Proteomics_pub	3032765	3032806	-	6	TQTGELSIHCTELR	14
PPUB-2856	Proteomics_pub	3032822	3032854	-	6	KWDLGDILGAK	11
PPUB-2857	Proteomics_pub	3032822	3032851	-	6	WDLGDILGAK	10
PPUB-2858	Proteomics_pub	3032822	3032851	-	6	WDLGDIIGAR	10
PPUB-2859	Proteomics_pub	3032852	3032893	-	6	DDLPEGVYNEQFKK	14
PPUB-2860	Proteomics_pub	3032855	3032893	-	6	DDLPEGVYNEQFK	13
PPUB-2861	Proteomics_pub	3032855	3032893	-	6	DSLPEGVYNDQFK	13
PPUB-2862	Proteomics_pub	3032915	3032950	-	6	ASFVTLQDVGGRR	12
PPUB-2863	Proteomics_pub	3033071	3033106	-	6	EQGIAFPNDFRR	12
PPUB-2864	Proteomics_pub	3033074	3033106	-	6	EQGIAFPNDFR	11
PPUB-2865	Proteomics_pub	3033137	3033193	-	6	SEQHAQGADAVVDLNNELK	19
PPUB-2866	Proteomics_pub	3033218	3033274	-	6	NTQAVLDGSLDQFIEASLK	19
PPUB-2867	Proteomics_pub	3033332	3033382	-	6	QAMEDNKSDIGWGSQIR	17
PPUB-2868	Proteomics_pub	3033332	3033361	-	6	SDIGWGSQIR	10
PPUB-2869	Proteomics_pub	3033470	3033517	-	6	ITHIPTGIVTQCQNDR	16

PPUB-2870	Proteomics_pub	3033584	3033664	-	6	HTSFSSAFVYPEVDDDDIDIEINPADLR	27
PPUB-2871	Proteomics_pub	3033668	3033694	-	6	KSPFDSSGGR	9
PPUB-2872	Proteomics_pub	3033725	3033757	-	6	ISGDYAYGWLR	11
PPUB-2873	Proteomics_pub	3033773	3033817	-	6	TEIIIESEGEVAGIK	15
PPUB-2874	Proteomics_pub	3034082	3034123	-	6	SSLEAVVDTLDQMK	14
PPUB-2875	Proteomics_pub	3034130	3034204	-	6	LEEVNAELEQPDVWNEPERAQLGK	25
PPUB-2876	Proteomics_pub	3034148	3034210	-	6	ERLEEVNAELEQPDVWNEPER	21
PPUB-2877	Proteomics_pub	3034148	3034204	-	6	LEEVNAELEQPDVWNEPER	19
PPUB-2878	Proteomics_pub	3034275	3034304	-	4	MFEINPVNNR	10
PPUB-2879	Proteomics_pub	3036152	3036175	-	6	EFLDEHQK	8
PPUB-2880	Proteomics_pub	3036317	3036343	-	6	AFDDVMAGK	9
PPUB-2881	Proteomics_pub	3036557	3036589	-	6	MLLKQLNALEK	11
PPUB-2882	Proteomics_pub	3036590	3036652	-	6	HIIQGPMYDVSGTAPVNVTK	21
PPUB-2883	Proteomics_pub	3036653	3036700	-	6	TVLTNSGVLYITDDGK	16
PPUB-2884	Proteomics_pub	3036701	3036739	-	6	SSDIQPAPVAGMK	13
PPUB-2885	Proteomics_pub	3041343	3041396	-	4	VIADIYPGQTQFYVIEFK	18
PPUB-2886	Proteomics_pub	3041397	3041438	-	4	HAEQENMTLTELKK	14
PPUB-2887	Proteomics_pub	3041583	3041612	-	4	FQDDILAGRK	10
PPUB-2888	Proteomics_pub	3041586	3041612	-	4	FQDDILAGR	9
PPUB-2889	Proteomics_pub	3043879	3043917	-	5	IALVTGASRGIGR	13
PPUB-2890	Proteomics_pub	3044232	3044258	-	4	RLDDVYGDR	9
PPUB-2891	Proteomics_pub	3044277	3044312	-	4	EVAVFPAGVADK	12
PPUB-2892	Proteomics_pub	3044427	3044453	-	4	FIDAMLAIR	9
PPUB-2893	Proteomics_pub	3044559	3044594	-	4	EETGISELDIAK	12
PPUB-2894	Proteomics_pub	3044643	3044678	-	4	LQDAFPVLYTGR	12
PPUB-2895	Proteomics_pub	3044679	3044723	-	4	ASQVAILNANYIASR	15
PPUB-2896	Proteomics_pub	3044883	3044939	-	4	TFCIPHGGGGPGMGPVGVK	19
PPUB-2897	Proteomics_pub	3045069	3045149	-	4	AEQAGDNLSCIMVTPSTHGVYEETIR	27
PPUB-2898	Proteomics_pub	3045156	3045185	-	4	NGNIDLTDLR	10
PPUB-2899	Proteomics_pub	3045621	3045656	-	4	DDEILTHPVFNR	12
PPUB-2900	Proteomics_pub	3045621	3045680	-	4	SIQPAMLRDDEILTHPVFNR	20
PPUB-2901	Proteomics_pub	3045774	3045824	-	4	SDILNAVGITLDETTTR	17
PPUB-2902	Proteomics_pub	3045930	3045965	-	4	LTDILAAGLQK	12
PPUB-2903	Proteomics_pub	3046119	3046145	-	4	DAAGNTALR	9
PPUB-2904	Proteomics_pub	3046194	3046247	-	4	FGVPMGYGGPHAAFFAAK	18
PPUB-2905	Proteomics_pub	3046248	3046283	-	4	QGADIVFGSAQR	12
PPUB-2906	Proteomics_pub	3046500	3046547	-	4	FFVASDVHPQTLDVVR	16
PPUB-2907	Proteomics_pub	3047013	3047060	-	4	TQTLSQLENSGAFIER	16
PPUB-2908	Proteomics_pub	3047185	3047253	-	5	ASDESELESLLDATAYEALLEDE	23
PPUB-2909	Proteomics_pub	3047661	3047702	-	4	VPEGIGETAIVQIR	14
PPUB-2910	Proteomics_pub	3047703	3047792	-	4	FTDAQGNQHEGIITSGTFSPTLGYSIALAR	30
PPUB-2911	Proteomics_pub	3047823	3047849	-	4	LVGLVMTEK	9
PPUB-2912	Proteomics_pub	3048018	3048062	-	4	ALVEAGVKPCGLGAR	15
PPUB-2913	Proteomics_pub	3048195	3048224	-	4	AATLFNDAQR	10
PPUB-2914	Proteomics_pub	3048225	3048272	-	4	DDLSMIAVQGPNAQAK	16
PPUB-2915	Proteomics_pub	3048462	3048488	-	4	YLLANDVAK	9

PPUB-2916	Proteomics_pub	3048516	3048566	-	4	TDAGMFDVSHMTIVDLR	17
PPUB-2917	Proteomics_pub	3048639	3048686	-	4	AQQTPLYEQHTLCCGAR	16
PPUB-2918	Proteomics_pub	3051903	3051953	-	4	LYRPGTSILEVTGEVVR	17
PPUB-2919	Proteomics_pub	3052305	3052340	-	4	LFKSPEEIAVLR	12
PPUB-2920	Proteomics_pub	3052305	3052331	-	4	SPEEIAVLR	9
PPUB-2921	Proteomics_pub	3052557	3052583	-	4	LGQDAAPEK	9
PPUB-2922	Proteomics_pub	3052587	3052616	-	4	DLTAEIWFGR	10
PPUB-2923	Proteomics_pub	3052623	3052661	-	4	SDDTHNHSVLFNR	13
PPUB-2924	Proteomics_pub	3052830	3052859	-	4	SEISRQEFQR	10
PPUB-2925	Proteomics_pub	3053053	3053100	-	5	LDKVTGETGEAIDDLR	16
PPUB-2926	Proteomics_pub	3053053	3053091	-	5	VTGETGEAIDDLR	13
PPUB-2927	Proteomics_pub	3055416	3055490	-	4	YSDNGSTLSAVNFPEVSLPLHGGR	25
PPUB-2928	Proteomics_pub	3055419	3055490	-	4	YSDNGSTLSAVNFPEVSLPLHGGR	24
PPUB-2929	Proteomics_pub	3055665	3055712	-	4	GTVVDIPALCDALASK	16
PPUB-2930	Proteomics_pub	3055713	3055760	-	4	EISLMKPGSLLINASR	16
PPUB-2931	Proteomics_pub	3055779	3055877	-	4	LPLGNATQVQHLSDLLNMSDVVSLHVPENPSTK	33
PPUB-2932	Proteomics_pub	3055983	3056009	-	4	LAAGSFEAR	9
PPUB-2933	Proteomics_pub	3056058	3056102	-	4	SVAELVIGELLLLLR	15
PPUB-2934	Proteomics_pub	3056103	3056141	-	4	GIPVFNAPFSNTR	13
PPUB-2935	Proteomics_pub	3056103	3056144	-	4	RGIPVFNAPFSNTR	14
PPUB-2936	Proteomics_pub	3056208	3056252	-	4	SRTHLTEDVINAEEK	15
PPUB-2937	Proteomics_pub	3056208	3056246	-	4	THLTEDVINAEEK	13
PPUB-2938	Proteomics_pub	3056253	3056276	-	4	DAHFIGLR	8
PPUB-2939	Proteomics_pub	3056289	3056315	-	4	GALDDEQLK	9
PPUB-2940	Proteomics_pub	3056316	3056348	-	4	AAGYTNIIEFHK	11
PPUB-2941	Proteomics_pub	3056367	3056396	-	4	FLLVEGVHQK	10
PPUB-2942	Proteomics_pub	3056703	3056744	-	4	GADVALIGTPDGVK	14
PPUB-2943	Proteomics_pub	3056928	3056963	-	4	FPLPVEIPMAR	12
PPUB-2944	Proteomics_pub	3056985	3057011	-	4	FICIADASK	9
PPUB-2945	Proteomics_pub	3057012	3057041	-	4	EKIIASVAEK	10
PPUB-2946	Proteomics_pub	3057171	3057218	-	4	GQIEGAVSSSDASTEK	16
PPUB-2947	Proteomics_pub	3057219	3057323	-	4	AVGWAALQYVQPGTIVGVGTGSTAAHFIDALGTMK	35
PPUB-2948	Proteomics_pub	3065503	3065541	-	5	YHVSNYQSPMVR	13
PPUB-2949	Proteomics_pub	3065542	3065568	-	5	KLGPVYSVR	9
PPUB-2950	Proteomics_pub	3065542	3065565	-	5	LGPVYSVR	8
PPUB-2951	Proteomics_pub	3065635	3065679	-	5	SVSLGVAQPDAYKDK	15
PPUB-2952	Proteomics_pub	3065641	3065679	-	5	SVSLGVAQPDAYK	13
PPUB-2953	Proteomics_pub	3065701	3065730	-	5	LNSLLDGALK	10
PPUB-2954	Proteomics_pub	3065701	3065742	-	5	QLDKLNSLLDGALK	14
PPUB-2955	Proteomics_pub	3065851	3065898	-	5	VAQYISFLELNQIAKK	16
PPUB-2956	Proteomics_pub	3065854	3065898	-	5	VAQYISFLELNQIAK	15
PPUB-2957	Proteomics_pub	3067062	3067115	-	4	VWSNSGDLQNVYWDVLER	18
PPUB-2958	Proteomics_pub	3067116	3067157	-	4	LNELGASSINFVVR	14
PPUB-2959	Proteomics_pub	3067188	3067223	-	4	QILTNIQSEDR	12
PPUB-2960	Proteomics_pub	3067290	3067322	-	4	IIAGNIINFSR	11
PPUB-2961	Proteomics_pub	3068190	3068222	-	4	AFQELNAIDVL	11

PPUB-2962	Proteomics_pub	3068190	3068231	-	4	LEKAFQELNAIDVL	14
PPUB-2963	Proteomics_pub	3068223	3068258	-	4	AGQTSMIARLEK	12
PPUB-2964	Proteomics_pub	3068232	3068258	-	4	AGQTSMIAR	9
PPUB-2965	Proteomics_pub	3068286	3068309	-	4	GEDQPNNK	8
PPUB-2966	Proteomics_pub	3068289	3068351	-	4	ANEAYLQGQLGNPKGEDQPNK	21
PPUB-2967	Proteomics_pub	3068310	3068351	-	4	ANEAYLQGQLGNPK	14
PPUB-2968	Proteomics_pub	3068352	3068411	-	4	MNIDTDTQWATWEGVLNYYK	20
PPUB-2969	Proteomics_pub	3068412	3068438	-	4	DSVSYGVVK	9
PPUB-2970	Proteomics_pub	3068439	3068510	-	4	HNLPHNSLNFVHGGSGSTAQEIK	24
PPUB-2971	Proteomics_pub	3068439	3068513	-	4	KHNLPHNSLNFVHGGSGSTAQEIK	25
PPUB-2972	Proteomics_pub	3068511	3068537	-	4	DSQEYVSKK	9
PPUB-2973	Proteomics_pub	3068538	3068618	-	4	FTIAASFGNVHGVYKPGNVVLTPTILR	27
PPUB-2974	Proteomics_pub	3068787	3068879	-	4	HFAATGKPLFSSHMIDLSEESLQENIEICSK	31
PPUB-2975	Proteomics_pub	3068880	3068924	-	4	KLLPWIDGLLDAGEK	15
PPUB-2976	Proteomics_pub	3068880	3068921	-	4	LLPWIDGLLDAGEK	14
PPUB-2977	Proteomics_pub	3069051	3069104	-	4	APVIVQFSNGGASFIAGK	18
PPUB-2978	Proteomics_pub	3069051	3069110	-	4	VKAPVIVQFSNGGASFIAGK	20
PPUB-2979	Proteomics_pub	3069111	3069188	-	4	ENNFALPAVNCVGTDSINAVLETAAK	26
PPUB-2980	Proteomics_pub	3069207	3069257	-	4	IFDFVKPGVITGDDVQK	17
PPUB-2981	Proteomics_pub	3069207	3069263	-	4	SKIFDFVKPGVITGDDVQK	19
PPUB-2982	Proteomics_pub	3069493	3069525	-	5	VLPAVAMLEER	11
PPUB-2983	Proteomics_pub	3069526	3069579	-	5	ISYISTGGGAFLEFVEGK	18
PPUB-2984	Proteomics_pub	3069580	3069684	-	5	GTEIVANAIADSEAFSIAGGGDTLAAIDLFGIADK	35
PPUB-2985	Proteomics_pub	3069580	3069687	-	5	KGTEIVANAIADSEAFSIAGGGDTLAAIDLFGIADK	36
PPUB-2986	Proteomics_pub	3069685	3069738	-	5	TILWNGPVGVFEPNFRK	18
PPUB-2987	Proteomics_pub	3069688	3069738	-	5	TILWNGPVGVFEPNFR	17
PPUB-2988	Proteomics_pub	3069748	3069810	-	5	ADEQILDIGDASAQELAEILK	21
PPUB-2989	Proteomics_pub	3069748	3069828	-	5	SVNDVKADEQILDIGDASAQELAEILK	27
PPUB-2990	Proteomics_pub	3069829	3069870	-	5	VATEFSETAPATLK	14
PPUB-2991	Proteomics_pub	3069871	3069912	-	5	LLTTCNIPVPSDVR	14
PPUB-2992	Proteomics_pub	3069871	3069915	-	5	RLLTTCNIPVPSDVR	15
PPUB-2993	Proteomics_pub	3069913	3069951	-	5	SLYEADLVDEAKR	13
PPUB-2994	Proteomics_pub	3069916	3069951	-	5	SLYEADLVDEAK	12
PPUB-2995	Proteomics_pub	3069952	3070026	-	5	IADQLIVGGGIANTFIAAQGHVGVK	25
PPUB-2996	Proteomics_pub	3070027	3070065	-	5	VSTKLTVLDSLSK	13
PPUB-2997	Proteomics_pub	3070066	3070116	-	5	ALKEPARPMVAIVGGSK	17
PPUB-2998	Proteomics_pub	3070066	3070107	-	5	EPARPMVAIVGGSK	14
PPUB-2999	Proteomics_pub	3070117	3070206	-	5	AQASTHGIGKFADVACAGPLLAELDALGK	30
PPUB-3000	Proteomics_pub	3070117	3070176	-	5	FADVACAGPLLAELDALGK	20
PPUB-3001	Proteomics_pub	3070177	3070206	-	5	AQASTHGIGK	10
PPUB-3002	Proteomics_pub	3070207	3070263	-	5	KYAALCDVFMVDAFGTAHR	19
PPUB-3003	Proteomics_pub	3070207	3070260	-	5	YAALCDVFMVDAFGTAHR	18
PPUB-3004	Proteomics_pub	3070306	3070365	-	5	DYLDGVDVAEGELVVLENVR	20
PPUB-3005	Proteomics_pub	3070306	3070374	-	5	LVKDYLDGVDVAEGELVVLENVR	23
PPUB-3006	Proteomics_pub	3070375	3070398	-	5	DKLSNPVR	8
PPUB-3007	Proteomics_pub	3070399	3070485	-	5	VMVTSHLGRPTEGEYNEEFSLLPVVNYLK	29

PPUB-3008	Proteomics_pub	3070486	3070530	-	5	ASLPTIELALKQGAK	15
PPUB-3009	Proteomics_pub	3070498	3070530	-	5	ASLPTIELALK	11
PPUB-3010	Proteomics_pub	3070498	3070536	-	5	IRASLPTIELALK	13
PPUB-3011	Proteomics_pub	3070555	3070587	-	5	ADLNVPVKDGK	11
PPUB-3012	Proteomics_pub	3070600	3070629	-	5	MTDLDLAGKR	10
PPUB-3013	Proteomics_pub	3070603	3070629	-	5	MTDLDLAGK	9
PPUB-3014	Proteomics_pub	3070603	3070641	-	5	SVIKMTDLDLAGK	13
PPUB-3015	Proteomics_pub	3070955	3071005	-	6	VPTPNVSVVDLTVRLEK	17
PPUB-3016	Proteomics_pub	3071147	3071218	-	6	VINDNFGIIEGLMTTVHATTATQK	24
PPUB-3017	Proteomics_pub	3071447	3071470	-	6	SLQSLPWR	8
PPUB-3018	Proteomics_pub	3071486	3071518	-	6	DQLFVGDDAIR	11
PPUB-3019	Proteomics_pub	3071678	3071710	-	6	TIKVGINGFGR	11
PPUB-3020	Proteomics_pub	3077795	3077833	-	6	VAVEAGIADYWYK	13
PPUB-3021	Proteomics_pub	3077834	3077920	-	6	VVSLPSTDIFDAQDEEYRESVLPSNVAAR	29
PPUB-3022	Proteomics_pub	3078044	3078097	-	6	QNLAQQERTEEQLANIAR	18
PPUB-3023	Proteomics_pub	3078044	3078073	-	6	TEEQLANIAR	10
PPUB-3024	Proteomics_pub	3078098	3078130	-	6	QDGPTALILSR	11
PPUB-3025	Proteomics_pub	3078098	3078145	-	6	YGVERQDGPTALILSR	16
PPUB-3026	Proteomics_pub	3078146	3078208	-	6	VTPNMSTWRPCDQVESAWWK	21
PPUB-3027	Proteomics_pub	3078428	3078475	-	6	AINEDAAGNYIHYGVR	16
PPUB-3028	Proteomics_pub	3078638	3078667	-	6	GEMPSDFDAK	10
PPUB-3029	Proteomics_pub	3078638	3078673	-	6	MKGEMPSDFDAK	12
PPUB-3030	Proteomics_pub	3078677	3078709	-	6	AYPQEADEFTR	11
PPUB-3031	Proteomics_pub	3078767	3078817	-	6	YAPFEIPSEIYAQWDAK	17
PPUB-3032	Proteomics_pub	3078836	3078895	-	6	AGTHDSHGAPLGDAEIALTR	20
PPUB-3033	Proteomics_pub	3078896	3078925	-	6	TIIGFGSPNK	10
PPUB-3034	Proteomics_pub	3078896	3078925	-	6	TVIGFGSPNK	10
PPUB-3035	Proteomics_pub	3078926	3078961	-	6	AVTDKPSLLMCK	12
PPUB-3036	Proteomics_pub	3078980	3079015	-	6	DIDGHDAASIKR	12
PPUB-3037	Proteomics_pub	3078983	3079015	-	6	DIDGHDAASIK	11
PPUB-3038	Proteomics_pub	3079016	3079045	-	6	FEAYGWHVIR	10
PPUB-3039	Proteomics_pub	3079265	3079369	-	6	TPGHPEVGYTAGVETTTGPLGQGIANAVGMAIAEK	35
PPUB-3040	Proteomics_pub	3079481	3079519	-	6	HNPQNPSWADRDR	13
PPUB-3041	Proteomics_pub	3079487	3079519	-	6	HNPQNPSWADR	11
PPUB-3042	Proteomics_pub	3079532	3079588	-	6	SGHPGAPMGDIIEVLWR	19
PPUB-3043	Proteomics_pub	3081169	3081198	-	5	SVDDVIAQVK	10
PPUB-3044	Proteomics_pub	3081199	3081243	-	5	DNGFTVLDACQVNR	15
PPUB-3045	Proteomics_pub	3081199	3081258	-	5	TEFDKDNFTVLDACQVNR	20
PPUB-3046	Proteomics_pub	3081259	3081303	-	5	EGLIDPNHSVQIGIR	15
PPUB-3047	Proteomics_pub	3081418	3081465	-	5	MLSFGGDHFVTLPLLR	16
PPUB-3048	Proteomics_pub	3081523	3081573	-	5	LNVVDCGDLVYAFGDAR	17
PPUB-3049	Proteomics_pub	3081580	3081603	-	5	FPWNFDMR	8
PPUB-3050	Proteomics_pub	3081604	3081660	-	5	HGPAAIRQVSTNLAWEHNR	19
PPUB-3051	Proteomics_pub	3081604	3081639	-	5	QVSTNLAWEHNR	12
PPUB-3052	Proteomics_pub	3081757	3081816	-	5	STLGHQYDNSLSNAFGFLR	20
PPUB-3053	Proteomics_pub	3082494	3082529	-	4	AHRPIIDELQER	12

PPUB-3054	Proteomics_pub	3082746	3082790	-	4	NEYTVPTAPAEDAPR	15
PPUB-3055	Proteomics_pub	3082791	3082844	-	4	AVTAHHTVLVSNIIIGVER	18
PPUB-3056	Proteomics_pub	3083160	3083207	-	4	FGLAATQVLQLVETLR	16
PPUB-3057	Proteomics_pub	3083409	3083435	-	4	SVIVCNGYK	9
PPUB-3058	Proteomics_pub	3083436	3083477	-	4	AELMAVLAHAGMTR	14
PPUB-3059	Proteomics_pub	3083478	3083534	-	4	VIESLIHSGEPLGLEAGSK	19
PPUB-3060	Proteomics_pub	3083553	3083600	-	4	ESYGYNGDYFLVYPIK	16
PPUB-3061	Proteomics_pub	3083637	3083678	-	4	LPALFCFPQILQHR	14
PPUB-3062	Proteomics_pub	3083727	3083822	-	4	TYNIAWWGNYYDVNELGHISVCPDPDVPEAR	32
PPUB-3063	Proteomics_pub	3083832	3083873	-	4	SMQEVAMSSQEASK	14
PPUB-3064	Proteomics_pub	3083874	3083930	-	4	SDDMSMGLPSSAGEHGVLRL	19
PPUB-3065	Proteomics_pub	3093067	3093102	-	5	MNMEEIVALSVK	12
PPUB-3066	Proteomics_pub	3093067	3093099	-	5	NMEEIVALSVK	11
PPUB-3067	Proteomics_pub	3099205	3099231	-	5	SDGLTFHYK	9
PPUB-3068	Proteomics_pub	3099301	3099333	-	5	IIVQEMGESSK	11
PPUB-3069	Proteomics_pub	3099370	3099402	-	5	STLPWIDEGAK	11
PPUB-3070	Proteomics_pub	3099520	3099558	-	5	DDVIVSPQTVQVK	13
PPUB-3071	Proteomics_pub	3099898	3099927	-	5	CTEEHQAIR	10
PPUB-3072	Proteomics_pub	3099994	3100035	-	5	TVDDFINEVIEPNK	14
PPUB-3073	Proteomics_pub	3100036	3100071	-	5	FPEGTSEEQIDK	12
PPUB-3074	Proteomics_pub	3106539	3106562	-	4	GDLVLFDR	8
PPUB-3075	Proteomics_pub	3115770	3115808	-	4	NVNDGQIQGVINK	13
PPUB-3076	Proteomics_pub	3116043	3116072	-	4	YSTTGQNNTR	10
PPUB-3077	Proteomics_pub	3116832	3116864	-	4	TGYLTLGGSQR	11
PPUB-3078	Proteomics_pub	3120925	3120963	-	5	NLLGLMQGTLQEK	13
PPUB-3079	Proteomics_pub	3129906	3129962	-	4	AVDRFDLIAVQQATKPFLR	19
PPUB-3080	Proteomics_pub	3134691	3134723	-	4	ESDIEPLIVVK	11
PPUB-3081	Proteomics_pub	3134964	3135008	-	4	YLLDTEFTVNDELVK	15
PPUB-3082	Proteomics_pub	3135246	3135302	-	4	GLDELGWDAAGQLIDGEGR	19
PPUB-3083	Proteomics_pub	3136056	3136112	-	4	IAEQNVIHSPLPQQGWTR	19
PPUB-3084	Proteomics_pub	3136119	3136163	-	4	DTGHVAIITQLHGK	15
PPUB-3085	Proteomics_pub	3136179	3136214	-	4	APVAGALLIWDK	12
PPUB-3086	Proteomics_pub	3149299	3149340	-	5	DLDLEASAAHPVR	14
PPUB-3087	Proteomics_pub	3149764	3149808	-	5	SLNQANDIAADFGSK	15
PPUB-3088	Proteomics_pub	3149851	3149874	-	5	SVEFFNQK	8
PPUB-3089	Proteomics_pub	3159282	3159317	-	4	GSIGQLLVNVPV	12
PPUB-3090	Proteomics_pub	3159537	3159572	-	4	IDVTAQQGTWER	12
PPUB-3091	Proteomics_pub	3161953	3161985	-	5	IINIPSAEAAAR	11
PPUB-3092	Proteomics_pub	3162304	3162342	-	5	SYAIDPITLPSAR	13
PPUB-3093	Proteomics_pub	3163396	3163437	-	5	EVAQAAIALIDQPK	14
PPUB-3094	Proteomics_pub	3163867	3163908	-	5	ALPFIGDGLKPVQR	14
PPUB-3095	Proteomics_pub	3164157	3164198	-	4	GYPINNPEDVAYS	14
PPUB-3096	Proteomics_pub	3164157	3164219	-	4	LVKPVWGGYTGKPLDNTYTR	21
PPUB-3097	Proteomics_pub	3164448	3164474	-	4	RAGDFMLSR	9
PPUB-3098	Proteomics_pub	3164568	3164648	-	4	LLAEAGYTADKPLTINLLYNTSDLHKK	27
PPUB-3099	Proteomics_pub	3164571	3164648	-	4	LLAEAGYTADKPLTINLLYNTSDLHK	26

