

A549 Cell Line, Treated with DMSO vs. 20uM TRC-794 for 12hrs  
 Mascot Search Results, as reported through Rosetta Elucidator

(M+H)	Ions Found	Protein Code	Peptide Sequence	Modified Peptide Sequence	Charge	F-Score	Expectation Value	Mass Diff	# Missed Cleavages	Ion Score	Identity Threshold	Protein Score	# Queries Matched	Length in Residues	Mass Error (ppm)
2298.1	15	A0FGR8	K.EPTTPIASDLSPIAT	EPTTPI[166.9984]ASDLS[166.9984]	3	0.211	0.028	-0.002	0	23.47	21	35	5	921	-0.94
3213.3	21	A0FGR8	K.SHMSSGSPGGSS	SHMSS[166.9984]GSS[166.9984]	3	0.394	0.023	-0.01	1	24.29	20	30	4	921	-3.04
2298.1	17	A0FGR8	K.EPTTPIASDLSPIAT	EPTTPIASDLS[166.9984]PIATQ[166.9984]	2	0.03	0.043	-0.002	0	21.65	21	30	4	921	-0.94
1039.5	12	A1L390	R.EPTTPIASDLSPIAT	EPTTPIASDLS[166.9984]PIATQ[166.9984]	2	-0.818	0.035	-0.005	0	21.08	19	42	5	272	-2.18
1302.6	7	A1L390	R.ASSPSLIEN	ASS[166.9984]SLIEN	2	-0.589	0.02	-0.002	0	25.5	21	26	2	272	-1.96
2249	9	A1L390	R.SSSVLSLEGSEK	SSSVLS[166.9984]LEGSEK	2	0.14	0.003	-0.003	0	32.76	21	62	7	1219	-2.11
1054.5	11	A1L390	R.DGKSPVTRCLQEEA	DGKSPVTR[166.9984]CLQEEA	3	1.182	0.003	-0.004	1	33.22	21	62	7	1219	-1.93
1815.8	11	A1L390	R.SHSVPENVMVEPLLS	SHSVPENVMVEPLLS[166.9984]	2	-0.275	0.01	-0.002	0	27.61	20	62	7	1219	-1.92
2249	11	A1L390	R.DGKSPVTRCLQEEA	DGKSPVTR[166.9984]CLQEEA	3	0.14	0.035	-0.005	0	22.73	21	63	5	1219	-2.92
1382.5	5	A1L390	R.SSSVLSLEGSEK	SSSVLS[166.9984]LEGSEK	2	0.719	0.01	-0.004	1	28.54	21	42	6	1219	-1.93
1650.8	7	A2A2Y4	K.EENISAPLISSEPK	EENISAPLISSE[166.9984]PK	2	-0.994	0.049	-0.002	0	19.39	19	42	6	597	-1.78
1546.5	7	A2A2Y4	R.EYEDPSEEEK	EYEDP[166.9984]SEEEK	2	0.285	0.011	-0.004	0	39.82	21	41	2	597	-1.8
2254.8	12	A2RNP1	R.AGEEDEGEEDSDSC	AGEEDEGEEDS[166.9984]SDSY	2	-0.015	0.005	-0.005	0	25.48	18	68	7	2371	-2.54
2334.8	17	A2RNP1	R.AGEEDEGEEDSDSC	AGEEDEGEEDS[166.9984]SDSY	2	0.805	8.30E-04	-0.005	0	27.16	17	68	7	2371	-2.11
2254.8	12	A2RNP1	R.AGEEDEGEEDSDSC	AGEEDEGEEDS[166.9984]SDSY	2	0.398	0.002	-0.005	0	33.36	15	68	7	2371	-2.13
2334.8	16	A2RNP1	R.AGEEDEGEEDSDSC	AGEEDEGEEDS[166.9984]SDSY	2	1.363	2.30E-04	-0.005	0	31.2	17	68	7	2371	-2.11
2441	13	AGWF1	R.TLEEVMAAEEDEG	TLEEVMAAEEDEGDRP[166.9984]	3	0.614	0.012	-0.003	1	38.94	15	68	7	2371	-2.13
1692.8	16	C9I198	R.LQATLEAEPGAAG	LQATLEAEPGAAGAGAS[166.9984]	2	0.116	0.004	-0.002	0	26.5	20	26	1	404	-1.33
1324.6	8	O00161	K.VWVSPVTEEGK	VWV[166.9984]PVTEEGK	2	1.047	5.20E-04	-0.002	0	39.78	19	32	1	176	-1.3
1887.8	9	O00161	K.TWVGGDGENSPCN	TWVGGDGENSPCN[166.9984]	2	0.848	7.00E-04	-0.009	0	40.7	22	45	4	329	-1.55
2671.1	14	O00193	K.RASAPDDDLGSSNW	RSAPDDDLGSS[166.9984]NWI	3	2.572	4.70E-05	-0.004	1	51.36	21	51	1	183	-1.66
2671.1	12	O00193	K.RASAPDDDLGSSNW	RSAPDDDLGSS[166.9984]NWI	3	1.982	6.90E-06	-0.004	1	59.72	21	95	4	183	-1.66
2671.1	9	O00193	K.RASAPDDDLGSSNW	RSAPDDDLGSS[166.9984]NWI	3	1.465	1.60E-04	-0.004	1	45.94	21	88	4	183	-1.66
2671.1	12	O00193	K.RASAPDDDLGSSNW	RSAPDDDLGSS[166.9984]NWI	3	2.831	2.60E-05	-0.004	1	53.94	21	88	4	183	-1.66
2515	18	O00193	K.RASAPDDDLGSSNW	RSAPDDDLGSS[166.9984]NWI	3	0.845	0.007	-0.005	0	28.8	20	71	4	183	-2.04
1340.5	10	O00203	K.NFYVSDDDQK	NFYVSD[166.9984]DDQK	2	-0.461	0.015	-0.002	0	20.7	15	21	3	1094	-1.88
2484.1	22	O00264	K.IVNRDQPAASGDSI	IVNRDQPAASGDS[166.9984]DI	3	2.572	9.00E-05	-0.005	1	48.61	21	135	6	195	-2.23
2375.9	11	O00264	K.EEPEPTVYDDEEP	EEPEPTVYDDEEP[166.9984]DEEPEK	2	0.87	7.00E-04	-0.005	1	38.06	19	135	6	195	-2.03
1817.7	16	O00264	K.EEPEPTVYDDEEP	EEPEPTVYDDEEP[166.9984]DEEPEK	2	0.43	0.002	-0.004	0	33.66	19	135	6	195	-2.44
2115.9	11	O00264	R.GDOPAAASGDSDD	GDOPAAASGDS[166.9984]DDEI	3	0.606	0.012	-0.004	0	26.46	20	135	6	195	-2.06
2115.9	12	O00264	R.GDOPAAASGDSDD	GDOPAAASGDS[166.9984]DDEI	3	0.173	0.033	-0.004	0	22.06	20	100	7	195	-2.06
3038.5	6	O00291	R.AALLSEHSPVIVP	AALLSEHSPVIVPAAEASPD[166.9984]	3	0.3	0.028	-0.007	0	22.33	19	107	2	1037	-2.38
1051.5	6	O00443	K.VSNLQVSK	VSNLQV[166.9984]SK	2	0.989	4.80E-04	-0.002	0	40.2	20	40	7	1686	-2.13
1658.7	19	O00499	K.SPPVDPGSAATPE	SPVDPGSAATPE[166.9984]PAATPE	2	1.467	8.00E-04	-0.003	0	46	21	59	3	593	-1.89
2116.9	19	O00505	R.NVNPQESLESDVC	NVNPQESLEDS[166.9984]DVDA	2	2.732	8.10E-07	-0.005	0	68.46	20	82	3	521	-2.56
2279	18	O00505	R.NVNPQESLESDVC	NVNPQESLEDS[166.9984]DVDA	2	0.086	0.039	-0.004	1	21.21	20	59	4	521	-1.99
2279	13	O00519	R.KLSGEDIQLPTTV	KLSDGDIQLPTTV[166.9984]DPTTV	2	1.978	4.90E-08	-0.004	1	80.86	20	122	3	213	-2.03
2678.1	19	O00562	R.SAASNTGTDPGEA	SAASNTGTDPGEPAPGDA[166.9984]	3	0.22	0.035	-0.005	0	21.55	19	19	2	1244	-1.91
2075.8	15	O00566	K.SPVFSDSDLDLDF	SPVFSDEDS[166.9984]LDF	2	-0.886	0.038	-0.003	0	19.45	18	19	2	681	-1.41
2075.8	18	O00566	K.SPVFSDSDLDLDF	SPVFSDEDS[166.9984]LDF	2	-0.929	0.043	-0.003	0	18.93	18	19	1	681	-1.41
1995.8	16	O00566	K.SPVFSDSDLDLDF	SPVFSDEDS[166.9984]LDF	2	0.885	7.30E-04	3.00E-04	0	39.21	20	39	2	681	0.15
2183.9	11	O00567	K.EELMSSDLEETAGS	EELMSS[166.9984]DLEETAGS	3	1.777	9.30E-05	-0.005	0	47.13	19	210	12	594	-2.3
2553.1	9	O00567	K.SFSKEELMSSDLEET	SFSKEELMSS[166.9984]DLEETA	3	1.41	3.10E-04	-0.005	1	43.08	21	210	12	594	-1.81
1856.8	17	O00567	K.FSKEEPPVSGPEEAVGK	FSKEEPPVSGPEEAVG[166.9984]	2	1.09	0.004	-0.004	1	32.3	21	210	12	594	-2.29
1574.6	17	O00567	K.EEPPVSGPEEAVGK	EEPPVSGPEEAVG[166.9984]	2	-0.432	0.013	-0.005	0	25.04	19	210	12	594	-3.03
1936.8	17	O00567	K.FSKEEPPVSGPEEAVGK	FSKEEPPVSGPEEAVG[166.9984]	2	-0.156	0.007	-0.005	1	29.8	21	210	12	594	-2.41
1494.6	8	O00567	K.EEPPVSGPEEAVGK	EEPPVSGPEEAVG[166.9984]	2	0.341	0.002	-0.002	0	33.77	20	210	12	594	-1.5
2103.9	18	O00567	K.EELMSSDLEETAGS	EELMSS[166.9984]DLEETAGS	3	0.634	0.011	-0.003	0	27.69	21	169	10	594	-1.57
2103.9	19	O00567	K.EELMSSDLEETAGS	EELMSS[166.9984]DLEETAGS	3	0.539	0.014	-0.003	0	26.72	21	169	10	594	-1.57
2553.1	7	O00567	K.SFSKEELMSSDLEET	SFSKEELMSS[166.9984]DLEETA	3	1.472	5.30E-04	-0.005	1	40.79	21	169	10	594	-1.81
2553.1	13	O00567	K.SFSKEELMSSDLEET	SFSKEELMSS[166.9984]DLEETA	3	2.085	1.10E-06	-0.005	1	67.73	21	273	12	594	-2.13
3055.3	10	O00567	R.LAALALASSENSSST	LAALALASSENSSS[166.9984]T	3	1.078	0.005	-0.008	1	31.13	20	253	14	594	-2.68
1856.8	16	O00567	K.FSKEEPPVSGPEEAVGK	FSKEEPPVSGPEEAVG[166.9984]	2	1.249	0.003	-0.004	1	33.84	21	253	14	594	-2.29
1494.6	15	O00567	K.EEPPVSGPEEAVGK	EEPPVSGPEEAVG[166.9984]	2	0.45	0.002	-0.002	0	34.86	20	229	12	594	-1.5
2228.8	13	O00629	R.NVPHEDICEDSDID	NVPHEDIC[160.0307]EDS[166.9984]	2	-0.983	0.049	-0.002	0	20.48	20	20	1	521	-1.88
1676.8	14	O14545	R.LDSQPQETSPELPR	LDSQPQETS[166.9984]PELPR	2	-0.531	0.016	-0.002	0	27.05	22	37	2	582	-1.13
1355.6	16	O14578	R.SESVSLGSDSPAK	SESVSLGSDS[166.9984]PAK	2	0.394	0.002	-0.004	0	35.16	21	25	2	2027	-3.1
1780.7	7	O14639	R.TLSPTPSAEGYQDV	TLS[166.9984]PTPSAEGYQDV	2	0.503	0.002	-0.004	0	34.39	19	101	5	778	-2.1
1700.8	8	O14639	R.TLSPTPSAEGYQDV	TLS[166.9984]PTPSAEGYQDV	2	1.85	6.90E-05	-0.004	0	49.86	21	101	5	778	-2.07
1562.7	8	O14639	R.RSQGSINSPIVYSR	RSQGSINSPIVYSR[166.9984]	2	2.262	2.70E-05	-0.004	0	53.98	21	101	5	778	-2.71
2635.1	19	O14639	R.RSQGSINSPIVYSR	RSQGSINSPIVYSR[166.9984]	2	0.55	0.013	-0.007	1	25.86	20	132	7	778	-2.45
1780.7	11	O14639	R.TLSPTPSAEGYQDV	TLS[166.9984]PTPSAEGYQDV	2	-0.172	0.008	-0.004	0	27.61	19	122	6	778	-2.1
2635.1	15	O14639	R.RSQGSINSPIVYSR	RSQGSINSPIVYSR[166.9984]	2	0.557	0.013	-0.007	1	25.9	20	111	6	778	-2.45
2635.1	24	O14639	R.RSQGSINSPIVYSR	RSQGSINSPIVYSR[166.9984]	2	0.528	0.014	-0.007	1	25.63	20	122	6	778	-2.45
1562.7	9	O14639	R.RSQGSINSPIVYSR	RSQGSINSPIVYSR[166.9984]	2	-0.456	0.014	-0.004	0	26.73	21	115	8	778	-2.71
1961.8	18	O14639	R.DCLCLCAQPMSS	DC[160.0307]C[160.0307]QLC[166.9984]	3	-0.137	0.007	-0.004	0	26.85	18	105	5	778	-2.3
1614.7	5	O14639	R.RSGREEDDEELLR	RS[166.9984]GREEDDEELLR	3	0.052	0.042	-0.004	1	20.88	20	132	7	778	-2.14
2635.1	18	O14639	R.RSQGSINSPIVYSR	RSQGSINSPIVYSR[166.9984]	2	1.635	0.001	-0.007	1	36.7	20	115	8	778	-2.45
1282.6	6														

2438.9	10	O15164	R.NESEDNKFSDSDI NESEDNKFSDS[166.9984]DDI 2	2.113	3.70E-05	-0.002	1	51.35	20	51	3	1050	-0.74
2159.9	20	O15173	R.LKPGPEEPTDEE LKPGPEEPTDEE[181.014]DEEDT 2	1.41	3.30E-04	-0.002	1	43.75	21	115	6	223	-0.81
2239.9	12	O15173	R.LKPGPEEPTDEE LKPGPEEPTDEE[166.9984]EY[181.014] 3	0.282	0.025	-0.004	1	23.22	20	115	6	223	-1.86
1805.7	6	O15173	R.PGPEEPTDEEPT DEEPT DEEPT[181.014]DEEDT 2	0.79	8.40E-04	-0.004	0	36.26	18	115	6	223	-2.31
2159.9	15	O15173	R.LKPGPEEPTDEE LKPGPEEPTDEE[166.9984]EYDEEDT 2	1.985	2.60E-05	-0.005	1	54.62	21	99	6	223	-2.29
1805.7	9	O15173	R.PGPEEPTDEEPT DEEPT DEEPT[166.9984]EYDEEDT 2	0.078	0.004	-0.004	0	29.13	18	99	6	223	-2.31
2239.9	19	O15173	R.LKPGPEEPTDEE LKPGPEEPTDEE[243.0297][T181.014] 3	0.76	0.008	-0.004	1	28.03	20	123	9	223	-1.86
1751.7	17	O15231	R.RESCGSSVLTDFEG RES[166.9984]C[160.0307]GSS 2	-0.918	0.042	-0.002	1	21.18	20	189	14	689	-1.14
1354.6	5	O15231	R.QSSPSGSEQLVR.R QSS[166.9984]PSGSEQLVR 2	-0.302	0.011	-0.003	0	26.34	19	189	14	689	-2.39
3473.5	16	O15231	R.GGQGDPAVPTQQI GGQGDPAVPTQQADPST[181.014] 3	1.41	5.90E-04	-0.008	0	38.68	19	189	14	689	-2.17
3473.5	27	O15231	R.GGQGDPAVPTQQI GGQGDPAVPTQQADPST[166.9984] 3	1.41	8.30E-04	-0.008	0	37.21	19	189	14	689	-2.17
2910.2	14	O15231	R.RSSTSGDTEEEEE RSSTSGD[181.014]EEEEEEVV 3	1.41	0.002	-0.007	1	34.78	20	189	14	689	-2.51
1751.7	9	O15231	R.RESCGSSVLTDFEG RESC[160.0307]GSS[166.9984]S 3	1.129	0.004	-0.002	1	31.62	20	173	15	689	-1.43
2154.9	19	O15231	R.GGQGDPAVPTQQI GGQGDPAVPTQQADPST[181.014] 2	1.528	1.70E-04	-0.005	0	45.54	20	173	15	689	-2.45
3553.5	17	O15231	R.GGQGDPAVPTQQI GGQGDPAVPTQQADPST[181.014] 3	1.472	1.20E-04	-0.008	0	45.72	19	200	15	689	-2.27
3490.5	19	O15231	R.GGQGDPAVPTQQI GGQGDPAVPTQQADPST[166.9984] 3	1.544	3.40E-04	-0.011	1	41.46	19	173	15	689	-3.17
3490.5	7	O15231	R.GGQGDPAVPTQQI GGQGDPAVPTQQADPST[181.014] 3	1.655	2.60E-04	-0.011	1	42.56	19	148	13	689	-3.17
3553.5	17	O15231	R.GGQGDPAVPTQQI GGQGDPAVPTQQADPST[166.9984] 3	1.655	1.00E-05	-0.008	0	56.54	19	148	13	689	-2.27
2910.2	22	O15231	R.RSSTSGDTEEEEE RSST[181.014]SGDTEEEEEVV 3	1.394	5.30E-04	-0.007	1	40.17	20	167	11	689	-2.51
3553.5	8	O15231	R.GGQGDPAVPTQQI GGQGDPAVPTQQADPST[166.9984] 3	1.394	2.50E-04	-0.008	0	42.58	19	167	11	689	-2.27
2910.2	23	O15231	R.RSSTSGDTEEEEE RS[166.9984]SGDTEEEEEVV 3	1.26	0.003	-0.007	1	33	20	120	11	689	-2.51
2910.2	15	O15231	R.RSSTSGDTEEEEE RSST[166.9984]GDTEEEEEVV 3	1.374	6.10E-04	-0.007	1	39.61	20	162	12	689	-2.51
3490.5	6	O15231	R.GGQGDPAVPTQQI GGQGDPAVPTQQADPST[181.014] 3	0.671	0.012	-0.011	1	26.05	19	162	12	689	-3.17
3553.5	28	O15231	R.GGQGDPAVPTQQI GGQGDPAVPTQQADPST[181.014] 3	1.374	4.00E-04	-0.008	0	40.48	19	162	12	689	-2.27
1260.6	8	O15231	R.ATSFSSAGEV.PK.P ATS[166.9984]FSSAGEV.PK 2	0.283	0.002	-0.002	0	34.16	21	200	15	689	-1.8
2990.1	17	O15231	R.RSSTSGDTEEEEE RSST[181.014]S[166.9984]GDT 3	1.191	0.003	-0.01	1	30.26	18	148	13	689	-3.42
2415	15	O15234	K.STVTGERQSGDQI STVTGERQ[166.9984]GDQES 3	1.23	0.003	-0.005	1	33.7	21	59	5	703	-2.13
2502.2	18	O15234	R.LEQTSVRDPEAD LEQTSVRDPS[166.9984]PEADA 3	1.41	9.10E-04	-0.005	1	38.67	21	59	5	703	-2.13
2415	12	O15234	K.STVTGERQSGDQI STVT[181.014]GERQSGDQEST 2	-0.369	0.012	-0.007	1	27.7	21	46	3	703	-2.75
1982.8	16	O15258	K.VDPSLMEDSDGQI VDPSLMEDS[166.9984]DDGQPSI 2	0.765	8.90E-04	-0.006	0	38.01	20	39	2	196	-3.15
1758.7	7	O15320,AFU	R.SNSELEDEILCLE.D SNS[166.9984]ELEDEILC[160.0307] 2	-0.097	0.007	-0.003	0	30.36	21	37	2	196	-1.93
1118.5	5	O15320,Q96R	R.SFNMPSLDK.M SFNMP[166.9984]LDK 2	-0.607	0.022	-0.002	0	20.29	16	51	2	548	-1.08
3728.3	6	O15371	R.VYSLPDGTFSSDEDI VYS[166.9984]LPGTFSS[166.9984] 3	0.163	0.036	-0.004	0	17.03	15	17	3	548	-1.56
3195.4	20	O15371	R.DNSDFLLTSETAI DNSDFLLTSETAINEPQDEGN. 3	0.572	0.015	-0.006	0	25.08	19	25	2	548	-1.88
3728.3	25	O15371	R.VYSLPDGTFSSDEDI VYSLPDGTFSS[166.9984]S[166.9984] 3	0.698	0.011	-0.004	0	22.31	15	26	3	548	-1.06
3728.3	18	O15371	R.VYSLPDGTFSSDEDI VYSLPDGTFSS[166.9984]S 3	1.174	0.004	-0.004	0	27.09	15	60	2	548	-1.06
2823.2	20	O15417	K.ATDGLAQEPGGI ATDGLAQEPGGI[166.9984]FSS[166.9984] 3	2.275	2.50E-04	-0.008	1	44.08	21	44	5	2968	-2.71
2823.2	23	O15417	K.ATDGLAQEPGGI ATDGLAQEPGGI[166.9984]FSS[166.9984] 3	2.522	1.40E-04	-0.008	1	46.57	21	47	6	2968	-2.71
1933.9	9	O15438	R.QLSALSDDGEGQI QLSALS[166.9984]DDEGGQRP 3	0.144	0.037	-0.003	1	22.84	21	23	6	1527	-1.72
2013.9	9	O15438	R.QLSALSDDGEGQI QLS[166.9984]ALS[166.9984]S 3	0.193	0.036	-0.004	1	23.28	21	26	12	1527	-1.97
1933.9	9	O15438	R.QLSALSDDGEGQI QLSALS[166.9984]S[166.9984]S 3	0.354	0.023	-0.003	1	24.97	21	37	9	1527	-1.72
1933.9	10	O15438	R.QLSALSDDGEGQI QLS[166.9984]ALSDDGEGQRP 3	1.639	0.001	-0.003	1	37.75	21	63	10	1527	-1.36
1945.9	11	O15439	K.DNEESEQPPVPTG DNEESEQPPVPTG[181.014]PTU 2	-0.101	0.007	-0.005	0	30.35	21	30	3	1325	-2.71
2073.9	9	O15439	K.DNEESEQPPVPTG DNEESEQPPVPTG[181.014]PT 2	0.027	0.049	-0.004	1	21.62	21	40	5	1325	-2.71
2122	11	O15446	K.QEQINTEPLEDTVLS QEQINTEPLEDTVLS[166.9984]P 2	1.978	4.50E-06	-0.002	0	61.68	21	91	4	510	-0.95
2946.3	13	O15446	R.MPETVQPEEMPGP MPETVQPEEMPGPLNS[166.9984] 3	1.973	5.20E-04	-0.006	0	41.13	21	91	4	510	-1.96
2250.1	19	O15446	K.QEQINTEPLEDTVLS QEQINTEPLEDTVLS[166.9984]P 3	0.873	0.007	-0.004	1	29.06	20	104	6	510	-1.54
2122	9	O15446	K.QEQINTEPLEDTVLS QEQINTEPLEDTVLSPT[181.014] 2	2.085	7.30E-06	-0.002	0	59.55	21	104	6	510	-0.95
2946.3	19	O15446	R.MPETVQPEEMPGP MPETVQPEEMPGPLNS[166.9984] 3	0.794	0.008	-0.006	0	29.37	21	106	5	510	-1.96
2250.1	10	O15446	K.QEQINTEPLEDTVLS QEQINTEPLEDTVLSPT[181.014]VLSPT 3	0.167	0.035	-0.004	1	22.01	20	70	4	510	-1.54
2134	9	O15530,Q6A1	R.ANSFVGTQAQVSP.E ANS[166.9984]VGTQAQVSP.E 2	1.035	4.60E-04	-0.004	0	41.57	21	42	2	510	-1.82
1906.7	6	O43159	K.GQPPCSDSEEVER GQPPC[160.0307]S[166.9984]I 2	-0.932	0.047	-0.004	1	19.04	18	19	2	456	-2.33
964.45	5	O43159	K.TEVSPPVPR.T TEVS[166.9984]PVPR 2	-0.529	0.019	-0.002	0	23.1	18	27	5	456	-2.32
1492.6	6	O43166	R.TLSDSEIYNSQR.E T[166.9984]DESIYNSQR 2	0.628	0.001	-0.006	0	35.42	19	58	8	1804	-3.96
1664.8	16	O43166	K.KLDLESPTPESQK.S KLDLESPT[181.014]PESQK 2	0.299	0.002	-0.002	1	34.54	21	49	12	1804	-1.34
1664.8	7	O43166	K.KLDLESPTPESQK.S KLDLES[166.9984]PTPESQK 2	0.887	6.10E-04	-0.002	1	40.13	21	58	8	1804	-1.34
2252.8	20	O43237	K.DFQDYMEPEEGCQ.DFQDYMEPEEGC[160.0307]QG 2	0.522	0.002	-0.005	0	33.58	18	34	3	1492	-2.46
2704.1	20	O43290	R.SANGGESDGEENI SANGGES[166.9984]DGEENI 3	1.372	0.002	-0.004	0	35.06	21	35	1	800	-1.46
2704.1	15	O43290	R.SANGGESDGEENI SANGGES[166.9984]ESDGEENI 3	1.498	0.002	-0.004	0	36.33	21	36	2	800	-1.46
1185.7	7	O43306	R.ANSMEGLM.PR.W ANS[166.9984]MEGLM.PR 2	0.508	0.002	-0.002	0	34.39	19	34	4	1168	-1.83
1468.6	13	O43306	R.DAEPSPPTAGP.PR.DAEPSP[166.9984]PTAGP.PR 2	-0.857	0.038	-0.005	0	21.76	20	40	2	1168	-3.67
1517.5	10	O43395	K.GDDDEESDEEAVK.GDDDEES[166.9984]DEEAVK 2	0.698	9.60E-04	-0.003	0	34.34	17	43	2	683	-1.7
1645.6	8	O43395	K.GDDDEESDEEAVK.GDDDEES[166.9984]DEEAVK 2	-0.296	0.009	-0.003	1	26.4	19	43	2	683	-2.03
3409.4	26	O43422	K.ETNNSNAQN.PSEEE ETNNSNAQN[166.9984]EEEG 3	2.682	3.70E-05	-0.007	0	51.95	20	52	2	761	-2.02
960.48	5	O43491	K.SYTLV.VAK.D S[166.9984]YTLV.VAK 2	-0.168	0.007	-0.001	0	30.63	22	31	2	1005	-1.48
2068.9	8	O43493	K.DSPSKSAAEQ.PEI DSPSKS[166.9984]AAEQ.PTEP 2	1.588	1.20E-04	-0.003	1	47.24	21	54	5	480	-1.56
2067.9	17	O43493	K.TESGEETDLSP.PQE TES[166.9984]GEETDLSP.PQE 2	-0.784	0.028	-0.005	0	24.52	22	54	5	480	-2.44
2068.9	13	O43493	K.DSPSKSAAEQ.PEI DSPS[166.9984]KSSAAEQ.PTEP 3	2.013	4.90E-04	-0.004	1	41.48	21	88	5	480	-1.9
2068.9	7	O43493	K.DSPSKSAAEQ.PEI DSPSKS[166.9984]AAEQ.PTEP 2	1.588	1.30E-04	-0.003	1	47.17	21	76	5	480	-1.56
2067.9	22	O43493	K.TESGEETDLSP.PQE T[181.014]ESGEETDLSP.PQE 2	-0.462	0.013	-0.005	0	27.74	22	84	7	480	-2.44
2797.2	28	O43583	K.LTVENSPKQ.EAGIS LTVENS[166.9984]PKQ.EAGISEC 3	1.668	7.00E-07	-0.007	1	69.89	21	70	2	198	-2.68
2797.2	18	O43583	K.LTVENSPKQ.EAGIS LTVENS[166.9984]PKQ.EAGISEC 3	1.394	1.30E-05	-0.007	1	57.09	21	57	3	198	-2.68
1942.8	12	O43598	R.YFEADPPGQ.VAASF YFEADPPGQ.VAASF[166.9984]PL 2	-0.47	0.016	-0.004	0	25.59	20	26	1	174	-2.03
1256.6	9	O43707	K.DHGGALG.PE.FEK.DHGGALG.PE.FEK 2	1.903	6.70E-05	-0.002	0	50.39	21	111	5	911	-1.58
1775.8	15	O43707	K.DDPVTNLNNA.FEV DDPVTNLNNA.FEV 2	1.738	1.00E-04	-0.004	0	48.74	21	111	5	911	-1.98
1741.8	9	O43707	R.ETTTDTADQ.VIAS ETTTDTADQ.VIASFK 2	1.632	1.30E-04	-0.004	0	46.54	20	128	3	911	-2.23
043707.P128	10	O43707	R.FAIQIDISVEETSAK.I FAIQIDS[166.9984]VEETSAK 2	1.924	6.80E-05	-0.002	0	50.6	21	111	11	111	-1.18
2361.7	7	O43719	K.ELEENDSEN.FEDI ELEENDSEN[166.9984]ENS[166.9984] 2	0.524	0.001	-0.004	0	30.6	15	192	13	755	-1.89
2441.7	9	O43719	K.ELEENDSEN.FEDI ELEENDSEN[166.9984]ENS[166.9984] 2	1.485	1.50E-04	-0.004	0	38.21	13	192	13	755	-1.64
1291.5	9	O43719	K.LFEEDDSEN.NEKL LFEEDDSEN[166.9984]NEKL 2	1.944	6.60E-05	-0.003	0	45.8	16	192	13	755	-2.06
2271.8	16	O43719	K.VFDDSEDEK.EEY.VFDDSE[166.9984]DEK.EEY 3	1.016	0.005	-0.005	1	27.56	17	192	13	755	-2.35
1921.7	20	O43719	K										

1328.6	10	O60293	R.RISTSDILSEK.K	RISTS[166.9984]DILSEK	2	-0.73	0.026	-0.002	1	24.99	22	67	8	1989	-1.43
1757.9	8	O60312	R.YQAEDESEEVVPR	YQAEDES[166.9984]EEVEVPR	3	-0.599	0.021	-0.003	0	24.34	20	24	2	1499	-1.7
2460.1	25	O60318	K.KPGDGEVSPSTEDA	KPGDGEVSPS[166.9984]TEDAP	3	0.644	0.011	-0.002	1	27.87	21	28	6	1980	-1.01
811.42	4	O60320	R.SILSRRLR.E	SILSRRLR[166.9984]RJR	2	0.23	0.003	-0.002	1	33.63	21	34	2	539	-2.03
3606.6	25	O60341	K.KLPPPPPPAPPEEIE	KLPPPPPPAPPEEINES[166.9984]	3	1.581	0.001	-0.01	1	36.14	20	58	3	852	-2.7
2597.9	10	O60341	R.EMDESANLSEDEY	EMDESANLSEDES[166.9984]EDEY?	2	1.092	4.40E-04	-0.006	0	38.18	17	58	3	852	-2.14
2597.9	8	O60341	R.EMDESANLSEDEY	EMDESANLSEDEY[243.0297]Y?	2	1.3	2.70E-04	-0.006	0	40.29	17	73	6	852	-2.14
2023.9	10	O60353	R.LREQDCGEPASPA	LREQDC[160.0307]GEPAS[166.9984]	3	0.132	0.039	-0.005	1	22.68	21	23	1	706	-2.7
2676.2	19	O60502	K.LENEDGSDIEDTIV	LENEDGS[166.9984]DEDIETDVLV	3	0.514	0.017	-0.002	0	26.47	21	45	3	916	-0.84
3709.5	23	O60502	K.ESIAESKPEMSMQE	ESIAESKS[166.9984]PEMSMQE	3	1.018	0.005	-0.001	1	31.53	21	49	6	916	-0.39
1535.7	10	O60504	R.LCDDGDPQLTSPR	L[160.0307]DGGPQLTSPS[166.9984]	2	2.675	1.00E-05	-0.003	0	58.11	21	58	4	671	-2.01
2474	11	O60524	R.NPYLLSEEDDDVD	NPYLLS[166.9984]EEEDDDVDG	2	1.978	3.60E-07	-0.008	0	71.65	20	72	1	1076	-3.2
1638.8	8	O60524	K.KLPSDSDGLEALEGI	KLPSDSDGLEALEGK[166.9984]	3	-0.078	0.006	-0.003	1	31.55	22	32	3	1076	-1.64
1742.8	10	O60583	K.QGQSQASSSSVTS	QGQSQASSSSVTS[166.9984]P	2	1.354	2.50E-04	-0.004	0	44.9	21	45	2	730	-2.15
2198	6	O60675	K.EAGENAPVLSDDDEL	EAGENAPVLS[166.9984]DDELV	3	-0.688	0.026	-0.006	0	24.41	21	30	4	156	-2.57
3714.4	21	O60678	R.GAVENEEDLPESLD	GAVENEEDLPESLS[166.9984]DS	3	1.303	0.002	-0.009	0	32.36	19	32	1	531	-2.55
3634.5	29	O60678	R.GAVENEEDLPESLD	GAVENEEDLPESLS[166.9984]C	3	2.831	2.20E-06	-0.005	0	63.9	20	64	2	531	-1.44
1444.6	16	O60716	K.SDFQVNLNNSAR.S	SDFQVNLNNSAR[166.9984]JR	2	-0.157	0.008	8.00E-04	0	28.74	20	29	10	968	0.54
2000.9	17	O60716	R.SQSSHSYDDSTPLI	SQSSHSY[166.9984]HSYDDSTPLID	2	-0.586	0.021	-0.004	0	25.4	21	53	10	968	-1.95
2000.9	20	O60716	R.SQSSHSYDDSTPLI	SQSSHSY[243.0297]JDDSTPLID	3	1.111	0.004	-0.003	0	32.44	21	53	10	968	-1.45
2000.9	12	O60716	R.SQSSHSYDDSTPLI	SQSSHSY[166.9984]YDDSTPLID	3	1.074	0.005	-0.003	0	32.09	21	52	3	968	-1.45
2000.9	8	O60716	R.SQSSHSYDDSTPLI	SQSSHSY[166.9984]HSYDDSTPLID	3	0.564	0.015	-0.003	0	27.04	21	45	6	968	-1.45
2080.8	19	O60716	R.SQSSHSYDDSTPLI	SQSSHSY[166.9984]Y	2	-0.334	0.013	-0.004	0	26.92	20	53	10	968	-1.84
1226.6	7	O60716	R.GSLASLDRK.G	GSLASLDRK[166.9984]LDRK	2	-0.795	0.037	-0.002	1	21.27	19	62	11	968	-1.8
3403.2	26	O60763	K.DLGHVVEEEDLES	DLGHVVEEEDLES[166.9984]GI	3	0.369	0.021	-0.008	0	21.09	17	50	2	962	-2.32
3323.2	19	O60763	K.DLGHVVEEEDLES	DLGHVVEEEDLES[166.9984]GI	3	1.41	9.50E-05	-0.008	0	46.08	18	50	2	962	-2.31
3916.5	17	O60763	K.DLGHVVEEEDLES	DLGHVVEEEDLES[166.9984]GI	4	0.191	0.001	-0.005	1	35.93	19	117	3	962	-1.38
3243.3	23	O60763	K.DLGHVVEEEDLES	DLGHVVEEEDLES[166.9984]GI	3	1.394	1.90E-05	-0.008	0	54.29	20	131	4	962	-2.57
1786.7	15	O60832	K.AGLSEGAEPGGDD	AGLSEGAEPGGDD[166.9984]G	2	0.001	0.006	-0.004	0	29.37	19	114	12	514	-2.06
1914.8	17	O60832	K.AGLSEGAEPGGDD	AGLSEGAEPGGDD[166.9984]G	2	0.956	5.70E-04	-0.004	1	39.92	20	114	12	514	-2.37
1866.7	10	O60832	K.AGLSEGAEPGGDD	AGLSEGAEPGGDD[166.9984]G	2	-0.157	0.007	-0.004	0	25.79	17	114	12	514	-2.25
1786.7	10	O60832	K.AGLSEGAEPGGDD	AGLSEGAEPGGDD[166.9984]C	2	1.978	1.00E-05	-0.004	0	56.66	19	114	12	514	-2.34
884.37	7	O60832	K.EVELVSE.-	EVELVSE[166.9984]E	1	-0.814	0.041	-0.002	0	19.86	18	114	12	514	-2.21
1914.8	8	O60832	K.AGLSEGAEPGGDD	AGLSEGAEPGGDD[166.9984]C	3	1.289	0.003	-0.003	1	33.29	20	114	12	514	-2.33
1994.8	15	O60832	K.AGLSEGAEPGGDD	AGLSEGAEPGGDD[166.9984]G	2	-0.136	0.007	-0.005	1	26.95	18	148	9	514	-1.79
2007.9	18	O60832	R.ESESEDETTPAAPQ	ESESEDETTPAAPQ[166.9984]Q	2	-0.685	0.027	-0.005	0	24.44	21	160	9	514	-2.29
1786.7	13	O60832	K.AGLSEGAEPGGDD	AGLSEGAEPGGDD[166.9984]G	2	-0.806	0.037	-0.004	0	21.23	19	160	9	514	-2.23
2007.9	18	O60832	R.ESESEDETTPAAPQ	ESESEDETTPAAPQ[166.9984]Q	2	-0.184	0.008	-0.005	0	29.55	21	187	7	514	-2.29
2007.9	12	O60832	R.ESESEDETTPAAPQ	ESESEDETTPAAPQ[166.9984]Q	2	2.583	1.50E-05	-0.005	0	57.05	21	199	9	514	-2.39
2113.9	21	O60841	K.NKPGPNIESGNECD	NKPGPNIESGNECD[166.9984]G	3	0.894	0.007	-0.004	1	30.34	21	172	9	1220	-1.9
2080.8	8	O60841	K.QSFDDNDESELEDK	QSFDDNDESELEDK[166.9984]E	2	-0.963	0.049	-0.005	1	19.73	19	172	9	1220	-2.52
1816.6	10	O60841	K.VEMYSGSDDDDDF	VEMYSGSDDDDDF[166.9984]F	2	1.843	7.80E-05	-0.004	0	44.79	16	172	9	1220	-2.5
1958.7	15	O60841	K.KQSFDDNDESELEDK	KQSFDDNDESELEDK[166.9984]E	2	1.978	1.40E-05	-0.005	1	52.29	16	172	9	1220	-2.75
1618.6	9	O60841	K.KWDSGSEEDNSK	KWDSGSEEDNSK[166.9984]K	2	0.177	0.003	-0.002	1	30.13	18	172	9	1220	-1.2
2154.9	16	O60841	K.VEMYSGSDDDDDF	VEMYSGSDDDDDF[166.9984]F	3	0.352	0.025	-0.004	1	22.85	19	132	10	1220	-1.68
1816.6	7	O60841	K.VEMYSGSDDDDDF	VEMYSGSDDDDDF[166.9984]F	2	0.485	0.002	-0.004	0	31.11	16	132	10	1220	-2.5
1896.6	16	O60841	K.VEMYSGSDDDDDF	VEMYSGSDDDDDF[166.9984]G	2	1.868	7.70E-05	-0.004	0	41.94	13	132	10	1220	-2.3
3928.5	28	O60841	K.EETPPVPEEEDDT	EETPPVPEEEDDT[166.9984]D	3	0.577	0.014	-0.007	0	25.1	19	132	10	1220	-1.89
1896.7	7	O60841	K.VEMYSGSDDDDDF	VEMYSGSDDDDDF[166.9984]G	2	1.236	3.30E-04	-0.004	0	35.65	13	217	11	1220	-2.3
1871.7	11	O60841	K.PGPNIESGNECD	PGPNIESGNECD[166.9984]G	2	0.937	5.60E-04	-0.003	0	39.7	20	195	11	1220	-1.81
3928.5	29	O60841	K.EETPPVPEEEDDT	EETPPVPEEEDDT[166.9984]D	3	0.89	0.007	-0.007	0	28.26	19	140	9	1220	-1.89
2234.8	12	O60841	K.VEMYSGSDDDDDF	VEMYSGSDDDDDF[166.9984]G	3	0.308	0.023	-0.003	1	21.41	18	132	10	1220	-1.49
2041.8	16	O60841	K.PKVMYSGSDDDDD	PKVMYSGSDDDDD[166.9984]D	2	1.332	2.20E-04	0.001	1	42.61	19	217	11	1220	0.71
2036.8	21	O60841	R.INSSGSDGSEDEFL	INSSGSDGSEDEFL[166.9984]C	2	2.241	4.80E-06	-0.005	0	60.41	20	280	12	1220	-2.33
1715.7	10	O60885	K.SKPPPTYESEEDK	SKPPPTYESEEDK[166.9984]E	2	-0.499	0.017	-0.002	1	25.27	20	24	5	1362	-1.3
2353.1	9	O60885	K.MPDEPEEPVAVS	MPDEPEEPVAVS[166.9984]P	3	1.811	7.80E-04	-0.003	0	38.54	20	44	2	1362	-1.4
1240.6	7	O60934	R.IPNYQLSPTK.L	IPNYQLSPTK[166.9984]PTK	2	-0.967	0.043	-0.002	0	21.69	21	22	3	754	-1.94
2312.9	8	O75151	K.DSDVYVPSLESDI	DSDVYVPSLES[166.9984]D	2	0.252	0.003	-0.005	0	32.83	20	51	8	1096	-2.13
1316.5	6	O75151	K.GSDADAPVPTAR.V	GSDADAPVPTAR[166.9984]PTAR	2	-0.517	0.016	-0.002	0	24.12	19	33	3	1096	-1.93
4208.7	15	O75152	K.VESSENVSPTHPPV	VESSENVSPTHPPV[166.9984]V	4	0.028	0.038	-0.008	0	20.97	19	21	3	810	-1.86
4288.7	26	O75152	K.VESSENVSPTHPPV	VESSENVSPTHPPV[166.9984]V	4	0.246	0.007	-0.006	0	27.8	18	36	2	810	-1.48
4288.7	22	O75152	K.VESSENVSPTHPPV	VESSENVSPTHPPV[166.9984]V	4	0.191	0.004	-0.006	0	29.39	18	29	3	810	-1.48
4288.7	33	O75152	K.VESSENVSPTHPPV	VESSENVSPTHPPV[166.9984]V	4	-0.11	0.002	-0.006	0	32.46	18	47	3	810	-1.48
4288.7	28	O75152	K.VESSENVSPTHPPV	VESSENVSPTHPPV[166.9984]V	4	0.206	0.001	-0.006	0	35.92	18	46	2	810	-1.48
4208.7	17	O75152	K.VESSENVSPTHPPV	VESSENVSPTHPPV[166.9984]V	4	0.15	2.00E-04	-0.008	0	43.86	19	60	3	810	-1.86
2298.9	18	O75153	K.SEDPPQGEAGESEE	SEDPPQGEAGESEE[166.9984]E	2	1.509	1.50E-04	-0.005	0	45.45	20	45	4	1309	-2.01
2207	9	O75367	K.AASADSTTEGTPAD	AASADSTTEGTPAD[166.9984]G	2	2.732	1.80E-06	-0.007	0	64.20	20	65	1	372	-3.01
2207	9	O75367	K.AASADSTTEGTPAD	AASADSTTEGTPAD[166.9984]G	2	2.735	3.70E-06	-0.007	0	61.85	20	65	3	372	-3.01
2207	10	O75367	K.AASADSTTEGTPAD	AASADSTTEGTPAD[166.9984]G	2	0.447	0.002	-0.005	0	34.69	20	102	6	372	-2.24
2286.9	6	O75367	K.AASADSTTEGTPAD	AASADSTTEGTPAD[166.9984]G	2	-0.947	0.04	-0.004	0	20.92	20	70	4	372	-1.73
2286.9	8	O75367	K.AASADSTTEGTPAD	AASADSTTEGTPAD[166.9984]G	2	0.753	8.40E-04	-0.004	0	37.75	20	105	6	372	-1.73
2286.9	9	O75367	K.AASADSTTEGTPAD	AASADSTTEGTPAD[166.9984]G	2	1.401	1.80E-04	-0.004	0	44.37	20	69	3	372	-1.73
1573.7	5	O75376	K.AQLSPGIYDTSAR	AQLSPGIYDTSAR[166.9984]S	2	-0.412	0.015	-0.004	0	27.24	21	49	12	2440	-2.4
2446	19	O75376	K.HEAPSSPISGQPC	HEAPSSPISGQPC[166.9984]P	3	1.132	0.004	-0.005	0	30.72	19	49	12	2440	-1.95
1212.9	9	O75376	R.MPIEDSSPEK.G	MPIEDSSPEK[166.9984]PEK	2	-0.914	0.042	-0.002	0	20.12	19	45	10	2440	-1.62
2446	9	O75376	K.HEAPSSPISGQPC	HEAPSSPISGQPC[166.9984]P	3	-0.886	0.038	0.002	0	21.49	20	62	14	2440	0.75
1080.5	10	O75376	R.VPENLVK.S	VPENLVK[166.9984]PENLVK	2	-0.66	0.025	-0.002	0	22.79	19	59	13	2440	-1.82
2065.8	13	O75379	R.NLLEDDSEDEEFLR	NLLEDDSEDEEFLR[166.9984]E	2	-0.765	0.031	-0.003</							

2538	19	O94762	K.YTGEEDGAGGHP; YTGEEDGAGGHS[166.9984]PAF 3	0.618	0.011	-0.008	0	27.58	21	28	3	991	-3.18
3080.2	15	O94763	R.SICEEATCSDTESIS[166.9984][160.0307]EEA1	0.268	0.028	-0.007	0	23.08	20	23	1	535	-2.22
2450.1	22	O94826	R.ASPAPGSGHPGPG AS[166.9984]PAGSGHPGPG# 3	0.404	0.022	-0.005	0	25.4	21	25	1	608	-2.14
2491.1	11	O94842	R.LSTTPTSPSLHEDG LSTTPT[166.9984]PT[181.014] 3	0.367	0.023	-0.006	1	24.02	20	24	2	621	-2.41
2943.3	18	O94864	K.TEESPLPSPCGSP TEESEPSP[166.9984]PGS[166.9984] 3	0.261	0.029	-0.004	0	23.96	21	24	1	414	-1.33
1255.6	8	O94876	K.FGSADNPNLKD FGS[166.9984]ADNPNLK 2	1.978	7.40E-06	-0.002	0	59.26	20	59	1	653	-1.85
2226.9	17	O94880	R.NSADDEELNDSLNT NSADDEEL[181.014]NDS[166.9984] 3	0.167	0.004	-0.003	0	31.03	19	31	2	888	-1.46
1480.6	9	O94925	K.DGPGTDAFNGNED DGPGTDAFNGNSEG 2	0.743	8.90E-04	-0.004	0	38.72	21	39	1	669	-2.41
2862.2	24	O94979	K.DSDQVAQSDGEE DSDQVAQS[166.9984]DGEES 3	2.471	1.90E-04	-0.005	0	45.11	20	47	3	1220	-1.84
2016.9	15	O94979	R.AQGEVAVAGHESPK AQGEVAVAGHES[166.9984]PKIP 3	0.117	0.042	-0.004	1	21.57	20	47	3	1220	-1.99
3460.4	22	O94986	K.DLLSDNGSESLPHS DLLS[166.9984]DNGSESLPHS1 4	-0.048	0.045	0.002	1	20.31	19	20	3	1654	0.61
3603.2	19	O94992	K.SDDTSDDDFMEEG S[166.9984]DSDTSDDDFMEEG 3	1.544	0.002	-0.008	0	28.83	13	58	3	359	-2.22
3603.2	17	O94992	K.SDDTSDDDFMEEG SDDT[166.9984]DSDTSDDDFMEEG 3	1.544	6.60E-05	-0.008	0	42.61	13	58	3	359	-2.22
3523.2	25	O94992	K.SDDTSDDDFMEEG SDDT[166.9984]DSDTSDDDFMEEG 3	1.655	2.10E-04	-0.005	0	40.21	16	57	3	359	-1.3
1324.5	8	O95067	K.GSPPTPEDVSMK.E GPS[166.9984]PTPEDVSMK 2	-0.43	0.015	-0.002	0	24.09	18	24	2	398	-1.78
1535.6	18	O95155	R.SQSMIDIGVSCCK.SQS[166.9984]MIDIGVSC[160.0307] 3	0.496	0.002	-0.003	0	32.25	17	32	7	1302	-2.24
1067.5	9	O95171	R.GQSLDNLK.V GQS[166.9984]DNLK 2	-0.703	0.03	-0.002	0	23.23	20	27	5	688	-1.91
1719.8	10	O95171	K.SSEQLDEHNVSP.SSEQLDEHNV[166.9984]PK 2	-0.92	0.042	-0.003	0	22.06	21	27	5	688	-1.52
2015.8	18	O95208	R.GSSQPNTLSHSEQ GSS[166.9984]QPNLTSHSEQE 2	-0.98	0.045	-0.004	0	21.56	21	22	3	641	-2.08
1593.6	11	O95218	K.YNLDASEEDSNK.YNLDA[166.9984]EEEDSNK 2	1.771	9.30E-05	-0.004	0	45.07	17	140	7	330	-2.18
1721.7	12	O95218	K.YNLDASEEDSNK.YNLDA[166.9984]EEEDSNK 2	0.642	0.001	-0.004	1	36.78	20	140	7	330	-2.28
2419.9	12	O95218	K.EVEDKESEGEDEE EVEDKES[166.9984]EGEEDD 2	1.978	1.70E-05	-0.005	1	53.77	19	140	7	330	-1.88
2545	21	O95218	R.ENVEYIEREESDGEY ENVEYIERES[166.9984]DGEYD 3	0.159	0.036	-0.005	1	19.94	18	107	6	330	-1.81
2103.8	11	O95232	K.NEVNGTSEDIKEG NEVNGTSEDIKS[166.9984]EGD 2	0.597	0.001	-0.002	1	35.33	19	35	1	432	-1.18
1722.7	11	O95251	R.SGSETEQVVFSD S[166.9984]GSETEQVVFSDR 2	0.488	0.002	-0.004	0	34.24	19	34	1	611	-2.23
1722.7	9	O95251	R.SGSETEQVVFSD S[166.9984]GSETEQVVFSDR 2	1.153	3.50E-04	-0.004	0	40.82	19	56	3	611	-2.23
4314.7	28	O95251	K.NTADHDESPRPT NTADHDESPRPT[181.014]PT[181.014] 4	-0.092	0.021	-0.014	1	22.37	18	52	2	611	-3.12
4314.7	21	O95251	K.NTADHDESPRPT NTADHDESPRPT[181.014]PT[181.014] 4	0.319	0.002	-0.014	1	33.89	18	56	3	611	-3.12
1722.7	9	O95251	R.SGSETEQVVFSD S[166.9984]GSETEQVVFSDR 2	1.444	1.70E-04	-0.004	0	43.83	19	44	1	611	-2.23
1360.6	9	O95292	K.SLSLDDTEVK.K SLS[166.9984]SLSLDDTEVK 2	1.089	4.30E-04	-0.002	0	41.25	20	41	2	243	-1.2
1112.5	6	O95297	K.SPSDTEGLVK.S SPS[166.9984]DTEGLVK 2	0.029	0.005	-0.002	0	31.65	21	117	6	269	-2.25
1710.7	7	O95297	R.DYTGCTSESLSPVK DYTGC[160.0307]STSESLS[166.9984] 2	2.267	2.90E-05	-0.004	0	53.03	20	117	6	269	-2.35
1710.7	16	O95297	R.DYTGCTSESLSPVK DYTGC[160.0307]STSESLS[166.9984] 2	0.168	0.004	-0.004	0	32.04	20	117	6	269	-2.24
1710.7	10	O95297	R.DYTGCTSESLSPVK DYTGC[160.0307]STSESLS[166.9984] 2	0.735	9.80E-04	-0.004	0	37.71	20	117	6	269	-2.24
1218.5	8	O95297	K.SESVYVADIR.K SESVYV[243.0297]ADIR 2	0.187	0.004	-0.002	0	32.18	20	125	5	269	-1.96
1710.7	11	O95297	R.DYTGCTSESLSPVK DYTGC[160.0307]STSESLS[166.9984] 2	0.005	0.005	-0.004	0	30.36	20	125	5	269	-2.35
1710.7	7	O95297	R.DYTGCTSESLSPVK DYTGC[160.0307]STSESLS[166.9984] 2	0.893	6.90E-04	-0.004	0	39.22	20	132	7	269	-2.24
3282.4	20	O95359	K.MQESPKLQQSYN MQES[166.9984]PKLQQSYNFF 3	0.384	0.02	-0.008	1	35.44	21	58	6	2948	-2.56
2710.1	12	O95359	R.MSESPCTSGSFEI MSE[166.9984]PTPC[160.0307] 3	1.504	0.002	-0.007	0	25.24	20	58	6	2948	-2.53
2460.1	18	O95359	K.LDNTASPSPRAE LNDTPAS[166.9984]PPRS[166.9984] 3	0.956	0.005	-0.005	1	30.96	20	58	6	2948	-2.16
2710.2	20	O95359	R.MSESPCTSGSFEI MSE[166.9984]PTPC[160.0307] 3	0.768	0.009	-0.007	0	28.08	20	58	6	2948	-2.53
2460.1	12	O95359	K.LDNTASPSPRAE LNDTPAS[181.014]PASPPRS[166.9984] 3	-0.341	0.011	-0.004	1	27.88	21	84	5	2948	-1.75
2158.7	7	O95361	R.EETEQDSDSAEQE ETEEQDS[166.9984]DSAEQDGF 2	1.83	7.30E-05	-0.003	0	46.66	18	47	2	47	-2.42
2410.2	24	O95365	R.GGAPDPSGATAT GGAPDPSGATATPGAAPQPS[166.9984] 3	2.732	7.20E-06	-0.009	0	59.63	21	60	1	584	-3.93
3109.2	33	O95391	K.DHNSEDEDEKDAL DHNS[166.9984]DEDEDEKDAL 3	1.668	1.10E-04	-0.01	1	43.99	17	44	2	586	-3.26
2016.7	13	O95400	K.HSLDSEDEEDDD HSLDS[166.9984]DEDEEDDDG 3	0.916	0.006	-0.004	0	25.56	16	75	4	341	-2.03
1474.7	8	O95400	K.GPGQPSRQLDR.GPGQPS[166.9984]RQLDR 2	-0.586	0.022	-0.003	1	25.5	21	92	3	341	-2.05
1474.7	7	O95400	K.GPGQPSRQLDR.GPGQPS[166.9984]RQLDR 2	0.524	0.002	-0.003	1	36.5	21	105	3	341	-2.05
2016.7	10	O95400	K.HSLDSEDEEDDD HSLDS[166.9984]DEDEEDDDG 3	1.374	0.002	-0.004	0	30.47	16	105	4	341	-2.03
1429.6	8	O95425	R.DSSFTVPRSPK.H DSSFTVPR[166.9984]PK 2	0.876	7.50E-04	-0.004	1	39.12	20	39	10	2214	-2.51
1925.8	9	O95425	K.YGSFEEAASYPLN YGS[166.9984]FEEAASYPLNR 2	0.91	6.40E-04	-0.003	0	40.39	21	44	10	2214	-1.58
1143.5	6	O95425	K.SFDEQNVPK.R S[166.9984]FDEQNVPK 2	-0.756	0.028	-0.002	0	22.75	20	90	9	2214	-1.91
1196.6	6	O95453	K.KELSPAGSISK.N KELS[166.9984]PAGSISK 2	-0.365	0.011	-0.002	1	26.66	20	34	2	639	-2.15
1302.6	8	O95453	R.NNSFTAPSTVGK.R NNS[166.9984]FTAPSTVGK 2	0.222	0.003	-0.004	0	33.48	21	49	2	639	-2.74
1370.5	5	O95490	R.GNSDGVYIPIK.E GNS[166.9984]DGVYIPIK 2	0.573	0.001	-0.002	0	37.04	21	37	3	1459	-1.27
2667	15	O95633	R.HAGSCAGTEPEPP HAGSC[160.0307]AGTEPEPPGG 3	0.147	0.04	-0.006	0	19.81	21	1	263	-2.15	
2128.9	19	O95674	R.VAHEPVAPPEKES VAHEPVAPPEKES[166.9984]E 3	1.426	0.002	-0.004	1	35.66	21	111	7	445	-2.11
3294.5	30	O95674	K.VDGETASDESRAE VDGETASDESRAES[166.9984] 4	1.509	7.00E-04	-0.006	1	39.21	20	111	7	445	-1.71
3294.5	26	O95674	K.VDGETASDESRAE VDGETAS[166.9984]DESRAES 3	1.41	2.80E-06	-0.006	1	63.1	20	111	7	445	-1.86
2092.8	6	O95674	K.ESEEAQVDEGAS ESEEAQVDEGAS[166.9984]D 2	-0.159	0.007	-0.003	1	28.77	20	111	7	445	-1.62
3294.5	24	O95674	K.VDGETASDESRAE VDGETASDES[166.9984]RAES 3	1.472	2.10E-05	-0.006	1	54.36	20	99	3	445	-1.86
3294.5	15	O95674	K.VDGETASDESRAE VDGETAS[166.9984]ESRAES 4	0.191	3.70E-05	-0.006	1	51.94	20	114	5	445	-1.71
2536.1	13	O95684	K.GPTTGEGALDSV GPTTGEGALDSVHS[166.9984] 3	1.41	1.40E-04	-0.006	1	45.5	19	46	3	399	-2.26
1544.6	9	O95696	R.VHGEPTSDLSLD.V HGEPT[166.9984]DLS[166.9984] 3	0.296	0.002	-0.003	0	32.22	19	32	1	1058	-1.78
3055.3	33	O95714	K.LAELPAAQPSAED LAELPAAQPSAEDS[166.9984] 3	2.231	3.00E-04	-0.005	0	42.71	20	47	8	4834	-1.73
2928.3	13	O95714	R.IRAEEDLAAVPLA IRAEEDLAAVPLAS[166.9984] 3	1.57	0.001	-0.006	1	37.06	21	56	10	4834	-2.06
3055.3	21	O95714	K.LAELPAAQPSAED LAELPAAQPSAEDS[181.014] 3	1.668	6.10E-04	-0.005	0	39.56	20	56	10	4834	-1.73
3135.2	27	O95714	K.LAELPAAQPSAED LAELPAAQPSAEDS[166.9984] 3	1.544	4.30E-04	-0.007	0	40.7	20	88	11	4834	-2.37
3055.3	22	O95714	K.LAELPAAQPSAED LAELPAAQPSAEDS[166.9984] 3	1.462	0.002	-0.005	0	35.05	20	88	9	4834	-1.73
2135.2	20	O95714	K.LAELPAAQPSAED LAELPAAQPSAEDS[181.014] 3	1.655	4.00E-04	-0.007	0	41.09	20	100	9	4834	-2.37
3732.2	12	O95714,Q9BV	K.IGNEESDLEAACLP IIGNEES[166.9984]DLEAAC[160.0307] 3	0.126	0.038	-0.003	0	22.66	21	68	8	934	-0.94
2659.2	14	O95714,Q9BV	K.IGNEESDLEAACLP IIGNEES[166.9984]DLEAAC[160.0307] 3	0.691	0.01	-0.006	0	29.26	22	100	20	1077	-2.09
2555.9	11	O95747	K.TEDGGWEWSDDEI TEDGGWEWS[166.9984]DDEFI 2	4.735	9.40E-05	-0.004	0	43.61	16	44	1	527	-1.77
3045.3	7	O95772	R.AAUPGGLSDGQFY AAUPGGLSDGQFYPPSEAGS[166.9984] 3	0.554	0.015	-0.005	0	26.94	21	27	3	234	-1.81
3125.3	13	O95772	R.AAUPGGLSDGQFY AAUPGGLSDGQFYPPSEAGS[166.9984] 3	0.401	0.019	-0.006	0	25.44	21	24	2	234	-2
1624.8	7	O95785	K.SPOLSLSPRASPK.SPOLSL[166.9984]PPRAS[166.9984] 3	-0.002	0.005	-0.004	1	31.34	21	31	3	1651	-2.17
2542	11	O95793	K.VTFPEPQSDENG VTFPEPQSDENG[166.9984]DENGTS 3	0.346	0.025	-0.005	1	22.79	21	2	577	-2.04	
1610.7	16	O95831	K.AALSASEGEEVQD AALSAS[166.9984]GEEVQDQ 2	-0.733	0.027	6.00E-06	0	23.03	20	23	3	613	-0.37
1483.7	9	O95831	K.DGEGHEDLNEVAK.DGEGHEDLNEVAK 2	1.231	3.20E-04	-0.004	0	42.53	20	43	2	613	-0.33
1425.6	7	P00367,P4944	R.DDGSWEVEGYR.A DDGSWEVEGYR 2	1.739	9.50E-05	-0.002	0	48.75	21	49	5	1130	-1.59
2194	11	P00519	K.GQGESDPLDHEPA GQGESDPLDHEPAVS[166.9984] 3	0.063	0.048	-0.004	0	21.99	21	22	5	1210	-1.2
2316	14	P00533	K.GSHQSLDNPYQC GSHQSL[166.9984]LDNPYQC 3	1.025	0.004	-0.003	0						

2613.1	11	P05114	K.EDLPAENGETKTEE! EDLPAENGETKTEE[166.9984]P	3	0.806	0.008	-0.007	1	28.41	20	54	3	100	-2.56
2029.7	17	P05386,P0538	K.KEESEESDDMMGFC KEES[166.9984]EESDDMMGFL	2	1.978	1.30E-05	-0.001	1	53.45	17	61			-0.66
2029.7	12	P05386,P0538	K.KEESEESDDMMGFC KEES[166.9984]EES[166.9984]J	2	-0.259	0.009	-0.003	1	23.77	16	61			-1.45
2029.7	18	P05386,P0538	K.KEESEESDDMMGFC KEES[166.9984]DDMMGFL	2	1.985	5.50E-05	-0.001	1	47.31	17	66			-0.66
1949.8	9	P05386,P0538	K.KEESEESDDMMGFC KEES[166.9984]DDMMGFLD	2	0.587	0.001	-0.003	1	35.26	19	73			-1.75
3003.3	21	P05412	K.EEPQTVPEMGETF EEPQTVPEMGETPPLS[166.998	3	0.559	0.014	-0.007	0	26.94	21	27	1	331	-2.39
1551.8	9	P05412	K.NSDLLTSPDVGLLK.NSDLLTSPDVGLLK	2	1.601	1.20E-04	-0.002	0	47.34	21	62			-1.4
1095.5	6	P05556	K.SAVTTVVPNK.Y [166.9984]AVTTVVPNK	2	0.986	5.00E-04	-0.002	0	40.17	20	40	2	798	-2.25
2740.3	19	P05783	R.LEDGEDFNLGDAL LLEDGEDFNLGDALDSSNSMQTI	3	2.572	9.30E-05	-0.005	0	49.06	21	216	8	430	-1.74
2820.2	21	P05783	R.LEDGEDFNLGDAL LLEDGEDFNLGDALDSS[166.9984	3	2.572	2.30E-05	-0.003	0	54.88	21	216	8	430	-1.1
1372.6	8	P05783	R.SLGSVQAPSYGAR.I SLGS[166.9984]VQAPSYGAR	2	0.552	0.002	-0.003	0	35.88	20	216	8	430	-1.86
1055.4	6	P05783	R.STFTNYSR.S [181.014]JSTFTNYSR	2	-0.226	0.009	-0.003	0	26.1	18	216	8	430	-2.42
2820.2	18	P05783	R.LEDGEDFNLGDAL LLEDGEDFNLGDALDSS[166.998	3	2.572	2.10E-06	-0.004	0	65.3	21	216	8	430	-1.53
1372.6	14	P05783	R.SLGSVQAPSYGAR.I [166.9984]JSLGSVQAPSYGAR	2	0.866	7.70E-04	-0.003	0	38.99	20	151	12	430	-1.86
1012.5	6	P05783	K.YETELAMR.Q YETELAMR	2	-0.636	0.021	-0.002	0	24.9	21	397	17	430	-2.15
1419.7	8	P05783	R.QAQYEALLNIK.V QAQYEALLNIK	2	1.148	3.70E-04	-0.003	0	41.74	20	397	17	430	-2.3
2820.2	26	P05783	R.LEDGEDFNLGDAL LLEDGEDFNLGDALDSSNS[166.9	3	2.701	2.40E-06	-0.004	0	64.77	21	397	17	430	-1.53
1055.4	6	P05783	R.STFTNYSR.S [166.9984]JSTFTNYSR	1	3.02	5.30E-06	-0.003	0	58.2	18	151	12	430	-2.42
1055.4	4	P05783	R.STFTNYSR.S STFS[166.9984]JSTFTNYSR	2	-0.274	0.01	-0.003	0	25.62	18	235	11	430	-2.52
1183.5	7	P05783	R.VRSLETENR.R VRS[166.9984]JLETENR	2	-0.52	0.018	-0.002	1	26.16	21	216	8	430	-1.49
1065.6	10	P05783	K.LEAEIATYR.R LEAEIATYR	2	1.025	5.30E-04	-0.002	0	40.61	20	216	8	430	-1.47
1046.5	7	P05783	K.VIDDTNITR.L VIDDTNITR	2	-1.001	0.049	-0.001	0	21.25	21	397	17	430	-1.31
1660.7	14	P05783	R.PVSSAAVYAGAGC.PVSSAA[166.9984]JYAGAGGS	2	2.085	3.80E-08	-0.006	0	82.14	20	397	17	430	-3.4
1372.6	9	P05783	R.SLGSVQAPSYGAR.I SLGSVQAP[166.9984]JYAG	2	-0.249	0.01	-0.002	0	27.84	20	151	12	430	-1.57
1586.7	6	P05783	R.TVQSLDLDMSR.I TVQS[166.9984]LELDLDSMR	2	0.343	0.003	-7.00E-04	0	32.72	19	249	10	430	-0.47
807.4	6	P05783,O760	R.LAADDFR.L LAADDFR	2	0.317	0.002	-0.002	0	33.39	20	144			-2.15
1093.5	8	P05783,Q927	K.ETMQSLNDR.L ETMQSLNDR	2	1.315	2.60E-04	-0.002	0	43.51	20	216			-2.13
1555.7	8	P05787	R.LESGMQNMSHTK.LESGMQNMS[166.9984]JHTK	2	1.547	1.60E-04	-0.003	0	44.83	19	344	26	483	-2
1253.6	8	P05787	K.LVSESSDVLPK.- LVS[166.9984]JSSDVLPK	2	1.36	2.20E-04	-0.002	0	45.96	22	344	26	483	-1.56
1352.7	8	P05787	R.TEMENEFVLK.K TEMENEFVLK	2	0.396	0.002	-0.002	0	35.32	21	344	26	483	-1.63
950.4	6	P05787	R.ISSSSFSR.V ISSS[166.9984]JFSR	2	0.34	0.002	-0.002	0	33.76	20	344	26	483	-2.09
1400.6	9	P05787	R.SLDMDSIAEVK.A SLDMDS[166.9984]JIAEVK	2	1.978	1.20E-05	-0.001	0	57.11	21	344	26	483	-0.82
1217.5	8	P05787	K.YEELQSLAGH.K YEELQSL[166.9984]JLAGH	2	-0.332	0.011	-0.002	0	27.04	20	344	26	483	-1.66
1084.5	6	P05787	K.DVDEAYMKN.V DVDEAYMKN	2	0.78	8.90E-04	-0.002	0	38.16	20	344	26	483	-1.87
1400.6	9	P05787	R.SLDMDSIAEVK.A [166.9984]JLDMDSIAEVK	2	0.589	0.001	-0.001	0	37.25	21	344	26	483	-0.96
1253.6	12	P05787	K.LVSESSDVLPK.- LVSESS[166.9984]JVLPK	2	0.061	0.004	-0.002	0	32.97	22	344	26	483	-1.72
1137.6	14	P05787	K.YEELQSLAGH.K YEELQSLAGH	2	1.818	7.30E-05	-0.002	0	49.54	21	344	26	483	-1.93
1045.5	5	P05787	R.QLETLGQEK.L QLETLGQEK	2	-0.666	0.026	-0.002	0	23.7	20	344	26	483	-2.2
950.4	7	P05787	R.ISSSSFSR.V IS[166.9984]JSSFSR	2	-0.391	0.013	-0.002	0	26.45	20	344	26	483	-2.2
1344.7	8	P05787	R.ASLAAIAADAEQR.C ASLAAIAADAEQR	2	2.161	3.20E-05	-0.002	0	52.97	21	344	26	483	-1.37
1000.6	9	P05787	R.LQAEIEGLK.G LQAEIEGLK	2	-0.555	0.018	-0.002	0	23.76	19	487	31	483	-1.7
846.35	5	P05787	R.VGSSNFR.G VGS[166.9984]JNFR	2	-0.283	0.009	-0.001	0	25.5	18	411	27	483	-1.36
1079.5	6	P05787	R.QLYEEIE.E QLYEEIE	2	0.344	0.002	-0.002	0	34.7	21	565	32	483	-2.06
1765.8	12	P05787	K.QORASLEAIAADE QRAS[166.9984]JLEAIAADEIQ	3	0.623	0.013	-0.003	1	27.56	21	565	32	483	-1.65
979.45	7	P05787	K.TEISEMNR.N TEISEMNR	2	-0.168	0.007	-0.002	0	27.58	19	565	32	483	-1.93
1424.6	14	P05787	R.ASLAAIAADAEQR.C AS[166.9984]JLEAIAADEQR	2	0.812	8.80E-04	-0.002	0	38.45	20	411	27	483	-1.52
950.4	6	P05787	R.ISSSSFSR.V ISS[166.9984]JSSFSR	2	-0.47	0.016	-0.002	0	25.56	20	565	32	483	-2.09
1320.7	9	P05787	R.SLDMDSIAEVK.A SLDMDSIAEVK	2	2.654	1.20E-05	-8.00E-04	0	56.76	20	467	32	483	-0.62
950.4	6	P05787	R.ISSSSFSR.V ISSS[166.9984]JFSR	2	-0.76	0.003	-0.002	0	22.76	20	470	29	483	-2.3
1619.6	9	P05787	R.AFSSRSYSGPGRS.AFSS[166.9984]JRSY[243.0297]	3	0.236	0.028	-0.003	1	22.29	20	565	32	483	-1.96
1079.5	11	P05787,O956	K.AQVEDIANR.S AQVEDIANR	2	0.684	9.50E-04	-0.002	0	37.2	20	344			-1.46
1402.6	7	P05787,O956	K.AQVEDIANR.S.R AQVEDIANR[166.9984]R	3	0.201	0.03	-0.003	1	24.41	22	470			-2.02
907.4	6	P05787,O956	K.FASFDK.V FAS[166.9984]JFDK	2	-0.405	0.015	-0.001	0	26.26	20	487			-1.1
1153.6	6	P05787,O956	K.EYQELMNVK.L EYQELMNVK	2	-0.497	0.017	-0.002	0	26.39	21	344			-1.95
1345.5	7	P06493,P2494	K.IGEGTYGVVYK.G IGE[181.014]Y[243.0297]GV	2	-0.179	0.007	-0.002	0	27.57	19	28			-1.31
1265.8	8	P06493,P2494	K.IGEGTYGVVYK.G IGE[181.014]YGVVYK	2	1.398	1.90E-04	-0.002	0	44.24	20	44			-1.69
1990.9	12	P06733	K.DATNVGDEGGFAP.DATNVGDEGGFAPNILENK	3	2.179	3.60E-04	-0.003	0	43.19	21	90	2	434	-1.72
1123.5	5	P06744	R.SNTPLVDGK.D SNT[181.014]JPLVDGK	2	-0.531	0.019	-0.002	0	24.98	20	25	3	558	-1.85
1011.4	9	P06748	K.GPSSVEDIK.A GPSS[166.9984]JVEDIK	2	0.557	0.001	-0.002	0	35.93	20	72	8	294	-2.4
3723.2	26	P06748	K.LAAEDDDDDDDDE.LAAEDDDDDDDDEDDDDDDDD	3	1.41	6.30E-06	-0.005	0	54.02	15	72	8	294	-1.3
3460.4	22	P06748	K.CGSGPVHISGQHLV.C [160.0307]JGSGPVHISGQHLV	4	0.046	0.036	-0.005	0	21.27	19	157	11	294	-1.41
2225	5	P06748	K.DELHIVAEAMNVE DELHIVAEAMNVEGS[166.9984	3	0.133	0.034	-0.002	0	23.69	22	157	11	294	-1.11
1568.7	15	P06748	K.VDNDEHEHQLSLR.VDNDEHEHQLSLR	3	0.288	0.025	-0.003	0	24.21	21	158	11	294	-1.02
3460.4	23	P06748	K.CGSGPVHISGQHLV.C [160.0307]JG[166.9984]GPV	4	0.191	0.013	-0.005	0	25.71	19	158	11	294	-1.41
1051.4	4	P07099	R.YLEDGGLER.K YLEDGGLER	2	-0.617	0.02	-0.004	0	24.05	20	24	1	455	-3.95
1038.6	6	P07237	K.DHENIVIAK.M DHENIVIAK	2	-0.933	0.045	-0.002	0	21.03	20	79	4	508	-2.13
1213.5	6	P07237	K.NFEDVAFDEK.K NFEDVAFDEK	2	1.688	1.00E-04	-0.002	0	46.24	19	79	4	508	-1.78
3757.4	22	P07237	K.FLESGQDQDGGD.FLESGQDQDGGDDDDLEEEAE	3	1.41	3.60E-05	-0.005	0	50.79	19	79	4	508	-1.25
1037.5	10	P07237	R.NNFEGETV.K NNFEGETV	2	-0.961	0.046	-0.002	0	19.72	19	58	5	508	-2.03
1787.8	12	P07339	R.DPDAQPGGELMGLG.DPDAQPGGELMGLGTTD	2	1.081	4.20E-04	-0.004	0	42.17	21	42	3	412	-2.53
1908.9	9	P07355	R.AEDGSVIDYELDQJ.AEDGSVIDYELDQJ	2	2.732	1.50E-06	-0.004	0	66.5	21	131	6	339	-2.27
1096.5	6	P07355,A6NM	K.ALLYLCGGDD.- ALLYLC[160.0307]JGGDD	2	1.978	9.50E-06	-0.001	0	56.54	19	131			-1.31
1924.9	10	P07355,A6NM	K.LSLEGDHSTPPSAYC.LSLEGDHSTPPSAYGS[166.9984]	2	-0.618	0.02	-0.005	0	26.18	22	131			-2.44
1244.6	7	P07355,A6NM	R.TNQLQEINR.V TNQLQEINR	2	0.998	5.50E-04	-0.002	0	40.34	20	131			-1.71
1353.7	5	P07355,A6NM	K.DHISDTSDFR.K DHISDTSDFR	2	-0.644	0.023	-0.002	1	24.87	21	197			-1.62
1857.8	8	P07355,A6NM	K.GLGTDESDIIEICF.GLGTDESDI[166.9984]JIEIC[16	2	-0.055	0.006	-0.001	0	30.76	21	197			-0.63
1924.9	16	P07355,A6NM	K.LSLEGDHSTPPSAYC.LSLEGDHSTPPSAYGS[166.9984]	2	-0.992	0.049	-0.005	0	22.3	22	119			-2.44
1225.9	6	P07355,A6NM	K.DHISDTSDFR.K DHISDTSDFR	2	-0.235	0.009	-0.002	0	28.87	21	119			-2.07
2125.9	6	P07814	K.EYIPGQPPLSQSSD.EYIPGQPPLSQSSDSS[166.9984]	2	-0.366	0.012	-0.005	0	27.7	21	63	10	1512	-2.38
2205.9	13	P07814	K.EYIPGQPPLSQSSD.EYIPGQPPLSQSS[166.9984]DSS	2	-0.9	0.043	-0.006	0	21.26	20	65	7	1512	-2.67
3449.6	19	P07814	K.EYIPGQPPLSQSSD.EYIPGQPPLSQSSDSSPT181.01	3	0.618	0.012	-0.007	1	26.51	20	65	7	1512	-2.11
3529.5	22	P07814	K.EYIPGQPPLSQSSD.EYIPGQPPLS[166.9984]QS[166	3	0.648	0.012	-0.005	1	26.81	20	65	7	1512	-1.39
2205.9	10	P07814	K.EYIPGQPPLSQSSD.EYIPGQPPLSQSSDSS[166.9984]	2	-0.851	0.038	-0.006	0	21.82	20	48	8	1512	-2.67