PPUB-3100	Proteomics_pub	3164787	3164813	-	4	RALYLTVDR	9
PPUB-3101	Proteomics_pub	3165294	3165380	-	4	SVDPNTASPYASYLQYGHIAIDEILEGK	29
PPUB-3102	Proteomics_pub	3165381	3165434	-	4	WADGTPVTAQDFVYSWQR	18
PPUB-3103	Proteomics_pub	3165381	3165434	-	4	WSDGTPVTAQDFVYSWQR	18
PPUB-3104	Proteomics_pub	3167393	3167419	-	6	WNGVTVTPK	9
PPUB-3105	Proteomics_pub	3167462	3167488	-	6	ISDDLYVFK	9
PPUB-3106	Proteomics_pub	3167507	3167539	-	6	SLRDDTWVTLR	11
PPUB-3107	Proteomics_pub	3172138	3172218	-	5	LADCQERDPALSELYLVEGDSAGGSAK	27
PPUB-3108	Proteomics_pub	3172186	3172218	-	5	LADCTAQLDLNR	11
PPUB-3109	Proteomics_pub	3172474	3172500	-	5	LSAEDIWDR	9
PPUB-3110	Proteomics_pub	3175432	3175512	-	5	SSIMVGEVDATTASGIHGLADENEDIR	27
PPUB-3111	Proteomics_pub	3175513	3175563	-	5	TKPVLSFLASPGGTSER	17
PPUB-3112	Proteomics_pub	3175828	3175854	-	5	GFFSLDLR	9
PPUB-3113	Proteomics_pub	3175894	3175932	-	5	MLKPDNLPVTFGK	13
PPUB-3114	Proteomics_pub	3181862	3181906	-	6	HNMALVTIEDLVAYR	15
PPUB-3115	Proteomics_pub	3181907	3181936	-	6	APECIEFANK	10
PPUB-3116	Proteomics_pub	3182039	3182065	-	6	AQAGGVLTR	9
PPUB-3117	Proteomics_pub	3182066	3182131	-	6	AAIADGAKPSDLNRPGHVFLR	22
PPUB-3118	Proteomics_pub	3182267	3182308	-	6	HGSGIVCLCITEDR	14
PPUB-3119	Proteomics_pub	3182444	3182488	-	6	MNQTLSSFGTPPER	15
PPUB-3120	Proteomics_pub	3182444	3182485	-	6	NQTLSSFGTPPER	14
PPUB-3121	Proteomics_pub	3193483	3193518	-	5	LIAGILPDLVK	12
PPUB-3122	Proteomics_pub	3193837	3193884	-	5	LGTSTVSPIELENAVR	16
PPUB-3123	Proteomics_pub	3194044	3194079	-	5	SEQGMSLLQPGK	12
PPUB-3124	Proteomics_pub	3194536	3194571	-	5	LVGLTGIDDAAR	12
PPUB-3125	Proteomics_pub	3194650	3194682	-	5	ISPEAPVPPVK	11
PPUB-3126	Proteomics_pub	3196713	3196736	-	4	RGLTDNIK	8
PPUB-3127	Proteomics_pub	3213782	3213814	-	6	RFEAEQYDPQR	11
PPUB-3128	Proteomics_pub	3213983	3214024	-	6	LAVKPVQSALVSVR	14
PPUB-3129	Proteomics_pub	3214370	3214411	-	6	IVLGGEALDGFTSR	14
PPUB-3130	Proteomics_pub	3256373	3256402	-	6	VIETMYETGK	10
PPUB-3131	Proteomics_pub	3256373	3256402	-	6	VIETMYETGK	10
PPUB-3132	Proteomics_pub	3256691	3256729	-	6	YLLVASAIGSLYK	13
PPUB-3133	Proteomics_pub	3257600	3257644	-	6	VGIGPSSSHTVGPMK	15
PPUB-3134	Proteomics_pub	3257600	3257644	-	6	IGIGPSSSHTVGPMK	15
PPUB-3135	Proteomics_pub	3257980	3258018	-	5	TGEVPADVAAQAR	13
PPUB-3136	Proteomics_pub	3258233	3258265	-	6	HPEKYPQLTIR	11
PPUB-3137	Proteomics_pub	3258233	3258289	-	6	EMLLDAMENPEKYPQLTIR	19
PPUB-3138	Proteomics_pub	3258254	3258289	-	6	ETLEDAVKHPEK	12
PPUB-3139	Proteomics_pub	3258254	3258289	-	6	EMLLDAMENPEK	12
PPUB-3140	Proteomics_pub	3258290	3258331	-	6	VEGGQHNLNVNVLRR	14
PPUB-3141	Proteomics_pub	3258398	3258445	-	6	DGISYTFIVPNALGK	16
PPUB-3142	Proteomics_pub	3258467	3258499	-	6	GAVASLTSVAK	11
PPUB-3143	Proteomics_pub	3258509	3258553	-	6	AGAPFGPGANPMHGR	15
PPUB-3144	Proteomics_pub	3258509	3258556	-	6	RAGAPFGPGANPMHGR	16
PPUB-3145	Proteomics_pub	3258557	3258583	-	6	KTGNTPDGR	9



PPUB-3146	Proteomics_pub	3258557	3258580	-	6	TGNTPDGR	8
PPUB-3147	Proteomics_pub	3258581	3258640	-	6	DAIPTQSVLTITSNVVYGKK	20
PPUB-3148	Proteomics_pub	3258584	3258640	-	6	DAIPTQSVLTITSNVVYGK	19
PPUB-3149	Proteomics_pub	3258806	3258865	-	6	TMACGIAGLSVAADSLSAIK	20
PPUB-3150	Proteomics_pub	3258866	3258916	-	6	YSYEASLMALHDRDVIR	17
PPUB-3151	Proteomics_pub	3258878	3258916	-	6	YSYEASLMALHDR	13
PPUB-3152	Proteomics_pub	3258917	3258961	-	6	QYITALNIIHYMHDK	15
PPUB-3153	Proteomics_pub	3259067	3259105	-	6	TMLYAINGGVDEK	13
PPUB-3154	Proteomics_pub	3259121	3259144	-	6	QMQFFGAR	8
PPUB-3155	Proteomics_pub	3259145	3259258	-	6	VSIDTSSLQYENDDLMRPDFNDDYAIACCVSPMIVGK	38
PPUB-3156	Proteomics_pub	3259292	3259360	-	6	FLNTLYTMGPSPEPNMTILWSEK	23
PPUB-3157	Proteomics_pub	3259388	3259468	-	6	TPEYDELFSGDPIWATESIGGMGLDGR	27
PPUB-3158	Proteomics_pub	3259493	3259549	-	6	AGKITEQEAQEMVDHLVMK	19
PPUB-3159	Proteomics_pub	3259493	3259540	-	6	ITEQEAQEMVDHLVMK	16
PPUB-3160	Proteomics_pub	3259559	3259591	-	6	TSTFLDVYIER	11
PPUB-3161	Proteomics_pub	3259592	3259624	-	6	SQNGAAMSFGR	11
PPUB-3162	Proteomics_pub	3259844	3259876	-	6	VALYGIDYLMK	11
PPUB-3163	Proteomics_pub	3259904	3259945	-	6	KSGVLTGLPDAYGR	14
PPUB-3164	Proteomics_pub	3259904	3259942	-	6	SGVLTGLPDAYGR	13
PPUB-3165	Proteomics_pub	3259952	3260002	-	6	KTHNQGVFDVYTPDILR	17
PPUB-3166	Proteomics_pub	3259952	3259999	-	6	THNQGVFDVYTPDILR	16
PPUB-3167	Proteomics_pub	3260105	3260140	-	6	IVGLQTEAPLKR	12
PPUB-3168	Proteomics_pub	3260108	3260140	-	6	IVGLQTEAPLK	11
PPUB-3169	Proteomics_pub	3260153	3260227	-	6	THAPVDFDTAVASTITSHDAGYINK	25
PPUB-3170	Proteomics_pub	3260258	3260332	-	6	NYTPYEGDESFLAGATEATTLWDK	25
PPUB-3171	Proteomics_pub	3260678	3260731	-	6	LDAVVFTGGIGENAAMVR	18
PPUB-3172	Proteomics_pub	3260843	3260887	-	6	ESGLLGLTEVTSDCR	15
PPUB-3173	Proteomics_pub	3261629	3261667	-	6	LVLVLNCGSSSLK	13
PPUB-3174	Proteomics_pub	3263217	3263249	-	4	NSMIALIQRNK	11
PPUB-3175	Proteomics_pub	3297644	3297676	-	6	RLEGEESDLAR	11
PPUB-3176	Proteomics_pub	3304170	3304235	-	4	ILNKPMNMQLLGDAQPHTGGER	22
PPUB-3177	Proteomics_pub	3304242	3304277	-	4	GMPGEVLQHFTR	12
PPUB-3178	Proteomics_pub	3304278	3304313	-	4	LFASHSTIELPK	12
PPUB-3179	Proteomics_pub	3304332	3304376	-	4	HIVGAIANEGDISSR	15
PPUB-3180	Proteomics_pub	3304377	3304412	-	4	IEVGRDDGVEVR	12
PPUB-3181	Proteomics_pub	3304413	3304439	-	4	DVGDMQLYR	9
PPUB-3182	Proteomics_pub	3304536	3304574	-	4	TLIVPPDAPMRPK	13
PPUB-3183	Proteomics_pub	3304593	3304655	-	4	IQPTAEGEELDLETLAAALLK	21
PPUB-3184	Proteomics_pub	3304671	3304712	-	4	VQQQLESSDLQYR	14
PPUB-3185	Proteomics_pub	3304740	3304787	-	4	LTIPEVELPNAELLGK	16
PPUB-3186	Proteomics_pub	3304962	3304997	-	4	LDILIATDVAAR	12
PPUB-3187	Proteomics_pub	3305031	3305081	-	4	NGYNAAALNGDMNQALR	17
PPUB-3188	Proteomics_pub	3305082	3305117	-	4	NATLEVAEALER	12
PPUB-3189	Proteomics_pub	3305190	3305255	-	4	IQSSVTTRPDISQSYWTVWGMR	22
PPUB-3190	Proteomics_pub	3305394	3305435	-	4	LSGLVLDEADEMLR	14
PPUB-3191	Proteomics_pub	3305478	3305513	-	4	QGPQIVVGTGPR	12

PPUB-3192	Proteomics_pub	3305541	3305576	-	4	GVNVVALYGGQR	12
PPUB-3193	Proteomics_pub	3305631	3305663	-	4	APQILVLAPTR	11
PPUB-3194	Proteomics_pub	3305664	3305714	-	4	TAAFSLPLLQNLDPELK	17
PPUB-3195	Proteomics_pub	3305715	3305750	-	4	DVLGMAQTGSGK	12
PPUB-3196	Proteomics_pub	3305715	3305750	-	4	DVAGQAQTGTGK	12
PPUB-3197	Proteomics_pub	3305841	3305879	-	4	AEFETTFADLGLK	13
PPUB-3198	Proteomics_pub	3306512	3306538	-	6	GIALYYGGR	9
PPUB-3199	Proteomics_pub	3307058	3307120	-	6	EATEQSQPAAAEAPAAEQGE	21
PPUB-3200	Proteomics_pub	3307166	3307207	-	6	VTDYLQMGQEVVK	14
PPUB-3201	Proteomics_pub	3307217	3307255	-	6	EGLVHISQIADKR	13
PPUB-3202	Proteomics_pub	3307217	3307297	-	6	NLTDYGAFVDLGGVDGLLHITDMAWKR	27
PPUB-3203	Proteomics_pub	3307220	3307255	-	6	EGLVHISQIADK	12
PPUB-3204	Proteomics_pub	3307220	3307297	-	6	NLTDYGAFVDLGGVDGLLHITDMAWK	26
PPUB-3205	Proteomics_pub	3307256	3307297	-	6	IVDFGAFVAIGGGK	14
PPUB-3206	Proteomics_pub	3307322	3307360	-	6	RIEETAEIEVGR	13
PPUB-3207	Proteomics_pub	3307403	3307459	-	6	ALTEETGTTIEIEDDGTVK	19
PPUB-3208	Proteomics_pub	3307529	3307555	-	6	GDISEFAPR	9
PPUB-3209	Proteomics_pub	3307556	3307600	-	6	LHILGVMEQAINAPR	15
PPUB-3210	Proteomics_pub	3307610	3307642	-	6	EIMQVALNQAK	11
PPUB-3211	Proteomics_pub	3307661	3307693	-	6	DGISALQMDIK	11
PPUB-3212	Proteomics_pub	3307709	3307780	-	6	EGDNYVVLSDILGDEDHLGDMDFK	24
PPUB-3213	Proteomics_pub	3307781	3307816	-	6	AAVAGIAMGLVK	12
PPUB-3214	Proteomics_pub	3307913	3307963	-	6	GVLAVMPDMDKFPYTVR	17
PPUB-3215	Proteomics_pub	3307931	3307963	-	6	GVLAVMPDMDK	11
PPUB-3216	Proteomics_pub	3307931	3307966	-	6	RGVLAVMPDMDK	12
PPUB-3217	Proteomics_pub	3308000	3308074	-	6	TDTFLFHYNFPYVSVGETGMVGSFK	25
PPUB-3218	Proteomics_pub	3308075	3308110	-	6	DAQVLDELMGER	12
PPUB-3219	Proteomics_pub	3308111	3308155	-	6	GETQALVTATLGTAR	15
PPUB-3220	Proteomics_pub	3308156	3308182	-	6	THGSALFTR	9
PPUB-3221	Proteomics_pub	3308285	3308368	-	6	SETIATLLAEDETLDENELGEILHAIK	28
PPUB-3222	Proteomics_pub	3308456	3308500	-	6	WDWQPEPVNEALNAR	15
PPUB-3223	Proteomics_pub	3308669	3308731	-	6	VGYINDQYVLNPTQDELKESK	21
PPUB-3224	Proteomics_pub	3308678	3308731	-	6	VGYINDQYVLNPTQDELK	18
PPUB-3225	Proteomics_pub	3308912	3308950	-	6	EGRPSEGETLIAR	13
PPUB-3226	Proteomics_pub	3308912	3308953	-	6	REGRPSEGETLIAR	14
PPUB-3227	Proteomics_pub	3308993	3309043	-	6	AKPGQDFFPLTVNYQER	17
PPUB-3228	Proteomics_pub	3308993	3309046	-	6	KAKPGQDFFPLTVNYQER	18
PPUB-3229	Proteomics_pub	3309116	3309166	-	6	FQYQGHTVTLETGMMAR	17
PPUB-3230	Proteomics_pub	3309116	3309169	-	6	KFQYQGHTVTLETGMMAR	18
PPUB-3231	Proteomics_pub	3309563	3309655	-	6	DANDTGSTEVQVALLTAQINHLQGHFAEHKK	31
PPUB-3232	Proteomics_pub	3309566	3309655	-	6	DANDTGSTEVQVALLTAQINHLQGHFAEHK	30
PPUB-3233	Proteomics_pub	3309954	3309986	-	4	TSGAPLEGLVR	11
PPUB-3234	Proteomics_pub	3310230	3310256	-	4	TIIDDLGEK	9
PPUB-3235	Proteomics_pub	3310961	3310990	-	6	ALQEASGFIR	10
PPUB-3236	Proteomics_pub	3311003	3311047	-	6	VYVTFLNKDEDAVK	15
PPUB-3237	Proteomics_pub	3311066	3311107	-	6	LGMMTTVSGVEMSR	14

PPUB-3238	Proteomics_pub	3311439	3311468	-	4	NGMECGIGVK	10
PPUB-3239	Proteomics_pub	3311469	3311495	-	4	FKDDVNEVR	9
PPUB-3240	Proteomics_pub	3311496	3311540	-	4	DNVVIYEGELESRR	15
PPUB-3241	Proteomics_pub	3311499	3311540	-	4	DNVVIYEGELESR	14
PPUB-3242	Proteomics_pub	3311565	3311612	-	4	FGAIAGCMVTEGVVKR	16
PPUB-3243	Proteomics_pub	3311568	3311612	-	4	FGAIAGCMVTEGVVK	15
PPUB-3244	Proteomics_pub	3311634	3311663	-	4	QQIIGLAEVR	10
PPUB-3245	Proteomics_pub	3311664	3311699	-	4	AAMSGMLSPELK	12
PPUB-3246	Proteomics_pub	3311700	3311738	-	4	YYSVIYNLIDEVK	13
PPUB-3247	Proteomics_pub	3311739	3311771	-	4	KVIEAESLDR	11
PPUB-3248	Proteomics_pub	3311739	3311768	-	4	VIEAESLDR	10
PPUB-3249	Proteomics_pub	3311907	3311954	-	4	ADVQGSVEAISDSLLK	16
PPUB-3250	Proteomics_pub	3312222	3312275	-	4	EGTLHKGDIVLCGFYGR	18
PPUB-3251	Proteomics_pub	3312222	3312257	-	4	GDIVLCGFYGR	12
PPUB-3252	Proteomics_pub	3312276	3312302	-	4	GPVATVLR	9
PPUB-3253	Proteomics_pub	3312276	3312308	-	4	GRGPVATVLR	11
PPUB-3254	Proteomics_pub	3312309	3312350	-	4	GMASGAVIESFLDK	14
PPUB-3255	Proteomics_pub	3312309	3312353	-	4	KGMASGAVIESFLDK	15
PPUB-3256	Proteomics_pub	3312363	3312428	-	4	AGTGIDELLDAILLQAEVLELK	22
PPUB-3257	Proteomics_pub	3312429	3312503	-	4	NELSQYGILPEEWGGESQFVHVS AK	25
PPUB-3258	Proteomics_pub	3312510	3312539	-	4	IDKPEADPDR	10
PPUB-3259	Proteomics_pub	3312540	3312575	-	4	AAQVPVVAVNK	12
PPUB-3260	Proteomics_pub	3312825	3312866	-	4	APVVTIMGHVDHGK	14
PPUB-3261	Proteomics_pub	3312867	3312893	-	4	DTGAAAEPR	9
PPUB-3262	Proteomics_pub	3312867	3312929	-	4	ENELEEAVMSDRDTGAAAEPR	21
PPUB-3263	Proteomics_pub	3312894	3312929	-	4	ENELEEAVMSDR	12
PPUB-3264	Proteomics_pub	3312945	3313022	-	4	LGAMATINQVIDQETAQLVAEEMGHK	26
PPUB-3265	Proteomics_pub	3313023	3313052	-	4	GSQVIKAMMK	10
PPUB-3266	Proteomics_pub	3313113	3313163	-	4	GSSLQQGFQKPAQAVNR	17
PPUB-3267	Proteomics_pub	3313113	3313166	-	4	KGSSLQQGFQKPAQAVNR	18
PPUB-3268	Proteomics_pub	3313284	3313325	-	4	QAEDESDREVEGGR	14
PPUB-3269	Proteomics_pub	3313326	3313394	-	4	WTDNAEPTEDSSDYHVTT SQHAR	23
PPUB-3270	Proteomics_pub	3313800	3313838	-	4	STLNIPGTGGKSK	13
PPUB-3271	Proteomics_pub	3313806	3313838	-	4	STLNIPGTGGK	11
PPUB-3272	Proteomics_pub	3313848	3313880	-	4	NSGPKLTLQR	11
PPUB-3273	Proteomics_pub	3313881	3313910	-	4	QTLIDHLNQK	10
PPUB-3274	Proteomics_pub	3313911	3313946	-	4	KSADDSVSAQEK	12
PPUB-3275	Proteomics_pub	3313911	3313943	-	4	SADDSVSAQEK	11
PPUB-3276	Proteomics_pub	3313944	3313979	-	4	LVQQFADAGIRK	12
PPUB-3277	Proteomics_pub	3313947	3313979	-	4	LVQQFADAGIR	11
PPUB-3278	Proteomics_pub	3314064	3314090	-	4	NICWFGDEA	9
PPUB-3279	Proteomics_pub	3314118	3314195	-	4	GVCTLEDLAEQGIDDLADIEGLTDEK	26
PPUB-3280	Proteomics_pub	3314208	3314315	-	4	NALATIAQAQEEESLGNKPADDLLNLEGVDRDLAFK	36
PPUB-3281	Proteomics_pub	3314322	3314378	-	4	ELLEIEGLDEPTVEALRER	19
PPUB-3282	Proteomics_pub	3314328	3314378	-	4	ELLEIEGLDEPTVEALR	17
PPUB-3283	Proteomics_pub	3314466	3314507	-	4	HQAEAHAAIDTFTK	14

PPUB-3284	Proteomics_pub	3314589	3314642	-	4	HTMDIAVEAGNLAQAIGR	18
PPUB-3285	Proteomics_pub	3314739	3314774	-	4	VQAVSTELGGER	12
PPUB-3286	Proteomics_pub	3314784	3314816	-	4	IDPVGACVGMR	11
PPUB-3287	Proteomics_pub	3314784	3314819	-	4	RIDPVGACVGMR	12
PPUB-3288	Proteomics_pub	3314877	3314918	-	4	IEVPEIGEEVIEIK	14
PPUB-3289	Proteomics_pub	3314919	3314951	-	4	SKPEMLIELFR	11
PPUB-3290	Proteomics_pub	3314976	3315008	-	4	GVLYSVRPEAR	11
PPUB-3291	Proteomics_pub	3315120	3315155	-	4	EHEGEITGVVK	12
PPUB-3292	Proteomics_pub	3315237	3315329	-	4	EITLEAARYEDES LNLGDYVEDQIESVTFDR	31
PPUB-3293	Proteomics_pub	3315237	3315305	-	4	YEDES LNLGDYVEDQIESVTFDR	23
PPUB-3294	Proteomics_pub	3315330	3315365	-	4	WLVVDEV TQPTK	12
PPUB-3295	Proteomics_pub	3315369	3315392	-	4	SGDFD TFR	8
PPUB-3296	Proteomics_pub	3315411	3315437	-	4	KYEQEIDVR	9
PPUB-3297	Proteomics_pub	3315441	3315488	-	4	EKIFEALESALATATK	16
PPUB-3298	Proteomics_pub	3315441	3315482	-	4	IFEALESALATATK	14
PPUB-3299	Proteomics_pub	3315501	3315539	-	4	EILAVVEAVSNEK	13
PPUB-3300	Proteomics_pub	3315600	3315632	-	4	DEVFALSNIQK	11
PPUB-3301	Proteomics_pub	3315717	3315749	-	4	FVGEEVTLVLR	11
PPUB-3302	Proteomics_pub	3315939	3316007	-	4	LTEMITAPVEALGFELVGIEFIR	23
PPUB-3303	Proteomics_pub	3320782	3320832	-	5	VMVEGEDEAQVTEFAHR	17
PPUB-3304	Proteomics_pub	3320878	3320916	-	5	AVTAEVEAALGNR	13
PPUB-3305	Proteomics_pub	3320917	3320961	-	5	YTAGSGDPLEHESVK	15
PPUB-3306	Proteomics_pub	3320962	3320991	-	5	MFPQILVNVR	10
PPUB-3307	Proteomics_pub	3321031	3321087	-	5	TTTGDGIVAGLQVLAAMAR	19
PPUB-3308	Proteomics_pub	3321088	3321129	-	5	IGAENSGHVILLDK	14
PPUB-3309	Proteomics_pub	3321184	3321207	-	5	QLGIPFAR	8
PPUB-3310	Proteomics_pub	3321208	3321261	-	5	GGAVGTLMSNMGLELALK	18
PPUB-3311	Proteomics_pub	3321289	3321324	-	5	VDGDQIMYIIAR	12
PPUB-3312	Proteomics_pub	3321355	3321393	-	5	ADLGIAFDGDGDR	13
PPUB-3313	Proteomics_pub	3321508	3321564	-	5	IVVDCANGATYHIAPNVLR	19
PPUB-3314	Proteomics_pub	3321565	3321603	-	5	ATFPNELSLSELK	13
PPUB-3315	Proteomics_pub	3321652	3321687	-	5	EISCVDSAELGK	12
PPUB-3316	Proteomics_pub	3321976	3322008	-	5	LGWAAGKVLAR	11
PPUB-3317	Proteomics_pub	3322009	3322047	-	5	VGDAPITPDFVLK	13
PPUB-3318	Proteomics_pub	3322054	3322080	-	5	KYFGTDGIR	9
PPUB-3319	Proteomics_pub	3322054	3322077	-	5	YFGTDGIR	8
PPUB-3320	Proteomics_pub	3322358	3322390	-	6	LLLDPGFGFGK	11
PPUB-3321	Proteomics_pub	3323026	3323070	-	5	TPNPGNTMSEQLGDK	15
PPUB-3322	Proteomics_pub	3323371	3323421	-	5	LGPLLYAE EGEVFLGR	17
PPUB-3323	Proteomics_pub	3323539	3323574	-	5	LESQISTLYGGR	12
PPUB-3324	Proteomics_pub	3323581	3323634	-	5	ALGVTFFLPEGDAISASR	18
PPUB-3325	Proteomics_pub	3323659	3323688	-	5	LVPEHDPVHK	10
PPUB-3326	Proteomics_pub	3323689	3323733	-	5	ESTAYHEAGHAIIGR	15
PPUB-3327	Proteomics_pub	3323797	3323823	-	5	VVSMVEFEK	9
PPUB-3328	Proteomics_pub	3323836	3323904	-	5	GTPGFSGADLANLVNEAALFAAR	23
PPUB-3329	Proteomics_pub	3323905	3323949	-	5	RVPLAPDIDAAIIAR	15

PPUB-3330	Proteomics_pub	3323983	3324012	-	5	QVVVGLPDVR	10
PPUB-3331	Proteomics_pub	3324145	3324177	-	5	GAGLGGGHDER	11
PPUB-3332	Proteomics_pub	3324364	3324399	-	5	GVLVVGPPGTGK	12
PPUB-3333	Proteomics_pub	3324430	3324474	-	5	EEVAELVEYLREPSR	15
PPUB-3334	Proteomics_pub	3324730	3324762	-	5	YTTYIPVQDPK	11
PPUB-3335	Proteomics_pub	3324817	3324867	-	5	KVDYSTFLQEVNNDQVR	17
PPUB-3336	Proteomics_pub	3325159	3325194	-	5	VFQGGGFDEYLR	12
PPUB-3337	Proteomics_pub	3325459	3325545	-	5	LFKPGMTVVDLGAAPGGWSQYVVTQIGGK	29
PPUB-3338	Proteomics_pub	3326276	3326311	-	6	TPGGEVEFEVIK	12
PPUB-3339	Proteomics_pub	3326312	3326353	-	6	GLIGKEEDDVVVIK	14
PPUB-3340	Proteomics_pub	3326354	3326419	-	6	IVGDDEADFKQNLISVNSPIAR	22
PPUB-3341	Proteomics_pub	3326354	3326389	-	6	QNLISVNSPIAR	12
PPUB-3342	Proteomics_pub	3326390	3326419	-	6	IVGDDEADFK	10
PPUB-3343	Proteomics_pub	3326501	3326533	-	6	LSNAQVIDVTK	11
PPUB-3344	Proteomics_pub	3326555	3326581	-	6	EQQGFCEGR	9
PPUB-3345	Proteomics_pub	3326582	3326626	-	6	EHGDLKENAEYHAAR	15
PPUB-3346	Proteomics_pub	3326627	3326662	-	6	RPEIIAAIAEAR	12
PPUB-3347	Proteomics_pub	3326672	3326698	-	6	LREELDFLK	9
PPUB-3348	Proteomics_pub	3326711	3326737	-	6	MQAIPMTLR	9
PPUB-3349	Proteomics_pub	3328811	3328849	-	6	YYLISAASGLGVK	13
PPUB-3350	Proteomics_pub	3328850	3328882	-	6	AIAEALGWEDK	11
PPUB-3351	Proteomics_pub	3328943	3328996	-	6	IIISELEKYSQDLATKPR	18
PPUB-3352	Proteomics_pub	3329087	3329155	-	6	SFVVADIPQLIEGAAEGAGLGIR	23
PPUB-3353	Proteomics_pub	3329171	3329221	-	6	VADYPFTTLVPSLGVVR	17
PPUB-3354	Proteomics_pub	3329447	3329491	-	6	VIDQGTGETMGDMTK	15
PPUB-3355	Proteomics_pub	3330956	3331009	-	6	FHAGANVGCGRDHTLFAK	18
PPUB-3356	Proteomics_pub	3330977	3331009	-	6	FHAGANVGCGR	11
PPUB-3357	Proteomics_pub	3331025	3331066	-	6	FGGESVLAGSIIVR	14
PPUB-3358	Proteomics_pub	3331025	3331069	-	6	RFGGESVLAGSIIVR	15
PPUB-3359	Proteomics_pub	3331261	3331293	-	5	AEVVAHGRGEK	11
PPUB-3360	Proteomics_pub	3331270	3331329	-	5	IGVPPFDGGVIKAEVVAHGR	20
PPUB-3361	Proteomics_pub	3331294	3331329	-	5	IGVPPFDGGVIK	12
PPUB-3362	Proteomics_pub	3331444	3331473	-	5	MYAVFQSGGK	10
PPUB-3363	Proteomics_pub	3331444	3331470	-	5	YAVFQSGGK	9
PPUB-3364	Proteomics_pub	3333404	3333439	-	6	LSGAQVMATDLR	12
PPUB-3365	Proteomics_pub	3333524	3333631	-	6	TAPHPAFPTDMQAQFTLLNLVAEGTGFITETVFENR	36
PPUB-3366	Proteomics_pub	3333716	3333760	-	6	NTQPDTLDAVLAKLR	15
PPUB-3367	Proteomics_pub	3333722	3333760	-	6	NAQPDTLDAVLAK	13
PPUB-3368	Proteomics_pub	3334208	3334243	-	6	ASIWALGPLVAR	12
PPUB-3369	Proteomics_pub	3334451	3334483	-	6	LQGEVTISGAK	11
PPUB-3370	Proteomics_pub	3334595	3334621	-	6	AYTPAEWAR	9
PPUB-3371	Proteomics_pub	3334988	3335020	-	6	LYNLPADVLPR	11
PPUB-3372	Proteomics_pub	3335081	3335131	-	6	VDTGGLALLLHLIDLAK	17
PPUB-3373	Proteomics_pub	3335141	3335167	-	6	GITCIDLSR	9
PPUB-3374	Proteomics_pub	3335320	3335349	-	5	GIDGLTAQLK	10
PPUB-3375	Proteomics_pub	3335356	3335382	-	5	QNEWGTLLR	9