1600.7	7	P08621	R.YDERPGSPPLHR.L YDERPGSP[166.9984]PLPHR	3	1.41	2.60E-04	-0.003	1	44	21	52	2	437	-1.97
3980.6	29	P08621	K.EELRGGGGDMAEP EELRGGGGDMAEPS[166.9984]I	3	1.668	4.70E-04	-4.00E-04	1	40.47	20	87	5	437	-0.1
2062.9	12	P08648	R.LESSLSSSEGEPEV LLESSLSS[166.9984]SEGEPEV	2	2.847	1.60E-06	-0.005	0	59.76	21	60	1	1049	-2.35
1495.6	9	P08651	K.SPFNSPSPQDSR.L SPFNPS[166.9984]PQDSR	2	0.159	0.004	-0.001	0	31.95	20	32	1	508	-0.74
1495.6	10	P08651	K.SPFNSPSPQDSR.L SPFNPS[166.9984]PR	2	-0.239	0.009	-0.006	0	26.9	19	51	2	508	-4.02
1836.5	5	P08670	R.DGQVNETSQHHD DGQVNETSQHHDLE	2	-0.936	0.044	-0.005	0	22	21	82	14	466	-2.55
1323.6	6	P08670	R.EEAENTLQSF.R Q EEAENTLQSF.R	2	0.308	0.002	-0.002	0	34.44	21	82	14	466	-1.74
1508.7	9	P08670	R.SLYASSPGVYATR.S SLYASS[166.9984]PGVYATR	2	-0.173	0.008	-0.003	0	28.63	20	82	14	466	-2.11
1916.8	13	P08670	R.DGQVNETSQHHD DGQVNETSQHHD	2	0.602	0.001	-0.005	0	36.35	20	83	16	466	-2.67
1570.7	9	P08670	R.QVQSLTCEVDALK.I QVQS[166.9984]LTC[160.0307	2	2.241	2.70E-05	-0.003	0	53.27	20	140	15	466	-1.75
1186.6	8	P08729	K.QEELEAALQR.Q QEELEAALQR	2	1.513	1.60E-04	-0.002	0	45.49	20	90	3	469	-1.77
1197.5	8	P08729	R.SMQDQVVEDFK.N SMQDQVVEDFK	2	2.269	2.60E-05	-0.002	0	54.05	21	90	3	469	-1.52
1014.5	7	P08729	R.LDADPSLQR.V LDADPSLQR	2	-0.197	0.008	-0.002	0	26.39	18	90	3	469	-2.5
992.45	6	P08729	R.NEISEMNR.A NEISEMNR	2	-0.438	0.014	-0.002	0	24.93	19	104	5	469	-1.75
1242.6	10	P08729	R.GQLEALQVDGGR.L GQLEALQVDGGR	2	2.241	4.20E-06	-0.002	0	60.6	19	154	5	469	-1.68
1138.5	5	P09496	R.LQSEPIR.K LQS[166.9984]EPESIR	2	-0.953	0.044	-0.002	0	18.83	18	19	1	248	-1.72
1366.6	8	P09525	R.QDAQDLYEAGE.K QDAQDLYEAGEK	2	-0.351	0.012	-0.003	0	26.85	20	27	2	219	-2.41
1263.6	10	P09601	K.DQSPSRAPGLR.Q DQS[166.9984]PSRAPGLR	2	-0.508	0.017	-0.002	1	36.18	21	39	2	288	-1.68
1774.7	11	P09651	R.NQGGYGGSSSSSS.Y NQGGYGGSSSSSS[166.9984]YG	2	0.51	0.002	-0.004	0	23.46	18	194	11	372	-1.99
1774.7	11	P09651	R.NQGGYGGSSSSSS.Y NQGGYGGSSSSSS[166.9984]YV	2	1.423	2.10E-04	-0.004	0	42.59	18	194	11	372	-2.1
1694.7	11	P09651	R.NQGGYGGSSSSSS.Y NQGGYGGSSSSSS[166.9984]YR	2	2.732	7.60E-09	-0.003	0	88.56	20	194	11	372	-1.65
1774.7	10	P09651	R.NQGGYGGSSSSSS.Y NQGGYGGSSSSSS[166.9984]YS	2	1.292	2.90E-04	-0.003	0	41.28	18	194	11	372	-1.82
1379.6	8	P09651	K.SESPKEPEQLR.K SES[166.9984]PKEPEQLR	2	0.014	0.005	-0.003	1	31.47	21	85	6	372	-2.04
1774.7	11	P09651	R.NQGGYGGSSSSSS.Y NQGGYGGSSSSSS[166.9984]YS	2	1.621	1.40E-04	-0.003	0	44.54	18	85	6	372	-1.82
1165.9	9	P09651_P2262	K.EDTEEHLR.D EDTEEHLR	3	0.212	0.029	-0.002	0	22.47	20	142	2	142	-1.99
1049.5	4	P09651_Q32P1	R.DYFEQYK.I DYFEQYK	2	-0.225	0.009	-0.002	0	26.11	18	194	3	142	-1.76
2489.2	10	PC0W22_P087	R.DNYPVPSALDQEI.DNYPVPSALDQEI	2	2.76	3.00E-06	-0.004	0	62.64	20	63	2	193	-1.43
3316.2	7	POD193	R.ELVGDTSQEGDHI.ELVGDTSQEGDHI	3	0.756	0.009	-0.009	0	26.96	19	27	3	91	-2.61
3316.2	22	POD193	R.ELVGDTSQEGDHI.ELVGDTSQEGDHI	3	1.472	1.70E-05	-0.009	0	53.99	19	54	1	91	-2.61
1549.7	17	P10075	R.SPGSQAPDEGAGG.S[166.9984]PGSQAPDEGAGGA	2	-0.599	0.021	-0.004	0	24.32	20	24	2	376	-2.79
1984	9	P10412	M.SETAPAAPAAPAP.S[166.9984]SETAPAAPAPAKET[181.014	2	1.376	2.10E-04	-0.005	1	44.12	20	81	4	219	-2.9
1107.6	9	P10412_P164C	K.ALAAGYDVEK.N ALAAGYDVEK	2	0.641	0.001	-0.002	0	37.77	21	81	3	219	-2.2
1934.9	12	P10451	K.AIPVAQDLNAPSDV.AIPVAQDLNAPSDV	2	2.732	6.20E-06	-0.004	0	60.54	21	76	3	314	-1.8
1467.6	13	P10451	R.ISHELDSASSEVN.-I ISHELDSAS[166.9984]SEVN	2	0.387	0.002	-0.002	0	33.23	19	76	3	314	-1.62
1850.15	15	P10451	K.FRISHELDSASSEVN.FRIS[166.9984]HELDSAS[166.9	2	-0.887	0.039	-0.004	1	20.44	19	59	4	314	-2.4
1850.13	13	P10451	K.FRISHELDSASSEVN.FRIS[166.9984]HELDSAS[166.998	2	-0.562	0.019	-0.004	1	23.64	19	78	5	314	-2.4
1467.6	9	P10451	R.ISHELDSASSEVN.-I ISHELDSAS[166.9984]ASSEVN	2	-0.637	0.022	-0.002	0	22.92	19	34	3	314	-1.22
3048.4	11	P10451	K.QNLLAPQNAVSS.EE QNLLAPQNAV[166.9984]SEET	3	0.427	0.018	-0.007	1	25.67	21	79	4	314	-2.24
3831.5	14	P10588	R.AAEDDSASPPGAAS.AAEDDSAS[166.9984]PPGAAS[3	3	1.41	3.40E-05	-0.011	1	51.09	19	51	3	404	-2.84
3751.17	17	P10588	R.AAEDDSASPPGAAS.AAEDDSAS[166.9984]PPGAAS[3	3	1.544	1.80E-06	9.00E-04	1	64.19	19	61	3	404	0.23
3751.5	28	P10588	R.AAEDDSASPPGAAS.AAEDDSAS[166.9984]PPGAAS[3	3	1.394	2.50E-04	9.00E-04	1	42.66	19	69	2	404	0.23
2057	17	P10644	R.TSDREDEISPPPPV.TSDREDEIS[166.9984]PPPPV	2	0.155	0.004	-0.005	1	32.86	21	38	2	381	-2.47
2578.1	6	P11166	R.OGGASQDKTPEEL.OGGASQ[166.9984]QDKTPEEL	2	-0.766	0.034	-0.003	1	23.65	21	24	2	492	-1.25
2578.1	6	P11166	R.OGGASQDKTPEEL.OGGASQ[166.9984]DKTPEEL	2	-0.75	0.033	-0.003	1	23.79	21	24	4	492	-1.25
1500.9	9	P11169	K.DGVMMENSIPEAK.DGVMMENSI[166.9984]PEAK	2	0.218	0.003	-0.002	0	32.54	20	33	1	492	-1.32
2772.2	12	P11387	K.ENGFSPPQKDEP.ENGFS[166.9984]PQKDEPEI	3	0.07	0.043	1.00E-04	1	23.03	21	22	1	765	0.02
1742.6	8	P11388	K.VPDEEENESDNEK.VPDEEENES[166.9984]DNEK	2	1.978	1.20E-05	-0.002	0	53.65	17	326	16	1531	-1.03
1124.9	11	P11388	K.NENTEGSPQEDVJ.NENTEGS[166.9984]QEDGVEL	3	2.572	2.50E-06	-0.004	0	64.33	21	326	16	1531	-1.67
2229.9	10	P11388	K.VPDEEENESDNEK.VPDEEENES[166.9984]DNEK	3	1.265	0.003	-0.003	1	32.05	19	326	16	1531	-1.44
1356.6	18	P11388	K.SVVSLEADDDVK.K SVVS[166.9984]DLEADDVK	2	1.978	9.70E-06	-0.002	0	58.13	21	326	16	1531	-1.5
1308.6	7	P11388	K.TQMAEVLPSR.G TQMAEVLPS[166.9984]PR	2	1.609	1.20E-04	-0.002	0	47.45	21	326	16	1531	-1.33
2366.1	17	P11388	K.IKNTENGSPQEDG.IKNTENG[166.9984]QEDGV	3	1.447	0.002	-0.004	1	36.87	22	326	16	1531	-1.85
1699.7	15	P11388	K.TDDEDFVPSDAPF.TDDEDFVPSDAS[166.9984]PK	2	1.122	4.30E-04	-0.004	0	41.58	20	326	16	1531	-2.4
2326.9	15	P11388	K.EAQKVPDEEENE.EAQKVPDEEENES[166.9984]E	3	0.362	0.023	-0.005	1	22.98	19	367	14	1531	-1.31
1356.6	8	P11388	K.SVVSLEADDDVK.K SVVS[166.9984]VSDLEADDVK	2	2.402	2.00E-05	-0.002	0	54.33	20	367	14	1531	-1.57
1454.16	21	P11388	K.VLEEDDLDL.F VLEES[166.9984]DDEDLDF	3	-0.317	0.01	-0.001	0	24.09	17	348	16	1531	-0.73
2784.3	21	P11388	K.GVPLSSSPPATHF.GVPLSS[166.9984]SPPATHFPL	3	-0.003	0.047	-0.005	0	21.31	21	385	15	1531	-1.79
3283.4	30	P11474	K.AEPASDPSPKGSSE.AEPAS[166.9984]PDS[166.9984]	3	0.258	0.03	-0.008	1	22.98	20	43	3	423	-2.5
3203.4	19	P11474	K.AEPASDPSPKGSSE.AEPASDPS[166.9984]PKGS[166	3	1.12	0.004	-0.008	1	32.6	21	43	3	423	-2.49
3203.4	11	P11474	K.AEPASDPSPKGSSE.AEPASDPSPKGSSE[181.014]ET	3	0.94	0.006	-0.008	1	30.75	21	37	2	423	-2.49
3283.4	18	P11474	K.AEPASDPSPKGSSE.AEPASDPSPKGS[166.9984]S[16	3	0.498	0.018	-0.008	1	25.33	20	37	2	423	-2.5
3203.4	10	P11474	K.AEPASDPSPKGSSE.AEPASDPSPKGS[166.9984]ET	3	1.655	9.50E-04	-0.008	1	38.43	21	37	2	423	-2.49
3203.4	11	P11474	K.AEPASDPSPKGSSE.AEPAS[166.9984]PDS[166.9984]	3	1.668	2.10E-04	-0.008	1	44.94	21	52	2	423	-2.49
2577.2	12	P11717	K.ALSLHGDQDDEE.ALSLHGDQDDE[166.9984]EDE	2	1.814	8.70E-05	-0.006	0	48.5	20	54	8	2491	-2.47
1834.8	13	P11717	K.LVSFHDDSDLEDLH.LVSFHDD[166.9984]EDLH	3	0.499	0.015	-0.002	0	26.35	21	115	12	2491	-1.31
2657.1	6	P11717	K.ALSLHGDQDDEE.ALS[166.9984]S[166.9984]LHG	3	0.233	0.031	-0.006	0	22.73	20	28	5	2491	-2.29
1722.8	9	P12270	K.EGVQPLNVLSLEE.EGVQPLNV[166.9984]LSEE	2	1.058	4.70E-04	-0.003	0	41.94	21	55	4	2363	-1.72
2389.1	10	P12931	R.SLEPAENVHAGGG.S[166.9984]LEPAENVHAGGG	2	0.357	0.002	-0.005	0	34.83	21	40	3	536	-1.96
2243	7	P13010	K.DQVTAQEIFDNH.DQVTAQEIFDNHEDGPTAK	3	0.197	0.03	-0.004	0	23.37	21	23	2	732	-2.2
2622.1	28	P13051	K.KAPAQEEPTGPPS.KAPAQEEPTGPPS[166.9984]S	3	1.005	0.005	-0.006	1	30.39	20	30	1	313	-2.25
1430.6	6	P13073	K.SDFSLPAYMDR.R SDFSLPAYMDR	2	0.618	0.001	-0.002	0	36.44	20	36	1	169	-1.71
2116.9	10	P13611	R.QEIESETTSEEQI.QEIESETTS[166.9984]EEQI	3	1.978	4.80E-05	-0.005	0	50.02	19	74	8	3396	-2.41
1794.8	8	P13611	R.MSDLSVGHPIDE.MSDLSVGHPIDES[166.9984]I	3	1.246	0.003	-0.003	0	32.86	20	74	8	3396	-1.7
1794.8	8	P13611	R.MSDLSVGHPIDE.MSDLSVGHPIDES[166.9984]S	3	0.98	0.006	-0.003	0	30.14	20	100	7	3396	-1.7
2939.3	17	P13611	R.QEVNVRQIESET.QEVNVRQIESETTS[166.9984]I	3	0.415	0.02	-0.007	1	24.49	20	100	7	3396	-2.38
2591	9	P13861	R.RVSVCAETYPDEE.RVSV[166.9984]VC[160.0307]A	2	1.011	4.60E-04	-0.004	1	40.47	20	84	7	404	-1.51
2633.1	15	P13861	R.VADAKGDESEED.VADAKGDS[166.9984]ES[166.9	3	0.155	0.033	-0.005	1	21.95	20	84	7	404	-1.75
2148.6	6	P13861	K.GDSEEDLEVP.GDS[166.9984]ES[166.9984]EE	2	0.045	0.005	-0.006	0	27.76	17	99	8	404	-2.68
2591	9	P13861	R.RVSVCAETYPDEE.RVSV[160.0307]AET[181.014]I	3	1.257	0.003	-0.006	1	32.92	20	78	8	404	-2.17
2553.1	20	P13861	R.VADAKGDESEED.VADAKGDS[166.9984]EDED	3	0.686	0.011	-0.006	1	27.29	20	115	7	404	-2.3
2553.1	19	P13861	R.VADAKGDESEED.VADAKGDS[166.9984]EDED	3	0.727	0.01	-0.006	1	27.27	20	84	7	404	-2

4587.2	45	P16989	K.SPVGSGAPQAAAP.S[166.9984]PVGSGAPQAAAPAI 4	0.246	0.012	-0.01	1	24.72	18	114	8	372	-2.22
2689.9	25	P16989	R.NYAGEEEEEEGSSSI NYAGEEEEEEGSS[166.9984]S[1 3	0.178	0.035	-0.005	0	19.13	17	86	7	372	-2.03
4587.2	15	P16989	K.SPVGSGAPQAAAP.SPVGSG[166.9984]GAPQAAAPAI 4	0.191	0.004	-0.01	1	29.36	18	103	8	372	-2.22
2610	24	P16989	R.NYAGEEEEEEGSSSI NYAGEEEEEEGSS[166.9984]GSSE 2	1.624	1.20E-04	-0.004	0	45.5	19	103	8	372	-1.59
2689.9	10	P16989	R.NYAGEEEEEEGSSSI NY[243.0297]AGEEEEEEGSS[1 3	0.196	0.033	-0.005	0	19.39	17	85	8	372	-2.03
4459.1	34	P16989	K.SPVGSGAPQAAAP.SPVGSGAPQAAAPAAHVA 4	0.15	0.001	-0.012	0	35.34	18	103	7	372	-2.67
3801.7	8	P17010,P0804	K.ADPGEDDLGGTV ADPGEEDDLGGTVDIVES[166.998 3	0.401	0.022	-0.003	0	24.37	20	24	0	0	-0.7
1409.6	9	P17029	R.EATGLSPQAQAEK.I.EATGLS[166.9984]PQAQAEK 2	0.901	7.00E-04	-0.003	0	40.4	21	40	1	563	-1.9
1898.6	11	P17096	K.EEEEGISQESSEEQ.EEEEGISQES[166.9984]S[166.9 2	0.442	0.002	-0.004	0	28.78	14	64	2	107	-1.98
1818.6	13	P17096	K.EEEEGISQESSEEQ.EEEEGISQES[166.9984]EEEQ 2	1.978	2.50E-05	-0.005	0	50	16	64	2	107	-2.77
1818.6	14	P17096	K.EEEEGISQESSEEQ.EEEEGIS[166.9984]QESSEEQ 2	0.255	0.003	-0.005	0	28.91	16	77	3	107	-2.77
1818.6	12	P17096	K.EEEEGISQESSEEQ.EEEEGISQES[166.9984]SEEQ 2	1.127	4.40E-04	-0.005	0	37.49	16	43	2	107	-2.77
2201.9	20	P17275	R.SRDATPPVSPINME.SRDAT[181.014]PPVS[166.998 3	0.828	0.008	-0.004	1	27.68	19	43	5	347	-1.94
2121.9	20	P17275	R.SRDATPPVSPINME.S[166.9984]RDATPPVSPINMED 3	0.07	0.046	-0.004	1	21.1	20	64	5	347	-2.1
2121.9	9	P17275	R.SRDATPPVSPINME.SRDAT[181.014]PPVSPPINMED 3	1.58	0.001	-0.004	1	36.14	20	73	4	347	-2.1
3243.3	10	P17535	K.DEPQTPVDPVPSFGE.DEPQTPVDPVPSFGE[166.9984] 3	0.75	0.008	-0.006	0	26.9	19	35	3	347	-1.96
3739.7	20	P17535	R.LAALKDEPQTPVDPV.LAALKDEPQTPVDPVPSFGE[166. 3	1.376	0.002	-0.006	1	34.11	20	44	5	347	-1.68
3163.4	13	P17535	K.DEPQTPVDPVPSFGE.DEPQTPVDPVPS[166.9984]FGE 3	0.076	0.039	-0.004	0	21.11	20	44	5	347	-1.25
994.46	9	P17535,P0541	K.LASPELER.L.LAS[166.9984]PELER 2	-0.263	0.009	-0.002	0	26.73	19	35	0	0	-1.87
1536.6	15	P17706	K.EDLSPAFDHPNK.I.EDLSPAFDHS[166.9984]PNK 2	-0.822	0.038	-0.002	0	22.07	20	22	3	415	-1.24
1516.6	8	P17812	R.SGSSSPDSEITELK.F.SGSS[166.9984]PDSEITELK 2	0.283	0.003	-0.003	0	32.19	19	32	4	591	-1.99
1596.6	10	P17812	R.SGSSSPDSEITELK.F.SGSS[166.9984]PD 2	-0.671	0.023	-0.002	0	21.51	18	31	4	591	-1.59
2131.8	17	P17936	K.VDYESQSTDTQNFSS.VDYESQSTDTQNFSS[166.9984]S 2	1.978	8.30E-06	-0.007	0	57.25	19	57	1	291	-3.11
2131.8	16	P17936	K.VDYESQSTDTQNFSS.VDYESQSTDTQNFSS[166.9984] 2	1.464	1.80E-04	-0.007	0	44	19	44	3	291	-3.11
2287.9	16	P17936	K.VDYESQSTDTQNFSS.VDYESQSTDTQNFSS[166.9984]S 2	-0.669	0.025	-0.008	1	23.62	20	24	2	291	-3.65
2302	16	P18031	K.GSPLNAAPYGIEM.S[166.9984]PLNAAPYGIEMSS 3	1.41	0.001	-0.004	0	37.29	21	74	2	435	-1.73
1101.5	8	P18077	R.DETEFYLGK.R.DETEFYLGK 2	-0.697	0.027	-0.002	0	23.39	20	23	1	110	-1.79
1550.6	12	P18206	R.DPSASPGDAGEQA.DPSAS[166.9984]PGDAGEQAIR 2	1.978	2.70E-07	-0.003	0	72.73	20	73	1	1134	-2.22
1452.7	11	P18583	K.ESDQTLAALLSP.E.SDQTLAALLS[166.9984]PK 2	2.732	4.30E-06	-0.002	0	62.41	21	175	5	2426	-1.19
2425	12	P18583	K.EMEHNTVCAAGTS.EMEHNTV[160.0307]AAGT[18 2	2.44	1.80E-05	-0.005	0	55.76	21	175	5	2426	-2.27
2425	13	P18583	K.EMEHNTVCAAGTS.EMEHNTV[160.0307]AAGT[1 2	2.703	9.80E-06	-0.005	0	58.39	21	175	5	2426	-2.27
1052.4	7	P18583	R.SFSPVPR.L.SFSPVPR[166.9984]PVF 2	-0.918	0.048	-0.002	0	20.08	19	114	7	2426	-1.84
1769.8	10	P18583	R.CVSVQTDPTDPTI.C[160.0307]V[166.9984]VQTI 2	0.083	0.004	-0.004	0	32.12	21	160	10	2426	-2.23
1397.6	9	P18583	R.SAASPVVSSMPER.SAAS[166.9984]PVVSSMPER 2	0.44	0.002	-0.003	0	34.69	20	160	10	2426	-2.24
972.46	6	P18583	R.SFSPVPR.L.SFSPVPR[166.9984]PVR 2	-0.05	0.006	-0.002	0	30.72	21	218	8	2426	-1.77
1871.8	9	P18583	K.SHDDGNDI.DSLEF.SHDDGNDI.DSLES[166.9984]FU 3	1.374	0.002	-0.003	0	34.41	20	218	8	2426	-1.38
2143	17	P18615	K.RLSLSEQVMDTATF.RLSL[166.9984]EQVMDTATAT 3	0.496	0.016	-0.004	1	26.32	21	78	4	380	-1.76
2143	13	P18615	K.RLSLSEQVMDTATF.RS[166.9984]LSEQVMDTATAT 3	2.281	2.60E-04	-0.004	1	44.14	21	44	3	380	-1.76
1502.6	8	P18615	R.SISADDDLQESSR.R.SIS[166.9984]ADDDLQESSR 2	1.982	7.30E-07	-0.003	0	67.34	18	78	4	380	-1.94
1612.7	9	P18858	K.EWNGVVSSEDS.PV.EWNGVVSSEDS[166.9984]PVK 2	0.199	0.003	-0.003	0	32.35	20	194	12	919	-2.08
1839.8	11	P18858	R.VLGSSEEEDEALS.VLGS[166.9984]EEDEEDALS 2	1.576	1.30E-04	-0.003	0	48.12	22	194	12	919	-1.64
1754.8	11	P18858	K.AETPTSEVSEPVAT.AET[181.014]PTSEVSEPVATK 2	0.588	0.002	-0.005	0	36.24	20	194	12	919	-2.71
1919.8	10	P18858	R.VLGSSEEEDEALS.VLGS[166.9984]EEDEEDALS[1 2	2.732	7.50E-06	-0.005	0	58.59	20	194	12	919	-2.42
1839.8	8	P18858	R.VLGSSEEEDEALS.VLGSSEEEDEALS[166.9984]PA 2	1.634	1.20E-04	-0.009	0	47.7	21	194	12	919	-4.74
1754.8	10	P18858	K.AETPTSEVSEPVAT.AET[181.014]ESVSEPVATK 2	-0.277	0.011	-0.005	0	27.54	20	99	10	919	-2.71
1612.7	7	P18858	K.EWNGVVSSEDS.PV.EWNGVVSSEDS[166.9984]DSPVK 2	0.839	7.70E-04	-0.003	0	38.68	20	174	11	919	-2.08
4336.4	20	P19174	K.IYSEETSDQNGE.IY[243.0297]SEET[181.014]S[ 4	0.246	0.015	-0.018	1	18.17	13	18	3	1290	4.08
4526.5	23	P19338	K.AAAAAPASEDEDD.AAAAAPASEDEDEDEDEDDI 4	0.038	8.30E-05	-0.01	0	42.86	15	225	20	710	-2.24
3473.2	23	P19338	K.EVEEDSEDEEMSED.EVEEDSEDEEMSEDEEDDS[166. 3	1.41	9.30E-04	-0.008	0	33.95	16	225	20	710	-2.29
4606.5	31	P19338	K.AAAAAPASEDEDD.AAAAAPAS[166.9984]EDEDDEI 4	0.038	3.70E-04	-0.009	0	35.1	13	225	20	710	-1.99
3393.3	17	P19338	K.EVEEDSEDEEMSED.EVEEDSEDEEMSEDEEDDS[166 3	0.52	0.015	-0.008	0	23.6	18	225	20	710	-2.34
1641.6	17	P19338	K.GFGVDFNSEDAK.GFGVDFNS[166.9984]EEDAK 2	1.148	3.50E-04	-0.002	0	40.84	19	225	20	710	-1.5
4199.4	18	P19338	K.KEDSDEEEDDSE.KEDS[166.9984]DEEEDDSEED 4	0.038	1.20E-04	-0.01	1	41.37	15	225	20	710	-2.46
4279.4	20	P19338	K.KEDSDEEEDDSE.KEDS[166.9984]DEEEDDSEED[16 4	0.038	0.001	-0.01	1	30.35	14	225	20	710	-2.31
3521.4	18	P19338	K.EVEEDSEDEEMSED.EVEEDSEDEEMSEDEEDDS[166 3	1.41	5.00E-05	-0.007	1	49.69	19	225	20	710	-1.99
3553.2	12	P19338	K.EVEEDSEDEEMSED.EVEEDS[166.9984]DEEEMS[16 3	1.28	0.002	-0.007	0	27.15	14	137	17	710	-1.97
3681.3	14	P19338	K.EVEEDSEDEEMSED.EVEEDS[166.9984]DEEEMSEDE 3	1.109	0.004	-0.007	1	28.44	17	137	17	710	-1.89
3761.3	25	P19338	K.EVEEDSEDEEMSED.EVEEDS[166.9984]DEEEMS[16 3	0.578	0.013	-0.006	1	22.11	16	165	19	710	-1.67
3601.3	17	P19338	K.EVEEDSEDEEMSED.EVEEDSEDEEMSEDEEDDS[166. 3	0.137	0.034	-0.009	1	20.72	19	137	17	710	-2.42
3601.3	19	P19338	K.EVEEDSEDEEMSED.EVEEDS[166.9984]DEEEMS[16 3	0.918	0.006	-0.009	1	28.51	19	165	19	710	-2.42
1474.7	13	P19338	R.LELQGRGSPNAR.LELQGRGS[166.9984]PNAR 2	-0.853	0.035	-0.003	1	22.73	21	165	19	710	-1.75
3681.3	19	P19338	K.EVEEDSEDEEMSED.EVEEDS[166.9984]DEEEMS[16 3	0.767	0.01	-0.007	1	25	17	165	19	710	-1.89
4199.4	15	P19338	K.KEDSDEEEDDSE.KEDSDEEEDDS[166.9984]EED 4	0.191	0.001	-0.01	1	31.13	15	165	19	710	-2.46
937.51	6	P19338	K.KVVVSPTK.K.KVVVS[166.9984]PTK 2	0.147	0.004	-8.00E-04	1	31.8	20	137	17	710	-0.86
3521.4	17	P19338	K.EVEEDSEDEEMSED.EVEEDSEDEEMSEDEEDDS[166. 3	1.655	4.60E-06	-0.009	1	60.08	19	279	25	710	-1.99
3633.2	5	P19338	K.EVEEDSEDEEMSED.EVEEDS[166.9984]DEEEMS[16 3	0.368	0.02	-0.009	0	17.03	13	279	25	710	-2.4
5278.7	28	P19338	K.NVAEDEEEEDDEE.NVAEDEEEDEDEDEDDDDI 4	-0.068	0.046	-0.005	0	13.97	13	279	25	710	-1.03
937.51	7	P19338	K.KVVVSPTK.K.KVVVSPT[181.014]K 2	-0.455	0.015	-8.00E-04	1	25.74	20	279	25	710	-0.86
3601.3	15	P19338	K.EVEEDSEDEEMSED.EVEEDSEDEEMSEDEEDDS[166. 3	1.394	4.30E-04	-0.009	1	39.66	19	227	24	710	-2.42
3473.2	23	P19338	K.EVEEDSEDEEMSED.EVEEDSEDEEMSEDEEDDS[166. 3	1.074	0.004	-0.008	0	27.17	16	227	24	710	-2.29
3601.3	15	P19338	K.EVEEDSEDEEMSED.EVEEDSEDEEMSEDEEDDS[166. 3	0.1	0.037	-0.009	1	20.34	19	232	15	710	-2.42
3681.3	15	P19338	K.EVEEDSEDEEMSED.EVEEDS[166.9984]DEEEMS[16 3	1.374	0.002	-0.007	1	31.9	17	232	15	710	-1.89
1178.6	5	P19338	K.EVFEDAAEIR.L.EVFEDAAEIR 2	-0.548	0.019	-0.002	0	24.78	20	165	19	710	-1.67
3553.2	19	P19338	K.EVEEDSEDEEMSED.EVEEDS[166.9984]DEEEMS[16 3	1.394	0.002	-0.007	0	29.4	14	227	24	710	-1.97
2241	6	P19404	R.DTPENNDPDTFDT.DTPENNDPDTFDTFDTFDTFDT 2	-0.85	0.039	-0.002	0	22.79	21	23	2	249	-0.65
2445	12	P19634	K.ETSSPGTDDVFTPA.ETSSPGTDDVFTPAPS[166.99 2	2.732	4.20E-06	-0.005	0	61.62	20	118	5	815	-1.91
1269.6	9	P19634	R.IGSDPLAYEPEK.E.IGSD[166.9984]DPLAYEPEK 2	1.978	1.10E-05	-0.002	0	56.73	20	118	5	815	-1.6
2445	14	P19634	K.ETSSPGTDDVFTPA.ETSSPGTDDVFTPAPS[166.99 2	1.233	0.003	-0.005	0	32.73	20	118	5	815	-1.99
2445	22	P19634	K.ETSSPGTDDVFTPA.ETSSPGTDDVFTPAPS[166.9984 3	1.571	0.002	-0.005	0	36.06	20	120	7	815	-1.99
2274	18	P19634	R.CLSDPGHPPEGPEG.[160.0307]L[166.9984]DPGF 3	0.671	0.012	-0.004	0	27.04	20	152	6	815	-1.77
986.4	5	P19634	K.LDSPTMSR.A.LDS[166.9984]PTMSR 2	-0.02	0.006	-0.002	0	28.19	18	170	7	815	-1.48
2616.1	23	P20020	R.IEDSEPHIPLIDDD.IEDS[166.9984]EPHIPLIDDD 3	2.572	7.70E-06	-0.005	0	58.89	20	131	5	1258	-1.85
2696.1	12	P20020	R.IEDSEPHIPLIDDD.IEDS[166.9984]EPHIPLIDDD[18 3	1.41	7								

2356.1	7	P23588	K.TISLDFLAEDGGTC TIS[166.9984]LDFLAEDGGTGC	-0.295	0.011	-0.006	0	28.36	21	76	3	611	-2.68
2352.8	16	P24534	K.DDDDDILFGSDDEE DDDDDILFGS[166.9984]DDEE	1.978	1.20E-05	-0.005	0	53.41	17	94	4	225	-1.98
4104.6	37	P24534	K.YGPADVEDTTGSG YGPADVEDTTGSGATDSKDDDDI	0.038	6.20E-06	-0.009	1	58.13	19	94	4	225	-2.19
1024.5	5	P24752	K.DGLTDDVYK.I DGLTDDVYK	-0.813	0.036	-0.002	0	23.09	21	23	1	427	-2.21
1606.7	9	P24928	K.YSPSTPYSPPTPK.Y YSPSTPY[166.9984]PYSPPTPK	-0.781	0.029	-0.004	0	23.55	21	24	6	1970	-2.21
1672.7	10	P24928,P2492	K.YSPSTPYSPPTPK.Y YSPSTPY[243.0297]SPTS[166.1	-0.774	0.03	-0.003	0	22.57	20	34	4	204	-1.8
1672.7	15	P24928,P2492	K.YSPSTPYSPPTPK.Y YSPSTPY[243.0297]SPTS[166.9984]PT	-0.622	0.022	-0.003	0	24	20	24	4	204	-1.8
2882.1	11	P25205	K.DGDSYDPYFSDTE DGDSYDPYFDS[166.9984]DTEE	1.41	4.60E-04	-0.006	0	41.05	20	68	3	808	-2.21
2882.1	16	P25205	K.DGDSYDPYFSDTE DGDSYDPYFDS[166.9984]DTEE	1.167	0.004	-0.005	0	32.07	20	68	3	808	-1.86
2962.1	14	P25205	K.DGDSYDPYFSDTE DGDSYDPYFDS[166.9984]DTEE	1.41	0.002	-0.007	0	34.26	19	68	3	808	-2.22
2962.1	14	P25205	K.DGDSYDPYFSDTE DGDSYDPYFDS[166.9984]DTEE	1.227	0.003	-0.007	0	31.62	19	57	4	808	-2.22
2882.1	10	P25205	K.DGDSYDPYFSDTE DGDSYDPYFSDT[181.014]EEE	1.348	0.002	-0.005	0	33.83	20	60	5	808	-1.86
2962.1	13	P25205	K.DGDSYDPYFSDTE DGDSYDPYFSDT[181.014]EEE	1.374	0.002	-0.007	0	34.55	19	56	5	808	-2.22
2734.3	18	P25440	K.ADTTPTTALAPC ADTTPTTALAPGS[166.9984]	0.052	0.043	-0.006	0	20.86	20	21	4	801	-2.04
2974.4	10	P25445	K.ENQGSHESTLNPE ENQGSHESTP[181.014]LNPEV	0.972	0.005	-0.003	0	30.12	20	31	1	335	-1.01
2974.4	22	P25445	K.ENQGSHESTLNPE ENQGS[166.9984]HESPTLNPE	1.001	0.005	-0.003	0	30.34	20	30	1	335	-1.01
3275.4	19	P25490	K.DIDHETVVEEQIGE DIDHETVVEEQIGENS[166.9984]	0.605	0.012	-0.005	0	26.41	20	43	2	414	-1.63
1735.6	13	P25788	K.ESLKEEDESDDNN ESLKEEDES[166.9984]DDNNM	1.077	4.60E-04	-0.004	1	37.13	16	37	1	255	-2.18
1620.6	9	P26006	K.SQPSETERLTDY.- SQPS[166.9984]ETERLTDY	1.041	4.20E-04	-0.003	1	40.77	20	41	3	1051	-2.03
1620.6	9	P26006	K.SQPSETERLTDY.- SQPS[166.9984]ETERLTDY	1.244	2.60E-04	-0.003	1	42.83	20	43	2	1051	-2.03
1769.7	8	P26045	K.GSLAPQDSSEVSC GSLAPQDS[166.9984]DSEVSQ	0.057	0.004	-0.004	0	30.88	20	31	1	913	-2.07
2224.8	6	P26358	K.EADDDEEVDDNPE EADDDEEVDDNPEMPS[166.99	0.859	6.50E-04	-0.006	0	38.95	20	67	6	1616	-2.62
2352.9	14	P26358	K.EADDDEEVDDNPE EADDDEEVDDNPEMPS[166.99	1.988	5.20E-04	-0.005	1	40.28	20	67	6	1616	-1.94
3743.6	22	P26374	R.DSSGSRSSVGNLPS DSSGSRSSV[243.0297]NGLPSN	-0.098	0.049	0.013	1	20.81	20	21	1	656	3.37
2535	12	P27348	R.DNLLTWTSDSAGEE DNLLTWT[181.014]SDSAGEEC	0.605	0.011	-0.005	0	25.45	19	78	4	245	-1.81
2455	20	P27348	R.DNLLTWTSDSAGEE DNLLTWTSDSAGEEC[160.0307]	0.16	0.035	-0.005	0	22	20	78	4	245	-2.14
2535	14	P27348	R.DNLLTWTSDSAGEE DNLLTWTSDSAGEEC[166.9984]	-0.413	0.012	-0.004	0	25.16	19	72	5	245	-1.53
2535	16	P27348	R.DNLLTWTSDSAGEE DNLLTWTSDSAGEEC[166.9984]	0.865	0.006	-0.005	0	28	19	72	5	245	-1.81
2535	24	P27348	R.DNLLTWTSDSAGEE DNLLTWTSDSAGEEC[166.9984]	0.881	0.006	-0.005	0	28.21	19	59	4	245	-1.81
1544.7	8	P27635	K.FNAEDFEDMVAEK FNAEDFEDMVAEK	0.024	0.004	-0.002	0	31.55	21	32	1	214	-0.99
1696.8	9	P27708	R.IHRASDGLPAEPI IHRAS[166.9984]DPLPAEPEK	0.628	0.013	-0.003	1	27.62	21	28	3	2225	-1.94
1410.6	8	P27797	K.EQFLDGGWTSR.I EQFLDGGWTSR	-0.634	0.023	-0.002	0	24.99	21	25	1	417	-1.78
2960.3	16	P27797	K.KPEDWDEEMGE KPEDWDEEMGEWEPPIQNEP	1.03	0.005	-0.005	1	31.7	21	32	2	417	-1.38
1627.8	8	P27816	K.DMESPTKLDVTLAK DMES[166.9984]PTKLDVTLAK	1.159	3.50E-04	-0.004	1	42.95	21	85	5	1152	-2.18
1627.8	11	P27816	K.DMESPTKLDVTLAK DMESPT[181.014]KLDVTLAK	1.41	9.00E-04	-0.003	1	38.43	21	85	5	1152	-1.93
1616.8	11	P27816	K.DVTPPETEVVLIK.I DVTPPETEVVLIK	-0.636	0.024	-0.003	0	24	20	85	5	1152	-1.6
1588.7	8	P27816	K.DMSPLETETMALG DMSPLETETMALG	0.28	0.002	-0.002	0	33.16	20	85	5	1152	-1.45
1684.5	5	P27816	K.KCSLPAEEDSVEK.I KC[160.0307][166.9984]LPAE	-0.186	0.009	-0.003	1	28.36	20	122	9	1152	-2.02
1508.7	8	P27824	K.AEEDILNRSR.N AEEDILNRS[166.9984]R	-0.107	0.007	-0.002	1	29.29	20	221	15	592	-1.54
2188.9	10	P27824	K.QKSAEEDGGTQK QKS[166.9984]DAEEDGGTQK	1.178	0.003	-0.004	1	31.18	19	221	15	592	-1.95
1932.7	9	P27824	K.SDAEEDGGTQK SDAEEDGGTQK[166.9984]QK	1.978	9.90E-08	-0.004	0	77.08	20	221	15	592	-2.09
2268.8	9	P27824	K.QKSAEEDGGTQK QKS[166.9984]DAEEDGGTQK	0.414	0.002	-0.005	1	31.5	17	221	15	592	-2.11
1932.7	13	P27824	K.SDAEEDGGTQK SDAEEDGGTQK[166.9984]QK	1.978	1.10E-09	-0.005	0	96.72	19	221	15	592	-2.55
2108	15	P27824	K.IPDPEAVKPDWDD IPDPEAVKPDWDEDAPAK	0.21	0.031	-0.004	1	23.45	21	174	14	592	-2.06
1088.5	7	P27824	K.AEEDILNRS AEEDILNRS	1.33	2.70E-04	-0.004	0	44.52	21	239	14	592	-3.22
814.33	4	P28290	R.MPSFR.S MPS[166.9984]PFR	-0.604	0.02	-0.002	0	25.32	21	25	5	1259	-1.87
2975.3	23	P28290	R.TGVSQTPPDLESSEI TGS[166.9984]VQTPPDLESSEV	1.85	7.30E-04	-0.005	0	38.86	20	102	7	1259	-1.65
3055.3	18	P28290	R.TGVSQTPPDLESSEI TGS[166.9984]VQTPPDLESSEV	0.099	0.039	-0.009	0	21.32	20	29	3	1259	-2.96
3055.3	16	P28290	R.TGVSQTPPDLESSEI TGS[166.9984]VQTPPDLESSEV	0.533	0.014	-0.009	0	25.68	20	39	6	1259	-2.96
2975.3	12	P28290	R.TGVSQTPPDLESSEI TGSVQTPPDLESSEV[166.9984]	0.115	0.038	3.00E-04	0	21.5	20	39	6	1259	0.1
3055.3	17	P28290	R.TGVSQTPPDLESSEI TGSVQTPPDLESSEV[166.9984]	0.469	0.016	-0.009	0	25.12	20	38	4	1259	-2.96
2975.3	13	P28290	R.TGVSQTPPDLESSEI TGSVQTPPDLESSEV[166.9984]	1.608	0.001	3.00E-04	0	36.42	20	73	10	1259	0.1
1558.7	9	P28290	R.SQSLPTLLSPVR.V SQS[166.9984]LPTLLS[166.99	-0.534	0.02	-0.002	0	25.97	21	102	7	1259	-1.32
2063.8	18	P28290	K.SGQDFPQCNTIEN SGS[166.9984]QDFPQC[160.03	-0.799	0.032	-0.005	0	23.37	21	40	8	1259	-2.37
1713.8	11	P28290	R.TPLGASLDEQSSSTL TPLGAS[166.9984]LDEQSSSTL	2.735	2.30E-06	-0.004	0	63.83	20	102	7	1259	-2.24
1054.5	5	P28370	K.SPTSLNLMK.L SPTS[166.9984]PLNMK	-0.345	0.011	-0.002	0	25.91	19	26	1	1054	-2.32
1463.7	8	P28715	R.NAPAAVDEGSISPR NAPAAVDEGSIS[166.9984]PR	2.669	1.20E-05	-0.003	0	58.05	21	58	2	1186	-2.04
1603.6	8	P28715	K.FDSSLSSDDETK.C FDSSLSS[166.9984][166.9984]	-0.147	0.007	-0.003	0	26.79	18	87	4	1186	-2
1146.5	7	P28715	K.EPDATPPSPR.T EPDATPPS[166.9984]R	-0.431	0.013	-0.004	0	24.95	19	87	4	1186	-3.91
1523.6	13	P28715	K.FDSSLSSDDETK.C FDSSLSS[166.9984]SDDETK	1.321	2.30E-04	-0.003	0	43.5	20	112	4	1186	-2.22
1413.6	7	P29317	R.LPSTGSEGVFPR.T LPS[166.9984]TSGSEGVFPR	-0.607	0.022	-0.003	0	25.19	21	25	3	976	-1.97
1996.8	13	P29323	R.FLEDDTSDPTYSAL FLEDDTSDPT[181.014]YTSALG	0.288	0.003	-0.004	0	34.17	21	34	2	1055	-1.82
1996.8	9	P29323	R.FLEDDTSDPTYSAL FLEDDTSDPT[166.9984]DPTYSALG	2.08	4.40E-06	-0.004	0	62.36	21	62	1	1055	-1.82
4300.9	10	P29590	K.AVSPPHLDGPPSPR AVS[166.9984]PHLDGPPS[166.9	0.038	0.017	-0.007	1	24.59	19	34	5	882	-1.7
1586.7	12	P29590	K.AVSPPHLDGPPSPR AVS[166.9984]PHLDGPPS[166.9	0.919	0.006	-0.003	0	28.59	19	34	5	882	-2.01
2747.2	21	P29590	R.QPSPPSPTRAPA.P QPS[166.9984]PSPS[166.9984]	0.571	0.014	-0.003	1	26.06	20	40	5	882	-1.92
1503.7	13	P29692	R.ATAPQTHVSPMR ATAPQTHV[166.9984]PMR	0.611	0.013	-0.003	0	26.51	20	163	7	281	-1.28
2989.2	20	P29692	K.KPATPAEDDEDDI.K PATPAEDDEDDIDLFGS[166.95	1.41	1.80E-04	-0.002	1	44.17	19	163	7	281	-0.73
3069.1	24	P29692	K.KPATPAEDDEDDI.K PATPAEDDEDDIDLFGS[166.95	1.41	1.00E-05	-0.006	1	53.65	16	163	7	281	-1.89
2861.1	19	P29692	K.PATPAEDDEDDI.K PATPAEDDEDDIDLFGS[166.95	1.41	1.30E-04	-0.006	0	44.36	18	163	7	281	-2.1
1702.8	14	P29966	K.GEPAAAAEAGAA.GEPAAAAEAGAS[166.9984]P	2.732	4.90E-06	-0.005	0	61.57	21	184	12	332	-2.95
1580.6	7	P29966	K.AEDGATPSPNETP AEDGATPS[166.9984]PNETPK	-0.59	0.019	-0.003	0	24.46	20	184	12	332	-2
1580.6	7	P29966	K.AEDGATPSPNETP AEDGATPSNET[181.014]PK	-0.213	0.008	-0.002	0	28.23	20	184	12	332	-1.18
1864.11	11	P29966	K.GEAAERPEEAAV.GEAAERPEEAAVSS[166.9984]	2.682	1.10E-05	-0.004	1	59.18	22	184	12	332	-2.37
3075.2	23	P29966	K.EAPAEGEAAEGSP EAPAEGEAAEGS[166.9984]PT	0.591	0.012	-0.006	0	26.31	20	184	12	332	-1.97
2995.3	40	P29966	K.EAPAEGEAAEGSP EAPAEGEAAEGS[166.9984]PT	1.127	0.004	-0.006	0	31.67	20	184	12	332	-1.95
2995.3	21	P29966	K.EAPAEGEAAEGSP EAPAEGEAAEGSPT[181.014]A	0.282	0.028	-0.006	0	23.22	20	184	12	332	-1.95
2995.3	25	P29966	K.EAPAEGEAAEGSP EAPAEGEAAEGSPTAAEGEAA#	1.496	0.002	-0.003	0	35.32	20	186	9	332	-0.88
1580.6	8	P29966	K.AEDGATPSPNETP AEDGATPS[166.9984]NETPK	1.229	2.80E-04	-0.002	0	42.62	20	206	11	332	-1.18
1864.12	12	P29966	K.GEAAERPEEAAV.GEAAERPEEAAVSS[166.95	-0.507	0.017	-0.004	1	27.19	22	139	10	332	-2.37
1864.19	19	P29966	K.GEAAERPEEAAV.GEAAERPEEAAVSS[166.9984]	1.817	7.40E-04	-0.003	1	40.52	22	206	11	332	-1.45
2995.3	32	P29966	K.EAPAEGEAAEGSP EAPAEGEAAEGSPTAAEGEAA#	1.472	0.001	-0.003	0	36.3	20	206	11	332	-0.88
1680.7	18	P29966	K.EEPAAGSAGASP EEPAAAGSAGAS[166.9984]SA	0.41	0.002	-0.004	0	34.43	20	206	11	332	-2.08
3062.4	24	P29966	K.EELQANGSPAADA.EELQANGSPAADKEEPAAGSG	1.668	3.20E-04	-0.008	1	42.37	20	186	9	332	



2238.9	10	P35221	R.TPEELDDSDFFETDI	TPEELDDSD[166.9984]DFETEDFC	2	1.978	7.80E-10	-0.005	0	97.72	19	147	4	906	-2.07
2238.9	14	P35221	R.TPEELDDSDFFETDI	T[181.014]TPEELDDSDFFETEDFC	3	1.41	7.80E-04	-0.003	0	38.04	19	147	4	906	-1.22
2562	20	P35221	R.TPEELDDSDFFETDI	TPEELDDSD[166.9984]DFETEDFC	3	-0.003	0.048	-0.004	1	19.33	19	162	6	906	-1.67
2142	22	P35221,P2623	R.SRTSVQTEDDQLIA	SRTSV[166.9984]VQTEDDQLIAGQ	3	1.303	0.003	-0.005	1	34.43	21	147	3		-2.46
2142	13	P35221,P2623	R.SRTSVQTEDDQLIA	SRT[181.014]VQTEDDQLIAGQ	2	0.114	0.004	-0.005	1	32.5	21	147	3		-2.55
2142	10	P35221,P2623	R.SRTSVQTEDDQLIA	SRTSVQ[181.014]EDDQLIAGQ	3	0.64	0.012	-0.005	1	27.83	21	162	3		-2.46
1898.8	12	P35221,P2623	R.TSVQTEDDQLIAGC	T[181.014]VQTEDDQLIAGQSA	2	1.313	2.60E-04	-0.004	0	45.46	22	197	3		-1.97
2401.9	10	P35251	R.QDPVTVYSEETDEDI	QDPVTVY[166.9984]ETDEEDDI	2	2.035	5.30E-05	-0.008	0	49.61	19	91	4	1148	-3.32
2015.8	9	P35251	R.IYDSDSESEETLQVI	IYDSD[166.9984]DS[166.9984]I	2	2.085	4.60E-06	-0.005	0	61.18	20	91	4	1148	-2.61
2015.8	9	P35251	R.IYDSDSESEETLQVI	IYDSD[166.9984]DSES[166.9984]	2	-0.283	0.011	-0.005	0	27.53	20	38	4	1148	-2.61
1931.7	10	P35268	R.YFQJNQDEEEEEEI	YFQJNQDEEEEEEI	2	1.978	1.70E-05	-0.004	0	53.3	18	53	1	128	-2.06
1957.8	14	P35579	K.GAGDGSDEEVGDK	GAGDGS[166.9984]DEEVGDKA	2	-0.272	0.01	-0.003	1	25.64	18	26	3	1960	-1.46
1074.5	7	P35580	R.GGPISFSSSR.S	GGPISFSSSR[166.9984]R	2	0.022	0.005	-0.002	0	28.53	18	29	5	1976	-1.64
1266.9	11	P35580	R.QLHLEGASLELSDI	QLHLEGASLELSDI[166.9984]DDD	3	1.483	0.002	-0.002	0	35.18	20	35	1	1976	-1.02
2727.3	18	P35606	R.STAQQLDQKPSAF	STAQQLDQKPSAF[166.9984]PT	3	1.41	7.70E-04	-0.007	1	37.69	19	38	3	906	-2.49
1433.6	11	P35611	R.SPGSVPGVGTGSPG	SPGS[166.9984]PVGEGTGSPPK	2	1.154	3.30E-04	-0.003	0	42.9	21	46	3	737	-1.83
5316.3	8	P35611	K.EEEAHRPSPTEAP	EEEAHRPSPTEAP[166.9984]PTEAPTE	4	0.038	0.012	-0.002	1	19.95	17	46	3	737	-0.36
5316.3	28	P35611	K.EEEAHRPSPTEAP	EEEAHRPSPTEAP[166.9984]PTEAPTE	4	0.319	0.012	-0.002	1	23.96	17	24	1	737	-0.36
2573.1	23	P35612	K.ETAPEEPGSPAKAI	ETAPEEPGSPAKAI[166.9984]PAKS	16	0.16	0.037	-0.007	1	20.95	19	21	2	726	-2.91
1831.8	9	P35658	K.SPGSTPTTPTTSSQAI	SPGST[181.014]PT[181.014]TP	2	-0.175	0.007	-0.004	0	29.58	21	30	1	2090	-2.07
1831.8	7	P35658	K.SPGSTPTTPTTSSQAI	S[166.9984]PGSTPTTPTTSS[166.2	2	-0.084	0.006	-0.004	0	30.52	21	31	3	2090	-2.07
1569.7	9	P35658	R.SAQGSSPVPMVMQI	SAQGSS[166.9984]PVPMVMQI	2	-0.415	0.013	-9.00E-04	0	26.14	20	39	6	2090	-0.6
3359.2	7	P35659	K.EPEMPGPRESEEEI	EPEMPGPRESEEEI[166.9984]EEEEI	3	1.333	0.002	-0.002	1	29.73	16	30	1	375	-2.39
2047.7	15	P35659	K.KESEEDSSDDEPLI	KESEI[166.9984]EDS[166.9984]2	2	-0.219	0.009	-0.004	1	24.1	16	36	2	375	-2.15
2047.7	14	P35659	K.KESEEDSSDDEPLI	KESEI[166.9984]ESED[166.9984]2	2	-0.352	0.012	-0.004	1	22.84	16	26	4	375	-2.15
1839.6	5	P35659	K.KESEEDSSDDEPLI	KESEI[166.9984]EDS[166.9984]S	166.9984	-0.563	0.018	-0.004	0	21.59	17	42	2	375	-2.14
2202.9	18	P35680	R.LSGDEGSEDGDYI	LSGDEGS[166.9984]EDGDYD1	2	0.259	0.003	-0.006	0	33.88	21	81	5	557	-2.77
1791.6	6	P35680	K.LETLPLSPGSAEPI	LETLPLS[166.9984]PGSAEPI	2	0.355	0.002	-0.004	0	34.94	21	38	4	557	-2.06
2416	7	P35680	K.GRLSGDEGSEDGDI	GRLSGDEGS[166.9984]EDGDD1	3	1.35	0.002	-0.005	1	34.84	21	38	6	557	-1.94
2496	9	P35680	K.GRLSGDEGSEDGDI	GRLS[166.9984]GDEGSEDGDD1	2	-0.806	0.032	-0.002	1	22.2	20	22	1	557	-0.8
1163.6	6	P36578	R.IKSPHQR.A	IKS[166.9984]PEIQR	2	-0.349	0.011	-0.002	1	26.77	20	27	2	427	-2.03
1608.9	9	P36578	R.IEVEPELPLVDEK.	IEVEPELPLVDEK	2	-0.928	0.042	-0.002	0	17.94	17	18	1	427	-1.03
1640.8	5	P36776	R.QLEVEPEPEAENK	QLEVEPEPEAENK	2	-0.699	0.03	-0.003	0	23.23	20	23	3	959	-2.39
2164.8	15	P36956	R.GSGSGSGSDSEPI	GSGSGS[166.9984]GSDSEPD2	2	0.074	0.005	-0.005	0	29.03	18	29	3	1147	-2.38
2789.2	25	P37275	K.NNDQPQSANANEF	NNDQPQSANANEFQDSTVNLQ3	3	2.013	4.50E-04	-0.008	0	41.53	21	42	5	1124	-2.54
2789.2	12	P37275	K.NNDQPQSANANEF	NNDQPQSANANEFQDSTVNLQ3	3	0.005	0.046	-0.008	0	21.48	21	21	3	1124	-2.74
2123.9	21	P37275	K.MQAGQ[SVQSESP	MQAGQ[SVQSESPSS[166.9984.2	2	0.58	0.001	-0.005	0	37.13	21	51	3	1124	-2.34
966.41	6	P38159	R.GLPPSMER.G	GLPPS[166.9984]MER	2	-0.707	0.028	-0.002	0	22.24	19	49	8	391	-1.78
1515.7	9	P38159	K.VEQATKPSFESGR	FVEQATKPS[166.9984]FESGR	2	-0.027	0.006	-0.003	1	31.02	21	68	9	391	-2.18
929.41	4	P38159,Q96E1	R.DVYLSPR.D	DVYLS[166.9984]PR	2	-0.673	0.026	-0.002	0	22.67	19	44	4		-2.59
1695.7	7	P38159,Q96E1	R.DVYLSPRDDGYSTK	DVYLS[166.9984]PRDDGYSTK	2	0.034	0.005	-0.004	1	29.3	19	44	4		-2.1
1861.7	7	P38432	R.AFQLEEGEETPDIC	AFQLEEGEET[181.014]EPDC[16	2	0.145	0.004	-0.005	0	29.81	18	54	4	576	-2.55
2017.8	9	P38432	R.AFQLEEGEETPDIC	AFQLEEGEET[181.014]EPDC[1	2	1.09	4.30E-04	-0.005	1	41.26	20	54	4	576	-2.54
1134.6	7	P39019	K.DVNOQEFV.R	DVNOQEFV	2	0.042	0.004	-0.002	0	31.81	21	32	1	145	-2.04
1342.6	9	P39023	K.NNASTDYDLSDK	NNASTDYDLSDK	2	2.732	3.40E-06	-0.003	0	61.76	20	62	1	403	-2.1
5982.5	29	P39060	R.PWAPITGSPVPPS	PWAPIT[181.014]GSP[166.998	5	-0.294	0.049	-0.015	1	13.9	13	14	4	1754	-2.48
1976.9	7	P39880	K.SLTELQPCPIEIA	SLTELQPCPIEIA[181.014]ELVQPC[160.03	2	-0.152	0.008	-0.002	0	28.74	20	31	3	1505	-0.83
3609.5	17	P39880	R.HSSVSDSQCEPPS	HSS[166.9984]VSDSQPC[160.0	3	1.655	1.50E-05	-0.007	0	56.32	20	53	4	1505	-2.78
3564.6	28	P40222	K.SSPGQPEAGPEGAC	SS[166.9984]PGQPEAGPEGAQI	3	0.006	0.046	-0.006	1	21.42	21	21	3	546	-1.02
1486.4	4	P40222	R.RPEGGAQAPSPFP	RPEGGAQAPSP[166.9984]PR	3	0.377	0.021	-0.002	1	25.12	21	43	3	546	-1.08
2060.9	11	P40818	K.RYSVSPDITQAIQEE	RSYSV[166.9984]PDITQAIQEE	3	1.172	0.004	-0.004	1	33.12	21	33	7	1118	-1.78
2060.9	11	P40818	K.RYSVSPDITQAIQEE	RSYSV[166.9984]YSSPDITQAIQEE	3	1.659	0.001	-0.004	1	37.95	21	38	3	1118	-1.78
1976.10	10	P40855	K.NATDLQNSMSEEEI	NATDLQNS[166.9984]MSEEL	2	2.732	4.60E-06	-0.004	0	61.11	20	61	1	299	-1.98
3921.5	8	P41236	K.IDEPSTPYHMMGGI	IDEPST[181.014]PYHMMGGD	3	0.206	0.033	-0.003	0	20.46	18	28	3	205	-0.86
3921.5	20	P41236	K.IDEPSTPYHMMGGI	IDEPSTPYHMMGGDDEDAC[160	3	0.755	0.009	-0.003	0	25.95	18	28	3	205	-0.86
3921.5	28	P41236	K.IDEPSTPYHMMGGI	IDEPSTPYHMMGGDDEDAC[160	3	0.675	0.011	-0.003	0	25.11	18	50	2	205	-0.86
4001.5	12	P41236	K.IDEPSTPYHMMGGI	IDEPSTPY[243.0297]HMMGGD	3	1.668	1.90E-04	-0.002	0	42.13	17	50	2	205	-0.5
3921.5	7	P41236	K.IDEPSTPYHMMGGI	IDEPSTPY[166.9984]MMGGD	3	0.344	0.025	-0.003	0	21.79	18	32	2	205	-0.86
4001.5	7	P41236	K.IDEPSTPYHMMGGI	IDEPSTPYHMMGGDDEDAC[160	3	1.022	0.005	-0.002	0	27.57	17	32	2	205	-0.5
4001.5	7	P41236	K.IDEPSTPYHMMGGI	IDEPSTPY[166.9984]MMGGD	3	1.628	0.001	-0.002	0	33.63	17	73	7	205	-0.5
4001.5	7	P41236	K.IDEPSTPYHMMGGI	IDEPST[181.014]PYHMMGGD	3	1.405	0.002	-0.002	0	31.4	17	73	7	205	-0.5
1727.11	11	P42166,P4212	R.SSTPLTSSSAENT	S[166.9984]TPLTSSSAENR	2	-0.449	0.015	-0.004	0	26.8	21	243	3		-2.62
2595.1	12	P42166,P4212	R.EQGTESRSSTPLT	EQGTES[166.9984]RS[166.998	3	0.526	0.017	-0.007	1	25.59	20	207	3		-2.54
1727.13	13	P42166,P4212	R.SSTPLTSSSAENT	SSTPLTSS[166.9984]SAENR	3	0.278	0.003	-0.004	0	34	21	204	3		-2.62
2139.8	13	P42167	R.QNGSNDSDRYSDN	QNGSNDSDRYSDN[166.9984]DNEI	3	0.028	0.045	-0.002	1	18.63	18	225	12	454	-0.81
2650.12	12	P42167,P4212	K.GPPDFSSDEERPTI	GPPDFSSDEERPT[181.014]PVI	3	1.716	8.90E-04	-0.006	1	39.56	22	240	3		-2.18
2730.1	21	P42167,P4212	K.GPPDFSSDEERPTI	GPPDFSS[166.9984]DEERPT1	3	1.613	0.001	-0.006	1	37.53	21	240	3		-2.3
2650.2	20	P42167,P4212	K.GPPDFSSDEERPTI	GPPDFSS[166.9984]SDEERPTA	3	2.572	9.90E-06	-0.005	1	59.12	22	240	3		-2.06
2810.1	20	P42167,P4212	K.GPPDFSSDEERPTI	GPPDFSS[166.9984]S[166.9984]	3	1.41	4.00E-05	-0.006	1	51.88	20	240	3		-2.14
2730.1	25	P42167,P4212	K.GPPDFSSDEERPTI	GPPDFSS[166.9984]S[166.9984]	3	2.572	6.70E-06	-0.005	1	60.64	21	240	3		-1.68
1727.9	9	P42167,P4212	R.SSTPLTSSSAENT	SST[181.014]PLTSSSAENR	2	-0.061	0.006	-0.004	0	30.75	21	240	3		-2.16
2595.1	6	P42167,P4212	R.EQGTESRSSTPLT	EQGTESRS[166.9984]T[181.01	3	#####	0.047	-0.005	1	21.36	21	273	3		-1.96
2730.1	19	P42167,P4212	K.GPPDFSSDEERPTI	GPPDFSS[166.9984]SDEERPT1	3	1.095	0.004	-0.006	1	32.3	21	273	3		-2.3
1138.5	5	P42345	R.TLDQSPELR.S	TLDQS[166.9984]PELR	2	-0.924	0.042	-0.002	0	18.98	18	19	2	2549	-1.74
1752.8	15	P42566	K.LNDPFPQPPGNDSP	LNDPFPQPPGNDSP[166.9984]PK	2	-0.463	0.014	-0.003	0	26.73	21	27	2	896	-1.94
3673.2	22	P42568	K.DLHSDNNEEVEDS	DLHS[166.9984]DDNEEES[166.3	2	1.29	0.002	-0.003	1	29.26	16	29	3	568	-0.82
1293.6	7	P42677	K.DLLHPSPEEK.R	DLLHPSPEEK	2	-0.678	0.023	-0.002	0	25.53	22	28	3	84	-1.85
1373.6	7	P42677	K.DLLHPSPEEK.R	DLLHPS[166.9984]PEEK	2	-0.842	0.035	-0.003	0	22.8	21	48	3	84</	

1228.6	11	P46087	K.GPQPPTVSPIR.S	GPQPPTV[S166.9984]PIR	2	-0.92	0.04	-0.003	0	22.19	21	45	4	812	-2.17
3570.4	9	P46087	R.EAAGIQWSEETE	EAAGIQW[S166.9984]EETE[1]	3	0.928	0.006	-0.007	1	27.63	18	86	4	812	-2.07
2202.9	8	P46100	K.QSETVDQNSDSDEI	QSETVDQNS[S166.9984]DEM	2	2.016	5.10E-05	-0.004	0	50.52	20	171	11	2492	-1.99
4050.7	12	P46100	K.YVESDDEKPLDDEI	YVES[S166.9984]DDEKPLDDEI	4	0.038	0.005	-0.013	1	28.57	18	171	11	2492	-3.11
2202.9	13	P46100	K.QSETVDQNSDSDEI	QSETVDQNS[S166.9984]DSDDEM	3	0.561	0.014	-0.003	0	26.01	20	171	11	2492	-1.3
1410.5	6	P46100	K.LTVSDGSEGEK.K	LTVS[S166.9984]DGES[S166.9984]	2	-0.743	0.029	-0.003	0	18.93	16	171	11	2492	-1.99
2567	15	P46100	R.RPTETNPVTSNSDEI	RPTETNPVTS[S166.9984]NS[166]	3	0.888	0.006	-0.006	1	28.28	19	171	11	2492	-2.39
2487	23	P46100	R.RPTETNPVTSNSDEI	RPTETNPVTS[S166.9984]DEEC	3	2.495	1.70E-04	-0.005	1	45.35	20	171	11	2492	-2.05
1415.7	7	P46100	K.LTPVLSNSPIK.G	LTPVLS[S166.9984]LSNS[S166.998]	2	-0.295	0.011	-0.003	0	28.41	21	171	11	2492	-1.81
1854.7	10	P46100	K.ATSSSNPSPAPDVA	ATSS[S166.9984]NPSS[S166.998]	2	0.475	0.002	-0.004	0	33.06	18	205	17	2492	-2.15
1350.5	7	P46100	R.ETFSSAEGTVDK.D	ETFSS[S166.9984]AEGTVDK	2	0.277	0.003	-0.003	0	32.1	19	167	19	2492	-2.06
2282.9	10	P46100	K.QSETVDQNSDSDEI	QSETVDQNS[S166.9984]DS[166]	2	-0.22	0.009	-0.003	0	27.06	19	147	17	2492	-1.36
4050.7	14	P46100	K.YVESDDEKPLDDEI	YVES[S166.9984]DDEKPLDDEI	4	0.206	0.018	-0.013	1	22.66	18	167	19	2492	-3.11
1335.7	6	P46100	K.LTPVLSNSPIK.G	LTPVLSNS[S166.9984]PIK	2	1.595	1.20E-04	-0.002	0	46.21	20	147	19	2492	-1.9
1774.7	10	P46100	K.ATSSSNPSPAPDVA	ATSSSNPSS[S166.9984]PAPD	2	-0.275	0.009	-0.003	0	27.58	20	167	19	2492	-1.78
1350.5	8	P46100	R.ETFSSAEGTVDK.D	ETFSS[S166.9984]AEGTVDK	2	2.107	4.00E-05	-0.003	0	50.43	19	176	13	2492	-2.06
1854.7	9	P46100	K.ATSSSNPSPAPDVA	ATS[S166.9984]SSNPSS[S166.998]	2	0.85	7.40E-04	-0.004	0	36.89	18	223	17	2492	-2.15
1410.5	5	P46100	K.LTVSDGSEGEK.K	LTV[S166.9984]VSDGES[S166.9984]	2	-0.465	0.016	-0.003	0	21.71	16	176	13	2492	-1.99
2564.1	19	P46379	R.ASPPEQRENASAP	ASPEQRENAS[S166.9984]PAPG	3	0.892	0.006	-0.006	1	30.28	21	30	1	1132	-2.35
2644.1	17	P46379	R.ASPPEQRENASAP	AS[S166.9984]PEQRENASPAPG	3	0.115	0.042	-0.005	1	21.5	20	22	2	1132	-1.99
2644.1	19	P46379	R.ASPPEQRENASAP	AS[S166.9984]PEQRENASPAPG	3	0.169	0.037	-0.005	1	22.09	20	26	2	1132	-1.99
1774.6	10	P46821	K.GAEQSEEADEED	GAEQ[S166.9984]EEEADEEDK	2	1.978	8.20E-06	-0.001	0	53.74	15	569	44	2468	-0.8
2823.2	15	P46821	R.DVMSDETNNETE.E	DVMS[S166.9984]DETNNETESP	3	0.544	0.014	-0.007	0	25.84	20	569	44	2468	-2.34
2544	8	P46821	K.QGSPDQVSPVSEM	QGS[S166.9984]PDQV[S166.998]	2	2.253	2.80E-05	-0.003	0	52.89	20	569	44	2468	-1.05
2464.1	11	P46821	K.QGSPDQVSPVSEM	QGS[S166.9984]PVSEMT	2	1.843	6.80E-05	-0.001	0	49.79	21	569	44	2468	-0.59
1039.5	5	P46821	R.DLSTPGLK.D	DL[S166.9984]TPGLK	2	-0.882	0.04	-0.002	0	20.54	19	569	44	2468	-2.13
2173.9	8	P46821	R.AVSPMDEPVPDSI	ASVS[S166.9984]PMDEPVPDES	2	1.978	2.10E-05	-0.005	0	53.85	20	569	44	2468	-2.37
1502.7	6	P46821	K.SPSSLSPSPLEK.T	SPSSLSPSS[S166.9984]PLEK	2	-0.014	0.005	-0.003	0	32.22	22	569	44	2468	-1.99
2334.8	18	P46821	K.FEDEGAGFEES.E	FEDEGAGFEES[S166.9984]SETG	2	1.721	8.90E-05	-0.006	0	45.57	18	569	44	2468	-2.55
2093.9	14	P46821	R.AVSPMDEPVPDSI	ASVS[S166.9984]PMDEPVPDES	2	0.261	0.026	-0.004	0	24.01	21	569	44	2468	-2.02
1287.6	8	P46821	R.SLMSSPEDLTK.D	SLMS[S166.9984]PEDLTK	2	0.898	7.00E-04	-0.002	0	38.34	19	569	44	2468	-1.78
2382.4	19	P46821	K.VSAEAEVAPVPEV	VSAEAEVAPVS[S166.9984]PEVT	3	0.469	0.019	-0.007	0	26.09	21	569	44	2468	-2.09
3202.4	11	P46821	K.VSAEAEVAPVPEV	VSAEAEVAPVPEV[S166.9984]PEVT	3	0.604	0.014	-0.007	0	27.44	21	569	44	2468	-2.23
1367.5	7	P46821	R.SLMSSPEDLTK.D	SLMS[S166.9984]PE	2	0.83	8.60E-04	-0.002	0	35.66	17	569	44	2468	-1.47
2020.9	11	P46821	K.AAAGGAEQYGL	AAAGGAEQYGLT[S166.9984]PE	2	1.978	8.70E-06	-0.004	0	59.85	22	569	44	2468	-1.99
2004.9	7	P46821	K.LGDVSPQIQDVSQF	LDV[S166.9984]PTQIQDVSQFG	2	0.363	0.002	-0.003	0	34.99	21	569	44	2468	-1.47
1405.7	7	P46821	K.EVPSKEEPSVK.A	EVPSKEEPS[S166.9984]PVK	2	-0.86	0.037	-0.003	1	23.76	22	569	44	2468	-2.15
2464.1	12	P46821	K.QGSPDQVSPVSEM	QGS[S166.9984]PDQVSPVSEM	2	0.06	0.048	-0.005	0	21	20	569	44	2468	-2.09
2464.1	12	P46821	K.QGSPDQVSPVSEM	QGS[S166.9984]PDQVSPVSEM	2	2.727	1.00E-05	-0.004	0	57.63	20	569	44	2468	-1.6
2823.2	15	P46821	R.DVMSDETNNETE.E	DVMS[S166.9984]DETNNETESP	3	1.859	6.70E-04	-0.006	0	38.99	20	569	44	2468	-2.46
1073.4	9	P46821	R.GAESPFEEK.S	GAES[S166.9984]PFEK	2	0.352	0.002	-0.002	0	30.88	17	569	44	2468	-1.93
1394.7	13	P46821	K.VQSLGKLSPK.S	VQSLGKLS[S166.9984]PK	2	0.379	0.002	-0.003	1	36.15	22	569	44	2468	-2.26
2108.8	16	P46821	K.DYNASASTISPPSSA	DYNASASTI[S166.9984]PPSSMI	2	0.513	0.002	-0.006	0	35.49	20	569	44	2468	-2.73
2334.8	12	P46821	K.FEDEGAGFEES.E	FEDEGAGFEES[S166.9984]ETG	3	0.521	0.017	-0.005	0	22.61	17	569	44	2468	-2.03
2823.2	10	P46821	R.DVMSDETNNETE.E	DVMS[S166.9984]DETNNETESP	3	0.989	0.005	-0.007	0	30.22	20	594	42	2468	-2.34
1570.6	10	P46821	K.SPSSDGSYETI.G	SPSSDGSYETI[S166.9984]YETIG	2	0.356	0.002	-0.003	0	32.82	19	594	42	2468	-2.08
3202.4	12	P46821	K.VSAEAEVAPVPEV	VSAEAEVAPVS[S166.9984]PEVT	3	0.168	0.039	-0.007	0	23.01	21	594	42	2468	-2.14
1982.9	8	P46821	R.ESSPLYSPTSDSTS	ESSPLYSPTSDSTS[S166.9984]PTSDSTS	2	-0.657	0.023	-0.005	0	24.76	21	616	43	2468	-2.45
3424.4	21	P46821	K.GPAESPDEGITTEC	GPAES[S166.9984]PDEGITTEGE	3	0.159	0.033	-0.008	0	21.92	20	594	42	2468	-2.28
2173.9	11	P46821	R.AVSPMDEPVPDSI	ASVS[S166.9984]PMDEPVPDES	2	1.084	3.90E-04	-0.005	0	41.17	20	616	43	2468	-2.37
1624.7	6	P46821	K.TTSPPEVSGYSYK	TTSPPEVSGYSYK[S166.9984]PPEVSGYSYK	2	1.675	1.00E-04	-0.004	0	47.08	20	616	43	2468	-2.28
1982.9	14	P46821	R.ESSPLYSPTSDSTS	ESS[S166.9984]PLYSPTSDSTS	2	-0.232	0.009	-0.005	0	28.97	21	678	43	2468	-2.45
2108.8	10	P46821	K.DYNASASTISPPSSA	DYNASASTI[S166.9984]SPSSMI	2	2.14	1.30E-05	-0.006	0	56.91	20	678	43	2468	-2.73
2043.9	6	P46821	K.HMDPPAPVQDRS	HMDPPAPVQDRS[S166.9984]P	3	0.117	0.042	-0.006	1	20.57	19	608	41	2468	-2.41
2489	23	P46821	K.TATCHSSSPDPA.D	TAT[160.0307]HSS[S166.9984]	3	0.137	0.038	-0.006	0	21.8	20	471	36	2468	-2.36
2108.8	8	P46821	K.DYNASASTISPPSSA	DYNASASTI[S166.9984]MI	2	2.823	6.70E-06	-0.006	0	59.64	20	471	36	2468	-2.73
1982.9	19	P46821	R.ESSPLYSPTSDSTS	ES[S166.9984]SPLYSPTSDSTS	2	-0.796	0.033	-0.003	0	23.4	21	569	44	2468	-1.63
2240.9	9	P46821	K.VSPSSPSSPSSPSS	VSPSSPSSPSS[S166.9984]KSP	3	-0.002	0.048	-0.003	1	20.28	20	569	44	2468	-1.5
2489	18	P46821	K.TATCHSSSPDPA.D	TAT[160.0307]HSS[S166.998]	3	1.489	0.002	-0.006	0	35.34	20	678	43	2468	-2.36
2062.8	14	P46821	R.ESSPLYSPTSDSTS	ESS[S166.9984]PLYSPTSDSTS	2	-0.514	0.018	-0.005	0	25.22	20	608	41	2468	-2.08
3125.3	14	P46821	K.TLEVSPSSQSVTGS	TLEV[S166.9984]PSQSVTGSAC	3	0.574	0.014	-0.01	0	27.08	21	608	41	2468	-3.21
1065.6	6	P46821	K.SDISPLTPR.E	SDISPLT[S166.9984]PR	2	-0.667	0.025	-0.002	0	22.55	19	698	42	2468	-2.35
1287.6	7	P46821	R.SLMSSPEDLTK.D	SLMS[S166.9984]SPEDLTK	2	2.009	5.30E-05	-0.003	0	49.31	19	698	42	2468	-2.09
1065.6	7	P46821	K.SDISPLTPR.E	SDIS[S166.9984]PLTR	2	-0.65	0.024	-0.001	0	22.72	19	698	42	2468	-1.32
1301.6	7	P47712	R.CSVLSNVNVAR.R	CSVLSNVNVAR[S166.9984]VLSLN	2	1.592	1.30E-04	-0.002	0	40.08	18	136	5	749	-1.56
1301.6	7	P47712	R.CSVLSNVNVAR.R	CSVLSNVNVAR[S166.9984]VLSLN	2	1.921	6.30E-05	-0.002	0	47.57	18	136	5	749	-1.63
2157.8	16	P47712	K.HIVNSDSSDSDDES	HIVNSDSSDDES[S166.9984]DS[166.99]	2	0.228	0.003	-0.004	0	28.59	16	87	6	749	-2.01
2237.7	8	P47712	K.HIVNSDSSDSDDES	HIVNSDSSDDES[S166.9984]NS[166.998]	3	0.273	0.025	-0.004	0	16.09	13	87	6	749	-1.82
2157.8	13	P47712	K.HIVNSDSSDSDDES	HIVNSDSSDDES[S166.9984]SDS[166.99]	2	-0.333	0.01	-0.004	0	22.93	16	93	4	749	-2.01
2077.8	13	P47712	K.HIVNSDSSDSDDES	HIVNSDSSDDES[S166.9984]DDESH	2	2.14	1.20E-07	-0.004	0	74.22	18	120	6	749	-1.84
983.46	6	P48960	R.ALRASESGL.-	ALRAS[S166.9984]ESGI	2	0.109	0.004	-0.001	1	31.45	20	31	2	835	-1.44
3625.6	27	P49006	K.GAEASAASEEAGP	GAESAASEEAGPQATEPSTPSG	3	2.572	6.90E-07	-0.007	0	69.37	20	155	3	195	-2.03
3705.5	16	P49006	K.GAEASAASEEAGP	GAESAASEEAGPQATEPST[18]	3	2.296	2.50E-04	-0.006	0	43.36	20	155	3	195	-1.65
1453.7	17	P49006	R.GDVTAEEAAGASP	GDVTAEEAAGAS[S166.9984]PAK	2	1.978	6.80E-08	-0.003	0	80.5	21	155	3	195	-2.08
3705.5	32	P49006	K.GAEASAASEEAGP	GAESAASEEAGPQATEPSTPS[3]	3	2.177	3.30E-04	-0.006	0	42.12	20	139	4	195	-1.65
1468.6	9	P49327	K.ADEASELACPTPK.E	ADEASELACPTPK[S166.9984]PT[181.0]	2	-0.352	0.013	-0.003	0	25.77	19	49	8	2511	-1.99
3063.4	21	P49327	K.ADEASELACPTPK.E	ADEASELACPTPK[S166.9984]PT[181.0]	2	1.999	5.20E-04	-0.008	1	40.34	20	49	8	2511	