PPUB-3376	Proteomics_pub	3335473	3335511	-	5	VTIIDPNGRPPVR	13
PPUB-3377	Proteomics_pub	3335530	3335607	-	5	QAYGQALAMYHGQTYQIAPEQPLGDK	26
PPUB-3378	Proteomics_pub	3335665	3335700	-	5	YAGALVLGQYYK	12
PPUB-3379	Proteomics_pub	3335701	3335742	-	5	TIVDQELLPYVQVK	14
PPUB-3380	Proteomics_pub	3335764	3335790	-	5	LKNEQPQIR	9
PPUB-3381	Proteomics_pub	3336070	3336096	-	5	DGDTIQDTK	9
PPUB-3382	Proteomics_pub	3336178	3336216	-	5	YNHIPDTSSLSIR	13
PPUB-3383	Proteomics_pub	3336256	3336282	-	5	VADITLDPK	9
PPUB-3384	Proteomics_pub	3336283	3336318	-	5	SPVSIGGVVGR	12
PPUB-3385	Proteomics_pub	3347861	3347926	-	6	IVTTPAYMLAQNIAEASGIDK	22
PPUB-3386	Proteomics_pub	3348128	3348184	-	6	NLSNFASLGSECTVDRELK	19
PPUB-3387	Proteomics_pub	3348137	3348184	-	6	NLSNFASLGSECTVDR	16
PPUB-3388	Proteomics_pub	3348185	3348265	-	6	GEIRPLAQADAAELDALIVPGGFGAAK	27
PPUB-3389	Proteomics_pub	3348299	3348352	-	6	QQVDVINHLTGEAMTETR	18
PPUB-3390	Proteomics_pub	3348353	3348388	-	6	SGAQAVCFAPDK	12
PPUB-3391	Proteomics_pub	3350256	3350279	-	4	HGLMGFGR	8
PPUB-3392	Proteomics_pub	3367863	3367949	-	4	ELLTQMGHLYGHVADELATPSSAILDIER	29
PPUB-3393	Proteomics_pub	3368834	3368872	-	6	AVVSVPIIGIVKR	13
PPUB-3394	Proteomics_pub	3368873	3368905	-	6	IEGVANLQATR	11
PPUB-3395	Proteomics_pub	3370708	3370740	-	5	ALAQQLMQERG	11
PPUB-3396	Proteomics_pub	3370711	3370740	-	5	ALAQQLMQER	10
PPUB-3397	Proteomics_pub	3370759	3370785	-	5	KPFGPVDEK	9
PPUB-3398	Proteomics_pub	3370786	3370830	-	5	TVLHYMDVVSPLCR	15
PPUB-3399	Proteomics_pub	3371161	3371229	-	5	AIIDSADGLPMVVYNIPALSGVK	23
PPUB-3400	Proteomics_pub	3371311	3371373	-	5	LIAHVGCVSTAESQQLAASAK	21
PPUB-3401	Proteomics_pub	3371386	3371421	-	5	EQVLEIVAEAAK	12
PPUB-3402	Proteomics_pub	3374574	3374624	-	4	AVGNLELANDEVRFNAR	17
PPUB-3403	Proteomics_pub	3374586	3374624	-	4	AVGNLELANDEV	13
PPUB-3404	Proteomics_pub	3374625	3374657	-	4	DGQIVLNIAPR	11
PPUB-3405	Proteomics_pub	3374772	3374798	-	4	MDLSQLTPR	9
PPUB-3406	Proteomics_pub	3374828	3374863	-	6	DSFLASLSEAER	12
PPUB-3407	Proteomics_pub	3374900	3374941	-	6	LPQLGIEFSGPGAK	14
PPUB-3408	Proteomics_pub	3375155	3375196	-	6	FPHPLMPVYPVAR	14
PPUB-3409	Proteomics_pub	3375197	3375223	-	6	IIMEYLDER	9
PPUB-3410	Proteomics_pub	3375224	3375313	-	6	DNPPQDLIDLNPNSVPTLVLDRETLWESR	30
PPUB-3411	Proteomics_pub	3375314	3375346	-	6	GVSFEIEHVEK	11
PPUB-3412	Proteomics_pub	3375365	3375421	-	6	RSVMTLFSGPTDIYSHQVR	19
PPUB-3413	Proteomics_pub	3375365	3375418	-	6	SVMTLFSGPTDIYSHQVR	18
PPUB-3414	Proteomics_pub	3375933	3375974	-	4	ALMEYDESLRSELR	14
PPUB-3415	Proteomics_pub	3375945	3375974	-	4	ALMEYDESLR	10
PPUB-3416	Proteomics_pub	3375975	3376025	-	4	GGGISGQAGAIRHGITR	17
PPUB-3417	Proteomics_pub	3375990	3376025	-	4	GGGISGQAGAIR	12
PPUB-3418	Proteomics_pub	3376050	3376082	-	4	QPLELVDMVEK	11
PPUB-3419	Proteomics_pub	3376095	3376130	-	4	SLEQYFGRETAR	12
PPUB-3420	Proteomics_pub	3376107	3376130	-	4	SLEQYFGR	8
PPUB-3421	Proteomics_pub	3376131	3376175	-	4	VFIKPGNGKIVINQR	15

PPUB-3422	Proteomics_pub	3376149	3376175	-	4	VFIKPGNGK	9
PPUB-3423	Proteomics_pub	3376197	3376226	-	4	AENQYYGTGR	10
PPUB-3424	Proteomics_pub	3376248	3376310	-	4	LKVYAGNEHNHAAQQPQVLDI	21
PPUB-3425	Proteomics_pub	3376248	3376304	-	4	VYAGNEHNHAAQQPQVLDI	19
PPUB-3426	Proteomics_pub	3376389	3376418	-	4	QATFEEMIAR	10
PPUB-3427	Proteomics_pub	3376419	3376466	-	4	TDKVVYHHTGHIGGIK	16
PPUB-3428	Proteomics_pub	3376419	3376457	-	4	VYYHHTGHIGGIK	13
PPUB-3429	Proteomics_pub	3376491	3376550	-	4	AEYTPHVDTGDIIVLNADK	20
PPUB-3430	Proteomics_pub	3376491	3376556	-	4	HKAEYTPHVDTGDIIVLNADK	22
PPUB-3431	Proteomics_pub	3376605	3376634	-	4	DWYVVVDATGK	10
PPUB-3432	Proteomics_pub	3376605	3376637	-	4	RDWYVVVDATGK	11
PPUB-3433	Proteomics_pub	3376635	3376667	-	4	TFTAKPETVKR	11
PPUB-3434	Proteomics_pub	3376638	3376667	-	4	TFTAKPETVK	10
PPUB-3435	Proteomics_pub	3381355	3381387	-	5	DIALGEEFVNK	11
PPUB-3436	Proteomics_pub	3381388	3381453	-	5	SIGTLSAFEQNALEGMMLDTLKK	22
PPUB-3437	Proteomics_pub	3381475	3381504	-	5	FFSQPLLLGK	10
PPUB-3438	Proteomics_pub	3381505	3381570	-	5	ALQGEQGVVECAVVEGDGQYAR	22
PPUB-3439	Proteomics_pub	3381592	3381639	-	5	AGGGSATLSMGQAAAR	16
PPUB-3440	Proteomics_pub	3381640	3381675	-	5	IQNAGTEVVEAK	12
PPUB-3441	Proteomics_pub	3381640	3381678	-	5	RIQNAGTEVVEAK	13
PPUB-3442	Proteomics_pub	3381805	3381831	-	5	SNTFVAELK	9
PPUB-3443	Proteomics_pub	3381832	3381864	-	5	LFGVTTLDIIR	11
PPUB-3444	Proteomics_pub	3381892	3381957	-	5	ACIGIITNPVNTTVAIAAEVLK	22
PPUB-3445	Proteomics_pub	3381994	3382029	-	5	SDLFNVNAGIVK	12
PPUB-3446	Proteomics_pub	3382048	3382122	-	5	GFSGEDATPALEGADVVLISAGVAR	25
PPUB-3447	Proteomics_pub	3382129	3382227	-	5	TQLPSGSELSLYDIAPVTPGVAVDLSHIPTAVK	33
PPUB-3448	Proteomics_pub	3382228	3382284	-	5	VAVLGAAGGIGQALALLLK	19
PPUB-3449	Proteomics_pub	3388638	3388682	-	4	EGQSLPVGVGQPTLK	15
PPUB-3450	Proteomics_pub	3389658	3389729	-	4	VQTLGAVEHSPLYTSVDPLQSMR	24
PPUB-3451	Proteomics_pub	3389844	3389882	-	4	DGSYNIDQGVGVR	13
PPUB-3452	Proteomics_pub	3389958	3389999	-	4	HQDLFAILGQLAER	14
PPUB-3453	Proteomics_pub	3390948	3390977	-	4	NGIHTTIGK	10
PPUB-3454	Proteomics_pub	3392424	3392462	-	4	ASNLTAVIPDYSK	13
PPUB-3455	Proteomics_pub	3398069	3398116	-	6	ALEMIDMHGGDLFSEE	16
PPUB-3456	Proteomics_pub	3398129	3398194	-	6	LLMEETGIPVVVAEDPLTCVAR	22
PPUB-3457	Proteomics_pub	3398207	3398242	-	6	GMVLTGGGALLR	12
PPUB-3458	Proteomics_pub	3398414	3398452	-	6	HEIGSAYPGDEV	13
PPUB-3459	Proteomics_pub	3398414	3398458	-	6	IKHEIGSAYPGDEV	15
PPUB-3460	Proteomics_pub	3398459	3398497	-	6	NYGSLIGEATAER	13
PPUB-3461	Proteomics_pub	3398459	3398500	-	6	RNYGSLIGEATAER	14
PPUB-3462	Proteomics_pub	3398501	3398530	-	6	FDEAIINYVR	10
PPUB-3463	Proteomics_pub	3398501	3398545	-	6	IGGDRFDEAIINYVR	15
PPUB-3464	Proteomics_pub	3398702	3398737	-	6	AIRESAQGAGAR	12
PPUB-3465	Proteomics_pub	3398738	3398782	-	6	VLVCPVPGATQVERR	15
PPUB-3466	Proteomics_pub	3398741	3398782	-	6	VLVCPVPGATQVER	14
PPUB-3467	Proteomics_pub	3398843	3398878	-	6	DGVIADFFVTEK	12

PPUB-3468	Proteomics_pub	3398930	3398959	-	6	SVAAVGHDAK	10
PPUB-3469	Proteomics_pub	3398975	3399028	-	6	GQGIVLNEPSVVAIRQDR	18
PPUB-3470	Proteomics_pub	3398984	3399028	-	6	GQGIVLNEPSVVAIR	15
PPUB-3471	Proteomics_pub	3428465	3428497	-	6	ILLIGAGGASR	11
PPUB-3472	Proteomics_pub	3428525	3428575	-	6	LLGDNTDGVLLSDLER	17
PPUB-3473	Proteomics_pub	3428591	3428647	-	6	ADELTERAALAGAVNTLMR	19
PPUB-3474	Proteomics_pub	3428648	3428692	-	6	GANVTVPFKEEFAR	15
PPUB-3475	Proteomics_pub	3428693	3428755	-	6	VLAPINDFINTLNAFFSAGGK	21
PPUB-3476	Proteomics_pub	3428874	3428900	-	4	DALTGELFR	9
PPUB-3477	Proteomics_pub	3428922	3428972	-	4	AQFGAAFPVVPGETGGR	17
PPUB-3478	Proteomics_pub	3429123	3429173	-	4	WPGPVTVFVPAPATTPR	17
PPUB-3479	Proteomics_pub	3429375	3429416	-	4	DAIAAAIDVLNEER	14
PPUB-3480	Proteomics_pub	3437659	3437712	-	5	AGDNAPMAYIELVDRSEK	18
PPUB-3481	Proteomics_pub	3437668	3437712	-	5	AGDNAPMAYIELVDR	15
PPUB-3482	Proteomics_pub	3437752	3437787	-	5	LFNELGPRFASR	12
PPUB-3483	Proteomics_pub	3437764	3437787	-	5	LFNELGPR	8
PPUB-3484	Proteomics_pub	3437788	3437814	-	5	TRDNEIVAK	9
PPUB-3485	Proteomics_pub	3437833	3437883	-	5	VVEPLITLAKTDSVANR	17
PPUB-3486	Proteomics_pub	3437854	3437886	-	5	RVVEPLITLAK	11
PPUB-3487	Proteomics_pub	3437854	3437883	-	5	VVEPLITLAK	10
PPUB-3488	Proteomics_pub	3438065	3438100	-	6	LENWPPASIAD	12
PPUB-3489	Proteomics_pub	3438122	3438157	-	6	SLTEIKDVLASR	12
PPUB-3490	Proteomics_pub	3438200	3438238	-	6	AEAIHYIGDLVQR	13
PPUB-3491	Proteomics_pub	3438257	3438322	-	6	EKPEFDPILLRPVDDLELTVR	22
PPUB-3492	Proteomics_pub	3438338	3438394	-	6	AATILAEQLEAFVDLRDVR	19
PPUB-3493	Proteomics_pub	3438347	3438394	-	6	AATILAEQLEAFVDLR	16
PPUB-3494	Proteomics_pub	3438347	3438397	-	6	RAATILAEQLEAFVDLR	17
PPUB-3495	Proteomics_pub	3438395	3438451	-	6	LVIEMETNGTIDPEEAIRR	19
PPUB-3496	Proteomics_pub	3438398	3438451	-	6	LVIEMETNGTIDPEEAIR	18
PPUB-3497	Proteomics_pub	3438467	3438505	-	6	IAYNVEAARVEQR	13
PPUB-3498	Proteomics_pub	3438479	3438505	-	6	IAYNVEAAR	9
PPUB-3499	Proteomics_pub	3438506	3438541	-	6	LLVDACYSPVER	12
PPUB-3500	Proteomics_pub	3438542	3438577	-	6	IHSEEDERPIGR	12
PPUB-3501	Proteomics_pub	3438578	3438607	-	6	GRGYVPASTR	10
PPUB-3502	Proteomics_pub	3438578	3438601	-	6	GYVPASTR	8
PPUB-3503	Proteomics_pub	3438740	3438766	-	6	DEVILTLNK	9
PPUB-3504	Proteomics_pub	3438740	3438778	-	6	VQ GKDEVILTLNK	13
PPUB-3505	Proteomics_pub	3438779	3438838	-	6	EGVQEDILEILLNLKGLAVR	20
PPUB-3506	Proteomics_pub	3438794	3438838	-	6	EGVQEDILEILLNLK	15
PPUB-3507	Proteomics_pub	3438917	3438952	-	6	GFGHTLGNALRR	12
PPUB-3508	Proteomics_pub	3438920	3438952	-	6	GFGHTLGNALR	11
PPUB-3509	Proteomics_pub	3438977	3439015	-	6	LVDIEQVSSTHAK	13
PPUB-3510	Proteomics_pub	3439016	3439051	-	6	MQGSVTEFLKPR	12
PPUB-3511	Proteomics_pub	3439080	3439133	-	4	SDLSADINEHLIVELYSK	18
PPUB-3512	Proteomics_pub	3439149	3439202	-	4	EKPTWLEVDAGKMEGTFK	18
PPUB-3513	Proteomics_pub	3439167	3439202	-	4	EKPTWLEVDAGK	12



PPUB-3514	Proteomics_pub	3439203	3439235	-	4	VKAALELAEQR	11
PPUB-3515	Proteomics_pub	3439254	3439313	-	4	VVNIASYQVSPNDVVSIREK	20
PPUB-3516	Proteomics_pub	3439260	3439313	-	4	VVNIASYQVSPNDVVSIR	18
PPUB-3517	Proteomics_pub	3439386	3439448	-	4	GNTGENLLALLEGRLDNVVYR	21
PPUB-3518	Proteomics_pub	3439407	3439448	-	4	GNTGENLLALLEGR	14
PPUB-3519	Proteomics_pub	3439407	3439454	-	4	LKGNTGENLLALLEGR	16
PPUB-3520	Proteomics_pub	3439479	3439508	-	4	IYGVLERQFR	10
PPUB-3521	Proteomics_pub	3439524	3439556	-	4	LSDYGVQLREK	11
PPUB-3522	Proteomics_pub	3439530	3439556	-	4	LSDYGVQLR	9
PPUB-3523	Proteomics_pub	3439566	3439604	-	4	CKIEQAPGQHGAR	13
PPUB-3524	Proteomics_pub	3439566	3439598	-	4	IEQAPGQHGAR	11
PPUB-3525	Proteomics_pub	3439620	3439655	-	4	EGTDLFLKSGVR	12
PPUB-3526	Proteomics_pub	3439632	3439655	-	4	EGTDLFLK	8
PPUB-3527	Proteomics_pub	3439632	3439658	-	4	REGTDLFLK	9
PPUB-3528	Proteomics_pub	3439746	3439802	-	4	ITNITDVTPIPHNGCRPPK	19
PPUB-3529	Proteomics_pub	3439881	3439913	-	4	CADAVKEYGIK	11
PPUB-3530	Proteomics_pub	3439914	3439952	-	4	KSTPFAAQVAAER	13
PPUB-3531	Proteomics_pub	3439914	3439949	-	4	STPFAAQVAAER	12
PPUB-3532	Proteomics_pub	3439962	3440009	-	4	QGNALGWATAGGSGFR	16
PPUB-3533	Proteomics_pub	3440010	3440081	-	4	KQVSDGVAHIHASFNNTIVTITDR	24
PPUB-3534	Proteomics_pub	3440010	3440078	-	4	QVSDGVAHIHASFNNTIVTITDR	23
PPUB-3535	Proteomics_pub	3440233	3440256	-	5	LMDLGCYR	8
PPUB-3536	Proteomics_pub	3440233	3440259	-	5	RLMDLGCYR	9
PPUB-3537	Proteomics_pub	3440281	3440307	-	5	FVVEGDLRR	9
PPUB-3538	Proteomics_pub	3440308	3440361	-	5	ISELSEGQIDTLRDEVAK	18
PPUB-3539	Proteomics_pub	3440323	3440361	-	5	ISELSEGQIDTLR	13
PPUB-3540	Proteomics_pub	3440362	3440400	-	5	AILAAAGIAEDVK	13
PPUB-3541	Proteomics_pub	3440407	3440454	-	5	HAVIALTSIYGVGKTR	16
PPUB-3542	Proteomics_pub	3440413	3440454	-	5	HAVIALTSIYGVGK	14
PPUB-3543	Proteomics_pub	3440455	3440490	-	5	ARIAGINIPDHK	12
PPUB-3544	Proteomics_pub	3440455	3440484	-	5	IAGINIPDHK	10
PPUB-3545	Proteomics_pub	3441028	3441075	-	5	SGAFVPGIRPGEQTAK	16
PPUB-3546	Proteomics_pub	3441316	3441354	-	5	RVYAAQSTHLPLK	13
PPUB-3547	Proteomics_pub	3441316	3441351	-	5	VYAAQSTHLPLK	12
PPUB-3548	Proteomics_pub	3442081	3442116	-	5	AKQPGLDFQSAK	12
PPUB-3549	Proteomics_pub	3442081	3442110	-	5	QPGLDFQSAK	10
PPUB-3550	Proteomics_pub	3442130	3442165	-	6	AAIEAAGGKIEE	12
PPUB-3551	Proteomics_pub	3442184	3442234	-	6	VILAGEVTPVTVRGLR	17
PPUB-3552	Proteomics_pub	3442193	3442234	-	6	VILAGEVTPVTVR	14
PPUB-3553	Proteomics_pub	3442235	3442273	-	6	AANIIGIQIEFAK	13
PPUB-3554	Proteomics_pub	3442274	3442309	-	6	VEGGVVDLNTLK	12
PPUB-3555	Proteomics_pub	3442385	3442417	-	6	GFEGGQMPLYR	11
PPUB-3556	Proteomics_pub	3442385	3442420	-	6	RGFEGGQMPLYR	12
PPUB-3557	Proteomics_pub	3442523	3442555	-	6	LNTLSPAEGSK	11
PPUB-3558	Proteomics_pub	3442523	3442561	-	6	MRLNTLSPAEGSK	13
PPUB-3559	Proteomics_pub	3442577	3442609	-	6	GMINAVSFMVK	11

PPUB-3560	Proteomics_pub	3442610	3442651	-	6	IGHTVEREDTPAIR	14
PPUB-3561	Proteomics_pub	3442652	3442681	-	6	ATLLGLGLRR	10
PPUB-3562	Proteomics_pub	3442655	3442687	-	6	HKATLLGLGLR	11
PPUB-3563	Proteomics_pub	3442781	3442837	-	6	ATIDGLENMNSPEMVAAKR	19
PPUB-3564	Proteomics_pub	3442784	3442837	-	6	ATIDGLENMNSPEMVAAK	18
PPUB-3565	Proteomics_pub	3442838	3442873	-	6	AYGSTNPINVVRR	12
PPUB-3566	Proteomics_pub	3442874	3442915	-	6	AVLEVAGVHNVLAK	14
PPUB-3567	Proteomics_pub	3442916	3442972	-	6	VFMQPASEGTGIAGGAMR	19
PPUB-3568	Proteomics_pub	3442994	3443044	-	6	NMINVALNNGTLQHPVK	17
PPUB-3569	Proteomics_pub	3442994	3443047	-	6	RNMINVALNNGTLQHPVK	18
PPUB-3570	Proteomics_pub	3443066	3443095	-	6	AREVPAAIQK	10
PPUB-3571	Proteomics_pub	3443117	3443164	-	6	IFSFTALTVVGDGNGR	16
PPUB-3572	Proteomics_pub	3443314	3443337	-	5	SGFQYHGR	8
PPUB-3573	Proteomics_pub	3443338	3443364	-	5	GIKDVSFDR	9
PPUB-3574	Proteomics_pub	3443377	3443415	-	5	DAAAAVGKAVAER	13
PPUB-3575	Proteomics_pub	3443392	3443430	-	5	YTGNKDAAAAGVK	13
PPUB-3576	Proteomics_pub	3443452	3443520	-	5	HIYAQVIAPNGSEVLVAASTVEK	23
PPUB-3577	Proteomics_pub	3443545	3443571	-	5	KLQELGATR	9
PPUB-3578	Proteomics_pub	3443716	3443760	-	5	GADKQVIGQVAADLR	15
PPUB-3579	Proteomics_pub	3443716	3443748	-	5	QVIGQVAADLR	11
PPUB-3580	Proteomics_pub	3443761	3443865	-	5	GNVINLSLGFSPVDHQLPAGITAECPQTQTEIVLK	35
PPUB-3581	Proteomics_pub	3443878	3443907	-	5	KLQLVGVGYR	10
PPUB-3582	Proteomics_pub	3443878	3443904	-	5	LQLVGVGYR	9
PPUB-3583	Proteomics_pub	3443908	3443955	-	5	ALLNSMVIGVTEGFTK	16
PPUB-3584	Proteomics_pub	3443956	3443997	-	5	DGYADGWAQAGTAR	14
PPUB-3585	Proteomics_pub	3443956	3444030	-	5	HADNTLTFGPRDGYADGWAQAGTAR	25
PPUB-3586	Proteomics_pub	3443998	3444030	-	5	HADNTLTFGPR	11
PPUB-3587	Proteomics_pub	3443998	3444057	-	5	TLNDAVEVKHADNTLTFGPR	20
PPUB-3588	Proteomics_pub	3444031	3444057	-	5	TLNDAVEVK	9
PPUB-3589	Proteomics_pub	3444109	3444144	-	5	APVVVPAGVDVK	12
PPUB-3590	Proteomics_pub	3444178	3444216	-	5	QAGLGGEIICYVA	13
PPUB-3591	Proteomics_pub	3444244	3444285	-	5	VMAGLGIADVSTSK	14
PPUB-3592	Proteomics_pub	3444376	3444444	-	5	EEGFIEDFKVEGDTKPELELTLK	23
PPUB-3593	Proteomics_pub	3444376	3444417	-	5	VEGDTKPELELTLK	14
PPUB-3594	Proteomics_pub	3444418	3444444	-	5	EEGFIEDFK	9
PPUB-3595	Proteomics_pub	3444418	3444468	-	5	VAIANVLKEEGFIEDFK	17
PPUB-3596	Proteomics_pub	3444475	3444501	-	5	AAVTMPSSK	9
PPUB-3597	Proteomics_pub	3444529	3444564	-	5	SMQDPIADMLTR	12
PPUB-3598	Proteomics_pub	3444682	3444711	-	5	QTGRPHGFLR	10
PPUB-3599	Proteomics_pub	3444766	3444822	-	5	AIISDVNASDEDRWNAVLK	19
PPUB-3600	Proteomics_pub	3444784	3444822	-	5	AIISDVNASDEDR	13
PPUB-3601	Proteomics_pub	3444838	3444867	-	5	VALADKYFAK	10
PPUB-3602	Proteomics_pub	3444924	3444959	-	4	ALLAAFDFPFRK	12
PPUB-3603	Proteomics_pub	3444927	3444959	-	4	ALLAAFDFPFR	11
PPUB-3604	Proteomics_pub	3444978	3445010	-	4	GLDITITTTAK	11
PPUB-3605	Proteomics_pub	3445017	3445061	-	4	EQIIFPEIDYDKVDR	15

PPUB-3606	Proteomics_pub	3445026	3445061	-	4	EQIIFPEIDYDK	12
PPUB-3607	Proteomics_pub	3445062	3445085	-	4	GNYSMGVR	8
PPUB-3608	Proteomics_pub	3445155	3445175	-	4	MWEFFER	7
PPUB-3609	Proteomics_pub	3445197	3445226	-	4	IRQGYPIGCK	10
PPUB-3610	Proteomics_pub	3445197	3445220	-	4	QGYPIGCK	8
PPUB-3611	Proteomics_pub	3445248	3445316	-	4	LLDNAAADLAAISGQKPLITKAR	23
PPUB-3612	Proteomics_pub	3445254	3445319	-	4	KLLDNAAADLAAISGQKPLITK	22
PPUB-3613	Proteomics_pub	3445254	3445316	-	4	LLDNAAADLAAISGQKPLITK	21
PPUB-3614	Proteomics_pub	3445317	3445361	-	4	ITLNMGVGEAIADKK	15
PPUB-3615	Proteomics_pub	3445320	3445361	-	4	ITLNMGVGEAIADK	14
PPUB-3616	Proteomics_pub	3445371	3445418	-	4	KLMTEFNYSVMQVPR	16
PPUB-3617	Proteomics_pub	3445371	3445415	-	4	LMTEFNYSVMQVPR	15
PPUB-3618	Proteomics_pub	3445419	3445451	-	4	LHDYKDEVVK	11
PPUB-3619	Proteomics_pub	3445517	3445543	-	6	VGFRFEDGK	9
PPUB-3620	Proteomics_pub	3445544	3445606	-	6	EAAIQVSNVAIFNAATGKADR	21
PPUB-3621	Proteomics_pub	3445553	3445606	-	6	EAAIQVSNVAIFNAATGK	18
PPUB-3622	Proteomics_pub	3445607	3445657	-	6	HQKVPALNQPGGIVEK	17
PPUB-3623	Proteomics_pub	3445607	3445660	-	6	KHQKVPALNQPGGIVEK	18
PPUB-3624	Proteomics_pub	3445658	3445690	-	6	VIVEGINLVKK	11
PPUB-3625	Proteomics_pub	3445661	3445690	-	6	VIVEGINLVK	10
PPUB-3626	Proteomics_pub	3445739	3445768	-	6	DDEVIVLTGK	10
PPUB-3627	Proteomics_pub	3445739	3445771	-	6	RDDEVIVLTGK	11
PPUB-3628	Proteomics_pub	3445878	3445937	-	4	FDGNACVLLNNNSEQPIGTR	20
PPUB-3629	Proteomics_pub	3446052	3446081	-	4	RYAGVGDIIK	10
PPUB-3630	Proteomics_pub	3446052	3446078	-	4	YAGVGDIIK	9
PPUB-3631	Proteomics_pub	3446118	3446171	-	4	MIQEQTMLNVADNSGARR	18
PPUB-3632	Proteomics_pub	3446121	3446168	-	4	IQEQTMLNVADNSGAR	16
PPUB-3633	Proteomics_pub	3446121	3446171	-	4	MIQEQTMLNVADNSGAR	17
PPUB-3634	Proteomics_pub	3446348	3446377	-	6	SWTLVRVVEK	10
PPUB-3635	Proteomics_pub	3446405	3446461	-	6	LHVHDENNECGIGDVVEIR	19
PPUB-3636	Proteomics_pub	3446483	3446509	-	6	FVKHPIYGK	9
PPUB-3637	Proteomics_pub	3446593	3446619	-	5	TLLNEKAGA	9
PPUB-3638	Proteomics_pub	3446650	3446694	-	5	MQAASGQLQQSHLLK	15
PPUB-3639	Proteomics_pub	3446695	3446754	-	5	SVEELNTELLNLLREQFNLR	20
PPUB-3640	Proteomics_pub	3446713	3446760	-	5	EKSVEELNTELLNLLR	16
PPUB-3641	Proteomics_pub	3446713	3446754	-	5	SVEELNTELLNLLR	14
PPUB-3642	Proteomics_pub	3446850	3446891	-	4	VLYEMDGVPEELAR	14
PPUB-3643	Proteomics_pub	3446892	3446939	-	4	GKGNVEYWVALIQPGK	16
PPUB-3644	Proteomics_pub	3446892	3446933	-	4	GNVEYWVALIQPGK	14
PPUB-3645	Proteomics_pub	3447090	3447137	-	4	GLAQGTDVSVFGSFLK	16
PPUB-3646	Proteomics_pub	3447090	3447143	-	4	NRGLAQGTDVSVFGSFLK	18
PPUB-3647	Proteomics_pub	3447231	3447293	-	4	GEILGGMAAVEQPEKPAAQPK	21
PPUB-3648	Proteomics_pub	3447231	3447308	-	4	VWIFKGEILGGMAAVEQPEKPAAQPK	26
PPUB-3649	Proteomics_pub	3447309	3447368	-	4	ADIDYNTSEAHTTYGVIGVK	20
PPUB-3650	Proteomics_pub	3447369	3447398	-	4	EGRVPLHLTLR	10
PPUB-3651	Proteomics_pub	3447525	3447563	-	4	LVADSITSQLERR	13

PPUB-3652	Proteomics_pub	3447528	3447584	-	4	KPELDAKLVADSITSQLER	19
PPUB-3653	Proteomics_pub	3447528	3447563	-	4	LVADSITSQLER	12
PPUB-3654	Proteomics_pub	3447585	3447641	-	4	KVVADIAGVPAQINIAEVR	19
PPUB-3655	Proteomics_pub	3447585	3447638	-	4	VVADIAGVPAQINIAEVR	18
PPUB-3656	Proteomics_pub	3447669	3447710	-	4	VTIHTARPGIVIGK	14
PPUB-3657	Proteomics_pub	3447786	3447824	-	4	EFADNLDSDFKVR	13
PPUB-3658	Proteomics_pub	3447792	3447824	-	4	EFADNLDSDFK	11
PPUB-3659	Proteomics_pub	3447825	3447872	-	4	LGIVKPWNSTWFANTK	16
PPUB-3660	Proteomics_pub	3447926	3447961	-	6	RTSHITVVVSDR	12
PPUB-3661	Proteomics_pub	3447926	3447958	-	6	TSHITVVVSDR	11
PPUB-3662	Proteomics_pub	3448004	3448036	-	6	IFVDEGPSMKR	11
PPUB-3663	Proteomics_pub	3448007	3448036	-	6	IFVDEGPSMK	10
PPUB-3664	Proteomics_pub	3448037	3448108	-	6	VLESAIANAHEHNDGADIDDLKVTK	24
PPUB-3665	Proteomics_pub	3448046	3448111	-	6	KVLESAIANAHEHNDGADIDDLK	22
PPUB-3666	Proteomics_pub	3448046	3448108	-	6	VLESAIANAHEHNDGADIDDLK	21
PPUB-3667	Proteomics_pub	3448130	3448171	-	6	VSQALDILTYTNKK	14
PPUB-3668	Proteomics_pub	3448133	3448174	-	6	KVSQALDILTYTNK	14
PPUB-3669	Proteomics_pub	3448133	3448171	-	6	VSQALDILTYTNK	13
PPUB-3670	Proteomics_pub	3448175	3448201	-	6	LVADLIRGK	9
PPUB-3671	Proteomics_pub	3448288	3448314	-	5	TYRGHAADK	9
PPUB-3672	Proteomics_pub	3448315	3448338	-	5	LGEFAPTR	8
PPUB-3673	Proteomics_pub	3448339	3448383	-	5	QHVPVFTDEMVGHK	15
PPUB-3674	Proteomics_pub	3448384	3448440	-	5	RSTIFPNMIGLTIAVHNGR	19
PPUB-3675	Proteomics_pub	3448384	3448437	-	5	STIFPNMIGLTIAVHNGR	18
PPUB-3676	Proteomics_pub	3448453	3448485	-	5	AVESGDKKPLR	11
PPUB-3677	Proteomics_pub	3448498	3448527	-	5	GPFIDLHLLK	10
PPUB-3678	Proteomics_pub	3448498	3448530	-	5	KGPFIDLHLLK	11
PPUB-3679	Proteomics_pub	3448628	3448660	-	6	HPVTPWGVQTK	11
PPUB-3680	Proteomics_pub	3448628	3448672	-	6	NFGKHPVTPWGVQTK	15
PPUB-3681	Proteomics_pub	3448673	3448723	-	6	GTAMNPVDHPPHGGGEGR	17
PPUB-3682	Proteomics_pub	3448778	3448819	-	6	ATLGEVGNAEHMLR	14
PPUB-3683	Proteomics_pub	3448862	3448918	-	6	SAGTYVQIVARDGAYVTLR	19
PPUB-3684	Proteomics_pub	3448886	3448936	-	6	GGQLARSAGTYVQIVAR	17
PPUB-3685	Proteomics_pub	3448886	3448918	-	6	SAGTYVQIVAR	11
PPUB-3686	Proteomics_pub	3448919	3448987	-	6	NIPVGSTVHNVEMKPGKGGQLAR	23
PPUB-3687	Proteomics_pub	3448937	3448987	-	6	NIPVGSTVHNVEMKPGK	17
PPUB-3688	Proteomics_pub	3448988	3449053	-	6	AGDQIQSGVDAAIKPGNTLPMR	22
PPUB-3689	Proteomics_pub	3449096	3449125	-	6	SANIALVLYK	10
PPUB-3690	Proteomics_pub	3449126	3449173	-	6	DGIPAVVERLEYDPNR	16
PPUB-3691	Proteomics_pub	3449147	3449173	-	6	DGIPAVVER	9
PPUB-3692	Proteomics_pub	3449147	3449179	-	6	NKDGPVAVVER	11
PPUB-3693	Proteomics_pub	3449198	3449230	-	6	HIGGGHKQAYR	11
PPUB-3694	Proteomics_pub	3449270	3449308	-	6	GKPFAPLLEKNSK	13
PPUB-3695	Proteomics_pub	3449279	3449308	-	6	GKPFAPLLEK	10
PPUB-3696	Proteomics_pub	3449279	3449332	-	6	VVNPELHKGKPFAPLLEK	18
PPUB-3697	Proteomics_pub	3449309	3449332	-	6	VVNPELHK	8

PPUB-3698	Proteomics_pub	3449407	3449442	-	5	EGQNLDVFGGAE	12
PPUB-3699	Proteomics_pub	3449515	3449559	-	5	LFEVEVEVVNTLVVK	15
PPUB-3700	Proteomics_pub	3449608	3449649	-	5	ASTAMEKSNTIVLK	14
PPUB-3701	Proteomics_pub	3449650	3449679	-	5	VLRAPHVSEK	10
PPUB-3702	Proteomics_pub	3449754	3449798	-	4	DATGIDPVSLIAFDK	15
PPUB-3703	Proteomics_pub	3449754	3449810	-	4	VDVRDATGIDPVSLIAFDK	19
PPUB-3704	Proteomics_pub	3449823	3449891	-	4	DMALEDVLIITGELDENLFLAAR	23
PPUB-3705	Proteomics_pub	3449823	3449897	-	4	LKDMALEDVLIITGELDENLFLAAR	25
PPUB-3706	Proteomics_pub	3449940	3449966	-	4	QDRLIVVEK	9
PPUB-3707	Proteomics_pub	3449958	3449990	-	4	SILSELVRQDR	11
PPUB-3708	Proteomics_pub	3450024	3450071	-	4	SGGVTFAARPQDHSQK	16
PPUB-3709	Proteomics_pub	3450126	3450161	-	4	A EVTGS GKKPWR	12
PPUB-3710	Proteomics_pub	3450138	3450167	-	4	TRAEVTGSGK	10
PPUB-3711	Proteomics_pub	3450189	3450290	-	4	DAQSALTVSETTFGRDFNEALVHQVVVAYAAGAR	34
PPUB-3712	Proteomics_pub	3450189	3450245	-	4	DFNEALVHQVVVAYAAGAR	19
PPUB-3713	Proteomics_pub	3450246	3450290	-	4	DAQSALTVSETTFGR	15
PPUB-3714	Proteomics_pub	3450322	3450378	-	5	GAVPGATGSDLIVKPAVKA	19
PPUB-3715	Proteomics_pub	3450325	3450378	-	5	GAVPGATGSDLIVKPAVK	18
PPUB-3716	Proteomics_pub	3450412	3450468	-	5	MAGQMGNERVTVQSLDVVR	19
PPUB-3717	Proteomics_pub	3450412	3450441	-	5	VTVQSLDVVR	10
PPUB-3718	Proteomics_pub	3450442	3450471	-	5	KMAGQMGNER	10
PPUB-3719	Proteomics_pub	3450442	3450468	-	5	MAGQMGNER	9
PPUB-3720	Proteomics_pub	3450526	3450564	-	5	TQDATHGNSLSHR	13
PPUB-3721	Proteomics_pub	3450580	3450606	-	5	GKGFAGTVK	9
PPUB-3722	Proteomics_pub	3450634	3450699	-	5	LAEGEFTVGQSISVELFADVK	22
PPUB-3723	Proteomics_pub	3450739	3450771	-	5	VTKPEAGHFAK	11
PPUB-3724	Proteomics_pub	3450781	3450810	-	5	AIQVTTGAKK	10
PPUB-3725	Proteomics_pub	3450784	3450834	-	5	DLANDGYRAIQVTTGAK	17
PPUB-3726	Proteomics_pub	3450811	3450834	-	5	DLANDGYR	8
PPUB-3727	Proteomics_pub	3450811	3450849	-	5	VTQVKDLANDGYR	13
PPUB-3728	Proteomics_pub	3450835	3450909	-	5	IFTEDGVSIPVTVIEVEANRVTQVK	25
PPUB-3729	Proteomics_pub	3450850	3450909	-	5	IFTEDGVSIPVTVIEVEANR	20
PPUB-3730	Proteomics_pub	3451047	3451076	-	4	LVDIVEPTEK	10
PPUB-3731	Proteomics_pub	3451116	3451154	-	4	ERFTVLISPHVNK	13
PPUB-3732	Proteomics_pub	3451116	3451148	-	4	FTVLISPHVNK	11
PPUB-3733	Proteomics_pub	3451155	3451181	-	4	GPIPLPTRK	9
PPUB-3734	Proteomics_pub	3451158	3451181	-	4	GPIPLPTR	8
PPUB-3735	Proteomics_pub	3451200	3451244	-	4	LIDQATAEIVETAKR	15
PPUB-3736	Proteomics_pub	3451203	3451244	-	4	LIDQATAEIVETAK	14
PPUB-3737	Proteomics_pub	3451954	3451995	-	5	DEANISPETT VKGK	14
PPUB-3738	Proteomics_pub	3464451	3464483	-	4	SDLALELDGAK	11
PPUB-3739	Proteomics_pub	3464484	3464519	-	4	LNIGEDVEMLR	12
PPUB-3740	Proteomics_pub	3464520	3464564	-	4	ILFLEGLPNLQDLGK	15
PPUB-3741	Proteomics_pub	3468179	3468217	-	6	EGGRTVGAGVVAK	13
PPUB-3742	Proteomics_pub	3468230	3468277	-	6	MVVTLIHP IAMDDGLR	16
PPUB-3743	Proteomics_pub	3468278	3468349	-	6	TTDVTGTIELPEGVEMVMPGDNIK	24

PPUB-3744	Proteomics_pub	3468350	3468376	-	6	GYRPQFYFR	9
PPUB-3745	Proteomics_pub	3468395	3468439	-	6	FESEVYILSKDEGGR	15
PPUB-3746	Proteomics_pub	3468410	3468439	-	6	FESEVYILSK	10
PPUB-3747	Proteomics_pub	3468440	3468484	-	6	GQVLAKPGTIKPHTK	15
PPUB-3748	Proteomics_pub	3468503	3468541	-	6	AGENVGVLLRGIK	13
PPUB-3749	Proteomics_pub	3468512	3468541	-	6	AGENVGVLLR	10
PPUB-3750	Proteomics_pub	3468512	3468559	-	6	LLDEGRAGENGVLLR	16
PPUB-3751	Proteomics_pub	3468560	3468592	-	6	STCTGVEMFRK	11
PPUB-3752	Proteomics_pub	3468563	3468592	-	6	STCTGVEMFR	10
PPUB-3753	Proteomics_pub	3468593	3468637	-	6	VGEEVEIVGIKETQK	15
PPUB-3754	Proteomics_pub	3468605	3468637	-	6	VGEEVEIVGIK	11
PPUB-3755	Proteomics_pub	3468680	3468736	-	6	AIDKPFLLPIEDVFSISGR	19
PPUB-3756	Proteomics_pub	3468680	3468787	-	6	ILELAGFLDSYIPEPERAIDKPFLLPIEDVFSISGR	36
PPUB-3757	Proteomics_pub	3468737	3468820	-	6	ALEGDAEWEAKILELAGFLDSYIPEPER	28
PPUB-3758	Proteomics_pub	3468737	3468787	-	6	ILELAGFLDSYIPEPER	17
PPUB-3759	Proteomics_pub	3468788	3468820	-	6	ALEGDAEWEAK	11
PPUB-3760	Proteomics_pub	3468788	3468835	-	6	GSALKALEGDAEWEAK	16
PPUB-3761	Proteomics_pub	3468836	3468886	-	6	ELLSQYDFPGDDTPIVR	17
PPUB-3762	Proteomics_pub	3468887	3468940	-	6	CDMVDDDEELLELVEMEV	18
PPUB-3763	Proteomics_pub	3468941	3468979	-	6	QVGVPIIVFLNK	13
PPUB-3764	Proteomics_pub	3469001	3469081	-	6	NMITGAAQMDGAILVVAATDGPMPQTR	27
PPUB-3765	Proteomics_pub	3469082	3469126	-	6	HYAHVDCPGHADYVK	15
PPUB-3766	Proteomics_pub	3469127	3469180	-	6	ARGITINTSHVEYDTPTR	18
PPUB-3767	Proteomics_pub	3469127	3469174	-	6	GITINTSHVEYDTPTR	16
PPUB-3768	Proteomics_pub	3469175	3469216	-	6	AFDQIDNAPEEKAR	14
PPUB-3769	Proteomics_pub	3469181	3469216	-	6	AFDQIDNAPEEK	12
PPUB-3770	Proteomics_pub	3469181	3469237	-	6	TYGGAARAFDQIDNAPEEK	19
PPUB-3771	Proteomics_pub	3469217	3469276	-	6	TTLTAAITTVLAKTYGGAAR	20
PPUB-3772	Proteomics_pub	3469238	3469327	-	6	TKPHVNVGTIGHVDHGKTTLTAAITTVLAK	30
PPUB-3773	Proteomics_pub	3469238	3469276	-	6	TTLTAAITTVLAK	13
PPUB-3774	Proteomics_pub	3469277	3469327	-	6	TKPHVNVGTIGHVDHGK	17
PPUB-3775	Proteomics_pub	3469277	3469312	-	6	NFSIIAHIDHGK	12
PPUB-3776	Proteomics_pub	3469277	3469312	-	6	NIAIIAHVDHGK	12
PPUB-3777	Proteomics_pub	3469431	3469478	-	4	YDEAPSNVAQAVIEAR	16
PPUB-3778	Proteomics_pub	3469479	3469505	-	4	ASYTMEFLK	9
PPUB-3779	Proteomics_pub	3469479	3469511	-	4	GRASYTMEFLK	11
PPUB-3780	Proteomics_pub	3469524	3469577	-	4	IHAEVPLSEMFGYATQLR	18
PPUB-3781	Proteomics_pub	3469578	3469619	-	4	GMLKGQESEVTGVK	14
PPUB-3782	Proteomics_pub	3469578	3469607	-	4	GQESEVTGVK	10
PPUB-3783	Proteomics_pub	3469623	3469682	-	4	VEVETPEENTGDVIGDLSRR	20
PPUB-3784	Proteomics_pub	3469626	3469715	-	4	AKPVLLLEPIMKVEVETPEENTGDVIGDLSR	30
PPUB-3785	Proteomics_pub	3469626	3469682	-	4	VEVETPEENTGDVIGDLSR	19
PPUB-3786	Proteomics_pub	3469683	3469715	-	4	AKPVLLLEPIMK	11
PPUB-3787	Proteomics_pub	3469683	3469718	-	4	KAKPVLLLEPIMK	12
PPUB-3788	Proteomics_pub	3469755	3469805	-	4	LHFGSYHDVDSSELAFK	17
PPUB-3789	Proteomics_pub	3469806	3469850	-	4	AGPLAGYPVVDMGIR	15

PPUB-3790	Proteomics_pub	3469872	3469913	-	4	GGVIPGEYIPAVDK	14
PPUB-3791	Proteomics_pub	3469914	3469940	-	4	GYEFINDIK	9
PPUB-3792	Proteomics_pub	3469941	3470000	-	4	GQYGHVVIDMYPLEPGSNPK	20
PPUB-3793	Proteomics_pub	3469941	3470015	-	4	QSGGRGQYGHVVIDMYPLEPGSNPK	25
PPUB-3794	Proteomics_pub	3470025	3470051	-	4	QKVTDVEGK	9
PPUB-3795	Proteomics_pub	3470052	3470111	-	4	EFNVEANVGKPPQVAYRETIR	20
PPUB-3796	Proteomics_pub	3470064	3470111	-	4	EFNVEANVGKPPQVAYR	16
PPUB-3797	Proteomics_pub	3470064	3470114	-	4	REFNVEANVGKPPQVAYR	17
PPUB-3798	Proteomics_pub	3470121	3470198	-	4	VWTDEESNQTIAGMGELHLDIIVDR	26
PPUB-3799	Proteomics_pub	3470199	3470225	-	4	LAKEDPSFR	9
PPUB-3800	Proteomics_pub	3470268	3470312	-	4	MEFPEPVISIAVEPK	15
PPUB-3801	Proteomics_pub	3470313	3470369	-	4	DVTTGDTLCDPDAPIILER	19
PPUB-3802	Proteomics_pub	3470370	3470402	-	4	AGDIAAAIGLK	11
PPUB-3803	Proteomics_pub	3470424	3470450	-	4	IVQMHANKR	9
PPUB-3804	Proteomics_pub	3470427	3470450	-	4	IVQMHANK	8
PPUB-3805	Proteomics_pub	3470475	3470525	-	4	VYSGVVNSGDTVLNSVK	17
PPUB-3806	Proteomics_pub	3470526	3470567	-	4	IATDPFVGNLFFR	14
PPUB-3807	Proteomics_pub	3470568	3470609	-	4	HASDDEPFSAFAFK	14
PPUB-3808	Proteomics_pub	3470610	3470717	-	4	GVQAMLDAPIDYLPSPVDVPAINGILDDGKDTPAER	36
PPUB-3809	Proteomics_pub	3470628	3470717	-	4	GVQAMLDAPIDYLPSPVDVPAINGILDDGK	30
PPUB-3810	Proteomics_pub	3470724	3470771	-	4	VLNNEIILVTCGSAFK	16
PPUB-3811	Proteomics_pub	3470790	3470828	-	4	YLGGEELTEAEIK	13
PPUB-3812	Proteomics_pub	3470829	3470969	-	4	AINWNDADQGVTFEYEDIPADMVELANEWHQNLIESAAEASEELMEK	47
PPUB-3813	Proteomics_pub	3470976	3471053	-	4	LGANPVPLQLAIGAEHFTGVVDLVK	26
PPUB-3814	Proteomics_pub	3470976	3471059	-	4	TRLGANPVPLQLAIGAEHFTGVVDLVK	28
PPUB-3815	Proteomics_pub	3471060	3471098	-	4	MGANFLKVVNQIK	13
PPUB-3816	Proteomics_pub	3471099	3471125	-	4	IAFVNKMDR	9
PPUB-3817	Proteomics_pub	3471153	3471224	-	4	VLDGAVMVYCAVGGVQPQSETVWR	24
PPUB-3818	Proteomics_pub	3471234	3471287	-	4	INIIDTPGHVDFDFTIEVER	18
PPUB-3819	Proteomics_pub	3471234	3471311	-	4	ASDGETYQLNFIDTPGHVDFSYEVS	26
PPUB-3820	Proteomics_pub	3471234	3471287	-	4	INIVDTPGHADFGGEVER	18
PPUB-3821	Proteomics_pub	3471306	3471359	-	4	GITITSAATTAFWSGMAK	18
PPUB-3822	Proteomics_pub	3471360	3471419	-	4	IGEVHDGAATMDWMEQEQR	20
PPUB-3823	Proteomics_pub	3471420	3471449	-	4	ILFYTGVNHK	10
PPUB-3824	Proteomics_pub	3471468	3471503	-	4	NIGISAHIDAGK	12
PPUB-3825	Proteomics_pub	3471468	3471509	-	4	YRNIGISAHIDAGK	14
PPUB-3826	Proteomics_pub	3471567	3471590	-	4	QPALGYLN	8
PPUB-3827	Proteomics_pub	3471567	3471623	-	4	SFSHQAGASSKQPALGYLN	19
PPUB-3828	Proteomics_pub	3471591	3471623	-	4	SFSHQAGASSK	11
PPUB-3829	Proteomics_pub	3471639	3471674	-	4	MAEANKAFAHYR	12
PPUB-3830	Proteomics_pub	3471696	3471746	-	4	LANELSDAAENKGTAVK	17
PPUB-3831	Proteomics_pub	3471711	3471746	-	4	LANELSDAAENK	12
PPUB-3832	Proteomics_pub	3471816	3471866	-	4	VGGSTYQVPVEVRPVR	17
PPUB-3833	Proteomics_pub	3471819	3471869	-	4	RVGGSTYQVPVEVRPVR	17
PPUB-3834	Proteomics_pub	3471819	3471866	-	4	VGGSTYQVPVEVRPVR	16
PPUB-3835	Proteomics_pub	3471876	3471935	-	4	SELEAFEVALENVRPTVEVK	20

PPUB-3836	Proteomics_pub	3471876	3471944	-	4	SGKSELEAFEVALENVRPTVEVK	23
PPUB-3837	Proteomics_pub	3471945	3471998	-	4	KSTAESIVYSALETLAQR	18
PPUB-3838	Proteomics_pub	3471945	3471995	-	4	STAESIVYSALETLAQR	17
PPUB-3839	Proteomics_pub	3471996	3472028	-	4	FVNILMVDGKK	11
PPUB-3840	Proteomics_pub	3471999	3472028	-	4	FVNILMVDGK	10
PPUB-3841	Proteomics_pub	3472029	3472070	-	4	ILPDPKFGSELLAK	14
PPUB-3842	Proteomics_pub	3472251	3472277	-	4	GALDCSGVK	9
PPUB-3843	Proteomics_pub	3472326	3472406	-	4	LTNGFEVTSYIGGEGHNLQEHSVILIR	27
PPUB-3844	Proteomics_pub	3472482	3472520	-	4	SNVPALEACPQKR	13
PPUB-3845	Proteomics_pub	3472485	3472520	-	4	SNVPALEACPQK	12
PPUB-3846	Proteomics_pub	3473743	3473769	-	5	SGDFQGQDK	9
PPUB-3847	Proteomics_pub	3474169	3474210	-	5	MLHDMTGADSSVSK	14
PPUB-3848	Proteomics_pub	3474211	3474243	-	5	IGSPITDLALR	11
PPUB-3849	Proteomics_pub	3474761	3474799	-	6	IKLVIPPELAYGK	13
PPUB-3850	Proteomics_pub	3474761	3474793	-	6	LVIPPELAYGK	11
PPUB-3851	Proteomics_pub	3474821	3474880	-	6	GEPLSFRLDGVIPGWTEGLK	20
PPUB-3852	Proteomics_pub	3474821	3474859	-	6	LDGVIPGWTEGLK	13
PPUB-3853	Proteomics_pub	3474881	3474904	-	6	EFDNSYTR	8
PPUB-3854	Proteomics_pub	3474881	3474925	-	6	GTLIDGKEFDNSYTR	15
PPUB-3855	Proteomics_pub	3474881	3474937	-	6	VHYTGKIIDGTVFDSSVAR	19
PPUB-3856	Proteomics_pub	3474926	3474955	-	6	DSDTVVVVNYK	10
PPUB-3857	Proteomics_pub	3474956	3475015	-	6	TSSTGLVYQVVEAGKGEAPK	20
PPUB-3858	Proteomics_pub	3474971	3475015	-	6	TSSTGLVYQVVEAGK	15
PPUB-3859	Proteomics_pub	3475118	3475165	-	6	LSDQIEIQLQAFEAR	16
PPUB-3860	Proteomics_pub	3475172	3475213	-	6	DQLIAGVQDAFADK	14
PPUB-3861	Proteomics_pub	3475172	3475222	-	6	LDKDQLIAGVQDAFADK	17
PPUB-3862	Proteomics_pub	3475235	3475267	-	6	YMENSLKEQEK	11
PPUB-3863	Proteomics_pub	3475268	3475300	-	6	SAYALGASLGR	11
PPUB-3864	Proteomics_pub	3476100	3476126	-	4	FNVEVVAIR	9
PPUB-3865	Proteomics_pub	3476235	3476276	-	4	DVFMGVDELQVGMR	14
PPUB-3866	Proteomics_pub	3476286	3476348	-	4	FDVAVGANDAYGQYDENLVQR	21
PPUB-3867	Proteomics_pub	3476472	3476504	-	4	DLVVSLAYQVR	11
PPUB-3868	Proteomics_pub	3489759	3489836	-	4	ISQVPTHDVGPYQNVPSKPVVILSAK	26
PPUB-3869	Proteomics_pub	3489867	3489893	-	4	DFGYAVFGK	9
PPUB-3870	Proteomics_pub	3489894	3489959	-	4	DSATSQFFINVADNAFLDHGQR	22
PPUB-3871	Proteomics_pub	3490002	3490046	-	4	KPNPPIKNEADNGLR	15
PPUB-3872	Proteomics_pub	3490047	3490103	-	4	VIPGFMIQGGGFTEQMQQK	19
PPUB-3873	Proteomics_pub	3490053	3490103	-	4	VINGFMIQGGGFEPGMK	17
PPUB-3874	Proteomics_pub	3490104	3490175	-	4	APVSVQNFVDYVNSGFYNNTTFHR	24
PPUB-3875	Proteomics_pub	3490182	3490241	-	4	GDPHVLLTTSAGNIELELDK	20
PPUB-3876	Proteomics_pub	3510659	3510694	-	6	AVYEAIGFVAKP	12
PPUB-3877	Proteomics_pub	3510740	3510778	-	6	FRNDEAFLQQVMK	13
PPUB-3878	Proteomics_pub	3510740	3510772	-	6	NDEAFLQQVMK	11
PPUB-3879	Proteomics_pub	3510788	3510838	-	6	GEVADAVSGMLTELQER	17
PPUB-3880	Proteomics_pub	3510872	3510940	-	6	AGVSNLLDILSAVTGQSIPELEK	23
PPUB-3881	Proteomics_pub	3510941	3510994	-	6	AVTDSDEPPVVRYDVQNK	18