3366.5	22	P51531	K.KAEENAEAGESALG KAEENAEAGESALGPDGEPIDESS	3	1.544	2.10E-05	-0.011	1	54.34	20	62	3	1590	-3.22
3527.2	26	P51531	K.IAKEEESDESENEE IAKEEES[166.9984]EDES[166.9	3	1.189	0.003	-0.005	1	28.24	16	74	2	1590	-1.45
3366.5	27	P51531	K.KAEENAEAGESALG KAEENAEAGESALGPDGEPIDESS	3	1.394	3.10E-06	-0.011	1	62.69	20	83	4	1590	-3.22
1129.5	7	P51608	K.MPFQTSPPGGK.A MPFQTS[166.9984]PGGK	2	-0.848	0.04	-0.003	0	21.83	20	74	2	486	-2.46
2009.9	15	P51608	K.AETSEGGSPAPVP AETSEGGSPAPVPEASAS[166.9	2	2.9	9.00E-09	-0.004	0	88.44	21	88	2	486	-2.24
3029.2	13	P51636	K.ADVQLFMDDDSSY ADVQLFMDDDSSY[243.0297]SH	3	-0.005	0.048	-0.008	0	19.3	19	19	1	162	-1.57
2997.3	19	P51798	R.VGHMSSVELDELL VGHMSS[166.9984]VELDELLD	3	0.401	0.021	-0.004	0	25.36	21	25	1	805	-2.47
1124.5	7	P51858	R.AGDLLEDSPK.R AGDLLEDS[166.9984]PK	2	1.978	3.10E-05	-0.002	0	51.6	19	85	8	240	-2.04
2204.9	7	P51858	K.GNAEGSSDEEGKLV GNAEGS[166.9984]S[166.9984	2	1.2	3.40E-04	-0.005	1	42.36	20	85	8	240	-2.52
1280.6	8	P51858	R.RAGDLLEDSPK.R RAGDLLEDS[166.9984]PK	2	-0.903	0.037	-1.00E-04	1	27.33	21	85	8	240	-0.07
2124.9	16	P51858	K.GNAEGSSDEEGKLV GNAEGS[166.9984]DEEGKLVII	3	0.628	0.012	-0.004	1	27.63	21	110	8	240	-1.89
1990.8	8	P51991	R.SGSPYGGGYSGGC SSGS[166.9984]PYGGGYSGGC	2	1.982	8.90E-06	-0.005	0	55.84	18	56	1	378	-2.73
1168.5	7	P51991	K.EDTEEYNLR.D EDTEEYNLR	2	-0.398	0.013	-0.002	0	28.41	22	88	3	378	-1.66
1990.9	9	P51991	R.SGSPYGGGYSGGC SSGS[166.9984]GSPYGGGYSGGC	2	2.241	5.00E-07	-0.005	0	68.33	18	68	1	378	-2.73
1956.8	13	P52292	R.NVSSFPDDATSLQ NVSSFPDDATSS[166.9984]PLQE	3	0.149	0.034	-0.004	0	22.92	21	23	1	529	-1.78
1164.5	4	P52594	K.GTPSQSPVGR.S GTPSQS[166.9984]PVVGR	2	-0.655	0.024	-0.002	0	31.76	21	25	4	562	-1.54
1970.8	6	P52701	K.SEEDNEIESEEVQP SEEDNEIES[166.9984]EEVQPK	2	0.228	0.003	-0.005	0	24.64	19	32	3	1360	-2.48
2289	14	P52756	K.RGLVAAYSQSDNI RGLVAAYSQSDS[166.9984]DNEE	3	0.655	0.011	-0.004	1	27.95	21	28	3	815	-1.76
2289	13	P52756	K.RGLVAAYSQSDNI RGLVAAYS[166.9984]GDSNDNEE	3	1.394	4.90E-04	-0.004	1	41.49	21	41	2	815	-1.76
1896.10	10	P52948	K.PAPPPQSQSPEVC PAPPQSQS[166.9984]PEVEQL	2	0.294	0.003	-0.005	0	34.3	21	114	8	1817	-2.64
1973.8	8	P52948	R.DENLANSSEYENK DENLAS[166.9984]SEYENK	2	0.595	0.001	-0.004	0	35.31	19	114	8	1817	-2.02
1971.7	17	P52948	K.YGLQSDSEEEHHP YGLQSDS[166.9984]DEEEHHP	3	1.346	0.002	-0.005	0	31.86	18	114	8	1817	-2.34
1896.9	23	P52948	K.PAPPPQSQSPEVC PAPPQSQS[166.9984]QSEVEQL	2	0.769	9.00E-04	-0.005	0	38.95	21	113	8	1817	-2.64
1318.6	8	P52948	K.PIPQTPESAGNK.H PIPQTP[181.014]PESAGNK	2	0.266	0.003	-0.003	0	34.02	21	114	8	1817	-2.16
2456	28	P53355	R.SNMSVARSDDTLDI SNMSVARS[166.9984]DDTLDEE	3	1.644	0.001	-0.004	1	36.79	20	37	3	1430	-3.37
1361.6	5	P53396	K.PAMPQSDVSPR.S PAMPQSDVSPS[166.9984]PR	2	0.77	8.50E-04	-0.003	0	38.01	20	44	3	1101	-2.22
1560.7	10	P53396	K.AKPAMPQSDVSPR AKPAMPQSDVSPS[166.9984]PR	2	-0.594	0.022	-0.002	1	24.37	20	44	3	1101	-1.33
1323.6	10	P53621	K.NLSPGAVESDVR.G NLS[166.9984]PGAVESDVR	2	0.184	0.003	-0.002	0	33.15	21	33	1	1224	-1.76
1439.6	12	P53985	K.DTDGGPKKEEESV.D TDGPKKEEES[166.9984]PV	2	0.029	0.005	-0.002	1	27.65	17	47	2	500	-1.58
1925.9	15	P53985	K.EEETSDVAGKPN.EEETS[166.9984]DVGKPNV	2	-0.095	0.007	-0.005	1	29.31	20	29	2	500	-2.51
1925.9	15	P53985	K.EEETSDVAGKPN.EEETS[181.014]SDVAGKPNV	2	-0.336	0.012	-0.005	1	26.86	20	27	3	500	-2.51
3394.4	23	P54105	K.FEESEKPEVADEEE FEESEKPEVADEEES[166.9984	3	1.41	5.10E-06	-0.009	1	59.44	19	71	2	237	-2.52
2645	13	P54105	K.EPVADEEESDDC.EPVADEEES[166.9984]DDDV	2	0.162	0.003	-8.00E-04	0	30.98	19	71	2	237	-0.3
1228.14	14	P54652_P081C	R.VEHANDQGNR.I VEHANDQGNR	2	0.472	0.002	-0.002	0	34.08	19	51	2	237	-1.81
1691.7	15	P54652_P1114	K.STAGDTHLGGEDFC STAGDTHLGGEDFDNR	2	-0.044	0.006	-0.005	0	30.85	21	39	2	363	-3.02
3002.3	13	P54725	R.EDKSPSESAPTTS EDKSPS[166.9984]EESAPTTS	3	0.226	0.031	-0.005	1	22.66	20	23	2	409	-1.7
2640.2	15	P54727	K.PAEKPAETPVATSP.PAEKPAETPVATS[166.9984]PT	3	1.41	7.40E-05	-0.007	1	48.45	20	151	4	409	-2.7
2214.9	10	P54727	K.PAETPVATSPATD.PAETPVATS[166.9984]PATD	2	2.732	4.70E-06	-0.004	0	62.97	22	151	4	409	-2.04
2640.2	14	P54727	K.PAEKPAETPVATSP.PAEKPAETPVATSPT[181.014]A	3	1.655	7.80E-06	-0.007	1	58.21	20	128	4	409	-2.7
2320.1	18	P55011	K.ELGLDISHLQGEELI ELGLDISHLQGEELLS[166.998	3	0.796	0.008	-0.004	0	29.36	21	29	3	1212	-1.72
2286.1	11	P55011	R.DEGPAAAGDGLGR DEGPAAAGDGLGRPLGTPSQS[1	3	0.311	0.023	-0.003	1	24.47	21	44	4	1212	-1.32
2320.1	7	P55011	K.ELGLDISHLQGEELI ELGLDISHLQGEELLS	3	0.656	0.011	-0.004	0	27.91	21	28	5	1212	-1.72
2787	18	P55081	R.MEREDSEEEEEIC MEREDS[166.9984]S[166.9984	3	1.161	0.004	-0.008	1	28.01	16	117	6	439	-2.86
2362	8	P55081	K.IVEPEVVGESDSE.V IVEPEVVGES[166.9984]DS[166	2	1.694	9.80E-05	-0.006	0	48.3	21	117	6	439	-2.6
2282	12	P55081	K.IVEPEVVGESDSE.V IVEPEVVGES[166.9984]DSEVE	2	2.732	6.90E-07	-0.005	0	70.2	21	117	6	439	-2.33
2877.2	18	P55081	K.RSLAALDALNTDDE RSLAALDALNT[181.014]DDEND	3	1.449	0.002	-0.004	1	35.85	21	168	8	439	-1.38
2282	8	P55081	K.IVEPEVVGESDSE.V IVEPEVVGES[166.9984]EVEE	2	2.207	3.40E-05	-0.005	0	53.33	21	239	8	439	-2.25
1987.13	13	P55196	K.SQDADSPGSSGAP.SQDADS[166.9984]PGSSGAP	2	2.297	2.60E-05	-0.004	0	53.33	20	88	8	1824	-2.65
1516.7	10	P55196	R.SSPNVANQPSPGK SSPNVANQPSPS[166.9984]PGG	2	1.987	4.70E-05	-0.002	0	51.23	21	88	8	1824	-1.82
1302.6	5	P55196	R.LFSQGDVSNK.V LFS[166.9984]QGQDVS	2	-0.693	0.024	-0.003	0	24.38	21	87	7	1824	-2.2
1923.8	6	P55265	K.TAESQTPPSATFSF TAEQ[181.014]TPPSATFS	2	0.53	0.002	-0.003	0	36.66	21	37	5	1226	-1.5
1393.6	7	P55327	K.NSPFTKSFEEK.V NSPFTKS[166.9984]FEEK	2	-0.947	0.045	-0.003	1	21.82	21	22	1	224	-2.02
3335.4	15	P55347	K.TEQDPCNCEPADEC TEQDPC[160.0307]SEPADEC	3	2.572	5.50E-05	-0.005	0	50.12	20	50	1	224	-1.54
1885.17	17	P55884	R.SDSRAQAVSEDAAG S[166.9984]DSRAQAVSEDAAG	2	-0.762	0.031	-0.004	1	22.74	20	70	2	814	-2.32
1885.9	9	P55884	R.SDSRAQAVSEDAAG S[166.9984]RAQAVSEDAAG	2	1.319	2.60E-04	-0.004	1	43.5	20	39	2	814	-2.32
4538	38	P55884	R.TEPAEAEAAAGSPS.TEPAEAEAAAGSPSPS[166.99	4	1.626	9.00E-04	-0.01	0	37.95	20	45	4	814	-2.13
4538	40	P55884	R.TEPAEAEAAAGSPS.TEPAEAEAAAGSPS[166.9984]G	4	0.191	0.008	-0.01	0	28.49	20	52	3	814	-2.13
4618	13	P55884	R.TEPAEAEAAAGSPS.TEPAEAEAAAGSPS[166.9984]G	4	0.265	0.02	-0.012	0	24.3	20	66	3	814	-2.62
4538	32	P55884	R.TEPAEAEAAAGSPS.TEPAEAEAAAGSPS[166.9984]G	4	0.15	0.004	-0.01	0	31.66	20	42	3	814	-2.13
1849.13	13	P60468	M.PGPTPSGTNVGSS.PGPTPSGTNVGSS[166.9984]G	3	0.271	0.027	-0.003	1	24.11	21	33	3	96	-1.68
1929.8	8	P60468	M.PGPTPSGTNVGSS.PGPTPSGTNVGSS[166.9984]GR	2	-0.754	0.028	-0.005	1	23.77	21	35	4	96	-2.76
1849.17	17	P60468	M.PGPTPSGTNVGSS.PGPTPSGTNVGSS[166.9984]GR	2	-0.832	0.032	-0.004	1	33.01	21	25	5	96	-2.06
1849.11	11	P60468	M.PGPTPSGTNVGSS.PGPTPSGTNVGSS[166.9984]GR	2	0.591	0.001	-0.004	1	37.27	21	34	3	96	-2.06
1544.7	7	P60660	K.DQGYEDYVEGLR.L DQGYEDYVEGLR	2	1.762	8.70E-05	-0.002	0	48.98	21	49	1	151	-1.64
976.45	8	P60709_A5A31	K.AGFAGDDAPR.A AGFAGDDAPR	2	0.543	0.001	-0.002	0	34.74	19	116	2	204	-2.04
1516.7	15	P60709_A5A31	K.QEYDESGPVS.VH.R QEYDESGPVS.VH.R	3	1.366	0.002	-0.004	0	35.06	21	148	3	204	-1.85
1870.9	11	P60709_A5A31	K.SYELPDGQVITIGNI S[166.9984]YELPDGQVITIGN	2	-0.366	0.012	-0.004	0	27.7	21	148	3	204	-1.51
1790.10	10	P60709_A5A31	K.SYELPDGQVITIGNI S[166.9984]YELPDGQVITIGN	2	1.648	1.30E-04	-0.003	0	46.74	20	118	2	204	-1.9
1198.5	9	P60709_P6273	K.DSVYGDEAQS.K.R DSVYGDEAQS	2	1.978	2.50E-05	-0.003	0	53.9	20	148	2	204	-1.61
998.49	6	P60709_P6273	R.DLTDYLMK.I DLTDYLMK	2	-0.752	0.028	-0.001	0	21.84	19	86	1	204	-1.4
1954.1	9	P60709_P632E	R.VAPEEHPVLLTEAPL VAPEEHPVLLTEAPLNPK	3	0.798	0.008	-0.004	0	23.31	15	111	8	204	-1.88
1132.5	8	P60709_P632E	R.GYSFTTAE.R GYSFTTAE	2	-0.771	0.031	-0.002	0	22.65	20	86	2	204	-2.06
1416.7	10	P61224_A6N1Z	K.DTDDVPMVLGNK.DTDDVPMVLGNK	2	-0.718	0.027	-0.003	0	24.04	21	24	2	204	-2.06
1370.6	7	P61247	R.ADGYEPPVQES.V ADGYEPPVQES[166.9984]V	2	0.243	0.003	-0.001	0	31.79	19	32	1	264	-0.85
1078.4	9	P61978	R.DYDDMSPR.R DYDDMS[166.9984]PR	2	0.624	0.001	-0.002	0	30.6	14	31	2	463	-1.86
1234.6	6	P61978	R.RDYDDMSPR.R RDYDDMS[166.9984]PR	2	-0.999	0.046	-0.002	1	18.4	18	34	4	463	-1.95
1106.5	7	P61978	R.NTDEMVELR.I NTDEMVELR	2	1.321	2.50E-04	-0.002	0	43.43	20	56	5	463	-1.84
2193.9	18	P61981	R.DNLTWTSDDQDC DNLTWTSDDQDCDDGEGNN	3	1.033	0.005	-0.003	0	29.73	21	71	3	247	-1.47
1643.8	8	P61981	K.NVTLENEPLNEER.NVTLENEPLNEER	2	-0.571	0.018	-0.003	0	25.68	21	90	3	247	-1.57
1909.14	14	P62070	K.FQEQCEPPSPETRI FQEQCE[160.0307]PPS[166.99	2	-0.444	0.013	-0.005	1	26.92	21	27	1	204	-2.4
1596.7	13	P62158	K.DTSEEEIREAFR.V DTSEEEIREAFR	2	-0.022	0.005	-0.004	1	31.91	21	31	1	149	-2.63
1265.6	7	P62158	K.DGNGVISAEL											

1667.7	11	P67809	K.NEGSESAPEGQAQI	NEGS[166.9984]ESAPEGQAQI	2	0.997	5.00E-04	-0.002	0	40.3	20	244	11	324	-0.94
3417.3	24	P67809	R.NYQQNQVNSSEGE	NYQQNQVNS[166.9984]ESGEKI	3	1.12	0.004	-0.007	1	29.63	18	214	9	324	-2.14
3417.3	20	P67809	R.NYQQNQVNSSEGE	NYQQNQVNS[166.9984]ESGEKI	3	1.374	0.002	-0.007	1	32.67	18	201	9	324	-2.14
1977.8	10	P67809	K.AADPPAENSAPAE	AADPPAENS[166.9984]SAPEAE	2	1.982	2.10E-06	-0.004	0	63.03	19	268	11	324	-2.08
3337.4	24	P67809	R.NYQQNQVNSSEGE	NYQQNQVNS[166.9984]GEKI	3	1.544	3.10E-04	-0.012	1	42.02	19	200	9	324	-3.65
1216.6	6	P78310	R.TPQSPVTLPPAK.V	TPQS[166.9984]PTLPPAK	2	-0.918	0.045	-0.002	0	22.13	21	22	1	365	-1.74
1767.7	10	P78316	K.RFGEYNSNMSPEEK	RFGEYNSNMS[166.9984]PEEK	2	-0.175	0.007	-0.004	2	26.56	18	27	2	857	-2.2
3284.4	25	P78332	R.EGETQGVAFEHESP	EGETQGVAFEHESPADFNQNSQ[3]	3	1.41	3.10E-06	-0.009	0	63.28	21	63	2	1123	-2.61
3364.3	28	P78332	R.EGETQGVAFEHESP	EGETQGVAFEHESPADFNQNSQ[16]	3	1.022	0.005	-0.008	0	30.57	20	69	2	1123	-2.61
3518.6	17	P78345	R.IEDSGENLEPLESI	IEDSGENLEPLESDRELLDTS[1]	3	1.565	0.001	-0.013	1	36	20	36	1	283	-3.56
1476.7	7	P78345	R.ELDTSFEDLSK.P	ELDTS[166.9984]FEDLSK	2	-0.801	0.021	-0.002	0	24.38	22	24	2	283	-2.4
3518.6	10	P78345	R.IEDSGENLEPLESI	IEDSGENLEPLESDRELLDTSF3	3	1.427	0.002	-0.013	1	34.67	20	35	1	283	-3.56
1352.6	4	P78347	R.SILSPGGSCGPIK.V	SILS[166.9984]PGGSC[160.030]	2	-0.496	0.017	-0.002	0	25.35	20	25	2	998	-1.76
3420.6	16	P78347	K.INSSPNVNTASGV	INSSPNVNT[181.014]TAGSVD	3	0.154	0.033	-0.003	0	21.94	20	22	1	998	-0.97
1242.6	7	P78362	R.TVSASSTGDLPK.A	TVSASST[181.014]GDLPK	2	0.174	0.004	-0.002	0	33.1	21	51	2	688	-0.97
5036.3	28	P78362	K.APLVPPPPPPPPPI	APLVPPPPPPPPPPPPPPDPPTPI	4	0.038	5.80E-04	-0.004	0	36.53	17	51	2	688	-0.79
5036.3	28	P78362	K.APLVPPPPPPPPPI	APLVPPPPPPPPPPPPPPDPPT[18]	4	0.319	0.009	-0.004	0	24.74	17	25	1	688	-0.79
1242.6	9	P78362	R.TVSASSTGDLPK.A	TVS[166.9984]ASSTGDLPK	2	-0.555	0.019	-0.002	0	25.67	21	28	2	688	-1.88
2395	16	P78527	K.LTPLPEDNSMNVDC	LTPLEPNS[166.9984]MNVDC	2	-0.819	0.033	-0.004	0	23.07	21	23	2	4128	-1.64
1496.6	7	P78536	K.SFEDLTDHPVTR.S	[166.9984]FEDLTDHPVTR	2	0.006	0.005	-0.003	0	31.42	21	31	1	824	-2.02
2778.2	25	P80723	K.AEGAAATEEGTPKE	AEGAAATEEGTPKE[181.014]PKESEF	3	2.572	2.30E-05	-0.007	1	53.38	20	96	9	227	-2.61
1466.6	10	P80723	K.ETPAATEAPSPDK	ETPAATEAPSPDK[181.014]PK	2	0.226	0.003	-0.003	0	33.62	21	96	9	227	-1.86
2012.8	18	P80723	K.SDGPASDCKPGSS	SDGPASDCKPGSS[166.9984]DSKPGSS	2	-0.876	0.037	-0.002	1	21.5	20	75	6	227	-1.62
1466.6	8	P80723	K.ETPAATEAPSPDK	ETPAATEAPSPDK[166.9984]TPK	2	0.092	0.004	-0.003	0	32.18	21	75	6	227	-1.86
2298.1	20	P80723	K.AEPPKAPEQEQA	AEPPKAPEQEQAAGPAAGGEAF	3	0.484	0.015	-0.006	1	25.19	20	100	7	227	-2.49
1932.9	9	P80723	K.SDGPASDCKPGSS	SDGPASDCKPGSS[166.9984]EAPSSK	2	-0.606	0.02	-0.002	1	24.16	20	94	8	227	-0.93
2716.2	13	P80723	K.AAEAAAAPEAES	AAEAAAAPEAES[166.9984]AAPA	3	0.151	0.038	-0.006	1	21.85	20	94	8	227	-2.33
2012.8	19	P80723	K.SDGPASDCKPGSS	SDGPASDCKPGSS[166.9984]DAPASDCKPGSS	2	-0.56	0.018	-0.002	1	24.62	20	94	8	227	-1.25
3092.4	29	P82094	R.SATPVNCEQDILV	SAT[181.014]PVNCEQDILV	3	1.41	7.10E-05	-0.007	0	48.29	19	70	4	1093	-2.19
1559.6	10	P82094	R.SVSEINSDDELSG	SVSEINSDDELSG[166.9984]DDELSG	2	0.726	8.90E-04	-0.003	0	37.52	20	63	6	1093	-1.69
1532.7	9	P82094	K.SNTEQSPPIASPK	SNTEQSPPIASPK[166.9984]PIASPK	2	-0.772	0.034	-0.004	0	23.54	21	63	6	1093	-2.35
2497	12	P84157	K.GPSSGPEEEDGEG	GPSSGPEEEDGEGSFKYS[166.9984]	2	-0.53	0.018	-0.004	1	25.06	20	80	3	204	-1.51
2497	13	P84157	K.GPSSGPEEEDGEG	GPSSGPEEEDGEGS[166.9984]	3	1.152	0.004	-0.005	1	31.92	20	80	3	204	-1.91
3265.3	20	P84157	R.QEEQDLDEGKGP	QEEQDLDEGKGPSS[166.9984]	3	2.572	4.50E-06	-0.007	1	60.59	20	80	3	204	-2.21
1964.7	12	P84157	K.GPSSGPEEEDGEG	GPSS[166.9984]EGPEEEDGEGF	2	-0.175	0.007	-0.004	0	27.58	19	54	3	204	-2.31
2942.2	15	P85037	R.SGGQLTPECLREG	SGGQLTPECLREG[160.0307]LS[166.9984]	3	0.485	0.016	-0.009	1	26.25	21	26	3	733	-3.04
1384.6	5	P85037	R.SGGQLTPECLREG	SGGQLT[181.014]PEC[160.030]	2	-0.86	0.041	-0.002	0	20.66	19	42	11	733	-1.77
1576.7	12	P85037	R.EGSPPHDFEFGSK	EGSPPHDFEFGSK[166.9984]PHDFEFGSK	2	-0.926	0.049	-0.003	0	21	20	42	11	733	-2.17
2266.1	8	P85037	K.EEAPASPLRPLYPQ	EEAPASPLRPLYPQ[166.9984]PLRPLYPQ	3	0.442	0.019	-0.004	1	23.75	19	42	11	733	-1.71
1694.10	8	P86452	R.SESPIVAEQGLTM	SESPIVAEQGLTM[166.9984]PIVAEQGLTM	2	1.124	4.00E-04	-0.004	0	42.53	21	43	2	979	-2.06
1293.6	6	P98082	K.SSPNPFVGSPPK.G	SSPNPFVGSPPK[166.9984]PK	2	-0.292	0.011	-0.002	0	27.39	20	27	3	770	-2.46
2115.8	19	P98175	R.GLVAAVYSGDSEI	GLVAAVYSGDSEI[166.9984]DS[166.9984]	2	-0.971	0.044	-0.005	0	19.65	19	20	2	930	-2.36
1290.6	12	P98175	K.LASDDRRSPRR.G	LASDDRRSPRR[166.9984]PPR	2	-0.42	0.014	-0.003	1	26.13	20	69	3	930	-2.08
2035.5	15	P98175	R.GLVAAVYSGDSEI	GLVAAVYSGDSEI[166.9984]EDEC	2	1.985	2.60E-05	-0.004	0	54.23	21	69	3	930	-1.76
1859.8	11	Q00341	K.VATLNSSEESDPT	VATLNS[166.9984]EESDPTTYK	2	1.978	2.10E-05	-0.004	0	54.94	21	55	1	1268	-2.43
1334.6	6	Q00610	K.IYDSDNNPER.F	IYDSDNNPER	2	-0.054	0.005	-0.004	0	30.75	21	31	3	1675	-3.36
1291.6	8	Q00839	R.GYFYEIENK.Y	GYFYEIENK	2	0.881	6.80E-04	-0.002	0	39.17	20	86	4	825	-1.53
3206.4	27	Q00839	R.LQAALDDEEAGRR	LQAALDDEEAGRRPAMEPENGNS	3	1.41	2.60E-06	-0.001	1	64.36	21	86	4	825	-0.88
1560.6	8	Q01082	K.ESSPISPTSDRKA	ESS[166.9984]PIS[166.9984]F	2	-0.482	0.014	-0.003	1	25.54	20	26	6	2364	-1.33
1432.5	5	Q01082	K.ESSPISPTSDRKA	ESS[166.9984]PISPT[181.014]	2	-0.721	0.025	-0.002	0	21.12	18	24	7	2364	-1.52
1432.5	10	Q01082	K.ESSPISPTSDRKA	ESS[166.9984]PIS[166.9984]F	2	-0.911	0.038	-0.002	0	19.28	18	20	10	2364	-1.52
1480.8	7	Q01082	K.ESSPISPTSDRKA	ESSPISPTSDRKA[166.9984]DRK	2	-0.092	0.006	-0.002	1	30.3	21	32	9	2364	-1.49
2195	17	Q01105	K.EQQAIEHIDEVQN	EQQAIEHIDEVQNEIDR	3	0.97	0.005	-0.004	0	31.1	21	31	1	290	-1.71
1730.8	9	Q01130	K.VDNLTYRTPDTRL	VDNLTYRTPDTRL[181.014]SPDTRL	3	1.017	0.005	-0.003	1	31.57	21	32	2	221	-1.9
1751.7	20	Q01130	R.DAEDAMDAMDGA	DAEDAMDAMDGAVALDR	2	2.462	1.80E-05	-0.002	0	54.95	20	66	3	221	-1.42
1730.8	7	Q01130	K.VDNLTYRTPDTRL	VDNLTYRTPDTRL[166.9984]PDTRL	3	0.382	0.022	-0.003	1	25.15	21	67	3	221	-1.9
1754.8	7	Q01167	R.EGSPAPLEPEPGA	EGS[166.9984]PAPLEPEPGAQ	3	-0.837	0.034	-0.004	0	22.99	21	23	4	660	-2.41
1628.7	15	Q01518	K.PFSAPKQTSPPSK	PFSAPKQTSPPSK[166.9984]PS[166.9984]	3	0.345	0.024	-0.003	1	24.81	21	55	7	475	-2.09
1628.7	11	Q01518	K.PFSAPKQTSPPSK	PFSAPKQTSPPSK[181.014]SPS[166.9984]	3	0.727	0.001	-0.006	1	38.53	21	39	1	475	-3.74
1781.8	8	Q01650	K.SADGSAPAGEGEG	SADGSAPAGEGEGV[166.9984]PAGEGEGV	2	2.732	7.20E-06	-0.005	0	59.1	20	93	2	507	-2.78
1781.8	14	Q01650	K.SADGSAPAGEGEG	SADGSAPAGEGEGV[166.9984]ADGSAPAGEGEGV	2	2.053	4.30E-05	-0.004	0	50.89	20	93	2	507	-2.45
1781.8	13	Q01650	K.SADGSAPAGEGEG	SADGSAPAGEGEGV[181.014]JL	2	2.123	3.90E-05	-0.004	0	51.49	20	135	3	507	-2.11
1701.8	14	Q01650	K.SADGSAPAGEGEG	SADGSAPAGEGEGVTLQR	2	2.863	2.60E-06	-0.004	0	63.18	20	142	3	507	-2.61
1669.7	7	Q01664	K.DEGISDPIWEDEK	DEGISDPIWEDEK[166.9984]PDIWEDEK	2	-0.356	0.013	-0.001	0	25.77	19	26	1	338	-0.83
2112.9	15	Q01664	R.AEDKDEGIGSDPIA	AEDKDEGIGSDPIA[166.9984]PDIWE	3	0.321	0.025	-0.004	1	24.55	21	25	1	338	-1.65
1837.8	14	Q01814	K.SATSSPGSPHSLE	SATSSPGSPHSLETS[166.9984]	2	0.252	0.003	-0.002	0	33.88	21	39	2	1243	-0.93
1837.8	11	Q01814	K.SATSSPGSPHSLE	SATSSPGSPHSLETS[166.9984]PHSLETS	2	0.233	0.003	-0.001	0	33.66	21	53	2	1243	-0.55
3048.2	9	Q01831	K.SEAAPHTDAGGG	SEAAPHTDAGGGLS[166.9984]	3	1.41	1.00E-04	-0.007	0	46.15	19	46	1	940	-2.19
3048.2	34	Q01831	K.SEAAPHTDAGGG	SEAAPHT[181.014]DAGGGLS	3	1.544	0.001	-0.007	0	34.92	19	46	5	940	-2.19
2968.2	27	Q01831	K.SEAAPHTDAGGG	SEAAPHTDAGGGLS[166.9984]	3	1.087	0.004	-0.007	0	30.2	19	46	5	940	-2.35
2087.9	17	Q01831	K.DEALSDGDDLRFF	DEALS[166.9984]DGDRLDRFFS	2	-0.915	0.044	-0.006	1	21.21	20	50	3	940	-2.77
2044.9	19	Q02241	K.YMLTHQELASDGEI	YMLTHQELASDGEI[166.9984]DGEIE	3	0.375	0.02	-0.005	0	25.15	21	45	3	960	-2.24
3651.7	25	Q02447	K.IGPPSPQDDEEAAA	IGPPSPQDDEEAAA[166.9984]PGDDEEAAA	3	0.676	0.01	-0.005	0	27.09	20	27	1	960	-1.29
1538.7	7	Q02818	K.AQRLSQETALGR.S	AQRLSQETALGR[166.9984]QETALGR	2	-0.644	0.022	-0.004	1	24.87	21	25	2	461	-2.68
2413.1	27	Q02880	K.VKASPIINDGEDEF	VKAS[166.9984]PITNDGEDEFV	3	0.928	0.005	-0.005	1	30.68	21	149	17	1626	-2.1
2875.2	21	Q02880	K.SEDSIAKFDNEED	SEDSIAKFDNEEDS[166.9984]NEEDS	3	1.41	6.90E-04	-0.005	1	39.78	21	149	17	1626	-1.82
1859.8	7	Q02880	K.SESDLEETPVVPR	SES[166.9984]DLEETPVVPR	2	-0.897	0.037	-0.005	0	21.39	20	149	17	1626	-2.64
3290.3	14	Q02880	K.ASPITNDGEDEFV	ASPITNDGEDEFVPS[166.9984]I	3	0.194	0.036	-0.003	1	2					

1907.6	10	Q03188	K.NVDVDEEVHGSSD NDVDDEEVHGS[166.9984]SDD 2	-0.427	0.014	-0.002	0	20.09	14	20	3	943	-0.93
1827.7	10	Q03188	K.NVDVDEEVHGSSD NDVDDEEVHGS[166.9984]DD 2	0.206	0.004	-0.002	0	29.28	17	29	4	943	-1.24
1204.6	8	Q03252	R.AGGPATPLSPTLR.L AGGPATPLS[166.9984]PTR 2	-0.724	0.026	-0.002	0	24.12	21	45	5	600	-1.97
1348.6	8	Q03252	R.ATSSSSGSLSATGR. ATSS[166.9984]SSGSLSATGR 3	1.004	5.40E-04	-0.004	0	40.4	20	45	5	600	-2.76
3132.1	11	Q03701	R.SQLDDHPESDEEN.SQLDDHPES[166.9984]DDEENF 3	1.41	4.50E-04	-0.007	0	39.25	18	39	3	1054	-2.08
4347.6	10	Q04446	K.GLVYNCIQLMAMI GLVY[243.0297]NC[160.0307]I 4	-0.001	0.039	-0.015	0	17.68	16	18	4	702	-3.38
1357.7	7	Q04637	K.REALPPVSPK.A REALPPVS[166.9984]PLK 2	-0.278	0.011	-0.003	1	25.48	18	25	1	1599	-1.91
1201.6	11	Q04637	R.EAALPPVSPK.A EAALPPVS[166.9984]PLK 2	0.157	0.003	-0.002	0	31.86	20	32	2	1599	-1.65
2234	20	Q04656	R.VSITSEVSTNSPNS.VSITSEVSTNSPNS[166.9984]S 3	1.046	0.005	-0.004	0	31.86	21	46	3	1500	-1.9
1843.8	7	Q04726	K.DAPTSASVASSSS.DAPTS[166.9984]PASVASSSSTF 2	1.889	6.20E-05	-0.004	0	50.25	21	50	2	772	-2.44
2121.9	18	Q04917	R.DNLTWTSDDQDE.DNLTWTSDDQDEEAGEG 2	1.525	1.70E-04	-0.003	0	45.61	20	46	1	246	-1.33
1731.8	8	Q05209	K.DVDVSESDSPPPLR.DVDVSEDS[166.9984]PPPLPER 2	0.079	0.005	-0.002	0	31.1	20	31	2	780	-0.92
1604.7	9	Q06210	R.VDSTTCLFVPEEK.A VDS[166.9984]TT[160.0307]L 2	0.958	5.40E-04	-0.003	0	40.94	21	41	1	699	-1.6
1604.7	9	Q06210	R.VDSTTCLFVPEEK.A VDS[181.014]TT[160.0307]LF 2	-0.141	0.007	-0.003	0	29.92	21	30	1	699	-1.6
1283.5	12	Q06265	K.APIDTSVDEEK.A APIDTS[166.9984]DVEEK 2	1.133	3.80E-04	-0.003	0	41.69	20	42	2	439	-2.22
4385.8	32	Q06587	R.RPIPGSDQTTTMSG.RPIPGSDQTTTMS[166.9984]GG 4	-0.092	0.003	-0.016	1	30.91	18	31	2	406	-3.69
4305.8	28	Q06587	R.RPIPGSDQTTTMSG.RPIPGSDQTTTMSGGEPEGE 4	0.15	0.014	-0.014	1	25.04	19	25	2	406	-3.29
2974.1	17	Q06945	K.GDKVGGSSGGGGH.GDKVGGSS[166.9984]GGGGHG 3	0.173	0.034	-0.008	1	20.16	18	20	3	474	-2.65
3523.5	20	Q07157	K.VQIIVSRPDPPEVS.VQIIVSRPDPPEVS[166.9984]D 3	0.866	0.007	-0.009	1	29.06	20	110	10	1748	-2.55
1538.7	10	Q07157	K.SREDSLQAQPVQTK.I[S[166.9984]REDLSQAQPVQTK 2	-0.903	0.042	-0.003	1	22.33	21	110	10	1748	-1.89
2226	13	Q07157	R.LEEPTPAPSTYSYQ.LEEPTPAPSTYS[166.9984]POA 2	1.978	1.20E-06	-0.006	0	67.07	21	110	10	1748	-2.82
3523.5	28	Q07157	K.VQIIVSRPDPPEVS.VQIIVSRPDPPEVS[166.9984]D 3	1.472	2.80E-04	-0.009	1	42.84	20	129	10	1748	-2.55
3443.5	21	Q07157	K.VQIIVSRPDPPEVS.VQIIVSRPDPPEVS[166.9984]D 3	1.317	0.002	-0.006	1	34.52	21	129	10	1748	-1.62
1482.7	7	Q07157	R.IDSPGFKPASQK.I[IDS[166.9984]JGFKPASQK 3	-0.906	0.045	-0.003	1	22.33	21	101	12	1748	-2.04
3503.6	25	Q07157	K.AEASSPVYLPSETH.AEASS[166.9984]PVYLPSETHP 3	1.544	0.001	-0.009	0	36.33	20	105	13	1748	-2.46
1270.6	7	Q07955	K.VDGRPSVYGR.S VDGRPS[166.9984]PSYGR 2	-0.668	0.025	-0.002	1	23.68	20	24	4	248	-1.33
3045.2	35	Q08211	K.DKDDDDGGDDDAI.DKDDDDGGDDDDAN[160.0307 3	1.41	6.50E-06	-0.007	1	57.14	18	57	3	1270	-2.29
1637.7	14	Q08357	K.EGALRSVDESLSK'.EGALRSV[166.9984]DES[166.5 2	-0.92	0.046	-0.005	1	21.16	20	21	1	652	-2.93
1772.7	8	Q08495	K.STSPPPSEVWADS.ST[181.014]SPPPS[166.9984]P 2	-0.318	0.011	-0.004	0	27.18	20	27	1	405	-2.04
1772.7	7	Q08495	K.STSPPPSEVWADS.STS[166.9984]PPPS[166.9984] 2	0.392	0.002	-0.003	0	34.23	20	34	1	405	-1.93
1810.6	8	Q08499	K.DSGSQVEEDTSCD.DSGS[166.9984]QVEEDTSC[16 2	1.33	2.20E-04	-0.002	0	40.66	17	41	4	809	-1.31
2929.1	13	Q08945	K.EGMNPSYDEYADS.EGMNPSYDEYADS[166.9984]DI 3	1.472	1.50E-04	-0.006	0	43.06	17	43	3	709	-2.15
3174.3	21	Q08123	R.AGEPNSPDAEANS.AGEPNS[166.9984]PDAEANS[. 4	0.389	0.016	-0.005	0	25.58	20	140	6	767	-1.49
3094.3	13	Q08123	R.AGEPNSPDAEANS.AGEPNSPDAEANS[166.9984]P 3	2.572	6.60E-06	-0.008	0	60.4	21	140	6	767	-2.62
3094.3	15	Q08123	R.AGEPNSPDAEANS.AGEPNS[166.9984]PDAEANS 3	2.572	6.80E-06	-0.007	0	60.53	21	140	6	767	-2.3
2181	11	Q08123	R.ETSQLSPADLTKGK.ETSQLS[166.9984]PADLTKGKPT 2	-0.102	0.007	-0.005	1	29.24	20	197	7	767	-2.13
2041.8	7	Q09161	K.TSDANETEDHLESLI.TS[166.9984]DANETEDHLESLI 2	#####	0.006	-0.004	0	30.35	20	36	4	790	-1.95
2169.9	15	Q09161	K.RTSDANETEDHLESLI.KTS[166.9984]DANETEDHLESLI 3	0.362	0.025	-0.003	1	23.98	20	44	5	790	-1.21
2041.8	13	Q09161	K.TSDANETEDHLESLI.T[181.014]SDANETEDHLESLI[. 2	-0.457	0.016	-0.004	0	25.65	20	28	6	790	-1.95
2712.2	17	Q09472	K.TEKEEDQPSATST.TEKEEDQPSATSTQSS[166.998 3	0.416	0.02	-0.009	1	25.51	21	26	2	2414	-3.22
1230.5	12	Q09666	K.DIDISSPEFK.I DIDISS[166.9984]PEFK 2	-0.789	0.03	-0.002	0	21.47	19	416	19	5890	-1.51
1802.8	12	Q09666	R.LPSGSGAASPTGSA.LPS[166.9984]GSAASPT[181.0 2	1.978	2.90E-05	-0.004	0	53.21	20	416	19	5890	-2.02
1722.8	12	Q09666	R.LPSGSGAASPTGSA.LPS[166.9984]GSAASPTGSAV 2	2.732	3.90E-06	-0.004	0	62.12	21	416	19	5890	-2.33
989.47	6	Q09666	K.AEAPLPSK.L AEAPLPS[166.9984]PK 2	-0.011	0.005	-0.002	0	32.25	21	416	19	5890	-1.72
1812.8	14	Q09666	K.ASLGSEGEAEAEA.ASLGS[166.9984]LEGEAEAEAS 2	2.315	2.30E-05	-0.003	0	54.51	21	416	19	5890	-1.79
1838.9	19	Q09666	K.VSVPADLSEASE.VSVPADLSEASEGS[166.9984 2	-0.757	0.027	-0.003	0	23.79	21	416	19	5890	-1.68
1413.6	9	Q09666	K.GVGTSPSEASIS.GVGTSP[166.9984]PEASISGSK 2	2.732	7.30E-06	-0.002	0	60.45	22	416	19	5890	-1.65
1892.8	11	Q09666	K.ASLGSEGEAEAEA.ASLGS[166.9984]LEGEAEAEAS 2	1.978	1.10E-06	-0.004	0	66.48	19	416	19	5890	-2.25
1812.8	11	Q09666	K.ASLGSEGEAEAEA.ASLGS[166.9984]LEGEAEAEAS 2	2.305	2.30E-05	-0.003	0	54.41	21	416	19	5890	-1.73
1722.8	13	Q09666	R.LPSGSGAASPTGSA.LPSGSGAAS[166.9984]PTGSAV 2	1.978	7.40E-06	-0.004	0	59.52	21	416	19	5890	-2.16
1569.7	11	Q09666	K.ISMQDVLDSLSPK.ISMQDVLDSLGS[166.9984]PK 2	2.735	6.00E-08	-0.002	0	80.31	21	506	19	5890	-1.27
1899.8	9	Q09666	R.LKXSDGVEGDLGET.LKS[166.9984]EDGVEGDLGETQ 3	1.472	0.001	-0.004	1	37.86	20	461	24	5890	-2.02
1802.8	12	Q09666	R.LPSGSGAASPTGSA.LPS[166.9984]GSAAS[166.99 2	0.635	0.001	-0.004	0	36.68	20	461	24	5890	-2.02
1912.8	20	Q09666	R.DDGVFVQEVQNS.DDGVFVQEVQNS[166.9984]P. 2	0.536	0.002	-0.003	0	35.62	20	504	23	5890	-2.01
1566.7	6	Q09666	K.GDRSPGQWTWR.GDRS[166.9984]PEPGQWTWR 2	0.021	0.005	-0.003	1	31.54	21	461	24	5890	-1.72
1574.6	8	Q09666	K.GHYEVTGSDDET.GHYEVTGS[166.9984]DDETG 3	0.548	0.016	-0.004	0	23.83	18	396	18	5890	-2.25
1892.8	13	Q09666	K.ASLGSEGEAEAEA.AS[166.9984]LSLEGEAEAEAS 2	1.169	3.80E-04	-0.004	0	40.91	19	392	21	5890	-2.25
1722.8	9	Q09666	R.LPSGSGAASPTGSA.LPSGS[166.9984]GAASPTGSAV 2	2.429	1.80E-05	-0.004	0	55.51	21	392	21	5890	-2.33
1553.7	7	Q09666	R.ISMSEVDLNVAAK.IS[166.9984]MSEVDLNVAAK 2	1.617	1.20E-04	-0.002	0	47.5	21	461	24	5890	-1.39
3974.7	20	Q0J829	K.DAESVECPDADSL.DAESVE[160.0307]PDADS[16 3	1.41	8.00E-10	-0.006	1	97.89	19	98	4	810	-1.53
1969.7	20	Q12789	R.KNSSTDQGSDEEGS.KNS[166.9984]TDQGS[166.99 2	1.978	1.60E-05	-0.003	1	52.76	17	82	6	2109	-1.44
3121.3	21	Q12789	R.EDPQARPLEGSSSEI.EDPQARPLEGSSSESDPPEGQAP 3	0.631	0.011	-0.008	1	27.71	21	82	6	2109	-2.54
2425	15	Q12789	R.PLEGGSSSDSPPGK.PLEGGSSSDSPPGQAPPSS[16 3	2.631	4.00E-05	-0.005	0	51.74	20	133	8	2109	-2.24
1969.7	11	Q12789	R.KNSSTDQGSDEEGS.KNS[166.9984]TDQGS[166.99 2	0.253	0.003	-0.003	1	29.86	17	133	8	2109	-1.44
1969.7	12	Q12789	R.KNSSTDQGSDEEGS.KNS[181.014]DQGS[166.998 3	1.41	9.60E-04	-0.003	1	35.08	17	82	6	2109	-1.34
1761.1	11	Q12789	R.KNSSTDQGSDEEGS.KNS[166.9984]DEEGSLQ 2	2.14	2.20E-05	-0.005	0	53.38	19	134	6	2109	-3.1
1900.8	10	Q12797	K.LGIYDADGGDDFD.LGIYDADGGDDFDVDDAK 2	2.735	2.00E-07	-0.005	0	75.2	21	75	4	758	-2.7
3938.8	21	Q12797	R.STSEPAVPEEAEPI.STSEPAVPEEAEPIHEPEEQVPI 3	0.583	0.014	-0.006	0	26.16	20	84	4	758	-1.63
2366.9	7	Q12802	R.DMAECTPLPDCS.DMAEC[160.0307]STPLPDC[1 3	1.048	0.048	-0.008	1	18.88	18	19	4	2813	-2.42
2366.9	13	Q12802	R.DMAECTPLPDCS.DMAEC[160.0307]STPLPDC[1 3	1.668	0.001	-0.006	0	35.68	18	42	4	2813	-2.42
2446.9	12	Q12802	R.DMAECTPLPDCS.DMAEC[160.0307]STPLPDC[1 3	0.627	0.011	-0.005	0	23.67	17	42	4	2813	-2.23
2366.9	10	Q12802	R.DMAECTPLPDCS.DMAEC[160.0307]STPLPDC[1 3	1.655	1.80E-04	-0.006	0	43.1	18	43	3	2813	-2.42
3197.3	21	Q12830	R.QEQSPNANNDQPE.QEQS[166.9984]PNANNDQPED 3	1.724	8.70E-04	-0.006	0	38.64	21	39	3	3046	-1.83
2287	17	Q12846	K.AIEPQKEADENYN.AIEPQKEADENYS[166.9984] 2	-0.398	0.015	-0.003	1	27.33	21	27	1	297	-1.43
2620.1	18	Q12857	R.SPGSGSSQSGWHE.S[166.9984]PGSGSSQSGWHEV 3	0.171	0.035	-0.006	0	23.04	21	23	3	509	-2.19
3022.2	12	Q12872	K.SGVSDNEDDDDEI.SGVSS[166.9984]DNEDDDDEI 3	1.41	4.70E-06	-0.007	0	59.84	19	110	4	951	-2.2
1689.6	10	Q12872	R.VKLDDDDDDDEES.VKLDDDS[166.9984]DDDEESK 2	1.982	2.10E-06	-0.004	1	61.49	17	90	4	951	-2.05
3022.2	8	Q12872	K.SGVSDNEDDDDEI.SGVSS[166.9984]DNEDDDDEI 3	1.544	9.10E-05	-0.007	0	47	19	90	5	951	-2.2
1917.7	13	Q12873	K.METEADAPSPAPSL.METEADAPS[166.9984]PAPS[1 2	-0.087	0.006	-0.005	0	29.49	20	148	9	2000	-2.54
2413	11	Q12873	K.METEADAPSPAPSL.METEADAPS[166.9984]PAPS[1 3	1.207	0.003	-0.004	1	33.47	21	148	9	2000	-1.74
2258.9	6	Q12873	R.KNDMDPEPPLDYG.KNDMDPEPPLDYGSS[166.9984] 2	0.985	5.60E-04	-0.005	1	39.21	19	148	9	2000	-2.13

1619.7	14	Q13112	R.TQDPPSSGTPPQA QDPPSS[166.9984]PGTTPPQAR	2	0.605	0.001	-0.004	0	38.41	22	37	4	559	-2.42
1631.8	8	Q13112	R.GSSPGRPRVEGTPA GSS[166.9984]PGPRPRVEGTPAS	3	0.218	0.029	-0.004	1	24.51	22	25	3	559	-2.41
3846.8	28	Q13112	K.TDTPSSVPTSVIST TDTPSSVPTSVISTPSTEEIQSETP	3	0.626	0.012	-0.007	0	27.61	21	26	4	559	-1.83
1631.8	16	Q13112	R.GSSPGRPRVEGTPA GS[166.9984]SGPRPRVEGTPAS	3	0.944	0.005	-0.004	1	31.87	22	32	2	559	-2.41
1161.5	11	Q13177	K.YLFTTPEK.D YLS[166.9984]FTTPEK	2	-0.139	0.007	-0.002	0	29.97	21	30	3	524	-1.68
1552.6	7	Q13185	R.LTWHSCPEDEAQ.. LTWH[166.9984][160.0307]J	2	-0.827	0.036	-0.003	0	20.02	18	20	3	183	-1.86
2587	14	Q13188	R.ELEEEENSDSEDEL ELEEEENS[166.9984]DEDELDS	3	0.625	0.012	-0.006	0	25.6	19	26	1	491	-2.23
2298.1	24	Q13200	K.APVQOQQAAPAA APVQOQQA[166.9984]PAAAPG	3	2.384	2.20E-04	-0.006	1	45.24	21	45	1	908	-2.47
1928.9	14	Q13200	K.APVQOQQAAPAA APVQOQQA[166.9984]PAAAPG	2	2.085	4.20E-06	-0.004	0	61.73	20	104	3	908	-2.1
1614.6	7	Q13242	R.GSPHYFSPFR.. GS[166.9984]PHYFS[166.9984]2	2	-0.861	0.041	-0.002	1	20.7	19	21	1	221	-1.56
1202.6	6	Q13247	R.SNSPLVPPPSK.A SNS[166.9984]PLVPPPSK	2	-0.047	0.005	-0.002	0	30.89	21	44	3	344	-1.97
1110.6	6	Q13247_Q081	R.LUVENLSR.C LUVENLS[166.9984]R	2	-0.421	0.013	-0.002	0	27.05	21	56	6	835	-1.83
3638.7	16	Q13263	R.LASPSGSSGLEVV LAS[166.9984]PSGSSGLEVVA	3	0.669	0.012	-0.009	0	27.09	20	73	6	835	-2.41
1201.5	12	Q13263	R.SGEGVSGLMR.K S[166.9984]GEGVSGLMR	2	1.097	4.30E-04	-0.002	0	39.33	18	73	6	835	-1.8
3718.6	11	Q13263	R.LASPSGSSGLEVV LASPS[166.9984]T[181.014]	3	1.41	4.50E-04	-0.007	0	41.38	20	73	6	835	-1.91
4865.9	14	Q13263	K.AATDAQDANQCCT AATDAQDANQC[160.0307]C[14	4	0.038	0.026	-0.006	0	20.35	17	73	6	835	-1.28
3638.7	14	Q13263	R.LASPSGSSGLEVV LASPS[166.9984]GSSGLEVVA	3	0.745	0.01	-0.009	0	27.8	20	69	6	835	-2.41
3718.6	13	Q13263	R.LASPSGSSGLEVV LAS[166.9984]PS[166.9984]GS	3	1.472	6.10E-04	-0.007	0	40.01	20	69	6	835	-1.91
3718.6	9	Q13263	R.LASPSGSSGLEVV LASPSGSS[166.9984]S	3	0.159	0.039	-0.007	0	21.94	20	69	8	835	-1.91
3638.7	24	Q13263	R.LASPSGSSGLEVV LASPSGSS[166.9984]GLEVVA	3	1.254	0.003	-0.009	0	32.9	20	61	5	835	-2.41
1444.6	9	Q13263	R.SRSGEGVSGLMR.J SRS[166.9984]GEGVSGLMR	2	0.245	0.003	-0.002	1	32.71	20	87	8	835	-1.45
3638.7	25	Q13263	R.LASPSGSSGLEVV LASPSGSS[166.9984]TSSGLEVVA	3	2.688	5.20E-05	-0.009	0	50.51	20	98	6	835	-2.41
3296.3	28	Q13283	R.YQDEVGGFVTEPC YQDEVGGFVTEPQES[166.9984]	4	0.345	0.016	-0.005	0	26.14	21	52	4	466	-1.53
1964.9	17	Q13283	K.SSSPAPADIAQTVQ SSS[166.9984]PAPADIAQTVQE	3	0.27	0.025	5.00E-04	0	24.1	21	52	4	466	0.27
1964.9	16	Q13283	K.SSSPAPADIAQTVQ S[166.9984]SSPAPADIAQTVQE	3	1.323	0.002	5.00E-04	0	34.58	21	162	6	466	0.27
1658.7	8	Q13286	R.FSDSEGEETVPEPR FSDS[166.9984]EGETVPEPR	2	-0.324	0.01	-0.004	0	27.12	20	76	3	438	-2.14
1814.8	20	Q13286	R.RFSDSEGEETVPEPR RFS[166.9984]DSEGEETVPEPR	2	2.732	1.50E-06	-0.004	1	65.89	20	76	3	438	-2.51
3124.4	23	Q13425	K.KPSVSLDLPWEGA.K KPSVSLDLPWEGAAPQS[166.9984]	3	0.359	0.021	-0.007	1	24.95	21	50	5	540	-2.33
1401.7	10	Q13425	R.GPAGAGASPPVR.G GPAGAGAS[166.9984]PPVRR	2	-0.7	0.026	-0.003	1	25.33	22	62	6	540	-1.95
3204.4	23	Q13425	K.KPSVSLDLPWEGA.K KPSVSLDLPWEGAAPQSPSFGS	3	1.518	0.002	-0.006	1	36.51	21	128	7	540	-1.87
3204.4	22	Q13425	K.KPSVSLDLPWEGA.K KPSVSLDLPWEGAAPQS[166.9984]	3	0.926	0.006	-0.006	1	30.61	21	62	6	540	-1.87
3124.4	27	Q13425	K.KPSVSLDLPWEGA.K KPSVSLDLPWEGAAPQSPSFGS	3	1.655	4.30E-05	-0.007	1	51.83	21	63	5	540	-2.23
1245.6	8	Q13425	R.GPAGAGASPPVR.G GPAGAGAS[166.9984]PPVRR	2	0.324	0.002	-0.002	0	34.64	21	63	5	540	-1.47
3204.4	18	Q13425	K.KPSVSLDLPWEGA.K KPSVSLDLPWEGAAPQSPSFGS	3	1.323	0.002	-0.006	1	34.63	21	32	4	540	-1.87
1222.6	8	Q13425	R.GLPPSPAPP.PR.G GLPPS[166.9984]PPAPP	2	1.954	5.40E-05	-0.003	0	50.8	21	128	7	540	-2.2
1831.6	14	Q13427	K.KFDHESPQDDEK.K KFDHES[166.9984]S[166.9984]2	2	-0.475	0.014	-0.002	1	19.54	14	20	3	754	-1.17
2558.1	9	Q13428	R.SSSESEDEDVIPAT SSSSES[166.9984]EDEDVIPATQ	2	1.911	6.20E-05	-0.003	0	50.47	21	194	9	1488	-1.24
2830.2	20	Q13428	K.SAEPANTLTVSETE SAEPANTLTVSE[181.014]EEE	3	0.073	0.047	-0.006	0	22.03	21	194	9	1488	-2.01
1467.6	12	Q13428	K.LGAGEGGEASVPE LGAGEGGEASV[166.9984]PEK	2	1.767	8.20E-05	-0.003	0	49.03	21	194	9	1488	-2.23
1442.7	11	Q13428	K.LDSSPSVSTLAAK.I LDSS[166.9984]PSVSTLAAK	2	1.985	4.70E-05	-0.003	0	50.65	20	124	7	1488	-2.16
1595.7	14	Q13428	K.KLAGEGGEASVSP.KLAGEGGEASV[166.9984]PE	2	0.737	9.90E-04	-0.004	1	38.63	21	142	9	1488	-2.4
2830.18	18	Q13428	K.SAEPANTLTVSETE SAEPANTLTV[166.9984]ETEE	3	2.672	1.20E-04	-0.006	0	48.05	21	142	9	1488	-2.01
3995.8	23	Q13428	K.QDDSGSSSESDSD QDDSGSS[166.9984]EESDSDG	3	1.394	1.40E-04	-0.003	1	43.93	18	209	9	1488	-0.8
1467.6	13	Q13428	K.LGAGEGGEASVPE LGAGEGGEAS[166.9984]VPEK	2	2.319	2.30E-05	-0.003	0	54.5	21	132	8	1488	-2.23
2558.1	20	Q13428	R.SSSESEDEDVIPAT S[166.9984]SSSESEDEDVIPATQ	2	-0.114	0.007	-0.003	0	30.22	21	190	7	1488	-1.24
3995.8	13	Q13428	K.QDDSGSSSESDSD QDDSGSSSESDS[166.9984]DG	3	1.559	2.80E-05	-0.003	1	51.09	18	190	7	1488	-0.8
2681.3	20	Q13428	R.TQPSGSDVAVGTL TQPSGSDVAVGTLPTS[166.9984]	3	1.031	0.004	-0.005	0	30.64	20	142	9	1488	-1.75
2534	15	Q13428	R.VDPSSTSESEEEEE VDPSSTSES[166.9984]SEEEEE2	2	1.704	1.10E-04	-3.00E-04	0	46.26	19	249	10	1488	-0.14
1407.6	6	Q13433	K.YESQLSTNEEK.V YESQL[181.014]NEEK	2	-0.571	0.017	-0.002	0	25.65	21	26	2	755	-1.85
1407.6	10	Q13433	K.YESQLSTNEEK.V YESQL[166.9984]NEEK	2	-0.338	0.01	-0.003	0	27.88	21	28	1	755	-1.85
2442.2	8	Q13435	K.KIEEAMDSGETPQL KIEEAMDSGET[181.014]PQLFT	3	1.187	0.003	-0.004	1	32.27	20	104	3	895	-1.46
2100.8	9	Q13435	R.SSLGQSASETEEDT.SSLGQS[166.9984]AS[166.9984]2	2	-0.111	0.007	-0.005	0	29.25	20	104	3	895	-2.35
2020.9	11	Q13435	R.SSLGQSASETEEDT.SSLGQSAS[166.9984]EETEDTVS	2	2.732	1.20E-07	-0.005	0	77.65	21	104	3	895	-2.29
2580.10	10	Q13435	K.GFEEHKDSDDDSS GFEEHKDS[166.9984]DDSDS[1]	3	0.309	0.023	-0.005	1	16.44	13	90	3	895	-1.98
1761.7	10	Q13439	R.TSFTTEQLDEGTPNR.TS[166.9984]TEQLDEGTPNR	2	-0.018	0.006	-0.003	0	30.18	20	91	3	2230	-1.94
2096.9	14	Q13439	K.EENPESDGEVVED EENPES[166.9984]GEPVVEDG	2	1.985	1.50E-06	-0.006	0	65.63	20	93	3	2230	-2.98
1761.7	11	Q13439	R.TSFTTEQLDEGTPNR.TS[166.9984]SFTTEQLDEGTPNR	2	1.939	6.30E-05	-0.003	0	49.7	20	50	4	2230	-1.94
2191.7	12	Q13442	K.SLDSDESEDEEDDY.SLDS[166.9984]DES[166.9984]2	2	1.978	4.40E-06	-0.005	0	56.27	15	132	4	181	-2.35
2111.7	15	Q13442	K.SLDSDESEDEEDDY.SLDS[166.9984]DESEDEEDDYQ	2	1.978	4.90E-06	-0.005	0	57.94	17	132	4	181	-2.33
2111.7	9	Q13442	K.SLDSDESEDEEDDY.SLDS[166.9984]DEEDDYQ	2	1.978	2.80E-05	-0.003	0	50.23	17	132	4	181	-1.62
2191.7	8	Q13442	K.SLDSDESEDEEDDY.SLDS[166.9984]LDSDES[166.9984]2	2	1.985	4.50E-06	-0.005	0	56.11	15	90	4	181	-2.35
2319.8	15	Q13442	K.SLDSDESEDEEDD.SLDS[166.9984]DES[166.9984]2	2	1.223	2.90E-04	-0.005	1	39.49	17	86	3	181	-2.11
2319.8	16	Q13442	K.SLDSDESEDEEDD.KS[166.9984]LDSDES[166.9984]3	2	0.363	0.022	-0.006	1	20.98	17	90	4	181	-2.55
1069.5	4	Q13443	R.HVSPVTPPR.E HVSP[166.9984]VTPPR	2	0.06	0.004	-0.002	0	30.96	20	31	1	819	-2.08
1806.8	17	Q13459	R.VQEKDPSGGSTQJ VQEKDPS[166.9984]GGSTQJC	3	1.31	0.002	-0.003	1	35.5	22	36	7	2157	-1.65
1536.7	11	Q13492	R.ITAAQHSVTSQSAV ITAAQHSVT[181.014]GSAVSK	2	0.857	7.60E-04	-0.004	0	38.88	20	39	3	652	-2.9
1570.7	5	Q13501	R.LTPVSPSSSTEEK.S LTPVSP[166.9984]PSSSSTEEK	2	-0.06	0.006	-0.003	0	29.76	20	100	8	400	-1.95
3606.15	15	Q13501	K.EVDPSTGELQSLQV.EVDPSTGELQSLQVPESEGPS	3	1.41	3.50E-06	-0.007	0	62.31	20	100	8	400	-1.99
3559.4	13	Q13501	K.IALESEGRPEEQME.IALESEGRPEEQMESDNC[160.03]	3	0.723	0.011	-0.009	1	26.63	19	100	8	400	-2.5
1813.8	13	Q13501	R.SRLTPVSPSSSTEEK.SRLT[181.014]VSPSSSSTEEK	2	-0.158	0.008	-0.005	1	28.78	20	100	8	400	-2.92
3606.6	31	Q13501	K.EVDPSTGELQSLQV.EVDPSTGELQSLQVPESEGPS[1	4	1.449	0.002	-0.006	0	36.24	20	121	10	400	-1.65
3639.4	17	Q13501	K.IALESEGRPEEQME.IALESEGRPEEQMES[166.9984]C	3	0.746	0.01	-0.008	1	25.82	18	121	10	400	-2.26
1570.7	11	Q13501	R.LTPVSPSSSTEEK.S LTPVSP[166.9984]SSSTEEK	2	1.033	4.80E-04	-0.003	0	40.66	20	96	7	400	-1.95
1813.8	14	Q13501	R.SRLTPVSPSSSTEEK.SRLT[166.9984]LTPVSPSSSTEEK	3	0.138	0.041	-0.004	1	21.72	20	118	7	400	-2.21
3606.6	11	Q13501	K.EVDPSTGELQSLQV.EVDPSTGELQSLQVPESEGPS[166.9984]	3	0.15	0.025	-0.006	0	23.95	20	133	10	400	-1.65
3606.15	10	Q13501	K.EVDPSTGELQSLQV.EVDPSTGELQSLQVPESEGPS[16	4	1.823	6.40E-04	-0.006	0	39.88	20	146	10	400	-1.65
2862.1	26	Q13501	R.RFSFCCSPEAEAE RFSF[160.0307]C[160.0307]S	3	0.794	0.009	-0.006	1	27.29	19	146	10	400	-2.21
3686.6	27	Q13501	K.EVDPSTGELQSLQV.EVDPSTGELQSLQVPESEGPS[16	3	1.559	0.001	-0.004	0	37.98	21	133	10	400	-1.16
2517.1	25	Q13523	K.LCDFGSASHVADN.LC[160.0307]DFGSASHVADNDI	3	1.362	0.002	-0.004	0	34.02	20	102	9	1007	-1.78
3534.3	28	Q1352												

2200.8	12	Q13895	R.MPQDGSDEEVEV MPQDGS[166.9984]DDEEVEWI 3	0.928	0.007	-0.004	0	28.68	19	103	4	437	-1.59
1648.7	10	Q14004	R.GGDVSPSPYSSSSA GGDVSP[166.9984]PSYSSSSWR 2	1.307	2.70E-04	-0.003	0	43.43	20	43	5	2012	-2.07
3008.2	24	Q14008	K.HSTSGTDEGEDGDF HSTSGT[181.014]DEGEDGDFE 3	0.199	0.031	-0.007	0	21.33	19	21	1	1532	-2.27
2051.8	12	Q14103	K.IDASKNEEDEGHSN IDASKNEEDEGHSNS[166.9984] 2	1.379	2.20E-04	-0.003	1	44.15	20	53	4	355	-1.49
2131.8	15	Q14103	K.IDASKNEEDEGHSN IDASKNEEDEGHSNS[166.9984] 3	0.065	0.042	-0.003	1	20.05	19	53	4	355	-1.44
2051.8	18	Q14103	K.IDASKNEEDEGHSN IDASKNEEDEGHSNS[166.9984] 3	0.731	0.01	-0.002	1	27.71	20	53	4	355	-0.9
2131.8	20	Q14103	K.IDASKNEEDEGHSN IDASKNEEDEGHSNS[166.9984] 3	0.112	0.037	-0.003	1	20.48	19	33	4	355	-1.21
2131.8	16	Q14103	K.IDASKNEEDEGHSN IDASKNEEDEGHSNS[166.9984] 3	0.018	0.046	-0.003	1	19.53	19	50	2	355	-1.21
2002.7	15	Q14137	R.IGDEYAEADSDDEED I GDEYAEAD[166.9984]S[166.95 2	1.45	2.00E-04	-0.005	0	40.86	16	29	2	746	-2.7
3399.4	28	Q14147	R.LQEEDQDGGSDDED LQEEDQDGS[166.9984]S[166.9 3	0.934	0.005	-0.007	1	29.7	20	30	1	1143	-2.04
2692.1	12	Q14157	K.STSAPQMSPGSSD STSAPQMSPGSS[166.9984]DN 3	1.006	0.005	-0.009	0	29.46	19	29	3	1087	-3.21
2612.1	17	Q14157	K.STSAPQMSPGSSD STSAPQMSPGSS[166.9984]DN 3	1.665	0.001	-0.007	0	36.98	20	69	6	1087	-2.73
2612.1	13	Q14157	K.STSAPQMSPGSSD STSAPQMSPGSS[166.9984]PGSSDN 3	0.372	0.023	-0.007	0	24.15	20	39	7	1087	-2.73
2040	11	Q14157	K.SPAVATSTAAPPSP SPAVATSTAAPPSPSS[166.9984] 2	0.581	0.001	-0.005	0	36.07	20	69	6	1087	-2.5
1416.7	12	Q14157	R.RYPSSISSPQK.D RYPSSISS[166.9984]SSPQK 2	-0.24	0.006	-0.003	1	30.02	20	69	6	1087	-1.87
1300.6	11	Q14160	R.NLSIESSIDR.E NLS[166.9984]LESISSIDR 2	1.449	1.70E-04	-0.002	0	45.85	21	140	13	1630	-1.4
2424	19	Q14160	R.RSEACPCQDPSGSP RSEAC[160.0307]PC[160.0307] 2	1.658	1.00E-04	-0.008	1	46.94	20	140	13	1630	-3.3
2964.2	20	Q14160	K.MAESPCSPGQQP MAESPC[160.0307]SPGQQQP 3	1.41	5.10E-04	-0.005	0	39.32	19	140	13	1630	-1.65
3148.4	19	Q14160	R.LALDGETLGEQEEL LALDGETLGEQEEDQPPWAS[1 3	0.663	0.012	-0.005	0	26.99	20	167	18	1630	-1.72
3044.2	21	Q14160	K.MAESPCSPGQQP MAESPC[160.0307]S[166.9984] 3	0.345	0.023	-0.011	0	22.81	19	167	18	1630	-1.88
4174.9	17	Q14160	R.LAEAPSPAPTPSPF LAEAPSPAPTPSPFVLDLGPQT 5 4	0.246	0.005	-0.008	1	27.74	17	167	18	1630	-3.53
2195	13	Q14160	R.NLSIESSIDRELSPE NLSIESS[166.9984]DRELSPE 3	1.39	0.002	-0.004	1	35.23	21	120	14	1630	-1.6
3148.4	24	Q14160	R.LALDGETLGEQEEL LALDGETLGEQEEDQPPWASP 3	1.472	2.30E-04	-0.007	0	44.43	21	162	14	1630	-2.1
2267.9	9	Q14160	R.SEACPCQDPSGSL SEAC[160.0307]PC[160.0307]C 2	-0.832	0.038	-0.006	0	21.01	19	162	14	1630	-2.47
3148.4	30	Q14160	R.LALDGETLGEQEEL LALDGETLGEQEEDQPPWASP 3	1.55	0.001	-0.007	0	36.85	21	147	13	1630	-2.1
2964.2	19	Q14160	K.MAESPCSPGQQP MAESPC[160.0307]SPS[166.99 3	1.376	0.002	-0.005	0	33.19	19	92	11	1630	-1.65
4174.9	25	Q14160	R.LAEAPSPAPTPSPF LAEAPSPAPTPSPFVLDLGPQT 5 4	-0.092	0.017	-0.008	1	22.2	17	67	9	1630	-1.88
2267.9	9	Q14160	R.SEACPCQDPSGSL SEAC[160.0307]PC[160.0307]C 2	-0.691	0.028	-0.006	0	22.4	19	167	18	1630	-2.47
1555.8	7	Q14160	R.LRVQSPPEPPAPER.# LRVQSP[166.9984]PEPPAPER 3	0.429	0.018	-0.004	1	25.65	21	167	18	1630	-2.38
2609.2	17	Q14160	R.MVEPENAVITPLR MVEPENAVITPLREPDDYS[166. 3	0.269	0.028	-0.009	1	24.04	21	162	14	1630	-3.56
2085.9	12	Q14165	K.KEEEEEEVEYEGSN KEEEEEEVEYEGSNLK 3	2.572	4.90E-06	-0.004	1	60.69	20	61	2	292	-1.77
4217.9	17	Q14202	R.RGSPQEEELPQGC RSPQEEELPQGPQPS[166.99 4	-0.067	0.04	-0.008	1	19.12	18	19	8	1370	-1.8
1814.8	9	Q14247	K.TQTPPVSPAPQPT TQT[181.014]PPVSPAPQPT 2	1.978	4.20E-05	-0.004	0	51.28	20	87	6	550	-2.39
1590.7	10	Q14247	R.LPSSPVYDAASF.K LPSS[166.9984]PVYDAASF 2	1.975	6.00E-05	-0.002	0	51.11	21	87	6	550	-1.51
1894.8	8	Q14247	K.TQTPPVSPAPQPT T[181.014]QTPPVSP[166.9984] 2	-0.809	0.032	-0.005	0	22.27	20	87	6	550	-2.4
1894.8	10	Q14247	K.TQTPPVSPAPQPT TQT[181.014]PPVSP[166.9984] 2	1.157	3.60E-04	-0.005	0	41.83	20	123	4	550	-2.4
3386.5	16	Q14247	K.TQTPPVSPAPQPT TQT[181.014]PPVSP[166.9984] 3	0.081	0.048	-0.006	1	21.14	20	123	4	550	-1.86
3466.5	20	Q14247	K.TQTPPVSPAPQPT TQT[181.014]PPVSP[166.9984] 3	1.008	0.005	-0.002	1	30.51	20	111	5	550	-0.5
3386.5	18	Q14247	K.TQTPPVSPAPQPT TQT[181.014]PPVSPAPQPT 2	1.655	4.50E-04	-0.007	1	41.22	20	100	5	550	-2.1
1905.6	6	Q14258	R.ASAPSPNAQVACDI ASAP[166.9984]PNAQVAC[16 2	0.953	6.30E-04	-0.004	0	38.75	19	39	2	630	-2.06
2542	9	Q14432	R.VNPVTSLSENVYTC VNPVTSLSENVYTC[160.0307]S[1 2	-0.709	0.029	-0.003	0	22.27	19	21	4	1141	-1.41
1909.8	14	Q14498	R.TDASSASSFLDSELD TDASS[166.9984]ASSFLDSELD 2	1.654	1.10E-04	-0.003	0	46.76	20	48	2	530	-1.4
1134.6	6	Q14498	R.YRSPYSGPK.F YRS[166.9984]PYSGPK 2	-0.969	0.048	-0.002	1	21.53	21	48	2	530	-1.7
1362.6	9	Q14669	R.SESPAPLPSLR.R SES[166.9984]PPAPLPSLR 2	1.192	3.30E-04	-0.002	0	42.28	20	42	4	2092	-1.8
2530.1	17	Q14676	R.GPGAPGLAHQLESQ GPGAPGLAHQLESQAS[166.99 3	1.41	0.001	-0.006	0	37.55	21	59	6	2089	-2.3
2942.2	13	Q14676	R.ESEDETOPDFDTHL ESEDETOPDFDTHLEAVGPC[160. 3	1.41	3.80E-04	-0.007	0	42.15	20	59	6	2089	-2.55
2839.1	8	Q14676	R.SQTTTTERSDTDVE SQTT[181.014]TERDS[166.998 3	0.939	0.007	-0.007	1	27.72	18	51	6	2089	-2.55
2839.1	16	Q14676	R.SQTTTTERSDTDVE SQTT[181.014]TERDS[166.998 3	0.075	0.048	-0.007	1	19.1	18	96	10	2089	-2.54
1834.8	8	Q14677	K.ASPDQNASTHTPQ ASPDQNASTHTPQSS[166.9984] 2	-0.991	0.048	-0.002	0	21.31	21	21	2	625	-1.2
1914.8	9	Q14677	K.ASPDQNASTHTPQ ASPDQNASTHT[181.014]PQSS[ 2	0.388	0.002	-0.002	0	34.19	20	34	4	625	-1.01
1834.8	10	Q14677	K.ASPDQNASTHTPQ ASPDQNASTHTPQSS[166.9984] 2	-0.395	0.012	-0.002	0	27.34	21	33	3	625	-1.2
1834.8	11	Q14677	K.ASPDQNASTHTPQ ASPDQNASTHT[181.014]PQSSv 2	-0.871	0.036	-0.002	0	22.58	21	33	3	625	-1.2
1834.8	8	Q14677	K.ASPDQNASTHTPQ AS[166.9984]PQDQNASTHTPQSS 2	-0.849	0.033	-0.003	0	22.87	21	23	1	625	-1.53
3063.2	20	Q14684	R.VAEPGAEATSTGEE VAEPGAEATSS[166.9984]ST[181 3	0.103	0.041	-0.008	0	21.43	20	116	9	758	-2.56
1865.8	12	Q14684	R.VFVVEEDESSESLQ VFC[160.0307]VEEDES[166.99 2	2.35	2.02E-05	-0.006	0	54.86	21	116	9	758	-3.19
1108.6	5	Q14684	R.GSPTGGAQLL.R GS[166.9984]PTGGAQLL 2	-0.97	0.048	-0.002	0	20.56	20	170	14	758	-2.17
2108.9	10	Q14684	K.VGDGDLAEIPEIN VGDGDL[166.9984]AEIPEIN 2	2.105	3.80E-05	-0.005	0	52.38	21	147	9	758	-2.29
3063.2	16	Q14684	R.VAEPGAEATSTGEE VAEPGAEATSS[166.9984]STGEE 3	1.472	4.90E-05	-0.008	0	50.66	20	147	9	758	-2.56
3063.2	13	Q14684	R.VAEPGAEATSTGEE VAEPGAEATSS[166.9984]TGEE 3	1.544	2.10E-04	-0.008	0	44.36	20	170	14	758	-2.56
1422.7	9	Q14684	K.TPTSSPASSPLVAK.I TPTS[166.9984]PASSPLVAK 2	-0.749	0.027	-0.003	0	23.8	21	161	14	758	-2.24
2265	14	Q14684	K.VGDGDLAEIPEIN VGDGDL[166.9984]AEIPEIN 3	1.655	1.90E-04	-0.004	1	45.21	21	161	14	758	-2
2983.3	15	Q14684	R.VAEPGAEATSTGEE VAEPGAEATSSGEESS[166.9984] 4	-0.002	0.037	-0.004	0	22.67	21	116	9	758	-1.21
1422.7	10	Q14684	K.TPTSSPASSPLVAK.I TPTS[166.9984]SPASSPLVAK 2	-0.047	0.005	-0.003	0	30.79	21	170	14	758	-2.24
3143.2	9	Q14684	R.VAEPGAEATSTGEE VAEPGAEATSS[166.9984]T[181 3	0.719	0.009	-0.006	0	26.54	19	161	14	758	-1.86
3555.3	21	Q14687	K.GPPTQELDRSEEE GPPTQELDRS[166.9984]EEEE 3	1.668	1.60E-04	-0.009	1	43.5	18	44	7	1217	-2.55
1355.4	4	Q14692	K.AGLSPANCQSDR.V AGLS[166.9984]PANC[160.030 2	-0.154	0.008	-0.003	0	27.82	19	28	3	1282	-2.24
3201.4	18	Q14694	R.TCNSPQNSTSDVSC TC[181.014]C[160.0307]NSPQN 3	0.716	0.01	-0.005	0	27.56	20	78	2	798	-1.51
3107.2	22	Q14694	K.NHNSVNEEQEQGI NHNSVNEEQEQGEGS[166.998 3	1.472	6.70E-06	-0.007	0	57.52	18	73	4	798	-2.21
3201.4	20	Q14694	R.TCNSPQNSTSDVSC TC[160.0307]NS[166.9984]PQ 3	1.828	7.70E-04	-0.005	0	38.63	20	74	3	798	-1.51
2405	23	Q14699	R.GDHASLENEKPGTC GDHAS[166.9984]LENEKPGTGC 3	0.491	0.017	-0.003	1	26.31	21	26	1	578	-1.3
2672.2	28	Q14789	R.QASPETASPDGSC QAS[166.9984]PETASPDGSC 3	1.41	4.60E-04	-0.005	0	41.66	21	42	5	3259	-1.9
2672.2	8	Q14789	R.QASPETASPDGSC QASPETASPDGSS[166.9984]QN 3	1.472	4.50E-04	-0.005	0	41.99	21	42	3	3259	-1.9
3132.1	15	Q147X3	R.CFPFAGAALACSE C[160.0307]FPFAGAALAC[160. 3	1.41	1.90E-04	-0.01	0	42.88	18	42	3	362	-3.35
2958.4	20	Q14807	R.GPEEEIGSPPEMA GPEEEIGSPPEMAPASASQKLS 3	0.477	0.017	-0.01	1	25.11	20	25	1	665	-3.33
2815.1	14	Q14814	K.GFNGDCPEPDGEE GFNGDC[160.0307]D[166.9984] 3	1.105	0.004	-0.007	0	31.45	20	31	1	521	-2.59
2383	14	Q14839	K.STAPETAIQCTAPF STAPETAI[160.0307]TQAPAP 2	1.436	1.70E-04	-0.006	0	46.72	22	48	4	1912	-2.67
1095.5	7	Q14839	K.MSQQSPSPK.T MSQQSP[166.9984]PSPK 2	0.495	0.002	-2.00E-04	0	34.26	19	97	9	1912	-0.2
1095.5	6	Q14839	K.MSQQSPSPK.T MSQQSPS[166.9984]PK 2	0.436	0.002	-2.00E-04	0	33.75	19	80	6	1912	-0.2
1498.7	9	Q14966	K.QSSVTQVTEQSPK.I QSSVTQVTEQS[166.9984]PK 2	-0.285	0.01	-0.003	0	28.51	21	29	3	1978	-1.87
1117.5	11	Q14978	R.DNQLSEVANK.F DNQLSEVANK 2	-0.405	0.012	-0.002	0	26.31	20	93	5	699	-1.85
2574.9	17	Q14978	K.QQPVESEDSDES QQPVESEDSDES[166.998 3	1.41	4.40E-04	-0.004	0	37.52	16	93	5	699	-1.7
2661.9	11	Q14978	K.KASSSDSESEEEEE KASSS[166.9984]DS[166.9984] 3										

1914.8	8	Q15149	R.SSSVGSSSSYPISA' SSSVGSSS[166.9984]Y[243.02	0.307	0.027	-0.003	0	23.47	20	341	25	4684	-1.66	
1198.6	7	Q15149	K.QITMELVR.S QIT[181.014]MELVR	2	2.396	1.90E-05	-0.002	0	55.32	21	341	25	4684	-1.44
1914.8	11	Q15149	R.SSSVGSSSSYPISA' SSS[166.9984]VGS[166.9984]S	2	1.88	7.30E-05	-0.004	0	49.13	20	286	22	4684	-2.23
1862.8	13	Q15149	K.GYSPYSVSGSGST' GYSPYSVSGSGS[166.9984]TAC	2	1.985	1.30E-06	-0.004	0	66.05	20	286	22	4684	-2.13
1942.7	19	Q15149	K.GYSPYSVSGSGST' GYSPYSVSGSGS[181.014]AG'	2	-0.326	0.011	-0.004	0	25.07	18	286	22	4684	-2.1
1914.8	12	Q15149	R.SSSVGSSSSYPISA' SSS[166.9984]VGSSSY[243.02	3	0.692	0.011	-0.003	0	27.27	20	286	22	4684	-1.66
1942.7	13	Q15149	K.GYSPYSVSGSGST' GYSPYSVSGSGS[166.9984]GS[16	2	-0.64	0.023	-0.004	0	21.86	18	319	24	4684	-2.1
1350.6	13	Q15149	R.DSQDAGGFDPEDR DSQDAGGFDPEDR	2	0.574	0.001	-0.003	0	36.03	20	458	28	4684	-2.5
2097	15	Q15149	R.DALDGAPEAEPEH' DALDGAPEAEPEHSDGLR	3	0.11	0.041	-0.004	0	21.45	20	458	28	4684	-1.69
1862.8	14	Q15149	K.GYSPYSVSGSGST' GYSPYS[166.9984]VSGSGTAC	2	2.14	4.80E-06	-0.004	0	60.25	20	458	28	4684	-2.13
1862.8	15	Q15149	K.GYSPYSVSGSGST' GYSPYSVSGSGS[181.014]AG'	3	0.59	0.012	-0.003	0	26.25	20	458	28	4684	-1.7
1708.8	10	Q15149	R.LLDPEDVDVPPQD' LLDPEDVDVPPQDEK	2	0.332	0.003	-0.004	0	34.61	21	458	28	4684	-2.1
1862.8	10	Q15149	K.GYSPYSVSGSGST' GYSPYSVSGSGS[166.9984]GSTAC	2	1.045	4.20E-04	-0.004	0	40.84	20	351	26	4684	-2.13
1914.8	9	Q15149	R.SSSVGSSSSYPISA' SSSVGSSS[166.9984]SV[243.02	3	0.815	0.009	-0.003	0	28.49	20	443	25	4684	-1.66
2062	6	Q15149	K.ELEEVSPETPVVPA' ELEEVSPET[181.014]PVVPATTQ	2	0.413	0.002	-0.005	0	35.44	21	288	28	4684	-2.23
1570.8	8	Q15149	R.DDGTQQLLLPSDA DDGTQQLLLPSDAR	2	-0.283	0.011	-0.002	0	26.43	19	319	24	4684	-1.23
2423.9	12	Q15149	K.GYSPYSVSGSGST' GYSPYSVSGSGS[181.014]AG'	3	-0.439	0.014	-0.006	1	23.87	18	319	24	4684	-2.31
1467.7	5	Q15149	R.ARSDEQLSPATR.' ARSDEQLS[166.9984]PATR	2	-0.361	0.011	-0.005	1	27.68	21	458	28	4684	-3.71
1994.8	11	Q15149	R.SSSVGSSSSYPISA' SSS[166.9984]VGS[166.9984]S	2	-0.739	0.03	-0.004	0	20.9	18	458	28	4684	-2.06
1129.6	7	Q15149	K.NLLEDELQR.L NLLEDELQR	2	-0.486	0.017	-0.002	0	24.36	19	443	25	4684	-1.55
1914.8	9	Q15149	R.SSSVGSSSSYPISA' S[166.9984]SSVGSSSYVPSAV'	2	0.171	0.004	-0.005	0	31.93	20	443	25	4684	-2.44
3096.2	10	Q15154	K.NVRSIDQDEEED NVRS[166.9984]D[166.9984]	3	0.867	0.008	-0.009	1	28.03	19	74	14	2024	-2.94
1849.8	12	Q15154	R.YMSQMSVPEQAE' YMSQMS[166.9984]VPEQAEI	2	1.618	1.40E-04	-0.004	0	45.51	19	46	12	2024	-2.18
2647.1	9	Q15154	R.SDSDQDEEEDSE' SD[166.9984]DQDEEEDSE[2	2	2.9	3.60E-07	-0.006	0	71.88	20	210	14	2024	-2.18
1750.9	9	Q15154	K.RVTNDIPESSPGV' RVTNDI[166.9984]PESSPGVGI	3	0.393	0.023	-0.004	1	25.28	21	125	13	2024	-1.93
1658.6	8	Q15154	R.SDGSENLCTQQS' SDGS[166.9984]ENLCT[160.030'	2	-0.873	0.038	-0.003	0	19.66	18	93	12	2024	-2.05
1998.9	18	Q15154	K.DASTSPNRETIGS' DASTS[166.9984]PNRETIGSAC	2	-0.164	0.007	-0.005	1	29.75	21	93	12	2024	-2.57
1750.8	8	Q15154	K.RVTNDIPESSPGV' RVT[181.014]NDIPESSPGVGR	3	0.419	0.022	-0.004	1	25.59	21	42	8	2024	-1.98
1830.8	8	Q15154	K.RVTNDIPESSPGV' RVTNDI[166.9984]PES[166.99	3	0.145	0.04	-0.005	1	22.78	21	210	14	2024	-2.67
1318.6	9	Q15154	K.PFESSSIGAEP' PFESSS[166.9984]GAEP	2	0.472	0.002	-0.003	0	36.01	21	125	13	2024	-1.22
1448.6	9	Q15154	R.WVSELSVVEEK' WVSELS[166.9984]VVEEK	2	-0.325	0.012	-0.002	0	26.97	20	176	16	2024	-2.29
1594.7	8	Q15154	R.VTNDIPESSPGV' VTNDI[166.9984]PESSPGVGR	2	1.904	6.10E-05	-0.004	0	50.26	21	176	16	2024	-2.36
1919.8	13	Q15154	R.ILEDHGSAGEIDD' ILEDHGS[166.9984]PAGEIDDEE	2	1.428	1.90E-04	-0.007	0	44.64	20	146	13	2024	-3.65
1955.6	9	Q15185	K.DWEDSDSDMSN' DWEDDS[166.9984]DEDMSNF[2	1.601	1.20E-04	-5.00E-04	0	39.37	13	171	4	160	-0.26	
3701.3	24	Q15185	R.FSEMNMNMGDDE' FSEMNMNMGDDEVDLPEVDG	3	1.668	4.40E-05	-0.004	0	47.68	17	141	3	160	-1.21
3701.3	15	Q15185	R.FSEMNMNMGDDE' FSEMNMNMGDDEVDLPEVDG	3	1.655	1.70E-04	-0.004	0	41.73	17	154	3	160	-1.21
839.39	5	Q15287	R.RFSPRR.R RFS[166.9984]PPR	2	-0.338	0.012	-0.001	1	26.95	20	27	1	160	-1.73
2841.1	16	Q15291	K.ELDENVEYERESE' ELDENVEYERE[166.9984]EFD	3	0.303	0.028	-0.009	1	22.36	19	22	1	538	-3.29
1255.7	7	Q15311	R.TPSSSEIPTK.F TPS[166.9984]SEIPTK	2	-0.692	0.026	-0.003	0	23.44	20	23	2	655	-2.1
1139.6	9	Q15311	K.IAQEIASLSK.E IAQEIASLS[166.9984]K	2	-0.826	0.034	-0.002	0	22.05	20	22	4	655	-2.23
1255.4	4	Q15311	R.TPSSSEIPTK.F TPS[166.9984]SEIPTK	2	-0.659	0.024	-0.003	0	23.63	20	32	4	655	-2.1
2990.4	25	Q15326	K.KEEPEPETEVAESS' KEEPEPETEVAESS[166.9984]QE	3	0.638	0.013	-0.009	1	26.71	20	27	1	602	-2.99
2046.8	10	Q15361	R.DIFYEDDEGEDIE' DIFYEDDS[166.9984]EGEDIEK	2	0.25	0.003	-0.005	0	29.81	17	30	6	905	-2.71
2555.1	28	Q15365	R.VMTIPYQMPASSI' VMTIPYQMPASS[166.9984]PA	3	1.544	4.30E-05	-0.004	0	52.22	21	52	2	356	-1.38
1497.7	8	Q15366	K.PSSSPVIFAGGQDR' PSS[166.9984]PVIFAGGQDR	2	-0.363	0.013	-0.003	0	26.73	20	27	1	366	-1.77
1455.6	7	Q15388	R.IVSAQSLAEDDVE' IVSAQSLAEDDVE	2	0.87	7.30E-04	-0.003	0	39.06	20	39	1	145	-1.89
1375.7	15	Q15388	R.IVSAQSLAEDDVE' IVSAQSLAEDDVE	2	0.434	0.002	-0.003	0	35.6	21	49	2	145	-2.34
1455.6	15	Q15388	R.IVSAQSLAEDDVE' IVS[166.9984]QAQSLAEDDVE	2	-0.408	0.014	-0.002	0	26.14	20	80	3	145	-1.54
1804.9	8	Q15390	R.QISLPLDLSQEEP' QIS[166.9984]PLDLSQEEPQLK	2	-0.003	0.005	-0.003	0	31.33	21	31	1	333	-1.44
1435.6	6	Q15390	R.YRSDSQDEVEK' YRSDS[166.9984]QDEVEK	2	0.058	0.004	-0.003	1	30.87	20	52	2	333	-2.35
1017.5	6	Q15424	K.RSVVFDK.V RSVV[166.9984]FDK	2	-0.365	0.012	-0.003	1	27.61	21	70	6	915	-2.74
2490.9	20	Q15424	K.ESTSEGADQKMS' ESTSEGADQKMS[166.9984]S[	3	0.78	0.009	-0.004	1	26.13	18	70	6	915	-1.64
2410.9	18	Q15424	K.ESTSEGADQKMS' ESTSEGADQKMS[166.9984]SP	3	0.553	0.013	-0.005	1	25.87	20	88	10	915	-2.1
4391.9	38	Q15424,Q141	R.TDCEVGLPEAVEQ' TDC[160.0307]EPVGLPEAVEQS	4	0.038	1.60E-05	-0.006	0	5.8	18	101	1	142	-1.82
2516.1	11	Q15424,Q141	K.EESSELEQPFADQ' EESSELEQPFADQ[181.014]SSV	3	0.21	0.031	-0.005	1	23.5	21	101	1	101	-1.44
4471.9	21	Q15424,Q141	R.TDCEVGLPEAVEQ' TDC[160.0307]EPVGLPEAVEQS	4	0.038	0.004	-0.006	0	29.51	18	101	1	101	-1.38
2516.1	11	Q15424,Q141	K.EESSELEQPFADQ' EESSELEQPFADQ[166.9984]S	3	0.342	0.024	-0.005	1	24.77	21	117	1	101	-1.84
2388	11	Q15424,Q141	K.EESSELEQPFADQ' EESSELEQPFADQ[166.9984]T	3	0.081	0.004	-0.002	0	32.14	21	47	0	101	-0.99
1668.7	19	Q15434	K.GYGFVDFDPSAAC' GYGFVDFD[166.9984]PSAACQ	2	1.978	1.80E-05	-0.003	0	55.22	20	55	1	407	-1.95
3329.3	37	Q15459	K.AEPPSQDQDQTT' AEPPSQDQDQTTQVQMDDEGS[	3	1.41	5.10E-07	-0.007	0	68.75	18	70	6	793	-2.04
2697	11	Q15459	K.FGESEEVEMVESD' FGESEEVEMVES[166.9984]DEI	3	0.097	0.043	-0.006	1	19.37	18	70	6	793	-2.35
5781.6	26	Q15459	K.AEPPSQDQDQTT' AEPPSQDQDQTTQVQMDDEGS[	5	-0.33	0.047	-0.013	1	17.58	17	61	2	793	-2.15
1154.6	7	Q15477	R.ASSLEDLV.LK' ASS[166.9984]LEDLVK	2	1.493	1.70E-04	-0.002	0	46.29	21	46	1	1246	-1.75
1713.9	11	Q15554	K.DLVLTQALPASPA' DVLVLTQALPAS[166.9984]PAL	2	2.085	2.00E-06	-0.002	0	61.05	17	61	1	500	-1.85
2926.3	16	Q15637	R.TGDLGIPPNPEDRS' TGDGIPPNPEDRS[166.9984]P[	3	0.679	0.01	-0.005	1	28.19	21	63	2	639	-1.22
2926.3	15	Q15637	R.TGDLGIPPNPEDRS' TGDGIPPNPEDRS[166.9984]P[	3	2.092	4.00E-04	-0.005	1	42.35	21	42	3	639	-1.82
2926.3	13	Q15637	R.TGDLGIPPNPEDRS' TGDGIPPNPEDRS[166.9984]P[	3	1.264	0.003	-0.007	1	33.97	21	45	4	639	-2.23
1921.9	5	Q15642	R.APSDSSGLTSPDGR' APSDS[166.9984]SLGTPSDGRPI	2	-0.832	0.033	-0.004	1	22.97	21	23	1	601	-2.3
1611.7	13	Q15648	K.NSSQSGGKPGSSPI' NSSQSGGKPGS[166.9984]PIT	2	-0.589	0.02	-0.002	1	24.47	20	24	7	1581	-0.93
1611.7	7	Q15648	K.NSSQSGGKPGSSPI' NSSQSGGKPGS[166.9984]SPIT	2	-0.14	0.007	-0.002	1	28.96	20	29	11	1581	-0.93
1715.7	7	Q15651	K.AEEAQKTESVNEG' AEEAQKTES[166.9984]VDNEGE	2	1.982	1.30E-05	-0.001	1	54.86	19	55	1	99	-0.59
1455.6	10	Q15746	K.SSTGSPSPLNAEK' SSTGSPS[166.9984]PLNAEK	2	1.213	3.50E-04	-0.004	0	42.49	20	64	2	1914	-2.73
1663.7	11	Q15746	K.KSSTGSPSPLNAEK' KSS[166.9984]TGSPTS[166.998	2	1.003	5.70E-04	-0.002	1	40.39	20	64	2	1914	-0.87
1583.7	11	Q15746	K.KSSTGSPSPLNAEK' KSS[166.9984]TGSPTSPLNAEK	2	0.15	0.004	-0.003	1	33.76	22	34	1	1914	-1.21
1448.7	5	Q15746	R.APGLVLSVSGEER' APGLVLSV[166.9984]SGEER	2	-0.26	0.01	-0.001	0	28.73	21	63	4	1914	-0.89
1448.7	9	Q15746	R.APGLVLSVSGEER' APGLVLSV[166.9984]SGEER	2	0.238	0.003	-0.001	0	33.69	21	62	3	1914	-0.89
1663.7	10	Q15746	K.KSSTGSPSPLNAEK' KSS[166.9984]TGSPT[181.014]	2	1.906	7.20E-05	-0.002	1	49.39	20	63	4	1914	-0.87
1349.6	10	Q15773	R.LAIQPEDSPSR.Q' LAIQPEDS[166.9984]PSR	2	1.355	2.30E-04	-0.003	0	43.91	20	44	1	248	-2.27
1944.9	11	Q15910	K.ESSIIAPAEVDVDT' ESSIIAPAEVDVDT[181.014]PP	2	-0.239	0.01	-0.005	0	28.92	21	29	4	746	-2.47
1595.7	10	Q15942	K.FSPGAGGSGSQPF' FSPGAGGSGSQPF[166											