PPUB-3882	Proteomics_pub	3510959	3510994	-	6	AVTDSDEPPVVR	12
PPUB-3883	Proteomics_pub	3511019	3511051	-	6	NNVIGLLEDPK	11
PPUB-3884	Proteomics_pub	3511019	3511066	-	6	SDDNRNNVIGLLEDPK	16
PPUB-3885	Proteomics_pub	3511076	3511105	-	6	VMSLLEPTKK	10
PPUB-3886	Proteomics_pub	3511079	3511105	-	6	VMSLLEPTK	9
PPUB-3887	Proteomics_pub	3511118	3511171	-	6	FNALYGEIFKVPEPFIPK	18
PPUB-3888	Proteomics_pub	3511142	3511171	-	6	FNALYGEIFK	10
PPUB-3889	Proteomics_pub	3511187	3511258	-	6	DIALTIPNLPADEVVPGKDENDNVEVSR	28
PPUB-3890	Proteomics_pub	3511433	3511489	-	6	KATLDTLALYLACGIDPEK	19
PPUB-3891	Proteomics_pub	3511583	3511657	-	6	TKPIVFSGAQPSGELTIGNYMGALR	25
PPUB-3892	Proteomics_pub	3512563	3512589	-	5	IDESGFDIR	9
PPUB-3893	Proteomics_pub	3512563	3512592	-	5	RIDESGFDIR	10
PPUB-3894	Proteomics_pub	3512686	3512745	-	5	AGLVFNPATPLSYLDYVMDK	20
PPUB-3895	Proteomics_pub	3513031	3513075	-	5	QYLIAPSILSADFAR	15
PPUB-3896	Proteomics_pub	3514090	3514125	-	5	AVSTLPADVQAK	12
PPUB-3897	Proteomics_pub	3514090	3514128	-	5	KAVSTLPADVQAK	13
PPUB-3898	Proteomics_pub	3514189	3514215	-	5	NYVVYETTR	9
PPUB-3899	Proteomics_pub	3514231	3514305	-	5	SAPSSHYTLQLSSSSNYDNLNGWAK	25
PPUB-3900	Proteomics_pub	3514306	3514332	-	5	TAGNVGSLK	9
PPUB-3901	Proteomics_pub	3514333	3514407	-	5	ETATTAPVQTASPAQTTATPAAGAK	25
PPUB-3902	Proteomics_pub	3514408	3514440	-	5	APAATSTPAPK	11
PPUB-3903	Proteomics_pub	3514441	3514476	-	5	RTEPAAPVASTK	12
PPUB-3904	Proteomics_pub	3514477	3514509	-	5	TEPKPVAQTPK	11
PPUB-3905	Proteomics_pub	3514909	3514953	-	5	APSTTSSDQTASGEK	15
PPUB-3906	Proteomics_pub	3516281	3516313	-	6	SLIGPDGEQYK	11
PPUB-3907	Proteomics_pub	3516568	3516606	-	5	VVANQIIHMLESN	13
PPUB-3908	Proteomics_pub	3516628	3516696	-	5	EVLEALANERNPLYEEIADVTR	23
PPUB-3909	Proteomics_pub	3516628	3516666	-	5	NPLYEEIADVTR	13
PPUB-3910	Proteomics_pub	3516667	3516696	-	5	EVLEALANER	10
PPUB-3911	Proteomics_pub	3516667	3516729	-	5	RPLLHVETPPREVLEALANER	21
PPUB-3912	Proteomics_pub	3516697	3516729	-	5	RPLLHVETPPR	11
PPUB-3913	Proteomics_pub	3516760	3516795	-	5	GVVVYLETTIEK	12
PPUB-3914	Proteomics_pub	3516829	3516867	-	5	QGIVLATGGGSVK	13
PPUB-3915	Proteomics_pub	3516961	3517020	-	5	QLAQQLNMEFYDSDQEIEKR	20
PPUB-3916	Proteomics_pub	3517036	3517071	-	5	NIFLVGPMGAGK	12
PPUB-3917	Proteomics_pub	3517036	3517074	-	5	RNIFLVGPMGAGK	13
PPUB-3918	Proteomics_pub	3523890	3523934	-	4	GLIDPGESVYEAANR	15
PPUB-3919	Proteomics_pub	3524118	3524162	-	4	SLQKPTILNVETVAR	15
PPUB-3920	Proteomics_pub	3526137	3526175	-	4	SCLLNGSVEVAPR	13
PPUB-3921	Proteomics_pub	3534181	3534240	-	5	QANELPGAPSQEEAVIAFGK	20
PPUB-3922	Proteomics_pub	3534181	3534243	-	5	RQANELPGAPSQEEAVIAFGK	21
PPUB-3923	Proteomics_pub	3534277	3534333	-	5	ILGLEIGADDYITKPFNPR	19
PPUB-3924	Proteomics_pub	3534481	3534510	-	5	SVANAEQMDR	10
PPUB-3925	Proteomics_pub	3534511	3534540	-	5	YLTEQGFQVR	10
PPUB-3926	Proteomics_pub	3546236	3546271	-	6	ASLMSMTPTLNR	12
PPUB-3927	Proteomics_pub	3546785	3546814	-	6	AYEPFIELLR	10

PPUB-3928	Proteomics_pub	3548297	3548332	-	6	HAFDQMLHSIGK	12
PPUB-3929	Proteomics_pub	3548441	3548491	-	6	VGEENIFIFGHTVEQVK	17
PPUB-3930	Proteomics_pub	3548558	3548584	-	6	EASGTGNMK	9
PPUB-3931	Proteomics_pub	3548585	3548632	-	6	LIPAADISEQISTAGK	16
PPUB-3932	Proteomics_pub	3548633	3548674	-	6	VVFLPDYCVSAAEK	14
PPUB-3933	Proteomics_pub	3548675	3548722	-	6	VADVINDPLVGDKLK	16
PPUB-3934	Proteomics_pub	3548681	3548722	-	6	VADVINDPLVGDK	14
PPUB-3935	Proteomics_pub	3548747	3548773	-	6	AAPGYLAK	9
PPUB-3936	Proteomics_pub	3549029	3549070	-	6	EWANDLDQLINLEK	14
PPUB-3937	Proteomics_pub	3549083	3549118	-	6	QCNPALAALLDK	12
PPUB-3938	Proteomics_pub	3549362	3549394	-	6	HMQIINEINTR	11
PPUB-3939	Proteomics_pub	3549431	3549478	-	6	TFAYTNHTLMPEALER	16
PPUB-3940	Proteomics_pub	3549698	3549733	-	6	VLYPNDNHTAGK	12
PPUB-3941	Proteomics_pub	3549773	3549796	-	6	FNDGDFLR	8
PPUB-3942	Proteomics_pub	3549839	3549862	-	6	NGVAQPLR	8
PPUB-3943	Proteomics_pub	3549941	3549982	-	6	HNEALDVQVGIGGK	14
PPUB-3944	Proteomics_pub	3549983	3550003	-	6	SNYPWFR	7
PPUB-3945	Proteomics_pub	3550004	3550033	-	6	QVEAPDDWHR	10
PPUB-3946	Proteomics_pub	3550217	3550276	-	6	LTGNLLNLGWYQDVQDSLK	20
PPUB-3947	Proteomics_pub	3550316	3550351	-	6	AQPFAPVANQR	12
PPUB-3948	Proteomics_pub	3550352	3550396	-	6	QWWLAVSEALAEMLR	15
PPUB-3949	Proteomics_pub	3550397	3550432	-	6	YGLNSAAEMTPR	12
PPUB-3950	Proteomics_pub	3550469	3550492	-	6	SQPIFNDK	8
PPUB-3951	Proteomics_pub	3559287	3559313	-	4	FLENPADPR	9
PPUB-3952	Proteomics_pub	3559443	3559475	-	4	MLMITSFANPR	11
PPUB-3953	Proteomics_pub	3562502	3562552	-	6	VGEENIFIFGHTVEQVK	17
PPUB-3954	Proteomics_pub	3562736	3562783	-	6	VADVINDPLVGDKLK	16
PPUB-3955	Proteomics_pub	3562742	3562783	-	6	VADVINDPLVGDK	14
PPUB-3956	Proteomics_pub	3565880	3565912	-	6	RGVTDAQVVS	11
PPUB-3957	Proteomics_pub	3565910	3565942	-	6	VLLPAFPDIRR	11
PPUB-3958	Proteomics_pub	3570236	3570274	-	6	KEGEWIPNEFGGR	13
PPUB-3959	Proteomics_pub	3571819	3571899	-	5	LNMGPEFLSAFTVGDQLLWGAAEPLRR	27
PPUB-3960	Proteomics_pub	3571909	3571959	-	5	ELTPAAVTGTLTPVGR	17
PPUB-3961	Proteomics_pub	3571993	3572049	-	5	DVSIPTVEELLAHPWAK	19
PPUB-3962	Proteomics_pub	3572059	3572085	-	5	CHSQAFTIK	9
PPUB-3963	Proteomics_pub	3572101	3572148	-	5	ILNTSSVIPVDGLCVR	16
PPUB-3964	Proteomics_pub	3572149	3572181	-	5	EEWKGQATNK	11
PPUB-3965	Proteomics_pub	3572182	3572205	-	5	QLDNGQSR	8
PPUB-3966	Proteomics_pub	3572206	3572274	-	5	SGELPVDNFGVPLAGSLIPWIDK	23
PPUB-3967	Proteomics_pub	3572296	3572382	-	5	ELLTQMGHLYGHVADELATPSSAILDIER	29
PPUB-3968	Proteomics_pub	3572518	3572589	-	5	DDAIIILDVPVNDVITDGLNNGIR	24
PPUB-3969	Proteomics_pub	3572518	3572595	-	5	MKDDAIIILDVPVNDVITDGLNNGIR	26
PPUB-3970	Proteomics_pub	3572596	3572643	-	5	ESGWQGYWIDAASSLR	16
PPUB-3971	Proteomics_pub	3572596	3572649	-	5	LRESGWQGYWIDAASSLR	18
PPUB-3972	Proteomics_pub	3572650	3572709	-	5	ALDIIVTCQGGDYTNEIYPK	20
PPUB-3973	Proteomics_pub	3572710	3572826	-	5	DFDAIRPVFFSTSQLGQAAPSGGTTGLQDAFDLEALK	39

PPUB-3974	Proteomics_pub	3572842	3572871	-	5	GMVGSVLMQR	10
PPUB-3975	Proteomics_pub	3572872	3572895	-	5	NVGFIGWR	8
PPUB-3976	Proteomics_pub	3576207	3576242	-	4	QMTTAAIARGHR	12
PPUB-3977	Proteomics_pub	3576558	3576590	-	4	APDILSNATSR	11
PPUB-3978	Proteomics_pub	3576639	3576668	-	4	NPEQVSVALR	10
PPUB-3979	Proteomics_pub	3577794	3577835	-	4	GFEQASPSTVTLAK	14
PPUB-3980	Proteomics_pub	3577836	3577874	-	4	ESEVLTNLEILER	13
PPUB-3981	Proteomics_pub	3577875	3577928	-	4	VYDALYQTITHGAPNYVK	18
PPUB-3982	Proteomics_pub	3577929	3577964	-	4	EEMKPEMGDYGR	12
PPUB-3983	Proteomics_pub	3578055	3578087	-	4	YGIDQQETSLK	11
PPUB-3984	Proteomics_pub	3578169	3578219	-	4	ANPDDTFEAQLFYGDLK	17
PPUB-3985	Proteomics_pub	3578454	3578483	-	4	GLTVTPYQNR	10
PPUB-3986	Proteomics_pub	3578511	3578558	-	4	NVLVEKPFPTLAQAK	16
PPUB-3987	Proteomics_pub	3578721	3578750	-	4	DSWHVAHIFR	10
PPUB-3988	Proteomics_pub	3578793	3578828	-	4	MVINCAFIGFGK	12
PPUB-3989	Proteomics_pub	3589596	3589646	-	4	AVLDELNKGDFAAALAK	17
PPUB-3990	Proteomics_pub	3594477	3594533	-	4	GFDGFGVFQWHADGSSTAAK	19
PPUB-3991	Proteomics_pub	3594603	3594635	-	4	TGSDEPLALVK	11
PPUB-3992	Proteomics_pub	3594717	3594764	-	4	RYDQDPANQGIVDALK	16
PPUB-3993	Proteomics_pub	3595047	3595073	-	4	QQYGEGLAR	9
PPUB-3994	Proteomics_pub	3595047	3595073	-	4	QQYGEGLAR	9
PPUB-3995	Proteomics_pub	3595347	3595385	-	4	LVGVEYDDACDPK	13
PPUB-3996	Proteomics_pub	3596581	3596637	-	5	GFDGFGVFQWHADGSSTAAK	19
PPUB-3997	Proteomics_pub	3596707	3596808	-	5	KQDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK	34
PPUB-3998	Proteomics_pub	3597145	3597171	-	5	QQYGEGLAR	9
PPUB-3999	Proteomics_pub	3597145	3597171	-	5	QQYGEGLAR	9
PPUB-4000	Proteomics_pub	3598543	3598593	-	5	GLQFLDLIQEGNIGLMK	17
PPUB-4001	Proteomics_pub	3600336	3600371	-	4	YPLHLSGGQQQR	12
PPUB-4002	Proteomics_pub	3600336	3600380	-	4	AHHYPSELSSGGQQQR	15
PPUB-4003	Proteomics_pub	3600776	3600814	-	6	ADDFIEALFARED	13
PPUB-4004	Proteomics_pub	3600815	3600838	-	6	IEDLRPFK	8
PPUB-4005	Proteomics_pub	3600926	3600970	-	6	LFHEAVGLTGITLTK	15
PPUB-4006	Proteomics_pub	3601109	3601144	-	6	NIDVLIADTAGR	12
PPUB-4007	Proteomics_pub	3601394	3601423	-	6	VDEPLNVEGK	10
PPUB-4008	Proteomics_pub	3601451	3601480	-	6	DAEALYGLLK	10
PPUB-4009	Proteomics_pub	3601493	3601525	-	6	IITNLTEGASR	11
PPUB-4010	Proteomics_pub	3601493	3601528	-	6	KIITNLTEGASR	12
PPUB-4011	Proteomics_pub	3601610	3601645	-	6	ENLGSFGFISLFR	12
PPUB-4012	Proteomics_pub	3601610	3601651	-	6	TKENLGSFGFISLFR	14
PPUB-4013	Proteomics_pub	3602018	3602128	-	6	ASEQAVEEQQAHTAEAEETFAADVVEVTEQVAESEK	37
PPUB-4014	Proteomics_pub	3602213	3602245	-	6	GFFSWLGFQK	11
PPUB-4015	Proteomics_pub	3626233	3626301	-	5	ALAINPDILLMDEAFSALDPLIR	23
PPUB-4016	Proteomics_pub	3627013	3627081	-	5	ALAINPDILLMDEAFSALDPLIR	23
PPUB-4017	Proteomics_pub	3628383	3628415	-	4	EGEVLAKMDTR	11
PPUB-4018	Proteomics_pub	3634513	3634551	-	5	LQQLGQIPDVSLK	13
PPUB-4019	Proteomics_pub	3634909	3634971	-	5	LVIATGGLSMPGLGASPFQYK	21

PPUB-4020	Proteomics_pub	3641259	3641297	-	4	ETGQSFLDNILSR	13
PPUB-4021	Proteomics_pub	3641298	3641324	-	4	FEEEGIFNR	9
PPUB-4022	Proteomics_pub	3641424	3641459	-	4	LVAVVPSPSWGR	12
PPUB-4023	Proteomics_pub	3641556	3641585	-	4	NYQAALFILR	10
PPUB-4024	Proteomics_pub	3641994	3642029	-	4	FFELYDENNELR	12
PPUB-4025	Proteomics_pub	3642090	3642122	-	4	AVNGLFEVVKR	11
PPUB-4026	Proteomics_pub	3642186	3642242	-	4	AEFGVDELQPWDIAYYSEK	19
PPUB-4027	Proteomics_pub	3642768	3642821	-	4	AVDNALRDFELSGIGLPK	18
PPUB-4028	Proteomics_pub	3642768	3642800	-	4	DFELSGIGLPK	11
PPUB-4029	Proteomics_pub	3642825	3642863	-	4	DGDHYATLNTAQK	13
PPUB-4030	Proteomics_pub	3642975	3643010	-	4	IFSPVSHLNSVK	12
PPUB-4031	Proteomics_pub	3643122	3643157	-	4	ILPEHVVPVTK	12
PPUB-4032	Proteomics_pub	3664212	3664244	-	4	LQGIAQQNSFK	11
PPUB-4033	Proteomics_pub	3664212	3664244	-	4	LQGIAQQNSFK	11
PPUB-4034	Proteomics_pub	3664245	3664265	-	4	YLSDHPK	7
PPUB-4035	Proteomics_pub	3664410	3664454	-	4	DGEDPGYTLYDLSEK	15
PPUB-4036	Proteomics_pub	3664410	3664460	-	4	LKDGEDPGYTLYDLSEK	17
PPUB-4037	Proteomics_pub	3664410	3664454	-	4	DGEDPGYTLYDLSEK	15
PPUB-4038	Proteomics_pub	3664410	3664460	-	4	LKDGEDPGYTLYDLSEK	17
PPUB-4039	Proteomics_pub	3664461	3664526	-	4	LGPFYFICTGRPDEGIPAVCFK	22
PPUB-4040	Proteomics_pub	3664527	3664580	-	4	VQNASYQVAAYLADEIAK	18
PPUB-4041	Proteomics_pub	3665100	3665171	-	4	MEAAGKPTDKPNLVCGPVQICWHK	24
PPUB-4042	Proteomics_pub	3665307	3665342	-	4	EEYPQSAADLR	12
PPUB-4043	Proteomics_pub	3665307	3665357	-	4	NWIDKEEYPQSAADLR	17
PPUB-4044	Proteomics_pub	3665307	3665342	-	4	EEYPQSAADLR	12
PPUB-4045	Proteomics_pub	3665382	3665432	-	4	QNLATFCQTWDDENVHK	17
PPUB-4046	Proteomics_pub	3665433	3665489	-	4	DDVAFQIINDELYLDGNAR	19
PPUB-4047	Proteomics_pub	3678707	3678754	-	6	SLQNQVVDIAPEQYQK	16
PPUB-4048	Proteomics_pub	3678926	3678964	-	6	AQCAINIESPNDK	13
PPUB-4049	Proteomics_pub	3679151	3679186	-	6	AEAVSIMTDAVR	12
PPUB-4050	Proteomics_pub	3679187	3679225	-	6	ETPAPVPTLSPLR	13
PPUB-4051	Proteomics_pub	3679520	3679555	-	6	EALSYLANATGK	12
PPUB-4052	Proteomics_pub	3679640	3679669	-	6	SLWQQGIDPK	10
PPUB-4053	Proteomics_pub	3679670	3679714	-	6	IALTQSGGLDAAQAR	15
PPUB-4054	Proteomics_pub	3679715	3679783	-	6	LLVNTGSLAESTQQSGYSHAIPR	23
PPUB-4055	Proteomics_pub	3700301	3700369	-	6	ALAINPDILLMDEAFSALDPLIR	23
PPUB-4056	Proteomics_pub	3701734	3701775	-	5	GAIVGIIGPNGAGK	14
PPUB-4057	Proteomics_pub	3704151	3704177	-	4	GYVVDPLGK	9
PPUB-4058	Proteomics_pub	3704304	3704345	-	4	WCYKPFEDLIQPAR	14
PPUB-4059	Proteomics_pub	3704472	3704504	-	4	IVTYEWGEYLK	11
PPUB-4060	Proteomics_pub	3704523	3704555	-	4	MAEMIQADWAK	11
PPUB-4061	Proteomics_pub	3704724	3704756	-	4	AVYQGAGVSAK	11
PPUB-4062	Proteomics_pub	3704772	3704798	-	4	QALTYAVNK	9
PPUB-4063	Proteomics_pub	3704826	3704888	-	4	SINLMEMPGLNVGYLSYNVQK	21
PPUB-4064	Proteomics_pub	3704970	3705047	-	4	AFDGYWGTPKQIDTLVFSITPDASVR	26
PPUB-4065	Proteomics_pub	3705069	3705122	-	4	LDLNPIGTGPFQLQQYQK	18

PPUB-4066	Proteomics_pub	3705357	3705395	-	4	ELNADDVVFSFDR	13
PPUB-4067	Proteomics_pub	3705486	3705524	-	4	IGTTEVIPGLAEK	13
PPUB-4068	Proteomics_pub	3705540	3705641	-	4	TLVYCSEGSPEGFNPQLFTSGTTYDASSVPLYNR	34
PPUB-4069	Proteomics_pub	3714187	3714225	-	5	GFLASPENPQGIR	13
PPUB-4070	Proteomics_pub	3714274	3714321	-	5	GALATGMENSLQSAVR	16
PPUB-4071	Proteomics_pub	3716603	3716647	-	6	QSDDLKPVFDQAFTK	15
PPUB-4072	Proteomics_pub	3716732	3716770	-	6	VPQDYVTQSGPLR	13
PPUB-4073	Proteomics_pub	3716888	3716914	-	6	LPTLTADQK	9
PPUB-4074	Proteomics_pub	3716927	3716962	-	6	AFIDFLQNTVMR	12
PPUB-4075	Proteomics_pub	3720486	3720521	-	4	YQDALVELAELR	12
PPUB-4076	Proteomics_pub	3720522	3720554	-	4	DKLEPYFTEGR	11
PPUB-4077	Proteomics_pub	3720522	3720548	-	4	LEPYFTEGR	9
PPUB-4078	Proteomics_pub	3720582	3720620	-	4	VNASTLKEPEEIK	13
PPUB-4079	Proteomics_pub	3720666	3720707	-	4	TLDAAAALAAANKR	14
PPUB-4080	Proteomics_pub	3720669	3720707	-	4	TLDAAAALAAANK	13
PPUB-4081	Proteomics_pub	3720828	3720878	-	4	LTNANVVDDVIDFMLGR	17
PPUB-4082	Proteomics_pub	3720894	3720938	-	4	NLNLDLQTLTEEAVR	15
PPUB-4083	Proteomics_pub	3721005	3721049	-	4	MDTLAGIFGIGQHPK	15
PPUB-4084	Proteomics_pub	3721050	3721109	-	4	FAGDDLPSNPVACALAIADK	20
PPUB-4085	Proteomics_pub	3721110	3721166	-	4	HDGEAEDVAVALNEQYQPR	19
PPUB-4086	Proteomics_pub	3721257	3721319	-	4	IQALAGWIAEQIGADVNHATR	21
PPUB-4087	Proteomics_pub	3721329	3721376	-	4	LQTVLFFQQQLGTLRDK	16
PPUB-4088	Proteomics_pub	3721335	3721397	-	4	LEDNLPRLQTVLFFQQQLGTLR	21
PPUB-4089	Proteomics_pub	3721335	3721376	-	4	LQTVLFFQQQLGTLR	14
PPUB-4090	Proteomics_pub	3721377	3721400	-	4	RLEDNLPR	8
PPUB-4091	Proteomics_pub	3721404	3721442	-	4	LADAEFFNTDRK	13
PPUB-4092	Proteomics_pub	3721407	3721442	-	4	LADAEFFNTDR	12
PPUB-4093	Proteomics_pub	3721458	3721490	-	4	DPQQIISGNEK	11
PPUB-4094	Proteomics_pub	3721533	3721562	-	4	YFPVYANDGK	10
PPUB-4095	Proteomics_pub	3721575	3721616	-	4	FLAVPAEALVYTMK	14
PPUB-4096	Proteomics_pub	3721629	3721712	-	4	IGGNADLSESLLEEVASLVEWPVLTAK	28
PPUB-4097	Proteomics_pub	3721629	3721715	-	4	KIGGNADLSESLLEEVASLVEWPVLTAK	29
PPUB-4098	Proteomics_pub	3721716	3721745	-	4	IKADAEAAAR	10
PPUB-4099	Proteomics_pub	3721791	3721850	-	4	FMGEPEFTIDNADQYPEILR	20
PPUB-4100	Proteomics_pub	3721869	3721907	-	4	VIPATILGIQSDR	13
PPUB-4101	Proteomics_pub	3721908	3721973	-	4	WGASDVHFVRPVHTVTLGDK	22
PPUB-4102	Proteomics_pub	3721998	3722063	-	4	AHVKGESTEALLPNMVATSLAK	22
PPUB-4103	Proteomics_pub	3722064	3722084	-	4	GEWLLYR	7
PPUB-4104	Proteomics_pub	3722064	3722099	-	4	LTTDKGEWLLYR	12
PPUB-4105	Proteomics_pub	3722100	3722132	-	4	GCGITVDQAER	11
PPUB-4106	Proteomics_pub	3722154	3722201	-	4	GPAIAQAFDAEGKPSK	16
PPUB-4107	Proteomics_pub	3722154	3722204	-	4	RGPAIAQAFDAEGKPSK	17
PPUB-4108	Proteomics_pub	3722205	3722249	-	4	VANLAEAQPDREIEK	15
PPUB-4109	Proteomics_pub	3722439	3722468	-	4	EALGFPMCCK	10
PPUB-4110	Proteomics_pub	3722469	3722498	-	4	AVAEAYYASR	10
PPUB-4111	Proteomics_pub	3722559	3722591	-	4	AAHSFNLLDAR	11