2828.1	14	Q32M24	R.CTLPEHESPSQDISC [160.0307]TLPEHESPS[166.99	1.41	2.30E-05	-0.008	0	53.29	19	53	3	808	-2.78
2828.1	12	Q32M24	R.CTLPEHESPSQDISC [160.0307]TLPEHESPS[166.9984	1.544	6.70E-05	-0.008	0	48.63	19	49	2	808	-2.78
1533.6	10	Q3KQU3	R.PAPPQEESSPSEAK. PAPPQEESS[166.9984]SEAK 2	-0.814	0.036	-0.003	0	22.17	20	22	3	841	-2.16
2313	17	Q3KQU3	K.EAAPPASPAPSPAP. EAAPPAS[166.9984]PAPSPAPS[ 3	0.281	0.027	-0.004	0	24.16	21	29	5	841	-1.79
3285.5	13	Q3KQU3	K.QLPLEPESPSGQVQ QLPLEPES[166.9984]PSGQVGP 3	0.168	0.032	-0.004	1	22.03	20	29	5	841	-1.27
1533.6	13	Q3KQU3	R.PAPPQEESSPSEAK. PAPPQEESS[166.9984]PSSEAK 2	-0.754	0.031	-0.003	0	22.82	20	23	4	841	-2.16
1677.8	10	Q3KR37	K.SSIETKPDASQPLPK SSIETKPDAS[166.9984]PQLPK 2	-0.526	0.016	-0.004	1	26.13	21	26	3	738	-2.43
1672.7	10	Q3L8U1	R.VMSPFNFTASVEK VMS[166.9984]PNFPTASVEGK 2	-0.478	0.018	-0.003	0	25.48	20	25	8	2897	-1.86
2790.1	20	Q3TR89	K.VHEHSPGPLADAEV VEH[166.9984]PGPLADAE[ ] 3	2.68	1.00E-04	-0.007	0	47.2	20	47	2	2241	-2.68
3164.3	29	Q3YEC7	R.ADDFVRDDPSDV ADDFVRDDPS[166.9984]DVT[ 3	1.464	0.002	-0.008	1	35	20	35	4	729	-2.44
2488.1	10	Q3YEC7	K.NDSDLFGLGLEEAG NDSDLFGLGLEEAGPKES[166.9	1.323	0.002	-0.004	1	34.58	21	36	5	729	-1.63
3117.3	22	Q4ADV7	K.AIGSGESETPTPT AIGSGESET[181.014]PPS[166.9	1.218	0.003	-0.004	0	31.54	19	32	5	1423	-1.22
1927.8	11	Q4G0J3	R.SRPTSEGSDIESTEP SRPT[181.014]SEGSDIESTEPQ 2	1.279	2.40E-04	-0.004	1	44.15	21	89	8	582	-2
2007.8	11	Q4G0J3	R.SRPTSEGSDIESTEP SRPT[181.014]S[166.9984]EG 3	0.09	0.044	-0.004	1	20.3	19	89	8	582	-1.88
2007.8	16	Q4G0J3	R.SRPTSEGSDIESTEP SRPT[166.9984]EGS[166.9984	-0.937	0.048	-0.004	1	19.99	19	89	8	582	-1.93
1328.5	8	Q4G0J3	R.SSSEDAESLAPR.S [166.9984]SSEDAESLAPR 2	-0.07	0.007	-0.002	0	28.66	19	89	8	582	-1.91
1927.8	13	Q4G0J3	R.SRPTSEGSDIESTEP SRPTSEGS[166.9984]DIESTEPQ 2	1.798	7.40E-05	-0.004	1	49.34	21	89	8	582	-2.31
1927.8	7	Q4G0J3	R.SRPTSEGSDIESTEP SRPT[166.9984]EGSDIESTEPQ 2	-0.732	0.025	-0.004	1	33.99	21	74	11	582	-2
1484.6	9	Q4G0J3	K.RSSEDAESLAPR.S RSS[166.9984]EDAESLAPR 2	0.371	0.002	-0.003	1	24.97	21	100	8	582	-1.92
2007.8	11	Q4G0J3	R.SRPTSEGSDIESTEP S[166.9984]RPTS[166.9984]EG 3	0.093	0.044	-0.004	1	20.36	19	76	7	582	-1.88
1328.5	7	Q4G0J3	R.SSSEDAESLAPR.S SSS[166.9984]EDAESLAPR 2	-0.858	0.041	-0.002	0	20.81	19	76	7	582	-1.91
1981.8	11	Q4G0J3	R.DIEISTEEKDTGDL DIEI[166.9984][181.014]EEE 3	0.126	0.042	-0.003	1	21.59	20	100	8	582	-1.53
1352.5	6	Q4G0J3	R.DIEISTEEK.D DIEI[166.9984][181.014]EEE 2	-0.586	0.019	-0.003	0	20.47	16	71	6	582	-2.27
1253.6	12	Q4KMP7	R.AAGGAPSPPPVPR. AAGGAPSP[166.9984]PPVPR 2	-0.657	0.026	-0.001	0	24.65	21	25	3	808	-1.12
2288.9	9	Q4LE39	K.DIEVLESDTYEEDIE DIEVLS[166.9984]EDTDY[243.0	1.696	1.00E-04	-0.005	0	46.27	19	46	5	1312	-2.16
2531	16	Q4LE39	K.EKEDNSSEEEEEIEP EKDENS[166.9984]EEEEIEEPF 3	0.658	0.01	-0.005	1	26.92	20	27	6	1312	-2.15
2531	16	Q4LE39	K.EKEDNSSEEEEEIEP EKDENS[166.9984]EEEEIEEPF 3	0.859	0.006	-0.005	1	28.94	20	53	7	1312	-2.15
1846.8	12	Q5L2R7	R.LNLQDSDSEECTSF LNLQDSDS[166.9984]EEC[160	-0.685	0.025	-0.004	0	24.44	21	24	3	807	-2.13
1066.5	5	Q53EL6	R.SGLTVPTSPK.G SGLTVPTS[166.9984]PK 2	-0.439	0.015	-0.002	0	25.97	20	26	1	469	-2.27
1066.5	7	Q53EL6	R.SGLTVPTSPK.G SGLTVPT[181.014]SPK 2	0.737	0.001	-0.002	0	37.63	20	38	3	469	-2.27
1760.7	13	Q53EL6	R.DSGRSDSVSDSGS DSGRSDS[166.9984]VSDSGSDV 2	0.979	5.00E-04	-0.006	1	40.12	20	58	2	469	-3.41
1159.8	8	Q53EL6	K.RFVSEGDGGR.L RFVS[166.9984]EGDGGGR 2	0.016	0.005	-0.003	1	30.38	20	55	3	469	-2.4
1185.6	5	Q53EPO	R.LNSPPSSYK.S LNS[166.9984]PPSSYK 2	-0.909	0.045	-0.002	0	24.22	23	24	3	1204	-1.94
2329.1	8	Q53E24	K.VAASPSPKPTAALNE VAASPKS[166.9984]PT[181.01	0.778	0.009	-0.003	1	29.13	21	29	2	464	-1.12
1668.7	9	Q53G59	R.EVDESEPEREVR.V EVDEES[166.9984]EPEREVR 2	-0.566	0.021	-0.001	1	24.6	20	25	1	565	-0.68
1615.7	15	Q53HL2	R.IYNSGNGSPPLADS.I YNSGNGS[166.9984]PLADS 2	1.978	3.20E-05	-0.003	0	53.51	21	54	1	280	-1.68
1954.1	15	Q562R1	R.VAPDEHPILLTEAPL VAPDEHPILLTEAPLNP 3	0.313	0.025	-0.004	0	18.47	15	29	3	376	-1.88
2021.9	10	Q56N19	R.VLSEIPGEPSPSTIE VLSEIPGES[166.9984]PSSTEC[ 2	2.774	3.80E-06	-0.002	0	62.87	21	63	1	601	-0.81
1040.5	5	Q5BK21	K.ILSKSPKPT.K ILSKS[166.9984]PTK 2	-0.016	0.006	-0.002	1	29.1	19	29	2	582	-2.43
4013.6	8	Q5F1R6	K.QLLEEEEEFRSRPQ QLLEEEEEFRSRPQDENPLDMS 3	0.407	0.022	-0.002	1	23.47	19	23	2	531	-0.43
3247.2	11	Q5F1R6	K.DDEEDGKSDAEADV DEEDGKSD[166.9984]DEADAE 3	0.709	0.01	-0.005	1	24.49	17	37	3	531	-1.65
2219.9	13	Q5H9R7	R.IQQFDDGGSDDEED IQQFDDGG[166.9984]DEEDIV 2	1.985	1.30E-06	-0.006	0	65.83	20	66	4	873	-2.67
1911.8	9	Q5HY17	K.LTPAAEENNSFRQLS LTPAAEENNSFRQLS[166.9984]P 2	0.309	0.002	-0.004	1	34.35	21	34	1	312	-2.08
1709.8	7	Q5HYJ3	K.ISNLSEEEQGLWK ISNLS[166.9984]PEEEQGLWK 2	0.7	9.70E-04	-0.003	0	38.36	21	38	1	339	-1.56
2438	33	Q5JRA6	R.DPPPPASQSTQDCC DPPPPASQSTQDCC[160.0307]S 3	2.267	3.00E-04	-0.006	1	43.07	20	58	3	1907	-2.47
2966.7	17	Q5JRA6	R.DTMDLESSSEEEK DTMDLESS[166.9984]EEEEK 3	0.692	0.009	-0.009	1	26.26	19	26	7	1907	-2.95
1779.7	15	Q5JSH3	K.EVYNDAAQSDDEIE EVYNDAAQS[166.9984]DDEEK 2	1.978	1.30E-05	-0.004	0	54.04	18	54	1	913	-2.21
1779.7	5	Q5JSH3	K.EVYNDAAQSDDEIE EVYS[166.9984]NDAAQSDDEEK 2	-0.093	0.006	-0.004	0	27.32	18	27	2	913	-2.21
1612.7	6	Q5JSD25	R.CSPLEPDPVPEK.K [160.0307]S[166.9984]PLEPD 2	-0.821	0.037	-0.002	0	22.13	20	22	4	2229	-0.97
1622.7	10	Q5JTD0	R.GSPEELPLPAFEK.I GS[166.9984]PEELPLPAFEK 2	-0.566	0.019	-0.003	0	24.56	20	25	3	557	-1.61
2632	13	Q5JTH9	K.GDSIEELADSEDEE GDSIEELADS[166.9984]EDEED 2	1.978	1.60E-07	-0.004	0	74.93	19	89	2	1297	-1.66
2916.1	11	Q5JTV8	K.VNFSSEETEDDQ VNF[166.9984]EETED[181.01	0.411	0.019	-0.008	0	22.51	20	113	7	583	-2.74
2461	12	Q5JTV8	R.DSHSSEDEASSQT DSHSSEDEAS[166.9984]SQTD 3	1.446	0.002	-0.006	0	34.86	18	113	7	583	-2.43
2541	12	Q5JTV8	R.DSHSSEDEASSQT DSHS[166.9984]S[166.9984]EE 2	1.253	2.70E-04	-0.004	0	40.89	18	113	7	583	-1.77
2461	10	Q5JTV8	R.DSHSSEDEASSQT DSHS[166.9984]EEDASSQTD 2	2.07	4.00E-05	-0.004	0	51.06	20	113	7	583	-1.54
2461	14	Q5JTV8	R.DSHSSEDEASSQT DSHS[166.9984]SEEDASSQTD 3	1.7	9.70E-04	-0.006	0	37.33	20	160	8	583	-2.43
2541	21	Q5JTV8	R.DSHSSEDEASSQT DS[166.9984]HS[166.9984]SE 3	0.98	0.005	-0.005	0	28.13	18	160	8	583	-1.97
2867.2	10	Q5JTV8	R.GLRDSSHEDEAS.GLRDHS[166.9984]S[166.998	0.765	0.009	-0.007	1	27.98	20	160	8	583	-2.39
2867.2	13	Q5JTV8	R.GLRDSSHEDEAS.GLRDHS[166.9984]HS[166.9984	1.262	0.003	-0.007	1	32.97	20	162	9	583	-2.39
2541	27	Q5JTV8	R.DSHSSEDEASSQT DSHS[166.9984]EEDAS[166.:	0.343	0.022	-0.005	0	21.77	18	93	6	583	-1.97
1570.7	7	Q5M775	K.SVSSPTSNTPPTK SVSS[166.9984]PTSNTPPTK 2	1.478	1.60E-04	-0.003	0	46	21	46	2	1068	-1.93
3326.4	19	Q5PRF9	R.AAFTTPDHAPLSPQ AAFTTPDHAPL[166.9984]PQS: 3	2.682	4.90E-05	-0.01	0	50.35	20	50	2	694	-3.06
3326.4	13	Q5PRF9	R.AAFTTPDHAPLSPQ AAFTT[181.014]PDHAPLSPQS: 3	1.544	5.30E-06	-0.01	0	60.07	20	60	2	694	-3.06
3326.4	12	Q5PRF9	R.AAFTTPDHAPLSPQ AAFTTPDHAPLSPQS[166.9984]: 3	2.688	1.30E-05	-0.01	0	56.01	20	56	4	694	-3.06
2855.2	12	Q5PRF9	R.QGSDDEWGGPAELG QGS[166.9984]DEWGGPAELGP 3	0.889	0.006	-0.005	1	30.29	21	70	3	694	-1.67
2289	13	Q5QJ6E	K.ESYTIEVSEAESHV. ESYTIEVS[166.9984]EAHVSH: 3	0.421	0.019	-1.00E-04	0	25.57	21	26	5	756	-0.05
4523	21	Q5SSJ5	K.LAEGEEKEPPDJS LAEGEEKEPPDJSSEESVSTVEEQ 4	0.038	1.50E-05	-0.01	1	46.37	18	92	1	553	-2.15
4523	19	Q5SSJ5	K.LAEGEEKEPPDJS LAEGEEKEPPDJSSEESV[166.9	0.206	3.60E-04	-0.013	1	39.88	18	72	3	553	-2.9
4523	22	Q5SSJ5	K.LAEGEEKEPPDJS LAEGEEKEPPDJSSEESVST[181.4	0.191	4.20E-04	-0.011	1	38.93	18	77	4	553	-2.35
4523	29	Q5SSJ5	K.LAEGEEKEPPDJS LAEGEEKEPPDJS[166.9984]SEI 4	0.206	0.002	-0.011	1	32.6	18	72	3	553	-2.35
4523	15	Q5SSJ5	K.LAEGEEKEPPDJS LAEGEEKEPPDJSSEESVSTVEEQ 4	0.206	9.60E-04	-0.01	1	35.28	18	72	3	553	-2.15
4523	20	Q5SSJ5	K.LAEGEEKEPPDJS LAEGEEKEPPDJSSEESVSTVEEQ 4	0.319	2.00E-05	-0.01	1	52.18	18	75	4	553	-2.15
4602.9	24	Q5SSJ5	K.LAEGEEKEPPDJS LAEGEEKEPPDJSSEESVST[181.4	-0.11	0.011	-0.01	1	24.49	17	75	4	553	-2.1
3512.7	22	Q5T035.QSNZ	K.PVAPQVPSGGAPG.PVAPQVPS[166.9984]PGGAPG: 3	1.019	0.005	-0.007	0	27.54	17	28	3	203	-2.93
4713.1	20	Q5T028	K.DTPPGVPEKSLGGS DTP[181.014]PVGPEKS[166.99	0.003	0.04	-0.014	1	18.72	17	19	3	1188	-2.01
1535.6	9	Q5T1M5	R.SLSLGDDEEDLFK.G SLS[166.9984]GDEEDLFK 2	-0.584	0.02	-0.002	0	23.52	19	24	2	1219	-1.48
3078.5	13	Q5T1M5	R.LSLSDPEEGDPLAL LSLSDPEEGDPLALGPES[166.99	0.528	0.014	-0.004	0	25.63	20	49	4	1219	-1.42
1481.7	7	Q5T200	K.TSAGVSPDLLDQQR.T SAGVSS[166.9984]PLLDQQR 2	-0.843	0.037	-0.003	0	22.93	21	68	16	1668	-1.93
1954.7	19	Q5T200	K.SKAGSDSIDDEAAQ SKAGSDS[166.9984]DIS[166.998	0.579	0.001	-0.004	1	34.15	18	68	16	1668	-2.32
994.46	5	Q5T200	K.EVSPVVR.S EVS[166.9984]PEVVR 2	-0.822	0.033	-0.002	0	21.14	19	68	16	1668	-1.93
1788.8	11	Q5T200	R.GNIETSEDGQVFS GNIETTS[166.9984]EDGQVFSPI 2	-0.271	0.01	-0.004	0	28.65	21	68	16	1668	-2.39
1321.6	12	Q5T200	R.SLSPSHLTDR.Q. SLS[166.9984]PSHLTDR 2	-0.7	0.024	-0.002	0	23.36	20	68	16	1668	-1.79
1840.7	14	Q5T200	R.SASPPSHLSLSPQF S[166.9984]AS[166.9984]P										

1517.6	6	QSVT52	K.LESESTSPLEMK.I	LESESTSPS[166.9984]LEMK	2	0.73	0.001	-0.003	0	36.56	19	176	10	1461	-2.2
1517.6	14	QSVT52	K.LESESTSPLEMK.I	LESEST[181.014]SPLEMK	2	-0.404	0.014	-0.003	0	25.35	19	198	8	1461	-2.2
1961.8	17	QSVTR2	K.ALVVPEPEPDSNS	ALVVPEPEPDS[166.9984]DSNQ	3	0.627	0.011	-0.003	0	27.67	21	37	4	975	-1.73
1961.8	8	QSVTR2	K.ALVVPEPEPDSNS	ALVVPEPEPDS[166.9984]NQ	2	-0.152	0.008	-0.005	0	28.84	20	37	4	975	-2.64
1714.8	8	QSVTR2	R.SGSALLQSQSSTEDI	SGSALLQSQS[166.9984]QSSTEDP	2	-0.412	0.013	0.001	0	27.21	21	71	3	975	0.64
2805.2	22	QSVU4A	R.LGSPVNDLEMDR	LGS[166.9984]PVDNLEMDR	3	1.945	5.30E-04	-0.006	1	40.81	21	41	9	2279	-1.99
1762.8	8	QSVW69	K.RPLDSPAEEALPAM	RPLDSPAEEALPAM	3	0.967	0.005	-0.003	1	31.07	21	33	2	929	-1.8
3391.6	10	QSVW69	K.IPPMLSPVHQDST	IPPMLSPVHQDST	3	0.232	0.028	-0.007	0	21.68	19	49	2	929	-1.9
2612.1	13	QSVZ89	K.HSQSPPEPHSPTPE	HSQSPPEPHS[166.9984]QPSPEHS	3	0.38	0.024	-0.006	0	24.14	20	24	2	1673	-2.15
2612.1	14	QSVZ89	K.HSQSPPEPHSPTPE	HSQSPPEPHS[166.9984]PEHS	3	0.394	0.022	-0.006	0	24.34	20	24	3	1673	-2.15
1978.9	16	QSVZK9	K.SERPPTLMTLEPSS	SERPPTLMTLEPSS[166.9984]SPI	3	0.397	0.021	-0.004	1	25.31	21	25	3	1371	-2.12
2105.9	17	QSVZL5	R.VTQHESDNENEIQ	VTQHESDNENEIQ[181.014]QHESDNENEIQ	3	0.233	0.028	-0.005	0	24.68	22	65	5	1548	-2.18
2105.9	14	QSVZL5	R.VTQHESDNENEIQ	VTQHESDNENEIQ[166.9984]DNENEIQ	3	#####	0.048	-0.005	0	22.34	22	70	3	1548	-2.18
2202	11	QSWOZ9	R.LVGMDDPEQASVTN	LVGMDDPEQAS[166.9984]VTNQ	2	1.978	1.80E-05	-0.005	0	55.63	21	56	4	365	-2.44
1217.5	7	Q5XKES	K.YEELQVTAGK.H	YEELQVT[181.014]AGK	2	-0.803	0.033	-0.002	0	22.3	20	49	3	535	-1.67
2169.9	11	Q63HN8	K.EDQEAALLSEPEE	EDQEAALLS[166.9984]EPEE	3	1.978	3.10E-05	-0.005	0	51.87	19	121	7	5207	-2.42
3221.4	16	Q63HN8	R.EAAEPLSEPKEDQE	EAAEPLSEPKEDQEAALLS[166.9984]E	3	1.41	6.00E-05	-0.006	1	50.27	21	121	7	5207	-1.93
3508.4	34	Q63HN8	R.LPPAAPADSENNN	LPPAAPADSENNN[166.9984]MAS	3	0.046	0.045	-0.005	0	18.82	18	95	11	5207	-1.58
2816.1	10	Q63HN8	K.EGGPCFLPFGSDV	EGGPCFLPFGSDV[160.0307]LFGSDV	3	0.141	0.042	-0.006	0	17.74	16	74	8	5207	-2.15
3428.4	20	Q63HN8	R.LPPAAPADSENNN	LPPAAPADSENNN[166.9984]MAS	3	1.559	0.001	-0.009	0	36.15	19	95	11	5207	-2.75
1999.9	13	Q641Q2.Q5SN	K.ETVSEAPPLLFSD	ETVSEAPPLFS[166.9984]DEE	2	-0.252	0.009	-0.002	0	28.81	21	29	2	929	-1.02
3801.6	29	Q658Y4	R.SPVQEASSATD	SPVQEASSATD[181.014]DTNS	3	2.572	1.30E-05	-0.007	0	56.2	20	56	1	838	-1.77
3801.6	26	Q658Y4	R.SPVQEASSATD	SPVQEASSATD[166.9984]TNS	3	1.668	3.50E-09	-0.007	0	91.8	20	92	2	838	-1.77
3801.6	27	Q658Y4	R.SPVQEASSATD	SPVQEASSATD[181.014]NS	3	1.472	2.10E-09	-0.007	0	94.14	20	94	1	838	-1.77
2110.9	12	Q659C4	K.LNGPGENVSEDEAC	LNGPGENVSE[166.9984]EDEAQS	2	2.735	9.80E-07	-0.005	0	67.85	20	68	2	914	-2.5
3340.5	16	Q66K14	R.KASVVDPTSESPAI	KASVVDPTSESPAI[166.9984]VDPSTESPASP	3	0.439	0.019	-1.00E-04	1	24.75	20	25	2	1250	-0.04
3132.4	13	Q66K14	K.ASVVDPTSESPAI	ASVVDPTSESPAI[166.9984]QEGSEQPASP	3	0.281	0.03	-0.006	0	23.16	20	36	3	1250	-2.83
1949.8	17	Q66K74	K.AVPMAPAPASPGS	AVPMAPAPAS[166.9984]PGSS	2	1.613	1.40E-04	-0.006	0	46.49	20	46	1	1059	-2.85
1949.8	7	Q66K74	K.AVPMAPAPASPGS	AVPMAPAPASPGSS[166.9984]S	2	1.454	2.00E-04	-0.006	0	44.85	20	55	3	1059	-2.85
1949.8	17	Q66K74	K.AVPMAPAPASPGS	AVPMAPAPASPGS[166.9984]S	2	2.011	5.60E-05	-0.006	0	50.37	20	50	2	1059	-2.85
4675.1	10	Q66K74	R.AGGGAEETPPTS	AGGGAEETPPTS[166.9984]VSESLS	4	0.296	0.02	-0.016	0	23.61	19	57	4	1059	-3.38
1783.7	9	Q66P13	R.SAGEEEDPVLTDE	SAGEEEDPVLTDE[166.9984]GEEEDPVLTDEQ	2	2.732	5.20E-06	-0.004	0	60.1	20	60	1	360	-2.27
2489.1	15	Q69YH5	K.GSSDAVSPDTFTAE	GSSDAVSPDTFTAE[166.9984]PDTFTAEV	2	-0.899	0.046	-0.002	0	21.3	20	21	3	1023	-0.83
2489.1	10	Q69YH5	K.GSSDAVSPDTFTAE	GSS[166.9984]DAVSPDTFTAEV	2	-0.484	0.018	-0.002	0	25.42	20	25	3	1023	-0.83
1243.5	5	Q69YN4	R.SFLSESPSPGR.T	SFLSESPSPGR.T	2	-0.902	0.037	-0.002	0	21.34	20	50	5	1812	-1.32
2843.3	13	Q69YN4	R.GPRTPPGPPDDI	GPRTPPGPPDDI[181.014]PGPPPPDDI	3	2.572	9.10E-05	-0.007	1	48.96	21	50	5	1812	-2.52
1037.5	11	Q69YQ0	R.TPLSPSPMK.T	TPLSPSPMK.T	2	-0.096	0.007	-0.002	0	26.35	17	26	4	1117	-2.02
1931.0	10	Q69YQ0	R.KGSSGNASEVSAK	KGSSGNASEVSAK[166.9984]GNASEVSAK	2	2.928	4.40E-06	-0.005	1	62.73	22	63	5	1117	-2.66
1747.8	9	Q69YQ0	R.SSSTDILEPFTVER	SSSTDILEPFTVER[181.014]SILEPFTVER	2	-0.926	0.047	-0.005	0	22	21	22	2	2036	-3.03
1247.6	4	Q6IAA8	K.LLLDSSPPTK.A	LLLDSSPPTK.A	2	-0.77	0.029	-0.002	0	23.61	21	24	2	161	-1.67
1247.6	12	Q6IAA8	K.LLLDSSPPTK.A	LLLDSSPPTK.A	2	-0.8	0.032	-0.002	0	23.26	21	23	2	161	-1.67
1076.5	6	Q6IE81	K.VPTTPASPVK.N	VPTTPASPVK.N	2	-0.772	0.033	-0.002	0	22.61	20	23	3	842	-2.1
4713.8	22	Q6IN85	K.TNLTQSSTNLPGR	TNLTQSSTNLPGR[181.014]T	4	-0.084	0.046	0.007	1	17.91	17	18	3	833	1.4
2329.1	16	Q6IQ49	R.VVNTDHGSEQLQV	VVNTDHGSEQLQV[181.014]DHGSEQLQV	3	0.648	0.012	-0.003	0	27.82	21	28	1	451	-1.25
1362.6	10	Q6KC79	K.AAMYDIISPSK.D	AAMYDIISPSK.D	2	2.085	1.50E-05	-0.002	0	55.92	20	103	4	2804	-1.51
1180.6	8	Q6KC79	K.AITSLGGGSPK.N	AITSLGGGSPK.N	2	2.085	1.10E-06	-0.002	0	67.44	20	103	4	2804	-1.37
2770	24	Q6N0K4	K.DGDEKTEDEAEPY	DGDEKTEDEAEPY[181.014]DEAEPYS	3	0.569	0.013	-0.006	1	25.09	19	25	1	205	-2.07
2690	19	Q6N0K4	K.DGDEKTEDEAEPY	DGDEKTEDEAEPY[166.9984]D	3	1.394	0.001	-0.007	1	36.76	20	38	3	255	-2.68
3065.4	11	Q6NXT4	K.GTDDLNPVSTPAK	GTDDLNPVSTPAK[166.9984]S	2	1.544	5.40E-04	-0.005	1	40.73	21	41	2	461	-1.49
1371.6	13	Q6NZ12	K.SFTPDHVVYAR.S	SFTPDHVVYAR.S[166.9984]FTPDHVVYAR	2	-0.817	0.031	-9.00E-04	0	23.16	21	23	2	390	-0.65
2197.9	23	Q6NZY4	K.KSEAGHASSPDESV	KSEAGHASSPDESV[166.9984]PDESVT	3	0.373	0.02	-0.003	0	25.08	21	25	3	707	-2.37
2197.9	23	Q6NZY4	K.KSEAGHASSPDESV	KSEAGHASSPDS[166.9984]JEVT	3	0.215	0.028	-0.003	1	23.88	21	35	4	707	-1.37
2069.8	18	Q6NZY4	K.SEAGHASSPDESV	SEAGHASSPDESV[166.9984]PDESVT	3	0.842	0.008	-0.004	0	28.82	20	27	6	707	-1.81
2205.7	11	Q6P158	R.GLSEEEDEPDCC	GLS[166.9984]GEEDEPDCC[162	2	1.978	1.40E-06	-0.005	0	61.28	15	83	3	1386	-2.5
3700.3	18	Q6P158	R.DLQEQDADAGSER	DLQEQDADAGS[166.9984]ERG	3	1.41	4.40E-04	-0.005	1	37.71	17	83	3	1386	-1.32
1513.6	15	Q6P158	R.DLQEQDADAGSER	DLQEQDADAGS[166.9984]ER	2	-0.655	0.023	-0.002	0	24.12	19	84	4	1386	-1.48
1605.7	10	Q6P1X5	K.DKEPFTSSPASGR	DKEPFTSSPASGR[166.9984]PASGR	2	-0.71	0.025	-0.002	1	22.71	21	24	2	1199	-1.48
2962.2	22	Q6P2E9	R.DSQDASAEQSDHD	DSQDASAEQSDHD[166.9984]AEQSDHDD	3	0.626	0.012	-0.007	0	26.66	20	27	7	1401	-2.4
2962.2	11	Q6P2E9	R.DSQDASAEQSDHD	DSQDASAEQSDHD[166.9984]DHD	3	0.992	0.005	-0.007	0	30.25	20	30	2	1401	-2.4
2962.2	14	Q6P2E9	R.DSQDASAEQSDHD	DSQDASAEQSDHDEVAS[166.9984]S	3	0.778	0.009	-0.007	0	28.12	20	28	2	1401	-2.4
1912.8	18	Q6P4E1	R.FFDENESPVDPQH	FFDENESPVDPQH[166.9984]PVDPQHG	3	0.19	0.035	-0.004	0	22.23	20	22	1	433	-2.15
1075.4	8	Q6P4Q7	R.SASLSVPRD.T	SASLSVPRD.T	2	-0.817	0.031	-0.002	0	22.16	20	22	2	775	-2.19
3268.6	8	Q6P4R8	K.SAEADLAEPLSSTEG	SAEADLAEPLSSTEGVAPLS[166.9984]S	3	0.224	0.029	-0.005	0	21.64	19	22	2	1299	-1.58
1900.7	7	Q6P5R6	R.YFQSQDEDESEEL	YFQSQDEDESEEL[166.9984]ESED	2	1.978	5.30E-05	-0.004	0	47.7	17	82	2	122	-2.21
2547	25	Q6P6C2	K.YQEDSDPERSDYE	YQEDSDPERSDYE[166.9984]DERSDY[243	3	0.486	0.015	-0.007	1	24.26	19	24	2	924	-2.94
2547	13	Q6P6C2	K.YQEDSDPERSDYE	YQEDSDPERSDYE[166.9984]DERSDY[166.9984]S	3	0.222	0.029	-0.007	1	21.55	19	22	1	394	-2.94
1883.7	21	Q6P062	K.GEEGSDDEETENG	GEEGSDDEETENG[166.9984]DDEETENGP	2	1.978	4.30E-05	-0.002	1	48.45	17	103	5	1173	-0.92
2436	18	Q6P062	K.KGGEFDEFVNDT	KGGEFDEFVNDT[181.014]DDI	3	1.379	0.002	-0.004	1	35.19	21	103	5	1173	-1.7
995.46	6	Q6P1F5	K.SVSLQEP.R.S	SVSLQEP.R.S[166.9984]LQEP	2	-0.362	0.013	-0.002	0	24.69	18	25	3	876	-1.64
1374.6	6	Q6P1T7	R.DLVQDKPASP.K	DLVQDKPASP.K[166.9984]PK	2	-0.255	0.01	-0.003	1	21.81	20	28	2	736	-2.08
2729.1	8	Q6PKG0	K.NFTTAWSDDEESY	NFTTAWSDDEESY[166.9984]DYEI	3	0.222	0.031	-0.004	1	21.62	19	92	8	1096	-1.63
3607.6	24	Q6PKG0	R.ESPRLQLPGAEP	ESPRLQLPGAEP[166.9984]PAIS	3	0.038	0.004	-0.007	1	31.2	19	92	8	1096	-1.9
1540.7	6	Q6PKG0	R.SLPTTVPESPNYR	SLPTTVPESPNYR[166.9984]PNYR	2	-0.161	0.008	-0.003	0	28.75	20	92	8	1096	-1.82
2809.1	18	Q6PKG0	K.NFTTAWSDDEESY	NFTTAWSDDEESY[166.9984]DEESDY[2	3	0.422	0.021	-0.007	1	22.62	18	92	8	1096	-2.48
3687.6	21	Q6PKG0	R.ESPRLQLPGAEP	ES[166.9984]PRQLPGAEP	3	0.638	0.012	-0.007	1	25.74	19	214	14	1096	-1.87
2809.1	12	Q6PKG0	K.NFTTAWSDDEESY	NFTTAWSDDEESY[166.9984]DEES[166.9984]S	3	1.544	0.001	-0.007	1	34.97	18	144	14	1096	-2.48
2053	11	Q6PKG0	K.GLSASLPDLSN.W	GLSASLPDLSN.W[166.9984]LPDLSN.W	2	-0.332	0.011	-0.003	0	27.97	21	148	9	1096	-1.61
1620.7	5	Q6PKG0	R.SLPTTVPESPNYR	S[166.9984]LPTTVPESPNY[243.2	2	-0.697	0.024	-0.003	0</						

3426.4	35	Q6ZRS2	R.LQPPSPPLGPEGSVEI LQPPS[166.9984]PLGPEGSVEES 3	1.41	9.30E-04	-0.006	0	36.75	19	37	5	3230	-1.85
3426.4	18	Q6ZRS2	R.LQPPSPPLGPEGSVEI LQPPSPPLGPEGS[166.9984]VEES 3	0.129	0.038	-0.006	0	20.65	19	22	6	3230	-1.85
1456.7	9	Q6ZRV2	K.VVPPGPGSGGNGP VVPPGPGS[166.9984]GGNGPEI 2	-0.469	0.014	-0.002	0	26.67	21	60	7	1179	-1.68
1899.8	6	Q6ZRV2	R.RLSLGGQDSTEAAT RLS[166.9984]LGGQDSTEAATEI 2	-0.146	0.007	-0.006	1	29.9	21	60	7	1179	-3.35
1214.6	9	Q6ZRV2	R.KGSPPTPGFSTR.R KGS[166.9984]PTPGFSTR 2	0.233	0.003	-0.002	1	33.69	21	60	7	1179	-1.84
1214.6	8	Q6ZRV2	R.KGSPPTPGFSTR.R KGSPT[181.014]PGFSTR 2	-0.785	0.032	-0.002	1	23.41	21	56	6	1179	-1.84
1270.6	4	Q6ZRV2	R.RGSPVPPVPER.R RGS[166.9984]PVPVPER 2	-0.497	0.014	-0.003	1	25.42	20	81	10	1179	-2.17
1469.6	8	Q6ZS57	K.VAILTDDEEQK.R VAILT[181.014]DDEEQK 2	1.666	1.10E-04	-0.003	0	48.92	22	49	1	791	-1.9
5121.1	8	Q709C8	R.QVSSIPIHSGTKGL QVS[166.9984]S[166.9984]PII 4	-0.03	0.038	0.01	1	17.39	16	17	2	3753	2.01
2395.1	27	Q70CQ2	R.DSSIIDPGTEQDLPS DSSIIDPGTEQDLPS[PENS]166.5 3	0.75	0.009	-0.005	0	28.83	21	29	6	3546	-1.93
2395.1	12	Q70CQ2	R.DSSIIDPGTEQDLPS DSSIIDPGTEQDLPS[166.9984]P 2	1.186	3.50E-04	-0.006	0	43.08	21	43	3	3546	-2.64
1837.8	11	Q715F6	K.MEVEDGLGSPKPEE MEVEDGLGS[166.9984]PKPEEI 2	-0.723	0.025	-3.00E-04	1	25.13	22	25	3	2210	-0.16
2348.9	7	Q71U36,P683	K.DYEEVGVDSVEGEC DYEEVGVDSVEGEEGEEY 2	0.205	0.003	-0.005	0	33.41	21	41	3	2210	-0.16
1118.6	12	Q71U9,POC0	R.GDEELDSU.K.A GDEELDSUK 2	-0.97	0.046	-0.002	0	20.66	20	21	3	1167	-2.18
2114.8	10	Q76FK4	R.FLETDSEEEQEVNE FLET[181.014]DS[166.9984]EEI 2	0.751	0.001	-0.005	0	35.82	18	36	3	1167	-2.18
2345.8	9	Q76FK4	R.LQDSSSEEDVTEE LQDS[166.9984]S[166.9984]S 2	-0.189	0.009	-0.006	0	21.37	13	21	4	1167	-2.39
1713.8	10	Q7L2J0	R.TLNAETPKSSPLPAK TLNAET[181.014]PKSS[166.9984] 2	-0.788	0.032	-0.004	1	23.48	21	23	4	689	-2.37
1351.6	8	Q7L2J0	R.CAPSAGSAAAAGV C[160.0307]APSAGS[166.9984] 2	1.813	7.30E-05	-0.003	0	47.44	19	70	5	689	-2.15
1713.8	9	Q7L2J0	R.TLNAETPKSSPLPAK TLNAET[181.014]PKS[166.9984] 2	0.047	0.005	-0.004	1	31.8	21	63	3	689	-2.37
2675.3	15	Q7L2J0	R.DITDPLSLNTCDE DITDPLSLNT[160.0307]TDEG 3	0.623	0.012	-0.005	0	26.56	20	99	6	689	-1.83
3279.4	17	Q7L2J0	R.CAPSAGSAAAAGV C[160.0307]APSAGS[166.9984] 3	1.544	7.70E-05	-0.007	1	49.48	21	99	6	689	-2.2
1197.5	6	Q7L4I2	K.EQSEVSVSPR.A EQSEVSVS[166.9984]PR 2	0.89	6.90E-04	-0.002	0	38.26	19	38	1	434	-1.84
4481.2	33	Q7Z2T5	R.DSAGVPAPAPDSAI DSAGVPAPAPDSALDAPTASAI 4	0.246	0.002	-0.011	0	32.45	17	32	1	733	-2.43
2897.2	8	Q7Z2T5	K.YSTPYTGGQSESH YSTPYTGGQSESHVQAS[166.9] 3	0.125	0.038	-0.008	0	20.58	19	29	2	733	-2.69
4481.2	19	Q7Z2T5	R.DSAGVPAPAPDSAI DSAGVPAPAPDSALDAPTASAI 4	-0.11	1.30E-04	-0.011	0	43.6	17	44	1	733	-2.43
1544.6	11	Q7Z2W4	R.SCTSPDQIHR.A SC[160.0307][181.014]PS[166] 3	0.508	0.014	-0.004	0	24.48	19	34	3	902	-2.42
1481.7	8	Q7Z2W4	R.ASLEDAPVDDLTR.A AS[166.9984]LEDAPVDDLTR 2	-0.123	0.007	-0.002	0	31.08	22	37	6	902	-1.1
1544.6	8	Q7Z2W4	R.SCTSPDQIHR.A S[166.9984]C[160.0307]TPS[16] 3	0.367	0.02	-0.004	0	23	19	23	6	902	-2.42
1464.6	7	Q7Z2W4	R.SCTSPDQIHR.A SC[160.0307]TPS[166.9984]PD 2	-0.965	0.049	-0.003	0	20.71	20	46	7	902	-1.92
3323.4	14	Q7Z2Z1	R.SIVECQDASATPG SIVEC[160.0307]QPDASATPGV 3	2.701	5.70E-05	-0.011	1	50.27	20	50	3	1910	-3.39
3323.4	13	Q7Z2Z1	R.SIVECQDASATPG SIVEC[160.0307]QPDASATPGV 3	2.831	6.30E-06	-0.011	1	59.87	20	60	3	1910	-3.39
2002.9	10	Q7Z3K3	K.SLDSEVSPVSAKPP SLDSEVSPVSAKPPS[166.9984] 2	0.023	0.005	-0.005	1	30.59	20	31	4	1410	-2.38
3391.4	15	Q7Z406	R.LEEGVASDEEAEAE LEEGVAS[166.9984]DEEAEAEQ 3	1.41	8.20E-06	-0.008	0	59.41	21	59	2	1995	-2.4
3551.3	12	Q7Z406	R.LEEGVASDEEAEAE LEEGVAS[166.9984]DEEAEAEQ 3	0.083	0.044	-0.008	0	21.19	20	47	4	1995	-2.36
1722.6	13	Q7Z417	K.GADNDGSGSEGY GADNDGSG[166.9984]GSEGYTT 2	1.978	3.20E-08	-0.003	0	80.6	18	170	5	695	-1.54
1276.5	5	Q7Z417	R.NDSWGSFDLR.A NDS[166.9984]WGSFDLR 2	-0.119	0.006	-0.002	0	28.17	19	170	5	695	-1.49
2428.1	21	Q7Z417	K.DYIEESQNLASPT DYIEESQNLAS[166.9984]PTNT 3	2.01	4.70E-04	-0.003	0	41.5	21	170	5	695	-1.32
1722.6	10	Q7Z417	K.GADNDGSGSEGY GADNDGSGSE[166.9984]GYTT 2	1.218	3.30E-04	-0.003	0	40.49	18	137	6	695	-1.54
1802.6	12	Q7Z417	K.GADNDGSGSEGY GADNDGSG[166.9984]GS[166.9] 2	-0.09	0.007	-0.005	0	24.39	15	174	7	695	-2.54
1483.6	10	Q7Z417	K.NLSDEATNPISR.V NLS[166.9984]DEATNPISR 2	0.803	8.70E-04	-0.003	0	38.25	20	139	4	695	-1.96
3477.6	22	Q7Z434	K.EPSYMPMPVQTOAI EPSYMPMPVQTOAPES[166.998] 3	1.41	0.001	-0.009	0	38.52	21	93	7	540	-2.63
3557.5	21	Q7Z434	K.EPSYMPMPVQTOAI EPSYMPMPVQTOAPES[166.998] 3	1.41	4.70E-04	-0.006	0	41.9	21	93	7	540	-1.68
3477.6	21	Q7Z434	K.EPSYMPMPVQTOAI EPSYMPMPVQTOAPESGENSEQ 3	1.496	0.002	-0.01	0	36.31	21	91	8	540	-2.83
3477.6	9	Q7Z434	K.EPSYMPMPVQTOAI EPSYMPMPVQTOAPESGENSEQ 3	0.771	0.009	-0.01	0	29.06	21	58	6	540	-2.83
3477.6	10	Q7Z434	K.EPSYMPMPVQTOAI EPSYMPMPVQTOAPESGENSEQ[16] 3	1.374	4.50E-04	-0.009	0	42.06	21	88	7	540	-2.63
2502.1	13	Q7Z456	R.KLSSDAPAQDTGS KLS[166.9984]SDAPAQDTGSS 3	1.99	5.10E-04	-0.007	1	41.25	21	41	3	1674	-2.85
2502.1	25	Q7Z456	R.KLSSDAPAQDTGS KLS[166.9984]SDAPAQDTGSS 3	2.682	9.10E-05	-0.007	1	48.73	21	49	4	1674	-2.85
1358.5	8	Q7Z4V5	R.ARGDSALDEES.- ARGDS[166.9984]EALDEES 2	-0.363	0.013	-0.003	1	23.7	17	24	3	671	-2.01
1594.7	13	Q7Z4V5	K.ADSGAKPEPVAM ADS[166.9984]DGAKPEPVAMA 2	-0.649	0.023	-0.004	1	24.73	21	25	1	671	-2.24
1993.7	18	Q7Z4V5	R.GSGSGDLEDRLE GS[166.9984]GGS[166.9984]S 2	-0.713	0.024	-0.004	1	21.23	18	36	4	671	-2.18
1285.6	7	Q7Z589	R.TNSSSSPVVLE.K TNS[166.9984]SSSSPVVLE 2	-0.165	0.008	-0.003	0	28.61	20	34	4	1322	-2.12
1419.7	9	Q7Z5K2	K.RPESSEISPIK.G RPES[166.9984]PSEISPIK 2	-0.004	0.005	-0.003	1	31.32	21	80	4	1190	-2.18
2653.1	17	Q7Z5K2	K.VEEESTGDPFGFDS VEEESTGDPFGFDS[166.9984]D 2	2.732	2.30E-06	-0.004	0	64.05	20	80	4	1190	-1.5
1582.6	12	Q7Z5L9	R.NSNSPPSSMNQI NSNSPPS[166.9984]PSSMNQR 2	-0.019	0.005	-0.005	0	30.17	20	43	3	587	-2.35
1855.9	12	Q7Z5L9	K.LEEPELNROQSNPI LEEPELNROQ[166.9984]PNPR 3	0.128	0.036	-0.004	1	22.68	21	43	3	587	-2.35
1662.6	8	Q7Z5L9	R.NSNSPPSSMNQI NSNS[166.9984]PSSPS[166.998] 2	-0.233	0.01	-0.002	0	24.96	17	39	5	587	-0.93
1582.6	17	Q7Z5L9	R.NSNSPPSSMNQI NSNSPPSPS[166.9984]MNQR 2	-0.486	0.015	-0.005	0	25.5	20	35	3	587	-3.43
1662.6	9	Q7Z5L9	R.NSNSPPSSMNQI NSNS[166.9984]PSS[166.9984] 2	-0.145	0.008	-0.002	0	25.91	17	35	3	587	-0.93
1850.7	5	Q7Z6E9	K.WDKDFESEEDV.V WDKDFES[166.9984]EEDV 2	-0.049	0.006	-0.004	1	27.87	18	33	4	1792	-2.43
1421.5	8	Q7Z6E9	K.DDFESEEDV.V DDFES[166.9984]EEDV 2	-0.715	0.028	-0.003	0	19.16	16	58	10	1792	-1.88
1419.7	9	Q7Z6E9	K.LEVTEIVKPSK.R LEVTEIVKPS[166.9984]PK 2	1.099	4.00E-04	-0.002	1	40.25	19	69	9	1792	-1.73
1577.6	10	Q7Z6Z7	R.GSGTASDDEFENLR GSGTAS[166.9984]DDEFENLR 2	1.484	1.90E-04	-0.002	0	44.2	19	110	6	4374	-1.6
1846.8	11	Q7Z6Z7	R.AGSSTPGDAPPV.AGSS[181.014]PGDAPPVAEV 2	-0.41	0.012	-0.004	0	27.16	21	119	10	4374	-2.27
3367.4	25	Q7Z6Z7	R.REESPMVDQPS.P REESPMVDQPS[166.9984]P 3	1.472	7.00E-07	-0.008	1	68.79	20	76	8	4374	-2.4
1846.8	10	Q7Z6Z7	R.AGSSTPGDAPPV.AGSS[166.9984]TPGDAPPVAE 2	0.028	0.004	-0.004	0	31.57	21	148	13	4374	-2.27
3447.4	25	Q7Z6Z7	R.REESPMVDQPS.P REES[166.9984]PMDVDQPS[16] 3	1.559	7.70E-04	-0.006	1	37.89	19	162	9	4374	-1.71
1227.5	6	Q7Z6Z7	R.AESPEEVACR.K AES[166.9984]PEEVAC[160.03] 2	-0.467	0.014	-0.002	0	24.69	19	110	6	4374	-1.97
3367.4	21	Q7Z6Z7	R.REESPMVDQPS.P REESPMVDQPS[166.9984] 3	1.41	5.50E-08	-0.008	1	79.85	20	110	6	4374	-2.4
3447.4	22	Q7Z6Z7	R.REESPMVDQPS.P REESPMVDQPS[166.9984] 3	1.559	6.00E-04	-0.008	1	38.54	19	162	9	4374	-2.35
4426.1	34	Q7Z7K6	R.AQEEGPEPPPEL AQEEGPEPPPELALLPPPPPI 4	0.206	0.014	-0.008	0	22.87	17	23	2	275	-1.89
4426.1	24	Q7Z7K6	R.AQEEGPEPPPEL AQEEGPEPPPELALLPPPPPI 4	0.191	0.005	-0.008	0	27.16	17	27	2	275	-1.89
1785.7	10	Q7Z7N9	R.GDPVWSETDALV.GDPVWSETDALVGS[166.9984] 2	-0.662	0.025	-0.005	0	23.74	20	24	1	219	-2.64
1357.6	10	Q865Q0	R.LSTGTTVEDVQK.I LST[181.014]GTTVEDVQK 2	0.253	0.003	-0.004	0	34.86	22	35	2	1253	-2.56
2307	18	Q86U42	K.QMNNMSPGGNAG QMNNMS[166.9984]PPPGNAGP 3	1.022	0.005	-0.003	0	31.62	21	32	2	306	-1.77
4385.9	25	Q86U42	R.APPGAPGPGGSG APPGAPGPGGSGAPGS[166.99] 4	0.246	7.00E-04	-0.008	0	37.36	18	79	3	306	-1.16
4385.9	42	Q86U42	R.APPGAPGPGGSG APPGAPGPGGSG[166.9984]GAI 4	-0.092	0.004	-0.008	0	29.33	18	42	3	306	-1.77
3137.2	37	Q86U86	K.GEADDEDDDEDG GEADDEDDDEDGQDNGQVTEC 3	1.41	0.001	-0.008	0	34.11	17	34	4	1689	-2.67
2651.1	14	Q86U86	R.ATSPSSVSGDFDD ATS[166.9984]PSSVSGDFDDG 3	0.921	0.007	-0.006	0	29.54	20	30	2	1689	-2.34
1895.8	14	Q86UE4	K.SQEPIPDQKQVSDI SQEPIPDQKQVS[166.9984]DDI 3	0.071	0.04	-0.002	1	21.1	21	87	7	582	-1.22
1183.5	9	Q86UE4	K.WNSVSPASAGK.R WNSVS[166.9984]PASAGK 2	1.523	1.40E-04	-0.001	0	46.59	21	97	7	582	-1.11
1183.5	13	Q86UE4	K.WNSVSPASAGK.R WNSVSPAS[166.9984]JAGK 2	1.338	2.30E-04	-0.001	0	44.64	21	89	5	582	-1.11
1130.4	5	Q86UE4	K.SETSWESPK.Q SETSWES[166.9984]PK 2	-0.875	0.036	-0.002	0	20.61	19	109	4	582	-2.

2754.2	19	Q86X29	R.SVDALDDLTTPSTA SVDALDDLTTPSTAESGSR[S166.3	0.036	0.043	-0.006	1	21.69	21	76	4	649	-2.33
2754.2	18	Q86X29	R.SVDALDDLTTPSTA SVDALDDLTTPSTAESGSR[S166.3	0.523	0.014	-0.006	1	26.66	21	40	5	649	-2.33
2510	17	Q86X53	R.ARQEEGADASEEDF ARQEEGADAS[166.9984]EEDPT 3	0.285	0.029	-0.008	1	23.19	20	23	1	443	-3.03
2990.3	22	Q86X95	R.NLTANDPQSEYVVA NLTANDPQSEYVVA[166.9984]E 3	1.544	4.10E-04	-0.007	0	42.08	21	42	2	450	-2.18
3605.5	18	Q86XP3	R.YMAENPTAGVVQE YMAENPTAGVQEEEDNLEYD5 3	0.965	0.006	-0.008	0	29.05	19	53	5	938	-2.24
3733.6	18	Q86XP3	R.YMAENPTAGVVQE YMAENPTAGVQEEEDNLEYD5 3	1.41	2.20E-04	-0.008	1	43.2	19	53	5	938	-2.15
3733.6	15	Q86XP3	R.YMAENPTAGVVQE YMAENPTAGVQEEEDNLEY[24 3	1.394	4.80E-05	-0.008	1	49.82	19	82	4	938	-2.24
3605.5	24	Q86XP3	R.YMAENPTAGVVQE YMAENPTAGVQEEEDNLEY[24 3	1.374	5.80E-04	-0.008	0	39.04	19	81	3	938	-3.21
4669.9	20	Q86Y91	R.AMEGNSSDQEQSP AMEGNS[166.9984]DQEQSP E 4	0.038	0.035	-0.015	0	21.15	19	21	2	864	-3.21
4669.9	21	Q86Y91	R.AMEGNSSDQEQSP AMEGNS[166.9984]DQEQSP E 4	0.087	0.032	-0.015	0	21.52	19	22	1	864	-3.21
2350	22	Q86YP4	R.RPPSPDIVLSDNEI RPPS[166.9984]PDVIVLSDNEQ[ 3	1.443	0.002	-0.004	1	35.83	21	90	8	633	-2.63
2430	11	Q86YP4	R.RPPSPDIVLSDNEI RPPS[166.9984]PDVIVLSDNEQ[ 3	0.361	0.002	-0.006	1	34.97	21	90	8	633	-1.78
2350	17	Q86YP4	R.RPPSPDIVLSDNEI RPPS[166.9984]PDVIVLSDNEQ[ 3	1.339	0.002	-0.004	1	34.79	21	90	8	633	-1.75
1871.8	12	Q8IU81	R.AGGASPAASSTAQF AGGAS[166.9984]PAASSTAQPF 2	0.106	0.004	-0.003	0	32.37	21	32	1	584	-0.96
3820.7	14	Q8IUW5	R.AMVAADNSLYDPEFI AMVAADNSLYDPEFVPTSTPGSP[ 3	1.343	0.002	-0.004	0	33.76	20	34	1	271	-0.96
2439.1	16	Q8IV36	R.TGSQEGTSMEGSRF TGS[166.9984]QEGTSMEGSRP[ 3	0.192	0.033	-0.007	1	23.32	21	23	2	788	-2.72
2439.1	18	Q8IV36	R.TGSQEGTSMEGSRF T[181.014]GSQEGTSMEGSRP[ 3	0.343	0.024	-0.007	1	24.76	21	25	1	788	-2.57
1891.8	11	Q8IV36	R.SLEFPQQLSEDSI SLEFPQQLSEDS[166.9984]P[ 2	1.513	1.80E-04	-0.005	0	45.35	20	52	2	788	-2.38
2327.9	8	Q8IV63	R.LSFLSDGDSSEEDT LSLFSDGDSSES[166.9984]EDTL 2	1.086	4.40E-04	-0.005	0	42.12	21	42	1	474	-1.67
2252	12	Q8IVF2	R.DAHDVSPSTDTDE DAHDVSP[166.9984]TDEAC 3	1.057	0.004	-0.004	0	31.97	21	35	9	5795	-1.17
1373.7	8	Q8IVF2	R.KLPEGPVPEGASL K LPEGPVPEGAS[166.9984]LK 2	-0.294	0.01	-0.002	0	28.37	21	134	14	5795	-1.68
995.47	5	Q8IVF2	R.ERLSPWPK.F ERLS[166.9984]WPK 2	-0.452	0.015	-0.002	1	24.79	19	134	14	5795	-1.68
2252	14	Q8IVF2	R.DAHDVSPSTDTDE DAHDV[166.9984]PTSTDTDEAC 2	2.9	4.70E-06	-0.005	0	61.3	21	141	16	5795	-1.67
1387.7	13	Q8IVF2	R.KLPEGPVPEGASL K LPEGPVPEGAS[166.9984]LK 2	0.925	6.10E-04	-0.002	0	39.58	20	129	18	5795	-1.67
2252	13	Q8IVF2	R.DAHDVSPSTDTDE DAHDVSP[181.014]STDTDEAQL 3	1.801	7.30E-04	-0.004	0	39.34	21	141	16	5795	-1.7
2331.9	7	Q8IVF2	R.DAHDVSPSTDTDE DAHDV[166.9984]PTSTDT[18: 3	1.305	0.002	-0.004	0	33.48	20	103	14	5795	-1.7
2183	10	Q8IVF2	R.KPDAEVLTVSEPEE KPDAEVLTVSES[166.9984]PEEEA 3	0.495	0.017	-0.002	0	26.3	21	129	18	5795	-0.4
907.48	5	Q8IVF2	R.VQRPSLK.M VQRPS[166.9984]LK 2	-0.109	0.007	-0.002	1	28.13	19	118	12	5795	-2.51
882.42	6	Q8IVF2,Q8IVF	R.VQMPSLK.M VQMP[166.9984]LK 2	0.682	0.001	-0.001	0	34.13	17	134	10	134	-1.53
916.4	4	Q8IVF2,Q8IVF	R.VQMPSLK.M VQMP[166.9984]LK 2	-0.403	0.015	-0.002	0	22.28	16	134	10	134	-1.65
4986.3	23	Q8IVF5	R.NSSNEWGTGKTK NS[166.9984]S[166.9984]S[16: 5	0.413	0.009	-0.007	1	25.65	18	26	5	1701	-1.35
2109	5	Q8IVL0	R.TSLDGSQNDQD VV [166.9984]LDGSQNDQD VVU 3	0.171	0.033	-0.01	0	23.07	21	23	8	2385	-4.93
2109	9	Q8IVL0	R.TSLDGSQNDQD VV [166.9984]LDGSQNDQD VVU 3	0.092	0.039	-0.01	0	22.32	21	22	4	2385	-4.93
2911.2	17	Q8IVP5	R.NPPPDYSDSDS NPPPDY[243.029]ESDSDSVE 3	1.31	0.003	-0.012	0	33.43	20	33	1	155	-4.13
1735.8	6	Q8IVT2	R.RALSSDLSLPAPDA RALS[166.9984]SDLSLPAPDA R 2	1.24	3.00E-04	-0.004	1	42.76	20	275	18	679	-2.14
2444	13	Q8IVT2	R.NALFPEVFSPTPDE NALFPEVFS[166.9984]PTPDENS 2	1.978	1.10E-08	-0.003	0	87.74	21	275	18	679	-1.26
1776.8	11	Q8IVT2	R.ASTPDVWSEGPQP AS[166.9984]TPD VWSEGPQP G 2	0.489	0.002	-0.003	0	37.25	22	275	18	679	-1.78
1818.8	10	Q8IVT2	R.KSSTVATLQGTDPHCS S[181.014]VATLQGTDPHGD F 2	-0.121	0.007	-0.005	0	29.15	20	275	18	679	-2.54
2444	10	Q8IVT2	R.NALFPEVFSPTPDE NALFPEVFSPTPDENSQNS[166 3	0.957	0.005	-0.004	0	30.97	21	275	18	679	-1.67
1579.7	11	Q8IVT2	R.RALSSDLSLPAPDA RALS[166.9984]SDLSLPAPDA R 2	1.971	5.80E-05	-0.002	0	51.07	21	275	18	679	-1.4
1579.7	11	Q8IVT2	R.RALSSDLSLPAPDA RALS[166.9984]SDLSLPAPDA R 2	1.27	2.70E-04	-0.003	0	44.06	21	275	18	679	-1.78
1735.8	10	Q8IVT2	R.RALSSDLSLPAPDA RALSSD[166.9984]LSLPAPDA R 3	0.605	0.013	-0.004	1	26.41	20	308	22	679	-2.03
2444	21	Q8IVT2	R.NALFPEVFSPTPDE NALFPEVFSPTPDENS[166.9984 3	1.832	7.10E-04	-0.004	0	39.68	21	308	22	679	-1.67
1776.8	10	Q8IVT2	R.ASTPDVWSEGPQP AS[181.014]PD VWSEGPQP GLJ 2	0.564	0.001	-0.003	0	37.97	22	352	19	679	-1.78
1659.7	16	Q8IVT2	R.RALSSDLSLPAPDA RALS[166.9984]SDLS[166.998: 2	-0.685	0.025	-0.004	0	23.41	20	355	20	679	-2.67
1818.8	16	Q8IVT2	R.KSSTVATLQGTDPHCS S[166.9984]VATLQGTDPHGD 2	-0.119	0.007	-0.005	0	29.07	20	355	20	679	-2.54
2444	17	Q8IVT2	R.NALFPEVFSPTPDE NALFPEVFSPT[181.014]PDENS: 3	1.947	5.40E-04	-0.002	0	40.8	21	355	20	679	-0.77
1815.8	18	Q8IVT2	R.RALSSDLSLPAPDA RALS[166.9984]SDS[166.9984] 2	-0.426	0.014	-0.002	1	27	21	355	20	679	-1.23
1659.7	9	Q8IVT2	R.RALSSDLSLPAPDA RALS[166.9984]SDS[166.9984]I 2	0.205	0.009	-0.003	0	28.21	20	355	20	679	-1.71
1579.7	13	Q8IVT2	R.RALSSDLSLPAPDA RALSSD[166.9984]LSLPAPDA R 3	0.194	0.003	-0.003	0	33.2	21	355	20	679	-1.88
2600.1	20	Q8IVT2	R.RNALFPEVFSPTPDI RNALFPEVFSPT[181.014]PDENS: 3	1.046	0.005	-0.005	1	31.81	21	352	19	679	-1.65
1021.3	5	Q8IVT2	R.IYASEEEDD. - IYAS[166.9984]EEDD 1	0.331	0.002	-0.002	0	27.74	13	303	22	679	-1.72
1735.8	14	Q8IVT2	R.RALSSDLSLPAPDA RALS[166.9984]SDLSLPAPDA R 3	0.59	0.014	-0.004	1	26.25	20	352	19	679	-2.03
1659.7	9	Q8IVT2	R.RALSSDLSLPAPDA RALS[166.9984]SDLS[166.998: 2	-0.542	0.019	-0.003	0	24.87	20	303	22	679	-1.71
1114.5	5	Q8IVT2	R.KSQSSDLLER.E SQS[166.9984]SOLLER 2	0.466	0.002	-0.003	0	34.99	20	352	19	679	-2.95
1450.7	7	Q8IVT2	R.HLSESGKPLSTK.Q HLS[166.9984]ESGKPLSTK 2	-0.869	0.036	-0.003	1	22.7	21	311	17	679	-1.81
2600.1	17	Q8IVT2	R.RNALFPEVFSPTPDI RNALFPEVFSPTPDENS[166.998: 3	1.254	0.003	-0.005	1	33.88	21	290	14	679	-1.88
1815.8	7	Q8IVT2	R.RALSSDLSLPAPDA RALS[166.9984]SDS[166.9984] 3	0.328	0.023	5.00E-04	1	24.64	21	308	22	679	0.25
3277.2	13	Q8IWA0	R.K.EIPEDVDMEEKEIS EIPEDVDMEEKES[166.9984]E: 3	1.201	0.003	-0.008	1	29.41	17	29	2	830	-2.51
2135	11	Q8IWA0	R.K.VQDTSNTGLGEDIH VQDTS[166.9984]NTGLGEDIH: 3	0.42	0.018	-0.003	0	25.56	21	47	3	830	-1.37
2135	20	Q8IWA0	R.K.VQDTSNTGLGEDIH VQDTSNT[181.014]GLGEDIHQ 3	0.207	0.029	-0.003	0	23.41	21	37	7	830	-1.37
3197.2	18	Q8IWA0	R.K.EIPEDVDMEEKEIS EIPEDVDMEEKES[166.9984]E: 3	0.3	0.024	-0.011	1	22.35	19	44	5	830	-3.56
1069.5	6	Q8IWB9	R.K.SLSTEVEPK.E SLS[166.9984]TEVEPK 2	-0.368	0.012	-0.003	0	27.63	21	28	2	1127	-2.97
4563.9	29	Q8IWE2	R.IHGWNSSGSEGAQF IHGWNSSGSEGAQNTENGVEPI1 4	0.038	2.30E-04	-0.015	0	42.48	19	42	1	563	-3.37
2857.1	13	Q8IWS0	R.K.TAHNSEADLEESFNI TAHNS[166.9984]EADLEESFNE: 3	0.547	0.015	-0.007	0	24.87	19	38	3	365	-2.62
2857.1	16	Q8IWS0	R.K.TAHNSEADLEESFNI TAHNS[166.9984]EADLEESFNE: 3	0.866	0.007	-0.007	0	20.02	19	30	4	365	-2.62
3193.5	18	Q8IWWW6	R.K.VLSTINNOAVETDI VLSSTINNOAVETDEGIEEIPDS[: 3	1.008	0.005	-0.006	0	30.48	20	30	2	846	-1.95
2556.2	16	Q8IWWW6	R.ATPPNQRGPRDPA ATT[181.014]PPNQRGPRDS[166 3	0.106	0.04	-0.004	1	22.49	21	22	1	846	-1.56
4965.2	24	Q8IX01	R.K.DCPCPDVPGSPQDI DC[160.0307]PPDPVPGSPQDP: 4	0.038	0.006	-0.014	1	28.28	18	46	4	1082	-2.89
3494.3	12	Q8IX01	R.EAELESPEVMEPEE EAELES[166.9984]PEVMEPEE: 3	0.443	0.018	-0.006	0	23.79	19	50	6	1082	-1.63
4965.2	20	Q8IX01	R.K.DCPCPDVPGSPQDI DC[160.0307]PPDPVPGSPQDP: 4	0.191	0.02	-0.014	1	22.85	18	23	4	1082	-2.89
4965.2	11	Q8IX01	R.K.DCPCPDVPGSPQDI DC[160.0307]PPDPVPGSPQDP: 4	0.206	0.001	-0.014	1	35.48	18	39	4	1082	-2.89
5045.1	22	Q8IX01	R.K.DCPCPDVPGSPQDI DC[160.0307]PPDPVPGSPQDP: 4	-0.11	0.012	-0.014	1	25.03	18	25	2	1082	-2.89
5045.1	25	Q8IX01	R.K.DCPCPDVPGSPQDI DC[160.0307]PPDPVPGSPQDP: 4	0.096	0.032	-0.014	1	20.75	18	34	2	1082	-2.75
2787.2	27	Q8IXK0	R.K.LPQQDHTTTTDSEN LPQQDHTTTT[181.014]DSEME: 3	0.91	0.007	-0.006	0	29.46	20	29	3	858	-2.14
2787.2	9	Q8IXK0	R.K.LPQQDHTTTTDSEN LPQQDHTTT[181.014]TTDSEME: 3	1.093	0.004	-0.006	0	31.26	20	31	2	858	-2.14
2787.2	11	Q8IXK0	R.K.LPQQDHTTTTDSEN LPQQDHTTT[166.9984]EM: 3	1.114	0.004	-0.006	0	31.54	20	32	3	858	-2.14
1809.9	8	Q8IXM2	R.K.VYEDSGIPLAEPK VYEDSGIPLAEP[166.9984]PKK 2	0.486	0.002	-0.004	1	36.22	21	49	3	172	-1.93
2108.9	8	Q8IY81	R.GPKSDDDGFEIPII GPKS[166.9984]DDDGFEIPIE: 3	0.239	0.028	-0.003	1	23.79	21	160	6	847	-1.67
2716	22	Q8IY81	R.K.ALDISLSSGEEDEGE ALDISL[166.9984]S[166.9984 3	1.472	0.002	-0.004	0	35.12	20	160	6	847	-1.67
1903.8	8	Q8IY81	R.K.GTEASSGTEAATGLI GTEASS[166.9984]GTEAATGLE: 2	1.086	4.20E-04	-0.005	0	41.22	20	160	6	847	-2.59
2636.1	15	Q8IY81	R.K.ALDISLSSGEEDEGE ALDISL[166.9984]S[166.9984 3	1.199	3.00E-04	-0.005	0	43.35	21	1			