PPUB-4112	Proteomics_pub	3722601	3722657	-	4	EAQQLLALENPLPLPAYER	19
PPUB-4113	Proteomics_pub	3722997	3723032	-	4	ELGMDPTIHDR	12
PPUB-4114	Proteomics_pub	3723201	3723275	-	4	QGCTIVQPLDMEVGAGTSHPMTCRLR	25
PPUB-4115	Proteomics_pub	3723276	3723320	-	4	TFQGLILTLQDYWAR	15
PPUB-4116	Proteomics_pub	3749196	3749234	-	4	LSDEVTDSMPVDK	13
PPUB-4117	Proteomics_pub	3755371	3755454	-	5	MIAVTTTSGTGSEVTPFAVVTDDATGQK	28
PPUB-4118	Proteomics_pub	3755536	3755613	-	5	GAELANSFKPDVIALGGGSPMDAAK	26
PPUB-4119	Proteomics_pub	3757606	3757686	-	5	NMITGAAQMDGAILVVAATDGPMPQTR	27
PPUB-4120	Proteomics_pub	3759604	3759651	-	5	EQARPAAQSEDELLR	16
PPUB-4121	Proteomics_pub	3759652	3759702	-	5	IEALADGIMDAGLVSVR	17
PPUB-4122	Proteomics_pub	3759940	3759972	-	5	LVGSYTSFVVR	11
PPUB-4123	Proteomics_pub	3779860	3779928	-	5	IGAGSVVLQPVPPHTTAAGVPAR	23
PPUB-4124	Proteomics_pub	3779938	3779964	-	5	ILGNIEVGR	9
PPUB-4125	Proteomics_pub	3780268	3780294	-	5	YSTPLLYLK	9
PPUB-4126	Proteomics_pub	3780394	3780429	-	5	LSSPIMPAIAIR	12
PPUB-4127	Proteomics_pub	3780821	3780847	-	6	IGQVVEGYR	9
PPUB-4128	Proteomics_pub	3781687	3781791	-	5	GTFPQLNLAPVNFDAFMNYLQQAGEGTEEHQDA	35
PPUB-4129	Proteomics_pub	3781792	3781818	-	5	ECITSMVSR	9
PPUB-4130	Proteomics_pub	3781969	3782049	-	5	DWQPEVKLDLDTASSQLADDVYEVVLR	27
PPUB-4131	Proteomics_pub	3781969	3782028	-	5	LDLDTASSQLADDVYEVVLR	20
PPUB-4132	Proteomics_pub	3782050	3782094	-	5	DISFEAPNAPHVFQK	15
PPUB-4133	Proteomics_pub	3782107	3782148	-	5	SEQNNTMTFQIQR	14
PPUB-4134	Proteomics_pub	3782241	3782315	-	4	TTVPQIFIDAQHIGGCDDLALDAR	25
PPUB-4135	Proteomics_pub	3782346	3782390	-	4	GVSFQELPIDGNAAK	15
PPUB-4136	Proteomics_pub	3782616	3782660	-	4	EGVAGWAGENLPLVR	15
PPUB-4137	Proteomics_pub	3782661	3782690	-	4	AGFAQVFVLK	10
PPUB-4138	Proteomics_pub	3782691	3782759	-	4	DKPVIVVDGSGMQCQEPANALTK	23
PPUB-4139	Proteomics_pub	3782766	3782792	-	4	ANNVGELEK	9
PPUB-4140	Proteomics_pub	3782793	3782837	-	4	GHIAGSINLLPSEIK	15
PPUB-4141	Proteomics_pub	3782859	3782897	-	4	LINKEDAVVVDLR	13
PPUB-4142	Proteomics_pub	3788400	3788423	-	4	FSIDDFQK	8
PPUB-4143	Proteomics_pub	3788424	3788477	-	4	MAALIQSGLDLSPITHR	18
PPUB-4144	Proteomics_pub	3788769	3788801	-	4	NVVITDVNEYR	11
PPUB-4145	Proteomics_pub	3789078	3789116	-	4	VSGEGHITCGHCR	13
PPUB-4146	Proteomics_pub	3789276	3789344	-	4	AEEGIWMTDVPVPELGHNDLLIK	23
PPUB-4147	Proteomics_pub	3789429	3789470	-	4	TQMSAAHTPEQITR	14
PPUB-4148	Proteomics_pub	3789489	3789533	-	4	EGIYVTGFFYPVVPK	15
PPUB-4149	Proteomics_pub	3789714	3789773	-	4	SRPYLFSNSLAPAIVAASIK	20
PPUB-4150	Proteomics_pub	3789801	3789842	-	4	ALGGASGGYTAARK	14
PPUB-4151	Proteomics_pub	3789804	3789842	-	4	ALGGASGGYTAAR	13
PPUB-4152	Proteomics_pub	3789843	3789872	-	4	VDIITGTLGK	10
PPUB-4153	Proteomics_pub	3789873	3789905	-	4	GSHEYCDVMGR	11
PPUB-4154	Proteomics_pub	3790083	3790118	-	4	YANNDMQELEAR	12
PPUB-4155	Proteomics_pub	3790305	3790334	-	4	FICGTQDSHK	10
PPUB-4156	Proteomics_pub	3790335	3790376	-	4	AGMDSHGFGMASVR	14
PPUB-4157	Proteomics_pub	3790524	3790568	-	4	GEFYQQLTNDLETAR	15

PPUB-4158	Proteomics_pub	3809360	3809410	-	6	LVSSAGTGHFYTTTKNK	17
PPUB-4159	Proteomics_pub	3809366	3809416	-	6	IKLVSSAGTGHFYTTTK	17
PPUB-4160	Proteomics_pub	3809366	3809410	-	6	LVSSAGTGHFYTTTK	15
PPUB-4161	Proteomics_pub	3809482	3809511	-	5	GIDTVLAELR	10
PPUB-4162	Proteomics_pub	3809482	3809514	-	5	KGIDTVLAELR	11
PPUB-4163	Proteomics_pub	3809563	3809586	-	5	FWVESEKR	8
PPUB-4164	Proteomics_pub	3809587	3809613	-	5	FLPNLHSHR	9
PPUB-4165	Proteomics_pub	3809587	3809616	-	5	RFLPNLHSHR	10
PPUB-4166	Proteomics_pub	3809617	3809643	-	5	SHALNATKR	9
PPUB-4167	Proteomics_pub	3809644	3809688	-	5	VCQVTGKRVPVTGNMR	15
PPUB-4168	Proteomics_pub	3809668	3809694	-	5	SRVCQVTGK	9
PPUB-4169	Proteomics_pub	3813276	3813308	-	4	GEISAIQEVER	11
PPUB-4170	Proteomics_pub	3813276	3813314	-	4	GRGEISAIQEVER	13
PPUB-4171	Proteomics_pub	3813435	3813482	-	4	DHGEGGNLVGSALQGR	16
PPUB-4172	Proteomics_pub	3813660	3813704	-	4	KSPYFFNAGLFNTGR	15
PPUB-4173	Proteomics_pub	3813660	3813701	-	4	SPYFFNAGLFNTGR	14
PPUB-4174	Proteomics_pub	3813747	3813773	-	4	QFIEFALSK	9
PPUB-4175	Proteomics_pub	3814144	3814194	-	5	TASITGACVALVDALQK	17
PPUB-4176	Proteomics_pub	3814426	3814464	-	5	VLCTASIEEGVPR	13
PPUB-4177	Proteomics_pub	3814465	3814506	-	5	HAEGSVLVEFGDTK	14
PPUB-4178	Proteomics_pub	3814519	3814554	-	5	SNNQVRPVTLTR	12
PPUB-4179	Proteomics_pub	3837312	3837368	-	4	DGIFVEDKESPYVNLIVTR	19
PPUB-4180	Proteomics_pub	3837582	3837647	-	4	SLDELQDGSQVAVPNDPTNLGR	22
PPUB-4181	Proteomics_pub	3837657	3837707	-	4	LVAVGNTFVYPIAGYSK	17
PPUB-4182	Proteomics_pub	3837861	3837911	-	4	VGVIVGAEQQVAEVAQK	17
PPUB-4183	Proteomics_pub	3864495	3864527	-	4	IAISERPALNS	11
PPUB-4184	Proteomics_pub	3864528	3864557	-	4	NEPEPIAAQR	10
PPUB-4185	Proteomics_pub	3864558	3864602	-	4	GANLVNGLLYIDLER	15
PPUB-4186	Proteomics_pub	3864678	3864707	-	4	GTPEQPKEEK	10
PPUB-4187	Proteomics_pub	3864720	3864755	-	4	QEDLEIQLEGTR	12
PPUB-4188	Proteomics_pub	3864756	3864782	-	4	ITLALAGFR	9
PPUB-4189	Proteomics_pub	3864783	3864803	-	4	SDDNHYR	7
PPUB-4190	Proteomics_pub	3864888	3864920	-	4	MRNFDLSPLYR	11
PPUB-4191	Proteomics_pub	3864888	3864914	-	4	NFDLSPLMR	9
PPUB-4192	Proteomics_pub	3865077	3865121	-	4	GANLVNGLLYIDLER	15
PPUB-4193	Proteomics_pub	3865122	3865151	-	4	FQLAENIHVR	10
PPUB-4194	Proteomics_pub	3865122	3865154	-	4	KFQLAENIHVR	11
PPUB-4195	Proteomics_pub	3865167	3865196	-	4	TYLYQGIAER	10
PPUB-4196	Proteomics_pub	3865197	3865226	-	4	GAHADEQKER	10
PPUB-4197	Proteomics_pub	3865302	3865391	-	4	LFNHLENNQSQSNGGYPPYNVELVDENHYR	30
PPUB-4198	Proteomics_pub	3865413	3865445	-	4	MRNFDLSPLYR	11
PPUB-4199	Proteomics_pub	3865413	3865439	-	4	NFDLSPLYR	9
PPUB-4200	Proteomics_pub	3874178	3874216	-	6	SNLEDGVAFAIEK	13
PPUB-4201	Proteomics_pub	3874394	3874429	-	6	SAPYFLEILDKR	12
PPUB-4202	Proteomics_pub	3874397	3874429	-	6	SAPYFLEILDK	11
PPUB-4203	Proteomics_pub	3874640	3874672	-	6	EVGSHFHALDR	11

PPUB-4204	Proteomics_pub	3874694	3874747	-	6	AADGSTVAQTALSYDDYR	18
PPUB-4205	Proteomics_pub	3875749	3875775	-	5	AFIEENALK	9
PPUB-4206	Proteomics_pub	3875749	3875778	-	5	RAFIEENALK	10
PPUB-4207	Proteomics_pub	3875779	3875838	-	5	DAIAADQLFTTLMGDAVEPR	20
PPUB-4208	Proteomics_pub	3875959	3876006	-	5	RQPVASFEQALDWLVK	16
PPUB-4209	Proteomics_pub	3876016	3876048	-	5	GLLEEDAFIER	11
PPUB-4210	Proteomics_pub	3876148	3876198	-	5	FDVHTNAEQNLFEPIVR	17
PPUB-4211	Proteomics_pub	3876223	3876258	-	5	WVNALVSELNDK	12
PPUB-4212	Proteomics_pub	3876259	3876321	-	5	ELIQPTLTEADLSDEQTVTR	21
PPUB-4213	Proteomics_pub	3876367	3876396	-	5	LVSEYNATQK	10
PPUB-4214	Proteomics_pub	3876595	3876621	-	5	TLLLTFFYR	9
PPUB-4215	Proteomics_pub	3876844	3876924	-	5	LADCQERDPALSELYLVEGDSAGGSAK	27
PPUB-4216	Proteomics_pub	3876925	3876957	-	5	GALDLAAGLPQK	11
PPUB-4217	Proteomics_pub	3877165	3877194	-	5	EGLIAVVSVK	10
PPUB-4218	Proteomics_pub	3877402	3877443	-	5	TPIHPNIFYFSTEK	14
PPUB-4219	Proteomics_pub	3877450	3877473	-	5	AFVEYLNK	8
PPUB-4220	Proteomics_pub	3877531	3877566	-	5	ELSFLNSGV SIR	12
PPUB-4221	Proteomics_pub	3877657	3877716	-	5	QIYEHGVPQAPLAVTGETEK	20
PPUB-4222	Proteomics_pub	3877756	3877812	-	5	VSGGLHGVGVSVVNALSQK	19
PPUB-4223	Proteomics_pub	3878110	3878139	-	5	SNSYDSSSIK	10
PPUB-4224	Proteomics_pub	3879472	3879498	-	5	LYVSENQLK	9
PPUB-4225	Proteomics_pub	3879553	3879582	-	5	HLEAGCDLLK	10
PPUB-4226	Proteomics_pub	3879673	3879699	-	5	VQIGSNNIR	9
PPUB-4227	Proteomics_pub	3879700	3879729	-	5	MLDGGDNPLR	10
PPUB-4228	Proteomics_pub	3879754	3879816	-	5	LAVCSMPIGQSLPSHSVIVPR	21
PPUB-4229	Proteomics_pub	3880126	3880176	-	5	VALVQPHEPGATTVPAR	17
PPUB-4230	Proteomics_pub	3900582	3900617	-	4	VEEDGSINDDYR	12
PPUB-4231	Proteomics_pub	3900696	3900737	-	4	ASDWGWQIDPVGLR	14
PPUB-4232	Proteomics_pub	3908739	3908768	-	4	TFAQDLTNQK	10
PPUB-4233	Proteomics_pub	3908787	3908849	-	4	LISADGKVPSPTEENFANAAK	21
PPUB-4234	Proteomics_pub	3908874	3908915	-	4	LPGAIGYVEYAYAK	14
PPUB-4235	Proteomics_pub	3908916	3908948	-	4	GNDGIAAFVQR	11
PPUB-4236	Proteomics_pub	3909021	3909071	-	4	RADGSGTSFVFTSYLAK	17
PPUB-4237	Proteomics_pub	3909072	3909101	-	4	LPSQNIAVVR	10
PPUB-4238	Proteomics_pub	3909153	3909179	-	4	TLGDIYLGK	9
PPUB-4239	Proteomics_pub	3909345	3909398	-	4	ETGNKVNYYQGIGSSGGVK	18
PPUB-4240	Proteomics_pub	3909345	3909383	-	4	VNYQGIGSSGGVK	13
PPUB-4241	Proteomics_pub	3909892	3909915	-	5	GTDVDQPR	8
PPUB-4242	Proteomics_pub	3910180	3910227	-	5	EISYIHAEAYAAGELK	16
PPUB-4243	Proteomics_pub	3910234	3910272	-	5	GDQYPIALEGALK	13
PPUB-4244	Proteomics_pub	3910273	3910296	-	5	HHALFLGR	8
PPUB-4245	Proteomics_pub	3910273	3910329	-	5	IEALAEDFSDKHHALFLGR	19
PPUB-4246	Proteomics_pub	3910297	3910329	-	5	IEALAEDFSDK	11
PPUB-4247	Proteomics_pub	3910297	3910332	-	5	RIEALAEDFSDK	12
PPUB-4248	Proteomics_pub	3910330	3910359	-	5	IEQMLSQDKR	10
PPUB-4249	Proteomics_pub	3910333	3910359	-	5	IEQMLSQDK	9



PPUB-4250	Proteomics_pub	3910360	3910419	-	5	GLDASIEHDIVHGLQALPSR	20
PPUB-4251	Proteomics_pub	3910435	3910479	-	5	AFTTQLTVLLMLVAK	15
PPUB-4252	Proteomics_pub	3910540	3910599	-	5	ELGYLGS LAICNVP GSSSLVR	20
PPUB-4253	Proteomics_pub	3910696	3910755	-	5	YWFESLAGIPCDVEIASEFR	20
PPUB-4254	Proteomics_pub	3910756	3910815	-	5	VEHIQILACGTSYNSGMVSR	20
PPUB-4255	Proteomics_pub	3910816	3910878	-	5	ISHGQVDLSELGPNAD ELLSK	21
PPUB-4256	Proteomics_pub	3910897	3910926	-	5	EIYEQPNAIK	10
PPUB-4257	Proteomics_pub	3910954	3910998	-	5	RQDIESNLQYDAGDK	15
PPUB-4258	Proteomics_pub	3911041	3911082	-	5	FIFLEEGDIAEITR	14
PPUB-4259	Proteomics_pub	3911170	3911196	-	5	HPDTLLAAR	9
PPUB-4260	Proteomics_pub	3911197	3911229	-	5	GAYGTVMDSR	11
PPUB-4261	Proteomics_pub	3911470	3911538	-	5	VQMLAQAAEEHPLHGGTGIAHTR	23
PPUB-4262	Proteomics_pub	3911557	3911610	-	5	GYDSAGLAVVDAEGHMTR	18
PPUB-4263	Proteomics_pub	3911626	3911658	-	5	DVAEILLEGLR	11
PPUB-4264	Proteomics_pub	3911659	3911688	-	5	CGIVGAI AQR	10
PPUB-4265	Proteomics_pub	3911904	3911936	-	4	NVGENALAIR	11
PPUB-4266	Proteomics_pub	3911937	3911972	-	4	GATIAAGTTVTR	12
PPUB-4267	Proteomics_pub	3912171	3912230	-	4	LRPGAELLEGAHVGNFVEMK	20
PPUB-4268	Proteomics_pub	3912486	3912512	-	4	VYQSEQA EK	9
PPUB-4269	Proteomics_pub	3912537	3912566	-	4	LSEVEGVN NR	10
PPUB-4270	Proteomics_pub	3912567	3912593	-	4	EIVAVHPQR	9
PPUB-4271	Proteomics_pub	3912828	3912875	-	4	LRDAKPQGGIGLLTVK	16
PPUB-4272	Proteomics_pub	3913170	3913223	-	4	MLNNAMSVVILAAGKGTR	18
PPUB-4273	Proteomics_pub	3913179	3913223	-	4	MLNNAMSVVILAAGK	15
PPUB-4274	Proteomics_pub	3913624	3913692	-	5	AEEHISSSHGDVDYAQASAE LAK	23
PPUB-4275	Proteomics_pub	3913624	3913695	-	5	KAEEHISSSHGDVDYAQASAE LAK	24
PPUB-4276	Proteomics_pub	3913840	3913926	-	5	IQVTGSEGELGIYPGHAPLLTAIKPGMIR	29
PPUB-4277	Proteomics_pub	3913927	3913992	-	5	AMTYHLDVVS AEQQMFSGLVEK	22
PPUB-4278	Proteomics_pub	3914031	3914111	-	4	GIMEGEYDHLPEQAFYMVGSIEEAVEK	27
PPUB-4279	Proteomics_pub	3914148	3914201	-	4	FLSQPFVVAE VFTGSPGK	18
PPUB-4280	Proteomics_pub	3914235	3914282	-	4	DIIAILGMDELSEDK	16
PPUB-4281	Proteomics_pub	3914322	3914369	-	4	QLDPLVVGQEHYDTAR	16
PPUB-4282	Proteomics_pub	3914370	3914426	-	4	QIASLGIYP AVDPLDSTSR	19
PPUB-4283	Proteomics_pub	3914427	3914537	-	4	TGSITSVQAVYVPADDLTD P SPATTF AHL DATVVL SR	37
PPUB-4284	Proteomics_pub	3914553	3914615	-	4	MPSAVGYQPTLAEEMGVLQER	21
PPUB-4285	Proteomics_pub	3914616	3914657	-	4	YTLAGTEVS ALLGR	14
PPUB-4286	Proteomics_pub	3914658	3914702	-	4	DEGRDVLLFVDNIYR	15
PPUB-4287	Proteomics_pub	3914658	3914690	-	4	DVLLFVDNIYR	11
PPUB-4288	Proteomics_pub	3914709	3914741	-	4	VALTGLTMAEK	11
PPUB-4289	Proteomics_pub	3914748	3914792	-	4	VSLVYGQMN EPPGNR	15
PPUB-4290	Proteomics_pub	3914793	3914843	-	4	EGNDFYHEMTDSNVIDK	17
PPUB-4291	Proteomics_pub	3914793	3914849	-	4	TREGNDFYHEMTDSNVIDK	19
PPUB-4292	Proteomics_pub	3914850	3914903	-	4	NIAIEHSGYSVFAGVGER	18
PPUB-4293	Proteomics_pub	3914904	3914930	-	4	TVNMMELIR	9
PPUB-4294	Proteomics_pub	3914931	3914972	-	4	GGKVGLFGGAGVGK	14
PPUB-4295	Proteomics_pub	3914931	3914963	-	4	VGLFGGAGVGK	11

PPUB-4296	Proteomics_pub	3914973	3915002	-	4	VIDLMCPFAK	10
PPUB-4297	Proteomics_pub	3915003	3915062	-	4	AAPSYEELSNSQELLETKGK	20
PPUB-4298	Proteomics_pub	3915078	3915137	-	4	IMNVLGEPVDMKGEIGEEER	20
PPUB-4299	Proteomics_pub	3915102	3915137	-	4	IMNVLGEPVDMK	12
PPUB-4300	Proteomics_pub	3915153	3915188	-	4	DLEHPIEVPVGK	12
PPUB-4301	Proteomics_pub	3915207	3915239	-	4	TIAMGSSDGLR	11
PPUB-4302	Proteomics_pub	3915240	3915284	-	4	LVLEVQQQLGGGIVR	15
PPUB-4303	Proteomics_pub	3915285	3915323	-	4	VYDALEVQNGNER	13
PPUB-4304	Proteomics_pub	3915512	3915544	-	6	AATDNGGSLIK	11
PPUB-4305	Proteomics_pub	3915650	3915682	-	6	SWDYLYEPDPK	11
PPUB-4306	Proteomics_pub	3915788	3915826	-	6	VMLQAYDEGRDLK	13
PPUB-4307	Proteomics_pub	3915926	3915961	-	6	GVQCDLAMIGSK	12
PPUB-4308	Proteomics_pub	3915995	3916033	-	6	GLCGGLNINLFKK	13
PPUB-4309	Proteomics_pub	3916034	3916063	-	6	VGYLVVSTDR	10
PPUB-4310	Proteomics_pub	3916223	3916258	-	6	IASVQNTQKITK	12
PPUB-4311	Proteomics_pub	3916232	3916264	-	6	SKIASVQNTQK	11
PPUB-4312	Proteomics_pub	3916492	3916521	-	5	GYLADVLSK	10
PPUB-4313	Proteomics_pub	3916522	3916578	-	5	QYAPMSVAQQSLVLFAAER	19
PPUB-4314	Proteomics_pub	3916603	3916626	-	5	KQLDHGQK	8
PPUB-4315	Proteomics_pub	3916624	3916677	-	5	ELAAFSQFASDLDDATR	18
PPUB-4316	Proteomics_pub	3916627	3916677	-	5	ELAAFSQFASDLDDATR	17
PPUB-4317	Proteomics_pub	3916927	3916971	-	5	VNAEYVEAFTKGEVK	15
PPUB-4318	Proteomics_pub	3916939	3916971	-	5	VNAEYVEAFTK	11
PPUB-4319	Proteomics_pub	3916993	3917031	-	5	EAFPGDVVFLHSR	13
PPUB-4320	Proteomics_pub	3917086	3917130	-	5	DRGEDALIIYDDLSK	15
PPUB-4321	Proteomics_pub	3917278	3917304	-	5	CIYVAIGQK	9
PPUB-4322	Proteomics_pub	3917320	3917355	-	5	TALAIIDAIINQR	12
PPUB-4323	Proteomics_pub	3917398	3917427	-	5	AVDSMIPIGR	10
PPUB-4324	Proteomics_pub	3917428	3917463	-	5	QSVDQPVQTYK	12
PPUB-4325	Proteomics_pub	3917464	3917526	-	5	GPLDHDGFSAVEAIAPGVIER	21
PPUB-4326	Proteomics_pub	3917527	3917562	-	5	VVNTLGAPIDGK	12
PPUB-4327	Proteomics_pub	3917677	3917703	-	5	YAIALNLER	9
PPUB-4328	Proteomics_pub	3917704	3917760	-	5	IHGLADCMQGENISLPGNR	19
PPUB-4329	Proteomics_pub	3917761	3917835	-	5	IAQFNVVSEAHNEGTIVSVSDGVIR	25
PPUB-4330	Proteomics_pub	3917842	3917880	-	5	MQLNSTEISELIK	13
PPUB-4331	Proteomics_pub	3917932	3917964	-	5	AGDMVIDGSVR	11
PPUB-4332	Proteomics_pub	3918055	3918126	-	5	AVSEATAEVDVISAAAALSEQQLAK	24
PPUB-4333	Proteomics_pub	3918127	3918171	-	5	LNALPDVLEQFIHLR	15
PPUB-4334	Proteomics_pub	3918307	3918345	-	5	WQDMLAFAAEVTK	13
PPUB-4335	Proteomics_pub	3918346	3918387	-	5	AAFDFAVEHQSVR	14
PPUB-4336	Proteomics_pub	3918388	3918423	-	5	SEFITVARPYAK	12
PPUB-4337	Proteomics_pub	3918459	3918497	-	4	SVDEAANSDIVDK	13
PPUB-4338	Proteomics_pub	3918510	3918545	-	4	QVAILAVAGA EK	12
PPUB-4339	Proteomics_pub	3918618	3918662	-	4	SQILDEAKAEAEQER	15
PPUB-4340	Proteomics_pub	3918669	3918704	-	4	AEAQVIEQANK	12
PPUB-4341	Proteomics_pub	3918765	3918797	-	4	EIADGLASAER	11

PPUB-4342	Proteomics_pub	3919063	3919089	-	5	QPDLIPLLR	9
PPUB-4343	Proteomics_pub	3920685	3920735	-	4	TCAFIDAEHALDPIYAR	17
PPUB-4344	Proteomics_pub	3921113	3921142	-	6	LQVPALDGER	10
PPUB-4345	Proteomics_pub	3921641	3921673	-	6	DAGISLTDHQK	11
PPUB-4346	Proteomics_pub	3921848	3921889	-	6	LNDHKPASIGQASR	14
PPUB-4347	Proteomics_pub	3922271	3922297	-	6	ELGLVDDER	9
PPUB-4348	Proteomics_pub	3923102	3923134	-	6	AGDPPSIPLSR	11
PPUB-4349	Proteomics_pub	3923411	3923440	-	6	AIDQAGIQFR	10
PPUB-4350	Proteomics_pub	3924038	3924112	-	6	INILDHDIPEDPAEEWLGSWVNLK	25
PPUB-4351	Proteomics_pub	3924200	3924226	-	6	FGAIGIGSR	9
PPUB-4352	Proteomics_pub	3927294	3927323	-	4	LNSPWAEQAR	10
PPUB-4353	Proteomics_pub	3939288	3939314	-	4	NLSYVLAEK	9
PPUB-4354	Proteomics_pub	3939315	3939347	-	4	PLSAQQLAAQK	11
PPUB-4355	Proteomics_pub	3957163	3957222	-	5	VHFISALHGSGVGNLFESVR	20
PPUB-4356	Proteomics_pub	3962700	3962735	-	4	LDILIATDVAAR	12
PPUB-4357	Proteomics_pub	3962700	3962729	-	4	VLVATDIAAR	10
PPUB-4358	Proteomics_pub	3962925	3962963	-	4	IKEELFYPSNEEK	13
PPUB-4359	Proteomics_pub	3963276	3963311	-	4	LGLAYGGDGYDK	12
PPUB-4360	Proteomics_pub	3963477	3963512	-	4	DVLGMAQTGSGK	12
PPUB-4361	Proteomics_pub	3963477	3963512	-	4	DVAGQAQTGTGK	12
PPUB-4362	Proteomics_pub	3987971	3988009	-	6	ALVGAPDGSQIIR	13
PPUB-4363	Proteomics_pub	3988487	3988540	-	6	DVPVEFPQGLGLVTICER	18
PPUB-4364	Proteomics_pub	3988625	3988657	-	6	GDVILDTPLAK	11
PPUB-4365	Proteomics_pub	3991765	3991836	-	5	SGETFWDLLEQAATQQAGETVSFR	24
PPUB-4366	Proteomics_pub	3992023	3992058	-	5	LADQLWLTIEER	12
PPUB-4367	Proteomics_pub	4004769	4004810	-	4	HNAGAWFVDLLAER	14
PPUB-4368	Proteomics_pub	4048510	4048563	-	5	LVDLPGYGYAEVPEEMKR	18
PPUB-4369	Proteomics_pub	4048564	4048605	-	5	TQLINLFEVADGKR	14
PPUB-4370	Proteomics_pub	4048639	4048686	-	5	SNAGKSSALNTLTNQK	16
PPUB-4371	Proteomics_pub	4048639	4048671	-	5	SSALNTLTNQK	11
PPUB-4372	Proteomics_pub	4048687	4048731	-	5	HLPSTGTIEVAFAGR	15
PPUB-4373	Proteomics_pub	4053403	4053438	-	5	EGGTGLGLSIAR	12
PPUB-4374	Proteomics_pub	4054651	4054692	-	5	MTPHPVEFELYYSV	14
PPUB-4375	Proteomics_pub	4054714	4054767	-	5	AGGVFTDEAIDAYIALRR	18
PPUB-4376	Proteomics_pub	4054717	4054767	-	5	AGGVFTDEAIDAYIALR	17
PPUB-4377	Proteomics_pub	4054768	4054839	-	5	EIPQVAGSLEEALNELDLREFLK	24
PPUB-4378	Proteomics_pub	4054780	4054839	-	5	EIPQVAGSLEEALNELDLDR	20
PPUB-4379	Proteomics_pub	4054873	4054899	-	5	IHPGEAMDK	9
PPUB-4380	Proteomics_pub	4054906	4054977	-	5	FPDPAANPYLCFAALLMAGLDGIK	24
PPUB-4381	Proteomics_pub	4054999	4055037	-	5	SASIRIPVVSSPK	13
PPUB-4382	Proteomics_pub	4055044	4055091	-	5	LVPGYEAPVMLAYSAR	16
PPUB-4383	Proteomics_pub	4055044	4055094	-	5	RLVPGYEAPVMLAYSAR	17
PPUB-4384	Proteomics_pub	4055092	4055136	-	5	AINALANPTTNSYKR	15
PPUB-4385	Proteomics_pub	4055095	4055136	-	5	AINALANPTTNSYK	14
PPUB-4386	Proteomics_pub	4055146	4055196	-	5	YAGLSEQALYYIGGVIK	17
PPUB-4387	Proteomics_pub	4055197	4055226	-	5	NGVNLFAGDK	10