4095	30	Q8IY1T	K.EAAAAAGAAAGAAAT[181.014]GT 4	0.014	0.034	-0.002	0	18.8	17	19	4	594	-0.59
3840.7	10	Q8I2L8	R.EGESPAAGPPQEL EGES[166.9984]PAAGPPQELV 3	0.153	0.036	-0.004	0	21.93	20	45	5	1130	-1.17
5930.7	14	Q8I2L8	R.GADTAPTLAEPALP.GADTAP[181.014]LAPEALPSQ 5	1.007	0.002	-0.003	1	27.91	14	45	5	1130	-0.57
5930.7	39	Q8I2L8	R.GADTAPTLAEPALP.GADTAPTLAEPALP[166.9984] 5	1.756	4.40E-04	-0.003	1	35.44	14	55	4	1130	-0.57
3840.7	21	Q8I2L8	R.EGESPAAGPPQEL EGESPAAGPPQELVEEES[166. 3	0.434	0.019	-0.004	0	24.69	20	55	4	1130	-1.17
2870.3	24	Q8I2L8	R.AGSNEDPILAPSGT AGSNEDPILAPSGT[181.014]PPI 3	0.42	0.02	-0.005	0	24.63	20	50	4	1130	-1.78
1865.8	15	Q8N108	R.ASPPPPTASNSNSI APS[166.9984]PPPTASNSNSQ 2	0.124	0.004	-0.003	0	32.53	21	33	1	512	-1.8
3556.5	14	Q8N108	K.DSSGQDEETSQNSI DSS[166.9984]GQDEETSQNSDI 3	0.644	0.013	-0.012	1	26.78	20	27	2	512	-3.35
2194.9	13	Q8N163	R.SVASNQSEMEFSSL S[166.9984]VASNQSEMEFSSLQ 2	2.732	3.30E-07	-0.003	0	73.47	21	141	5	923	-1.32
3478.6	21	Q8N163	R.NAETPEATTQQUEDT NAET[181.014]PEATTQQUEDT 3	0.471	0.016	-0.01	0	24.11	19	141	5	923	-2.99
2194.9	18	Q8N163	R.SVASNQSEMEFSSL S[166.9984]EMEFSSLQ 3	1.41	4.70E-04	-0.002	0	41.93	21	141	5	923	-1.09
3103.3	18	Q8N163	K.LEDSEVRSVASNQ LEDSEVR[166.9984]VAS[166.5 3	1.41	0.002	-0.007	1	36.22	20	141	5	923	-2.27
2274.9	8	Q8N163	R.SVASNQSEMEFSSL SVAS[166.9984]NQ[166.9984 2	0.811	8.00E-04	-0.004	0	38.47	20	141	5	923	-1.9
2274.9	18	Q8N163	R.SVASNQSEMEFSSL S[166.9984]VAS[166.9984]NQ 3	0.161	0.038	-0.004	0	21.94	20	163	7	923	-1.59
3103.3	8	Q8N163	K.LEDSEVRSVASNQ LEDSEVR[166.9984]NQ[1 3	0.75	0.01	-0.007	1	27.85	20	126	5	923	-2.27
2194.9	16	Q8N163	R.SVASNQSEMEFSSL SVAS[166.9984]NQSEMEFSSLQ 2	2.281	2.90E-05	-0.003	0	54.07	21	163	7	923	-1.32
3103.3	18	Q8N163	K.LEDSEVRSVASNQ LEDSEVR[166.9984]VASNQ[1 3	0.591	0.014	-0.005	1	26.31	20	190	7	923	-1.73
3023.3	10	Q8N163	K.LEDSEVRSVASNQ LEDSEVR[166.9984]VASNQSEI 3	1.92	6.10E-04	-0.003	1	40.55	21	240	10	923	-1.1
1736.7	8	Q8N1F8	R.RASISEPSTDPPEPR RAS[166.9984]SEPSDTPPEPR 3	0.201	0.034	-0.004	1	23.37	21	23	2	1099	-2.17
1736.7	14	Q8N1F8	R.RASISEPSTDPPEPR RASISEP[166.9984]DTPPEPR 3	0.116	0.041	-0.004	1	22.49	21	22	2	1099	-2.17
1736.7	13	Q8N1F8	R.RASISEPSTDPPEPR RASISEP[181.014]DTPPEPR 3	0.214	0.033	-0.004	1	23.49	21	23	2	1099	-2.17
2007.8	11	Q8N1G0	R.SDPDGGDPSLPASC S[166.9984]PLPASC 2	-0.193	0.009	-0.005	0	27.4	19	27	1	1237	-2.46
2007.8	6	Q8N1G0	R.SDPDGGDPSLPASC S[166.9984]DPDGGDPSLPASC 2	-0.833	0.039	-0.005	0	21.03	19	21	2	1237	-2.46
3724.6	15	Q8N1G0	K.ASALGLDGEIEEAP ASALGLDGEIEEAPPSR[166.99 3	1.583	0.001	-0.011	1	36.19	20	36	3	1237	-3.07
1636.7	19	Q8N1G2	K.ASTTSLGSDSETEG ASTTSLGSDS[166.9984]ETEGK 2	-0.327	0.012	-0.006	0	25.95	19	26	1	835	-3.51
2853.2	22	Q8N1G4	K.EEGLSDTEADAVSI EEGSL[166.9984]DTEADAVSGI 3	1.41	0.001	-0.005	0	37.81	21	38	1	583	-1.81
2853.2	11	Q8N1G4	K.EEGLSDTEADAVSI EEGS[166.9984]LSDTEADAVSGI 3	1.394	3.00E-04	-0.005	0	43.69	21	44	1	583	-1.81
1098.6	5	Q8N2M8	R.KISPPSYAR.R KIS[166.9984]PPSYAR 2	-1.003	0.048	-0.002	1	21.19	21	21	1	674	-2.19
2279	7	Q8N328	K.DDSPDEVPSTFTVQ DDS[166.9984]DPEVSTFTVQC 2	0.116	0.043	-0.004	0	22.49	21	22	2	593	-1.88
1394.7	6	Q8N357	R.LLGGTRTRPINDAS.L LGGTR[181.014]PINDAS 2	-0.041	0.006	-0.002	1	29.85	20	30	1	371	-1.38
2877.1	12	Q8N3D4	K.PSDVGNLDDFAESC PSDVGNLDDFAESC[166.9984]DE 3	1.903	5.80E-04	-0.007	0	39.43	20	67	2	1523	-2.5
2457.1	12	Q8N3D4	R.ANEAGQGVPEAP ANEAGQGVPEAPRPPET[166. 3	2.455	1.60E-04	-0.006	1	45.95	21	67	2	1523	-2.4
2457.1	12	Q8N3D4	R.ANEAGQGVPEAP ANEAGQGVPEAPRPPET[181.0 3	1.868	6.40E-04	-0.006	1	40.02	21	60	3	1523	-2.4
3016.2	14	Q8N3E9	R.ALSDREEDDEEELS[166.9984]REEDDEEELS 3	1.41	0.001	-0.008	1	36.65	20	37	1	789	-2.55
3641.5	12	Q8N3V7	R.SSPGLYTPSGDLSL S[166.9984]SSPGLY[243.0297]TSPGDLSLQ 3	1.003	0.005	-0.008	0	30.43	20	75	8	929	-2.16
3561.6	13	Q8N3V7	R.SSPGLYTPSGDLSL S[166.9984]SSPGLYTPSGDLSLQ 3	0.309	0.026	-0.01	0	23.49	20	75	8	929	-2.74
2266	18	Q8N3V7	R.DRASPAAAEVEVPE DRAS[166.9984]PAAAEVPEV 3	0.632	0.011	-0.003	1	27.72	21	75	8	929	-1.29
1783.9	9	Q8N3V7	K.VASEEVEVPLVYK VAS[166.9984]VEEVEVPLVYK 2	-0.431	0.015	-0.002	0	26.05	20	75	8	929	-1.12
1703.8	11	Q8N3V7	R.SPPSYLVPSDPK S[166.9984]PPSYLVPSDPK 2	1.723	9.10E-05	-0.003	0	48.56	21	143	11	929	-1.58
3561.6	15	Q8N3V7	R.SSPGLYTPSGDLSL S[166.9984]SSPGLY[243.0297]TSPGDLSLQ 3	1.655	6.90E-04	-0.006	0	39.46	20	141	10	929	-1.72
3641.5	22	Q8N3V7	R.SSPGLYTPSGDLSL S[166.9984]SSPGLYTPSGDLSLQ 3	0.307	0.025	-0.008	0	23.42	20	143	11	929	-1.16
1885	15	Q8N3V7	R.AASPAPKPSLDLVP AI[166.9984]PAPKPSLDLVPNI 3	1.027	0.005	-0.002	1	28.6	18	125	12	929	-1.07
3561.6	8	Q8N3V7	R.SSPGLYTPSGDLSL S[166.9984]PAPKPSLDLVPNI 3	1.231	0.003	-0.01	0	32.66	20	143	11	929	-2.74
1637.6	8	Q8N3V7	R.CPSPTMSPSSWK.C [160.0307]P[166.9984]PTM: 2	0.091	0.004	-0.002	0	30.24	19	143	11	929	-1.25
2087.8	19	Q8N3X1	K.IDENSDKEMEVEES IDENS[166.9984]DKEMEVEES[1 2	1.13	4.30E-04	-0.005	1	39.69	18	132	8	1017	-1.82
2087.8	19	Q8N3X1	K.IDENSDKEMEVEES IDENS[166.9984]DKEMEVEESPI 2	-0.491	0.015	-0.006	1	25.45	20	132	8	1017	-1.82
2581	15	Q8N3X1	K.ATGGLLCAYADYS ATGGLLCAYADYS[166.9984]LLCAYADYS[1 2	1.978	4.70E-07	-0.004	0	71.24	21	132	8	1017	-1.34
2980.2	12	Q8N3X1	R.ALEGGDGSVSSSP ALEGGDGSVSSSP[166.9984]PR: 3	0.291	0.027	-0.006	1	23.31	20	132	8	1017	-1.82
2968.3	11	Q8N556	R.TLENSPISCCDSDT TLENSPIS[166.9984]C[160.03 3	1.41	0.002	-0.005	0	36.62	22	69	6	730	-1.82
2621.1	16	Q8N556	K.EAYSGCGPVDESC EAYSG[160.0307]SGPVDESC[1 3	1.41	2.60E-05	-0.007	0	53.85	21	69	6	730	-2.75
2968.3	24	Q8N556	R.TLENSPISCCDSDT TLENSPIS[160.0307]DTS[166 3	1.137	0.004	-0.005	0	33.73	22	80	6	730	-1.82
2621.1	16	Q8N556	K.EAYSGCGPVDESC EAYSG[160.0307]SGPVDESC[1 3	1.172	7.50E-06	-0.007	0	59.29	21	70	5	730	-2.75
2968.3	27	Q8N556	R.TLENSPISCCDSDT TLENSPIS[160.0307]DTS[1 3	1.452	0.003	-0.005	0	33.87	22	122	6	730	-1.82
1329.6	7	Q8N556	K.SGTSSPQSPVFR.H SGTSSPQ[166.9984]PVFR 2	-0.775	0.031	-0.002	0	22.54	20	122	6	730	-1.82
2968.3	32	Q8N556	R.TLENSPISCCDSDT TLENSPIS[160.0307]DT[181. 3	0.234	0.027	-0.005	0	24.77	22	42	5	730	-1.49
1329.6	7	Q8N556	K.SGTSSPQSPVFR.H SGTSS[166.9984]PQSPVFR 2	-0.751	0.029	-0.002	0	22.85	20	83	5	730	-1.49
1279.6	13	Q8N565	K.ELHYLPPFP.S ELHYLPPFS[166.9984]P 2	0.196	0.003	-9.00E-04	0	32.22	20	32	1	214	-0.74
1632.8	9	Q8N5F7	R.IGELGAPEVWGLSP I[166.9984]PEVWGLS[166.9984]PK 2	-0.54	0.017	-0.002	0	25.93	21	26	2	245	-1.03
2594	13	Q8N5P1	K.DYDVSNDNDICQEQ DYDVS[166.9984]DNDI[C160. 2	1.982	2.20E-08	-0.004	0	82.01	18	82	1	911	-1.72
1193.6	6	Q8N5Y2	R.SSSPILPTPSK.E SSS[166.9984]PILPTPSK 2	-0.555	0.018	-0.002	0	24.81	20	25	1	521	-1.87
3494.4	18	Q8N655	K.ESSFTDENPSETEE ESSTFTDENPSETEE[166.9984]ETEESI 3	2.572	1.80E-06	-0.014	1	64.57	20	65	2	1247	-4
3494.4	8	Q8N655	K.ESSFTDENPSETEE ESSTFTDENPSETEE[181.014]EES 3	0.484	0.016	-0.014	1	25.24	20	25	2	1247	-4
2299	12	Q8N684	R.DSSDADGRATPSE DSSDADGRAT[181.014]PSENL 3	0.405	0.02	-0.006	1	25.41	21	25	2	471	-2.47
1783.8	6	Q8N6N3	R.LPEGETLESDEK LPEGETLES[166.9984]DDEK 2	0.392	0.002	-0.004	0	34.28	20	34	2	182	-2.23
1866.7	11	Q8N6T3	K.SPSSDWTCDTST S[166.9984]PSSDWTCDT[160.03 2	1.985	7.10E-06	-0.004	0	55.88	17	56	1	406	-2.03
1434.9	6	Q8N7R7	R.SFSADNFQIQR.S SFS[166.9984]ADNFQIQR 2	2.799	8.10E-06	-0.002	0	59.25	21	59	1	359	-1.12
1731.8	9	Q8N8A6	R.RVNDAPGPEAPC RVNDAPG[166.9984]PEAPQC 2	-0.062	0.006	-0.003	1	30.74	21	75	4	666	-1.93
4080.6	47	Q8N8A6	K.ADGEDAGAESNEE ADGEDAGAES[166.9984]NEEAF 4	0.038	0.007	-0.009	0	27.28	18	75	4	666	-2.11
1575.7	16	Q8N8A6	R.VNDAPGPEAPC RVNDAPG[166.9984]PEAPQGI 2	2	4.90E-05	-0.003	0	51.36	21	75	4	666	-1.8
2688.2	20	Q8N9B5	K.GAASPVLQEDHC GAAS[166.9984]PVLQEDHC[16 3	0.478	0.015	-0.005	0	26.13	21	26	1	908	-1.88
2320	13	Q8N9T8	R.AFVDEDEDEGAGI AFVDE[166.9984]EDEDGAGEC 3	2.572	3.00E-06	-0.004	0	63.11	20	199	9	799	-1.82
1831.7	7	Q8N9T8	K.VYDEENSDEGTSNH VYDEENS[166.9984]DGETSNHR 3	-0.014	0.047	-0.002	0	19.26	19	199	9	799	-0.95
3071.3	17	Q8N9T8	R.QLPALDGLMGPES QLPA[166.9984]DGLMGPES[166.9984]P 3	1.807	8.20E-04	-0.005	0	39.47	21	199	9	799	-1.8
2991.4	20	Q8N9T8	R.QLPALDGLMGPES QLPA[166.9984]DGLMGPES[166.9984]P 3	0.033	0.043	-0.007	0	21.76	21	225	7	709	-2.44
1588.7	13	Q8N9U9	R.GHPAGSGGVVENG GHPAGS[166.9984]GGVVENG 3	0.042	0.049	-0.007	0	20.77	20	21	1	471	-4.71
2832	16	Q8NAV1	R.VSALEEDMDDVES VSALEEDMDDVES[166.9984]S 3	0.017	0.047	-0.005	0	17.52	17	18	1	312	-1.76
3230.2	17	Q8NAV1	R.VSALEEDMDDVES VSALEEDMDDVES[166.9984]S 3	1.544	2.50E-05	-0.008	1	51.84	18	56	2	312	-2.52
2354	7	Q8NB49	K.GVTQEVLDGSLQTDI GVTQEVLDGSLQTT[181.014]DGTI 2	0.537	0.002	-0.008	0	33.75	20	36	4	1132	-3.39
2354	9	Q8NB49	K.GVTQEVLDGSLQTDI GVTQEVLDGSLQTT[166.9984]QTDG 2	0.276	0.003	-0.008	0	35.05	20	33	2	1132	-3.39
1742.7	9	Q8NC44	R.QALDSEEEEDVAA QALDS[166.9984]EEEEEVAAK 2	1.978	4.20E-05	-0.005	0	51.16	20	80	5	543	-2.62
3301.4	22	Q8NC44	K.NAPPGGDEPLAETE NAPPGGDEPLAETE[181.014]EJ 3	0.416	0.02	-0.003	0	24.56	20	80	5	543	-0.83
3301.4	17	Q8NC44	K.NAPPGGDEPLAETE NAPPGGDEPLAETES[166.9984] 3	0.547	0.015</								

1829.8	5	Q8NEB7	K.FHSESLSSNPSSFAP FHSE[166.9984]SSNPSSFAPR	2	-0.756	0.029	-0.005	0	23.83	21	24	1	543	-2.95
1370.5	5	Q8NEF9	K.EYFDDSTEER.F EYFDD[181.014]EER	2	-0.286	0.011	-0.003	0	22.5	15	22	2	429	-2.17
2378.9	13	Q8NEJ9	K.LSSEDEEEDAEADD LSS[166.9984]EEDDEEAEDDQ	2	1.978	7.80E-09	-0.007	0	84.96	16	85	2	315	-2.76
2506.9	12	Q8NEJ9	K.LSSEDEEEDAEADD LSS[166.9984]EEDDEEAEDDQ	3	0.62	0.011	-0.003	1	24.55	18	196	5	315	-1.12
2378.9	13	Q8NEJ9	K.LSSEDEEEDAEADD LSS[166.9984]EEDDEEAEDDQ	2	2.14	1.10E-07	-0.007	0	73.34	16	196	5	315	-2.76
2506.9	20	Q8NEJ9	K.LSSEDEEEDAEADD LSS[166.9984]EEDDEEAEDDQ	2	0.68	9.80E-04	-0.003	1	35.16	18	73	2	315	-1.32
1918.7	7	Q8NEM2	K.GLFQDEEDSCSDSY GLFQDEED[160.0307]S[166.9	2	1.129	3.90E-04	-0.004	0	38.58	17	39	2	672	-2.16
1918.7	8	Q8NEM2	K.GLFQDEEDSCSDSY GLFQDEED[160.0307]S[166.9	2	1.703	1.00E-04	-0.004	0	44.29	17	44	1	672	-2.16
2589.9	6	Q8NEN9	K.HPTNTSDNEGSDTE HT[181.014]PNT[181.014]SDNI	3	0.267	0.028	-0.002	0	21.02	18	21	5	1154	-0.87
4119.6	28	Q8NEN9	R.LESEPTDLVEPSPK R.LESEPTDLVEPSPKHT[181.0	4	0.246	0.002	-0.01	1	31.01	17	50	5	1154	-2.53
1704.7	7	Q8NEN9	R.ELDFEFEDLASDVR. ELDS[166.9984]EFEDLASDVR	2	0.755	9.70E-04	-0.001	0	37.86	20	50	5	1154	-0.76
1504.7	4	Q8NEY8	R.DNTFFRESVGR.K DNTFFRES[166.9984]PVGR	2	-0.738	0.028	-0.003	1	23.91	21	24	2	458	-1.95
938.46	5	Q8NFC6	K.DVTLSPVK.A DVTL[166.9984]PVK	1	-0.051	0.006	-0.002	0	30.88	21	31	11	3051	-1.86
2568	8	Q8NFC6	K.DEYSSSETTGEKPEC DEYS[166.9984]SETTGEKPEQ	3	0.074	0.047	-0.008	1	21.07	20	51	14	3051	-2.99
1181.6	6	Q8NFC6	K.DKDVTLSPVK.A DKDVTL[166.9984]PVK	2	-0.697	0.027	-0.002	1	23.29	20	51	14	3051	-2.07
2762	19	Q8NFC6	K.KEQESDEEEEEEKEQES[166.9984]DEEEEEEDEE	3	0.843	0.008	-0.009	1	23.76	15	51	14	3051	-3.34
1879.7	16	Q8NFC6	K.YYSDSDDELTVGR.YY[243.0297]SDS[166.9984]DC	2	0.989	5.70E-04	-0.004	0	36.15	16	51	14	3051	-2.16
953.47	6	Q8NFC6	K.TQLSPSIK.R TQLS[166.9984]PSIK	2	-0.924	0.044	-0.002	0	22.05	21	22	9	3051	-2.12
1136.5	6	Q8NFJ5	R.AHAWPSPYK.D AHAWP[166.9984]PYK	2	-0.617	0.022	-0.002	0	23.19	19	23	1	357	-1.89
3706.6	11	Q8NH9H	R.TSDPSAAVNHVST TSDPSAAVNHVSTTS[166.9984	3	1.41	3.80E-04	-0.01	0	39.24	18	39	4	583	-2.77
3706.6	23	Q8NH9H	R.TSDPSAAVNHVST TSDPSAAVNHVSTTS[166.9984	3	1.544	3.90E-04	-0.01	0	39.17	18	39	2	583	-2.77
3862.7	25	Q8NH9H	R.RTSDPSAAVNHVST RTS[166.9984]DPSAAVNHVST	3	1.559	6.60E-04	-0.008	1	38.13	19	60	3	583	-2.09
2578.2	19	Q8NHMS	R.APKPPTDGSPTS' APKPPTDGSPTS[166.9984]PTST	3	0.341	0.025	-0.007	1	24.81	21	26	8	1336	-2.6
1531.6	5	Q8NHQ9	K.TVDLGLSLEDDC.- TVDLGLS[166.9984]DLEDDC[16	2	-0.357	0.013	-0.002	0	25.79	19	26	2	600	-1.16
2318.9	11	Q8NHQ9	R.EEGSDIEDEDMEEL EEGS[166.9984]DIEDEDMEEL	3	0.047	0.048	-0.003	0	19.83	19	32	2	600	-1.23
2342.9	10	Q8NHWS,POS	K.VEAKEESESEDEDM VEAKEES[166.9984]EESDEDMG	2	1.978	1.60E-05	-0.005	1	54.65	19	55	5	1593	-2.21
2342.9	12	Q8NHWS,POS	K.VEAKEESESEDEDM VEAKEES[166.9984]DDEDMG	2	1.679	1.20E-04	-0.005	1	46.15	19	46	1	1593	-2.21
1603.6	11	Q8NI27	K.SESPSPYNEK.D SES[166.9984]PC[160.0307]ESI	2	-0.346	0.012	-0.003	0	25.9	19	27	4	1593	-1.66
1572.7	11	Q8NI27	K.IDTHPSHSSTVK.D IDTHPS[166.9984]PSHSSTVK	3	0.127	0.042	-0.003	0	21.7	20	31	2	1593	-1.71
2251.8	19	Q8NI35	K.ALTDSDENEDEA ALTDSD[166.9984]DENEEDAF	2	1.978	2.10E-07	-0.005	0	72.49	18	92	3	1801	-2.26
1207.5	8	Q8NI35	K.VPDSPENELK.S VPDS[166.9984]PENELK	2	0.653	0.001	-0.003	0	35.84	19	85	4	1801	-2.82
1628.7	6	Q8NI35	R.RLFDEASVDEPR.F RLFDEAS[166.9984]VDEPR	2	0.192	0.003	-0.004	1	33.25	21	105	6	1801	-2.33
3500.5	25	Q8TAA9	R.TEEVQDDNWGETT TEEVQDDNWGETT[166.9984]T	3	1.655	1.00E-05	-0.009	0	56.91	20	57	1	524	-2.66
1991.14	14	Q8TAD8	R.RPDHSGGSPPTTS RPDHS[166.9984]GGSP[166.9	3	0.135	0.036	-0.004	1	21.78	20	26	6	396	-1.76
1666.8	14	Q8TAD8	K.QERLSPVAPPAPHR QERLS[166.9984]PEVAPPAPHR	3	0.523	0.015	-0.004	1	26.58	21	27	3	396	-2.2
2075.9	17	Q8TAQ2	K.DMDEPSPVNVNE' DMDEPS[166.9984]PVPNVNEV	3	0.04	0.044	-0.003	0	21.8	21	71	4	1214	-1.43
1684.7	9	Q8TAQ2	K.TLTDVENSPPDRR TLTDVENS[166.9984]PDSDRR	3	0.342	0.025	-0.003	1	23.85	20	53	3	1214	-1.95
1232.6	6	Q8TB61	K.AVVPVSPVQV.- AVVPVES[166.9984]PVQV	2	0.696	0.001	-0.002	1	37.32	20	37	2	432	-2.02
1457.6	8	Q8TB72	K.GKASPFEEQDNR.D GKAS[166.9984]PFEEQDNR	2	-0.091	0.006	-0.003	1	29.45	20	29	5	1066	-2.25
1195.6	6	Q8TB72	R.QASPTVEVVER.L QAS[166.9984]PTEVVER	2	-0.245	0.01	-0.002	0	25.88	18	30	3	1066	-1.88
1773.8	7	Q8TB72	R.TPGSRQASPTVEV TPGS[166.9984]RQAS[166.998	2	0.04	0.004	-0.003	1	31.71	21	63	4	1066	-1.59
3522.5	20	Q8TB85	K.QVLTAPSGAGQPR.QVLTAPSGAGQPR[166.9984]E	3	1.758	9.10E-04	-0.009	1	37.98	20	38	3	520	-2.44
1528.7	8	Q8TBET	K.QDYQEILDSPIK.- QDYQEILDS[166.9984]PIK	2	-0.603	0.019	-0.003	0	26.28	22	26	1	412	-1.67
1754.7	8	Q8TC07	R.NDSPTQI[166.9984]NDS[166.9984]PTQI[166.998	2	-0.02	0.005	-0.004	0	31.16	21	31	2	691	-2.4
1735.6	9	Q8TC12	R.ENPPVEDSDEDDK ENPPVEDS[166.9984]S[166.99	2	0.235	0.003	-0.002	0	25.71	13	128	7	826	-1.39
1811.7	8	Q8TC12	R.ENPPVEDSDEDDK ENPPVEDS[166.9984]DDEDDK	2	-0.715	0.029	-0.002	1	21.21	18	128	7	826	-1.1
1811.7	13	Q8TC12	R.ENPPVEDSDEDDK ENPPVEDS[166.9984]DDEDDK	2	1.978	2.10E-05	-0.002	1	52.57	18	128	7	826	-1.1
1891.7	8	Q8TC12	R.ENPPVEDSDEDDK ENPPVEDS[166.9984]S[166.99	2	-0.849	0.034	-0.003	1	17.87	16	128	7	826	-1.6
1655.6	12	Q8TC12	R.ENPPVEDSDEDDK ENPPVEDS[166.9984]DDEDDK	2	2.085	8.60E-08	-0.002	0	75.13	17	91	6	826	-1.45
2911.3	21	Q8TC77	K.DSATPLSPQPPSEF DSATPLSPQPPSEFATSPPWPAEC	3	0.065	0.049	-6.00E-04	0	20.98	20	21	1	592	-0.21
1755.6	16	Q8TD86	K.EGHETPMDISDD.EGHETPMDIS[166.9984]DSD	2	-0.471	0.015	-0.002	0	23.62	18	24	3	740	-3.94
1659.6	11	Q8TDD1	K.IDDRDSDEEGASDR IDDRDS[166.9984]DEEGASDR	2	1.978	1.20E-05	-0.001	1	54.05	17	120	5	881	-0.65
2709.2	9	Q8TDD1	K.LGPGRPLPTFTTSEC LGPGRPLPTFTTSEC[166.9984	3	1.002	0.005	-0.006	1	31.42	21	120	5	881	-2.18
2228.9	6	Q8TDD1	R.PLPTFTTSECTSDVE PLPTFTTSEC[160.0307]TS[166	2	0.145	0.003	-0.005	0	32.81	21	120	5	881	-2.26
2228.9	15	Q8TDD1	R.PLPTFTTSECTSDVE PLPTFTTSEC[160.0307]TS[166	2	1.132	3.50E-04	-0.005	0	42.58	21	128	6	881	-2.26
2709.2	9	Q8TDD1	K.LGPGRPLPTFTTSEC LGPGRPLPTFTTSEC[160.0307]T	3	1.388	0.002	-0.006	1	35.23	21	132	5	881	-2.18
2709.2	29	Q8TDD1	K.LGPGRPLPTFTTSEC LGPGRPLPTFTTSEC[160.0307]T	3	0.524	0.016	-0.006	1	26.27	21	102	5	881	-2.18
2901.2	12	Q8TDM6	K.CVPASGELSPELQE C[160.0307]VPASGELS[166.998	3	1.544	1.30E-04	-0.005	0	45.98	20	46	1	1919	-1.7
2901.2	12	Q8TDM6	K.CVPASGELSPELQE C[160.0307]VPASGELS[166.998	3	1.961	5.20E-04	-0.005	0	39.96	20	40	4	1919	-1.7
2901.2	12	Q8TDM6	K.CVPASGELSPELQE C[160.0307]VPASGELS[166.998	3	0.878	0.006	-0.005	0	29.12	20	48	3	1919	-1.7
1178.9	9	Q8TDM6	R.VGPCSPAPPAAR.D VGPC[160.0307]S[166.9984]P	2	0.076	0.004	-0.002	0	31.2	20	31	3	1919	-1.51
1471.6	11	Q8TDM6	R.NLLQSWEDM.K NLLQSW[166.9984]WEDM	2	0.537	0.001	-0.002	0	36.59	21	48	3	1919	-1.14
2552.1	22	Q8TE77	K.APSEELHGDQDFT APSEELHGDQDFT[166.9984]G	2	0.711	0.009	-0.007	0	26.51	19	27	1	619	-2.66
1644.6	9	Q8TEA8	R.SASSGAEGDSSER SASS[166.9984]GAEGDSSEREI	2	1.978	3.70E-05	-0.003	1	51.08	19	51	1	209	-1.56
1753.7	18	Q8TEK3	K.VAGPADAPMDSG.VAGPADAPMDS[166.9984]GAE	2	-0.1	0.007	-0.005	0	28.36	19	28	3	1739	-3.39
1468.7	6	Q8TEK3	R.ARSTSPVLPQR.D ARST[181.014]PS[166.9984]PV	2	-0.958	0.045	-0.003	1	21.68	21	37	5	1739	-1.84
1203.5	5	Q8TEM1	R.DLAVPAALTR.A DLAVPAAL[181.014]PR	2	-0.054	0.007	-0.002	0	28.77	19	29	2	1887	-1.66
1410.6	7	Q8TER5	R.GSPPTDAEGSPGLSR GSPPTDAEGS[166.9984]PGLSR	2	0.603	0.001	-0.003	0	36.39	20	36	1	1519	-2.11
2027.9	21	Q8TEW0	K.SPGSPGPELPIETA SPGS[166.9984]PGPELPIETALI	2	-0.803	0.033	-0.003	0	22.26	20	22	6	1356	-1.64
2027.9	13	Q8TEW0	K.SPGSPGPELPIETA S[166.9984]PGSPGPELPIETALI	2	1.458	1.80E-04	-0.003	0	44.8	20	45	4	1356	-1.64
2483	15	Q8TF01	R.SKFDSDEEEDTEN' SKFDS[166.9984]DEEEDTENVI	2	0.825	0.008	-0.004	1	27.61	19	28	3	805	-1.48
2995	27	Q8WU17	R.EAAAESDRELNEDD EAAAES[166.9984]DRELNEDD	3	0.253	0.027	-0.007	1	18.88	16	44	3	664	-2.51
2835.1	15	Q8WU17	R.EAAAESDRELNEDD EAAAES[166.9984]DRELNEDD	3	0.016	0.045	-0.008	1	19.59	19	23	2	664	-2.81
2083.8	23	Q8WU17	R.NGVQHTGAAAEF NGVQHTGAAAEFNDD[181.014]	2	0.991	5.20E-04	-0.01	0	40.24	20	44	3	664	-2.87
1794.7	15	Q8WUM9	R.EIKCSPSEPLMEK.I EIKC[160.0307]S[166.9984]P	2	-0.591	0.019	-0.004	1	23.31	19	23	2	679	-4.25
3419.5	27	Q8WUZ0	K.GTEPSPGGTQPSPR GT[181.014]EPSPGGTQPSPRV	3	2.526	1.60E-04	-0.008	1	45.66	20	74	3	217	-2.42
3419.5	17	Q8WUZ0	K.GTEPSPGGTQPSPR GT[181.014]EPSPGGTQPSPRV	3	0.153	0.028	-0.008	1	23.22	20	74	3	217	-2.42
3499.5	26	Q8WUZ0	K.GTEPSPGGTQPSPR GT[181.014]EPSPGGTQPSPRV	3	1.538	0.002	-0.009	1	35.74	20	66	5	217	-2.51
3419.5	22	Q8WUZ0	K.GTEPSPGGTQPSPR GT[181.014]EPSPGGTQPSPRV	3	1.993	5.50E-04	-0.008	1	40.28	20	57	3	217	-2.42
3499.5	17	Q8WUZ0	K.GTEPSPGGTQPSPR GT[181.014]EPSPGGTQPSPRV	3	0.614	0.013	-0.009	1	26.57	20	57	3	217	-2.51

1508.6	8	Q8WW11	R.HSPSPASQSGSQLR	S[166.9984]HSPSPASQSGSQLR	3	0.781	0.009	-0.001	0	29.16	21	204	10	1683	-0.93
1037.5	4	Q8WW11	R.ISINQTPGK.S	ISINQ[181.014]PGK	2	-0.823	0.032	-9.00E-04	0	22.16	20	159	11	1683	-0.85
1696.7	9	Q8WW11	K.SRSTTELDYDSTNK.I	SRST[181.014]ELDDYSTNK	3	0.658	0.011	-0.004	1	27.94	21	289	15	1683	-2.44
1912.9	12	Q8WW11	K.EVDGLLTPSPGMS	EVDGLLTPSPGMS[166.9984]PV	2	1.753	8.70E-05	-0.004	0	48.89	21	107	6	1075	-1.85
1827.8	19	Q8WW11	K.GPPSPVFEVYNNP	GPPSPVFEVYNNP[166.9984]PV	3	0.506	0.014	-0.003	0	27.46	22	107	6	1075	-1.67
3598.7	14	Q8WW11	K.EDKPPPLASGGTEG	EDKPPPLASGGTEGPEQPPPPC1	3	1.41	1.30E-04	-0.008	1	45.43	19	107	6	1075	-2.23
3598.7	42	Q8WW11	K.EDKPPPLASGGTEG	EDKPPPLASGGTEGPEQPPPPC1	3	1.461	0.002	-0.008	1	33.97	19	120	6	1075	-2.23
3598.7	25	Q8WW11	K.EDKPPPLASGGTEG	EDKPPPLASGGTEGPEQPPPPC1	4	0.206	0.013	-0.006	1	25.65	19	123	5	1075	-1.67
1812.7	11	Q8WW11	R.TAFYNNEDDEEQR	TAFYNNEDS[166.9984]EEQR	2	2.241	6.60E-06	-0.005	0	58.15	19	64	7	1821	-2.8
1289.6	12	Q8WW11	R.AQSYDIQAWK.K	AQSY[166.9984]YDIQAWK	2	-0.355	0.011	-0.001	0	27.78	21	28	1	1821	-0.83
1438.5	7	Q8WW11	K.KVLSDSEDEEK.D	KVLS[166.9984]DS[166.9984]E	2	-0.353	0.012	-0.003	1	23.69	17	64	7	1821	-1.8
1270.6	13	Q8WX93	R.IASDEIQGK.D	IAS[166.9984]DEIQGK	2	-0.73	0.027	-0.002	0	23.06	20	23	1	1383	-1.83
1426.6	7	Q8WXH0	R.QQSVESLAEV.K	QQS[166.9984]VESLAEV	2	-0.544	0.018	-0.002	0	25.92	21	54	9	6885	-1.61
1602.6	6	Q8WXH0	K.EASENETDMEDPR	EAS[166.9984]ENETDMEDPR	2	0.441	0.002	-0.003	0	30.77	16	54	9	6885	-1.81
2618	6	Q8WXH0	K.EASENETDMEDPR	EAS[166.9984]ENETDMEDPREI	3	0.713	0.01	-0.004	1	26.53	19	54	9	6885	-1.64
2933.2	16	Q8WXH0	R.LTSCPTGLEDEKAS	LTS[160.0307]TPGLEDEKAS[	3	0.576	0.014	-0.004	1	26.12	20	48	7	6885	-1.29
2464.1	11	Q8WX19	R.GRLTSPDIHVLSDN	GRLT[181.014]PS[166.9984]PD	3	0.686	0.011	-0.006	1	27.26	20	27	2	593	-2.25
2464.1	11	Q8WX19	R.GRLTSPDIHVLSDN	GRLT[181.014]PSDPIHVL[166.9	3	0.79	0.008	-0.006	1	28.26	20	59	3	593	-2.25
2544	14	Q8WX19	R.GRLTSPDIHVLSDN	GRLT[181.014]PS[166.9984]PD	3	0.523	0.014	-0.007	1	25.59	20	59	3	593	-2.74
2464.1	17	Q8WX19	R.GRLTSPDIHVLSDN	GRLT[181.014]PS[166.9984]PD	3	1.098	0.004	-0.002	1	31.31	20	86	5	593	-0.95
2384.1	18	Q8WX19	R.GRLTSPDIHVLSDN	GRLT[181.014]PSDPIHVLSDNEA	3	0.383	0.022	-0.003	1	24.18	20	95	6	593	-1.4
2171	9	Q8WX19	R.LTSPDIHVLSDNEA	LTPSDPIHVL[166.9984]DNEAS	2	-0.224	0.009	-0.004	0	29.15	21	62	3	593	-1.96
2464.1	17	Q8WX19	R.GRLTSPDIHVLSDN	GRLT[181.014]PSDPIHVL[166.9	3	1.024	0.005	-0.006	1	30.58	20	64	4	593	-2.25
2464.1	25	Q8WX19	R.GRLTSPDIHVLSDN	GRLT[166.9984]DPIHVL[166.9	3	0.603	0.013	-0.006	1	26.43	20	72	4	593	-2.25
1581.6	9	Q8WYH8	K.DKMEGSDFFSSGGI	DKMEGS[166.9984]DFSSGGR	2	0.716	9.50E-04	-0.004	1	35.47	18	35	1	240	-2.2
2294.1	11	Q8WYK2	R.TDSVKTPESEGNPLI	TDS[166.9984]VKTPESEGNPLI	3	0.105	0.041	-0.003	1	21.48	20	21	1	163	-1.44
2294.1	14	Q8WYK2	R.TDSVKTPESEGNPLI	TDSVKT[181.014]VKTPESEGNPLI	2	0.367	0.022	-0.003	1	24.07	20	24	1	163	-1.44
2355.1	20	Q8WYK2	K.LPISDPPDQEIHV	LPISDS[166.9984]PPDQEIHV	3	1.321	0.002	-0.004	0	34.61	21	49	5	2266	-1.55
1350.6	5	Q8WYK5	R.TSFFLNSPEK.E	TSFFLNS[166.9984]PEK	2	-0.229	0.008	-0.002	0	28.02	20	45	6	2266	-1.86
1181.5	6	Q8WYK5	R.GREVSPPDVR.E	GREVS[166.9984]PSPDVR	2	-0.849	0.035	-0.002	1	20.9	19	53	9	2266	-1.81
1725.8	8	Q8WYK5	R.EQSSDLTSPGDVSP	EQSSDLTSP[166.9984]GDVSPV	2	2.315	2.60E-05	-0.004	0	53.51	20	66	7	773	-2.48
2369	10	Q8WYK5	K.DNEEREQSDLTSP	DNEEREQSDLTSPGDVSP[166.99	2	-0.658	0.025	-0.004	1	23.73	20	53	5	773	-1.53
1725.8	7	Q8WYK5	R.EQSSDLTSPGDVSP	EQSSDLTSPGDVSP[166.9984]PV	2	1.564	1.50E-04	-0.004	0	45.95	20	53	5	773	-2.48
2318.9	9	Q8WYK5	K.YGGSDHPSDGETI	YGGSD[166.9984]DHPSDGETS	3	0.029	0.049	-0.003	0	20.62	20	38	7	773	-1.44
2398.9	5	Q8WYK5	K.YGGSDHPSDGETI	Y[243.0297]GGSDHPSDGETI	2	-0.563	0.02	-0.007	0	22.63	18	38	7	773	-2.82
2318.9	21	Q8WYK5	K.YGGSDHPSDGETI	YGGSDHPS[166.9984]DGETS	3	1.041	0.004	-0.004	0	30.76	20	88	7	773	-1.74
2981.3	5	Q8WZ64	K.CSEINHMHNAHLAI	C[160.0307]SEINHMHNAHLAL	3	1.053	0.005	-0.005	0	29.88	19	30	6	1704	-1.84
2258	9	Q8WZ73	R.VPAEDETQSDISE	VPAEDETQSDI[166.9984]EDSI	2	1.458	1.90E-04	-0.004	0	45.94	21	46	2	363	-1.92
2337.9	6	Q8WZ73	R.VPAEDETQSDISE	VPAEDETQSDI[166.9984]JDSI	2	-0.315	0.011	-0.006	0	27.11	20	58	3	363	-2.6
1435.7	8	Q92466	R.SRSPLEPEAK.K	SRS[166.9984]PLEPEAK	2	0.396	0.002	-0.003	1	35.32	21	35	2	427	-2.37
1192.6	6	Q92466	R.SRSPLEPEAK.K	S[166.9984]PLEPEAK	2	0.302	0.002	-0.002	0	33.33	20	44	5	427	-1.57
2082.9	11	Q92499	K.DNTRPGANSPEMV	DNTRPGANS[166.9984]PEMV	3	0.348	0.023	-0.004	1	23.91	20	24	2	740	-1.87
1097.5	7	Q92508	R.TASELLDR.R	TAS[166.9984]ELLDR	2	1.978	1.30E-05	-0.002	0	56.66	20	56	4	2521	-1.46
2936.3	23	Q92508	R.ELDDDERVDASPT	ELDDDERVDAS[166.9984]PTA	3	0.663	0.011	-0.005	1	27.99	21	61	5	2521	-1.83
1798.9	9	Q92508	K.DPGLPEGPDSPGG	DPGLPEGPDSPGG[166.9984]PGGS	2	-0.062	0.006	-0.005	0	30.67	21	75	5	2521	-2.7
1798.8	5	Q92508	K.DPGLPEGPDSPGG	DPGLPEGPDSPGG[166.9984]S	2	-0.342	0.012	-0.005	0	27.97	21	88	5	2521	-2.7
1413.6	9	Q92508	R.SGSEEAIVDTPGER	S[166.9984]EAVDTPGER	2	-0.658	0.022	-0.002	0	23.78	20	47	4	2521	-1.31
2838.2	12	Q92538	R.ADAPDAGAQSDSE	ADAPDAGAQSD[166.9984]DSEI	3	1.41	6.10E-04	-0.007	0	39.08	19	39	3	1859	-2.57
2838.2	9	Q92538	R.ADAPDAGAQSDSE	ADAPDAGAQSD[166.9984]JELI	3	1.163	0.004	-0.007	0	30.96	19	31	3	1859	-2.57
2510	22	Q92552	K.ALTSADGAEQSQS	ALTSADGAEQSQSDNEDNQSGE	3	0.615	0.012	-0.001	0	26.5	20	26	2	414	-0.55
2841.2	24	Q92576	K.RLQEQDENLQD	RLQEQDENLQDNQTSN[16	3	2.479	1.80E-04	-0.005	1	45.19	20	89	3	2039	-1.91
4077.8	23	Q92598	K.NVQQDNSEAGTQF	NVQQDNSEAGTQFQVQVTAQQ	4	0.038	0.004	-0.011	0	30.91	20	42	5	858	-2.77
4077.8	17	Q92598	K.NVQQDNSEAGTQF	NVQQDNSEAGTQFQVQVTAQQ	4	0.038	0.003	-0.01	1	30.28	18	42	5	858	-2.2
4637.1	15	Q92598	K.NVQQDNSEAGTQF	NVQQDNSEAGTQFQVQVTAQQ	4	0.246	0.014	-0.013	1	24	18	72	7	858	-2.77
4077.8	15	Q92598	K.NVQQDNSEAGTQF	NVQQDNSEAGTQFQVQVTAQQ	4	-0.146	0.049	-0.011	0	20.23	20	66	5	858	-2.75
1122.5	4	Q92614	K.SSSPSTYWK.S	SSS[166.9984]PSTYWK	2	-0.344	0.011	-0.002	0	24.92	18	25	1	2054	-2.15
1762.6	10	Q92614	R.YSHSYLSDSTEAK	YSHSY[243.0297]LSDS[166.998	2	-0.516	0.017	-0.005	0	21.23	16	24	2	2054	-2.98
2086.9	9	Q92614	R.SFTSRQPEESGLGI	SFTSRQPEESGLGI[166.9984]FRQ	3	1.174	0.004	-0.004	1	33.07	21	39	5	2054	-1.79
1340.6	9	Q92615	R.SPSPAHLPPDPK.V	SPS[166.9984]PAHLPPDPK	2	-0.65	0.023	-0.003	0	23.79	20	24	8	738	-2.1
1407.6	6	Q92667	K.SIPLECLSPK.G	SIPLECL[160.0307]PLS[166.998	2	-0.613	0.022	-0.002	0	24.18	20	56	7	903	-1.58
1587.7	10	Q92667	R.SSESGILPNTTDMR	S[166.9984]ESSGILPNTTDMR	2	1.806	9.10E-05	-0.003	0	48.37	20	56	7	903	-1.83
1587.7	11	Q92667	R.SSESGILPNTTDMR	SES[166.9984]GILPNTTDMR	2	1.938	6.80E-05	-0.003	0	49.64	20	71	4	903	-1.83
1407.7	5	Q92667	K.SIPLECLSPK.G	SIPLECL[160.0307]PLS[166.998	2	-0.134	0.007	-0.002	0	29.05	20	29	3	903	-1.58
1587.7	9	Q92667	R.SSESGILPNTTDMR	SES[166.9984]GILPNTTDMR	2	-0.488	0.018	-0.003	0	25.34	20	25	2	903	-1.83
3651.8	24	Q92667	K.TVLGPDTAEPATAE	TVLGPDTAEPATAEAAVAPDAG	3	1.3	0.003	-0.004	0	30.4	17	37	2	903	-1.16
1258.5	8	Q92685	R.SGSAQAQGLCK.Q	SGSAQAQGLCK[160.2	2	1.978	4.50E-05	-0.002	0	50.36	19	50	1	438	-1.51
2327.9	17	Q92733	K.IAAPHLKHGSDSEI	IAAPHLKHGSDSEI[166.9984]DS	3	-0.872	0.044	-0.006	1	21.54	20	33	6	491	-2.63
2876.2	17	Q92733	K.QITQEEEDSDEEVA	QITQEEEDS[166.9984]DEEVAP	3	0.77	0.009	-0.003	0	28.03	20	33	6	491	-2.02
2085	12	Q92738	R.IEVLVDTGAGGY.S	IEVLVDTGAGGYSGNSGS[166.9	2	1.598	1.30E-04	-0.004	0	47.34	21	47	4	828	-1.12
2085	13	Q92738	R.IEVLVDTGAGGY.S	IEVLVDTGAGGYSGNSGS[166.998	2	1.93	6.30E-05	-0.004	0	50.61	21	51	7	828	-2.02
1799.7	12	Q92766	K.LAEETEGPSDGEA	LAETEGPSDGEA[166.9984]DGESAA	2	2.863	2.20E-06	-0.006	0	63.87	20	81	4	1687	-3.57
4129.7	28	Q92766	K.FSPFLQTAEDNTQ	FSPFLQTAEDNTQDEVAGPADH	4	-0.092	0.004	-0.005	0	29.4	18	62	2	1687	-1.31
2214	11	Q92766	R.QVAGDAPVEQATA	QVAGDAPVEQATAETAETAS[166.99	3	0.184	0.037	-0.006	0	22.2	20	62	3	1687	-2.6
3509.5	22	Q92769	R.MLPHAPGVQMQA	MLPHAPGVQMQAIPEDAVHDS	4	0.834	0.005	-0.008	0	31.03	21	73	5	488	-2.36
2161.7	8	Q92769	R.IACDEEFSDEDEGI	IAC[160.0307]DEEFS[166.998	2	0.901	7.10E-04	-0.005	0	33.37	14	73	5	488	-2.49
2317.8	8	Q92769	R.IACDEEFSDEDEGI	IAC[160.0307]DEEFS[166.998	2	0.258	0.003	-0.005	0	28.87	16	106	5	488	-2.15
3827.6	33	Q92794	R.WTPVIVNSVNSV	WTPVIVNSVNSV[166.9984]JEEI	3	0.583	0.014	2.00E-04	0	25.19	19	25	2	2004	0.05
1937.9	8	Q92797	K.EERSPQLAPVGED	EERS[166.9984]PQLAPVGEDA	2	-0.954	0.047	-0.005	1	21.79	21	22	4		

1148.5	5	Q960F8	K.ELIPQESPR.V	ELIPQES[166.9984]PR	2	-0.974	0.048	-0.002	0	20.55	20	21	1	476	-1.91
2219.8	10	Q960E2	K.DIKEESDEEEEDDEE	DIKEES[166.9984]DEEEEDDEES	2	1.978	3.10E-05	-0.005	1	49.43	17	98	2	1170	-2.07
4317.3	22	Q960F5	R.SSKHSGGGGGGGGG	SS[166.9984]KHS[166.9984]G	4	0.15	0.023	-0.006	1	16.63	13	17	5	646	-1.38
2792	29	Q960F3	R.DEEERYFDEEPEEDP	DEEERYFDEEPEEDP[166.9984]	3	0.697	0.011	-0.006	1	23.37	16	23	1	343	-2.22
1769.8	13	Q960R6	K.SQDVAVSQQQQ	SQDVAVS[166.9984]PQQQQC	2	0.001	0.005	-0.004	0	30.37	20	30	1	508	-2.15
1695.7	12	Q960F0	K.SDATNYASHSPVNV	SDATNYASHS[166.9984]PPVNR	3	0.012	0.046	-0.003	0	20.55	20	21	1	436	-1.73
2721.2	10	Q960F4	K.PVSPSADSETPLTQ	PSVPSADSETPLTQDRPGS[166.9	3	1.385	0.002	-0.008	1	33.25	19	33	3	1042	-2.98
2721.2	18	Q960F4	K.PVSPSADSETPLTQ	PSVPSADSETPLTQDRPGSPS[166	3	1.544	5.60E-04	-0.008	1	39.36	19	39	4	1042	-2.98
1866.8	9	Q960F9	K.SGLSDLAESLNDNI	SGLSDLAESLNDNETNS	2	1.434	1.70E-04	-0.005	0	45.7	21	46	1	657	-2.47
2892.3	21	Q960F9	K.ELPPSSEIEIKGEDI	ELPPSSEIEIK[181.014]GEDEIEI	3	0.447	0.018	-0.007	1	25.81	21	77	2	657	-2.6
2976.7	7	Q960F1	K.QEPLGSDSEGIVNCL	QEPGSDS[166.9984]EGVNC[1	3	0.912	0.006	-0.01	0	30.47	21	30	1	271	-3.35
2582.1	14	Q960G6	R.QENCGAQVPAQF	QENCL[160.0307]GAQVPAQPC	3	-0.017	0.048	-0.006	0	21.19	21	21	2	650	-2.49
2582.1	28	Q960G6	R.QENCGAQVPAQF	QENCL[160.0307]GAQVPAQPC	3	0.907	0.006	-0.006	0	30.47	21	30	2	650	-2.49
2582.1	13	Q960G6	R.QENCGAQVPAQF	QENCL[160.0307]GAQVPAQPC	3	1.544	8.60E-04	-0.006	0	38.7	21	39	2	650	-2.49
1927.8	10	Q960M8	M.AADSDDGAVSAPV	AADS[166.9984]DDGAVSAPAA	2	2.237	3.00E-05	-0.005	0	53.73	21	54	1	510	-2.69
1914.8	13	Q960N5	K.TNPVEMVVDLSLSE	TNPVEMVVDLSL[166.9984]DL	2	-0.863	0.037	-0.004	0	21.73	20	29	3	454	-2.95
1817.7	15	Q960N5	K.ASLVSEEEEDDEEK	ASLV[166.9984]EEDEEEDK	2	-0.809	0.037	-0.004	0	20.27	18	20	2	454	-2.35
2083.9	12	Q960E7	K.YSEANNUECEQV	YSEANNUEC[160.0307]EQAE	2	-0.668	0.023	0.001	0	23.68	20	24	1	468	0.56
811.42	4	Q960F1	R.ISRSRIR	ISRS[166.9984]IR	2	-0.48	0.016	-0.002	1	26.56	21	27	2	295	-2.03
2025.8	13	Q960R8	K.NDQEPPEALDFSC	NDQEPPEALDF[166.9984]DD	2	1.218	3.20E-04	-0.003	0	42.54	20	49	3	494	-1.52
1231.6	6	Q960F1	R.LEPTAPALS	LEPTAPALS[166.9984]PR	2	-0.812	0.036	-0.002	0	22.21	20	22	3	538	-2.38
1703.8	5	Q960C9	K.DNPSPEPQLDIIKR	DNPS[166.9984]PEPQLDIIKR	2	-0.823	0.038	-0.004	1	22.99	21	23	2	268	-2.28
3106.1	27	Q960H7	R.GNSVELEEMDSQ	GNS[166.9984]VELEEMDSQD	3	1.472	3.20E-04	-0.004	0	39.78	17	40	2	1222	-1.44
1556.6	7	Q960K2	K.VDDLSSPTSPER	VDDLSSPT[181.014]SSPER	2	0.511	0.002	-0.002	0	35.33	20	35	3	942	-0.95
1614.7	5	Q960M3	R.KTSPASLDFPESQK	KTSPASL[166.9984]LDFPESQK	3	0.057	0.044	-0.003	1	21.97	21	150	17	812	-2.09
999.4	6	Q960M3	R.GGSDPLWK	GGSD[166.9984]PLWK	2	-0.335	0.011	-0.002	0	26.01	19	150	17	812	-2.1
2293.9	18	Q960M3	K.GQESSDDQEQVDV	GQESS[166.9984]SDQEQVDVE	3	1.339	0.002	-0.003	0	33.79	20	150	17	812	-1.35
2314.1	17	Q960M3	K.LAPVPSPEPKPAP	LAPVPS[166.9984]PEPKPAPV	2	0.738	0.009	-0.004	1	27.78	20	150	17	812	-1.74
2373.9	9	Q960M3	K.GQESSDDQEQVDV	GQESS[166.9984]SDQEQVDVE	2	-0.938	0.049	-0.007	0	18.98	18	150	17	812	-2.83
1981.8	18	Q960M3	K.DNQESSDAELSSSE	DNQESS[166.9984]DAELSSSEYI	2	1.978	2.00E-05	-0.006	0	54.65	20	150	17	812	-3.06
1614.7	9	Q960M3	R.KTSPASLDFPESQK	KTSPASL[166.9984]LDFPESQK	2	1.745	9.50E-05	-0.003	1	48.81	21	150	17	812	-1.84
1346.6	7	Q960M3	K.TAPTLSPHAW	TAPTL[166.9984]PHAW	2	0.298	0.003	-0.002	0	33.24	20	215	12	812	-1.8
2061.8	12	Q960M3	K.DNQESSDAELSSSE	DNQESS[166.9984]DAELSSSE	2	0.005	0.005	-0.005	0	29.31	19	215	12	812	-2.28
1346.6	6	Q960M3	K.TAPTLSPHAW	TAPTL[181.014]LSPHAW	2	0.398	0.002	-0.002	0	34.31	20	110	14	812	-1.8
2293.9	6	Q960M3	K.GQESSDDQEQVDV	GQESS[166.9984]DQEQVDVE	2	-0.359	0.011	-0.005	0	26.63	20	180	12	812	-2.09
1614.7	16	Q960M3	R.KTSPASLDFPESQK	KT[181.014]LSPHAW	3	1.274	0.003	-0.003	1	34.4	21	121	11	812	-2.09
1486.6	6	Q960M3	K.TSPASLDFPESQK	TS[166.9984]LDFPESQK	2	-0.496	0.018	-0.003	0	25.14	20	150	17	812	-1.9
1448.6	7	Q960M3	R.KPSPSPPEPWK	KPSPS[166.9984]JESPEPWK	2	-0.742	0.029	-0.004	1	23.94	21	150	17	812	-2.56
2373.9	14	Q960M3	K.GQESSDDQEQVDV	GQESS[166.9984]SDQEQVDVE	2	1.982	1.20E-07	-0.007	0	75.04	18	197	11	812	-2.83
2293.9	12	Q960M3	K.GQESSDDQEQVDV	GQESS[166.9984]SDQEQVDVE	3	1.394	0.001	-0.003	0	36.21	20	139	8	812	-1.35
2812.1	20	Q960Q2	K.HEPHQDSGEEAEG	HEPHQDS[166.9984]GEEAEGC	3	1.559	4.80E-04	-0.007	0	39.84	19	40	3	1002	-2.34
1927.7	11	Q960K1	R.LPDSDDDEEETAI	LPDS[166.9984]DDDEEETAIQ	2	1.978	1.10E-09	-0.005	0	94.54	17	95	2	471	-2.46
2271.9	7	Q960K8	K.DFDIAEQNESSDE	DFDIAEQNES[166.9984]S[166.!	2	-0.844	0.034	-0.004	1	19.92	18	99	4	554	-1.97
3113.2	16	Q960K8	R.EAEGVAEEQEEQ	EAEGVAEEQEEQ[166.9984]	2	1.472	8.30E-07	-0.009	1	68.64	20	74	4	554	-2.98
1059.3	3	Q960P4	K.PCTYGLR	PC[160.0307]T[181.014]YGLR	2	-0.569	0.019	0.003	0	24.57	20	25	2	475	2.66
1533.6	14	Q960R1	R.DSDGDVDFEAEIK	DS[166.9984]DGDVDFEAEIK	2	-0.914	0.044	-0.003	1	20.15	19	20	3	1074	-1.81
1558.7	12	Q960L3	R.AASPHQVTPQADE	AAS[166.9984]HQVTPQADEK	2	0.273	0.003	-0.003	0	33.02	20	33	3	2696	-1.68
2341.6	16	Q960L1	R.PKPDGEDTSGEED	PKPDGEDT[166.9984]GEEDAD	3	1.374	0.001	-0.006	1	33.14	17	33	1	3159	-2.62
2421.8	9	Q960L1	R.PKPDGEDTSGEED	PKPDGEDT[181.014]S[166.998	3	1.472	9.50E-04	-0.004	1	31.2	13	31	4	3159	-1.84
2002.8	16	Q960M2	R.EAAENDEEPEGEAT	EAAENDEEPEGEATGEAVR	3	0.452	0.018	-0.007	0	24.92	20	25	1	331	-3.58
1604.7	10	Q960M7	R.PGGSGSQSGPSP	PGGSGSQSGP[166.9984]PQ	2	-0.29	0.011	-0.002	0	28.41	21	28	2	304	-2.25
1583.7	16	Q960M2	R.TSPGGSEAEVLA	TQS[166.9984]GGC[160.0307	2	1.016	5.30E-04	-0.004	0	41.49	21	41	3	286	-2.42
1461.6	7	Q960M2	K.TSGAPGSPQTPPER	TSGAPGS[166.9984]PQTPPER	2	-0.693	0.026	-0.002	0	23.46	20	23	2	286	-1.48
2275.9	9	Q960M1	K.AALLAQYADVTEE	AALLAQYADV[181.014]DEEDE	2	1.978	8.40E-06	-0.005	0	58.53	20	59	2	224	-2.17
1564.7	8	Q960N4	R.SPEAVGPELEAEK	S[166.9984]PEAVGPELEAEK	2	0.945	5.60E-04	-0.003	0	39.81	20	40	1	725	-1.9
1759.8	11	Q960N6	R.AGGGPTLQPPSS	AGGGPTLQ[160.0307]PPSS	2	-0.005	0.005	-0.005	0	30.31	20	30	2	472	-2.72
1759.8	19	Q960N6	R.AGGGPTLQPPSS	AGGGPTLQ[160.0307]PPSS	2	0.286	0.002	-0.005	0	33.15	20	33	1	472	-2.72
2268	10	Q960N7	R.SLSNSNDISGTPS	SLSNSNDISGTPS[166.9984]P	2	2.281	2.60E-05	-0.006	0	54.17	21	54	5	2140	-2.71
2268	7	Q960N7	R.SLSNSNDISGTPS	SLSNSNDISGTPS[181.014]P	2	1.209	3.20E-04	-0.006	0	43.4	21	43	3	2140	-2.71
2268	13	Q960N7	R.SLSNSNDISGTPS	SLSNSNDISGTPS[181.014]P	2	1.955	5.80E-05	-0.006	0	50.77	21	51	4	2140	-2.71
2268	13	Q960N7	R.SLSNSNDISGTPS	SLSNSNDISGTPS[166.9984]P	2	2.863	9.60E-08	-0.006	0	78.57	21	79	7	2140	-2.71
2801.1	6	Q960N3	K.KEENADSDDEEL	KEENADS[166.9984]DDEGELQ	3	0.317	0.022	-0.004	1	22.52	19	23	2	372	-1.61
2723.2	16	Q960P16	K.VDENENCSLGS	VDENENC[160.0307]SLGS[166	3	0.374	0.023	-0.006	0	24.14	20	24	1	312	-2.09
1455.6	4	Q960P2	R.YSSSEVNHLSR	YSSS[166.9984]EVNHLSR	2	-0.837	0.037	-0.003	0	21.94	20	22	6	775	-1.97
3774.4	26	Q960P6	R.GQPNYDVGAGQ	GQPNYDVGAGQPSAAYLSMSQ	3	0.875	0.007	-0.011	0	29.15	20	29	4	609	-2.8
906.46	3	Q960P6	R.TRLSPR	TRLS[166.9984]PR	2	-0.609	0.023	-0.002	1	24.2	20	24	5	669	-2.18
1126.5	5	Q960P6	R.QPTPPFFGR	QPT[181.014]PPFFGR	2	-0.808	0.035	-0.002	0	22.31	20	28	4	669	-1.8
1527.6	8	Q960P4	K.RPISDDDCPSAK	RPIS[166.9984]DDDC[160.030	2	0.765	7.90E-04	-0.003	1	38.01	20	38	1	802	-2.1
1455.6	8	Q960P5	R.TSPQELSEELSR	TS[166.9984]PQELSEELSR	2	-0.467	0.016	-0.004	0	25.66	20	26	1	975	-2.52
3631.5	13	Q960C0	K.LIPLDECSMDT	LIPLDE[160.0307]SMDT	2	1.074	0.004	-0.006	0	31.14	20	37	4	940	-1.69
3631.5	11	Q960C0	K.LIPLDECSMDT	LIPLDE[160.0307]SMDT	2	1.472	0.001	-0.006	0	36.87	20	40	5	940	-1.69
866.44	7	Q960C0	K.VLSPATAK	VLS[166.9984]PTAAK	2	-0.735	0.031	-0.002	0	22.98	20	40	5	940	-1.72
3631.5	27	Q960C0	K.LIPLDECSMDT	LIPLDE[160.0307]SMDT	2	1.517	0.001	-0.006	0	36.96	20	55	5	940	-1.64
1989.8	18	Q960E3	K.AADVPSPFDESSQ	AADVPSPFDESS[166.9984]QDT	2	-0.522	0.018	-0.006	0	24.04	19	31	6	1844	-2.86
3197.3	7	Q960E3	K.SPESVPVDSNKDCT	SPES[166.9984]VPVDS[166.998	3	0.7	0.01	-0.005	1	26.33	19	31	6	1844	-1.72
1931.7	9	Q960R8	R.RGGSGGGGEESE	GGSGGGGEEES[166.9984]EGEE	2	1.591	1.20E-04	-0.004	1	41.27	15	41	1	312	-2.3
1753.7	12	Q960R8	R.RGGSGGGGEESE	GGSGGGGEEES[166.9984]EGEE	2	-0.645	0.023	-0.005	0	18.88	15	29	2	312	-2.67
1753.7	6	Q960R0	K.NSTDLSDAPEDPTS	NSTDLSDAPEDPTS[166.9984]P	2	0.191	0.004	-0.006	0	31.27	19	31	6	1608	-



2555	12	Q96T88	K.ERDSELDSDTDSGCC	ERDSELDST[181.014]D5GC[160	3	1.41	1.40E-05	-0.007	1	54.68	19	55	2	793	-2.95
2555	13	Q96T88	K.ERDSELDSDTDSGCC	ERDS[166.9984]ELSDSDTDSGC[16	3	1.472	3.10E-04	-0.007	1	41.22	19	41	1	793	-2.95
2128	20	Q96TA1	K.AAPEASPPASPLQ	AAPEAS[166.9984]SPPAS[166.:	2	-0.639	0.024	-0.004	0	24.92	21	66	5	746	-1.94
3721	21	Q96TA1	K.QVSVVQDEEVLQ	QVSVVQDEEVLQPFASPS[16	3	1.793	8.70E-04	-0.004	0	38.28	20	78	5	746	-0.94
2128	19	Q96TA1	K.AAPEASPPASPLQ	AAPEAS[166.9984]PPAS[166.:	2	0.97	6.00E-04	-0.004	0	41.03	21	41	3	746	-1.94
3641	15	Q96TA1	K.QVSVVQDEEVLQ	QVSVVQDEEVLQPFASPSPPF	3	1.559	2.60E-04	-0.004	0	42.88	19	75	4	746	-0.95
3721	24	Q96TA1	K.QVSVVQDEEVLQ	QVSVVQDEEVLQPFASPS[16	3	2.76	4.60E-05	-0.004	0	51.02	20	75	4	746	-0.94
2045	11	Q96T7C	R.SQSLPNSLDYQTSI	SQSL[166.9984]PNSLDYQTSI	2	-0.637	0.021	-0.006	0	23.99	20	24	2	470	-2.87
1786	10	Q99081	R.TSSTNEDEDLNPEQ	TSS[166.9984]TNEDEDLNPEQ	2	-0.342	0.013	-0.004	0	25.84	19	26	4	682	-2.21
1786	10	Q99081	R.TSSTNEDEDLNPEQ	T[181.014]SSTNEDEDLNPEQ	2	-0.729	0.03	-0.004	0	22.07	19	22	2	682	-2.21
3034	14	Q99442	K.EELEQQTGDGCEC	ELEEQQT[181.014]DGGC[160.0	3	1.41	2.30E-05	-0.007	0	50.38	16	50	1	399	-2.19
2171	14	Q99459	K.GGLNTPHESDFSG	GGLNTPHES[166.9984]DFSGV	3	0.441	0.02	-0.005	0	25.81	21	26	2	802	-2.33
2171	24	Q99459	K.GGLNTPHESDFSG	GGLNTP[181.014]PHESDFSGVT	3	0.099	0.045	-0.005	0	22.35	21	22	3	802	-2.33
2389	11	Q99549	K.GYTSDDTWEPEIH	GYT[181.014]DDDTWEPEIHLE	2	-0.447	0.014	-0.002	0	23.89	18	109	6	860	-0.89
2238	8	Q99549	R.GAEAFGDSEEDGE	GAEAFGDS[166.9984]EEDGEDV	2	1.978	2.20E-06	-0.006	0	63.32	19	109	6	860	-2.51
2389	11	Q99549	K.GYTSDDTWEPEIH	GYTS[166.9984]DDDTWEPEIHL	3	1.357	0.002	-0.004	0	30.9	17	117	6	860	-1.89
1715	7	Q99549	K.PLDSAMSAEEDTD	PLDSAMS[166.9984]AEEDTDV	2	0.415	0.002	-0.003	0	33.48	19	105	5	860	-1.67
1323	6	Q99567	R.EDVEAESPLR.V	EDVEAES[166.9984]PLR	2	-0.326	0.011	-0.003	0	27.13	20	27	1	741	-2.25
1742	18	Q99575	R.VQAYEESVASSPN	VQAYEESVASS[166.9984]PNG	2	2.552	1.50E-05	-0.004	0	55.88	20	56	2	1024	-2.39
2682	19	Q99590	K.TEELIESPKLESSE	TEELIES[166.9984]PKLESSEGEI	3	2.426	1.80E-04	-0.004	1	44.66	20	166	12	1463	-1.48
1939	11	Q99590	K.VETVSQPSPKDIT	VETVSQPS[166.9984]PKDITD	2	0.673	9.90E-04	-0.005	1	38.09	21	166	12	1463	-2.63
3928	27	Q99590	R.AETASQSQSPISDI	AETASQSQS[166.9984]PISDN	3	1.41	3.80E-06	-0.008	1	60.51	19	166	12	1463	-2.12
2406	10	Q99590	K.SSSNSVDTEAESI	SSNS[166.9984]VDEETAESD	2	2.732	1.20E-06	-0.007	0	67.12	21	166	12	1463	-2.12
3928	20	Q99590	R.AETASQSQSPISDI	AET[181.014]ASQSQSPISDN	3	1.544	3.30E-04	-0.008	1	41.12	19	134	13	1463	-2.12
2406	10	Q99590	K.SSSNSVDTEAESI	SSNSVDTEAES[166.9984]D	2	-0.553	0.019	-0.005	0	24.86	20	205	14	1463	-2.18
2543	18	Q99590	R.VGSSSSECAQDPL	VGSS[166.9984]SSESC[160.03	3	0.365	0.024	-0.005	0	25.05	21	166	12	1463	-1.88
2970	21	Q99590	R.PISDINSNGCDAPG	S[166.9984]PISDINSNGC[160.03	3	1.454	0.002	-0.009	0	35.9	21	194	13	1463	-3.11
3928	22	Q99590	R.AETASQSQSPISDI	AETASQSQS[166.9984]QRSPI	4	0.15	0.019	-0.013	1	23.74	19	123	14	1463	-3.34
3928	38	Q99590	R.AETASQSQSPISDI	AETASQSQSPIS[166.9984]DN	3	1.394	2.40E-06	-0.008	1	62.58	19	205	14	1463	-2.12
2246	14	Q99590	R.FHSPSTTWSPNKD	FHS[166.9984]PSTTWS[166.99	3	0.61	0.014	-0.006	1	25.44	19	209	14	1463	-2.63
1596	7	Q99613	K.QPILLSDEEDTR	KPILLS[166.9984]EDEDTR	2	1.108	4.40E-04	-0.002	0	42.44	21	42	1	913	-1.45
1540	6	Q99613	K.QNPEQSADEAEK	QNPEQS[166.9984]ADEAEK	2	0.37	0.002	-0.00E-04	0	30.96	17	97	5	913	-0.37
1491	10	Q99618	K.QLSEVFETEDSK	QLS[166.9984]EVFETEDSK	2	0.726	9.80E-04	-0.002	0	37.62	20	38	1	268	-1.44
1657	11	Q99700	K.ENIKNETSPFSK	ENIKNETS[166.9984]PFSK	2	0.018	0.005	-0.002	1	31.44	21	31	5	1313	-1.37
3835	11	Q99700	K.DSFENSSNCTSGS	DSFENSSN[160.0307]TSGS	3	0.165	0.035	0.004	1	21.08	19	35	9	1313	1.06
3835	22	Q99700	K.DSFENSSNCTSGS	DSFENSSN[160.0307]TSGS	3	1.668	4.90E-04	0.004	1	39.67	19	44	7	1313	1.06
3016	15	Q99733	R.EFITGDVPTDAESE	EFITGDVPTDAESE[166.9984]E	3	1.214	0.003	-0.005	0	31.54	19	1	1	375	-1.7
3016	18	Q99733	R.EFITGDVPTDAESE	EFITGDVPTDAESE[166.9984]E	3	1.472	9.70E-04	-0.005	0	36.41	19	36	2	375	-1.7
1599	13	Q99798	K.DSSGQHVDSVPTC	DSSGQHVDSVPTC[166.9984]E	2	-0.775	0.028	-0.002	0	23.64	21	24	2	746	-1.42
1465	7	Q99959	R.RLEISPDSPER.A	RLEIS[166.9984]PDSPER	2	-0.757	0.032	-0.005	1	22.76	20	23	4	881	-3.36
2171	14	Q999X3	K.TLHCEGTEINSDDE	TLH[160.0307]EGTEINS[166.9	2	1.097	3.90E-04	0.006	0	41.23	20	69	2	1015	2.61
2158	9	Q990E3	K.DYEEVADSDGEE	DYEEVADSD[166.9984]ADGEE	2	1.978	4.40E-05	-0.005	0	45.88	15	54	3	449	-2.41
2087	17	Q990E3_P683	K.TIGGGDDSFNTFS	TIGGGDDSFNTFS[166.9984]F	2	-0.783	0.034	-0.003	0	22.53	20	54	3	449	-1.53
2828	21	Q990E9	K.VDSTNSSPQQS	VDSTNSSPQQS[166.9984]S	3	2.631	8.50E-05	-0.007	0	48.03	20	48	1	202	-2.5
2908	14	Q990E9	K.VDSTNSSPQQS	VDSTNSSPQQS[166.9984]S	3	1.05	0.005	-0.007	0	28.84	18	56	2	202	-2.44
2908	13	Q990E9	K.VDSTNSSPQQS	VDSTNSSPQQS[166.9984]P	3	1.123	0.004	-0.007	0	29.59	18	30	1	202	-2.44
1337	6	Q990G0	K.EIPSATQSPISK	EIPSATQSPISK[166.9984]PISK	2	0.01	0.006	-0.002	0	31.46	21	69	11	1328	-1.88
1801	8	Q990G0	K.PSQVNGAPGSPTE	PSQVNGAPGS[166.9984]PTEPA	3	0.359	0.023	-0.004	0	24.95	21	64	5	1328	-2.24
1779	17	Q990G0	R.DPAQPMSPGEATQ	DPAQPMSPGEATQ[166.9984]P	2	0.978	6.00E-04	-0.004	0	41.11	21	61	10	1328	-2.33
1417	6	Q990G0	K.EIPSATQSPISK	EIP[166.9984]ATQ[166.9984	2	-0.466	0.016	-0.003	0	25.63	20	98	9	1328	-2.42
2219	10	Q990G0	R.DPAQPMSPGEATQ	DPAQPMSPGEATQ[166.9984]P	2	-0.647	0.026	-0.006	1	23.75	20	86	7	1328	-2.6
1417	6	Q990G0	K.EIPSATQSPISK	EIP[166.9984]AT[181.014]Q	2	-0.507	0.018	-0.003	0	25.29	20	84	6	1328	-2.42
1465	7	Q990G0	K.EIPSATQSPISK	EIP[181.014]QSPISK	2	0.461	0.002	-0.003	1	35.83	21	86	7	1328	-1.96
3435	23	Q990K8	K.EQQGKTEVLSSD	EQGKTEVLSS[166.9984]D	2	0.206	0.018	-0.007	1	21.72	17	22	4	851	-1.53
1431	10	Q998D0	K.YEYDPPDISPRR	YEYDPPDISPRR[166.9984]P	2	-0.482	0.016	-0.002	0	23.51	18	24	4	619	-1.66
1294	5	Q998D0	R.HDTPDPSPPLR	HDT[181.014]PDPSP[166.9984]	2	-0.926	0.04	-0.002	0	20.03	19	21	4	619	-1.9
1590	7	Q998J6	R.ELDEEGSDPPLGR	ELDEEGSDPPLGR[166.9984]P	2	-0.592	0.022	-0.003	0	24.34	20	24	1	194	-2.08
1418	6	Q998Q0	R.GGGTDPANSLAPP	GGGT[181.014]PDANSLAPP	2	-0.831	0.034	-0.003	0	23.02	21	23	2	406	-1.94
2831	11	Q998R8	R.DSDSEEDLVSYGT	DS[166.9984]DSEEDLVSYGTGL	3	0.542	0.016	-0.007	1	25.85	20	26	3	931	-2.55
2831	10	Q998R8	R.DSDSEEDLVSYGT	DS[166.9984]EEDLVSYGTGL	3	0.947	0.006	-0.007	1	29.81	20	30	2	931	-2.55
4979	17	Q998T8_Q8IUI	K.GKFDYLLETTGLA	GKFDYLLETTGLADPGAVASMFV	4	-0.11	0.019	-0.002	1	21.55	17	22	1	366	-0.36
2393	6	Q998Z2	K.SISREPSALPNLD	SIS[166.9984]REPS[166.9984]	3	0.254	0.029	-0.004	0	23.9	21	24	1	755	-1.82
1051	8	Q998E2	R.VTHPDPPTER	VTHPDPPTER	2	-0.65	0.021	-0.00E-04	0	23.86	20	24	1	394	-0.77
1172	5	Q998J8	R.LTSPFENR.F	LTSPFENR[166.9984]PFENR	2	-0.726	0.03	-0.002	0	22.1	19	22	2	1104	-1.98
1045	7	Q998Q5	R.GIITDSFGR.H	GIITDS[166.9984]FGR	2	0.329	0.002	-0.002	0	34.55	21	35	1	444	-1.63
3309	6	Q998T0	K.YPLCSADAAVSTP	YPLC[160.0307]SADAAVSTT[18	3	0.703	0.011	-0.005	0	25.43	18	66	14	2240	-1.63
2816	33	Q998T0	R.QEAIPOLEDSPVSI	QEAIP[166.9984]PVEDS[166.9984]	3	1.686	0.001	-0.007	0	37.26	20	66	14	2240	-2.6
2736	29	Q998T0	R.QEAIPOLEDSPVSI	QEAIP[166.9984]PVEDS[166.9984]	3	1.881	7.20E-04	-0.007	0	39.21	20	66	14	2240	-2.47
4188	9	Q998T0	K.HDSSAPDPAPSDA	HDS[166.9984]APDPAPSDA	4	-0.143	0.049	0.006	0	19.26	19	66	14	2240	1.35
4188	32	Q998T0	K.HDSSAPDPAPSDA	HDS[166.9984]APDPAPSDA	4	0.126	0.026	0.006	0	21.95	19	48	7	2240	1.35
2736	17	Q998T0	R.QEAIPOLEDSPVSI	QEAIP[166.9984]PVEDS[166.9984]	3	1.908	6.80E-04	-0.007	0	39.43	20	91	10	2240	-2.47
4188	14	Q998T0	K.HDSSAPDPAPSDA	HDS[166.9984]APDPAPSDA	4	-0.092	0.03	0.006	0	21.4	19	74	15	2240	1.35
3309	12	Q998T0	K.YPLCSADAAVSTP	YPLC[160.0307]SADAAVSTT[181	3	1.668	5.60E-04	-0.005	0	38.39	18	79	9	2240	-1.63
2022	12	Q998T6	R.DFLSDSEDPSPAS	DFLSDSEDPSPAS[166.9984]P	2	0.019	0.005	-0.003	0	31.55	21	32	1	254	-1.62
1872	19	Q998L3	K.RPPESPPIVEEWS	RPPESPPIVEEWS[166.9984]P	2	1.349	0.002	-0.004	1	34.83	21	35	1	118	-1.85
1847	12	Q998T6	R.VAAAAGSGSPPG	VAAAAGSGSP[166.9984]PGS	3	1.41	6.20E-04	-0.004	0	40.35	21	84	4	479	-2.02
2132	11	Q998T6	R.VAAAAGSGSPPG	VAAAAGSGSP[166.9984]PGS	3	1.472	2.50E-04	-0.006	1	44.16	21	47	4	479	-2.64
1847	7	Q998T6	R.VAAAAGSGSPPG	VAAAAGSGSP[166.9984]P	2	0.49	0.002	-0.004	0	36.19	21	36	2	479	-2.07
1669	21	Q998T1	K.KLNSPEETAF												

1503.7	12	Q9BXF6	K.PLSAAPVVEGSPDRK PLSAAPVVEGS[166.9984]PDRK	3	0.949	0.006	-0.003	1	30.89	21	74	7	653	-2.04
2014.9	12	Q9BXF6	R.SNSSEAVLQGEEL SSNS[166.9984]SSEAVLQGEELSA	2	2.732	7.50E-06	-0.004	0	58.9	20	74	7	653	-1.86
2014.9	14	Q9BXF6	R.SNSSEAVLQGEEL SSNS[166.9984]EAVLQGEELSA	2	2.813	8.40E-06	-0.004	0	58.39	20	58	8	653	-1.86
2014.9	13	Q9BXF6	R.SNSSEAVLQGEEL SS[166.9984]NSSEAVLQGEELSA	2	2.774	8.70E-07	-0.004	0	68.24	20	92	7	653	-1.86
2014.9	12	Q9BXF6	R.SNSSEAVLQGEEL SSNS[166.9984]SEAVLQGEELSA	2	1.83	7.80E-05	-0.004	0	48.69	20	71	6	653	-1.86
1294.5	7	Q9BXF6	R.TYSDEANQMR.V TYS[166.9984]DEANQMR	2	-0.689	0.028	-0.002	0	21.42	18	135	10	653	-1.18
1450.6	9	Q9BXF6	R.TYSDEANQMR.V RYS[166.9984]DEANQMR	2	-0.843	0.035	-0.003	1	20.9	19	92	7	653	-1.88
1959.9	7	Q9BXK5	K.SPATSFLVDEEL SS[166.9984]PATSLFVDEELVI	2	0.48	0.002	-0.002	0	36.16	21	38	3	485	-1.04
1626.7	8	Q9BXK5	R.EESLVEELSPASEK K EESLVEELS[166.9984]PASEK	2	-0.08	0.007	-0.003	0	30.53	21	31	3	485	-1.82
1233.6	7	Q9BXS9	R.PVPDPSVSVTR.L PVPDS[166.9984]PVSVTR	2	-0.538	0.02	-0.002	0	24.98	20	34	3	759	-2.03
1426.6	5	Q9BXS9	R.PVPDPSVSVTR.L PVPDS[166.9984]PVS[166.9984]	2	-0.417	0.014	-0.002	1	27.19	21	34	3	759	-1.61
1233.6	8	Q9BXS9	R.PVPDPSVSVTR.L PVPDPSV[166.9984]VTR	2	-0.238	0.01	-0.002	0	27.88	20	37	2	759	-2.03
986.4	5	Q9BX00	R.EVSMVVEGR.V EVS[166.9984]MVEGR	2	-0.916	0.045	-0.002	0	19.17	18	19	1	1053	-1.48
1944.9	16	Q9BY44	R.SDKSPDLAPTAPQ.SDKS[166.9984]PDLAPTAPQS	3	1.831	8.20E-04	-0.004	1	39.66	21	61	3	585	-1.93
1944.9	10	Q9BY44	R.SDKSPDLAPTAPQ.S[166.9984]DKSPDLAPTAPQS	3	0.966	0.006	-0.004	1	30.99	21	60	5	585	-1.93
2684.1	9	Q9BY67	K.GADDAADADTAII GADDAADADTAIIAEGGQNS	3	0.12	0.041	-8.00E-04	1	21.6	20	22	2	442	-0.28
2556	9	Q9BY67	K.GADDAADADTAII GADDAADADT[181.014]AIINAE	3	1.394	8.00E-04	-0.007	0	37.84	19	38	2	442	-2.9
2369	8	Q9BY89	R.LSSLQTEPTSAGD.LSS[166.9984]LSSQTEPTSAGDC	2	0.961	5.90E-04	-0.005	0	39.92	20	56	5	1806	-1.94
2902.4	11	Q9BY89	R.EDSTLALAVGSEPL EDSTLALAVGSEPLATPAS[166.9984]	3	1.235	0.003	-0.009	0	32.71	20	56	5	1806	-2.99
2923.3	32	Q9BY89	K.DRQLSQEVTPADLE DRQLS[166.9984]QEVTPADLEC	3	1.969	5.50E-04	-0.006	1	41.04	21	69	4	1806	-2
2902.4	13	Q9BY89	R.EDSTLALAVGSEPL EDSTLALAVGSEPLATPAS[166.9984]	3	2.45	1.70E-04	-0.009	0	44.85	20	60	4	1806	-2.99
2164.9	19	Q9BYG3	K.TVDSQGPVCTPT TVDSQGP[181.014]PVC[160.02]	2	-0.293	0.009	-0.009	0	29.38	22	29	1	293	-4.25
1126.5	7	Q9BYG3	K.VSGTLDTPK.T VSGTLD[181.014]PK	2	-0.007	0.006	-0.002	0	30.29	20	30	1	293	-1.83
1912.8	16	Q9BYN0	R.GAPEGPGSGGAQ.GAPEGPGSGGAQGS[166.9984]	2	0.714	0.001	-0.002	0	37.43	20	37	1	137	-0.87
967.45	6	Q9BYW2	R.LNDSPTLK.K LND[166.9984]PTLK	2	-0.721	0.027	-0.002	0	23.15	20	23	4	2564	-2.36
1871.8	12	Q9BYW2	K.MEIGDTLTAEISS MEIGDTLTAEISS[166.9984]PP	2	1.558	1.40E-04	-0.005	0	46.84	21	47	4	2564	-2.56
1718.6	20	Q9BYX2	R.AVSEGCASEDEVEG AVSEGC[160.0307]AS[166.9984]	2	1.81	7.90E-05	-0.004	0	45.39	17	45	3	928	-2.31
1954.7	10	Q9BYX2	R.RAVSEGCASEDEVEG RAVS[166.9984]EGC[160.0307]	2	0.339	0.002	-0.005	1	29.72	16	30	2	928	-2.76
2387.1	21	Q9BZ95	R.NEKPQTQSVSPAT.NEKPQTQSVS[166.9984]PATSC	3	2.452	2.00E-04	-0.005	1	45.88	21	46	2	1437	-2.04
3075.3	19	Q9BZ1F	K.SSESDTDTSERQDD SEESD[166.9984]ERQDD	3	1.264	0.003	-0.014	1	32.98	20	33	2	889	-4.47
1829.8	11	Q9BZ16	R.LGTSESLPCTAEISS LGTSES[166.9984]LPC[160.030]	2	-0.06	0.006	-0.002	0	29.71	20	30	1	878	-0.96
1634.8	8	Q9C0B5	R.GVSGPEPPTAPYL GVGS[166.9984]PEPPTAPYLG	2	0.395	0.002	-0.003	0	35.26	21	57	6	715	-1.91
1656.7	9	Q9C0B5	R.GDSLKPTSAEISS RGS[166.9984]KPTSAEISSR	3	0.637	0.011	-0.004	1	27.71	21	55	5	715	-2.18
2910.2	22	Q9C0C2	R.SFGTRPLSGFSPES SFGTRPLS[166.9984]SFGSPPEA	3	1.922	6.80E-04	-0.007	1	39.62	20	220	21	1729	-2.28
2910.2	14	Q9C0C2	R.SFGTRPLSGFSPES SFGTRPLS[166.9984]SFGSPPEA	3	0.117	0.043	-0.007	1	21.57	20	220	21	1729	-2.28
1317.6	8	Q9C0C2	R.HNGSLSPGLEAR.D HNGSL[166.9984]PGLER	2	-0.609	0.02	-0.003	0	25.27	21	220	21	1729	-2.34
2351	18	Q9C0C2	R.TEAQDLCRASPEPP TEAQDL[160.0307]RAS[166.9984]	3	2.341	2.60E-04	-0.003	1	43.81	20	220	21	1729	-1.2
2997.3	6	Q9C0C2	R.LDSDPPSPITEASEA LDS[166.9984]PPSP[166.9984]	3	0.258	0.027	-0.003	0	23.98	21	220	21	1729	-1.01
2997.3	6	Q9C0C2	R.LDSDPPSPITEASEA LDS[166.9984]PPSPITEAS[166.9984]	3	0.643	0.011	-0.003	0	27.83	21	220	21	1729	-1.01
1589.6	8	Q9C0C2	R.SQEAADVQDWEFR.I S[166.9984]QEAADVQDWEFR	2	2.732	1.60E-06	-7.00E-04	0	65.17	20	220	21	1729	-2.43
1499.6	8	Q9C0C2	R.NRSAAEELAESK.S NRS[166.9984]AAEELAESK	2	0.326	0.002	-0.002	0	34.62	21	220	21	1729	-2.13
1103.6	6	Q9C0C2	R.VSGAGFSPSK.M VSGAGS[166.9984]PSSK	2	-0.422	0.013	-0.002	0	27.14	21	220	21	1729	-2.35
1846.7	6	Q9C0C2	R.VPSSDEEVVEEPOS VPS[166.9984]S[166.9984]DEE	2	1.125	4.00E-04	-0.004	0	39.61	18	220	21	1729	-2.29
1766.9	9	Q9C0C2	R.VPSSDEEVVEEPOS VPS[166.9984]SDEEVVEEQSR	2	-0.964	0.043	-0.005	0	20.72	20	220	21	1729	-2.9
2166	7	Q9C0C2	R.VESQEPPLAGSEPLI VESQEPPLAGSES[166.9984]PLPL	2	1.982	4.90E-06	-0.005	0	61.57	21	201	13	1729	-2.13
1377.6	9	Q9C0C2	R.ASPPEPPGESSR.V AS[166.9984]PEPPGESSR	2	-0.645	0.022	-0.003	0	23.86	20	201	13	1729	-1.88
1067.5	5	Q9C0C2	R.GWSQEGPVK.S GWS[166.9984]QEGPVK	2	-0.877	0.037	-0.002	0	20.54	19	201	13	1729	-2.01
2160.9	7	Q9C0C2	R.ASRVPSDEEVVEE ASRVPS[166.9984]S[166.9984]	2	0.671	0.001	-0.005	1	35.97	19	162	20	1729	-2.54
2303	25	Q9C0C2	K.RDSLGAAYASQDANI RDSL[166.9984]LGAYASQDANEC	3	0.918	0.006	-0.004	1	30.53	21	259	21	1729	-1.97
2917.3	16	Q9C0C2	R.LDSDPPSPITEASEA LDS[166.9984]PPSPITEAS[166.9984]	3	0.063	0.04	-0.003	0	21.98	21	259	21	1729	-1.97
2652.2	18	Q9C0E8	K.IPATEQNTQVIEKA.I PATEQNTQVIEKAS[166.9984]IC	3	0.206	0.029	-0.007	1	23.41	21	23	3	428	-2.58
3334.5	31	Q9GZ7R	R.SPGKAAEASDALPD SPGKAAEASDALPDDT[181.014]	3	1.41	0.002	-0.007	1	35.26	19	84	4	859	-1.96
1643.6	10	Q9GZ7R	K.AQAVSEEEEEEGK.AQAVS[166.9984]EEEEEEGK	2	1.978	7.20E-07	-0.004	0	67.51	19	84	4	859	-2.46
3334.5	8	Q9GZ7R	R.SPGKAAEASDALPD SPGKAAEAS[166.9984]DALPDD	3	1.33	0.003	-0.007	1	32.66	19	110	5	859	-1.96
3334.5	27	Q9GZ7R	R.SPGKAAEASDALPD S[166.9984]PGKAAEASDALPDD	3	1.201	0.004	-0.007	1	31.35	19	80	3	859	-1.96
2965.3	21	Q9GZ7R	K.AEASDALPDVTI AEAS[166.9984]DALPDDVTIES	3	0.044	0.044	-0.005	0	21.84	21	80	4	859	-1.56
1293.6	7	Q9H0D6	R.NPSGQVQASNPR.C NS[166.9984]PSGQVQASNPR	2	1.429	1.70E-04	-4.00E-04	0	45.65	21	88	6	950	-0.31
1848.6	9	Q9H0D6	K.AEDSDSEPEEDNV AEDS[166.9984]DS[166.9984]E	2	0.474	0.002	-0.004	0	30.1	15	88	6	950	-2.07
1976.7	10	Q9H0D6	R.KAEDSDSEPEEDNV KAEDS[166.9984]DS[166.9984]	2	1.847	6.00E-05	-0.005	1	44.83	16	88	6	950	-2.42
2967.2	25	Q9H0D6	R.MQNSDPSPTSPTS.MQNSDPSPTS[166.9984]S[166.9984]	3	1.239	0.003	-0.004	0	33.72	21	76	7	950	-1.21
3278.4	20	Q9H0E9	K.TEASPEMMLSPSHG TEASPE[166.9984]MMLSPSHG	2	0.097	0.037	-0.006	0	21.32	20	21	1	1235	-1.79
3198.4	13	Q9H0E9	K.TEASPEMMLSPSHG T[181.014]EASPEMMLSPSHGSN	3	0.957	0.006	-0.007	0	30	20	30	1	1235	-2.14
3198.4	11	Q9H0E9	K.TEASPEMMLSPSHG TEAS[166.9984]PEMMLSPSHGS	3	1.333	0.002	-0.007	0	33.73	20	34	1	1235	-2.14
1631.6	19	Q9H0G5	K.VEENPDADSDFAI VEENPDAD[166.9984]DFDAK	2	1.978	1.30E-05	-0.006	0	52.76	16	153	4	558	-3.71
3024.1	16	Q9H0G5	K.VEENPDADSDFAI VEENPDAD[166.9984]DFDAK	2	0.294	0.025	-0.009	1	19.34	16	153	4	558	-3.1
2479	9	Q9H0G5	K.PSVFGNDSDDDD P[166.9984]DSDDDT	3	0.888	0.007	-0.001	0	28.28	19	153	4	558	-0.43
2864.1	18	Q9H0G5	K.VEENPDADSDFAI VEENPDADSDFAK[166.9984]	3	0.902	0.006	-0.012	1	28.36	19	152	4	558	-4.3
1549.7	15	Q9H1B7	R.NSSPVPASVPGQ.NSS[166.9984]PVPASVPGQR	2	-0.351	0.013	-0.002	0	26.71	20	42	4	796	-1.56
1576.7	17	Q9H1B7	R.KASPEPDSAEAGL KAS[166.9984]PEPDSAEAGLK	2	0.359	0.002	-0.004	1	34.81	21	42	4	796	-2.28
3252.2	18	Q9H1C4	R.VLEEDNSDESDAEG VLEEDNS[166.9984]DESDAEGE	3	1.243	0.003	-0.006	0	30.83	18	108	6	597	-1.92
4263.7	14	Q9H1C4	R.VLEEDNSDESDAEG VLEEDNS[166.9984]DES[166.9984]	3	0.038	1.40E-04	-0.012	1	43.96	18	108	6	597	-2.91
3332.2	22	Q9H1C4	R.VLEEDNSDESDAEG VLEEDNS[166.9984]DES[166.9984]	3	1.41	1.50E-05	-0.007	0	52.5	17	108	6	597	-2.18
4183.7	15	Q9H1C4	R.VLEEDNSDESDAEG VLEEDNS[166.9984]DESDAEGE	4	0.038	0.004	-0.01	1	29.79	19	108	6	597	-2.51
4183.7	13	Q9H1C4	R.VLEEDNSDESDAEG VLEEDNS[166.9984]DAEGE	4	-0.066	0.043	-0.01	1	20	19	93	3	597	-2.51
4263.7	17	Q9H1C4	R.VLEEDNSDESDAEG V[243.0297]LEEDNSDES[166.9984]	4	0.246	6.70E-04	-0.012	1	37.2	18	83	5	597	-2.91
2004.8	19	Q9H1E3	K.TPSPKEEPEEPSP TSPSPKEEPEES[166.9984]PPE	2	2.052	4.40E-05	-0.004	1	51.88	21	293	13	243	-2.05
3000.2	21	Q9H1E3	K.VVDYQFQESDDAI VVDYQFQES[166.9984]DDADI	3	1.41	3.50E-05	-0.007	1	51.47	19	293	13	243	-2.26
2317.9	9	Q9H1E3	K.VVDYQFQESDDAI VVDYQFQES[166.9984]DDADI	3	1.41	0.001	-0.004	0	34.61	19	293	13	243	-1.76
2508.8	11	Q9H1E3	K.DSGSDEDFLMEDDI DSGSDEDFLMEDDD[166.9984]	2	0.206	0.004	-0.004	0	28.42	16	293	13	243	-1.61
2937.1	12	Q9H1E3	R.EMLMEDVSEEEQ EMLMEDVGS[166.9984]EEQEI											

1743.7	6	Q9H4G0	R.GACSTPDMQFEP' GAC[160.0307]ST[181.014]PJ2	-0.228	0.009	-0.003	0	27.08	19	141	16	881	-1.83	
2475	10	Q9H4G0	R.APESDITGDEDDQD APES[166.9984]DTGDEDDQDEI	0.462	0.002	-0.005	1	34.93	20	131	21	881	-1.91	
3556.5	15	Q9H4G0	K.GAPSDQDESGGIE GAPSDQDESGGIEDSPDRGAC[1	1.599	0.001	-0.01	1	36.35	20	131	21	881	-2.76	
894.47	11	Q9H4G0	R.SLSPIIG.K.D SLS[166.9984]PIIGK	2	0.451	0.002	-0.001	0	25.84	21	130	16	881	-1.55
1512.7	13	Q9H4G0	R.SEAEEGVEVRTPTK.I SEAEVEGVRT[181.014]PTK	2	-0.391	0.014	-0.003	1	37.42	21	130	16	881	-1.74
3556.5	15	Q9H4G0	K.GAPSDQDESGGIE GAPSDQDESGGIEDSPDRGAC[1	1.345	0.002	-0.01	1	33.78	20	122	12	881	-2.76	
1383.8	8	Q9H4G0	R.RLPSPASPSPK.G RLPSPAS[166.9984]PAS[166.9984	2	-0.857	0.039	-0.003	1	20.72	19	144	16	881	-2.09
1321.5	6	Q9H4G0	K.DYSEADGLSER.T DYSEADGLS[166.9984]ER	2	0.284	0.003	-0.002	0	32.13	19	144	16	881	-1.48
1743.7	17	Q9H4G0	R.GACSTPDMQFEP' GAC[160.0307]ST[181.014]PJ2	-0.493	0.017	-0.003	0	24.46	19	149	17	881	-1.83	
1147.5	6	Q9H4G0	R.LPSSPASPSPK.G LPSSPAS[166.9984]PSPK	2	1.385	2.40E-04	-0.002	0	44.16	20	131	21	881	-1.88
1383.6	9	Q9H4G0	R.RLPSPASPSPK.G RLPSPAS[166.9984]PAS[166.99	2	0.713	0.001	-0.003	1	36.35	19	146	16	881	-1.94
2350.9	22	Q9H4L4	K.NHLSPQQGGATPQ.NHLS[166.9984]PQQGGATPQV	3	0.464	0.017	-0.005	0	24.99	20	25	2	574	-2
1397.6	7	Q9H4L5	R.QDSWEVVEGLR.G QDS[166.9984]WEVVEGLR	2	-0.633	0.025	-0.002	0	23.98	20	24	6	887	-1.27
1967.9	9	Q9H4L5	R.LHSSPNLSTLDFGI.LHSS[166.9984]NPNLSTLDFGEE	3	1.251	0.003	-0.002	0	33.86	21	34	7	887	-1.13
3699.7	18	Q9H4L7	K.IEEAPEATPQPSQP.IEEAPEATPQPSQP[166.99:3	3	1.41	0.002	-0.004	0	34.92	20	35	6	1026	-1.13
3699.7	25	Q9H4L7	K.IEEAPEATPQPSQP.IEEAPEATPQPSQP[166.9984]QP	3	0.792	0.008	-0.004	0	28.28	20	34	5	1026	-1.13
3699.7	22	Q9H4L7	K.IEEAPEATPQPSQP.IEEAPEATPQPSQP[166.998	3	0.56	0.014	-0.004	0	25.93	20	31	4	1026	-1.13
2964.3	16	Q9H4L7	R.GIQYDLSDDSEDAV.GIQYDLSDDSD[166.9984]EDVVS	3	0.064	0.047	-0.008	0	20.98	20	56	4	1026	-2.6
2663.1	8	Q9H4L7	K.DTVIIVSEPEDEES.DTVIIVS[166.9984]EPS[166.99	3	0.124	0.043	-0.006	0	21.6	20	54	5	1026	-2.36
3779.6	8	Q9H4L7	K.IEEAPEATPQPSQP.IEEAPEATPQPSQP[166.9984]I	3	0.064	0.044	0.006	0	21.04	20	50	6	1026	1.62
3089.3	11	Q9H501	K.ALAEEASEELPSDV.ALAEEAS[166.9984]EELPSDVS	3	1.664	0.001	-0.006	0	37.04	20	37	5	851	-1.81
3169.3	25	Q9H501	K.ALAEEASEELPSDV.ALAEEAS[166.9984]EELPS[166	3	1.28	0.002	-0.003	0	33.16	20	34	9	851	-1.01
2622.1	8	Q9H510	K.VEAVISDEETDVC.VEAVISDEET[181.014]DVSDEC	3	0.939	0.006	-0.003	0	29.72	20	30	2	574	-1.19
1865.9	18	Q9H694	R.LSDPELATESPLAI.LS[166.9984]DPELATESPLADI	2	0.778	9.70E-04	-0.003	0	39.04	21	39	4	974	-1.69
2320	23	Q9H694	K.VLSANHGDPISQTS.VLSANHGDPISQTS[181.014]G	3	0.199	0.043	-0.006	0	23.39	21	23	4	974	-2.4
897.46	4	Q9H694	K.SNRVT.LK.M SNRVT[181.014]LK	2	-0.157	0.008	4.00E-04	1	28.74	20	73	6	974	0.41
2635.2	11	Q9H6F5	R.ALVEFESNPEETREP.ALVEFESNPEETREPGS[166.9984	3	1.488	0.002	-0.005	0	36.28	21	232	12	360	-1.76
2383.1	16	Q9H6F5	R.LQQGAGLESPOGQ.LQQGAGLESPOGQPEPGAAS[16	2	1.978	3.80E-09	-0.005	0	91.62	20	232	12	360	-2.3
2463.1	24	Q9H6F5	R.LQQGAGLESPOGQ.LQQGAGLES[166.9984]PQGPQ	3	2.145	4.00E-04	-0.006	0	41.85	20	232	12	360	-2.4
1188.6	8	Q9H6F5	R.AGLGSPERPPK.T AGLGSP[166.9984]PERPPK	2	-0.047	0.005	-0.002	1	29.89	20	232	12	360	-1.97
2635.2	12	Q9H6F5	R.ALVEFESNPEETREP.ALVEFESNPEET[181.014]REP	3	1.485	0.002	-0.005	1	36.19	21	238	8	360	-1.76
2681.1	12	Q9H6F5	R.QQDLHLESPOQRI.QQDLHLES[166.9984]PQRIPEY	4	-0.077	0.047	-0.005	1	21.89	21	283	12	360	-1.93
1864.9	20	Q9H6F5	R.LGGLRPESPELTSV.LGGLRPES[166.9984]PELTSVSI	3	2.701	1.30E-05	-0.003	1	56.26	20	283	12	360	-1.85
2518	12	Q9H6H4	R.AGGLDSDTDECE.AGGLDSD[166.9984]DTEDEC[1	2	2.732	5.50E-07	-0.006	0	69.75	20	103	5	257	-2.26
1063.4	5	Q9H6H4	R.SFSMQDLR.S SFS[166.9984]MQDLR	2	-0.018	0.005	-0.002	0	29.18	19	103	5	257	-1.8
2597.9	11	Q9H6H4	R.AGGLDSDTDECE.AGGLDSD[166.9984]DTEDEC[1	2	-0.955	0.047	-0.004	0	18.71	18	112	4	257	-1.43
2597.9	16	Q9H6H4	R.AGGLDSDTDECE.AGGLDSD[166.9984]DT[181.01	2	2.085	3.10E-05	-0.003	0	50.77	18	112	4	257	-1.04
2518	9	Q9H6H4	R.AGGLDSDTDECE.AGGLDSD[181.014]EDEC[16	2	2.863	2.80E-07	-0.006	0	72.72	20	104	3	257	-2.26
2518	10	Q9H6H4	R.AGGLDSDTDECE.AGGLDSD[166.9984]EELPS[166	3	0.92	5.50E-04	-0.006	0	39.59	20	104	3	257	-2.54
1817.7	21	Q9H6S0	R.VDGINPDSSEMI.VDGINPDS[166.9984]DSEMI	2	0.82	8.60E-04	-0.006	0	35.56	17	36	5	1430	-3.4
2013.8	11	Q9H6S0	R.KSSADTFESDCTF.KSS[166.9984]ADTFESDCTF[16	2	1.103	3.90E-04	-0.004	1	40.32	19	73	5	1430	-2.09
1817.7	7	Q9H6S0	R.VDGINPDSSEMI.VDGINPDS[166.9984]EMEL	2	0.556	0.002	-0.006	0	32.87	17	72	3	1430	-3.4
2258.9	9	Q9H6X2	K.EVPPPPAESEEDDI.EVPPPPAES[166.9984]EEDDI	2	-0.954	0.045	-0.006	0	21.77	21	27	5	564	-2.74
2387	9	Q9H6X2	K.EVPPPPAESEEDDI.EVPPPPAES[166.9984]EEDDI	2	-0.354	0.013	-0.005	1	26.75	20	37	6	564	-2.07
2803	22	Q9H6Y2	R.TCEERPAEDGSEDEI.TC[160.0307]EERPAEDGS[166	3	1.41	8.90E-05	-0.007	1	46.31	18	46	1	383	-2.47
1399.6	8	Q9H788	R.TLSSAQEDIIR.W.TLSSAQEDIIR	2	1.797	7.90E-05	-0.002	0	49.33	21	49	3	454	-1.31
1636.7	9	Q9H7F0	K.LVHDSLEDLQMT.R.LVHDS[166.9984]LEDLQMT	2	1.217	2.90E-04	-0.003	0	43.53	21	44	1	1226	-1.67
2207.7	9	Q9H7L9	R.GRESDEDTASEI.GRES[166.9984]DDEI[181.014	2	-0.67	0.027	-0.004	1	18.66	15	32	4	328	-1.89
2443.1	11	Q9H7L9	R.RPASPSPHELPATF.RPASPSP[166.9984]PATF[166.99	3	0.631	0.012	-0.005	1	27.71	21	32	4	328	-2.19
2207.7	9	Q9H7L9	R.GRESDEDTASEI.GRES[166.9984]DDEI[181.014	2	-0.204	0.009	-0.004	1	23.29	15	23	2	328	-1.89
2128	10	Q9H7N4	R.QRSPSPAPAPAPA.QRSPSPAPAPAPA[166.9984]P	2	-0.897	0.043	-0.005	1	22.39	21	147	12	1312	-2.4
4140.8	31	Q9H7N4	K.AAPPPALTPDSQT.AAPPPALTPDSQTVDS[166.99	4	0.038	0.022	-0.009	1	22.46	18	147	12	1312	-2.08
1742.7	9	Q9H7N4	R.EVLVYDSEGLSGER.EVLVYD[166.9984]EGLS[166.99	2	-0.633	0.02	-0.004	0	23.03	19	147	12	1312	-2.03
1417.5	5	Q9H7N4	K.GAETSWSGEER.A.GAETSWS[166.9984]GEER	2	0.151	0.004	-0.003	0	29.87	18	147	12	1312	-1.92
2741.2	19	Q9H7N4	R.FDIYDFPHPTDEAY.FDIYDFPHPTDEAYS[166.9984]F	3	1.544	6.30E-04	-0.004	0	39.77	20	150	10	1312	-1.46
2434.1	16	Q9H7N4	K.EAASSSGTQPAPP.EAASSSGTQPAPPAPAS[166.99	3	2.631	7.80E-05	-0.006	1	49.61	21	112	10	1312	-2.38
2434.1	17	Q9H7N4	K.EAASSSGTQPAPP.EAASSSGTQPAPPAPAS[166.99	3	1.544	7.80E-05	-0.006	1	49.61	21	150	10	1312	-2.38
1742.7	9	Q9H7N4	R.EVLVYDSEGLSGER.EVLVY[243.0297]DSEGLS[166.99	2	-0.932	0.04	-0.004	0	20.21	19	112	10	1312	-2.08
4140.8	21	Q9H7N4	K.AAPPPALTPDSQT.AAPPPALTPDS[166.9984]QT[1	4	0.15	0.009	-0.009	1	26.14	18	119	9	1312	-2.03
2118.9	9	Q9H7N4	K.AAPPPALTPDSQT.AAPPPALTPDSQTV[181.014]P	2	-0.02	0.006	-0.005	0	31.02	21	135	9	1312	-2.52
1863.9	11	Q9H8G2	K.SVNEILGLAESPMNE.SVNEILGLAES[166.9984]PNEP	2	1.529	1.50E-04	-0.004	0	47.65	22	102	2	361	-2.16
2336.8	9	Q9H8G2	K.LEGDNMGDSMDME.LEGDNMGDS[166.9984]DME	2	1.978	1.80E-07	-0.005	0	72.38	18	102	2	361	-2.09
1863.9	12	Q9H8G2	K.SVNEILGLAESPMNE.SVNEILGLAES[166.9984]PNEP	2	1.374	8.0E-06	-0.003	0	61.84	22	152	4	361	-1.73
2394.1	17	Q9H8Y8	R.VGDSTVPSEKPSVA.VGDST[181.014]VSEKPSVA	2	0.636	0.001	-0.006	1	36.69	20	37	1	452	-2.04
3356.5	25	Q9H914	R.GPPEDRAEPQPGQ.GPPEDRAEPQPGS[166.9984]F	3	2.572	1.80E-06	-0.007	1	65.57	21	80	6	1324	-2.6
1828.13	13	Q9H914	R.DSALAEPEGLSPAI.DSALAEPEGLS[166.9984]P	2	0.109	0.004	-0.004	0	32.45	21	80	6	1324	-2.37
2390	20	Q9HAN9	K.LEASDCHDQNSP.LEASD[160.0307]DQNS[16	3	0.458	0.017	-0.01	1	25.92	21	29	1	279	-4
1588.6	11	Q9HAS0	K.ELESSEEGSAAER.I.ELESSEEGSAAER	2	1.978	2.50E-07	-0.003	0	72.25	19	72	1	296	-1.81
1793.8	17	Q9HAV7	K.NSGQNLLEDMGQS.NSGQNLLEDMGQSEK	2	1.488	1.50E-04	-0.006	0	46.24	21	76	1	217	-3.13
2960.3	20	Q9HAW4	K.DLFETGLEDDNNSP.DLFETGLEDDNNS[166.9984]P	3	2.566	1.50E-04	-0.003	0	47.02	21	47	4	1339	-1.14
2373	15	Q9HB58	R.DKEDPQEMPHSP.LDKEDPQEMPHS[166.9984]P	3	0.389	0.023	-0.008	1	25.29	21	25	2	689	-3.26
1690.13	13	Q9HB90_Q9NC	K.MSPNETLFLSTNK.MSPNETLFLS[166.9984]TNK	2	-0.091	0.007	-0.005	0	29.45	20	29	4	889	-3.05
1690.12	12	Q9HB90_Q9NC	K.MSPNETLFLSTNK.MSPNETLFLS[181.014]NK	2	1.405	2.20E-04	-0.005	0	44.44	20	44	4	889	-3.05
2170.15	5	Q9HBL0	K.EFAFEMEGTSPSSI.EFAFEMEGTSPSS[166.9984]P	2	1.677	1.20E-04	-0.005	0	47.13	20	50	4	1735	-2.37
1204.6	6	Q9HBL0	R.QGSPPTALPEK.R QGS[166.9984]PTALPEK	2	-0.687	0.024	-0.002	0	23.52	20	80	3	1735	-1.85
2901.2	16	Q9HBL0	K.EFAFEMEGTSPSSI.EFAFEMEGTSPSS[166.9984]P	2	1.472	2.20E-04	-0.008	1	45.04	21	96	6	1735	-2.83
1987.9	9	Q9HBL0	R.AASDGGQYENQSP.EAAS[166.9984]GGQYENQSPA	2	2.08	2.70E-07	-0.005	0	73.44	20	80	3	1735	-2.31
2977.2	15	Q9HBM0	R.MCYQCESEDEQAI.MCYQCESEDEQAI[160.0307]E	3	0.213	0.032	-0.007	0	20.48	18	20	3	779	-2.99
3539.5	21	Q9HC35	K.APVSTSTVIGQNTF.APVSTSTVIGQNTF[181.014]P	3	1.315	0.003	-0.007	0	32.55	19	33	2	991	-1.95
3658.6	26	Q9HC78	R.DSQAEPTQEQAAI.DSQAEPTQEQAAEAPAGGQ[1	3	1.41	1.40E-05	-0.007	0	54.4	18</				

3571.5	20	Q9NRE2	K.MQSLSEAPNSDSL <sup>2</sup> MQSLSEAPNSDS[166.9984]LAP 3	0.037	0.047	-0.016	1	19.72	19	20	8	1034	-4.58
855.41	6	Q9NRG9	R.FSPVLGR.A FS[166.9984]PVLGR 2	-0.458	0.016	-0.002	0	25.73	20	26	1	546	-2.02
2139.8	8	Q9NRL2	K.ELDDQMVTEDEDD ELDQDMVT[181.014]EDEDDPG 2	0.297	0.002	-0.005	0	30.33	17	67	8	1556	-2.34
3950.7	26	Q9NRM1	K.GNQPYSNTPAGLK GNQPYS[166.9984]NTPAGLQ 4	0.022	0.037	0.012	1	22.01	20	22	2	1142	2.94
1481.6	6	Q9NRX5	R.SDGSLEDGDVHVR SDGS[166.9984]LEDGDVHVR 2	-0.848	0.04	-0.003	0	19.88	18	20	1	453	-2.11
1659.7	6	Q9NRY4	R.TSFVSGDELGPPIF TSFVSG[166.9984]DDELGPPIR 2	0.048	0.005	-0.005-04	0	30.77	20	31	6	1499	-0.47
1536.7	10	Q9NS56	K.LQQQTVPADASPD <sup>2</sup> LQQQTVPADAS[166.9984]PDSK 2	0.544	0.002	-0.002	0	36.8	21	37	3	1045	-1.98
1367.6	8	Q9NS91	K.NLDQTEISPR.Q NLDQTEIS[166.9984]PR 2	1.978	6.00E-06	-0.004	0	60.39	21	60	1	495	-2.59
1964.8	10	Q9NT15	K.EDILENEEQNSPPI EDILENEEQNS[166.9984]PPK 2	1.043	4.80E-04	-0.004	1	40.79	20	217	12	1447	-2.1
2036.8	11	Q9NT15	R.AESPESIAESTQSTI AES[166.9984]PESIAESTQSTI 2	0.68	0.001	-0.005	0	36.16	19	217	12	1447	-2.69
1956.8	17	Q9NT15	R.AESPESIAESTQSTI AES[166.9984]PESIAESTQSTI 3	0.687	0.01	-0.004	0	27.27	20	217	12	1447	-1.92
2942.1	13	Q9NT15	K.GRLDSEMDSHSENI GRLDS[166.9984]SEMDSH[166 3	0.459	0.019	-0.006	1	23.99	19	217	12	1447	-2.07
2942.1	24	Q9NT15	K.GRLDSEMDSHSENI GRLDS[166.9984]SEMDSH[166 3	0.413	0.022	-0.006	1	23.49	19	210	16	1447	-2.07
2862.2	12	Q9NT15	K.GRLDSEMDSHSENI GRLDSSEMDSH[166.9984]ENEC 3	1.668	6.30E-05	-0.007	1	49.86	20	210	16	1447	-2.54
1874.8	12	Q9NT15	R.METVSNASSSSNPS METVSNASSSSNPS[166.9984] 2	2.9	2.40E-06	-0.005	0	64.91	21	180	14	1447	-2.5
1956.8	10	Q9NT15	R.AESPESIAESTQSTI AESPES[166.9984]AIESTQSTI 3	0.553	0.013	-0.004	0	25.89	20	180	14	1447	-1.92
1971.8	17	Q9NTJ3	R.TESPATAAETASEEL TES[166.9984]PATAAETASEELD 3	0.453	0.02	-0.003	0	24.89	20	25	3	1288	-1.55
1971.8	12	Q9NTJ3	R.TESPATAAETASEEL TESPAT[181.014]AAETASEELDN 3	1.597	0.001	-0.003	0	36.3	20	36	4	1288	-1.55
4454.8	21	Q9NU22	K.EADDEGGGEPAD <sup>2</sup> EADDEGGGEPADQGFQOQEEI 4	0.038	0.015	-0.013	1	24.73	19	33	7	5596	-2.84
2236.9	20	Q9NU22	K.AEENTDQASQED <sup>2</sup> AEENTDQAS[166.9984]PQEDV 3	0.241	0.028	-0.004	0	21.81	19	53	7	5596	-1.84
2297.9	14	Q9NU22	K.NGGEDTNEEGEEI NGGED[181.014]DNEEGEENF 2	1.123	4.10E-04	-0.005	0	40.54	19	33	3	5596	-2.38
2883.2	13	Q9NUA8	K.AETEEAAHSVQEN AETEEAAHSVQENSVNS[166.9 3	1.85	7.90E-04	-0.007	0	38.9	20	39	4	1239	0.9
2972.3	25	Q9NUA8	R.NAETPAETPTTAAE <sup>2</sup> NAETPAETPTTAAE[160.0307]S 3	0.081	0.042	-0.005	0	21.16	20	31	8	1239	-1.61
2265	20	Q9NUE0	K.DCEYQJSPGAALP DC[160.0307]EYQJSPGAALP 2	1.976	6.10E-05	-0.008	0	50.02	20	50	1	388	-3.73
1605.7	14	Q9NUL3	K.GSSPTPCSPVQPS GSSPTPC[160.0307]S[166.99 2	-0.917	0.039	-0.004	0	22.19	21	22	3	570	-2.15
1729.7	11	Q9NVM6	R.QAQAESEEEEEER QAQAE[166.9984]EEEEER 2	-0.811	0.036	-0.003	0	21.18	19	21	1	304	-1.5
2139.7	18	Q9NVU0	R.EAANEAGDSQDEE EAANEAGDS[166.9984]S[166.9 2	-0.717	0.03	-0.006	0	18.19	15	18	2	708	-2.6
3780.5	30	Q9NVU0	R.IKEEVPSEEGEED <sup>2</sup> IKEEVPSEEGEEDQ 3	1.544	2.90E-04	-0.007	1	42.17	19	42	3	708	-1.76
3780.5	23	Q9NVU0	R.IKEEVPSEEGEED <sup>2</sup> IKEEVPSEEGEEDQEAEEEPMD 3	1.655	3.30E-04	-0.007	1	41.71	19	61	4	708	-1.76
2214	10	Q9NVU7	K.YEIDSDDEPRGELL <sup>2</sup> YEIDSD[166.9984]DEPRGELLSL 3	0.292	0.028	-0.004	1	23.22	20	23	2	687	-1.59
1679.7	15	Q9NW82	K.TMFAQVSDDEEAI TMFAQV[166.9984]DDEEAK 2	-0.66	0.023	0.003	0	22.76	19	23	2	654	1.61
1861.8	12	Q9NW97	R.ADVESPGNPPDR <sup>2</sup> ADVESPGNPPDRQNS[166.998 2	-0.24	0.01	-0.003	1	27.86	20	36	3	253	-1.39
2554.2	17	Q9NW97	K.NVPPPSIEPLTPPC NVPPPSIEPLT[181.014]PPPQV 3	0.27	0.025	-0.005	0	24.04	21	24	1	253	-1.78
1405.7	7	Q9NWH9	K.SPGHMVILDQTK.G [166.9984]PGHMVILDQTK 2	1.185	3.70E-04	-0.003	0	43.18	21	63	5	1034	-2.29
1338.6	6	Q9NWH9	K.DGQDAIAQSPKE.E DGQDAIAQ[166.9984]PEK 2	2.085	3.70E-05	-0.002	0	52.11	20	83	4	1034	-1.34
2721.1	19	Q9NWS9	K.TEELGSPHSGTVI TEELG[166.9984]PHSGTVES 3	0.888	0.007	-0.006	0	29.28	20	52	3	450	-2.28
2641.1	30	Q9NWS9	K.TEELGSPHSGTVI TEELG[166.9984]PHSGTVES 3	1.499	0.002	-0.006	0	36.32	21	65	4	450	-2.41
2641.1	19	Q9NWS9	K.TEELGSPHSGTVI TEELGPHS[166.9984]GTVES 3	0.976	0.005	-0.006	0	31.12	21	60	2	450	-2.41
2813.3	18	Q9NWS9	M.PSLGPPCLPVM <sup>2</sup> PS[166.9984]PLGPPC[160.0307] 3	0.025	0.045	-0.003	0	21.58	21	65	4	450	-1.21
1179.5	6	Q9NWW5	R.HGVSADAEEAR.T HG[166.9984]VSADAEEAR 2	1.355	2.10E-04	-0.005-04	0	41.91	18	42	1	311	-0.67
2796.3	19	Q9NX14	K.RRPEPTTPWQEDPI RRPEPTTPWQEDPEPENLYEK 3	0.724	0.01	-0.004	1	28.64	21	29	2	153	-1.42
1406.7	11	Q9NX40	K.KLENSPLGEALR.S KLENS[166.9984]PLGEALR 2	2.197	3.60E-05	-0.002	1	52.3	20	52	1	245	-1.78
1655.7	11	Q9NX63	R.YSGAYGASVDEDELI YS[166.9984]GAYGASVDEELK 2	1.978	4.70E-07	-0.003	0	70.23	20	70	2	227	-1.86
2202	10	Q9NX94	R.SSTRPPSADPPDS <sup>2</sup> SSTRPPS[166.9984]IADPPDSL 3	0.17	0.038	-0.004	1	22.04	20	22	1	342	-1.83
1394.6	8	Q9NXC5	R.GFSQYGVSGSPTK. <sup>2</sup> GFSQYGVSGS[166.9984]PTK 2	-0.491	0.018	-0.003	0	24.31	19	24	3	875	3.3
2169.9	9	Q9NXG2	K.DQQPSGSEGEDDD DQQPS[166.9984]GSEGEDDDA 2	1.16	3.60E-04	-0.004	1	40.96	19	74	4	353	-1.99
2249.8	11	Q9NXG2	K.DQQPSGSEGEDDD DQQPS[166.9984]GS[166.998 2	1.978	2.60E-05	-0.005	1	50.75	17	74	4	353	-2.11
2613	15	Q9NXG2	K.FTDKQQPSGSEGI FTDKQQPS[166.9984]GS[166 3	0.507	0.016	-0.006	1	33.4	18	53	4	353	-2.37
2121.8	14	Q9NXG2	K.DQQPSGSEGEDDD DQQPS[166.9984]GS[166.998 2	0.868	6.60E-04	-0.005	0	25.04	16	111	6	353	-2.17
2056.9	17	Q9NY27	K.NHSDSSTSESEVSN <sup>2</sup> NHSDSSTSESEVSVS[166.998 3	0.133	0.04	-0.005	0	22.73	21	71	4	417	-2.65
1541.7	7	Q9NYB0	K.YLLGDAPVSPSQK YLLGDAPV[166.9984]PSSQK 2	1.978	7.50E-06	-0.002	0	59.27	21	59	1	399	-1.62
1879.8	8	Q9NYF8	R.YSPQNSPIHHPISF YS[166.9984]PS[166.9984]QNS 3	0.014	0.049	-0.004	0	20.54	20	305	18	920	0.9
2001.7	11	Q9NYF8	K.FNDSEGDDEETED FND[166.9984]EGDDEETEDY 2	1.978	2.90E-09	-0.005	0	88.21	15	305	18	920	-2.42
1393.6	8	Q9NYF8	K.AEGEPQESPLK.S AEGEPQES[166.9984]PLK 2	1.639	1.30E-04	-0.003	0	45.75	19	305	18	920	0.9
1521.7	16	Q9NYF8	K.AEGEPQESPLK.S KAEGEPQES[166.9984]PLK 2	1.978	3.40E-05	-0.002	1	52.85	21	305	18	920	-1.64
1081.5	7	Q9NYF8	R.IDISPSTLR.K IDIS[166.9984]PSTLR 2	0.515	0.002	-0.002	0	36.51	21	305	18	920	-1.66
2111.8	20	Q9NYF8	R.AEGEWEDQEALDY AEGEWEDQEALDYFS[166.998 2	1.755	9.00E-05	-0.004	0	47.91	20	305	18	920	-1.95
1411.6	6	Q9NYF8	K.DLFYDPPPLHK.N DLFYD[166.9984]PPLHK 2	0.804	7.80E-04	-0.002	0	38.4	20	305	18	920	-1.45
2001.7	11	Q9NYF8	K.FNDSEGDDEETED FNDSEGD[181.014]EETEDYR 2	1.978	5.90E-07	-0.005	0	64.82	15	305	18	920	-2.72
1989.8	16	Q9NYF8	K.DTFEHPDSEIDEP <sup>2</sup> DTFEHPDSEI[166.9984]DEFNK 3	0.275	0.025	-0.004	0	23.11	20	329	21	920	-2.89
2081.7	12	Q9NYF8	K.FNDSEGDDEETED FND[166.9984]EGDDEETEDY 2	1.982	2.10E-05	-0.006	0	47.37	13	329	21	920	-1.67
2257.8	8	Q9NYF8	K.QKFNDSEGDDEETED QKFND[166.9984]EGDDEETED 2	1.703	1.10E-04	-0.005	1	45.34	18	329	21	920	-2.25
2160.9	13	Q9NYF8	K.SSATSGDIWPLGSA SATSGDIWPLGSAYDNS[166.95 2	0.529	0.002	-0.004	0	35.5	20	319	18	920	-1.74
2324.9	25	Q9NYF8	K.GRAEGEWEDQEAL GRAEGEWEDQEALDYFS[166.99 3	0.891	0.006	-0.004	1	30.24	21	319	18	920	-1.59
2513	13	Q9NYF8	R.AEGEWEDQEALDY AEGEWEDQEALDYFS[166.998 3	0.419	0.018	-0.004	1	24.54	20	259	19	920	-1.42
2160.9	7	Q9NYF8	K.SSATSGDIWPLGSA SATSGDIWPLGS[166.9984]AY 2	-0.102	0.007	-0.004	0	29.37	20	369	19	920	-1.74
1879.8	5	Q9NYF8	R.YSPQNSPIHHPISF Y[243.0297]SPQNS[166.998 2	-0.669	0.026	-0.005	0	23.53	20	334	20	920	-2.81
1301.6	13	Q9NYF8	K.STFREESPLR.I STFREES[166.9984]PLR 3	0.282	0.03	-0.003	1	22.16	19	334	20	920	-2.41
1248.7	7	Q9NYL2	R.SSSPTQYGLTK.N SSS[166.9984]PTQYGLTK 2	-0.405	0.014	-0.003	0	27.26	21	27	4	800	-2.22
2012.9	20	Q9NYL9	K.DLDEDELLGNLSETE DLDEDELLGNLS[166.9984]ETEL 2	2.266	2.70E-05	-0.004	0	54.02	21	54	1	352	-2.04
2012.9	10	Q9NYL9	K.DLDEDELLGNLSETE DLDEDELLGNLSETE[181.014]ELK 2	2.675	1.10E-05	-0.004	0	58.06	21	58	1	352	-2.04
1464.7	8	Q9NYM9	R.AQSPGAVEEILDR.E AQ[166.9984]GAVEEILDR 2	-0.365	0.012	-0.002	0	27.68	21	28	1	111	-1.36
2224.9	12	Q9NYV4	K.QDQSPGASVGGD QDQSPGASVGGDYDLS[166.99 2	1.736	8.90E-05	-0.005	0	46.72	19	47	4	1490	-2.31
1327.6	5	Q9NYV4	K.NSSPAPPQAPGK.N N[166.9984]PAPPQAPGK 2	-0.502	0.015	-0.002	0	27.37	22	76	9	1490	0.9
1500.9	7	Q9NZ18	R.DQTPDENQVIVK.D QTPDENQVIVK 2	0.187	0.004	-0.003	0	33.18	21	33	1	577	-1.97
1133.9	9	Q9NZ18	R.QGSPVAAGAPAK.C [166.9984]PVAAGAPAK 2	1.682	1.00E-04	-0.001	0	48.15	21	48	1	577	-0.92
1364.7	9	Q9NZM1	K.GPVGTVSEALQAR.L GPVGTYS[166.9984]EAQLAR 2	2.278	2.70E-05	-0.002	0	53.14	20	53	7	2061	-1.73
1330.6	13	Q9NZM1	R.DYSLDEFEANK.I DYSLDEFEANK 2	-0.339	0.011	-0.002	0	25.94	19	66	6	2061	1.6
2575	16	Q9NZN4	R.GPDEAMEDGEGGS GPDEAMEDGEGGS[166.9984]D 2	1.853	8.00E-05	-0.004	0	45.89	17	53	2	543	-1.5
1474.6	8	Q9NZN8	R.TNSMSSGLSPNF TNSMSSGLS[166.9984]PNR 2	0.011	0.006	-0.003	0	29.4	19	29	1	540	-1.95
1900.9	9	Q9NZU0	R.ETSFQMLPISNEPIS ETS[166.9984]FQMLPISNEPISK 2	0.236	0.003	-0.003	0	32.62	20	67	3	649	-1.67
1039.5	6	Q9NZU0_Q9N2	K.DNSILEIR.G DNS[166.9984]LEIR 2	1.775	8.80E-05	-0.002	0	49.06	21	74	7	1649	

2446.1	7	Q9P2K5	K.AEVPGATGGDPSPHI AEVPGATGGD[166.9984]PHLC 2	1.362	2.20E-04	-0.004	0	44.98	21	63	3	600	-1.58
1555.6	5	Q9P2R3	R.SDSWSLANLSSTK.E SDS[166.9984]WLSLANLS[166. 2	-0.861	0.041	0.004	0	20.7	19	21	3	1169	2.78
1575.7	10	Q9P2R6	K.VASDTEEADRTSSK.VAS[166.9984]DTEADRTSSK 2	-0.346	0.011	-0.001	1	26.83	20	27	2	1566	-0.75
3315.5	7	Q9P2Y4	R.VPSGETPPSPSQEG VPSGETPPS[166.9984]PSQEGE1 3	1.379	0.002	-0.009	1	34.19	20	52	6	722	-2.69
3395.4	15	Q9P2Y4	R.VPSGETPPSPSQEG VPS[166.9984]GETPPS[166.998 3	1.41	0.001	-0.01	1	36.89	20	52	6	722	-2.98
3395.4	16	Q9P2Y4	R.VPSGETPPSPSQEG VPSGET[181.014]PPS[166.998 3	2.831	4.20E-05	-0.01	1	50.96	20	61	5	722	-2.98
2452	25	Q9TNN7_P042	K.GGSCQAASSNSAC GGS[166.9984]C[160.0307]S[166.9984]Q. 3	1.766	8.90E-04	-0.005	0	38.01	20	48			-2.04
2452	12	Q9TNN7_P042	K.GGSCQAASSNSAC GGS[166.9984]C[160.0307]S[166.9984]Q. 3	1.519	0.002	-0.005	0	35.62	20	101			-2.04
1908.6	19	Q9UB85	R.AADTEEMDIEMDS AADTEEMDIEMDS[166.9984]G 2	0.592	0.001	-0.004	0	33.28	17	33	2	411	-2.22
3953.7	33	Q9UB85	R.CCPEQEEGESAAGC [160.0307]C[160.0307]PEQEE 3	0.739	0.01	-0.005	0	27.72	20	57	2	411	-1.36
3953.7	40	Q9UB85	R.CCPEQEEGESAAGC [160.0307]C[160.0307]PEQEE 3	1.374	1.80E-04	-0.005	0	45	20	64	3	411	-1.36
2783.1	28	Q9UB89	R.TTQSMQDFPVVDS TTQSMQDFPVVDS[166.9984]E1 3	0.138	0.038	-0.006	0	21.78	20	22	1	837	-2.13
1414.6	9	Q9UBH6	K.VLIEDTDEAENT.V LIEDT[181.014]DDEAENT 2	-0.155	0.007	-0.003	0	27.76	19	34	4	696	-1.85
1060.6	6	Q9UBH6	K.YNQSISLR.R YNQS[166.9984]ISLR 2	-0.555	0.017	-0.003	0	25.76	21	34	4	696	-2.8
1056.4	7	Q9UBM7	K.SLDGVTNDR.T S[166.9984]LDGVTNDR 2	0.004	0.005	-0.002	0	27.35	17	27	1	475	-2.13
3996.6	12	Q9UBW7	R.MNVAGDVFQNGE.MNVAGDVFQNGES[166.9984]Z 3	1.054	0.005	-0.001	1	28.9	18	29	1	1377	-0.29
1815.8	20	Q9UER7	K.DGDKSPMSSLQSN DGDGS[166.9984]PMSSLQJ5NE 2	0.31	0.002	-0.004	1	34.46	21	48	2	740	-2.21
2066.7	14	Q9UEW8	K.TEDGDWEWSDDEI TEDGDWEWSD[166.9984]DDEM 2	0.94	6.80E-04	-0.005	0	32.62	13	33	2	545	-2.22
1850.9	12	Q9UEY8	K.IEVLSPGSPSPSK.P IEVLSPGSPSPSK[166.9984]PS 3	0.208	0.003	-0.005	1	34.3	22	34	2	706	-2.64
1490.7	6	Q9UFC0	K.RPDDVPLSLPSK.R RPDDVPLSL[166.9984]PSK 2	1.788	8.90E-05	-0.002	1	48.24	20	48	3	647	-1.7
2673.1	21	Q9UFC0	K.RACASPAQVEGSP RAC[160.0307]AS[166.9984]PS 3	1.205	0.004	-0.008	1	33.28	21	67	2	647	-2.9
2673.1	27	Q9UFC0	K.RACASPAQVEGSP RAC[160.0307]ASPS[166.9984] 3	1.487	0.002	-0.008	1	36.21	21	70	4	647	-2.9
2437.1	10	Q9UFC0	R.ACASPAQVEGSPV AC[160.0307]AS[166.9984]PSA 2	2.863	4.90E-07	-0.004	0	71.22	21	130	5	647	-1.44
1856.8	10	Q9UGH3	K.SSLAETLDSTGSLDP SSLAETLDSTGS[166.9984]LDPQ 3	0.64	0.011	-0.002	0	27.8	21	99	7	650	-1.36
1936.8	11	Q9UGH3	K.SSLAETLDSTGSLDP SSLAETLD[166.9984]TGS[166. 3	0.561	0.013	-0.003	0	26.94	21	66	5	650	-1.68
1936.8	8	Q9UGH3	K.SSLAETLDSTGSLDP SSLAETLD[181.014]GS[166.9 3	0.663	0.01	-0.003	0	27.98	21	78	5	650	-1.68
1856.8	12	Q9UGH3	K.SSLAETLDSTGSLDP SSLAETLD[166.9984]TGS[166. 3	2.539	1.50E-05	-0.004	0	56.61	21	88	6	650	-1.9
1856.8	10	Q9UGH3	K.SSLAETLDSTGSLDP SSLAETLD[181.014]LDSTGSLDPQR 3	1.186	0.003	-0.002	0	33.29	21	106	5	650	-1.36
1936.8	9	Q9UGH3	K.SSLAETLDSTGSLDP SSLAETLD[166.9984]T[181.01 2	1.041	4.30E-04	-0.004	0	41.72	21	84	5	650	-2.04
1488.6	11	Q9UGP4	R.SNSGLGGEVSGVM SNS[166.9984]GLGGEVSGVMSI 2	1.843	6.70E-05	-0.002	0	48.74	20	49	5	676	-1.14
1829.11	11	Q9UGU0	R.LNASPAAREEATSP LNAS[166.9984]PAAREATS[16 2	-0.284	0.01	-0.003	1	28.45	21	28	5	1960	-1.63
1570.7	9	Q9UGU5	K.SPPTMLLPASPAC.S [166.9984]PPTMLLPAS[166.5 2	-0.614	0.019	-0.002	0	25.17	21	25	2	601	-1.43
1078.7	16	Q9UHB6	R.ETPHSPGVEDAPIA ETPHS[166.9984]PGVEDAPIA 3	0.153	0.039	-0.004	0	22.93	21	24	3	759	-2.23
1357.4	4	Q9UHB7	K.DLLPSPAGVPVPSK.L DLLPS[166.9984]PAGVPVPSK 2	-0.649	0.025	-0.002	0	23.84	20	24	4	1163	-1.77
1078.4	5	Q9UHB7	R.MFSPMEEK.E MFS[166.9984]PMEEK 2	-0.716	0.029	-0.002	0	20.15	17	20	8	1163	-2.1
1897.11	11	Q9UHD8	R.SFEVEETPNSTPP.S [166.9984]FEVEETPNSTPPR 2	1.985	5.70E-08	-0.005	0	80.47	21	80	1	586	-2.49
2399	11	Q9UHI7	K.DQJAIPEPTPEITEI DQJAIPEPT[181.014]PEPTETAS 2	2.206	3.10E-05	-0.005	0	53.39	21	53	2	598	-2.16
2086.9	13	Q9UHR4	K.TPASTPVSGTQAS.T PASTPVSGT[181.014]TQAS[16 2	1.978	5.40E-06	-0.005	0	61.03	21	81	5	511	-2.25
3348.4	14	Q9UHR4	K.IHMNIEEIKTPASTI IHMNIEEIKTPAS[166.9984]T[1 3	1.246	0.003	-0.004	1	32.79	20	75	6	511	-1.06
2086.9	10	Q9UHR4	K.TPASTPVSGTQAS.T PASTPV[166.9984]GTQAS[16 2	0.486	0.002	-0.005	0	36.15	21	67	7	511	-2.25
3348.4	20	Q9UHR4	K.IHMNIEEIKTPASTI IHMNIEEIK[181.014]TPAS[166 3	0.954	0.006	-0.004	1	29.89	20	67	7	511	-1.06
2359.1	11	Q9UHR4	K.LLEENETAVTPTP.L LEENETAVTPTPS[166.9984] 2	-0.816	0.037	-0.005	0	22.13	20	67	7	511	-2.1
1013.4	6	Q9UHR5	R.NMSPDEIK.I NMS[166.9984]PDEIK 2	-0.869	0.038	-0.002	0	18.67	17	19	2	2	-3.8
2153.9	11	Q9UHW9	R.LTISIGSDEDEETET.Y LTISIGS[166.9984]DEDEETETVQ. 2	2.43	1.90E-05	-0.003	0	54.66	20	55	2	1150	-1.41
2233.8	9	Q9UHW9	R.LTISIGSDEDEETET.Y LTISIGS[166.9984]IGS[166.9984]DI 2	1.985	1.50E-05	-0.006	0	54.2	19	96	3	1150	-2.67
1846.8	12	Q9UIF9	R.AGDPGEMPOSPQSGT AGDPGEMPOSPQ[181.014]GLG 2	2.058	4.90E-05	-0.004	0	50.94	20	51	7	1905	-2.17
1846.8	10	Q9UIF9	R.AGDPGEMPOSPQSGT AGDPGEMPO[166.9984]PTGU 2	1.776	9.50E-05	-0.004	0	48.02	20	48	7	1905	-2.17
1176.5	7	Q9UIF9	R.YSEGLSPSK.R YSEGLS[166.9984]PSK 2	-0.193	0.008	-0.002	0	28.29	20	67	5	1905	-1.61
3881.5	22	Q9UIG0	R.SDVQEESEGSDTDC SDVQEE[166.9984]EGS[166.9 3	1.41	5.00E-04	-0.007	1	37.62	17	139	5	1483	-1.92
1868.13	9	Q9UIG0	R.LAEDEGDESEPAVG LAEDEGDS[166.9984]EPAVGGQ 2	2.732	1.20E-06	-0.004	0	66.7	20	139	5	1483	-2.01
1630.6	9	Q9UIG0	K.DHTVSGDEYDPCR.D HTVS[166.9984]GDEYD[160 2	1.978	1.40E-05	-0.003	0	52.51	17	139	5	1483	-2.06
2384	18	Q9UIG0	K.FPDRLAEGDSEPF.PDRLAEGDGS[166.9984]EPE/ 3	1.91	5.80E-04	-0.004	1	40.46	21	138	6	1483	-1.8
3881.5	15	Q9UIG0	R.SDVQEESEGSDTDC SDVQEE[166.9984]EGSDT[181 3	1.655	1.70E-06	-0.007	1	62.31	17	178	6	1483	-1.92
1814.11	11	Q9UI14	R.LPSSSEMGSQDGS.L PS[166.9984]SSEMGSQDGS 2	1.103	3.90E-04	-0.004	0	42.34	21	42	2	662	-2.49
1814.11	11	Q9UI14	R.LPSSSEMGSQDGS.L PS[166.9984]SSEMGSQDGS 2	1.368	2.10E-04	-0.004	0	45.01	21	45	2	662	-2.49
3190.26	20	Q9UIV9	R.TDEVPAGGSRSEAE TDEVPAGGSR[166.9984]EAE 3	0.164	0.033	-0.006	1	23.04	21	23	1	622	-2.01
3017.5	20	Q9UIX5	K.IKEEVSEAEANQC.I KEEVSE[166.9984]EAEANQQA 3	0.328	0.023	-0.008	1	20.68	17	21	1	808	-2.51
3017.5	22	Q9UIX5	K.IKEEVSEAEANQC.I KEEVSE[166.9984]EAEANQQA 3	0.824	0.007	-0.008	1	25.64	17	26	2	808	-2.51
3550.4	34	Q9UIX6	K.TDPASLETGQDSED TDPASLETGQDS[166.9984]EDD 3	1.41	1.10E-04	-0.008	0	47.16	20	47	1	822	-2.29
3550.4	15	Q9UIX6	K.TDPASLETGQDSED TDPASLET[181.014]GQDSEDD 3	1.051	0.005	-0.008	0	30.87	20	55	2	822	-2.29
1594.7	7	Q9UIZ1	K.APVPGTDPDLSGSS.A PVPGT[181.014]PDLSGSSR 2	-0.462	0.014	-0.005	0	26.69	21	27	1	356	-2.99
1394.11	11	Q9UK58	K.AEEKSPISINVK.T AEEKS[166.9984]PISINVK 2	0.828	7.10E-04	-0.003	1	40.64	22	51	7	526	-1.25
937.48	5	Q9UK58	K.SPISINVK.T S[166.9984]PISINVK 2	-0.52	0.018	-0.002	0	25.11	20	62	6	526	-2.82
2751.13	13	Q9UK58	K.GLNPDGTPALSTG.G LNPDGTPALSTGGFS[166.998 3	0.041	0.043	-0.005	1	21.77	21	62	7	526	-1.84
1705.7	16	Q9UK76	R.RNSSEASSGDFLDL.R NS[166.9984]SEASSGDFLDL 3	0.118	0.041	-0.004	1	22.58	21	67	3	526	-2.2
1705.7	15	Q9UK76	R.RNSSEASSGDFLDL.R NS[166.9984]SEASSGDFLDL 3	1.367	0.002	-0.004	1	35.03	21	72	4	154	-2.2
1549.6	8	Q9UK76	R.RNSSEASSGDFLDL.R NS[166.9984]SEASSGDFLDL 3	1.916	5.80E-05	-0.002	0	49.49	20	105	5	154	-1
1593.8	18	Q9UKJ3	R.KPVSVEEVQATPNK.K PS[166.9984]VSEEVQATPNK 2	2.57	1.30E-05	-0.004	1	57.06	21	74	6	1502	-2.24
4676	20	Q9UKJ3	R.GEEQEQSETEGPP.G EEEQEQSETEGPPGSS[166.998 4	0.031	0.037	-0.004	0	20	18	74	6	1502	-0.76
1607.8	17	Q9UKJ3	R.GKPEPPGSGSPAP.G KPEPPGSGS[166.9984]PAPP 3	0.857	0.007	-0.004	1	29.97	21	74	6	1502	-2.7
1607.8	7	Q9UKJ3	R.GKPEPPGSGSPAP.G KPEPPG[166.9984]GSPAPP 2	-0.306	0.011	-0.004	1	28.2	21	83	6	1502	-2.39
2778.1	20	Q9UKJ3	K.ATGPSSQNSNITG.C ATGPSSQNSNITGRGS[166.998 3	0.137	0.038	-0.007	1	20.7	19	83	6	1502	-2.44
3607.4	30	Q9UKM9	R.TRDDGDEEGLLTHS.T RDDGDEEGLLTHS[166.9984]E1 3	1.41	3.60E-04	-0.007	1	41.28	19	90	7	306	-1.99
3687.4	15	Q9UKM9	R.TRDDGDEEGLLTHS.T RDDGDEEGLLTHS[181.014]HSEE 3	1.41	2.30E-04	-0.007	1	42.07	18	90	7	306	-1.76
3350.20	20	Q9UKM9	R.DDGDDEEGLLTHS.DDGDDEEGLLTHS[166.9984]EEL 3	1.849	7.00E-04	-0.009	0	38.85	20	117	8	306	-2.71
3767.4	25	Q9UKM9	R.TRDDGDEEGLLTHS.T RDDGDEEGLLTHS[181.014]HSEE 3	0.767	0.009	-0.009	1	24.03	16	117	8	306	-2.37
3767.4	16	Q9UKM9	R.TRDDGDEEGLLTHS.T RDDGDEEGLLTHS[166.9984]E1 3	0.106	0.043	-0.009	1	17.39	16	119	11	306	-2.37
3607.4	19	Q9UKM9	R.TRDDGDEEGLLTHS.T RDDGDEEGLLTHS[181.014]HSEE 4	0.124	0.031	-0.007	1	21.9	19	119	11	306	-1.99
3687.4	24	Q9UKM9	R.TRDDGDEEGLLTHS.T RDDGDEEGLLTHS[166.9984]E1 3	1.472	6.10E-05	-0.007	1	47.74	18	122	8	306	-1.76
3687.4	11	Q9UKM9	R.TRDDGDEEGLLTHS.T RDDGDEEGLLTHS[181.014]HSEE 3	0.828	0.008	-0.007	1	26.63	18	61	7	306	-1.76
3767.4	15	Q9UKM9	R.TRDDGDEEGLLTHS.T RDDGDEEGLLTHS[181.014]HSEE 3	0.483	0.018	-0.009	1	21.18	16	61	7	306	-2.37
3687.4	28	Q9UKM9	R.TRDDGDEEGLLTHS.T RDDGDEEGLLTHS[166.9984]E1 3										

1693.8	8	Q9UL3	K.TEPSSPLSDPSDIIR. TEPSS[166.9984]PLSDPSDIIR	2	-0.201	0.009	-0.003	0	29.3	21	29	3	1066	-1.61
2787.1	13	Q9ULL5	K.KQETAACVCGTDEE KQETAACV[160.0307]GET[181.1]	3	0.746	0.01	-0.007	1	25.82	18	26	4	1215	-2.48
2787.1	14	Q9ULL5	K.KQETAACVCGTDEE KQET[181.014]AAVC[160.0307]	3	1.472	5.80E-04	-0.007	1	38.16	18	28	5	1215	-2.48
2204	19	Q9ULL5	K.RNLETLPSFSSDEED RNLETLPSFSS[166.9984]DEEDS	2	1.272	0.003	-0.006	1	34.07	21	34	8	1215	-2.83
1221.5	7	Q9UL0	K.DGSGFEGGLTM.K DGSG[166.9984]FEGGLTMK	2	0.187	0.004	-0.002	0	31.23	19	31	1	858	-1.58
1203.5	7	Q9ULU4	K.LNFDMTASPK.I LNFDMTAS[166.9984]PK	2	0.302	0.002	-0.002	0	34.38	21	34	5	1186	-1.52
1434.7	12	Q9ULW0	K.SSDQPLTVPSVPK.F SSDQPLTVPS[166.9984]PK	2	0.153	0.004	-0.003	0	32.89	21	33	1	747	-1.96
3575.4	28	Q9ULW3	K.AATEQPLEGTEQI.AATEQPLEGTEQI[166.9984]EQQEES	3	0.424	0.02	-0.012	0	23.64	19	24	2	272	-3.33
1999.8	19	Q9ULX3	R.KDDSDDDGGGW1I.KDDSDDDGGGW1[166.9984]DDGGGW1P	2	-0.662	0.024	-0.004	1	24.74	21	25	2	412	-2.09
362.4	21	Q9UM01	M.VDSTEYEVASQPE.VDST[181.014]EYEVAS[166.998]	3	1.642	0.001	-0.011	0	37.78	21	73	5	511	-3.38
3282.5	33	Q9UM01	M.VDSTEYEVASQPE.VDSTEYEVASQPEVET[181.014]	3	1.472	3.90E-05	-0.008	0	52.09	21	96	5	511	-2.42
3282.5	20	Q9UM01	M.VDSTEYEVASQPE.VDSTEYEVAS[166.9984]QPEVET	3	1.544	1.00E-04	-0.008	0	47.85	21	48	3	511	-2.42
3282.5	22	Q9UM01	M.VDSTEYEVASQPE.VDST[181.014]EYEVASQPEVET	3	0.53	0.014	-0.009	0	26.65	21	96	5	511	-2.88
362.4	15	Q9UM01	M.VDSTEYEVASQPE.VDST[166.9984]EYEVAS[166.998]	3	1.394	4.10E-04	-0.011	0	41.87	21	91	4	511	-3.38
3493.5	21	Q9UM01	-M.VDSTEYEVASQPE.MVDS[166.9984]TEY[243.0297]	3	1.125	0.004	-0.016	0	31.6	20	96	5	511	-4.65
1624.8	11	Q9UMZ2	R.QLSLEGGSLGVEDLI.QLS[166.9984]LEGGSLGVEDLK	2	-0.102	0.006	-0.002	0	31.2	22	31	3	1314	-1.5
3550.3	20	Q9UN86	R.YEYEVFGDSEPELDI.YEYEVFGDSEPELDI[166.9984]EPELDEE	3	1.668	2.70E-05	-0.009	0	47.98	15	48	1	482	-2.51
1951.9	18	Q9UN86	K.STTPPAEPVSLPQI.S[166.9984]STTPPAEPVSLPQEP	2	-0.643	0.023	-0.004	0	23.9	20	39	2	482	-2.01
1758.7	10	Q9UNE0	K.SENDASSENEQLLSI.SENDASSE[166.9984]ENEQLLSR	2	1.274	2.80E-04	-0.006	0	42.13	19	42	2	448	-3.27
1787.10	10	Q9UNL2	K.QQSEDLLOQDFSR.QQS[166.9984]EDLLOQDFSR	2	0.458	0.002	5.00E-04	0	35.87	21	36	1	185	0.26
1871.7	9	Q9UN51	R.QLSDDEEQEEDG.QLSD[166.9984]DEEQEEDGR	2	1.982	1.10E-06	-0.002	0	66.1	19	66	6	1208	-2.68
959.48	6	Q9UNX3_P612	K.DDEVVV.R.G DDEVVV.R	2	-0.375	0.014	-0.002	0	25.54	19	26			-1.94
2816.1	19	Q9UNX4	K.GSSPGIQDLEAED.GSS[166.9984]PGIQDLEAEDG	3	1.41	0.002	-0.007	0	36.84	21	37	2	943	-2.42
2816.1	17	Q9UNX4	K.GSSPGIQDLEAED.GSS[166.9984]PGIQDLEAEDG	3	1.394	0.001	-0.007	0	38.44	21	38	2	943	-2.41
2085.8	14	Q9UNZ2	R.DLIHQDQDEDEEEE.DLIHQDQDEDEEEGQR	3	0.094	0.043	0.01	0	21.28	20	21	1	370	4.89
2036.8	11	Q9UP55	R.LESLYDEEDESAVG.LESLY[166.9984]DEEDESAVGA	2	1.978	1.80E-05	-0.005	0	54.52	20	55	3	1085	-2.28
2235.9	7	Q9UPP1	K.DAEYIYPSLESDDI.DAEYIYPSLE[166.9984]DDDDF	2	0.005	0.005	-0.004	0	31.41	21	31	2	1060	-2
1997	15	Q9UPQ0	K.PKSPPEATLTFPFLI.PKS[166.9984]PEEATLTFPFLDI	3	0.861	0.007	-0.001	1	29.01	20	39	4	1083	-0.51
1191.6	5	Q9UPQ0	R.QTPSPDVLR.G QTPS[166.9984]PDVLR	2	-0.854	0.04	-0.002	0	20.79	19	30	8	1083	-1.71
1661.9	7	Q9UPQ0	R.ASVLDTMSMAGSGS.ASVLDTMSMAGSGS[166.9984]P	2	-0.805	0.032	-0.004	0	23.24	21	61	5	1083	-2.65
1476.6	9	Q9UPQ0	K.SINHQIESPSER.R.SINHQIES[166.9984]PSER	2	-0.919	0.044	-0.003	0	23.2	22	30	4	1083	-2.05
2194.9	17	Q9UPQ0	R.HSHTPENLSSFLNDF.S[166.9984]HSTPENLSSFLNDFP	3	0.24	0.031	-0.004	0	23.73	21	59	8	1083	-1.75
1514.7	7	Q9UPQ0	R.SRQTPSPDVLR.G SRQT[181.014]P[166.9984]PC	2	-0.767	0.031	-0.003	1	23.55	21	23	6	1083	-2.04
1838.7	17	Q9UPQ0	R.GSSDRGRSDESDEL.GSSDRGRS[166.9984]DSESDEL	3	1.195	0.003	-0.004	1	31.35	19	64	9	1083	-2.01
2009.8	11	Q9UPQ0	K.DDEEPPGWEESPQI.DDEEPPGWEESPQI[166.9984]PQSI	2	1.73	9.90E-05	-0.005	0	47.66	20	48	4	1833	-2.68
2414.1	11	Q9UPR8	K.TGSGSPFAGNSPAR.TGSGSPFAGNS[166.9984]PARE	3	0.484	0.018	-0.005	1	26.17	21	46	6	1303	-1.93
2821.2	28	Q9UPR8	K.PGPAEAPSPATSPSI.PGPAEAPSP[181.014]ASPSGD	3	0.591	0.013	-0.006	0	27.26	21	51	5	1303	-2.11
2901.1	17	Q9UPR8	K.PGPAEAPSPATSPSI.PGPAEAPSP[181.014]AS[166.998]	3	0.273	0.026	-0.005	0	23.08	20	32	5	1303	-1.72
2494	10	Q9UPR8	K.TGSGSPFAGNSPAR.TGSGSPFAGNS[166.9984]P	2	-0.76	0.034	-0.005	1	22.69	20	73	7	1303	-1.88
2821.2	19	Q9UPR8	K.PGPAEAPSPATSPSI.PGPAEAPSP[166.9984]P	3	0.298	0.026	-0.006	0	24.38	21	24	6	1303	-2.11
1385.6	9	Q9UPR8	K.TGSGSPFAGNSPAR.TGSGSPFAGNS[166.9984]PAR	2	-0.72	0.027	-0.003	0	23.19	20	30	7	1303	-2.12
2901.1	23	Q9UPR8	K.PGPAEAPSPATSPSI.PGPAEAPSP[181.014]P	3	0.283	0.025	-0.005	0	23.23	20	22	6	1303	-1.72
2821.2	18	Q9UPR8	K.PGPAEAPSPATSPSI.PGPAEAPSP[166.9984]PTASPSGI	3	1.655	4.00E-05	-0.006	0	52.46	21	73	7	1303	-2.11
2405.1	13	Q9UPR8	R.NSPAFSLDGLDED.NSPAFSL[166.9984]DLGLDEDV	3	1.668	7.50E-04	-0.004	0	40.25	21	40	6	1470	-1.44
1573.8	7	Q9UPY5	R.LPSLGNKEPPGQEK.LPS[166.9984]LGNKEPPGQEK	3	0.225	0.033	-0.004	1	23.65	21	43	3	501	-2.31
808.4	6	Q9UPY5	R.LPSLGNK.E LPS[166.9984]LGNK	2	0.717	0.001	-0.002	0	36.53	19	43	3	501	-2.5
2164	8	Q9UQ35	R.QGSIQSPQANEQSV.QGSIQSPQANEQSV[181.014]P	3	0.098	0.041	-0.004	1	21.38	20	607	78	2752	-2.1
2443.1	13	Q9UQ35	K.EQNSALPTSSQDEE.EQNSALPTSS[166.9984]QDEELI	2	2.337	2.60E-05	-0.004	0	54.73	21	607	78	2752	-1.46
978.47	5	Q9UQ35	R.TSPPLDR.A TS[166.9984]PPLDR	2	-0.676	0.04	-0.002	0	22.6	19	607	78	2752	-1.81
1146.5	7	Q9UQ35	R.GEFSASPMMLK.S GEFSAS[166.9984]PMLK	2	-0.166	0.007	-0.002	0	28.7	20	607	78	2752	-1.8
2212.9	18	Q9UQ35	K.AQTTPPGPSLGSKSI.AQT[181.014]TPPGPSLGSKSI	2	-0.21	0.008	-0.006	1	28.26	20	607	78	2752	-2.54
2715.2	13	Q9UQ35	R.GEGDAPFSEPGTTS.GEGDAPFSEPGTTS[166.9984]P	3	0.871	0.006	-0.006	1	30.11	21	607	78	2752	-2.34
1981.9	18	Q9UQ35	R.SGSSQELDVKPSAS.SGSSQELDVKPSAS[166.9984]P	3	0.673	0.012	-0.004	1	28.13	21	607	78	2752	-2.03
2244	8	Q9UQ35	R.QGSIQSPQANEQSV.QGSI[181.014]QSPQANEQSVT	2	-0.307	0.01	-0.005	1	27.29	20	607	78	2752	-2.34
1475.6	8	Q9UQ35	R.SCFESSPDELK.S SC[160.0307]FESS[166.9984]PI	2	0.401	0.002	-0.002	0	32.37	18	607	78	2752	-1.48
1129.6	6	Q9UQ35	R.RVPSPTPAPK.E RVPS[166.9984]PTPAPK	2	0.655	0.001	-0.002	1	35.91	19	607	78	2752	-1.35
1180.6	6	Q9UQ35	R.PMSPTPLDR.C PMS[166.9984]PTPLDR	2	1.414	2.10E-04	-0.002	0	42.5	18	607	78	2752	-1.77
1826.8	8	Q9UQ35	K.THTTLAGRSPSPA.THTTLAGRS[166.9984]P	2	-0.052	0.005	-0.004	1	30.84	21	607	78	2752	-2.41
1660.7	12	Q9UQ35	K.MALPQEDATASPI.MALPQEDATAS[166.9984]P	2	1.367	2.50E-04	-0.004	0	44.03	20	607	78	2752	-2.12
1306.9	9	Q9UQ35	K.AQTTPPGPSLGSKSI.AQT[181.014]TPPGPSLGSKSI	2	-0.042	0.006	-0.002	0	29.94	20	607	78	2752	-1.89
1475.6	8	Q9UQ35	R.SRSPSPPELNNK.C SRSP[166.9984]P	2	-0.682	0.026	-0.001	1	22.54	19	607	78	2752	-0.73
2007.9	9	Q9UQ35	R.QGSIQSPQANEQSV.QGSI[166.9984]QSPQANEQSVT	2	-0.479	0.014	-0.005	0	26.57	21	607	78	2752	-2.66
3012.4	35	Q9UQ35	R.HGGSPQPLATTLPS.HGGS[166.9984]PQPLATTLPSQ	3	2.572	1.00E-04	-0.008	0	47.88	20	607	78	2752	-2.75
1213.9	9	Q9UQ35	R.SSSPVTLASR.S SSS[166.9984]PVTLASR	2	1.978	2.40E-05	-0.002	0	53.47	20	607	78	2752	-1.4
1776.7	13	Q9UQ35	R.SGGHSSSELSPDAVI.SGGHSS[166.9984]SSELS[166.992]	2	-0.898	0.042	-0.005	0	20.38	19	607	78	2752	-2.74
973.48	6	Q9UQ35	R.VPSPTPAPK.E VPS[166.9984]PTPAPK	2	-0.928	0.041	-0.002	0	23.08	22	607	78	2752	-1.66
1920.9	13	Q9UQ35	K.LPQSSSESSPSPPC.LPQSSSESSPSPPC[166.9984]PQP	2	1.978	2.60E-07	-0.004	0	74.17	21	607	78	2752	-2.3
2061.9	19	Q9UQ35	R.SGSSQELDVKPSAS.SGSS[166.9984]QELDVKPSAS[1]	2	-0.202	0.007	-0.005	1	29.34	21	607	78	2752	-2.5
1350.6	8	Q9UQ35	R.SRTPSPAPSQSR.M SRTPSPAPSQSR	3	0.196	0.032	-0.001	1	23.36	21	607	78	2752	-0.78
2795.1	14	Q9UQ35	R.GEGDAPFSEPGTTS.GEGDAPFSEPGTTS[166.9984]P	3	1.793	8.30E-04	-0.006	1	38.33	20	607	78	2752	-1.99
1981.9	8	Q9UQ35	R.SGSSQELDVKPSAS.SGSS[166.9984]QELDVKPSASP	2	1.661	1.20E-04	-0.005	1	47.97	21	607	78	2752	-2.59
1394.6	8	Q9UQ35	R.QSHSESPQLSK.S QSHSESP[166.9984]LQSK	2	-0.361	0.013	-0.002	0	25.75	19	607	78	2752	-1.39
3092.3	9	Q9UQ35	R.HGGSPQPLATTLPS.HGGS[166.9984]P	2	0.201	0.031	-0.005	0	23.37	21	597	77	2752	-1.55
1475.6	13	Q9UQ35	R.SRSPSPPELNNK.C SRSP[166.9984]P	2	0.186	0.004	-0.001	1	31.17	19	597	77	2752	-0.66
2007.9	9	Q9UQ35	R.QGSIQSPQANEQSV.QGSIQSPQANEQSV[181.014]P	2	1.629	1.10E-04	-0.005	0	47.6	21	597	77	2752	-2.56
2216.8	11	Q9UQ35	R.HASSPESPAPAI.HAS[166.9984]P	2	0.359	0.022	-0.003	1	21.95	18	597	77	2752	-1.43
3092.3	18	Q9UQ35	R.HGGSPQPLATTLPS.HGGS[166.9984]PQPLATTLPSQ	3	1.829	6.90E-04	-0.009	0	39.65	21	597	77	2752	-1.81
1394.6	14	Q9UQ35	R.QSHSESPQLSK.S QSHSE[166.9984]PQLSK	2	0.378	0.002	-0.002	0	33.09	19	597	77	2752	-1.25
1920.9	21	Q9UQ35	K.LPQSSSESSPSPPC.LPQSSSESSPSPPC[181.014]P	2	0.227	0.003	-0.004	0	33.53	21	597	77	2752	-2.3
2061.9	16	Q9UQ35	R.SGSSQELDVKPSAS.SGSS[166.9984]QELDVKPSAS[1]											

995.46	7	Q9UQ35	K.ELNSPLR.E	ELNS[166.9984]PLR	2	-0.609	0.023	-0.002	0	22.3	18	661	83	2752	-2.23
1257.6	10	Q9UQ35	R.SLTRSPAIR.R	SLT[181.014]RS[166.9984]PPA	2	-0.866	0.034	-0.003	1	22.73	21	661	83	2752	-2.46
1350.6	7	Q9UQ35	R.SRTPSPASQSR.M	SRT[181.014]PPSAPSQSR	2	-0.339	0.011	-2.00E-04	1	27	20	661	83	2752	-0.18
1696.7	9	Q9UQ35	R.SGSHSSELSPDAVI	SGSH[166.9984]SSELSPDAVEK	2	1.522	1.50E-04	-0.005	0	46.44	21	643	82	2752	-2.8
1981.9	10	Q9UQ35	R.SGSSQELDVKPSAS	SGS[166.9984]SQELDVKPSASP	3	0.705	0.011	-0.004	1	28.39	21	643	82	2752	-2.03
1981.9	11	Q9UQ35	R.SGSSQELDVKPSAS	SGSSQELDVKPS[166.9984]ASP	3	1.975	5.80E-04	-0.004	1	41.09	21	643	82	2752	-2.03
2517.1	11	Q9UQ35	K.AGMSSNQSISSPVL	AGMSSNQSISS[166.9984]PVL	3	2.169	3.20E-04	-0.004	1	43.05	21	597	77	2752	-1.6
1685.7	19	Q9UQ88,P211	R.DLLSDLDQIDSESR	DLLSDLDQI[166.9984]DSESR	2	1.193	3.20E-04	-0.002	0	43.29	21	47	5		-1.15
2339.1	29	Q9UQ88,P211	R.GTSPRRPEGLGVS	GTS[166.9984]PRRPEGLGVSQ	3	0.151	0.034	-0.005	1	22.85	21	65	1		-1.97
2246.9	18	Q9UQ7E	K.KGDVGEQSQDQEG	KGDVGEQS[166.9984]QDQEGE	3	1.216	0.003	-0.003	1	32.56	20	55	3	1217	-1.28
1242.5	6	Q9UQN3	K.ATISDEEIER.Q	ATIS[166.9984]DEEIER	2	-0.542	0.019	-0.003	0	23.84	19	24	1	213	-2.67
1791.8	9	Q9UQR1	K.GLLTSEEDSGFSTS	GLLTSEEDSGFSTS[166.9984]P	2	0.236	0.003	-0.004	0	33.69	21	34	5	794	-2.25
3580.6	25	Q9Y232	R.TAVDGFQSESPKLV	TAVDGFQSES[166.9984]PEKLV	3	1.41	1.20E-05	-0.012	1	55.95	19	56	1	598	-3.3
3580.6	22	Q9Y232	R.TAVDGFQSESPKLV	TAVDGFQSES[166.9984]ESPEKLV	3	1.544	2.00E-05	-0.012	1	53.64	19	54	2	598	-3.3
4004.7	32	Q9Y261	K.AAAGAQASQAQLK	AAAGAQASQAQLGEAAGPASET	4	0.038	0.002	-0.013	0	35.72	20	36	2	457	-3.13
4004.7	21	Q9Y261	K.AAAGAQASQAQLK	AAAGAQASQAQLGEAAGPASET	4	0.696	0.008	-0.013	0	28.71	20	46	2	457	-3.13
3924.7	26	Q9Y261	K.AAAGAQASQAQLK	AAAGAQASQAQLGEAAGPASET	4	0.191	0.006	-0.011	0	30.76	21	44	3	457	-2.75
4004.7	17	Q9Y261	K.AAAGAQASQAQLK	AAAGAQASQAQLGEAAGPASET	4	0.191	0.003	-0.013	0	33.33	20	44	3	457	-3.13
3924.7	16	Q9Y261	K.AAAGAQASQAQLK	AAAGAQASQAQLGEAAGPASET	4	0.246	0.002	-0.011	0	36.34	21	46	2	457	-2.75
2430.5	15	Q9Y266	K.NGSLDQSPKQDTEF	NGSLD[166.9984]PKQDTEED	3	0.145	0.037	-0.004	1	19.85	18	20	1	331	-1.81
2272.9	5	Q9Y2B1	R.EQSTLESEEWNPWI	EQSTLES[166.9984]EENWNPWE	2	-0.713	0.029	-0.005	0	22.26	19	22	3	443	-2.14
2095.8	8	Q9Y2D5	K.SPGALETSAAGSQ	[166.9984]PGALETSAAGSQ	2	0.38	0.002	-0.005	0	35.11	21	52	6	859	-2.56
1223.6	5	Q9Y2D5	R.QVLQSTQSPR.T	QVLQSTQS[166.9984]PR	2	0.344	0.003	-0.002	0	34.75	21	52	6	859	-1.71
3855.5	22	Q9Y2G4	K.STPSTCESSGTVDQJ	STPST[181.014]C[160.0307]ES	3	0.316	0.028	-0.009	1	21.52	18	22	8	727	-2.24
1781.8	12	Q9Y2H5	R.TKSPDDEVTPSAV	T[181.014]KSPDDEVTPSAVVR	2	2.098	4.50E-05	-0.004	1	51.34	20	51	2	1048	-3.25
1781.8	10	Q9Y2H5	R.TKSPDDEVTPSAV	T[181.014]KSPDDEVTPSAVVI	2	-0.808	0.037	-0.004	1	22.25	20	48	5	1048	-1.25
1552.7	6	Q9Y2H5	K.SPDTDEVTPSAV	SPDT[181.014]DEVTPSAVVR	2	1.298	2.60E-04	-0.003	0	44.31	21	48	5	1048	-2.75
1125.4	4	Q9Y2H6	K.MSSPSSPKQ.C	MSS[166.9984]PPSSPKQ	2	-0.695	0.026	-0.001	0	22.36	19	22	6	914	-0.87
3543.4	9	Q9Y2K6	R.TNSEQVDEDADV.D	TNS[166.9984]EQVDEDADVDT	3	0.736	0.009	-0.009	0	26.69	19	27	4	198	-2.69
2502	8	Q9Y2K6	K.AVPIVADEGESES	AVPIVADEGES[166.9984]ES	1	0.457	0.019	-0.004	1	24.92	20	25	1	914	-1.49
1820.7	5	Q9Y2K7	R.RYEDDGSDEIEGI	RYEDDGS[166.9984]DDEIEG	3	-0.533	0.018	-0.006	1	23.93	19	24	4	1162	-3.23
1728.9	19	Q9Y2Q3	R.NEDITEPQSLAAEA	NEDITEPQSLAAEA	2	2.462	2.00E-05	-0.003	0	54.84	20	55	2	226	-1.56
2141.7	12	Q9Y2U8	R.ENYSDSEEDDDV	ENYSD[166.9984]EEDDDVVA	2	1.978	1.10E-07	-0.005	0	71.73	15	72	1	911	-2.31
861.39	5	Q9Y2V2	R.TFSATV.RA	TFS[166.9984]ATV.R	2	-0.635	0.021	-0.002	0	24.94	21	25	1	147	-2.45
1220.5	8	Q9Y2W1	K.GFSFDTLGDDGK.V	GFS[166.9984]DTGLGDDGK	2	1.497	1.70E-04	-0.002	0	49.33	24	180	12	955	-1.89
1096.5	6	Q9Y2W1	R.ASASVLS.PR.E	ASASVLS[166.9984]PR	1	-0.854	0.036	-0.002	0	22.46	21	180	12	955	-2.68
1115.5	5	Q9Y2W1	R.IDIS.PTRK.H	IDIS[166.9984]PSTRK	2	0.225	0.003	-0.002	0	33.61	21	180	12	955	-1.27
1463.6	15	Q9Y2W1	K.SPSTSTYSSQK.S	[166.9984]PSTSTYSSQK	2	-0.305	0.01	-0.002	0	28.31	21	180	12	955	-1.29
1064.6	6	Q9Y2W1	K.SPLQSV.VR.R	S[166.9984]PLQSVVR	2	0.624	0.001	-0.002	0	36.6	20	180	12	955	-1.87
2230	11	Q9Y2W1	R.MDSFDDELARPSG	MDS[166.9984]FDELARPSGL	3	1.646	0.001	-0.003	1	36.86	20	200	12	955	-1.51
2465.9	12	Q9Y2W1	K.FSGEEGIEDEDESG	FSGEEGIEDEDESGT[181.014]EN	2	1.583	1.40E-04	-0.005	1	45.16	19	186	11	955	-1.93
2465.9	13	Q9Y2W1	K.FSGEEGIEDEDESG	FSGEEGIEDEDES[166.9984]GTE	3	1.159	0.004	-0.008	1	31.92	20	186	11	955	-3.31
1243.6	5	Q9Y2W1	R.IDIS.PTRK.H	IDIS[166.9984]PSTRK	2	-0.806	0.035	-0.002	1	21.2	19	186	11	955	-2.02
3711.4	23	Q9Y2W2	R.MAGQEIEEGREVE	MAGQEIEEGREVEEVEDDEDI	3	1.41	1.50E-04	-0.006	1	44.2	18	44	1	641	-1.53
3871.3	28	Q9Y2W2	R.MAGQEIEEGREVE	MAGQEIEEGREVEEVS[166.9984]	3	1.332	0.002	-0.006	1	28.65	15	36	2	641	-1.56
3791.3	36	Q9Y2W2	R.MAGQEIEEGREVE	MAGQEIEEGREVEEVS[166.9984]	3	1.268	0.003	-0.007	1	30.03	17	34	2	641	-1.85
2284	14	Q9Y2X3	K.EEPLSEEEPTSTAI	EPL[166.9984]EEEP[160.03]	2	2.019	1.60E-05	-0.005	0	51.55	21	232	13	529	-2.4
2742.2	20	Q9Y2X3	K.HIKEEPLSEEEPTST	HIKEEPL[166.9984]EEEP[160.03]	2	2.492	1.60E-04	-0.005	1	46.32	21	232	13	529	-1.91
2363.9	13	Q9Y2X3	K.EEPLSEEEPTSTAI	EPL[166.9984]EEEP[160.03]	2	1.708	1.00E-04	-0.005	0	47.44	20	232	13	529	-2.24
2662.2	14	Q9Y2X3	K.HIKEEPLSEEEPTST	HIKEEPL[166.9984]EEEP[160.03]	2	2.572	2.20E-05	-0.005	1	55.11	21	232	13	529	-2.03
2284	14	Q9Y2X3	K.EEPLSEEEPTSTAI	EPL[166.9984]EEEP[160.0307]TSTAIAS	2	2.647	1.10E-05	-0.005	1	57.78	21	307	13	529	-2.23
2662.2	16	Q9Y2X3	K.HIKEEPLSEEEPTST	HIKEEPL[166.9984]EEEP[160.0307]TSTAIAS	2	1.574	0.001	-0.005	1	37.07	21	216	14	529	-2.03
2492	9	Q9Y2X3	K.EEPLSEEEPTSTAI	EPL[166.9984]EEEP[160.03]	2	-0.649	0.024	-0.003	1	23.8	20	246	11	529	-1.35
2664.6	6	Q9Y320	K.AGDNIPPEQVAST	AGDNIPPEQVASTPTTVS[166.9984]	3	0.586	0.013	-0.006	1	27.26	21	27	2	296	-2.49
1481.6	9	Q9Y388	R.EVQAEQSPSSSPR.F	EVQAEQSPSSS[166.9984]PR	2	1.347	2.0E-04	-0.002	0	44.83	21	52	3	322	-1.19
1823.8	11	Q9Y388	K.ADREVAEQSPSSS	ADREVAEQSPSSS[166.9984]SSP	2	-0.283	0.01	-0.003	1	24.83	21	52	3	322	-1.72
1823.8	10	Q9Y388	K.ADREVAEQSPSSS	ADREVAEQSPSSS[166.9984]P	2	-0.638	0.024	-0.003	1	24.88	21	61	2	322	-1.72
1823.8	8	Q9Y388	K.ADREVAEQSPSSS	ADREVAEQSPSSS[166.9984]SP	2	-0.863	0.039	-0.003	1	22.76	21	41	3	322	-1.72
1823.8	12	Q9Y388	K.ADREVAEQSPSSS	ADREVAEQSPSSS[166.9984]SSP	2	-0.005	0.006	-0.003	1	31.17	21	31	2	322	-1.72
2760.9	8	Q9Y389	K.DHFYSDDDAEADS	DHFY[243.0297]DDDAEADS	3	0.53	0.016	-0.007	0	18.7	13	19	1	282	-2.44
2760.9	18	Q9Y389	K.DHFYSDDDAEADS	DHFYS[166.9984]DDDAEADS	3	0.091	0.044	-0.007	0	14.31	13	14	3	282	-2.44
4282.7	25	Q9Y3E1	K.FTYQAIQQSSSE	FTYQAIQQSSSETEGEGNTAI	4	0.038	0.016	-0.008	1	32.21	18	23	1	203	-1.96
4282.7	35	Q9Y3E1	K.FTYQAIQQSSSE	FTYQAIQQSSSETEGEGNTAI	4	0.206	0.002	-0.008	1	32.64	18	33	1	203	-1.96
3637.5	23	Q9Y3E7	K.VTDALPEPEPPGAA	VTDALPEPEPPGAMAAS[166.9984]	3	1.869	6.50E-04	-0.006	0	39.09	20	39	1	222	-1.69
2364.8	10	Q9Y3T9	K.DFLDLSNSEDDETE	DFLDLNS[166.9984]S[166.9984]	2	0.531	0.002	-0.004	0	30.67	15	749	2	749	-2.49
2284.9	11	Q9Y3T9	K.DFLDLSNSEDDETE	DFLDLNS[166.9984]SEEDTEGI	2	1.978	2.60E-06	-0.003	0	60.59	17	75	2	749	-1.45
2284.9	11	Q9Y3T9	K.DFLDLSNSEDDETE	DFLDLNS[166.9984]EEDTEGI	2	1.655	2.00E-05	-0.003	0	51.8	17	147	3	749	-1.24
2159	11	Q9Y3X0	K.EGAASPAPEPQPT	EGAASPAPEPQPTS[166.9984]	2	0.567	0.001	-0.005	0	37.03	21	37	2	531	-2.45
2159	11	Q9Y3X0	K.EGAASPAPEPQPT	EGAASPAPEPQPT[181.014]PI	2	0.489	0.002	-0.005	0	36.22	21	40	3	531	-2.45
2159	11	Q9Y3X0	K.EGAASPAPEPQPT	EGAASPAPEPQPT[181.014]PET	2	-0.415	0.013	-0.005	0	27.14	21	27	3	531	-2.45
2238.9	10	Q9Y3X0	K.EGAASPAPEPQPT	EGAASPAPEPQPT[181.014]PI	2	-0.656	0.025	-0.005	0	23.83	20	42	2	531	-2.28
2238.9	9	Q9Y3X0	K.EGAASPAPEPQPT	EGAASPAPEPQPTS[166.9984]	2	1.187	3.60E-04	-0.005	0	42.18	20	71	3	531	-2.38
1643.8	11	Q9Y446	R.LSGFDDILDPSAVI	LSS[166.9984]GDFDILDPSAVK	2	2.512	1.40E-05	-0.002	0	57.48	22	57	8	797	-1.28
1751.8	17	Q9Y446	R.AGGDLWPEATEVS	AGGDLWPEATEVS[166.9984]PS	2	-0.567	0.021	-0.004	0	25.59	21	68	6	797	-2.29
3139.3	16	Q9Y487	R.KDSEEEVSLGSDI	KDS[166.9984]EEVSLGSDQIE	3	1.41	7.50E-07	-0.008	1	68.07	19	68	6	856	-2.44
1366.7	17	Q9Y4A5	R.SQSLPGADSLAK.P	SQS[166.9984]LPGADSLAK	2	0.009	0.005	-0.002	0	31.45	21	31	6	3859	-1.65
1962.8	12	Q9Y4B5	K.REGPVGGESDEEN	REGPVGGES[166.9984]DSEEMF	3	1.41	7.80E-04	-0.003	1	37.3	19	56	13	1905	-1.61
2253	10	Q9Y4B5	K.SLYGDVDPPLTGE	SLYGDVDS[166.9984]PLTGEA	2	0.77	8.10E-04	-0.006	0	39.					