PPUB-4388	Proteomics_pub	4055311	4055337	-	5	YVVHNVHR	9
PPUB-4389	Proteomics_pub	4055338	4055364	-	5	KADEIQIYK	9
PPUB-4390	Proteomics_pub	4055479	4055526	-	5	GGYFPVPPVDSAQDIR	16
PPUB-4391	Proteomics_pub	4055548	4055637	-	5	FGSSISGSHVAIDIEGAWNSSTQYEGGNK	30
PPUB-4392	Proteomics_pub	4055638	4055706	-	5	STGIADTVLFGPEPEFFLDDIR	23
PPUB-4393	Proteomics_pub	4055740	4055790	-	5	CDILEPGTLQGYDRDPR	17
PPUB-4394	Proteomics_pub	4055881	4055913	-	5	MFDGSSIGGWK	11
PPUB-4395	Proteomics_pub	4055914	4055973	-	5	EQHVTIPAHQVNAEFFEEGK	20
PPUB-4396	Proteomics_pub	4055914	4055979	-	5	GKEQHVTIPAHQVNAEFFEEGK	22
PPUB-4397	Proteomics_pub	4056010	4056054	-	5	SAEHLVMTLNEHEVK	15
PPUB-4398	Proteomics_pub	4078463	4078498	-	6	AESCDDCDTYLK	12
PPUB-4399	Proteomics_pub	4079087	4079125	-	6	ELAENNPGLDYLR	13
PPUB-4400	Proteomics_pub	4079201	4079239	-	6	IIPQDELGSSEKR	13
PPUB-4401	Proteomics_pub	4079566	4079601	-	5	IVVNEEVGDTGR	12
PPUB-4402	Proteomics_pub	4080252	4080284	-	4	VVVGQEPACVK	11
PPUB-4403	Proteomics_pub	4080711	4080749	-	4	SATNGLTPAPQAR	13
PPUB-4404	Proteomics_pub	4080753	4080779	-	4	AYQSQDIIR	9
PPUB-4405	Proteomics_pub	4080798	4080824	-	4	SFLVNVEKV	9
PPUB-4406	Proteomics_pub	4080894	4080947	-	4	DIDTIGIPIHWGYEGVAK	18
PPUB-4407	Proteomics_pub	4081026	4081055	-	4	LGIAQGDTVK	10
PPUB-4408	Proteomics_pub	4081155	4081190	-	4	ADKFPYVGTTYR	12
PPUB-4409	Proteomics_pub	4081458	4081499	-	4	ASADPQGNPWDPKR	14
PPUB-4410	Proteomics_pub	4081662	4081694	-	4	GQQLSSFAQLR	11
PPUB-4411	Proteomics_pub	4081662	4081697	-	4	KGQQLSSFAQLR	12
PPUB-4412	Proteomics_pub	4081698	4081745	-	4	ALADITDPATGAVIVK	16
PPUB-4413	Proteomics_pub	4081869	4081931	-	4	GADAPGIALTDGEILSGIFLR	21
PPUB-4414	Proteomics_pub	4081953	4082027	-	4	IQTEVFRLPSTCFEENGSIIVNSGR	25
PPUB-4415	Proteomics_pub	4082028	4082114	-	4	FLVTIDPLNTETSNFWQNHGELNEVDSSK	29
PPUB-4416	Proteomics_pub	4082211	4082246	-	4	GYDVLQYFEMMK	12
PPUB-4417	Proteomics_pub	4082577	4082639	-	4	TASFLYALGWTQHSVGAQNIR	21
PPUB-4418	Proteomics_pub	4082640	4082678	-	4	VCEYIAETSAHDK	13
PPUB-4419	Proteomics_pub	4082772	4082795	-	4	DTTLQHPR	8
PPUB-4420	Proteomics_pub	4082958	4083017	-	4	SGTDIAFLSGVLLYLLNNEK	20
PPUB-4421	Proteomics_pub	4083018	4083053	-	4	TAAVADYYAPIR	12
PPUB-4422	Proteomics_pub	4083120	4083182	-	4	NANLVVVMGGNAEAHPVGFR	21
PPUB-4423	Proteomics_pub	4083264	4083299	-	4	ALGMLAVDNQAR	12
PPUB-4424	Proteomics_pub	4083375	4083431	-	4	EDRDANYIAQNAEGVTVNR	19
PPUB-4425	Proteomics_pub	4083450	4083485	-	4	WQQISWEEAFDR	12
PPUB-4426	Proteomics_pub	4083525	4083563	-	4	GAGLVDFIHSESR	13
PPUB-4427	Proteomics_pub	4103127	4103159	-	4	EHLSQEVLGKR	11
PPUB-4428	Proteomics_pub	4103130	4103159	-	4	EHLSQEVLGK	10
PPUB-4429	Proteomics_pub	4103259	4103342	-	4	SHWSEQQQNNDNGSPTLEVDALVLNPR	28
PPUB-4430	Proteomics_pub	4103379	4103435	-	4	ILGLEIGADDYITKPFNPR	19
PPUB-4431	Proteomics_pub	4103454	4103492	-	4	QTHQTPVIMLTAR	13
PPUB-4432	Proteomics_pub	4103640	4103684	-	4	ILLVDDRELTSLK	15
PPUB-4433	Proteomics_pub	4108943	4108966	-	6	FIRDHIAK	8

PPUB-4434	Proteomics_pub	4108967	4109002	-	6	SATPAQAQAVHK	12
PPUB-4435	Proteomics_pub	4109003	4109074	-	6	TQGAAAFEGAVIAYEPVWAIGTGK	24
PPUB-4436	Proteomics_pub	4109096	4109179	-	6	EQGLTPVLCIGETEAENEAGKTEEVCAR	28
PPUB-4437	Proteomics_pub	4109117	4109179	-	6	EQGLTPVLCIGETEAENEAGK	21
PPUB-4438	Proteomics_pub	4109234	4109278	-	6	DIGAQYIIIGHSERR	15
PPUB-4439	Proteomics_pub	4109237	4109278	-	6	DIGAQYIIIGHSER	14
PPUB-4440	Proteomics_pub	4109378	4109446	-	6	ELAGVAGCAVAIAPPEMYIDMAK	23
PPUB-4441	Proteomics_pub	4109447	4109482	-	6	HMVHELVSNLRK	12
PPUB-4442	Proteomics_pub	4109450	4109482	-	6	HMVHELVSNLR	11
PPUB-4443	Proteomics_pub	4109498	4109524	-	6	HPLVMGNWK	9
PPUB-4444	Proteomics_pub	4109498	4109530	-	6	MRHPLVMGNWK	11
PPUB-4445	Proteomics_pub	4112064	4112090	-	4	NLVLVHAAR	9
PPUB-4446	Proteomics_pub	4112355	4112381	-	4	LGLEIDGER	9
PPUB-4447	Proteomics_pub	4113740	4113766	-	6	AMAWEEHDE	9
PPUB-4448	Proteomics_pub	4113806	4113838	-	6	EFRPGIETTER	11
PPUB-4449	Proteomics_pub	4113854	4113934	-	6	EVTALGAAYLAGLAVGFWQNLDELQEK	27
PPUB-4450	Proteomics_pub	4113956	4114021	-	6	VDGGAVANNFLMQFQSDILGTR	22
PPUB-4451	Proteomics_pub	4114037	4114075	-	6	DVLEAMQADSGIR	13
PPUB-4452	Proteomics_pub	4114076	4114108	-	6	ATLESIAYQTR	11
PPUB-4453	Proteomics_pub	4114109	4114135	-	6	GVNANHIIIR	9
PPUB-4454	Proteomics_pub	4114238	4114279	-	6	LINDAYDSEYFATK	14
PPUB-4455	Proteomics_pub	4114409	4114456	-	6	NTYGTGCFMLMNTGEK	16
PPUB-4456	Proteomics_pub	4114547	4114588	-	6	RSSEVYGQTNIGGK	14
PPUB-4457	Proteomics_pub	4114547	4114585	-	6	SSEVYGQTNIGGK	13
PPUB-4458	Proteomics_pub	4114610	4114636	-	6	MLEVLDIPR	9
PPUB-4459	Proteomics_pub	4114637	4114678	-	6	TMLFNIHTLDWDDK	14
PPUB-4460	Proteomics_pub	4114679	4114711	-	6	VHVTDYTNASR	11
PPUB-4461	Proteomics_pub	4114787	4114816	-	6	WILDHVEGSR	10
PPUB-4462	Proteomics_pub	4114823	4114867	-	6	SNTGLVIDPYFSGTK	15
PPUB-4463	Proteomics_pub	4114868	4114891	-	6	DGLEDYIR	8
PPUB-4464	Proteomics_pub	4114925	4114969	-	6	ETGKPIYNAIVWQCR	15
PPUB-4465	Proteomics_pub	4114994	4115044	-	6	ADISSDQIAAIGITNQR	17
PPUB-4466	Proteomics_pub	4115144	4115191	-	6	AVVMDHDANIISVSQR	16
PPUB-4467	Proteomics_pub	4115192	4115233	-	6	KYIVALDQGTSSR	14
PPUB-4468	Proteomics_pub	4115192	4115230	-	6	YIVALDQGTSSR	13
PPUB-4469	Proteomics_pub	4117144	4117176	-	5	VLVVDGGGSVR	11
PPUB-4470	Proteomics_pub	4117183	4117233	-	5	CFEDNGLLYDLLEQNGR	17
PPUB-4471	Proteomics_pub	4117234	4117266	-	5	ASFGGQIITVK	11
PPUB-4472	Proteomics_pub	4118442	4118489	-	4	HLDALVAEDEDLSRFIL	16
PPUB-4473	Proteomics_pub	4118451	4118489	-	4	HLDALVAEDEDLSR	13
PPUB-4474	Proteomics_pub	4118592	4118645	-	4	IAEAAWQVNESTENIGAR	18
PPUB-4475	Proteomics_pub	4118703	4118744	-	4	ILTEPNASITVQYK	14
PPUB-4476	Proteomics_pub	4118745	4118783	-	4	VELQALTTSDFER	13
PPUB-4477	Proteomics_pub	4118892	4118933	-	4	DLLPLVEGCTVSTK	14
PPUB-4478	Proteomics_pub	4118982	4119020	-	4	GIVYIDEIDKISR	13
PPUB-4479	Proteomics_pub	4118991	4119020	-	4	GIVYIDEIDK	10

PPUB-4480	Proteomics_pub	4118991	4119050	-	4	QDAIDAVEQHGIVFIDEIDK	20
PPUB-4481	Proteomics_pub	4119303	4119350	-	4	NNWGGTEQQQEPSAAR	16
PPUB-4482	Proteomics_pub	4119351	4119380	-	4	ILDVLIPPAK	10
PPUB-4483	Proteomics_pub	4119489	4119515	-	4	FTEVGYVGK	9
PPUB-4484	Proteomics_pub	4119582	4119617	-	4	NILMIGPTGVGK	12
PPUB-4485	Proteomics_pub	4119699	4119725	-	4	HIIGQDNAK	9
PPUB-4486	Proteomics_pub	4119873	4119905	-	4	ALLENTELSAR	11
PPUB-4487	Proteomics_pub	4120089	4120121	-	4	KLEMHQGHVVK	11
PPUB-4488	Proteomics_pub	4126149	4126175	-	4	SDEIPEAAK	9
PPUB-4489	Proteomics_pub	4138889	4138912	-	6	TMDIGGDK	8
PPUB-4490	Proteomics_pub	4139021	4139071	-	6	DVEGAERNGAEGVGLYR	17
PPUB-4491	Proteomics_pub	4139021	4139050	-	6	NGAEGVGLYR	10
PPUB-4492	Proteomics_pub	4147578	4147646	-	4	LLNENNALPPLANFKDESGNEPR	23
PPUB-4493	Proteomics_pub	4148575	4148625	-	5	NIYTDPLNVLQAELLHR	17
PPUB-4494	Proteomics_pub	4148767	4148802	-	5	ADLWLAEYYDQR	12
PPUB-4495	Proteomics_pub	4148803	4148832	-	5	LGMLEMVFAK	10
PPUB-4496	Proteomics_pub	4148902	4148946	-	5	LMLPAWLGAAGTALQK	15
PPUB-4497	Proteomics_pub	4148947	4148982	-	5	AIPWIFAWTQNR	12
PPUB-4498	Proteomics_pub	4148983	4149012	-	5	RPTGGVESLR	10
PPUB-4499	Proteomics_pub	4148983	4149015	-	5	RRPTGGVESLR	11
PPUB-4500	Proteomics_pub	4149016	4149072	-	5	SATPEQELGKPLGSRPAK	19
PPUB-4501	Proteomics_pub	4149043	4149072	-	5	SATPEQELGK	10
PPUB-4502	Proteomics_pub	4149073	4149093	-	5	DFVPYFR	7
PPUB-4503	Proteomics_pub	4149268	4149294	-	5	VTEQGEMIR	9
PPUB-4504	Proteomics_pub	4149307	4149360	-	5	GGAPAHAALLSQPPGSLK	18
PPUB-4505	Proteomics_pub	4149379	4149411	-	5	AGIELTLFHGR	11
PPUB-4506	Proteomics_pub	4149484	4149519	-	5	QMVMIGYSDSAK	12
PPUB-4507	Proteomics_pub	4149649	4149687	-	5	TPSDVLAVHLLLK	13
PPUB-4508	Proteomics_pub	4149766	4149792	-	5	NWQPSAETR	9
PPUB-4509	Proteomics_pub	4149844	4149888	-	5	YLGIGDYESWSEADK	15
PPUB-4510	Proteomics_pub	4149889	4149918	-	5	HTEALGELTR	10
PPUB-4511	Proteomics_pub	4149946	4149969	-	5	CFGVPLVR	8
PPUB-4512	Proteomics_pub	4150123	4150155	-	5	LMATQAWLEAR	11
PPUB-4513	Proteomics_pub	4150279	4150305	-	5	WKATDLFLK	9
PPUB-4514	Proteomics_pub	4150327	4150362	-	5	DGNPNVTADITR	12
PPUB-4515	Proteomics_pub	4150327	4150389	-	5	FTSWMGGDRDGNPNVTADITR	21
PPUB-4516	Proteomics_pub	4150390	4150416	-	5	LPVEFVPVR	9
PPUB-4517	Proteomics_pub	4150417	4150455	-	5	ELNEQLEENLGYK	13
PPUB-4518	Proteomics_pub	4150513	4150542	-	5	LRPSPVDEAK	10
PPUB-4519	Proteomics_pub	4150594	4150629	-	5	DIADYEHNQLMR	12
PPUB-4520	Proteomics_pub	4150750	4150785	-	5	NQPELSEDTIKK	12
PPUB-4521	Proteomics_pub	4150753	4150785	-	5	NQPELSEDTIK	11
PPUB-4522	Proteomics_pub	4150804	4150839	-	5	GEAASNPEVIAR	12
PPUB-4523	Proteomics_pub	4150840	4150902	-	5	AFSQFLNLANTAEQYHSISPK	21
PPUB-4524	Proteomics_pub	4150903	4150983	-	5	AGNDANRQELLTTLQNLNDELPPVAR	27
PPUB-4525	Proteomics_pub	4151020	4151049	-	5	DALGEHILER	10

PPUB-4526	Proteomics_pub	4151095	4151121	-	5	MNEQYSALR	9
PPUB-4527	Proteomics_pub	4157416	4157448	-	5	VAALNGLNRLF	11
PPUB-4528	Proteomics_pub	4158391	4158459	-	5	FVDEHTLALDCPDGSVETLTAEK	23
PPUB-4529	Proteomics_pub	4158460	4158492	-	5	NHCEILQGNAR	11
PPUB-4530	Proteomics_pub	4158652	4158702	-	5	YNTLGGVCLNVGCIPSK	17
PPUB-4531	Proteomics_pub	4160301	4160339	-	4	ILYISCNPETLCK	13
PPUB-4532	Proteomics_pub	4189966	4189995	-	5	LAVEAGLLAR	10
PPUB-4533	Proteomics_pub	4190167	4190244	-	5	RLEEVGCAAVMPLGAPIGSNQGLETR	26
PPUB-4534	Proteomics_pub	4190317	4190349	-	5	WLLPDIETLK	11
PPUB-4535	Proteomics_pub	4190350	4190373	-	5	LEIHPDAR	8
PPUB-4536	Proteomics_pub	4190374	4190400	-	5	EALGTNWLK	9
PPUB-4537	Proteomics_pub	4190401	4190439	-	5	TAEAAIFAAHLAR	13
PPUB-4538	Proteomics_pub	4190527	4190565	-	5	ASGSQVLVTLAMKR	13
PPUB-4539	Proteomics_pub	4190530	4190565	-	5	ASGSQVLVTLAMK	12
PPUB-4540	Proteomics_pub	4190566	4190601	-	5	FASSQLMVEAIR	12
PPUB-4541	Proteomics_pub	4190602	4190637	-	5	TFDShLFTGTGK	12
PPUB-4542	Proteomics_pub	4190847	4190894	-	4	RASGCPVCGGSNADPV	16
PPUB-4543	Proteomics_pub	4190940	4190978	-	4	LLSGIETPAGELR	13
PPUB-4544	Proteomics_pub	4191204	4191245	-	4	ADVVLDCDNDMATR	14
PPUB-4545	Proteomics_pub	4191282	4191329	-	4	LTQLNPDIQLTALQQR	16
PPUB-4546	Proteomics_pub	4191931	4191996	-	5	HQAYGVHLGQEDLQATDLNAIR	22
PPUB-4547	Proteomics_pub	4192009	4192032	-	5	LFINDYWR	8
PPUB-4548	Proteomics_pub	4192147	4192191	-	5	SGLYPVVVDSVQWIER	15
PPUB-4549	Proteomics_pub	4192362	4192394	-	4	VAHFCSMCGPK	11
PPUB-4550	Proteomics_pub	4192395	4192433	-	4	AYHDETLQPESGK	13
PPUB-4551	Proteomics_pub	4192434	4192478	-	4	WEDQFNALDLPFTAR	15
PPUB-4552	Proteomics_pub	4192539	4192568	-	4	IAAHAADLAK	10
PPUB-4553	Proteomics_pub	4192590	4192625	-	4	EHLGLPNKEDVK	12
PPUB-4554	Proteomics_pub	4192992	4193039	-	4	WCLSHHQENFLYQHFR	16
PPUB-4555	Proteomics_pub	4193217	4193267	-	4	NSPVPIGTVPIYQALEK	17
PPUB-4556	Proteomics_pub	4193301	4193339	-	4	WGADTVMDLSTGR	13
PPUB-4557	Proteomics_pub	4193358	4193417	-	4	VNANIGNSAVTSSIEEEVEK	20
PPUB-4558	Proteomics_pub	4193433	4193489	-	4	AIIIPANINHPESEPMIIGR	19
PPUB-4559	Proteomics_pub	4193511	4193576	-	4	HQHPGMSFGAHLPENITAEFVR	22
PPUB-4560	Proteomics_pub	4193619	4193660	-	4	QGIITPEMEFIAIR	14
PPUB-4561	Proteomics_pub	4193661	4193684	-	4	VTQLHYAR	8
PPUB-4562	Proteomics_pub	4193706	4193729	-	4	FSGVLTPK	8
PPUB-4563	Proteomics_pub	4193730	4193759	-	4	LADDGLDELRL	10
PPUB-4564	Proteomics_pub	4193784	4193810	-	4	GDTEELTVR	9
PPUB-4565	Proteomics_pub	4193811	4193837	-	4	LRQPWIDAR	9
PPUB-4566	Proteomics_pub	4193838	4193942	-	4	EQPQYEENEAIIPVYDTS GPYGD PQIAINVQQGLAK	35
PPUB-4567	Proteomics_pub	4193943	4193981	-	4	EIQLSPTLIGGSK	13
PPUB-4568	Proteomics_pub	4193994	4194026	-	4	IYITGTHPGVR	11
PPUB-4569	Proteomics_pub	4194030	4194080	-	4	AQHFDITLEGTAFPNSK	17
PPUB-4570	Proteomics_pub	4202758	4202805	-	5	VLCVTALGHTVAEAQK	16
PPUB-4571	Proteomics_pub	4202806	4202844	-	5	LADDEQVVTNGGR	13

PPUB-4572	Proteomics_pub	4202866	4202916	-	5	TGDVIHGLPLEEVAGGK	17
PPUB-4573	Proteomics_pub	4203049	4203084	-	5	FGDPETQPIMLR	12
PPUB-4574	Proteomics_pub	4203217	4203291	-	5	DTGPNTGGMGAYSPAPVVTDDVHQR	25
PPUB-4575	Proteomics_pub	4203547	4203606	-	5	IPTAEYQNFTEVEPALAYLR	20
PPUB-4576	Proteomics_pub	4203640	4203684	-	5	IFGPTAGAAQLEGSK	15
PPUB-4577	Proteomics_pub	4203721	4203762	-	5	IDLTIVGPEAPLVK	14
PPUB-4578	Proteomics_pub	4204110	4204148	-	4	GSSMASDAFFPFR	13
PPUB-4579	Proteomics_pub	4204206	4204247	-	4	NNMTIGIGAGQMSR	14
PPUB-4580	Proteomics_pub	4204290	4204310	-	4	DALFCWK	7
PPUB-4581	Proteomics_pub	4204350	4204382	-	4	DLGMVGAELR	11
PPUB-4582	Proteomics_pub	4204383	4204415	-	4	RVNGLLVQDR	11
PPUB-4583	Proteomics_pub	4204383	4204412	-	4	VNGLLVQDR	10
PPUB-4584	Proteomics_pub	4204437	4204466	-	4	VLTCGQWGER	10
PPUB-4585	Proteomics_pub	4204494	4204544	-	4	QFVEVIIAPSASEEALK	17
PPUB-4586	Proteomics_pub	4204545	4204583	-	4	ELDAETAQAIISR	13
PPUB-4587	Proteomics_pub	4204584	4204628	-	4	TDPTSAFGGIIAFNR	15
PPUB-4588	Proteomics_pub	4204638	4204694	-	4	HANPCGVAIGNSILDAYDR	19
PPUB-4589	Proteomics_pub	4204695	4204727	-	4	EFAEPACVIVK	11
PPUB-4590	Proteomics_pub	4204728	4204781	-	4	ALSYNNIADTDAALECVK	18
PPUB-4591	Proteomics_pub	4204782	4204820	-	4	EASVATATQVQ GK	13
PPUB-4592	Proteomics_pub	4204821	4204874	-	4	YGENSHQQAIFYIENVK	18
PPUB-4593	Proteomics_pub	4204938	4205021	-	4	AFEHTAAYDSMIANYFGSMVPAYHGSK	28
PPUB-4594	Proteomics_pub	4205040	4205081	-	4	EMDDNEGSLTLATR	14
PPUB-4595	Proteomics_pub	4205151	4205213	-	4	EGCSLEDAVENIDIGGPTMVR	21
PPUB-4596	Proteomics_pub	4205355	4205414	-	4	GLPVTEVSDYTGFPPEMDGR	20
PPUB-4597	Proteomics_pub	4205430	4205465	-	4	GVELLSTGGTAR	12
PPUB-4598	Proteomics_pub	4205466	4205504	-	4	AGIVEFAQALSAR	13
PPUB-4599	Proteomics_pub	4220989	4221030	-	5	GYSFDDEEHALGLR	14
PPUB-4600	Proteomics_pub	4221163	4221192	-	5	LPLHASGAGK	10
PPUB-4601	Proteomics_pub	4221565	4221618	-	5	KPAVATAPATGQVQSLTR	18
PPUB-4602	Proteomics_pub	4231191	4231232	-	4	FGGTSVADFDAMNR	14
PPUB-4603	Proteomics_pub	4231191	4231253	-	4	SEIVVSKFGGTSVADFDAMNR	21
PPUB-4604	Proteomics_pub	4243264	4243302	-	5	QTVDEALKDAQTR	13
PPUB-4605	Proteomics_pub	4243387	4243416	-	5	IAATMENAQK	10
PPUB-4606	Proteomics_pub	4243450	4243479	-	5	DKPLGAVALK	10
PPUB-4607	Proteomics_pub	4243480	4243533	-	5	EFLENYLLTDEGLEAVNK	18
PPUB-4608	Proteomics_pub	4243546	4243611	-	5	GQPSKPFVGVLSAGINAASPNK	22
PPUB-4609	Proteomics_pub	4243612	4243647	-	5	VNYGVTVLPTFK	12
PPUB-4610	Proteomics_pub	4243648	4243707	-	5	GETAMTINGPWAWSNIDTSK	20
PPUB-4611	Proteomics_pub	4243765	4243797	-	5	AGLTLFLVDLIK	11
PPUB-4612	Proteomics_pub	4243798	4243827	-	5	DVGVDNAGAK	10
PPUB-4613	Proteomics_pub	4243798	4243839	-	5	YDIKDVVDNAGAK	14
PPUB-4614	Proteomics_pub	4243954	4243983	-	5	TWEEIPALDK	10
PPUB-4615	Proteomics_pub	4244008	4244058	-	5	LIAYPIAVEALS LIYNK	17
PPUB-4616	Proteomics_pub	4244071	4244100	-	5	LYPFTWDAVR	10
PPUB-4617	Proteomics_pub	4244167	4244226	-	5	FPQVAATGDGPDIIFWAHDR	20



PPUB-4618	Proteomics_pub	4244290	4244319	-	5	GYNGLAEVVK	10
PPUB-4619	Proteomics_pub	4244320	4244346	-	5	LVIWINGDK	9
PPUB-4620	Proteomics_pub	4252231	4252275	-	5	LSVLHGINAPEFFDK	15
PPUB-4621	Proteomics_pub	4252378	4252407	-	5	TLQLLAAGAR	10
PPUB-4622	Proteomics_pub	4253623	4253658	-	5	LYQGINVHNAER	12
PPUB-4623	Proteomics_pub	4261724	4261753	-	6	LIGTVGTAQK	10
PPUB-4624	Proteomics_pub	4262111	4262146	-	6	AIGINFIDTYIR	12
PPUB-4625	Proteomics_pub	4269384	4269428	-	4	LGQSATTLGGGEAQR	15
PPUB-4626	Proteomics_pub	4269384	4269419	-	4	SAETLSGGGEAQR	12
PPUB-4627	Proteomics_pub	4269471	4269503	-	4	EFFDAVPALAR	11
PPUB-4628	Proteomics_pub	4269645	4269677	-	4	CEACQGDGVIK	11
PPUB-4629	Proteomics_pub	4269729	4269758	-	4	ELFAGVPESR	10
PPUB-4630	Proteomics_pub	4269759	4269800	-	4	SNPATYTG VFTPVR	14
PPUB-4631	Proteomics_pub	4269810	4269842	-	4	VIDIDQSPIGR	11
PPUB-4632	Proteomics_pub	4270290	4270328	-	4	DNERLLGTLIHLR	13
PPUB-4633	Proteomics_pub	4270290	4270316	-	4	LLGTLIHLR	9
PPUB-4634	Proteomics_pub	4270413	4270457	-	4	LGQSATTLGGGEAQR	15
PPUB-4635	Proteomics_pub	4270413	4270448	-	4	SAETLSGGGEAQR	12
PPUB-4636	Proteomics_pub	4270656	4270697	-	4	FISNRPCASCEGTR	14
PPUB-4637	Proteomics_pub	4270971	4271015	-	4	VIQNPESLAGGAIK	15
PPUB-4638	Proteomics_pub	4271568	4271609	-	4	STVGTITEIHLYR	14
PPUB-4639	Proteomics_pub	4271742	4271783	-	4	SSLAFDTLYAEGQR	14
PPUB-4640	Proteomics_pub	4283730	4283771	-	4	IAEAAVVGIPHNK	14
PPUB-4641	Proteomics_pub	4283772	4283816	-	4	LGTAEIESALVAHPK	15
PPUB-4642	Proteomics_pub	4308392	4308424	-	6	EGTAIVYISHK	11
PPUB-4643	Proteomics_pub	4315370	4315411	-	6	LVLADEPTGNLDAR	14
PPUB-4644	Proteomics_pub	4316656	4316697	-	5	GAIVGIIGPNGAGK	14
PPUB-4645	Proteomics_pub	4322709	4322753	-	4	AHHYPSELGGGQQQR	15
PPUB-4646	Proteomics_pub	4323060	4323101	-	4	GAIVGIIGPNGAGK	14
PPUB-4647	Proteomics_pub	4324476	4324508	-	4	LVEGDHNIDCK	11
PPUB-4648	Proteomics_pub	4324572	4324622	-	4	DANGNLLADGDSVTIHK	17
PPUB-4649	Proteomics_pub	4324734	4324754	-	4	SLPHCPK	7
PPUB-4650	Proteomics_pub	4344021	4344071	-	4	TPEGYASGSLGPTTAGR	17
PPUB-4651	Proteomics_pub	4344072	4344104	-	4	DHPIYYAGPAK	11
PPUB-4652	Proteomics_pub	4344204	4344245	-	4	EILAQLSQYPVSTR	14
PPUB-4653	Proteomics_pub	4344384	4344434	-	4	HGASCPVGMGVSCSADR	17
PPUB-4654	Proteomics_pub	4344546	4344596	-	4	YYDELPTEGNEHGQAFR	17
PPUB-4655	Proteomics_pub	4344882	4344914	-	4	YSQNAPLDMYK	11
PPUB-4656	Proteomics_pub	4344951	4344989	-	4	VWTGGGDEAALAR	13
PPUB-4657	Proteomics_pub	4351226	4351261	-	6	DVILFPAMRPVK	12
PPUB-4658	Proteomics_pub	4351226	4351261	-	6	DVILFPAMRPQK	12
PPUB-4659	Proteomics_pub	4351262	4351297	-	6	MVMLFTNSHTIR	12
PPUB-4660	Proteomics_pub	4351262	4351297	-	6	MIMLFTNSHTIR	12
PPUB-4661	Proteomics_pub	4351298	4351342	-	6	YGTTPHAGLAFGLDR	15
PPUB-4662	Proteomics_pub	4351424	4351477	-	6	EIGNGFSELNDAEDQAQR	18
PPUB-4663	Proteomics_pub	4351424	4351477	-	6	EIGNGFSELNDAEDQAER	18