2186	22	Q9Y608	R.RGSGDTSSLI DPDT: RGS GDT[S166.9984]SLIDPDTSL 3	1.386	0.002	-0.004	1	36.26	22	80	3	721	-1.76
2186	21	Q9Y608	R.RGSGDTSSLI DPDT: RGS GDT[S181.014]SSLI DPDTSL 3	1.664	0.001	-0.004	1	39	22	63	3	721	-1.76
2186	10	Q9Y608	R.RGSGDTSSLI DPDT: RGS[S166.9984]GDTSSLI DPDTSL 2	0.541	0.002	-0.005	1	36.72	21	63	3	721	-2.45
1529.7	9	Q9Y608	R.NSASATPLSGNSSI NSASATPLSGNSS[S166.9984]R 2	-0.621	0.021	-0.002	0	25.1	21	63	3	721	-1.59
2186	10	Q9Y608	R.RGSGDTSSLI DPDT: RGS GDT[S166.9984]LIDPDTSL 3	1.56	0.001	-0.004	1	37.95	22	38	2	721	-1.76
2983.1	21	Q9Y618	R.GECSPATVNNSS GEC[S160.0307]SGPATVNNSSDT 3	1.41	6.90E-04	-0.008	0	37.18	18	98	10	2525	-2.56
1361.7	9	Q9Y618	R.ANASQPPLDLK.Q ANAS[S166.9984]PKPLDLK 2	-0.976	0.047	-0.004	1	21.6	21	98	10	2525	-2.73
1544.7	7	Q9Y618	K.SPGNSQPPAFFSK S[S166.9984]PGNSQPPAFFSK 2	-0.539	0.016	-0.002	0	25.92	21	104	9	2525	-1.55
2752	20	Q9Y618	K.SSGAPQDSSATC SSGAPQDSSATC[S160.0307]S 3	0.481	0.017	0.001	0	24.17	19	104	9	2525	0.39
2772.2	10	Q9Y618	K.TSVLGGGEGIEPV TSVLGGGEGIEPV[S166.9984]J 3	1.25	0.003	-0.006	0	33.85	21	49	8	2525	-2.11
3240.3	17	Q9Y618	R.SLGYHGSSYPEGVI SLGY[S243.0297]HGSSYPEGVEF 3	0.306	0.028	-0.003	0	22.41	19	49	8	2525	-0.87
3240.3	20	Q9Y618	R.SLGYHGSSYPEGVI SLGY[S166.9984]PEGVEF 3	0.109	0.044	-0.003	0	20.44	19	80	11	2525	-0.87
2563.2	14	Q9Y618	K.LEPVPPSPHHTPI LEPV[S166.9984]PPS[S166.9984] 3	0.132	0.041	-0.004	0	21.72	20	98	10	2525	-1.68
1100.5	8	Q9Y624	K.VIYSQPSAR.S VIYSQPS[S166.9984]AR 2	-0.721	0.025	-0.002	0	23.1	20	26	4	299	-2.07
1857.8	12	Q9Y624	K.VIYSQPSARSEGEFK VIYSQPS[S166.9984]ARS[S166.9984] 3	0.183	0.004	-0.004	1	33.16	21	42	4	299	-1.97
1629.7	10	Q9Y6D5	R.GSSLSGTDGAEV GSS[S166.9984]LSGTDGAEV 2	2.735	6.80E-06	-0.006	0	59.71	21	60	2	1785	-3.66
2347	18	Q9Y6G9	R.DFQYVEVPEGDFPA DFQYVEVPEGDFPAS[S166.9984] 3	0.296	0.027	-0.004	1	23.31	20	23	2	523	-1.9
1324.6	10	Q9Y6M5	K.NMPNKQPESSL- NMPNKQPESS[S166.9984]SL 2	-0.799	0.031	-0.004	1	22.23	20	22	2	507	-2.99
1827.8	7	Q9Y6R1	R.NLTSSSLNDSDKPE NLTSS[S166.9984]LNDSDKPEK 2	1.978	3.40E-05	-0.005	1	53.32	21	138	9	1079	-2.7
2063.6	19	Q9Y6R1	K.GSLDSDNDSDCP GSLD[S166.9984]DNDSD[S166.9984] 2	1.516	1.50E-04	-0.005	0	39.52	14	138	9	1079	-2.31
2691.1	10	Q9Y6R1	R.ISENYSDKSDIENAC ISENY[S166.9984]DKS[S166.9984] 2	-0.341	0.012	4.00E-04	1	26.95	20	138	9	1079	0.14
2691.1	10	Q9Y6R1	R.ISENYSDKSDIENAC ISENY[S243.0297]DKS[S166.9984] 3	1.41	4.50E-04	-0.005	1	41.17	20	138	9	1079	-1.83
2191.7	9	Q9Y6R1	K.KGSLDSDNDSDDCI KGSLD[S166.9984]DNDSD[S166.9984] 2	0.979	5.30E-04	-0.005	1	35.15	15	138	9	1079	-2.29
1907.8	17	Q9Y6R1	R.NLTSSSLNDSDKPE NLT[S181.014]SS[S166.9984]LN 2	-0.215	0.008	-0.005	1	29.21	21	138	9	1079	-2.5
1907.8	18	Q9Y6R1	R.NLTSSSLNDSDKPE NLT[S181.014]SS[S166.9984]SSLN 2	2.217	3.10E-05	-0.005	1	53.5	21	200	10	1079	-2.5
1827.8	8	Q9Y6R1	R.NLTSSSLNDSDKPE NLTSS[S166.9984]LNDSDKPEK 3	0.095	0.044	-0.004	1	22.28	21	169	12	1079	-2.27
2691.1	11	Q9Y6R1	R.ISENYSDKSDIENAC ISENY[S243.0297]SS[S166.9984]D 3	1.544	2.60E-04	-0.005	1	43.59	20	169	12	1079	-1.83
1907.8	17	Q9Y6R1	R.NLTSSSLNDSDKPE NLT[S181.014]SS[S166.9984]LN 2	1.214	3.10E-04	-0.005	1	43.43	21	153	9	1079	-2.5
1827.8	16	Q9Y6R1	R.NLTSSSLNDSDKPE NLT[S166.9984]SSLNDSDKPEK 2	1.051	4.90E-04	-0.005	1	41.8	21	153	9	1079	-2.7
1033.5	6	Q9Y6R1	K.PLIJSPAAR.I PLIJ[S166.9984]JPAAR 2	-0.24	0.009	-0.002	0	27.93	20	200	10	1079	-1.98
1665.6	6	Q9Y6R9	R.LGSGGSDGDPSPV LGS[S166.9984]GGS[S166.9984]C 2	-1.006	0.049	-0.005	0	19.2	19	19	2	474	-2.93
2659.1	27	Q9Y6K4	K.LESTARPSESSEFFL LESTARPSESS[S166.9984]EEFFLE 3	0.043	0.046	-0.005	1	21.83	21	41	5	670	-2.04
2739.1	8	Q9Y6K4	K.LESTARPSESSEFFL LESTARPSESS[S166.9984]S[S166.9984] 3	0.28	0.025	-0.005	1	24.16	21	36	6	670	-1.99
2680.1	31	Q9Y6K4	K.NQSEEQSEASSEL NQSEEQSEAS[S166.9984]EQLD 3	1.016	0.004	-0.008	0	30.52	20	36	6	670	-2.93
2680.1	18	Q9Y6K4	K.NQSEEQSEASSEL NQSEEQ[S166.9984]EASSEQLD 3	1.41	0.001	-0.008	0	36.52	20	41	5	670	-2.93
2659.1	12	Q9Y6K4	K.LESTARPSESSEFFL LEST[S181.014]ARPSESSEFFLE 3	0.212	0.031	-0.005	1	23.46	21	23	2	670	-2.04
4710.2	23	Q9Y6X9	R.LMKPPSPEHQSLD LMKPPSPEHQ[S166.9984]LDTC 4	0.319	0.011	-0.012	1	23.71	16	24	2	1032	-2.59



H358 Cell Line, Treated with DMSO vs. 20uM TRC-794 for 12hrs  
 Mascot Search Results, as reported through Rosetta Elucidator

(M+H)+	Ions Found	Protein Code	Peptide Sequ	Modified Pepti	Charge	F-Score	Expectation Va	Mass Diff	# Missed Cleav	Ion Score	Identity Thresh	Protein Score	# Queries Mat	Length in Resic	Mass Error (ppm)
1937.816	10	A1L170	R.TSSLDNEGPH	TSS[166.9984]L	2	0.757	5.70E-04	0.002	0	37.12	17	37	1	272	0.96
1937.816	11	A1L170	R.TSSLDNEGPH	T[181.014]SSLC	2	0.126	0.002	0.002	0	30.8	17	31	1	272	0.96
1558.653	9	A1L390	K.AWVSSQDEV	AWSS[166.998	2	2.067	2.50E-05	2.00E-04	0	50.22	17	84	4	1219	0.11
1054.472	5	A1L390	K.GPLSPFNRA	GPLS[166.9984	2	0.256	0.002	0.001	0	32.11	17	84	4	1219	0.11
1302.582	7	A1L390	R.SSSVLSLEGS	SSVLS[166.998	2	0.587	7.20E-04	0.002	0	37.42	19	84	4	1219	1.27
1501.603	14	A1L390	K.IWEGMESSG	IWEGMESSGG[2		-0.163	0.005	0.002	0	26.9	16	96	4	1219	1.48
2249.016	11	A1L390	R.DGKSPVPC	DGKS[166.9984	3	0.962	0.004	0.004	1	28.99	17	87	7	1219	1.85
2819.125	19	ASYM69	R.YYSPCEEHP	YYS[166.9984]F	3	0.881	0.004	0.001	0	29.13	18	29	1	484	0.49
1917.803	22	AGNGZ7,Q9H1	R.RPCPYEQAG	RPC[166.0307]L	2	1.285	1.50E-04	0.001	0	44.4	19	44			0.64
2441.006	7	AGNKF1	R.TLEEVVMAE	TLEEVVMAEEEL	3	0.491	0.011	0.003	0	24.27	17	24	1	404	1.37
1642.803	11	AGN128	K.IQLVQQQAD	IQLVQQQADDA	2	2.159	1.80E-08	0.002	0	83	18	83	2	223	0.92
1754.748	10	A7KAX9	K.SEESLTS	SEESLTS[166.9984]EE	2	1.568	8.70E-05	0.002	0	46.23	18	53	5	2087	0.96
2858.203	27	A7KAX9	K.DAETGSSQC	DAETGSSQC[16	3	0.515	0.011	-0.001	0	24.47	17	53	5	2087	-0.44
1754.748	9	A7KAX9	K.SEESLTS	SEESLTS[166.9984]E	2	1.3	1.60E-04	0.002	0	43.55	18	54	3	2087	0.96
1464.642	7	B2RPK0,P0942	K.LGEMWNNT	LGEMWNNTA[2		1.118	2.10E-04	0.002	0	41.73	18	42			1.13
1644.711	10	B2RUZA	R.DGVSIGAVSS	DGVSIGAVSS[17	2	0.208	0.002	0.001	0	31.61	17	32	1	78	0.77
1692.784	5	C9J198	R.LQLATLEAG	LQLATLEAGPG[2		-0.815	0.021	0.002	0	22.4	18	22	1	176	1.07
2063.907	8	C9J1W8	R.SPPSSSEIF	SPSSSEIF[166.9984]P	2	1.294	1.70E-04	0.001	0	44.49	19	44	2	97	0.7
2063.907	11	C9J1W8	R.SPPSSSEIF	SPSS[166.9984]P	2	1.784	5.60E-05	0.001	0	49.38	19	49	2	97	0.7
1324.618	7	O00151	K.VWVSPVTEG	VWV[166.9984]E	2	0.365	0.001	0.002	0	34.19	18	34	1	329	1.7
1887.758	12	O00161	K.TTWGDDGG	TTWGDDGG[2		2.065	2.40E-05	6.00E-04	0	51.2	18	51	1	211	0.32
2671.09	8	O00193	K.RSASPPDDL	RSAS[166.9984]A	2	0.205	0.022	0.002	1	22.39	18	248	7	183	0.88
2671.09	14	O00193	K.RSASPPDDL	RS[166.9984]A	2	2.159	1.20E-05	0.004	1	55.02	18	272	8	183	1.33
2514.989	10	O00193	R.SASPPDDL	SGS[166.9984]F	3	-0.19	0.047	0.003	0	17.44	17	233	6	183	1.14
2331.95	11	O00193	K.EESAELQAA	EAS[166.9984]F	2	-0.294	0.006	0.001	0	26.61	17	272	8	183	0.48
2671.09	12	O00193	K.RSASPPDDL	RSASPPDDL[3		1.127	9.70E-07	0.002	1	65.87	18	292	6	183	0.88
2514.989	16	O00193	R.SASPPDDL	SG[166.9984]A	2	2.127	1.70E-11	0.004	0	111.76	17	303	8	183	1.54
1340.468	7	O00203	K.NFYESDDQ	NFYES[166.998	2	-0.824	0.021	0.002	0	17.31	13	17	1	1094	1.41
1070.488	7	O00231	R.AQSLSTR	EAQS[166.9984]E	2	-1.021	0.031	6.00E-04	0	20.34	18	20	1	422	0.6
2375.94	6	O00264	K.EGEEPTVSD	EGEEPTVYS[16	2	0.203	0.002	0.002	1	31.58	17	137	7	195	0.75
2115.85	14	O00264	R.GDQPAASGD	GDQPAASGDS[2		2.172	1.10E-07	0.002	0	74.99	18	172	7	195	1.06
1817.7	7	O00264	K.EGEEPTVSD	EGEEPTVYS[16	2	0.076	0.003	0.003	0	29.31	16	98	4	195	1.79
2115.85	24	O00264	R.GDQPAASGD	GDQPAAS[166.3	3	1.224	6.30E-04	0.003	0	37.38	18	137	7	195	1.39
2035.884	12	O00264	R.GDQPAASGD	GDQPAASGDS[2		-0.185	0.004	2.00E-04	0	29.68	19	172	7	195	0.08
1737.734	13	O00264	K.EGEEPTVSD	EGEEPTVSD[2		-1.067	0.037	0.001	0	19.86	18	172	7	195	0.8
1328.644	13	O00299	K.NSNPALNDN	NSNPALNDNLE	2	-0.526	0.01	0.002	0	27.29	20	27	3	241	1.32
1841.866	8	O00410	R.NUIDEDGNN	NUIDEDGNNQV	2	2.197	1.00E-05	0.002	0	55.78	18	56	1	1097	1.19
1051.518	6	O00443	K.VSNLQVSPK	S[VSNLQVSPK]S	2	-0.793	0.018	8.00E-04	0	23.61	19	24	2	1686	0.72
1658.742	11	O00499	K.SPSPPDGS	SPS[166.9984]F	2	-0.638	0.013	0.002	0	25.17	19	26	3	593	1
1738.708	6	O00499	K.SPSPPDGS	SPS[166.9984]F	2	-1.138	0.041	8.00E-04	0	19.17	18	26	3	593	0.48
1658.742	7	O00499	K.SPSPPDGS	SPS[166.9984]F	2	0.26	0.002	0.002	0	34.15	19	79	4	593	1
1738.708	7	O00499	K.SPSPPDGS	SPS[166.9984]F	2	-0.292	0.006	8.00E-04	0	27.62	18	28	4	593	0.48
1685.722	9	O00499	K.DEQFEQCVQ	DEQFEQCV[160.1	2	1.2	2.20E-04	0.002	0	42.58	18	107	7	593	1.18
2116.859	19	O00505	R.NVPQEESE	NVPQEESEDS[2		0.708	6.70E-04	0.002	0	36.63	17	37	2	521	1.13
2116.859	18	O00505	R.NVPQEESE	NVPQEESE[166.1	2	-0.46	0.01	0.002	0	24.93	17	68	4	521	1.13
1231.606	6	O00512	R.IPVGGLSP	IPVGLSP[166.1	2	-1.062	0.036	0.001	0	20.93	19	53	4	1426	0.96
1205.483	7	O00512	R.SISADFDQR	SIS[166.9984]A	2	-0.045	0.003	2.00E-04	0	29.1	17	53	4	1426	0.16
1711.753	11	O00512	R.AVTPVQSGS	AVT[181.014]P	2	0.672	6.20E-04	8.00E-04	0	39.27	20	66	3	1426	0.44
1641.675	9	O00515	R.QRTLEDEEQ	QRT[181.014]U	3	1.291	4.00E-05	0.002	1	48.68	17	129	7	517	1.37
1385.558	7	O00515	R.NLSSTTDEA	NLSST[181.014	2	2.159	1.70E-05	0.002	0	52.52	17	129	7	517	1.28
1459.541	7	O00515	K.EEEADMSSP	EEADMSS[166.2		0.949	3.60E-04	0.002	0	36.04	14	129	7	517	1.34
1385.558	9	O00515	R.NLSSTTDEA	NLS[166.9984]F	2	1.529	1.00E-04	0.002	0	44.84	17	109	7	517	1.28
703.317	4	O00515,Q1469	K.TISFR	TIS[166.9984]F	2	-0.928	0.029	8.00E-04	0	24.26	21	109			1.2
1416.505	9	O00566	R.EEDGSEIEA	EEDGS[166.998	2	-1.108	0.038	0.002	0	18.5	17	18	1	681	1.57
1494.636	14	O00567	K.EEPLVSSG	EEPLVSS[166.99	2	0.641	7.70E-04	0.002	0	35.96	17	40	4	594	1.38
2103.904	20	O00567	K.EEPLVSSG	EEPLVSS[166.99	3	0.077	0.028	0.004	0	21.09	18	40	4	594	1.67
2103.904	16	O00567	K.EEPLVSSG	EEPLVSS[166.998	3	0.204	0.021	0.004	0	22.38	18	34	3	594	1.67
1369.553	6	O00571	K.SFFSDRSG	SFFSDRSGS[3		0.075	0.007	5.00E-04	1	24.56	15	25	3	662	0.34
878.356	4	O00571,O1552	R.FSGFGFAR	D FS[166.9984]G	2	-1.22	0.046	6.00E-04	0	13.35	13	13			0.63
1300.639	8	O00571,O1552	R.DREALHQR	DREALHQR	3	0.192	0.023	0.001	1	22.27	18	22			0.81
2228.844	18	O00629	R.NVPHEDIC	NVPHEDIC[160.2		0.468	0.001	0.001	0	35.21	18	63	3	521	0.63
2164.936	14	O14497	K.VSSPAPMEG	VSS[166.9984]F	2	1.288	1.50E-04	0.003	0	44.43	19	67	4	2285	1.47
2595.125	35	O14497	K.HVTTAETG	PCHVTTAETGPGT	3	1.224	0.002	0.001	0	33.96	19	49	3	2285	0.39
1223.988	11	O14523	K.EAGLSQSHD	EAGLSQSHD[166.5	3	0.005	0.032	0.003	0	21.41	19	24	2	706	1.19
1366.636	12	O14545	R.ALPSLNTGS	S[ALPSLNTGSS][2		-0.157	0.004	0.002	0	29.98	19	46	3	582	1.82
1676.753	11	O14545	R.LDSQPQETS	P LDSQPQETS[16	2	0.298	0.002	0.002	0	34.53	19	46	3	582	0.96
1618.686	10	O14617	K.HRPSAEDEE	HRPS[166.9984	3	1.127	5.70E-04	-1.00E-04	0	37.26	17	37	2	1153	-0.09
1700.753	10	O14639	R.TLSPPTSAE	GLS[166.9984]F	2	2.159	7.80E-07	0.002	0	66.05	17	85	4	778	1.17
1614.664	7	O14639	R.SSGREEDDE	SS[166.9984]G	3	-0.175	0.046	0.002	1	18.59	18	62	2	778	1.14
1437.648	7	O14646	R.ASSSGPRSP	L ASSSGPRSP[166.2		-1.065	0.034	0.001	1	19.9	18	20	1	1710	0.92
1137.566	5	O14646	K.SSPSLAVQR	:SS[166.9984]P	2	-1.169	0.042	0.002	0	18.84	18	25	3	1710	1.72
1144.519	5	O14681	K.FPSPHPSP	AK.FPSPHPSP[166.9984]F	2	-1.172	0.046	0.003	0	15.83	15	26	2	340	2.65
1224.485	7	O14681	K.FPSPHPSP	AK.FPSPHPSP[166.9984]F	2	-0.105	0.004	0.002	0	24.5	13	26	2	340	1.31
1195.503	4	O14686	K.SPDTGPDW	L[S[166.9984]P]D	2	-0.781	0.017	0.002	0	21.74	17	42	5	5537	1.43
1882.727	8	O14686	K.QTAGQGSQ	P QTAGQGS[166.2		0.858	4.00E-04	0.002	0	37.13	16	42	5	5537	0.96
2235.99	17	O14686	K.LEGPVSPD	VELEGPVSP[166.99	3	0.299	0.017	0.001	1	24.33	19	37	7	5537	0.44
1663.773	5	O14686	K.ASEPLSPPP	F ASEPLSP[166.9	2	-0.661	0.016	0.003	0	22.93	17	42	3	5537	1.74
1283.366	6	O14737	K.VMDSDEDD	VMD[166.998.2		-0.132	0.004	0.002	0	24.21	13	24	1	125	1.53
1872.958	9	O14745	R.EALAEAAE	SEI EALAEAAE[13	3	1.291	2.30E-04	0.003	0	41.14	17	112	3	358	1.37
1958.786	10	O14745	R.SASSDTSEL	L SASSDTSEL[166.9984]E	2	2.159	5.00E-09	0.002	0	87.44	17	112	3	358	0.8
1958.786	9	O14745	R.SASSDTSEL	L SASSDT[181.01	2	2.172	9.50E-								

1662.785	8	O15021	R.KHSLEVTQEE' KHS[166.9984] 3	0.084	0.025	0.001	1	21.18	18	21	7	2626	0.86
2646.042	18	O15027	R.FTGSFDDDPD FT[181.014]GSI 3	0.801	0.005	0.002	1	28.33	18	98	6	2179	0.84
2363.003	15	O15027	K.QIDSSPVGGE QIDSS[166.998- 2	2.159	1.10E-07	0.002	0	76.12	19	98	6	2179	0.69
2363.003	11	O15027	K.QIDSSPVGGE QIDSSPVGGET[ 3	0.706	0.006	0.002	0	28.38	19	98	6	2179	0.98
1972.926	17	O15027	R.ADSGPTQPPL ADSSGPTQPPLS 2	-0.984	0.03	0.001	0	20.71	18	98	6	2179	0.7
2363.003	10	O15027	K.QIDSSPVGGE QIDS[166.9984 2	2.127	2.30E-07	0.002	0	73	19	103	7	2179	0.69
2646.042	17	O15027	R.FTGSFDDDPD FTGS[166.9984 3	1.021	0.003	0.002	1	30.57	18	101	8	2179	0.84
1585.595	14	O15027	R.FTGSFDDDPD FTGS[166.9984 3	0.981	0.003	0.002	0	27.16	15	91	7	2179	1.19
2595.019	12	O15033	R.RPSTAVDEED RPSTAVDEEDEF 3	0.068	0.028	7.00E-04	0	21.04	18	21	2	823	0.25
1401.666	9	O15042	K.LYSILQGDSP T LYSILQGDSS[166 2	-0.388	0.007	0.002	0	28.65	20	29	1	1029	1.06
2581.12	12	O15047	R.SGSPAPETTN SGS[166.9984] 3	0.186	0.024	0.002	0	21.18	17	31	2	1707	0.81
2304.962	17	O15047	K.RPRPSTPAEEI RPRPST[181.01 3	0.608	0.008	0.001	0	27.4	19	31	2	1707	0.54
2304.962	18	O15047	K.RPRPSTPAEEI RPRPST[166.998 3	0.258	0.017	0.001	0	23.94	19	24	5	1707	0.54
1349.61	7	O15075	K.SPSPSPSPSGS SPSPSPST[181.0 2	-0.758	0.02	0.001	0	22.97	18	23	3	740	0.83
1349.61	6	O15075	K.SPSPSPSPSGS SPSPSPST[166. 2	-0.64	0.015	0.001	0	24.15	18	24	3	740	0.83
1836.849	16	O15143	K.KASSEGGTAA KAS[166.9984] 3	1.291	4.30E-04	0.001	1	39.69	19	40	1	372	0.64
1836.849	18	O15143	K.KASSEGGTAA KASSEGGT[181 3	0.793	0.005	0.001	1	29.27	19	29	1	372	0.64
1291.629	14	O15155	K.SLSIEIGHEVK SLS[166.9984] 2	-1.001	0.033	0.002	0	20.54	18	21	1	118	1.37
2159.927	26	O15173	R.LLKGEEPESEY LKPGEEPESEY 3	0.672	0.007	0.003	0	27.06	18	93	3	223	1.56
1777.812	22	O15173	R.GLGAGAGAG GILGAGAGAGEI 2	0.133	0.002	1.00E-04	0	34.68	19	74	2	223	0.05
2159.927	16	O15173	R.LLKGEEPESEY LKPGEEPESEY 2	2.159	5.90E-06	0.001	0	57.83	18	74	2	223	0.54
1087.482	5	O15173	R.DFSLEQLR.Q DFS[166.9984] 2	-0.407	0.008	0.001	0	28.46	20	112	5	223	0.97
2910.168	6	O15231	R.RSSTSGDTEEI RSSTSGDGT[181. 3	1.224	0.002	0.003	1	34.26	18	265	16	689	1.17
2754.067	10	O15231	R.RSSTSGDTEEI RSSTSGDGT[181.0 3	1.033	0.003	0.002	0	29.65	17	296	16	689	0.55
3473.524	30	O15231	R.GGQGDPAVP GGQGDPAVPT 3	1.291	5.50E-04	0.003	0	37.56	17	296	16	689	0.76
2910.168	20	O15231	R.RSSTSGDTEEI RSST[181.014] 3	1.291	0.001	0.003	1	34.63	18	296	16	689	1.17
2910.168	7	O15231	R.RSSTSGDTEEI RSST[166.998- 3	0.501	0.011	0.003	1	25.35	18	235	15	689	1.17
1751.731	9	O15231	R.RESCGSSVLT RES[166.9984] 2	2.159	1.50E-05	0.003	1	53.61	18	296	16	689	1.48
3553.49	26	O15231	R.GGQGDPAVP GGQGDPAVPT 3	1.224	3.10E-04	0.003	0	39.94	17	265	16	689	0.74
3490.527	11	O15231	R.GGQGDPAVP GGQGDPAVPAI 3	1.291	8.20E-04	0.002	1	35.8	17	296	16	689	0.72
3473.524	26	O15231	R.GGQGDPAVP GGQGDPAVPT 3	1.291	1.10E-05	0.002	0	54.59	18	296	16	689	0.47
2154.945	10	O15231	R.GGQGDPAVP GGQGDPAVPAI 3	0.907	0.004	0.003	0	29.39	18	296	16	689	1.41
1751.731	9	O15231	R.RESCGSSVLT RES[160.0307 3	1.256	7.70E-04	0.003	1	36.46	18	235	15	689	1.77
2754.067	5	O15231	R.RSSTSGDTEEI RSST[166.9984] 3	-0.008	0.034	0.002	0	19.26	17	265	16	689	0.55
1354.6	10	O15231	R.QSSPGSEQL' OSS[166.9984] 2	2.159	1.80E-05	0.002	0	53.95	19	296	16	689	1.3
3553.49	23	O15231	R.GGQGDPAVP GGQGDPAVPT 3	1.193	2.70E-05	0.003	0	50.59	17	252	16	689	0.74
3473.524	15	O15231	R.GGQGDPAVP GGQGDPAVPT 3	-0.182	0.045	0.002	0	18.54	18	252	16	689	0.47
3490.527	13	O15231	R.GGQGDPAVP GGQGDPAVPAI 3	1.127	2.20E-04	0.002	1	41.5	17	268	17	689	0.72
2754.067	14	O15231	R.RSSTSGDTEEI RSST[181.014] 3	1.342	1.00E-04	0.002	0	44.44	17	223	13	689	0.55
1595.63	5	O15231	R.RESCGSSVLT RES[160.0307] 2	-1.048	0.035	0.003	0	19.05	17	223	13	689	2.07
1595.63	9	O15231	R.RESCGSSVLT RES[166.9984] 2	-1.157	0.045	0.003	0	17.96	17	235	15	689	2.07
2154.945	7	O15231	R.GGQGDPAVP GGQGDPAVPAI 3	1.256	3.40E-04	0.003	0	40.53	18	235	15	689	1.41
2990.135	21	O15231	R.RSSTSGDTEEI RSST[166.998- 3	0.116	0.026	0.002	1	20.52	17	317	18	689	0.66
2910.168	19	O15231	R.RSSTSGDTEEI RSST[166.9984] 3	1.2	1.90E-04	0.003	1	43.11	18	317	18	689	1.17
2990.135	6	O15231	R.RSSTSGDTEEI RSST[166.9984] 3	-0.137	0.046	0.002	1	17.98	17	326	16	689	0.66
3490.527	7	O15231	R.GGQGDPAVP GGQGDPAVPAI 3	1.205	1.50E-04	0.002	1	43.06	17	224	14	689	0.72
3490.527	12	O15231	R.GGQGDPAVP GGQGDPAVPAI 3	1.204	1.10E-04	0.002	1	44.68	17	263	15	689	0.72
3553.49	16	O15231	R.GGQGDPAVP GGQGDPAVPT 3	1.205	7.70E-06	0.003	0	55.98	17	224	14	689	0.74
2502.176	21	O15234	R.LEQTSVRDPSI LEQTSVRDPSI 3	1.291	8.00E-06	0.003	1	56.81	18	90	6	703	1.19
2415.031	14	O15234	K.STVTGERQSG STVTGERQSG[16 3	1.291	8.00E-04	0.003	1	36.08	18	90	6	703	1.39
1859.734	9	O15234	R.GGSGCSGSAI GGSGC[160.03 2	-1.136	0.042	0.002	0	18.19	17	91	8	703	0.85
2415.031	8	O15234	K.STVTGERQSG STVT[181.014] 2	-0.338	0.006	0.003	1	27.15	18	93	6	703	1.39
1859.734	6	O15234	R.GGSGCSGSAI GGSGC[160.03 2	-0.328	0.007	0.002	0	26.25	17	75	6	703	0.85
1859.734	11	O15234	R.GGSGCSGSAI GGSGC[166.998- 2	-0.977	0.027	0.002	0	19.76	17	98	7	703	1.12
1852.776	16	O15234	R.YGSPPPQRPDI YGS[166.9984] 3	0.32	0.014	-5.00E-04	1	24.54	19	75	6	703	-0.29
1368.579	4	O15344	K.ASVSGPNSPS ASVSGPNSPS1 2	-1.049	0.039	0.003	0	18.09	16	18	1	667	2.27
1368.579	8	O15344	K.ASVSGPNSPS ASVSGPNSPS[166 2	-0.606	0.014	0.003	0	22.47	16	22	1	667	2.27
2128.928	18	O15355	R.KLEEVLTGEG KLEEVLT[181. 3	1.256	8.50E-05	0.003	1	45.7	17	149	6	546	1.13
2000.833	12	O15355	K.LEEVLTGEGAI LEEVLS[166.99 2	2.159	1.40E-07	0.001	0	75.31	19	143	6	546	0.66
2128.928	15	O15355	R.KLEEVLTGEGAI KLEEVLS[166.9 2	2.159	7.10E-07	0.002	1	66.54	18	143	6	546	0.69
2128.928	14	O15355	K.LEEVLTGEGAI LEEVLT[181.0 3	0.022	0.035	0.003	1	19.55	17	163	5	546	1.3
1702.732	9	O15357	R.DASDGEDKFI DAS[166.9984] 3	-0.086	0.039	-7.00E-04	0	18.46	17	18	3	1258	-0.39
1348.578	9	O15427	K.NGVEVHTPETI NGVEVHTPETS 2	-0.39	0.007	0.001	0	26.65	18	27	1	465	0.99
1945.854	8	O15439	K.DNNEESEQPPV DNNEESEQPPVM 2	-0.037	0.003	0.001	0	31.18	19	31	2	1325	0.73
2073.949	9	O15439	K.DNNEESEQPPV DNNEESEQPPVI 3	-0.074	0.043	0.003	1	19.62	18	24	2	1325	1.48
2121.995	16	O15446	K.QEQINTEPLEI QEQINTEPLEDT 3	-0.077	0.041	0.003	0	20.55	19	50	3	510	1.45
2121.995	8	O15446	K.QEQINTEPLEI QEQINTEPLEDT 2	1.712	5.90E-05	0.001	0	48.67	19	50	3	510	0.56
1418.595	6	O15551	R.STGPGASLGT ST[181.014]GPI 2	-0.239	0.006	0.001	0	28.15	18	28	1	220	0.94
2320.009	7	O43149	R.GDREEVERP GDREEVERPV 3	-0.133	0.045	0.002	1	20.03	19	20	1	2961	0.66
2112.898	10	O43164	K.SSAGDTEFVH SAGDTEFVHQ 3	0.036	0.033	0.002	0	18.7	16	19	3	708	0.8
1536.719	8	O43166	K.LIDLESPTPEK LIDLES[166.998 2	1.195	1.90E-04	0.002	0	42.5	18	58	5	1804	1.32
1492.631	9	O43166	R.TLSDSIYNSG TLS[166.9984] 2	0.345	0.001	5.00E-04	0	34	18	58	5	1804	0.33
1536.719	8	O43166	K.LIDLESPTPEK LIDLESPT[181.0 2	1.797	4.90E-05	0.002	0	48.52	18	51	7	1804	1.32
1178.473	8	O43166	K.SETGDSIFR.I S[166.9984]ET 2	-0.93	0.025	0.001	0	20.25	17	51	7	1804	1.09
1393.599	9	O43166	R.SKSETGDSIFR.S[166.9984]E 2	-0.537	0.012	0.002	1	25.18	18	80	4	1804	1.15
2252.826	15	O43237	K.DFQDYMEPEI DFQDYMEPEEC 3	1.256	4.90E-05	0.004	0	46.64	16	87	5	492	1.54
2408.927	8	O43237	K.DFQDYMEPEI DFQDYMEPEEC 3	-0.135	0.043	0.004	1	17.99	17	55	5	492	1.65
1494.684	14	O43237	R.GGPASVPSSS GGPASVPSSS[1 2	-0.76	0.018	0.002	0	22.95	18	66	5	492	1.41
1842.738	9	O43278	K.NNFEEOQQCI NNFEEOQQCI 2	-0.154	0.005	-8.00E-04	0	26.99	16	27	1	529	-0.44
1285.565	5	O43291	R.SHDFCLVSK.V S[166.9984]HC 2	-1.133	0.04	0.002	0	19.2	18	19	0	252	1.67
1645.611	11	O43395	K.GDDDESDDE GDDDEES[166. 2	1.618	7.40E-05	0.002	1	44.73	16	76	3	683	1.38
1517.516	11	O43395	K.GDDDESDDE GDDDEES[166. 2	1.746	6.00E-05	9.00E-04	0	45.01	15	64	3	683	0.61
1983.909	11	O43399	K.GLLSDSMTDV GLLSDSMT[181 2	0.338	0.001	0.003	0	34.91	19	35	1	206	1.71
2067.901	8	O43493	K.TESGTEEDLUS TES[166.9984] 2	-1.179	0.046	0.002	0	19.74	19	20	2	480	0.85
1600.685	16	O43566	K.SLGSSTGESESI S[166.9984]G 2	-0.646	0.013	0.002	0	24.09	18	24	1	566	1.31
1600.685	15	O43566	K.SLGSSTGESESI S[166.9984 2	0.038	0.003	0.002	0	30.91	18	31	1	566	1.31
1942.811	13	O43598	R.YFEADPPGQI YFEADPPGQVA 2	0.528	8.30E-04	0.002	0	36.83	19	37	1	174	1.11

2458.029	17	O60229	K.SFDLGSPPKGI S[166.9984]FDI 3	-0.11	0.039	0.002	0	19,24	18	19	2	2985	1.04
938.45	4	O60229,07596	K.WLTSRVR.R WLTS[166.9984] 2	-0.211	0.005	8.00E-04	0	27,44	17	49			0.81
1870.749	7	O60231	K.QQTEKPESED QQTEKPE[166.9 2	-0.06	0.004	0.005	0	28,98	17	29	1	1041	2.75
1789.377	15	O60231	R.LLDESESEEE LLED[166.9984] 2	-0.986	0.033	4.00E-04	0	19,69	17	25	3	1041	0.23
1768.691	6	O60238	R.DHSSQSEEEV DHSQS[166.95 2	-0.931	0.024	-0.001	0	20,24	17	20	2	219	-0.56
2174.917	10	O60238	K.NGGLEHVPS NGGLEHVPS[16 3	0.477	0.012	0.002	0	24,12	17	72	2	219	0.68
2174.917	18	O60238	K.NGGLEHVPS NGGLEHVPS[16 3	0.501	0.011	0.002	0	24,37	17	24	1	219	0.68
1454.623	8	O60244	R.KLSDOPCPVE KLS[166.9984]C 2	-0.846	0.023	0.002	1	21,09	17	21	1	1454	1.33
1029.407	5	O60245	K.LSDSPMGR.L LSDS[166.9984] 2	-0.768	0.017	4.00E-04	0	20,85	16	21	2	1069	0.42
1244.567	6	O60264	K.QNLLSVDYR QNLLS[166.998 2	-0.343	0.006	0.003	0	29,12	20	29	3	1052	2.27
1945.876	15	O60271	K.LHQLSGSDQL LHQLSG[166.9 3	1.567	8.00E-04	0.002	0	37,99	20	38	5	1321	0.91
1945.876	18	O60271	K.LHQLSGSDQL LHQLSG[166.99 3	1.257	0.002	0.002	0	34,92	20	35	2	1321	0.91
1368.652	8	O60271	K.RSSTLSQLPGI RSS[166.9984] 2	-0.848	0.015	5.00E-04	1	24,06	18	40	4	1321	0.39
1368.652	4	O60271	K.RSSTLSQLPGI RSS[181.014] 2	-1.072	0.039	5.00E-04	1	19,82	18	50	5	1321	0.39
2049.87	8	O60291	R.AASIENLQD AASIENVLQDSS 3	-0.031	0.035	0.002	0	20,03	18	20	1	552	1.2
1563.621	5	O60291	R.SPSSPIHEEDE SPSS[166.9984] 2	-1.011	0.03	2.00E-04	0	18,42	16	18	2	552	0.13
2212.958	12	O60292	R.AHSLGGLDPA AHSLGGLDPAF 3	0.566	0.009	0.003	0	27,98	20	34	3	1781	1.52
1796.802	7	O60292	R.TTPTMSEPP TT[181.014]PTI 2	-0.549	0.011	0.003	0	25,06	18	34	3	1781	1.69
2132.833	11	O60292	R.SSEITLSECD, SSS[166.9984]E 2	0.208	0.002	0.002	0	30,63	16	31	4	1781	0.78
2212.958	11	O60292	R.AHSLGGLDPA AHSLGGLDPAF 3	0.02	0.031	0.003	0	22,55	20	41	4	1781	1.52
2132.833	14	O60292	R.SSEITLSECD, SS[166.9984]SE 2	2.025	3.70E-06	0.002	0	57,84	16	82	5	1781	0.78
1320.62	7	O60292	R.EVSPAPAVAC EVS[166.9984] 2	-0.768	0.019	0.003	0	22,85	18	41	4	1781	2.12
1328.646	11	O60293	R.RISTSDILSEK, RIS[166.9984]T 2	-0.084	0.004	0.002	1	31,71	20	32	4	1989	1.35
2460.108	20	O60318	K.KPGDGEVSPS KPGDGEVPS[166 3	0.286	0.019	0.002	0	23,18	18	23	1	1980	0.9
2460.108	16	O60318	K.KPGDGEVSPS KPGDGEVPS[1 3	0.807	0.006	0.002	0	28,42	18	28	1	1980	0.9
2460.108	27	O60318	K.KPGDGEVSPS KPGDGEVSPST[ 3	0.622	0.009	0.002	0	26,57	18	27	1	1980	0.9
1246.459	7	O60333	K.MSDTGSPPGM MSDTGS[166.9 2	2.119	1.00E-05	0.002	0	50,66	13	62	4	1816	1.37
1083.508	6	O60333	R.SGLSLEELR.L SGLS[166.9984] 2	-0.507	0.01	0.001	0	27,48	20	62	4	1816	1.25
3478.532	25	O60341	K.LPPPPQAPPI LPPPPQAPPEE 4	-0.244	0.029	0.001	0	22,72	20	23	2	852	0.35
1512.615	6	O60343	K.SPSPMQQDD SPS[166.9984]V 2	0.433	0.001	0.001	0	33,88	17	34	3	1298	0.7
1512.615	8	O60343	K.SPSPMQQDD S[166.9984]PSV 2	0.48	0.001	0.001	0	34,35	17	36	4	1298	0.7
1656.701	10	O60343	R.HASAPSHVQF HASAPS[166.95 3	-0.11	0.047	0.002	0	18,24	17	35	3	1298	1.43
1656.701	12	O60343	R.HASAPSHVQF HAS[166.9984] 3	0.317	0.018	0.002	0	22,5	17	42	5	1298	1.43
1754.705	11	O60353	R.EQDCGEPASF EQDC[160.030] 2	1.622	7.00E-05	0.002	0	46,77	18	47	1	706	1.09
1149.53	11	O60361,P2239	R.NIHGSDSVK, NIHGS[166.99] 2	-1.081	0.039	0.001	0	20,72	19	21			1.07
1651.702	10	O60437	K.NNGESWELW NNGESWELMD 2	1.756	6.10E-05	0.003	0	47,11	17	47	2	1756	1.67
1654.768	5	O60447	K.LEEQNRLLLETT LEEQNRLLLETT[ 2	-1.088	0.036	0.002	1	19,67	18	20	1	810	1.01
2965.161	19	O60502	K.SPSPMQQDD S[166.9984]PEI 3	0.46	0.012	0.003	0	23,95	17	24	1	916	1.12
1590.716	12	O60504	R.SPAPDIDLGG SPADPIDLGGQ[ 2	2.119	5.40E-08	0.002	0	78,42	18	108	3	671	1.3
1535.656	8	O60504	R.LCDDGQPLPT LC[160.0307]DI 2	2.172	6.20E-06	0.002	0	58,01	18	107	4	671	1.44
1746.817	9	O60504	R.SPAPDIDLGG SPADPIDLGGQ[ 2	-0.444	0.009	0.002	1	26,11	18	127	3	671	0.95
1746.817	11	O60504	R.SPAPDIDLGG SPADPIDLGGQ[ 2	-0.552	0.012	0.002	1	25,01	18	107	3	671	0.95
1638.762	16	O60524	K.KLPSDSDLEJ, KLPS[166.9984] 2	2.159	9.50E-07	0.002	1	67,51	20	89	2	1076	1.47
1638.762	6	O60524	K.KLPSDSDLEJ, KLPS[166.99] 3	0.773	0.005	0.002	1	30,07	20	74	2	1076	1.23
1446.699	4	O60658	R.RLSGNEYVLV, RLS[166.9984]C 2	-0.934	0.026	0.002	1	22,21	19	22	2	829	1.52
1273.549	15	O60664	K.VSQAQEMVS, VVS[166.9984]G 2	0.914	3.60E-04	0.002	0	37,69	16	38	1	434	1.67
2053.792	16	O60716	R.HYEDGYPGG, HYEDGYPGGSD 2	1.658	7.00E-05	9.00E-04	0	47,13	18	229	13	968	0.42
1226.614	9	O60716	R.GSLASLDSLR, GSLASLDS[166. 2	-1.072	0.035	9.00E-04	1	19,83	18	229	13	968	0.73
1444.622	10	O60716	K.SDFQVNLNN, S[166.9984]DF 2	0.809	4.40E-04	5.00E-04	0	38,64	18	229	13	968	0.33
1726.772	9	O60716	R.TLDRSGLDGLD, TLDRS[166.99 2	0.152	0.002	0.003	1	34,07	20	195	13	968	1.55
1226.614	9	O60716	R.GSLASLDSLR, GSLAS[166.99 2	-0.402	0.007	0.002	1	26,53	18	229	13	968	1.38
2053.792	8	O60716	R.HYEDGYPGG, HYEDGYPGGSD 2	0.525	9.50E-04	9.00E-04	0	35,8	18	195	13	968	0.42
1098.519	8	O60716	R.GSLASLDSLR, GS[166.9984]U 2	0.735	6.40E-04	0.001	0	38,9	19	229	13	968	1.32
1106.499	6	O60716	R.VGGSSVDLHF, VGGSS[166.99] 2	0.445	0.001	0.001	0	37	20	229	13	968	0.98
1098.519	8	O60716	R.GSLASLDSLR, GSLAS[166.99 2	1.881	4.60E-05	0.001	0	50,36	19	196	13	968	1.32
1106.499	8	O60716	R.VGGSSVDLHF, VGGSS[166.99] 2	0.278	0.002	0.001	0	34,33	19	217	14	968	1.07
1241.512	7	O60716	R.SDGLDGMEP, S[166.9984]GD 2	0.496	9.90E-04	0.001	0	34,51	17	196	13	968	1.1
1489.595	9	O60716	K.SLDNNYSTPN, S[166.9984]LD 2	-0.414	0.008	0.002	0	27,4	19	183	13	968	1.37
1306.58	7	O60716	R.GSLASLDSLR, GSLAS[166.99 2	-0.744	0.018	0.002	1	24,09	19	248	14	968	1.73
2000.86	8	O60716	R.SQSSHSYDSS, SQSSHSY[243.0 3	-0.09	0.036	0.006	0	20,46	19	263	16	968	2.85
1202.527	10	O60749	K.SMSAPVIFDR, SMS[166.9984] 2	0.245	0.002	0.002	0	32	17	32	1	519	1.81
3323.239	33	O60763	K.DLGHVPEEED DLGHVPEEED 3	1.224	5.80E-06	0.002	0	54,53	15	122	2	962	0.55
3243.273	30	O60763	K.DLGHVPEEED DLGHVPEEED 3	1.291	1.10E-08	0.002	0	83,75	17	116	2	962	0.51
1786.701	19	O60832	K.AGLSGAEPG AGLSGAEPGD 2	2.159	1.00E-05	0.002	0	54,36	17	120	5	514	0.85
1914.796	11	O60832	K.AGLSGAEPG AGLSGAEPGD 2	0.096	0.003	0.002	1	31,51	18	92	6	514	0.82
1914.796	9	O60832	K.AGLSGAEPG AGLSGAEPGD 3	1.001	0.003	0.002	1	30,33	18	120	5	514	1.29
1618.59	8	O60841	K.KWVDSGEDEI, KWVDS[166.99 2	2.159	4.30E-06	0.003	1	57,24	16	272	9	1220	1.96
1750.633	11	O60841	K.QSFDNDNDEE QSFDNDNDS[166 2	1.266	1.70E-04	0.002	0	41,21	16	272	9	1220	1.31
1878.728	13	O60841	K.QSFDNDNDEE QSFDNDNDS[16 2	1.97	3.60E-05	6.00E-04	1	49,25	17	251	8	1220	0.34
2113.871	8	O60841	K.NKPGPNIEG NKPGPNIES[16] 2	2.159	2.90E-07	0.002	0	71,48	19	272	9	1220	0.72
1958.694	18	O60841	K.QSFDNDNDEE QS[166.9984] 2	-0.234	0.005	8.00E-04	1	25,21	15	272	9	1220	0.42
1816.625	8	O60841	K.VEMYSGSDDI VEMYS[166.99] 2	2.159	1.30E-06	0.002	0	60,32	14	272	9	1220	0.86
1878.728	10	O60841	K.QSFDNDNDEE QS[166.9984] 2	2.174	1.00E-06	0.001	1	65,01	18	317	8	1220	0.77
1549.735	7	O60869	K.LDRETEELHHI LDRETEELHHDF 4	0.232	0.021	0.003	1	23,89	20	26	2	148	1.98
825.412	6	O60869	R.VTLEVGK.V VT[181.014]LE 2	-1.12	0.037	9.00E-04	0	20,34	19	30	2	148	1.15
2316.937	16	O60930	K.SASPEVSEGH SAS[166.9984] 3	-0.084	0.04	0.004	0	19,51	18	20	2	286	1.59
1240.597	4	O60934	R.IPNYQLSPTK.I IPNYQLS[166.9] 2	-1.127	0.045	0.002	0	19,26	18	19	3	754	1.37
1169.527	7	O60934	R.MLSQDAPTVI MLS[166.9984] 2	-0.891	0.026	0.002	0	20,63	17	24	3	754	1.38
1629.745	7	O75052	K.VSHPOEPMIL VSHPOEPMILTA 3	0.86	0.005	0.002	0	27,95	17	28	1	506	0.95
1252.572	9	O75069,QBULS	K.FGSDADNIAHL FGS[166.9984] 2	0.78	5.30E-04	0.001	0	38,35	18	38			1.15
1454.663	10	O75122	R.SRSDIDVNAAS SR[166.9984] 2	2.119	4.10E-06	0.002	1	58,96	18	69	5	1294	1.46
2295.94	11	O75122	K.SFDDESVDS S[166.9984]FDI 3	0.838	0.005	0.003	0	28,73	18	82	3	1294	1.3
1454.663	8	O75122	R.SRSDIDVNAAS S[166.9984]RST 3	0.96	0.004	4.00E-04	1	29,96	18	81	5	1294	0.29
1961.831	16	O75131	K.EASRSPVEFE EASRS[166.99 3	0.004	0.035	0.004	1	20,37	18	20	1	537	1.94
2513.097	11	O75151	K.AVRPEVNTVA AVRPEVNTVAS 4	-0.102	0.041	0.002	1	20,45	19	21	5	1096	0.96
2041.973	11	O75151	K.EEPPSPIEATP EEPPS[166.99 2	-1.112	0.038	0.002	0	19,42	18	21	5	1096	0.93
1733.824	14	O75152	K.TVLPTVPESPE TVLPTVPES[166 2	-0.529									

1080.497	4	075376	R.VSPENLVDK.S VS[166.9984]P[ 2	-1.211	0.047	0.001	0	18.42	18	86	6	2440	1.14
2989.455	22	075376	K.QQLEEEAAH QQLEEEAAK P	1.256	0.002	0.003	0	31.55	15	82	9	2440	0.88
2525.964	16	075376	K.HEAPSSPGIC HEAPSS[166.99 3	0.317	0.018	0.002	0	21.04	16	85	10	2440	1
2493.143	20	075376	R.YETPSDAIEVY YETPSDAIEVIS[ 3	-0.13	0.046	0.004	0	20.05	19	81	10	2440	1.68
2445.998	17	075376	K.HEAPSSPGIC HEAPSSPGICOP 3	0.214	0.021	0.002	0	21.48	17	53	6	2440	0.75
1666.78	8	075396	R.NIGSINTELOI NIGS[166.9984 2	2.127	1.80E-07	0.001	0	73.85	19	74	2	215	0.73
1215.529	7	075400	K.QETVADFTPK QETVADFT[181 2	1.287	1.70E-04	0.002	0	42.42	17	42	1	957	1.23
1429.548	12	075400	K.SDSPESDAERI SDSPE[166.99 2	-1.026	0.032	-9.00E-04	1	18.32	16	30	2	957	-0.65
1509.514	10	075400	K.SDSPESDAERI S[166.9984]DSI 2	-1.043	0.033	9.00E-04	1	16.11	14	25	3	957	0.62
1189.558	8	075400	R.TLLEQLDDQ TLLEQLDDQ 2	1.426	1.20E-04	0.001	0	44.8	18	80	3	957	0.85
2611.979	23	075410	R.GGAAGEDEA GGAAGEDEAG 3	1.291	1.50E-05	0.002	0	52.16	16	52	3	805	0.87
2475.129	17	075420	R.GIQLSPGVGS GIQLS[166.998 3	-0.127	0.041	0.003	0	19.05	18	19	1	1035	1.34
1974.892	13	075427	R.GTVEEQRPPE GTVEEQRPPEL 3	0.313	0.017	0.002	0	23.49	18	23	1	683	1.08
2026.896	8	075448	R.LLSSNEDDAN LLS[166.9984]S 2	2.159	5.50E-06	0.002	0	58.47	18	58	1	989	1.01
2026.896	7	075448	R.LLSSNEDDAN LLS[166.9984] 2	-0.377	0.008	0.002	0	26.78	18	60	2	989	1.01
2179.803	11	075475	K.TGVTSTSDSEI T[181.014]GVT 2	2.159	1.40E-05	0.003	0	50.69	15	78	5	530	1.32
2179.803	7	075475	K.TGVTSTSDSEI TGVTSTS[166.9 2	-1.015	0.03	0.003	0	17.4	15	93	5	530	1.32
1501.605	9	075475	K.QSNASSDDEV QSNASS[166.99 2	2.119	1.60E-06	0.002	0	61.99	17	53	5	530	1.69
1712.81	13	075475	K.KPSEERETE! KPSS[166.9984 3	0.024	0.029	8.00E-04	1	21.59	19	84	5	530	1.04
1287.515	6	075494	R.SRFDNYNR.F SR[166.9984]F 2	-0.023	0.004	0.001	1	29.32	17	33	2	262	1.08
1044.382	4	075494	R.SRFDNYNR.R S[166.9984]FDI 2	-0.534	0.011	0.001	0	22.19	15	22	3	262	1.03
1595.674	15	075533	R.WDQTADQTF WDTADQTFG 2	1.461	9.80E-05	-9.00E-04	0	45.16	18	45	5	1304	-0.6
1026.469	5	075533	R.TMISPER.L TMIS[166.9984 2	-0.891	0.025	9.00E-04	0	20.64	17	21	6	1304	0.85
2041.842	9	075533	K.LSSWDAQET LSSWDAQET[1 3	0.345	0.015	0.003	0	23.8	18	70	8	1304	1.46
1881.873	8	075533	K.LLVDVDESTLS LLVDVDESTLS[1 2	0.972	3.70E-04	0.003	0	39.25	17	86	9	1304	1.55
2218.913	7	075533	R.WDETPASQW WDETPASQMG 2	-0.587	0.012	0.002	0	23.66	17	86	9	1304	1.11
2041.842	10	075533	K.LSSWDAQET LSSWDAQET[1 3	0.202	0.021	0.003	0	22.36	18	86	9	1304	1.46
2335.06	22	075564	R.EAEGGRPPAV EAEGGRPPAAT 3	-0.122	0.046	0.004	0	19.13	18	19	2	520	1.52
1120.456	7	075569	R.EDSGTSLGK EDS[166.9984] 2	-1.177	0.048	0.001	0	18.78	18	20	3	313	1.24
1983.906	15	075599	R.AEAPLERED AEAPLEREDS[ 2	-0.988	0.03	0.003	1	21.67	19	22	2	313	1.56
1677.737	11	075592	R.SKSDSYLDLP SKS[166.9984]C 2	0.8	5.20E-04	0.002	1	38.55	18	115	6	4640	1.36
1513.689	11	075592	R.VNSGDTEVGF VNS[166.9984] 2	2.159	1.30E-09	0.003	0	94.16	18	115	6	4640	1.73
1846.668	9	075643	R.EEASDDOME EAS[166.9984 3	0.512	0.01	0.002	0	23.46	16	78	4	2136	1.33
1301.601	7	075643	R.NSAFESLYQD NSAFESLYQDK 2	-0.53	0.01	0.002	0	25.24	18	78	3	2136	1.62
2593.167	26	075674	K.EATNTTSEPS EAATNTTSEPSAF 3	0.541	0.009	0.004	0	27.73	20	28	1	476	1.7
1841.847	8	075676	R.LEPVYSPGSGF LEPVYSPGSG[1 2	-0.651	0.015	0.003	0	24.04	18	24	2	772	1.6
1921.813	13	075676	R.LEPVYSPGSGF LEPVYSPGSG[1 2	0.973	3.30E-04	0.001	0	40.27	18	40	1	772	0.69
2138.887	23	075691	K.SLSDNGQPGT SLSDNGQPGT[1 2	0.951	3.20E-04	0.001	0	40.04	18	40	3	2785	0.57
1061.503	5	075694	K.AAPOSQSPVK AAPQSPS[166. 2	-0.678	0.015	8.00E-04	0	24.77	19	25	1	1391	0.77
2164.929	11	075815	R.QNSPVTQDG QNS[166.9984] 2	2.159	7.00E-07	0.002	0	66.89	18	74	2	825	1.06
1363.662	8	075815	R.TGSEPALSPA TGSSEPAL[166. 2	-0.552	0.011	0.002	0	26.03	19	74	2	825	1.39
1322.624	6	075822	K.VLTPEQLAD VLT[181.014]P[ 2	-0.68	0.016	0.002	0	22.73	17	23	1	258	1.5
2088.909	17	075907	R.TGSRPSSHGG T[181.014]GSR 3	0.623	0.007	7.00E-04	0	27.57	19	28	1	488	0.32
1919.9	9	076021	K.KATNESEDEIP KATNESEDEIP[166.998 2	1.824	4.50E-05	0.004	0	48.79	18	50	3	490	2.22
1919.9	11	076021	K.KATNESEDEIP KAT[181.014]NE 3	0.888	0.004	0.004	0	29.2	18	48	3	490	2.01
1823.72	17	076074	R.GHTESCSCPL GHTESC[160.0 2	-0.683	0.014	0.004	0	22.71	17	23	2	875	2.38
2234.905	16	076080	R.MSPMGTASC MSP[166.9984]P 3	0.501	0.009	0.006	0	25.35	18	25	1	213	2.8
1992.877	7	094761	R.GRRPQDDVJ GRRPS[166.998 3	1.239	0.002	5.00E-04	1	32.71	18	33	1	1208	0.27
1779.755	14	094761	R.RRPSQDDVEAJ RPS[166.9984]C 2	-0.883	0.022	0.001	0	22.71	19	39	2	1208	0.63
1705.722	12	094762	R.GEVPGGSAH GEVPGGSAHYC 2	-0.013	0.003	7.00E-04	0	30.42	18	54	3	991	1.04
2538.024	20	094762	K.YTGEEDGAGY YTGEEDGAGG[ 3	1.291	2.70E-04	0.003	0	42.19	19	54	3	991	1.47
3080.223	24	094763	R.SISCEATCS S[166.9984]C 3	1.224	0.002	0.003	0	34.3	19	50	5	535	1.06
1862.876	13	094763	R.KNKTSGSHGA KNS[166.9984] 3	0.492	0.01	5.00E-04	1	25.24	18	35	5	535	0.23
1734.781	13	094763	K.NKTSGSHGSA KNS[166.9984]T 3	0.412	0.014	0.002	0	23.44	17	35	5	535	1.07
3080.223	8	094763	R.SISCEATCS S[160.0307] 3	0.307	0.015	0.003	0	24.42	19	44	6	535	1.03
2223	8	094782	R.ASEIDQVPA ASEIDQVPA 2	0.571	7.60E-04	0.003	0	37.25	19	37	2	785	1.23
1410.604	12	094782	K.VESSEIPEPI VESSEI[166.9 2	1.37	1.20E-04	0.001	0	45.24	19	45	2	785	0.95
1592.706	12	094804	K.QVAEQGDL QVAEQGDL[ 2	2.159	6.00E-08	9.00E-04	0	76.91	17	112	3	968	0.55
1725.704	9	094804	K.ISEEAECNPI ISEEAEC[160.0 2	2.159	1.80E-05	0.001	0	53	18	112	3	968	0.76
2450.055	18	094826	R.ASPAPGSGH AS[166.9984]P 3	0.61	0.007	0.003	0	27.46	19	27	1	608	1.25
2491.054	12	094842	R.LSTTSPSTSS LSTTSP[166.998 3	-0.1	0.039	0.002	1	19.35	18	19	2	621	0.72
1255.572	9	094876	K.FGSAADNIPU FGSAADNIP[166.9984] 2	2.159	4.00E-06	0.002	0	59.97	19	60	1	653	1.42
1692.736	14	094887	K.DSSSLLTDPQ DSSS[166.998 2	-0.075	0.003	0.002	0	30.8	19	31	1	1054	1.06
1692.736	7	094887	K.DSSSLLTDPQ DSSS[166.9984 2	-1.092	0.035	0.002	0	20.63	19	21	1	1054	1.06
1201.492	7	094915	R.SNTLDMIDGF SNT[166.9984]NTI 2	0.042	0.003	0.002	0	29.97	17	30	2	3013	1.36
1201.492	7	094915	R.SNTLDMIDGF SNT[181.014]L 2	-0.638	0.013	0.002	0	23.2	17	44	2	3013	1.45
1090.439	6	094929	R.QGMSPTFSR QGMS[166.998 2	-0.439	0.009	0.001	0	24.16	16	24	2	683	1.18
1580.663	8	094929	R.ASSPGYIDSP ASS[166.9984] 2	-0.571	0.011	0.001	0	24.84	18	35	2	683	0.74
1580.663	10	094929	R.ASSPGYIDSP ASS[166.9984]S 2	0.413	0.001	0.001	0	34.71	18	44	2	683	0.74
2862.231	19	094979	K.DSDQVAQSDI DSDQVAQ[16 3	1.224	8.90E-05	0.001	0	46.35	18	56	2	1220	0.47
2862.231	17	094979	K.DSDQVAQSDI DSDQVAQSDG 3	0.696	0.006	0.004	0	28.3	19	56	2	1220	1.48
2139.921	16	094986	R.NVSPFVPCV NVS[166.9984] 3	2.119	0.023	0.002	0	21.53	18	22	2	1654	0.96
1596.654	7	095049	R.SSEPVQADES SSEPVQADESQ 2	0.953	3.90E-04	0.002	0	38.08	16	83	4	933	1.31
1666.696	14	095049	R.SPEASQTDSP S[166.9984]PE/ 2	0.711	6.50E-04	0.002	0	35.66	16	36	2	933	1.15
1154.473	5	095049	R.TISEPDEQR.S TIS[166.9984]E 2	-0.887	0.022	0.002	0	19.68	16	79	4	933	1.3
1324.549	15	095067	K.GPSPTEPDSI GPS[166.9984] 2	0.062	0.003	0.002	0	28.17	15	28	1	398	1.24
1389.547	7	095071	R.WLDGASFDN WLDGAS[166.9 2	0.1	0.002	0.002	0	30.55	17	31	4	2799	1.32
1962.731	14	095149	R.LAEDDWTGN LAEDDWTGME 2	1.206	2.10E-04	0.002	0	39.61	15	65	3	360	0.76
1535.575	8	095155	R.SQSMIDIGV S[166.9984] 2	2.159	7.50E-06	0.002	0	54.27	16	54	2	1302	1.14
2916.214	17	095155	R.SQSSSEGVSS S[166.9984]OS 3	0.213	0.022	0.002	0	21.48	17	66	3	1302	0.82
1719.759	9	095171	K.SSEGLDEHI SSEGLDEHINV 2	1.776	5.60E-05	0.002	0	49.31	19	172	6	688	1.21
1067.513	11	095171	R.GOSLDLNUK V GOS[166.9984] 2	0.438	0.001	0.001	0	36.93	20	172	6	688	1.09
1401.697	8	095171	R.NNQSQDLN NNQSQDLNLI 2	2.159	2.00E-05	0.002	0	53.48	19	172	6	688	1.13
1667.727	15	095171	R.RSEDLNATE RS[166.9984]E 2	1.6	7.50E-05	0.001	1	46.55	18	116	6	688	0.84
1079.55	7	095171	K.GIQSGSPIK GIQSGS[166.9 2	1.081	2.50E-04	9.00E-04	0	42.36	19	116	6	688	0.8
1151.425	8	095171	R.YSSDOLDR.Y YSS[166.9984]C 2	0.916	4.10E-04	0.001	0	36.69	15	154	5	688	1.19
793.408	3	095180	R.ATPLRR.A AT[181.014]PLI 2	-1.181									

3429.311	15	O95251	K.RNAGSSSDGT RNAGS[166.99] 3	0.374	0.014	0.004	1	22.09	16	66	2	611	1.24
1360.588	8	O95292	K.SLSSLLDDTEV SL[166.9984]S 2	0.876	4.20E-04	0.002	0	39.31	18	39	2	243	1.23
1360.588	7	O95292	K.SLSSLLDDTEV S[166.9984]SS 2	-0.005	0.003	0.001	0	29.48	17	55	2	243	0.71
1360.588	6	O95292	K.SLSSLLDDTEV SLS[166.9984] 2	1.138	2.30E-04	0.002	0	41.91	18	42	1	243	1.23
1710.693	9	O95297	R.DYTGCTSESI DYTCG[160.03] 2	1.028	3.20E-04	0.001	0	39.83	17	40	2	269	0.69
1218.54	7	O95297	K.SESVYVADR. SESVYV[243.02] 2	0.481	9.60E-04	0.002	0	36.34	19	73	4	269	1.41
1710.693	9	O95297	R.DYTGCTSESI DYTCG[160.03] 2	-0.885	0.026	0.002	0	20.68	17	21	2	269	1.21
1710.693	7	O95297	R.DYTGCTSESI DYTCG[160.03] 2	-0.032	0.004	0.002	0	29.22	17	57	4	269	1.21
2710.126	23	O95359	R.MSESPTPCSG MSES[166.998] 3	-0.136	0.048	0.003	0	18.96	18	32	2	2948	0.98
2460.121	19	O95359	K.LDNTPASPPR LDNTPAS[166.99] 3	1.097	0.003	0.002	1	30.29	17	32	2	2948	1.01
2710.126	14	O95359	R.MSESPTPCSG MS[166.9984]E 3	0.148	0.025	0.003	0	21.83	18	25	3	2948	0.98
2158.793	25	O95361	R.ETEEQSDSDA ETEEQSDS[166.99] 2	2.159	1.10E-05	0.001	0	53.2	16	139	6	564	0.57
2158.793	22	O95361	R.ETEEQSDSDA ETEEQSDS[166.99] 2	0.163	0.022	7.00E-04	0	19.95	16	139	6	564	0.33
3546.528	24	O95361	R.ATAQPPAPLS ATAQPPAPLS[166.99] 3	1.291	4.80E-04	0.004	0	38.9	18	139	6	564	1.07
3546.528	21	O95361	R.ATAQPPAPLS ATAQPPAPLS[166.99] 3	1.291	8.80E-04	0.004	0	36.29	18	139	6	564	1.07
3546.528	6	O95361	R.ATAQPPAPLS ATAQPPAPLS[166.99] 3	0.334	0.016	0.004	0	23.7	18	118	4	564	1.07
2158.793	7	O95361	R.ETEEQSDSDA ET[181.014]E[166.99] 2	2.024	2.00E-05	0.002	0	50.37	16	110	4	564	0.89
3546.528	19	O95361	R.ATAQPPAPLS ATAQPPAPLS[166.99] 3	1.174	0.002	0.004	0	32.1	18	78	3	564	1.07
3546.528	13	O95361	R.ATAQPPAPLS ATAQPPAPLS[166.99] 3	0.787	0.006	0.004	0	28.2	18	154	6	564	1.07
2410.067	9	O95365	R.GGAPDPSPG GGAPDPSPG[166.99] 2	0.522	9.90E-04	2.00E-04	0	35.77	18	31	1	584	0.09
2016.683	17	O95400	K.HSLDSEEDD HSLDS[166.998] 3	0.989	0.004	0.003	0	25.21	13	188	5	341	1.65
1504.631	13	O95425	K.FSSSIENSDDP FSSSIENS[166.9984] 2	1.189	2.10E-04	0.003	0	42.44	18	72	9	2214	2.04
1143.472	6	O95425	K.SFDEQNVPK I S[166.9984]FDI 2	-0.964	0.029	7.00E-04	0	20.91	18	72	9	2214	0.63
1925.832	10	O95425	K.YGSFEEAEAS YGS[166.9984] 2	0.443	0.001	0.003	0	34.98	18	72	9	2214	1.38
1429.636	8	O95425	R.DSSFTVEPRSF DSSFTVEPR[166.99] 2	-0.655	0.014	0.002	1	24	18	72	9	2214	1.55
1814.679	5	O95425	R.CTSHSETPTVI C[160.0307]TSI 2	-0.149	0.004	0.002	0	27.06	16	70	5	2214	0.97
1814.679	5	O95425	R.CTSHSETPTVI C[160.0307]TSI 2	-0.689	0.017	0.003	0	21.66	16	63	7	2214	1.86
1088.533	5	O95433	K.LDGEASINNR LDGEASINNR 2	-0.656	0.016	-2.00E-04	0	22.99	17	23	1	338	-0.23
1302.573	9	O95453	R.NNSFTAPSTV NNS[166.9984] 2	-0.039	0.003	0.001	0	31.16	19	31	2	639	1.02
1068.497	5	O95453	K.ELSPAGSISK I EL[166.9984]F 2	-0.839	0.021	0.001	0	23.16	19	42	2	639	1.26
1715.639	6	O95456	R.AGTEDEEEEE AGT[181.014]E 2	-0.819	0.022	0.004	1	20.36	16	20	2	288	2.07
2810.179	15	O95671	K.HDSIPAADTFI HDSIPAADTF[166.99] 3	0.425	0.011	0.004	0	24.57	18	25	2	621	1.5
2810.179	8	O95671	K.HDSIPAADTFI HDS[166.9984] 3	-0.011	0.031	0.004	0	20.24	18	20	1	621	1.5
2810.179	18	O95671	K.HDSIPAADTFI HDSIPAADTFEC 3	1.2	2.10E-04	0.004	0	41.96	18	42	2	621	1.5
2128.943	12	O95674	R.VAHEPVAPPE VAHEPVAPPED 2	0.407	0.001	0.002	1	35.62	19	46	2	445	0.76
2128.943	9	O95674	R.VAHEPVAPPE VAHEPVAPPED 2	0.074	0.002	0.002	1	32.32	19	41	2	445	0.76
2536.1	14	O95684	K.GPTTGGEGAL GPTTGGEGALD[166.99] 3	0.985	0.004	0.002	1	30.17	18	30	1	399	0.9
1624.75	7	O95785	K.SPQLSPPRPA SPQLS[166.99] 2	-1.055	0.038	0.002	0	19.99	18	20	3	1651	1.34
1865.759	8	O95793	K.VTFFEPGSGD VTFFEPG[166.99] 2	-0.013	0.003	0.003	0	31.42	19	31	2	577	1.64
2279.908	16	O95817	R.SQSPAAASDCS SQSPAAASDCS[166.9984] 3	-0.128	0.042	0	0	18.04	17	18	3	575	0.01
2279.908	18	O95817	R.SQSPAAASDCS SQS[166.9984] 3	-0.104	0.039	0	0	18.32	17	83	2	575	0.01
1993.884	19	O95819	R.RDSPPLQGGC RDS[166.9984] 3	1.224	4.70E-04	0.003	1	37.97	17	38	2	1239	1.58
1993.884	16	O95819	R.RDSPPLQGGC RDSPLQGS[166.99] 3	1.127	9.60E-04	0.003	1	34.86	17	35	3	1239	1.58
1686.758	7	O95819	R.AASSLNSNG AASSLNS[166.99] 2	-0.929	0.027	7.00E-04	0	21.24	18	42	4	1239	0.44
1299.548	7	O95835	R.SNSFNPLGN SNS[166.9984] 2	1.001	3.20E-04	6.00E-04	0	40.56	18	41	1	1130	0.44
1195.608	5	O95835	K.QITTSPTIVR K QITTS[166.998] 2	0.016	0.003	0.001	0	32.69	20	78	2	1130	1.15
875.45	6	O95972	R.LLGHSLR Y LLGH[166.998] 2	0.087	0.002	5.00E-04	0	30.42	17	30	1	392	0.62
1991.762	14	O95999	K.CSSCEPFDG C[160.0307]SSX 2	-0.036	0.003	0.003	0	28.19	16	40	2	233	1.65
1323.474	7	O95999	R.SNSDESNFSEI SNS[166.9984] 2	0.948	3.20E-04	0.002	0	35.01	13	35	1	233	1.73
1490.635	9	O96018	R.SPSGPPAMD I SPS[166.9984]C 2	-0.178	0.005	0.002	0	27.77	17	28	1	575	1.34
1490.635	11	O96018	R.SPSGPPAMD I SPS[166.9984]P 2	0.72	6.70E-04	0.002	0	36.74	17	37	1	575	1.34
1395.594	9	O96019	R.DDGSSTLMEID DDGSSTLMEIDG 2	2.057	3.00E-05	0.002	0	52.12	19	52	2	429	1.13
1766.712	10	O96028	R.IQDPTDEAEA IQDPTDEAEAET 2	2.172	5.10E-07	0.001	0	66.61	16	67	3	1365	0.78
1118.584	13	P00338	K.SADTLWGQK SADTLWGQK 2	-1.22	0.047	0.002	0	18.36	18	18	1	332	1.66
2194.018	16	P00519	K.GQGESDPLDH GQGESDPLDHE 3	-0.125	0.049	0.003	0	19.1	18	19	2	1130	1.42
2114.053	17	P00533	R.ELVEPLPSGE ELVEPLT[181.0] 3	-0.04	0.04	0.005	0	17.95	16	18	1	1210	2.23
1402.688	8	P01116	K.DSEDPVMVL DSEDPVMVLVG 2	0.786	5.60E-04	0.002	0	36.39	16	36	1	189	1.53
961.439	6	P02538	R.SLYGLGSK R S[166.9984]LYC 2	-1.148	0.039	8.00E-04	0	21.08	20	71	1	664	0.81
1646.717	12	P02545	R.SVGGSGGGS SVGGSGGGS[1] 2	2.159	7.50E-08	0.000	0	75.71	17	445	21	664	-0.21
1291.628	7	P02545	R.QNGDDPLTY QNGDDPLTYR 2	0.801	4.50E-04	0.002	0	38.56	18	445	21	664	1.24
1439.653	6	P02545	R.SGAQASSTPL SGAQASSTPLS[166.99] 2	0.507	0.001	0.002	0	35.62	18	473	23	664	1.46
1002.547	7	P02545	K.DLEALLNSK E DLEALLNSK 2	2.059	2.50E-05	0.002	0	54.14	21	473	23	664	2.03
1131.528	6	P02545	K.EDLQELNDR I EDLQELNDR 2	1.158	2.30E-04	3.00E-04	0	42.13	18	445	21	664	0.24
1439.653	17	P02545	R.SGAQASSTPL SGAQASST[181] 2	-0.425	0.008	1.00E-04	0	26.3	18	473	23	664	0.07
1646.717	9	P02545	R.SVGGSGGGS S[166.9984]VG 2	2.172	7.20E-06	0.002	0	56.69	18	444	24	664	1.37
1571.714	8	P02545	R.TALINSTGEEI TALINS[166.99] 2	-0.268	0.006	0.003	0	28.87	19	445	21	664	2.06
1173.53	7	P02545	R.SYLLGNSSPR SYLLGNSS[166.99] 2	1.421	1.10E-04	0.001	0	46.76	20	445	21	664	1.07
1439.653	9	P02545	R.SGAQASSTPL S[166.9984]GA 2	2.159	4.10E-07	0.002	0	69.6	18	445	21	664	1.39
1374.628	6	P02545	R.AQHEDQVEQ AQHEDQVEQY 3	0.474	0.011	0.002	0	26.06	19	445	21	664	1.45
1616.641	10	P02545	K.SNEDQSMGN SNEQDS[166.99] 2	2.025	2.90E-05	0.002	0	49.8	17	445	21	664	1.4
1616.641	6	P02545	K.SNEDQSMGN S[166.9984]NEI 2	2.072	2.60E-05	0.003	0	50.27	17	445	21	664	1.71
1401.629	7	P02545	R.LRSPSPSOR LRLS[166.9984] 2	0.329	0.001	0.003	1	33.84	18	445	21	664	2.22
1173.53	6	P02545	R.SYLLGNSSPR SYLLGNSS[166.99] 2	0.39	0.001	0.001	0	36.45	20	381	19	664	1.07
1103.477	6	P02545	K.NIYSELR E NIYS[166.9984] 2	-0.867	0.023	0.001	0	23.88	20	381	19	664	1.15
1203.574	9	P02545	R.VAVEEVDEEC VAVEEVDEEGK 2	1.944	8.30E-07	0.001	0	65.53	17	458	23	664	0.89
1401.629	6	P02545	R.LRSPSPSOR LRLS[166.9984] 2	-0.326	0.007	0.003	1	27.28	18	414	24	664	2.22
1052.477	6	P02545	R.LRSPSPSOR S LSPS[166.9984] 2	-1.034	0.035	0.002	0	20.19	18	444	24	664	1.52
1321.662	8	P02545	R.LRSPSPSOR LRLS[166.9984] 2	-0.894	0.023	0.002	1	21.61	18	458	23	664	1.31
1028.573	7	P02545	R.LADALQELR LADALQELR 2	2.084	6.90E-06	0.001	0	58.14	19	427	24	664	1.21
910.464	10	P02545	R.LQLELSK V LQLELS[166.99] 2	-1.015	0.035	7.00E-04	0	22.28	20	449	20	664	0.78
1321.662	4	P02545	R.LRSPSPSOR LRLS[166.9984] 2	-1.008	0.03	0.002	1	20.48	18	427	24	664	1.31
1089.553	7	P02545	R.SLETENAGLR SLETENAGLR 2	-0.737	0.016	6.00E-04	0	24.18	19	473	23	664	0.51
1052.477	7	P02545	R.LRSPSPSOR S LSPS[166.99] 2	-0.666	0.015	0.002	0	23.88	18	414	24	664	1.52
1752.862	7	P02545	R.NSNLVGAAHI NSNLVGAHEE 3	0.246	0.019	0.001	0	21.81	17	346	19	664	0.68
1165.548	7	P02545	K.AAYEAELGD AAYEAELGDAR 2	0.285	0.002	0.001	0	34.41	19	427	24	664	0.9
1148.579	8	P02545	R.ITESEVVSRI ITESEVVSRI 2	1.469	1.10E-04	7.00E-04	0	44.24	17	458	23	664	0.57
3312.33	23	P0268											