PPUB-4664	Proteomics_pub	4351502	4351534	-	6	RNDVNPEITDR	11
PPUB-4665	Proteomics_pub	4351535	4351630	-	6	IVTEIFEVVAEHLIQPTFITEYPAEVSPLAR	32
PPUB-4666	Proteomics_pub	4351649	4351684	-	6	AIAESIGIHVEK	12
PPUB-4667	Proteomics_pub	4351649	4351684	-	6	ALAESIGITVEK	12
PPUB-4668	Proteomics_pub	4351685	4351735	-	6	YRPETDMADLDFNSAK	17
PPUB-4669	Proteomics_pub	4351685	4351735	-	6	YRPETDMADLDFNDAAK	17
PPUB-4670	Proteomics_pub	4351763	4351816	-	6	TEVTYGDVTLDFGKPFKEK	18
PPUB-4671	Proteomics_pub	4351763	4351810	-	6	VTYGEHVDFGKPFKEK	16
PPUB-4672	Proteomics_pub	4351811	4351843	-	6	TLAQEVLGTTK	11
PPUB-4673	Proteomics_pub	4351844	4351876	-	6	DLIELTESLFR	11
PPUB-4674	Proteomics_pub	4351979	4352005	-	6	RLVVGGFER	9
PPUB-4675	Proteomics_pub	4352198	4352230	-	6	YLDLISNDESR	11
PPUB-4676	Proteomics_pub	4352204	4352230	-	6	YLDLIANDK	9
PPUB-4677	Proteomics_pub	4352243	4352296	-	6	ALRPLPKFHGLQDQEAR	18
PPUB-4678	Proteomics_pub	4352243	4352272	-	6	FHGLQDQEAR	10
PPUB-4679	Proteomics_pub	4352243	4352296	-	6	ALRPLPKFHGLQDQEVV	18
PPUB-4680	Proteomics_pub	4352273	4352296	-	6	ALRPLPK	8
PPUB-4681	Proteomics_pub	4352309	4352344	-	6	TGELSIHCTELR	12
PPUB-4682	Proteomics_pub	4352309	4352350	-	6	TKTGELSIHCTELR	14
PPUB-4683	Proteomics_pub	4352309	4352350	-	6	TQTGELSIHCTELR	14
PPUB-4684	Proteomics_pub	4352366	4352398	-	6	KWDLGDILGAK	11
PPUB-4685	Proteomics_pub	4352366	4352395	-	6	WDLGDILGAK	10
PPUB-4686	Proteomics_pub	4352366	4352395	-	6	WDLGDIIGAR	10
PPUB-4687	Proteomics_pub	4352396	4352437	-	6	DDLPEGVYNEQFKK	14
PPUB-4688	Proteomics_pub	4352399	4352437	-	6	DDLPEGVYNEQFK	13
PPUB-4689	Proteomics_pub	4352399	4352437	-	6	DSLPEGVYNDQFK	13
PPUB-4690	Proteomics_pub	4352459	4352494	-	6	ASFVTLQDVGGR	12
PPUB-4691	Proteomics_pub	4352615	4352650	-	6	EQGIAFPNDFRR	12
PPUB-4692	Proteomics_pub	4352618	4352650	-	6	EQGIAFPNDFR	11
PPUB-4693	Proteomics_pub	4352681	4352719	-	6	GANEAIDFNDEL	13
PPUB-4694	Proteomics_pub	4364917	4364940	-	5	RYTDESEQ	8
PPUB-4695	Proteomics_pub	4365325	4365369	-	5	VNPVPEVVNQVCFK	15
PPUB-4696	Proteomics_pub	4365736	4365783	-	5	TQLQDAVPMTLGQEFR	16
PPUB-4697	Proteomics_pub	4365823	4365864	-	5	LVDAINQLREGFER	14
PPUB-4698	Proteomics_pub	4365838	4365864	-	5	LVDAINQLR	9
PPUB-4699	Proteomics_pub	4365931	4365972	-	5	GEYQYLNPNHVNK	14
PPUB-4700	Proteomics_pub	4366204	4366230	-	5	ISDIPEFVR	9
PPUB-4701	Proteomics_pub	4366231	4366263	-	5	AIENFYISNNK	11
PPUB-4702	Proteomics_pub	4366264	4366305	-	5	EVPADAYYGVHTLR	14
PPUB-4703	Proteomics_pub	4366306	4366332	-	5	IEEDLLGTR	9
PPUB-4704	Proteomics_pub	4376146	4376181	-	5	TLQQGIQLAQR	12
PPUB-4705	Proteomics_pub	4376248	4376298	-	5	AVHVSPGALDAEAYGVK	17
PPUB-4706	Proteomics_pub	4379127	4379168	-	4	LGGNSLLDLVVFR	14
PPUB-4707	Proteomics_pub	4379127	4379168	-	4	LGSNSLAELVVFR	14
PPUB-4708	Proteomics_pub	4380246	4380284	-	4	AAIAAAQANPNAK	13
PPUB-4709	Proteomics_pub	4387961	4387996	-	6	NGTFVTTYLSR	12

PPUB-4710	Proteomics_pub	4388060	4388089	-	6	IEEDKILQAK	10
PPUB-4711	Proteomics_pub	4388168	4388200	-	6	TFNEFFVRPLR	11
PPUB-4712	Proteomics_pub	4388339	4388365	-	6	LSLQYILPK	9
PPUB-4713	Proteomics_pub	4388720	4388770	-	6	LYHFPHGGDVIDSPGVR	17
PPUB-4714	Proteomics_pub	4388837	4388872	-	6	SSLLNALLGLQK	12
PPUB-4715	Proteomics_pub	4431640	4431678	-	5	MLADSGIVYTLR	13
PPUB-4716	Proteomics_pub	4431901	4431936	-	5	AQALAAQGITVR	12
PPUB-4717	Proteomics_pub	4431985	4432047	-	5	MIAITGATGQLGHYVIESLMK	21
PPUB-4718	Proteomics_pub	4432807	4432845	-	5	AGEIHPAADNNWR	13
PPUB-4719	Proteomics_pub	4432846	4432884	-	5	SVLAAWIADESKR	13
PPUB-4720	Proteomics_pub	4433359	4433391	-	5	LPVLSAAAPFK	11
PPUB-4721	Proteomics_pub	4433758	4433793	-	5	DFADIEGADIAK	12
PPUB-4722	Proteomics_pub	4434283	4434309	-	5	AGDIHPVYK	9
PPUB-4723	Proteomics_pub	4447187	4447219	-	6	VEGWENAEAAK	11
PPUB-4724	Proteomics_pub	4447247	4447279	-	6	AQIAHFFEHYK	11
PPUB-4725	Proteomics_pub	4447280	4447309	-	6	DVNDLPELLK	10
PPUB-4726	Proteomics_pub	4447280	4447327	-	6	EYDHIKDVNDLPELLK	16
PPUB-4727	Proteomics_pub	4447337	4447390	-	6	MTDEAGEDAKLIAVPHTK	18
PPUB-4728	Proteomics_pub	4447337	4447390	-	6	MTDEAGEDAKLVAVPHSK	18
PPUB-4729	Proteomics_pub	4447361	4447390	-	6	MTDEAGEDAK	10
PPUB-4730	Proteomics_pub	4447391	4447414	-	6	CRPVGVLK	8
PPUB-4731	Proteomics_pub	4447544	4447570	-	6	ESGALFVDR	9
PPUB-4732	Proteomics_pub	4447544	4447585	-	6	YEIDKESGALFVDR	14
PPUB-4733	Proteomics_pub	4447571	4447645	-	6	DLPEDIYVVIEIPANADPIKYEIDK	25
PPUB-4734	Proteomics_pub	4447586	4447645	-	6	DLPEDIYVVIEIPANADPIK	20
PPUB-4735	Proteomics_pub	4447646	4447672	-	6	SLLNVPAGK	9
PPUB-4736	Proteomics_pub	4452709	4452744	-	5	ILDIIPETLHQR	12
PPUB-4737	Proteomics_pub	4452826	4452873	-	5	GGIYLPSTASHPDGK	16
PPUB-4738	Proteomics_pub	4452886	4452918	-	5	YIGSLVADFHR	11
PPUB-4739	Proteomics_pub	4452946	4452966	-	5	FCQEEDK	7
PPUB-4740	Proteomics_pub	4452997	4453029	-	5	TYSINEGNYIK	11
PPUB-4741	Proteomics_pub	4453177	4453233	-	5	VTPVGTVPTEEDFLQPGNK	19
PPUB-4742	Proteomics_pub	4455442	4455516	-	5	LIDQGGDAIAEVLNLPDADRQQLR	25
PPUB-4743	Proteomics_pub	4455538	4455567	-	5	HNQQVVLFFHK	10
PPUB-4744	Proteomics_pub	4455697	4455735	-	5	NALDKIPLDADLR	13
PPUB-4745	Proteomics_pub	4455736	4455765	-	5	LGAEIVDLGK	10
PPUB-4746	Proteomics_pub	4455736	4455768	-	5	RLGAEIVDLGK	11
PPUB-4747	Proteomics_pub	4455802	4455885	-	5	TKQPEDWLDDVPGDDIEDEDDEIIVVSK	28
PPUB-4748	Proteomics_pub	4461509	4461544	-	6	DADELLAILASK	12
PPUB-4749	Proteomics_pub	4461509	4461556	-	6	NDGRDADELLAILASK	16
PPUB-4750	Proteomics_pub	4461698	4461736	-	6	FGDEGEYRVPAAK	13
PPUB-4751	Proteomics_pub	4461830	4461865	-	6	WTLAKPDFVALK	12
PPUB-4752	Proteomics_pub	4462634	4462675	-	6	SFQDTTGSSTGDLR	14
PPUB-4753	Proteomics_pub	4464066	4464101	-	4	FVLNQPANARPK	12
PPUB-4754	Proteomics_pub	4464144	4464191	-	4	INQTDIDRLIELVGGGR	16
PPUB-4755	Proteomics_pub	4468553	4468582	-	6	IEIEIAIVRR	10

PPUB-4756	Proteomics_pub	4468784	4468822	-	6	TGEVPADVAAQAR	13
PPUB-4757	Proteomics_pub	4469189	4469215	-	6	IDNYEVVVGK	9
PPUB-4758	Proteomics_pub	4469306	4469347	-	6	ITIGLNLPSEGEMGR	14
PPUB-4759	Proteomics_pub	4469387	4469428	-	6	GTVIDHIPAQIGFK	14
PPUB-4760	Proteomics_pub	4469498	4469527	-	6	QALLALVLNR	10
PPUB-4761	Proteomics_pub	4469528	4469578	-	6	TPHAWYFQQAGNGIFAR	17
PPUB-4762	Proteomics_pub	4469579	4469608	-	6	VDEIATDVVDK	10
PPUB-4763	Proteomics_pub	4469684	4469719	-	6	ERLDPSEYANVK	12
PPUB-4764	Proteomics_pub	4469684	4469713	-	6	LDPSEYANVK	10
PPUB-4765	Proteomics_pub	4469882	4469914	-	6	TVHSLTQALAK	11
PPUB-4766	Proteomics_pub	4469924	4469962	-	6	LDNLHVAMVGDLEK	13
PPUB-4767	Proteomics_pub	4470077	4470100	-	6	HPQEGAAR	8
PPUB-4768	Proteomics_pub	4470101	4470166	-	6	KGETLADTISVISTYVDAIVMR	22
PPUB-4769	Proteomics_pub	4470167	4470220	-	6	LGASVVGFSANTSLEK	18
PPUB-4770	Proteomics_pub	4470254	4470289	-	6	VIASCFEASTR	12
PPUB-4771	Proteomics_pub	4470296	4470322	-	6	ANPQPELLK	9
PPUB-4772	Proteomics_pub	4470329	4470364	-	6	DDLNLVLATAAK	12
PPUB-4773	Proteomics_pub	4470365	4470394	-	6	HIISINDLSR	10
PPUB-4774	Proteomics_pub	4479008	4479040	-	6	LIEQQAVIAAL	11
PPUB-4775	Proteomics_pub	4479047	4479076	-	6	EKLEGYAEAK	10
PPUB-4776	Proteomics_pub	4479107	4479133	-	6	LANEGFVAR	9
PPUB-4777	Proteomics_pub	4479257	4479313	-	6	LESITVLPADDKGPVSVTK	19
PPUB-4778	Proteomics_pub	4479278	4479313	-	6	LESITVLPADDK	12
PPUB-4779	Proteomics_pub	4479356	4479379	-	6	GCSADAER	8
PPUB-4780	Proteomics_pub	4479380	4479427	-	6	AEMNIAPGKPLELLLR	16
PPUB-4781	Proteomics_pub	4479617	4479652	-	6	HTLVTVLEGLLR	12
PPUB-4782	Proteomics_pub	4479983	4480015	-	6	FTLAALASTGR	11
PPUB-4783	Proteomics_pub	4480076	4480117	-	6	TGNMMQPQLADKIR	14
PPUB-4784	Proteomics_pub	4480082	4480117	-	6	TGNMMQPQLADK	12
PPUB-4785	Proteomics_pub	4480121	4480183	-	6	GNVIDPLDMVDGISLPELLEK	21
PPUB-4786	Proteomics_pub	4480460	4480492	-	6	ENNLGADVLLR	11
PPUB-4787	Proteomics_pub	4480460	4480495	-	6	KENNLGADVLLR	12
PPUB-4788	Proteomics_pub	4480514	4480558	-	6	IPAWYDEAGNVYVGR	15
PPUB-4789	Proteomics_pub	4480559	4480579	-	6	QLWWGHR	7
PPUB-4790	Proteomics_pub	4480580	4480606	-	6	DIQDWCISR	9
PPUB-4791	Proteomics_pub	4480607	4480639	-	6	QYENMYFSWMR	11
PPUB-4792	Proteomics_pub	4480640	4480705	-	6	ADVLAKEAVEAVENGDIQFVPK	22
PPUB-4793	Proteomics_pub	4480754	4480834	-	6	AVVAAVDALGLLEEIKPHDLTVPYGDR	27
PPUB-4794	Proteomics_pub	4480859	4480909	-	6	GNESDVYSSEIPAEFQK	17
PPUB-4795	Proteomics_pub	4480910	4480936	-	6	ESAQVFDTK	9
PPUB-4796	Proteomics_pub	4480937	4480984	-	6	HALPMINILTFDGDILR	16
PPUB-4797	Proteomics_pub	4480937	4480987	-	6	RHALPMINILTFDGDILR	17
PPUB-4798	Proteomics_pub	4480985	4481029	-	6	ITPAHDFNDYEVGKR	15
PPUB-4799	Proteomics_pub	4480988	4481029	-	6	ITPAHDFNDYEVGK	14
PPUB-4800	Proteomics_pub	4481048	4481086	-	6	IPIVGDHADMEK	13
PPUB-4801	Proteomics_pub	4481048	4481089	-	6	RIPVGDHADMEK	14

PPUB-4802	Proteomics_pub	4481090	4481116	-	6	YVILPLVNR	9
PPUB-4803	Proteomics_pub	4481234	4481257	-	6	YPLADGAK	8
PPUB-4804	Proteomics_pub	4481288	4481320	-	6	TAISDLEVENR	11
PPUB-4805	Proteomics_pub	4481357	4481383	-	6	LYKEDLIYR	9
PPUB-4806	Proteomics_pub	4481399	4481434	-	6	FTMDEGLSNAVK	12
PPUB-4807	Proteomics_pub	4481441	4481467	-	6	LGNSVDWER	9
PPUB-4808	Proteomics_pub	4481480	4481506	-	6	AESGGTITR	9
PPUB-4809	Proteomics_pub	4481585	4481647	-	6	NTLWQVGTDHAGIATQMVVER	21
PPUB-4810	Proteomics_pub	4481801	4481851	-	6	TYNPQDIEQPLYEHWEK	17
PPUB-4811	Proteomics_pub	4482487	4482537	-	5	GATGRPVALLAQFLLNR	17
PPUB-4812	Proteomics_pub	4482553	4482594	-	5	YNWAHLDIAGTAWR	14
PPUB-4813	Proteomics_pub	4482871	4482906	-	5	LVLCDVLTIVER	12
PPUB-4814	Proteomics_pub	4482907	4482984	-	5	AYRPGDVLTTMSGQTVEVLNTDAEGR	26
PPUB-4815	Proteomics_pub	4483129	4483164	-	5	GITFDSGGYSIK	12
PPUB-4816	Proteomics_pub	4483420	4483458	-	5	AIQHGLAIAAGIK	13
PPUB-4817	Proteomics_pub	4483543	4483572	-	5	ETLYSFDQLK	10
PPUB-4818	Proteomics_pub	4483735	4483758	-	5	ILLIGCGK	8
PPUB-4819	Proteomics_pub	4483831	4483863	-	5	ISDGYISALLR	11
PPUB-4820	Proteomics_pub	4483864	4483893	-	5	LSPIAEQLDK	10
PPUB-4821	Proteomics_pub	4483897	4483932	-	5	SACIVVGVFEPR	12
PPUB-4822	Proteomics_pub	4485634	4485708	-	5	NNRVVILSAGTGNPFFTTDSAACL	25
PPUB-4823	Proteomics_pub	4491081	4491137	-	4	IRAIEFGEVDILVNNAGITR	19
PPUB-4824	Proteomics_pub	4511432	4511464	-	6	IFHHQPLTVVK	11
PPUB-4825	Proteomics_pub	4511552	4511599	-	6	RWQQDPLWQMLTAAQK	16
PPUB-4826	Proteomics_pub	4512071	4512106	-	6	AHLKPWQSVGTR	12
PPUB-4827	Proteomics_pub	4512454	4512483	-	5	NIFDQDYFIR	10
PPUB-4828	Proteomics_pub	4512703	4512747	-	5	EKGDTYGNLVPFSPK	15
PPUB-4829	Proteomics_pub	4512829	4512855	-	5	HTGLETQAR	9
PPUB-4830	Proteomics_pub	4512988	4513026	-	5	AVQSGNVEPEKAR	13
PPUB-4831	Proteomics_pub	4512994	4513026	-	5	AVQSGNVEPEK	11
PPUB-4832	Proteomics_pub	4513279	4513344	-	5	YYTATSSGQLPSGSSPYDRDTR	22
PPUB-4833	Proteomics_pub	4513507	4513542	-	5	FNIQGFYTQTLR	12
PPUB-4834	Proteomics_pub	4513951	4513995	-	5	YGPQSVGGVVNFVTR	15
PPUB-4835	Proteomics_pub	4514323	4514367	-	5	EDALTVVGDWLG DAR	15
PPUB-4836	Proteomics_pub	4517505	4517534	-	4	ILGISLAQLR	10
PPUB-4837	Proteomics_pub	4517655	4517702	-	4	AFFVVG NALDENPLIR	16
PPUB-4838	Proteomics_pub	4556458	4556514	-	5	GEILPGNDADLLVMTPELR	19
PPUB-4839	Proteomics_pub	4556515	4556592	-	5	DYDFSISDALRPLTSSVAGFLNLTGK	26
PPUB-4840	Proteomics_pub	4556713	4556742	-	5	AVQAGIPLAR	10
PPUB-4841	Proteomics_pub	4556743	4556811	-	5	KGGTIDITSSIDEPVAPAEGIAR	23
PPUB-4842	Proteomics_pub	4556812	4556850	-	5	NVPLFEQALEFAR	13
PPUB-4843	Proteomics_pub	4556875	4556928	-	5	ALQPIYDLLENCDVPISK	18
PPUB-4844	Proteomics_pub	4556992	4557042	-	5	SAAPDVYHLANMAAESR	17
PPUB-4845	Proteomics_pub	4557217	4557276	-	5	LTEAGVTSVVGLLGTDSISR	20
PPUB-4846	Proteomics_pub	4579485	4579520	-	4	QLLEEFAGGVKE	12
PPUB-4847	Proteomics_pub	4579521	4579556	-	4	ELGASDEADLQR	12

PPUB-4848	Proteomics_pub	4579665	4579694	-	4	SDSLDISWLK	10
PPUB-4849	Proteomics_pub	4579965	4579994	-	4	GTVANPNQDK	10
PPUB-4850	Proteomics_pub	4579995	4580018	-	4	TNVLFFTK	8
PPUB-4851	Proteomics_pub	4580112	4580156	-	4	AAVVVPDNLVFEQK	15
PPUB-4852	Proteomics_pub	4580235	4580294	-	4	AHIVATNPPFGSAAGTNITR	20
PPUB-4853	Proteomics_pub	4580295	4580336	-	4	LGNTLGS DGENLPK	14
PPUB-4854	Proteomics_pub	4580442	4580501	-	4	SQTNDLDDLGDGTQDFQIHR	20
PPUB-4855	Proteomics_pub	4580856	4580885	-	4	IGQEQLQFYR	10
PPUB-4856	Proteomics_pub	4583816	4583839	-	6	NNIDV PAR	8
PPUB-4857	Proteomics_pub	4584188	4584220	-	6	QQETE AQTQAR	11
PPUB-4858	Proteomics_pub	4584263	4584301	-	6	AQTQAEVEAQQQK	13
PPUB-4859	Proteomics_pub	4586631	4586681	-	4	SNELEDALLDLDNLDK	17
PPUB-4860	Proteomics_pub	4586793	4586822	-	4	HILNEQHGYK	10
PPUB-4861	Proteomics_pub	4587170	4587208	-	6	ETPYVPIPEGGVK	13
PPUB-4862	Proteomics_pub	4587170	4587217	-	6	TDKETPYVPIPEGGVK	16
PPUB-4863	Proteomics_pub	4587917	4587946	-	6	DIGEPSVLNR	10
PPUB-4864	Proteomics_pub	4588214	4588240	-	6	LLANETDAR	9
PPUB-4865	Proteomics_pub	4596208	4596231	-	5	NNLFFVIR	8
PPUB-4866	Proteomics_pub	4596886	4596942	-	5	TYFDNEAFPDLTPELGALK	19
PPUB-4867	Proteomics_pub	4597775	4597828	-	6	DGQQNLNDNIGTTPLAEK	18
PPUB-4868	Proteomics_pub	4597835	4597876	-	6	EDTNYLDGIQGLLK	14
PPUB-4869	Proteomics_pub	4604824	4604850	-	5	HLNSGGELR	9
PPUB-4870	Proteomics_pub	4605013	4605057	-	5	LTLCDVSAPAVEASR	15
PPUB-4871	Proteomics_pub	4605133	4605189	-	5	DGLDVGSQ LLLSTLTPHTK	19
PPUB-4872	Proteomics_pub	4605190	4605213	-	5	TLPGVFSR	8
PPUB-4873	Proteomics_pub	4605214	4605252	-	5	FWGEYSVDGLTVK	13
PPUB-4874	Proteomics_pub	4605616	4605657	-	5	ILFAGDLQDDL PAR	14
PPUB-4875	Proteomics_pub	4605658	4605684	-	5	HSDDFEQSR	9
PPUB-4876	Proteomics_pub	4605685	4605720	-	5	SAFTPASEVLLR	12
PPUB-4877	Proteomics_pub	4619870	4619926	-	6	VFAYATHPIFSGNAANNLR	19
PPUB-4878	Proteomics_pub	4621250	4621306	-	6	AQVFTDSLNPAPLEALAGR	19
PPUB-4879	Proteomics_pub	4626908	4626937	-	6	TLGADALEPK	10
PPUB-4880	Proteomics_pub	4627043	4627102	-	6	ALENALLEFPGCAMVISHDR	20
PPUB-4881	Proteomics_pub	4627196	4627225	-	6	RVGELSGGER	10
PPUB-4882	Proteomics_pub	4627271	4627297	-	6	IGNTEMP SR	9
PPUB-4883	Proteomics_pub	4627298	4627339	-	6	TVWEEVSGGLDIMK	14
PPUB-4884	Proteomics_pub	4627385	4627444	-	6	MISGQEQPDSGTITLGETVK	20
PPUB-4885	Proteomics_pub	4627460	4627501	-	6	GAIVGIIPNGAGK	14
PPUB-4886	Proteomics_pub	4627502	4627537	-	6	LLIDDL SFSIPK	12
PPUB-4887	Proteomics_pub	4627592	4627633	-	6	RNETNELFIPPGPR	14
PPUB-4888	Proteomics_pub	4627634	4627666	-	6	FEELNSTEYQK	11
PPUB-4889	Proteomics_pub	4627751	4627783	-	6	LAQEASQEAAR	11
PPUB-4890	Proteomics_pub	4627889	4627936	-	6	FLHDFEGTVVAITHDR	16
PPUB-4891	Proteomics_pub	4628042	4628068	-	6	IANLSGGER	9
PPUB-4892	Proteomics_pub	4628108	4628164	-	6	LEEIIQAHDGHNLNVQLER	19
PPUB-4893	Proteomics_pub	4628240	4628284	-	6	ESIEEAVSEVVNALK	15

PPUB-4894	Proteomics_pub	4628285	4628335	-	6	IGYLPQEPQLNPEHTVR	17
PPUB-4895	Proteomics_pub	4628411	4628443	-	6	IGVLGLNGAGK	11
PPUB-4896	Proteomics_pub	4628444	4628476	-	6	NISLSFFPGAK	11
PPUB-4897	Proteomics_pub	4633064	4633090	-	6	FDSQQTFTTR	9
PPUB-4898	Proteomics_pub	4633091	4633132	-	6	LTARPILDIALQYR	14
PPUB-4899	Proteomics_pub	4637637	4637699	-	4	HFESTPDTPEIIATIHGEGYR	21
PPUB-4900	Proteomics_pub	4637796	4637828	-	4	AMLHFCENPGK	11
PPUB-4901	Proteomics_pub	4637841	4637882	-	4	SLIGPDGEQYKLPR	14
PPUB-4902	Proteomics_pub	4637850	4637882	-	4	SLIGPDGEQYK	11
PPUB-4903	Proteomics_pub	4637883	4637915	-	4	FNGWELDINSR	11
PPUB-4904	Proteomics_pub	4637934	4637969	-	4	TMNLGTVSEERR	12
PPUB-4905	Proteomics_pub	4637937	4637969	-	4	TMNLGTVSEER	11
PPUB-4906	Proteomics_pub	4638006	4638062	-	4	ILGLEIGADDYITKPFNPR	19
PPUB-4907	Proteomics_pub	4638081	4638119	-	4	EQANVALMFLTGR	13