1264.617	8	P05198	K.DEQLESFQR.DEQLESFQR	2	1.81	4.90E-05	0.002	0	48.65	18	49	1	315	1.43
1866.718	12	P05198	R.ENAEVDDG.DENAEVDDGDV	2	1.688	6.70E-05	1.00E-04	0	45.43	16	79	2	315	1.03
1256.684	8	P05387	K.NIEDVIAQIC.NIEDVIAQIGIK	2	0.137	0.002	0.002	0	31.25	17	31	1	115	1.69
1551.767	12	P05412	K.NSDLLTSPDV.NSDLLT[181.01	2	2.159	1.10E-06	0.004	0	64.98	18	65	2	331	2.53
1551.767	14	P05412	K.NSDLLTSPDV.NSDLLT[166.9	2	2.024	1.60E-06	0.004	0	63.37	18	63	1	331	2.53
1316.669	16	P05455	K.HEDQEQSLNK.HEDQEQSLNK	2	0.872	4.30E-04	0.001	0	39.25	18	117	3	408	1.06
1114.56	10	P05455	K.DANNGLQL.DANNGLQLQR	2	0.696	5.80E-04	0.001	0	35.51	16	99	4	408	0.96
2249.862	11	P05455	K.FASDDHDF.FAS[166.9984]	2	2.127	7.90E-08	1.00E-04	0	74.24	16	98	2	408	0.05
1267.639	4	P05783	R.OSVENDHGL.OSVENDHGLR	3	-0.153	0.043	8.00E-04	0	18.8	18	26	3	430	0.61
1046.548	7	P05783	K.VIDDTNTR.L.VIDDTNTR	2	-1.068	0.033	8.00E-04	0	20.87	19	47	3	430	0.8
1319.67	7	P05783	R.AQIFANTVDA.AQIFANTVDNA	2	0.547	8.30E-04	0.002	0	36.02	18	67	4	430	1.57
1093.494	8	P05783,Q9276	K.ETMQSLNDR.ETMQSLNDR	2	-0.458	0.009	-2.00E-04	0	26.97	19	27			-0.21
1137.579	15	P05787	K.YEELQSLAG.YEELQSLAGK	2	2.119	4.20E-06	0.001	0	60.61	19	224	16	483	1.06
1344.675	12	P05787	R.ASLEAAIADA.ASLEAAIADAEC	2	1.102	2.40E-04	0.002	0	42.57	19	230	15	483	1.46
950.398	7	P05787	R.ISSSFSR.V.ISSS[166.9984]	2	0.383	0.001	0.001	0	36.36	20	216	14	483	1.28
1000.567	5	P05787	R.LQAEIEGLK.G.LQAEIEGLK	2	0.276	0.002	6.00E-04	0	32.31	17	230	15	483	0.6
1079.537	5	P05787	R.QLYEEIE.R.QLYEEIE	2	0.195	0.002	0.001	0	33.5	19	230	15	483	1
950.398	6	P05787	R.ISSSFSR.V.ISS[166.9984]S	2	-0.365	0.007	7.00E-04	0	27.9	19	230	15	483	0.75
1253.602	7	P05787	K.LVSESSDVLK.LV[166.9984]E	2	0.194	0.002	0.002	0	33.49	19	230	15	483	1.39
1424.642	8	P05787	R.ASLEAAIADA.AS[166.9984]L	2	0.708	6.20E-04	0.002	0	38.63	19	161	11	483	1.29
1045.552	5	P05787	R.QLETGLQEK.L.QLETGLQEK	2	-0.8	0.018	7.00E-04	0	23.53	19	253	13	483	0.67
1169.551	6	P05787	R.AEAESMYQIK.AEAESMYQIK	2	0.317	0.002	0.002	0	32.7	17	253	13	483	1.66
1084.462	9	P05787	K.DVDEAYMKN.DVDEAYMKN	2	-0.921	0.027	7.00E-04	0	17.32	14	108	11	483	0.62
1173.636	9	P05787	K.LVSESSDVLK.LVSESSDVLK	2	-0.099	0.004	0.001	0	29.56	18	224	16	483	1.08
1555.664	9	P05787	R.LESGMQNM.LESGMQNM[1	2	-0.854	0.022	0.003	0	22.01	18	161	11	483	2.18
1079.512	7	P05787,Q9567	K.AQYEDIANR.AQYEDIANR	2	-0.255	0.005	9.00E-04	0	27.98	18	216			2.85
907.396	6	P05787,Q9567	K.FASFDK.V.FAS[166.9984]I	2	0.917	3.40E-04	0.001	0	38.72	17	230			1.32
827.43	5	P05787,Q9567	K.FASFDK.V.FASFDK	2	-0.557	0.011	0.001	0	23.58	17	230			1.36
1153.556	6	P05787,P0253E	K.EYQELMNVK.EYQELMNVK	2	-0.186	0.004	0.001	0	26.69	16	230			1.08
1303.557	7	P06241,P0623E	R.LIEDNEYAR.LIEDNEY[243.0	2	0.643	6.60E-04	0.002	0	36.97	18	37			1.27
883.407	5	P06400	K.FPSSPLR.I.FPSS[166.9984]	2	0.066	0.003	1.00E-04	0	30.21	17	68	7	928	0.08
1204.609	11	P06400	K.TAVIRINGR.TAVIRINGR[166	2	0.038	0.003	0.002	0	31.93	19	78	10	928	1.29
1995.553	10	P06400	K.SNLDEEVNWI.SNLDEEVNVI	3	0.669	0.007	0.003	0	27.01	18	78	10	928	1.49
1687.753	6	P06400	K.ISEGLPTTKV.ISEGLPT[181.01	3	0.028	0.034	0.002	1	20.65	18	50	7	928	1.5
1687.753	11	P06400	K.ISEGLPTTKV.ISEGLPT[181.01	3	0.164	0.025	0.002	1	21.96	18	78	10	928	1.5
883.407	5	P06400	K.FPSSPLR.I.FPSS[166.9984]S	2	0.342	0.002	7.00E-04	0	32.97	17	63	7	928	0.76
2074.944	19	P06400	K.LTQTDSDISE.LTQTDSDISFET	3	0.055	0.029	0.002	1	20.88	18	49	6	928	1.16
1131.528	9	P06454	K.EVVEEAENG.EVVEEAENGR	2	-0.798	0.018	0.002	0	22.57	18	23	3	111	1.83
1345.548	6	P06493,P2494	K.IGEGTYGVVY.IGEGTY[181.014	2	0.332	0.001	0.002	0	32.87	17	78			1.66
1265.581	8	P06493,P2494	K.IGEGTYGVVY.IGEGTY[181.014	2	1.735	6.10E-05	0.002	0	46.9	17	57			1.31
1265.581	5	P06493,P2494	K.IGEGTYGVVY.IGEGTY[243.02	2	-0.217	0.006	0.002	0	27.38	17	57			1.15
1960.925	25	P06733	K.DATNVGDEG.DATNVGDEGG	3	1.291	9.70E-04	0.004	0	36.35	19	79	8	434	1.91
1280.586	12	P06733	K.LMIEMDGETE.LMIEMDGETEN	2	-0.751	0.017	0.001	0	23.04	18	94	6	434	1.04
801.472	5	P06733	K.EGLELLK.T.EGLELLK	2	-0.384	0.008	9.00E-04	0	25.71	17	94	6	434	1.1
1425.726	7	P06733	R.YISPDQLADLY.YISPDQLADLYK	2	-0.879	0.024	0.004	0	19.74	16	99	6	434	1.76
1568.73	8	P06748	K.VDNDEHQ.VDNDEHQ[LS	2	2.159	1.90E-05	0.002	0	52.85	18	58	3	294	1.26
1316.644	8	P06753	K.AADAEAEVA.AADAEAEVASL	2	1.011	2.80E-04	-2.00E-04	0	39.66	17	40	2	284	-0.18
1694.896	12	P07195	K.LIAPVAEEAT.LIAPVAEEATV	2	1.295	1.40E-04	0.002	0	41.5	16	42	1	334	1.42
1213.537	7	P07237	K.NFEDVAFDEK.NFEDVAFDEK	2	0.954	3.50E-04	0.002	0	38.09	16	45	3	508	1.44
1451.701	6	P07237	K.YKPESELTAE.YKPESELTAE	3	0.272	0.016	8.00E-04	0	24.04	19	45	3	508	0.54
1037.49	5	P07237	R.NNFEGEVTK.NNFEGEVTK	2	-0.934	0.027	-8.00E-04	0	19.19	16	39	3	508	-0.78
1038.558	6	P07237	K.DHENIVIAK.DHENIVIAK	2	-0.37	0.007	6.00E-04	0	27.84	19	52	3	508	0.57
1787.812	6	P07339	R.DPDAQPGE.DPDAQPGE[LS	2	0.021	0.003	0.002	0	31.76	19	32	1	412	0.94
1908.882	9	P07355	R.AEDGSVIDY.AEDGSVIDY[LI	2	2.159	7.90E-06	0.002	0	56.54	18	220	13	339	0.98
1111.553	8	P07355	R.QDIAFAYOR.QDIAFAYOR	2	0.222	0.002	0.002	0	32.77	18	220	13	339	2.1
2064.983	17	P07355	R.RAEDGSVIDY.RAEDGSVIDY[LI	2	1.393	2.50E-05	0.002	1	50.82	17	308	12	339	0.76
1244.623	14	P07355,A6NM	R.TNQLQEINR.TNQLQEINR	2	1.521	1.00E-04	0.002	0	46.76	19	220			1.91
1096.498	5	P07355,A6NM	K.ALLYLCGGDD.ALLYLC[160.03]	2	1.262	1.70E-04	0.002	0	40.17	15	220			1.52
1087.599	8	P07355,A6NM	R.DALNIETAIK.DALNIETAIK	2	2.048	2.50E-05	0.001	0	53.03	20	220			1.07
1924.869	7	P07355,A6NM	K.LSLEGDHSTP.LSLEGDHST[18	2	1.077	2.50E-04	0.003	0	42.32	19	260			1.51
1225.57	8	P07355,A6NM	K.DISDTSQDGR.DISDTSQDGR	2	2.159	5.00E-06	0.001	0	57.84	17	220			1.04
1924.869	15	P07355,A6NM	K.LSLEGDHSTP.LSLEGDHSTPPS	3	-0.112	0.041	0.003	0	20.22	19	242			1.66
1924.869	16	P07355,A6NM	K.LSLEGDHSTP.LSLEGDHSTPPS	3	0.133	0.002	8.00E-04	0	32.88	19	149			0.41
1086.485	7	P07355,A6NM	K.AYTNFDAER.AYTNFDAER	2	-1.115	0.039	4.00E-04	0	19.4	18	260			0.33
1736.775	7	P07550	R.FHVQNLQVE.FHVQNL[166.5	2	-0.658	0.014	0.002	0	24.95	19	25	2	413	1.16
1213.612	5	P07737	K.DSPSVWAAV.DSPSVWAAVPC	2	-0.039	0.004	0.001	0	29.16	17	29	1	140	1.18
1587.736	11	P07814	K.NQGGGLSSC.NQGGGLSSGA	2	2.159	2.90E-06	0.002	0	61.52	19	114	6	1512	1.03
1215.944	11	P07814	K.EYIPQPPLSC.EYIPQPPLSQS	2	1.232	1.70E-04	0.002	0	44.87	20	114	6	1512	0.82
1215.944	10	P07814	K.EYIPQPPLSC.EYIPQPPLSQS	2	1.761	5.10E-05	0.002	0	50.16	20	89	4	1512	0.82
2205.91	8	P07814	K.EYIPQPPLSC.EYIPQPPLSQS	2	-0.518	0.011	0.003	0	26.35	19	105	4	1512	1.33
2205.91	9	P07814	K.EYIPQPPLSC.EYIPQPPLSQS	2	-0.13	0.004	0.003	0	30.25	19	114	6	1512	1.33
1188.502	6	P07900	R.DNSTMGYMI.DNSTMGYMAA	2	-0.05	0.004	0.001	0	29.05	17	393	17	732	0.89
2400.981	17	P07900	K.ESEDKPEIDV.ESEDKPEIDVG	2	0.664	6.90E-04	6.00E-04	1	36.19	17	325	19	732	0.24
2192.92	13	P07900	K.ESEDKPEIDV.ESEDKPEIDVG	2	2.159	1.10E-06	0.001	0	64.83	18	393	17	732	0.48
2272.886	18	P07900	K.ESEDKPEIDV.ESEDKPEIDVG	2	2.159	1.40E-05	0.002	0	53	17	393	17	732	1.11
1235.601	7	P07900	K.DQVANSFV.DQVANSFV	2	1.482	1.10E-04	0.001	0	44.37	17	393	17	732	0.9
1833.781	20	P07900	R.NPDDITNEE.NPDDITNEEYGI	2	1.944	3.80E-07	0.001	0	69.51	18	318	16	732	0.74
2400.981	6	P07900	K.ESEDKPEIDV.ES[166.9984]E	4	0.451	0.011	0.002	1	24.12	17	304	15	732	0.74
1242.705	7	P07900,P0823E	K.ADUNLNGTIA.ADUNLNGTIAK	2	2.159	1.00E-05	0.002	0	55.16	18	393			1.21
1416.638	15	P07900,P0823E	K.EGLELPEDEF.EGLELPEDEEEK	2	-0.964	0.031	0.002	0	21.91	19	325			1.47
1291.638	7	P07900,Q1456I	R.EUSNSSDALD.EUSNSSDALDK	2	1.466	1.10E-04	0.001	0	45.21	18	304			1.11
2778.968	18	P07910	K.MESEGGADD.MESEGGADD[3	3	1.291	7.50E-07	9.00E-04	0	63.28	15	91	3	306	0.33
2019.657	12	P07910	K.EAEEGEDDR.EAEEGEDDRD	3	0.638	0.007	0.005	1	22.74	14	59	3	306	2.59
1159.612	8	P07910,Q6081	K.VDSLLENLEK.VDSLLENLEK	2	-0.673	0.015	0.002	0	23.81	18	84			1.32
1243.509	8	P07948	K.DSLSDGDV.DSL[166.9984]	2	1.333	1.40E-04	0.001	0	41.88	16	82	3	512	1.07
1428.625	16	P07948	K.GKDSLSDGV.GKDSL[166.9984]	2	1.824	5.00E-05	0.002	1	48.79	18	82			

1752.624	13	P08559,P2980	R.YHGHSMDP YHGHS[166.99] 3	0.049	0.031	0.002	0	18.85	16	85				0.97
1980.826	10	P08581	R.SVSPPTMVS SVS[166.9984]F 2	2.159	6.30E-07	5.00E-04	0	67.85	18	68	1		1390	0.24
1980.826	12	P08581	R.SVSPPTMVS SVS[166.9984]V 2	2.025	6.40E-07	5.00E-04	0	67.77	18	68	2		1390	0.24
1659.732	9	P08621	R.GGGGGQDN GGGGGQDNGL 2	2.159	1.20E-06	0.002	0	63.86	17	138	5		437	1
1739.698	11	P08621	R.GGGGGQDN GGGGGQDNGL 2	2.159	3.40E-06	3.00E-04	0	58.18	16	138	5		437	0.19
1600.727	6	P08621	R.YDERPSPPLU YDERPSPS[166.2	-1.094	0.039	0.002	0	19.61	18	138	5		437	1.09
3453.358	13	P08621	R.GGGGDMAEI GGGGDMAEPS 3	0.685	0.007	0.003	0	25.17	16	138	5		437	0.89
1495.621	5	P08651	K.SPFNSPQD S[166.9984]PF 2	-0.871	0.021	-0.002	0	21.84	18	35	2		508	-1.41
1495.621	8	P08651	K.SPFNSPQD S[166.9984]PF 2	-0.075	0.003	0.002	0	30.3	17	35	2		508	1.47
1729.714	9	P08651	R.NWTTEDMEG NWTTEDMEGGI 2	0.51	9.60E-04	0.003	0	36.65	19	63	3		508	1.92
1508.678	8	P08670	R.SLYASSPGGV SLYASS[166.99] 2	2.159	1.20E-05	0.001	0	53.47	17	98	9		466	0.87
1076.504	6	P08670	R.DNLAEIDMR DNLAEIDMR 2	0.849	4.90E-04	0.002	0	36.04	15	80	8		466	1.44
1836.799	11	P08670	R.DGQVINETSC DGQVINETSQH 2	0.43	0.001	0	0	36.85	20	96	9		466	0.01
1916.766	8	P08670	R.DGQVINETSC DGQVINETS[16.2	-0.377	0.008	0.002	0	27.78	19	144	10		466	0.78
1916.766	13	P08670	R.DGQVINETSC DGQVINETS[181.2	-0.578	0.012	0.002	0	25.75	19	105	8		466	0.78
1323.618	7	P08670	R.EEAENTLQSF EEAENTLQSF 2	-0.403	0.007	0.002	0	25.53	17	100	9		466	1.58
1115.569	11	P08670,P1766	K.VELQELNDR.F VELQELNDR 2	0.429	0.001	8.00E-04	0	34.84	18	98			0.71	
1389.686	10	P08727	K.AALEDTLAET AALEDTLAET# 2	2.119	3.40E-07	0.002	0	69.48	17	008	10		400	1.17
1082.49	7	P08727	K.DAEAWFTSR DAEAWFTSR 2	1.197	2.00E-04	0.001	0	40.52	16	251	8		400	1.26
1634.717	14	P08727	R.QSSATSFQGG QSSATSF[166.9	2.159	1.90E-06	0.002	0	63	18	251	8		400	1.27
1554.751	10	P08727	R.QSSATSFQGG QSSATSFQGLC 2	2.159	7.00E-06	0.002	0	57.08	18	251	8		400	1.55
1354.606	8	P08727	R.SQYEVMAEQ SQYEVMAEQNI 2	2.159	7.10E-06	0.001	0	58.37	19	251	8		400	1.07
1634.717	14	P08727	R.QSSATSFQGG QSSATSFQGLC 2	2.159	1.50E-06	0.002	0	64.13	18	251	8		400	1.39
1634.717	13	P08727	R.QSSATSFQGG QSS[166.9984] 2	2.119	1.50E-06	0.003	0	64.56	19	403	10		400	1.82
1984.865	10	P08727	R.SLLEGQEDHY SLLEGQEDHYNI 3	-0.044	0.038	0.002	0	19.91	18	208	9		400	0.89
1634.717	10	P08727	R.QSSATSFQGG QSSATSF[166.99	2.274	2.50E-06	0.002	0	61.78	18	208	9		400	1.27
850.457	9	P08727	R.FGPGVAFR.A FGPGVAFR 2	1.324	1.30E-04	7.00E-04	0	38.8	13	341	11		400	0.81
1041.605	8	P08727,P0578	R.IVLQIDNAR.L IVLQIDNAR 2	-0.371	0.008	0.001	0	24.84	16	171			1.15	
1201.606	9	P08729	K.LEAAIAEAEF LEAAIAEAEER 2	2.159	6.70E-06	8.00E-04	0	57.29	18	165	7		469	0.63
1197.546	8	P08729	R.SMQDVFDF SMQDVFDFK 2	2.159	2.00E-05	0.002	0	51.9	17	165	7		469	1.32
1186.606	8	P08729	K.QEELEAALQR QEELEAALQR 2	1.872	4.50E-05	0.001	0	49.27	18	165	7		469	0.93
1043.573	11	P08729	R.LQAEIDNIKN LQAEIDNIK 2	0.032	0.003	7.00E-04	0	29.87	17	165	7		469	0.65
992.447	6	P08729	R.NEISEMNR.A NEISEMNR 2	-1.142	0.041	0.001	0	19.13	18	149	6		469	1.18
1184.546	9	P08729	R.SAYGPGVAVS[166.9984]AV 2	0.029	0.003	0.001	0	31.82	19	118	6		469	1.13
1118.54	5	P08758	K.ALLLCCGEDD ALLLCC[160.03] 2	-0.969	0.032	0.002	0	19.86	17	31	2		320	1.62
831.446	5	P09525	R.DUDDLK.S DUDDLK 2	-0.104	0.004	0.001	0	28.51	17	29	2		319	1.55
1774.666	12	P09651	R.NQGGYGGSS NQGGYGGSSSS 2	2.159	8.40E-06	0.003	0	53.04	15	185	6		372	1.79
1694.7	11	P09651	R.NQGGYGGSS NQGGYGGSSSS 2	2.119	5.40E-10	0.004	0	97.24	17	213	6		372	2.07
1774.666	12	P09651	R.NQGGYGGSS NQGGYGGSSSS 2	0.914	4.20E-04	-7.00E-04	0	36.69	15	213	6		372	-0.41
1379.62	8	P09651	K.SESPKEPQLF SES[166.9984]F 2	-0.567	0.011	0.003	1	25.88	19	185	6		372	1.88
1774.666	11	P09651	R.NQGGYGGSS NQGGYGGSSSS 2	2.274	1.60E-05	0.003	0	50.45	15	173	4		372	1.68
1774.666	7	P09651	R.NQGGYGGSS NQGGYGGSSSS 2	0.892	4.40E-04	-7.00E-04	0	36.45	15	198	7		372	-0.41
1049.457	10	P09651,Q32P5	R.DYFEQYK.I DYFEQYK 2	-0.088	0.004	0.001	0	26.67	15	185			0.91	
1206.54	6	P09661	K.GGSPGQDVE/GGSP[166.9984] 2	-1.011	0.029	0.002	0	21.44	19	21	1		255	1.66
1265.601	10	P09972	R.DNAGAATEE DNAGAATEEF 2	-0.319	0.007	0.002	0	27.36	18	27	1		364	1.27
1993.913	12	POC126	R.RTPAPPPEGS RTPAPPPEGS[1 3	0.813	0.006	0.002	1	27.45	17	27	2		253	0.89
1279.594	6	POC263	K.LTDFGHTPR LDFGHT[181.C 2	-0.914	0.025	-0.003	0	20.41	17	20	1		348	-2.12
1549.662	12	P10075	R.SPGSQAPDEC S[166.9984]PG 2	1.789	4.70E-05	0.002	0	47.44	17	47	1		376	1.53
1817.732	11	P10244	K.EEENSEELAV EEENSEELAV 2	-0.388	0.008	0.004	0	25.65	17	26	1		700	2.16
3751.537	17	P10588	R.AAEDDSASPP AAEDDSASPPG 3	1.224	6.60E-04	0.007	0	36.69	17	37	2		404	1.99
3751.537	23	P10588	R.AAEDDSASPP AAEDDSAS[166.3	1.193	0.002	0.007	0	31.92	17	32	1		404	1.99
2056.959	16	P10644	R.TDSREDEISPP TDSREDEIS[166.3	1.048	0.003	0.003	1	30.8	18	59	3		381	1.57
1597.751	11	P10644	R.EDEISPPPPNF EDEIS[166.9984] 2	0.625	8.20E-04	0.002	0	37.8	19	59	3		381	1.18
1424.682	14	P10809	R.TVIIQSWGSI TVIIQSWGSI[1 2	1.756	5.70E-05	0.002	0	48.11	18	48	1		573	1.47
1215.658	13	P10809	K.NAGVEGSLIV NAGVEGSLIVE# 2	0.421	0.001	0.001	0	35.75	19	67	2		573	0.88
912.588	6	P10809	K.VGLQVAVK.V GLQVAVK 2	0.456	9.70E-04	0.001	0	38.11	13	53	2		573	1.22
1430.691	9	P11021	R.TWINDPSVQC TWINDPSVQQD 2	0.61	7.70E-04	5.00E-04	0	36.65	20	73	3		654	0.32
1559.721	10	P11137	R.VDHGAIEITQ VDHGAIEITQS[ 3	1.291	5.90E-04	0.002	0	37.83	18	96	7		1827	1.05
1953.942	10	P11137	K.KETSPRESSLIQ KETSPRESS[166.1 3	0.058	0.031	0.004	1	20.92	18	105	9		1827	1.79
1825.847	6	P11137	K.KETSPRESSLIQ KETSPRESS[166.1 3	-0.367	0.008	0.003	0	28.88	20	96	7		1827	1.4
1649.795	22	P11142	K.NQVAMNPTA NQVAMNPTNT 2	2.159	7.90E-06	0.002	0	57.4	19	184	6		646	1.53
1199.674	10	P11142	K.DAGTIAGLV DAGTIAGLVLI 2	1.371	1.40E-04	0.002	0	44.26	18	184	6		646	1.87
1228.628	10	P11142,P0810	R.VEHANDQGN VEHANDQGNR 2	2.127	5.30E-06	0.002	0	56.44	16	123			1.21	
1487.701	7	P11142,P0810	R.TTSPYVAFD TTSPYVAFDTE 2	1.446	1.20E-04	0.002	0	45.01	18	184			1.7	
1659.895	8	P11142,P11021	R.IINEPTAAAIA IINEPTAAAIAV 2	1.954	2.50E-04	0.004	0	39.09	16	205			2.25	
1691.726	12	P11142,P5465	K.STAGDTHLGC STAGDTHLGGE 2	1.016	4.10E-05	0.004	0	50.71	19	184			2.37	
1719.763	7	P11166	K.TPEELFPLG/TPEELFPLGLAD 2	-0.781	0.017	0.002	0	24.72	20	25	1		492	0.96
2347.024	15	P11274	R.HQDGLPYIDD HQDGLPYIDDS[ 3	0.998	0.004	0.003	0	30.3	18	30	2		1271	1.19
2347.024	15	P11274	R.HQDGLPYIDD HQDGLPYIDDS[ 3	0.517	0.011	0.003	0	25.51	18	26	2		1271	1.19
1283.567	6	P11387	K.ENGFSSPQIH ENGFSS[166.99 2	-0.919	0.025	8.00E-04	0	20.36	17	20	4		765	0.59
1742.628	20	P11388	K.VPDEEENES VPDEEENES[1 2	2.159	1.50E-07	0.004	0	71.03	15	345	14		1531	2.19
1356.593	12	P11388	K.SVVSLEADD SVVS[166.9984] 2	2.172	2.20E-06	0.002	0	61.95	18	335	12		1531	1.31
1308.602	7	P11388	K.TQMAEVLPS/TQMAEVLPS[1 2	2.178	2.60E-04	0.002	0	42.31	19	335	12		1531	1.11
1124.897	12	P11388	K.NENTEGSPQI NENTEGSPQ[166.1 2	1.059	1.40E-07	0.002	0	74.23	18	345	14		1531	0.97
2044.931	11	P11388	K.NENTEGSPQI NENTEGSPQ[166.1 2	0.819	5.10E-04	0.001	0	38.74	18	345	14		1531	0.58
1356.593	13	P11388	K.SVVSLEADD S[166.9984]V# 2	1.796	4.90E-05	0.002	0	48.51	18	296	11		1531	1.45
1699.673	13	P11388	K.TDDEDVPSD T[181.014]DDE 2	-0.662	0.015	0.002	0	23.96	18	315	12		1531	0.9
1454.525	6	P11388	K.YLLESEDDLI YLEES[166.9984] 2	-0.052	0.004	0.002	0	26.06	14	315	12		1531	1.75
1807.788	13	P11413	R.NSVYAGQYDI NSVYAGQYDD# 2	1.847	4.10E-05	0.003	0	49.01	18	49	1		515	1.46
2143.991	13	P11474	K.GSSETETEPPI GSS[166.9984] 2	1.39	1.40E-04	0.002	0	44.45	18	44	1		423	0.79
2143.991	21	P11474	K.GSSETETEPPI GSETET[181.014 2	1.126	2.60E-04	0.002	0	41.8	18	42	1		423	0.79
2143.991	9	P11474	K.GSSETETEPPI GSETET[181.0 3	-0.054	0.039	0.002	0	19.82	18	41	2		423	1.02
2143.991	9	P11474	K.GSSETETEPPI GSS[166.9984]S 2	-1.004	0.035	0.002	0	20.51	18	21	1		423	0.79
1161.502	5	P11940,Q9H36	K.NLDDGIDDER NLDDGIDDER 2	-0.027	0.004	8.00E-04	0	28.28	16	28			0.66	
1104.41	10	P12268	R.GMGSIDAMI GMGS[166.998 2	1.9	3.70E-05	0.001	0	44.55	13	45	2		514	1.08
2566.032	13	P1												

3041.132	20	P14314	R.VNDGVDCDC VNDGVC[160.0] 3	1.224	8.10E-05	0.002	0	44.64	16	45	1	528	0.64
1019.516	12	P14618	K.GDYPLEAVR.I GDYPLEAVR 2	1.154	2.50E-04	6.00E-04	0	41.09	17	139	6	531	0.57
1197.647	6	P14618	R.LDIDSPITAR LDIDSPITAR 2	0.479	0.001	0.002	0	32.34	15	116	7	531	1.36
1277.614	8	P14618	R.LDIDSPITAR LDIDSPITAR[166.998] 2	1.251	1.80E-04	0.002	0	42.06	17	139	6	531	1.34
1359.705	9	P14618	R.NTGICTGPA NTGICTGPA[160.03] 2	0.117	0.003	0.002	0	29.72	16	139	6	531	1.32
1636.891	17	P14618	K.GVNLPGAAVI GVNLPGAAVD 2	2.01	3.20E-05	0.002	0	46.65	14	139	6	531	0.94
1197.582	5	P14618	K.ITLDNAYMEK ITLDNAYMEK 2	-0.083	0.004	0.002	0	29.72	18	139	6	531	1.36
1642.771	9	P14618	K.DPVQEAWEA DPVQEAWEAD 2	2.274	8.90E-09	0.003	0	87.29	19	138	5	531	1.99
840.53	7	P14618	R.APIAVTR.N APIAVTR 2	1.144	2.10E-04	9.00E-04	0	38	14	20	8	531	1.01
1141.61	9	P14618,P30613	R.GDLGIEPAEK GDGIEPAEK 2	-0.23	0.006	0.002	0	26.25	16	116	6	531	1.31
1946.691	11	P14625	K.EESDDEAAVE EES[166.9984] 2	2.159	5.90E-07	0.002	0	63.42	14	133	4	803	0.89
2332.871	17	P14625	K.EEKESDDEA EEKES[166.99] 3	1.291	6.80E-04	0.003	1	34.58	15	133	4	803	1.25
1508.699	6	P14859	R.INPPSSGGTS: INPPSSGGTSS[1] 2	-0.086	0.004	0.002	0	30.69	19	31	1	743	1.12
1508.699	9	P14859	R.INPPSSGGTS: INPPSSGGTSS[2] 2	-0.2	0.005	0.002	0	29.53	19	30	1	743	1.12
2981.203	28	P14866	K.TDNAGDQHG TDNAGDQHG 3	1.291	1.60E-06	0.004	0	63.17	18	76	3	589	1.48
2734.161	20	P14866	K.NDQDTWDYI NDQDTWDYTN 3	0.964	0.004	0.004	0	30.96	19	76	3	589	1.47
2144.812	9	P14921	K.LGGQDSFESIE LGGQDS[166.9] 2	2.119	4.70E-07	0.001	0	66.11	15	66	2	441	0.59
2253.977	14	P15056	R.ROSSDDWEIF RDS[166.9984] 3	0.14	0.022	0.004	1	23.75	20	24	1	766	1.55
1096.534	5	P15311	K.DNAMLEYLK DNAMLEYLK 2	-0.52	0.009	0.001	0	23.33	16	23	1	586	1.29
1619.666	6	P15374	K.FLEESVMSPI FLEESVMS[16] 2	-0.555	0.01	0.003	0	26	19	26	1	230	1.89
1619.666	7	P15374	K.FLEESVMSPI FLEESVMS[166.9] 2	-1.135	0.04	0.003	0	20.19	19	20	1	230	1.89
1894.811	8	P15407	R.RRPECQISPEI RRP[160.0307] 2	-0.956	0.031	7.00E-04	1	20.99	18	21	2	271	0.39
1955.812	12	P15408	K.QEPEEDSPS QEPEEDSPS[1] 2	1.645	7.20E-05	0.002	0	48	19	48	3	326	1.01
1230.57	6	P15408	R.SPPAPGLQPN S[166.9984]PP 2	-0.765	0.019	0.002	0	19.89	15	70	3	326	1.67
1955.812	12	P15408	K.QEPEEDSPS QEPEEDS[166.2] 2	2.024	1.20E-06	0.002	0	65.79	19	67	2	326	1.01
1565.684	9	P15531	R.NIIHGSDSVES NIIHGS[166.99] 2	1.342	1.40E-04	0.002	0	43.97	18	44	2	152	1.61
1485.718	8	P15531	R.NIIHGSDSVES NIIHGS[166.99] 2	0.458	0.012	7.00E-04	0	24.93	18	63	2	152	0.5
1973.737	7	P15924	K.GGGGYTCQS GGGGYT[160.2] 2	0.24	0.002	-3.00E-04	0	30.95	16	31	3	2871	-0.14
1973.737	11	P15924	K.GGGGYTCQS GGGGYT[181.0] 2	1.222	1.80E-04	-3.00E-04	0	40.75	16	41	5	2871	-0.14
1423.658	13	P16070	K.LVINGNGAV LVINS[166.998] 2	1.356	1.50E-04	0.002	0	44.11	18	79	3	742	1.77
1264.576	7	P16070	K.SQEMVHLVNI S[166.9984]QE 2	2.011	2.80E-05	0.002	0	49.66	17	93	3	742	1.4
1634.669	9	P16144	R.DYSTLTVSSV DYSTLTVSS[16] 2	2.149	2.20E-05	0.002	0	51.04	17	69	5	1822	1.11
1207.572	8	P16144	R.LTAGVPDTR LTAGVPD[181.2] 2	0.233	0.002	0.002	0	31.88	17	52	5	1822	1.62
1634.669	9	P16144	R.DYSTLTVSSV DYSTLTVSS[166.2] 2	0.475	0.001	0.002	0	34.28	17	40	5	1822	1.11
1144.561	6	P16144	R.VLSTSTLRL VLS[166.9984] 2	-1.13	0.038	0.001	0	21.28	20	65	4	1822	0.93
1533.731	10	P16220	K.IINDLSSDAPC IINDLSS[166.9] 2	0.933	3.60E-04	0.002	0	40.86	19	41	1	341	1.14
2409.072	11	P16333	K.RKPSVPSASI RKP[166.9984] 3	1.2	8.90E-04	0.003	1	36.79	19	37	1	377	1.07
1993.729	9	P16383	K.RESEDDPESE RESEDD[16] 3	0.039	0.03	0.003	1	18.73	16	19	2	781	1.53
1993.729	12	P16383	K.RESEDDPESE RESEDD[166.9984] 3	0.108	0.026	0.003	1	19.41	16	19	2	781	1.53
1093.552	5	P16401	K.ALAAGGYDVI ALAAGGYDVEK 2	-0.57	0.011	0.001	0	23.83	17	24	1	226	0.92
1678.757	12	P16401	M.SETAPAETA SETAPAETAT[1] 2	-1.009	0.029	0.002	0	21.45	19	21	1	226	1.43
1198.668	7	P16403,P10412	K.ASGPPVSELIT ASGPPVSELITK 2	-0.275	0.005	0.002	0	26.8	17	66	6	195	0.67
1406.729	16	P16403,P10412	R.KASGPPVSELI KAS[166.9984] 3	1.029	0.003	0.001	1	30.61	18	66	6	195	0.89
1278.634	4	P16403,P10412	K.ASGPPVSELIT AS[166.9984]G 2	-1.023	0.037	0.003	0	20.3	18	50	5	267	1.05
1107.568	8	P16403,P10412	K.ALAAGGYDVI ALAAGGYDVEK 2	0.589	7.30E-04	0.001	0	37.44	19	66	6	195	0.67
2753.236	31	P16422	R.AKPEGALQNI AKPEGALQNNC 3	0.922	0.004	0.004	0	31.57	20	32	1	314	1.31
1084.54	7	P16435	K.IQTLTSSVR.E IQTLTSS[166.9] 2	0.593	7.40E-04	6.00E-04	0	36.48	18	36	1	677	0.55
1385.573	8	P16615	R.EFDELNSAQ EFDELNS[166.2] 2	-0.77	0.018	0.003	0	21.85	17	22	3	1042	1.9
1406.66	8	P16949	K.ESVPEFPLSP ESVPFPLS[166.2] 2	0.667	7.50E-04	0.003	0	36.22	17	51	5	149	2.27
1154.534	6	P16949,Q9304	K.DLSLEEIQ.K DLS[166.9984] 2	-0.991	0.029	0.002	0	22.64	20	51	5	145	1.45
1074.568	7	P16949,Q9304	K.DLSLEEIQ.K DLSLEEIQ 2	-0.536	0.012	0.002	0	25.19	18	51	5	145	1.4
1692.734	17	P16989	K.ENQATSGPI ENQATSGPNC 2	-0.072	0.003	0.002	0	30.83	19	31	2	372	1.24
1961.812	18	P16989	K.AGEAPTENPA AGEAPTENPAP 2	-0.23	0.006	0.001	0	27.24	17	46	2	372	0.67
1961.812	8	P16989	K.AGEAPTENPA AGEAPTENPAP 2	-0.126	0.004	0.001	0	28.32	17	53	2	372	0.67
1818.644	12	P17096	K.EEEEQISQSS EEEEQISQSS[1] 2	2.159	3.20E-06	0.002	0	55.79	13	72	3	107	0.81
1063.471	4	P17096	K.EPSEVTPPK.R EPSEVTP[181.0] 2	-0.734	0.017	0.001	0	21.2	16	62	3	107	1.11
1818.644	15	P17096	K.EEEEQISQSS EEEEQIS[166.9] 2	-0.131	0.004	-0.001	0	24.24	13	68	3	107	-0.68
1818.644	18	P17096	K.EEEEQISQSS EEEEQISQSS[1] 2	1.594	7.60E-05	0.002	0	42.5	14	116	4	107	1.14
2201.893	9	P17275	R.SRDATPPVSP SRDAT[181.014] 2	0.731	6.20E-04	1.00E-04	1	35.86	16	64	3	347	0.06
1958.76	7	P17275	R.DATPPVSPINI DAT[181.014]P 2	0.461	0.001	-0.002	0	33.16	16	64	3	347	-1.14
2201.893	16	P17275	R.SRDATPPVSP S[166.9984]RD. 3	0.477	0.011	0.002	1	23.12	16	66	3	347	0.74
2121.927	11	P17275	R.SRDATPPVSP S[166.9984]RD. 3	1.317	7.30E-04	0.003	1	36.21	17	85	3	347	1.2
1536.637	7	P17706	K.EDLSPAFDHSI EDLSPAFDHS[1] 2	0.062	0.003	0.002	0	30.15	17	30	1	415	0.97
1536.637	11	P17706	K.EDLSPAFDHSI EDLS[166.998] 2	1.238	2.00E-04	0.002	0	41.96	17	42	2	415	0.97
1516.641	7	P17812	R.SGSSSPDSEIT SGSS[166.998] 2	1.082	2.40E-04	0.002	0	39.37	16	39	1	591	1.38
847.396	6	P17844	R.GYSSLLK.R GYSS[166.9984] 2	-1.158	0.049	0.001	0	18.97	18	19	4	614	1.32
1651.638	15	P17987	K.HGSYEDAVHS HGSYEDAVHS[1] 2	0.566	8.60E-04	8.00E-04	0	35.21	17	46	2	556	0.48
1571.672	10	P17987	K.HGSYEDAVHS HGSYEDAVHS 3	1.291	6.50E-04	8.00E-04	0	38.13	19	83	2	556	0.52
2302.006	6	P18031	K.GSPLNAAPYG GS[166.9984]P 2	-0.363	0.007	0.002	0	26.92	18	53	4	435	0.79
866.45	6	P18085	K.LGLQSLR.N LGLQS[166.998] 2	0.123	0.002	8.00E-04	0	33.78	20	34	1	180	0.9
2115.98	12	P18124	K.TTHFVEGGD TTHFVEGGDAG 4	1.184	0.002	0.002	1	34.32	20	34	2	248	0.79
1550.648	18	P18206	R.DPSASPGDAC DPSAS[166.998] 2	2.159	1.30E-05	0.002	0	52.3	16	52	3	1134	1.27
1255.582	8	P18206	K.SLLDASEAIK S[166.9984]LD 2	0.007	0.003	0.002	0	31.62	19	77	4	1134	1.68
1871.77	12	P18583	K.SHDDGNIDLE SHDDGNIDLES 3	0.054	0.005	0.002	0	26.86	16	190	7	2426	1.24
2425.005	11	P18583	K.EMEHTVCA EMEHTVC[16] 3	1.291	1.30E-05	0.003	0	55.49	19	190	7	2426	1.15
1452.698	8	P18583	K.ESDQTLAALL ESDQTLAALLS[1] 2	2.159	1.00E-06	0.003	0	66.66	19	190	7	2426	1.97
2425.005	12	P18583	K.EMEHTVCA EMEHTVC[16] 2	1.849	4.20E-05	0.004	0	50.04	19	124	6	2426	1.77
1397.613	8	P18583	R.SAASPVVSSV SAAS[166.9984] 2	0.269	0.002	0.002	0	32.24	17	124	6	2426	1.48
1871.77	16	P18583	K.SHDDGNIDLE SHDDGNIDLES 3	1.342	6.90E-04	0.002	0	35.14	16	149	6	2426	1.24
1986.873	13	P18615	R.SLSEQPMVDI S[166.9984]SE 2	2.119	1.90E-07	0.001	0	73.4	19	166	5	380	0.53
1502.601	10	P18615	R.SISADDLQEI S[166.9984]A 2	2.159	1.30E-07	0.002	0	71.88	15	206	5	380	1.06
917.34	6	P18615	R.SDSFPER.R SDS[166.9984] 2	-0.833	0.019	5.00E-04	0	17.2	13	186	6	380	0.5
1456.599	7	P18615	K.SLYESVSSD S[166.9984]VE 2	-0.657	0.013	0.003	0	23.98	18	166	5	380	1.88
1986.873	12	P18615	R.SLSEQPMVDI S[166.9984]E 2	2.127	6.10E-07	0.001	0	68.29	19	130	4	380	0.53
1986.873	16	P18615	R.SLSEQPMVDI SLSEQPMVDI[1] 3	0.751	0.005	0.003	0	28.85	19	145	4	380	1.53
1461.615	14	P18827	K.KDEGSYLEEF KDEGS[166.998] 2	0.062	0.003	0.002	1	31.17	18	38	2	310	1.2
1333.52	6	P18827	K.DEGSYSLPEP DEGSYS[166.99] 2	-0.436	0.009	0.002	0	24.19	16	40	2	310	1.28



2616.124	8	P20020	R.IEDSEPHILID IEDS[166.9984] 3	0.91	0.004	0.003	0	29.42	18	40	3	1258	1.25
2616.124	26	P20020	R.IEDSEPHILID IEDSEPHILID 3	1.342	4.70E-04	0.003	0	38.63	18	48	3	1258	1.25
1756.766	10	P20042	K.DASDDLDLDDIN DASDDLDLDFI 2	2.159	2.60E-07	0.002	0	71.65	18	72	2	333	0.94
1315.616	5	P20042	R.DYTYEELLNR.DYTYEELLNR 2	-0.538	0.01	0.002	0	26.17	19	26	1	333	1.65
1234.583	7	P20700	R.AGGPTTPLSP AGGPTT[181.0] 2	-1.087	0.003	0.001	0	21.68	20	47	5	586	0.94
1314.549	7	P20700	R.AGGPTTPLSP AGGPTT[181.0] 2	-0.699	0.016	0.002	0	23.56	18	52	6	586	1.55
1234.583	8	P20700	R.AGGPTTPLSP AGGPTT[16] 2	-0.843	0.022	0.001	0	24.12	20	24	5	586	0.85
1234.583	6	P20700	R.AGGPTTPLSP AGGPTT[181.0] 2	-0.425	0.008	0.001	0	28.28	20	28	5	586	0.94
1334.597	8	P20700	K.NQNSWGTGFI NQNSWGTGED 2	-0.299	0.007	-1.00E-04	0	27.56	18	44	7	586	-0.1
1231.548	5	P20700,Q0325	R.LKLSPSFSR.V.LKLS[166.9984] 2	-0.756	0.02	0.002	1	22.99	18	44	2	708	1.46
3357.431	19	P20810	K.KPADDQDPID KPADDQDPIDA 3	0.373	0.015	0.003	0	23.05	17	23	2	708	0.92
3277.465	12	P20810	K.KPADDQDPID KPADDQDPIDA 3	1.342	4.90E-07	0.004	0	67.69	17	95	3	708	1.11
1513.647	18	P21291	K.GFGFGQAG GFGFGQAGA 2	0.914	3.60E-04	0.002	0	40.69	19	41	1	193	1.62
1509.685	10	P21333	K.AFGPGLQGG.AFGPGLQGSA 2	2.172	1.00E-05	0.002	0	54.9	18	106	7	2647	1.67
1297.543	6	P21333	K.CSGPGLSPGV.C[160.0307]SG 2	2.159	1.30E-05	0.002	0	53.64	17	111	7	2647	1.72
1197.528	6	P21333	R.DAQQDFHPDI DAQQDFHPDR 3	-0.071	0.038	2.00E-04	0	20.64	19	84	6	2647	0.14
1044.5	7	P21333,O7536	K.DLAEDAPWK.DLAEDAPWK 2	0.497	0.001	0.001	0	35.52	18	98	8	993	0.93
1242.54	6	P21359	K.SFDHLSIDTK.S[166.9984]FDI 2	0.094	0.003	0.001	0	31.49	18	32	7	2839	1.12
2034.917	6	P21359	K.GSEGLAATY.GSEGLAATYP 2	-1.028	0.035	9.00E-04	0	21.3	19	37	7	2839	0.43
2034.917	7	P21359	K.GSEGLAATY.GSEGLAATYP 2	-0.636	0.014	9.00E-04	0	25.17	19	37	8	2839	0.43
1674.686	16	P21359	K.SMSLDMGQP.SMS[166.9984] 2	0.179	0.002	0.002	0	30.32	16	46	6	2839	0.91
1441.672	9	P21709	R.LPGLSGSDGIP.LPGLSGS[166.9] 2	-0.677	0.016	0.001	0	24.78	19	25	2	976	0.99
1480.636	8	P21796	K.LTFDSSFSPT.LTFDSSFS[166.9] 2	2.159	1.40E-05	0.003	0	53.25	17	53	1	283	1.84
1380.593	10	P21860	R.GESIEPLDPE.GES[166.9984] 2	-0.959	0.028	8.00E-04	0	19.94	17	20	1	1342	0.58
2136.816	17	P22059	K.MLAESDESG.MLAESDES[166] 2	2.119	1.50E-07	6.00E-04	0	71.25	16	85	2	807	0.27
1085.513	6	P22059	R.SLSELESK.L.SL[166.9984]E 2	0.667	6.20E-04	0.001	0	36.22	17	154	3	807	1.33
2216.782	11	P22059	K.MLAESDESG.MLAES[166.99] 2	0.873	4.10E-04	4.00E-04	0	34.28	13	94	4	807	0.16
2136.816	7	P22059	K.MLAESDESG.MLAES[166.99] 2	-0.574	0.011	0.002	0	22.79	16	134	5	807	0.88
2043.925	9	P22234	K.DDANNDPOV.DDANNDPOVS 2	2.159	2.40E-07	6.00E-04	0	72.39	19	103	4	425	0.31
1329.597	6	P22234	K.EVYELDSPG.EVYELDS[166.9] 2	1.087	2.90E-04	0.002	0	39.42	16	103	4	425	1.83
984.467	6	P22314	R.DEFELFK.Q.DEFELFK 2	-0.955	0.027	0.001	0	19.98	17	20	2	1058	1.24
1525.677	7	P22314	K.NGSEADIDEG.NGSEADIDEG 2	0.739	6.20E-04	-0.001	0	36.94	17	37	2	1058	-0.84
1445.669	13	P22314	K.DNPGVVTCL.DNPGVVTCL[16] 2	1.469	1.10E-04	0.002	0	46.22	19	50	2	1058	1.5
1093.41	6	P22626	R.GGNFGGDS.GGNFGGDS[1] 2	0.469	9.70E-04	0.001	0	33.24	16	41	4	353	1.12
1087.484	10	P22626	R.NYEQWGWK.NYEQWGWK 2	-0.914	0.024	0.001	0	19.41	16	44	4	353	1.28
2575.006	27	P22626	R.GFGDGYNGY.GFGDGYNGY 3	0.303	0.015	0.003	0	23.39	18	33	5	353	1.19
1050.441	5	P22626	R.DYFEYK.K.DYFEYK 2	-0.888	0.023	0.001	0	18.65	15	44	3	353	1
1479.647	8	P23193	K.EPAITSQNSP.EPAITSQNS[16] 2	-0.466	0.01	0.002	0	25.89	18	36	3	301	1.16
1607.742	12	P23193	K.EPAITSQNSP.EPAITSQNS[1] 3	0.713	0.006	0.001	1	28.45	19	36	3	301	0.72
1439.647	12	P23381	R.DMNQVLDAY.DMNQVLDAYE 2	1.364	1.50E-04	0.002	0	44.17	18	44	3	471	1.4
964.418	6	P23381	R.KLSDFDQ.-KLS[166.9984]F 2	0.162	0.002	0.001	1	31.16	17	31	2	471	1.17
1550.735	11	P23396	K.DIELPTPISEC.DIELPTPISEC 2	1.03	2.90E-04	0.003	0	40.85	18	50	2	243	1.77
1470.769	9	P23396	K.DIELPTPISEC.DIELPTPISEC 2	0.51	0.001	0.003	0	33.65	16	66	2	243	1.79
1550.735	9	P23396	K.DIELPTPISEC.DIELPTPISEC 2	1.483	1.00E-04	0.003	0	45.38	18	64	2	243	1.79
1888.738	11	P23497	K.DDLSGQQT.DDLSGQQT[166.99] 2	0.849	4.00E-04	0.001	0	42.04	21	61	9	879	0.76
1852.796	6	P23497	K.LPLQSEEEER.LPLQSE[166.99] 2	-0.079	0.004	0.002	1	28.76	17	63	9	879	1.31
1194.555	5	P23497	K.LSTFRFSK.K.LSTFRFS[166.9] 2	-0.126	0.004	0.001	1	29.29	18	63	9	879	1.05
1993.839	10	P23497	R.SEPVINDNP.SEPVINDNP 2	1.51	8.90E-05	0.002	0	45.63	18	129	9	879	0.96
1888.738	12	P23497	K.DDLSGQQT.DDLSGQQT[166.99] 2	2.322	1.10E-05	0.001	0	57.6	21	128	7	879	0.76
2763.175	13	P23511	K.EKDSPHMQD.EKDS[166.9984] 3	0.209	0.021	-1.00E-04	1	21.41	17	39	2	347	-0.05
2506.037	15	P23511	K.DSPHMQDPN.DSPHMQDPN[16] 3	0.051	0.027	0.003	0	20.87	18	21	2	347	1.12
1182.577	5	P23528	M.ASGVAVSDG.ASGVAVSDG 2	-0.409	0.008	9.00E-04	0	28.46	20	28	4	166	0.76
1519.685	10	P23528	K.HELOANCYEE.HELOANC[160.] 2	-0.314	0.007	0.002	0	27.39	18	33	5	166	0.96
915.515	9	P23528	K.NILEEGK.E.NILEEGK 2	-1.095	0.04	6.00E-04	0	19.58	18	33	5	166	0.61
837.329	5	P23588	R.AFGSGYR.R.AFGSGYR 2	-0.821	0.018	5.00E-04	0	17.34	13	112	8	611	1.03
2155.786	20	P23588	K.YAALVSDGDE.YAALVSDG 2	2.159	5.90E-07	0.002	0	64.02	14	150	8	611	1.03
1127.498	9	P23588	K.SLENELNK.E.S[166.9984]LEN 2	1.17	2.20E-04	0.002	0	43.25	19	112	8	611	1.54
1687.711	7	P23588	R.ARPATDSFDC.ARPATDS[166.9] 2	0.461	9.80E-04	0.002	0	36.16	19	150	8	611	1.2
2270.016	7	P23588	K.EEDCHSPYSKI.EEDC[160.0307] 2	-0.785	0.021	9.00E-04	0	23.69	19	148	9	611	0.41
2270.016	7	P23588	K.EEDCHSPYSKI.EEDC[160.0307] 2	-0.832	0.023	9.00E-04	0	23.21	19	123	9	611	0.41
837.329	5	P23588	R.AFGSGYR.R.AFGSGYR[243.0] 2	-1.009	0.029	7.00E-04	0	15.44	13	143	9	611	0.86
2352.84	10	P24534	K.DDDDDIFGSI.DDDDDIFGSI[1] 2	2.119	1.10E-05	0.002	0	52.07	15	192	6	225	1
1850.733	15	P24534	K.YGPADVEDTI.YGPADVEDTIG 2	2.159	4.70E-09	0.001	0	86.51	16	213	4	225	0.55
1770.766	15	P24534	K.YGPADVEDTI.YGPADVEDTIG 2	2.043	2.80E-05	-2.00E-04	0	49.96	17	291	7	225	-0.09
1946.662	15	P24534,P2969	K.LIQIQVVEDD.LIQIQ[160.030] 2	2.159	1.40E-06	7.00E-04	0	63.88	18	213	3	0.49	0.64
1942.846	18	P24821	K.LPVGSCQSV.D.LPVGSCQSV[160.] 2	-0.639	0.015	0.004	0	24.16	18	24	1	2201	0.49
1606.704	8	P24928	K.YSPSTPYSP.YS[166.9984]P 2	-0.191	0.005	0.004	0	27.64	17	28	3	1970	2.4
1606.704	7	P24928	K.YSPSTPYSP.YS[166.998] 2	0.165	0.002	0.004	0	31.19	17	52	3	1970	2.4
1686.67	9	P24928	K.YSPSTPYSP.Y[243.0297]SP 2	0.083	0.002	0.001	0	29.41	16	36	6	1970	0.79
1672.654	9	P24928,P2492	K.YSPSTPYSP.Y[243.0297]SP 2	-1.217	0.046	0.002	0	18.38	18	25	2	125	1.25
1592.688	10	P24928,P2492	K.YSPSTPYSP.YSPSTPYSP[2] 2	0.686	6.00E-04	0.001	0	38.4	19	52	6	1970	0.76
1672.654	9	P24928,P2492	K.YSPSTPYSP.YSPSTPYSP[166.998] 2	-1.093	0.035	0.002	0	19.6	18	29	1	125	1.25
1592.688	9	P24928,P2492	K.YSPSTPYSP.YSPSTPYSP[1] 2	-0.345	0.007	0.001	0	28.08	19	29	2	125	0.76
1672.654	10	P24928,P2492	K.YSPSTPYSP.Y[243.0297]SP 2	-0.138	0.004	0.002	0	29.17	18	29	1	125	1.25
1592.688	10	P24928,P2492	K.YSPSTPYSP.YSPSTPYSP[181.0] 2	1.124	2.50E-04	-0.003	0	41.77	18	62	3	-1.81	1.18
1430.641	6	P25054	R.QASSDSISL.QASS[166.9984] 2	0.138	0.002	0.002	0	32.91	19	33	3	2843	1.18
1557.767	13	P25054	R.SKTPPPPQT.SKT[181.014]P 3	0.019	0.031	0.002	1	21.54	19	22	3	2843	1.18
1430.641	9	P25054	R.QASSDSISL.QAS[166.9984] 2	1.193	1.90E-04	0.002	0	43.46	19	55	4	2843	1.39
1635.543	5	P25205	R.SEDESETEI.SEDES[166.998] 2	-0.782	0.017	0.003	0	17.73	13	18	2	808	1.98
1042.509	5	P25398	K.DVIEEYFK.C.DVIEEYFK 2	-0.748	0.017	0.001	0	21.07	16	21	1	132	1.12
1427.569	7	P25490	R.EEVGGDDSI.EEVGGDDSI[1] 2	0.653	6.70E-04	3.00E-04	0	36.07	17	36	1	414	0.2
1778.809	7	P25786	R.NQYDNDVT.NQYDNDVTVM 2	-0.381	0.008	0.002	0	26.72	18	27	1	263	1.2
1278.335	4	P25786	K.EEDESDDNN.EEDES[166.998] 2	-1.088	0.034	0.002	0	14.67	13	15	1	255	1.85
1222.572	5	P26045	R.SLSVEHLETK.SLS[166.9984]V 2	-1.126	0.043	0.001	0	19.29	18	19	4	913	1.08
1769.734	13	P26045	K.GSLAPQSDSI.GSLAPQSDSI[166] 2	-0.917	0.024	0.002	0	21.41	18	24	3	913	1.15
1769.734	6	P26045	K.GSLAPQSDSI.GSLAPQSDSI[1] 2	-0.408	0.007	0.002	0	26.48	18	26	2	913	1.15
2224.847	12	P26358	K.EADDEEVDI.EADDEEVDI 2	0.674	6.70E-04	0.002	0	35.29	16	98	6	1616	1.03
2352.942	11												

1642.721	7	P27816	R.EAQTLDLSQIQ EAQTLDLSQIQET 2	-0.549	0.012	7.00E-04	0	24.06	17	88	9	1152	0.41
1210.572	7	P27816	R.LATNTSAPDL LATNTS[166.99] 2	1.849	4.50E-05	0.001	0	50.03	19	151	8	1152	0.92
1932.698	13	P27824	K.SDAEEDGGT\ SDAEEDGGT[1] 2	0.51	8.80E-04	0.002	0	33.65	16	351	20	592	0.87
1932.698	13	P27824	K.SDAEEDGGT\ S[166.9984]DA 2	2.172	1.90E-10	0.001	0	100.39	16	364	19	592	0.61
2012.664	12	P27824	K.SDAEEDGGT\ S[166.9984]DA 2	2.119	6.80E-06	0.001	0	52.11	13	272	20	592	0.62
2285.94	13	P27824	K.SDAEEDGGT\ S[166.9984]DA 3	1.291	2.50E-04	0.003	1	40.93	17	351	20	592	1.44
2188.851	10	P27824	K.QKSDAEEDGG\ QKS[166.9984] 3	0.612	0.009	0.003	1	24.46	16	272	20	592	1.39
1299.633	9	P27824	R.KPDEWDERP\ KPDEWDERP 3	0.426	0.012	1.00E-04	0	25.58	19	351	20	592	0.1
2285.94	21	P27824	K.SDAEEDGGT\ SDAEEDGGTVS 2	0.325	0.002	0.004	1	32.8	17	351	20	592	1.53
2365.907	9	P27824	K.SDAEEDGGT\ S[166.9984]DA 2	-0.795	0.018	-0.001	1	19.6	15	351	20	592	-0.48
1508.674	7	P27824	K.AEEDILNRSF AEEDILNRS[1] 3	1.291	0.002	0.004	1	32.36	17	351	20	592	2.57
2285.94	6	P27824	K.SDAEEDGGT\ SDAEEDGGT[1] 3	0.396	0.015	0.002	1	23.28	17	351	20	592	0.92
2268.818	12	P27824	K.QKSDAEEDGG\ QKS[166.9984] 3	0.064	0.029	0.002	1	18	15	342	18	592	0.93
1932.698	19	P27824	K.SDAEEDGGT\ SDAEEDGGTVS 2	2.024	2.20E-06	0.002	0	59.79	16	331	17	592	0.87
2107.982	20	P27824	K.IPDPEAVKPD\ IPDPEAVKPDV 3	0.807	0.006	0.002	0	28.42	18	318	17	592	1.07
1428.708	5	P27824	K.AEEDILNRSF AEEDILNRSR 3	0.263	0.02	9.00E-04	1	20.97	16	364	19	592	0.63
1511.706	9	P28066	R.ITSLMPEPSII ITS[166.9984]P 2	1.129	2.50E-04	0.003	0	41.84	18	42	1	241	1.75
814.332	4	P28290	R.MPSFR.F 5 MPS[166.9984] 2	-0.97	0.03	0.001	0	21.85	19	29	3	1259	1.2
898.428	6	P28290	K.SLASIAEK.S SLAS[166.9984] 2	-1.115	0.036	5.00E-04	0	22.38	21	22	3	1259	0.56
2223.971	10	P28482	R.VADPDHDT\ VADPDHDTGf 3	1.291	7.20E-05	0.003	0	47.31	17	47	1	360	1.41
1463.653	8	P28715	R.NAPAAVDEG\ NAPAAVDEGS[ 2	-1.771	5.40E-05	9.00E-04	0	48.26	18	59	2	1186	0.63
1671.729	9	P28715	R.ELTPASPTCT\ ELTPAS[166.99] 2	0.72	2.004	0.002	0	29.55	19	59	2	1186	1.36
1588.719	8	P28749	R.DMQPLSPISV\ DMQPLS[166.9] 2	2.109	2.40E-05	0.002	0	53.03	19	53	2	1068	1.51
1413.641	7	P29317	R.LPSTSGSEGV\ LPSTSGS[166.9] 2	0.418	0.001	0.002	0	34.73	18	140	7	976	1.35
2069.922	13	P29317	K.TYVDPHYED\ TYVDPH[181.] 2	-1.184	0.048	0.002	0	18.71	18	140	7	976	0.84
1506.662	8	P29317	R.ARQSPEDVYF\ ARQS[166.9984] 2	0.586	7.40E-04	0.003	1	36.41	18	113	7	976	1.71
1762.742	12	P29317	R.VLEDDPEATY\ VLEDDPEATY[2] 2	2.159	9.20E-07	0.003	0	67.2	19	140	7	976	1.54
1413.641	7	P29317	R.LPSTSGSEGV\ LPS[166.9984]T 2	1.376	1.40E-04	0.001	0	44.31	18	140	7	976	0.72
1413.641	10	P29317	R.LPSTSGSEGV\ LPST[166.9984] 2	0.854	4.70E-04	0.002	0	39.07	18	130	6	976	1.35
1762.742	10	P29317	R.VLEDDPEATY\ VLEDDPEAT[18] 2	2.025	5.90E-07	0.003	0	69.14	19	136	7	976	1.54
1762.742	8	P29317	R.VLEDDPEATY\ VLEDDPEATY[ 2	2.084	6.80E-07	0.003	0	68.51	19	114	5	976	1.54
1279.524	8	P29317	R.QSPEDVYFK\ QSPEDVY[243.] 2	-0.657	0.014	0.002	0	22.97	17	146	7	976	1.24
1762.742	10	P29317	R.VLEDDPEATY\ VLEDDPEATY[ 2	-0.822	0.022	0.002	0	23.31	19	129	8	976	1.2
1996.842	11	P29323	R.FLEDDSDPT\ FLEDDTS[166.9] 2	2.025	1.90E-07	0.001	0	73.26	18	73	1	1055	0.64
1975.868	18	P29353	R.ELFDDPSYV\ ELFDDPS[166.9] 2	1.372	1.30E-04	0.003	0	43.27	17	43	3	583	1.43
1975.868	9	P29353	R.ELFDDPSYV\ ELFDDPSY[243.] 2	1.473	1.00E-04	0.003	0	44.28	17	64	4	583	1.43
1879.849	18	P29373	K.VGEEFEETQV\ VGEFEETQV[ 3	1.291	0.001	6.00E-04	0	35.68	19	36	2	138	0.33
1038.487	9	P29374	K.ILGQSSPEK.K ILGQSS[166.99] 2	-1.041	0.037	1.00E-04	0	19.12	17	19	2	1257	0.1
2122.954	19	P29375	K.VPEVLSTDT\ VPEVLSTDTQT 2	-0.429	0.008	0.001	0	26.26	18	26	2	1690	0.47
2122.954	12	P29375	K.VPEVLSTDT\ VPEVLSTDTQT 2	-0.544	0.01	0.001	0	25.1	18	25	2	1690	0.47
2733.251	13	P29590	R.SPVIGSEVFLP\ S[166.9984]PVI 3	0.045	0.028	0.003	0	21.77	19	25	7	882	1.19
1586.676	9	P29590	K.AVSPHLDGVP\ AVS[166.9984] 3	1.124	0.002	0.001	0	32.03	17	32	5	882	0.76
2909.197	11	P29692	K.KPATPAEDDE\ KPATPAEDDED 3	1.272	0.007	0.006	0	27.44	18	162	6	281	2.22
2989.163	20	P29692	K.KPATPAEDDE\ KPATPAEDDED 3	1.224	0.002	0.002	0	30.59	16	134	6	281	0.68
1503.677	12	P29692	R.ATAPQTHV\ ATAPQTHVS[ 3	0.621	0.008	0.003	0	26.33	18	162	6	281	1.74
1680.711	11	P29966	K.EEPAAGSGG\ EEPAAAGSGAA 2	1.189	7.50E-06	0.001	0	55.24	16	319	15	332	0.84
1580.648	8	P29966	K.AEDGATPSP\ AEDGATPSPS[1] 2	2.174	5.70E-05	4.00E-04	0	46.39	16	319	15	332	0.28
2995.269	20	P29966	K.EAPAEGEAA\ EAPAEGEAAEP 3	0.333	0.016	0.003	0	23.65	18	307	19	332	1.06
1580.648	6	P29966	K.AEDGATPSP\ AEDGATPSP[166] 2	-0.485	0.009	0.002	0	24.7	17	307	19	332	1.48
2995.269	12	P29966	K.EAPAEGEAA\ EAPAEGEAAEP 3	0.345	0.016	0.003	0	23.77	18	307	19	332	1.06
1864.844	19	P29966	K.GEAAAERP\ GEAAAERPGEA 2	1.481	1.00E-04	0.002	0	46.36	19	307	19	332	1.28
2995.269	19	P29966	K.EAPAEGEAA\ EAPAEGEAAEP 3	0.814	0.005	0.004	0	28.46	18	307	19	332	1.22
1580.648	11	P29966	K.AEDGATPSP\ AEDGATPSPSN 2	1.729	6.50E-05	4.00E-04	0	45.84	16	307	19	332	0.28
2995.269	21	P29966	K.EAPAEGEAA\ EAPAEGEAAEP 3	0.669	0.008	0.004	0	27.01	18	307	19	332	1.39
1702.768	20	P29966	K.GEPAAAAPI\ GEPAAAAPEA 2	2.159	1.30E-07	0.002	0	75.08	19	307	19	332	1.1
1529.671	24	P29966	K.EAGEGGEAE\ EAGEGGEAEAF 2	0.556	8.80E-04	0.004	0	36.11	18	307	19	332	2.43
1864.844	8	P29966	K.GEAAAERP\ GEAAAERPGEA 2	1.291	1.50E-04	0.004	0	44.8	19	307	19	332	1.87
3075.235	11	P29966	K.EAPAEGEAA\ EAPAEGEAAEP 3	0.113	0.023	0.003	0	21.45	18	307	19	332	0.96
1708.743	7	P29966	K.AEDGATPSP\ AEDGATPSPSN 2	-0.034	0.003	0.002	1	31.21	19	307	19	332	1.39
1660.614	6	P29966	K.AEDGATPSP\ AEDGATPSP[166] 2	-1.15	0.048	0.002	0	15.05	14	307	19	332	1.21
2995.269	8	P29966	K.EAPAEGEAA\ EAPAEGEAAEP 3	0.057	0.031	0.003	0	20.93	18	355	17	332	1.06
1864.844	14	P29966	K.GEAAAERP\ GEAAAERPGEA 2	2.024	2.50E-06	0.002	0	62.57	19	324	17	332	1.28
865.386	4	P29966	K.LSGFSFK.K LSGFS[166.998] 2	0.666	6.70E-04	0.001	0	36.24	17	231	16	332	1.34
1788.709	5	P29966	K.AEDGATPSP\ AEDGATPSP[166] 2	-1.152	0.042	0.002	1	19.06	18	231	16	332	0.93
2995.269	21	P29966	K.EAPAEGEAA\ EAPAEGEAAEP 3	0.783	0.006	0.004	0	28.19	18	355	17	332	1.22
1788.709	6	P29966	K.AEDGATPSP\ AEDGATPSP[166] 2	-0.956	0.028	0.003	1	20.98	18	355	17	332	1.54
2995.269	29	P29966	K.EAPAEGEAA\ EAPAEGEAAEP 3	1.1	0.003	0.003	0	31.36	18	355	17	332	1.06
764.349	4	P29966,01452	K.RFSFK.S RFS[166.9984]f 2	-0.486	0.01	0.001	0	24.69	17	319	17	332	1.59
1608.754	8	P30040	R.DGDFENPVP\ DGDFENPVPY 2	1.712	5.50E-05	0.002	0	48.67	19	49	1	261	1.28
1829.884	11	P30041	K.DGDSVMVLP\ DGDSVMVLP[ 2	0.633	7.40E-04	0.003	0	36.88	18	70	2	224	1.53
1582.669	7	P30041	K.DINAYNEEP\ DINAYN[160.] 2	2.133	2.40E-05	0.002	0	50.88	17	70	2	224	1.43
1475.624	4	P30041	R.DFTPVCTEL\ DFT[181.014]P[ 2	-1.174	0.046	0.002	0	17.81	17	69	3	224	0.99
961.512	11	P30050	K.IGLPLSPK.K IGLPLS[166.9] 2	0.216	0.002	0.001	0	34.71	20	35	3	165	1.05
2046.919	12	P30050	R.PHPHIDDINS\ PHPHIDDINS.G 3	1.2	0.002	0.002	0	31.36	17	48	2	165	0.81
1216.571	12	P30085	R.NQDNLQGW\ NQDNLQGW[ 2	-0.167	0.004	0.001	0	29.88	19	30	1	196	0.82
1712.764	12	P30086	K.NRPTSIWDG\ NRPT[166.998] 2	1.592	8.00E-05	0.002	0	47.47	19	47	2	187	1.26
1712.764	8	P30086	K.NRPTSIWDG\ NRPT[181.014] 2	0.529	9.20E-04	0.002	0	36.84	19	37	1	187	1.26
1777.753	9	P30305	R.SVTPPEEQE\ S[166.9984]VTI 2	0.132	0.002	0.001	0	30.87	17	31	1	580	0.54
1777.753	5	P30305	R.SVTPPEEQE\ SVT[181.014]PI 2	-0.371	0.008	0.001	0	25.82	17	26	1	580	0.54
1772.774	15	P30414	K.HDVTVSSDU\ HDVTVSS[166] 2	0.826	4.50E-04	0.004	0	38.81	18	56	6	1462	2.33
1252.557	7	P30414	K.VETESPLGNA\ VETS[166.998] 2	0.395	0.001	0.002	0	33.48	17	55	6	1462	1.2
1281.634	10	P30414	R.IIIPDSIESK.S IIPDS[166.9984] 2	-1.233	0.048	0.002	0	19.2	19	45	6	1462	1.61
1772.774	15	P30414	K.HDVTVSSDU\ HDVTVSS[166.] 2	0.95	3.40E-04	0.004	0	40.04	18	71	7	1462	2.33
1167.504	12	P30419	R.GGLSPANDT\ GGLS[166.9984] 2	0.506	0.001	9.00E-04	0	31.61	17	35	1	496	0.73
2637.191	10	P30443,P01891	R.DGEDQTDQD\ DGEDQTDQTEL 3	1.291	2.40E-05	0.002	0	52.91	19	313	19	332	0.76
2556.092	20	P30443,P0443E	R.KGGSYTQAA\ KGS[166.9984] 3	0.955	0.003	7.00E-04	1	30.87	19	313	19	332	0.29
2427.997	20	P30443,P0443E	K.GGSYTQAAE\ GGSYTQAASSD 3	0.94									

1060.495	5	P31949	K.DGVNYTSLK.1 DGVNYTSLK	2	0.417	0.001	0.001	0	34.72	18	35	1	105	1.09
3366.459	18	P34932	K.NAEQNGPVD NAEQNGPVDG	3	-0.197	0.049	0.003	0	19.35	19	49	3	840	0.95
2622.174	18	P34932	K.MQVQDEPH MQVQDEPHV	3	1.291	5.20E-05	0.001	0	48.14	18	49	3	840	0.45
1454.604	7	P34932	K.STNEAMEWM STNEAMEWM	2	2.197	2.00E-05	0.002	0	52.77	18	95	4	840	1.28
3446.425	17	P34932	K.NAEQNGPVD NAEQNGPVDG	3	-0.083	0.037	0.005	0	19.53	18	105	4	840	1.36
3446.425	20	P34932	K.NAEQNGPVD NAEQNGPVDG	3	0.139	0.022	0.005	0	21.73	18	129	6	840	1.36
1449.697	9	P35221	R.NAGNEODIG NAGNEODIG	2	0.449	0.001	0.002	0	36.03	19	156	6	906	1.02
1898.849	9	P35221,P26232	R.TSVQTEDDQL TS[166.9984]V	2	1.43	1.00E-04	0.001	0	46.85	20	132			0.61
2141.982	15	P35221,P26232	R.SRTSVQTEDD SRTSVQTT[181.C	3	1.205	0.002	0.002	1	32.39	18	110			1.09
2141.982	13	P35221,P26232	R.SRTSVQTEDD SRTS[166.9984	2	2.159	2.80E-08	3.00E-04	1	81.4	18	132			0.16
2221.948	13	P35221,P26232	R.SRTSVQTEDD SRT[181.014]S	2	0.142	0.002	0.001	1	30.95	17	110			0.5
2221.948	11	P35221,P26232	R.SRTSVQTEDD S[166.9984]RT	2	0.894	4.50E-04	0.001	1	38.49	17	132			0.5
2141.982	12	P35221,P26232	R.SRTSVQTEDD S[166.9984]RT	2	1.944	3.60E-07	3.00E-04	1	70.32	18	110			0.16
2221.948	9	P35221,P26232	R.SRTSVQTEDD S[166.9984]RT	2	0.944	0.004	0.003	1	28.79	17	198			1.36
2141.982	12	P35221,P26232	R.SRTSVQTEDD SRT[181.014]S	2	2.197	5.30E-06	3.00E-04	1	58.65	18	198			0.16
1898.849	11	P35221,P26232	R.TSVQTEDDQL TSVQTT[181.014	3	1.317	5.30E-04	0.002	0	39.6	19	188			1.25
1898.849	9	P35221,P26232	R.TSVQTEDDQL T[181.014]SVQ	2	1.428	1.00E-04	0.001	0	46.83	20	110			0.61
1860.842	8	P35222	R.RTSMGGTQC RTS[166.9984]J	3	1.156	0.002	0.002	1	31.9	18	60	3	781	1.11
1704.741	11	P35222	R.TSMGGTQC TS[166.9984]M	2	1.669	7.00E-05	0.002	0	48.24	19	48	2	781	1.33
1860.842	8	P35222	R.RTSMGGTQC RTS[166.9984]J	3	0.557	0.008	0.002	1	25.93	18	50	3	781	1.11
1704.741	7	P35222	R.TSMGGTQC TSMGGT[181.0	3	0.614	0.008	0.002	0	27.51	19	55	2	781	1.04
879.368	3	P35240	R.MSFSSLR MSFSS[166.998	2	-0.517	0.009	6.00E-04	0	21.38	14	21	2	595	0.73
2013.865	11	P35251	K.ELSQNTDESQ S[166.9984]C	2	2.159	1.40E-05	0.001	0	55.43	19	55	1	1148	0.69
1931.73	8	P35268	R.YFQINQDEEE YFQINQDEEE	2	2.077	2.90E-05	0.002	0	49.3	16	49	1	128	0.78
1998.888	10	P35269	R.GNSRPGTSPA GNS[166.9984	3	1.291	5.90E-05	0.003	0	48.97	19	114	5	517	1.28
1998.888	9	P35269	R.GNSRPGTSPA GNSRPGT[181.	2	1.145	0.009	0.001	0	27.4	19	114	5	517	0.53
2078.854	10	P35269	R.GNSRPGTSPA GNS[166.9984	3	1.256	4.10E-04	0.002	0	39.22	18	73	5	517	1.07
1998.888	11	P35269	R.GNSRPGTSPA GNSRPGT[16	2	-0.095	0.004	0.001	0	30.58	19	71	4	517	0.53
1234.535	7	P35367	R.SGSLGDLVII S[166.9984]2	2	0.215	0.002	0.001	0	32.7	18	33	1	487	0.97
1087.507	6	P35367	R.SLPSFSEIKL SLPS[166.9984	2	-1.166	0.042	0.001	0	18.9	18	35	2	487	1.2
1228.54	9	P35368	R.HDSGPLFTFK HDS[166.9984	2	0.627	6.70E-04	0.002	0	36.82	18	37	1	520	1.45
1586.766	10	P35527	K.VQALEEANNI VQALEEANNL	2	1.716	6.10E-05	0.002	0	47.71	18	48	2	623	1.07
1315.685	13	P35527	K.DQIVDLTVGN DQIVDLTVGN	2	2.172	2.00E-05	0.001	0	52.81	18	53	3	623	0.89
2709.086	17	P35568	R.ASSDGEETM AS[166.9984]S	3	0.311	0.017	0.002	0	23.43	18	23	4	1242	0.63
879.408	5	P35568	R.VNLSPNR.N VNLS[166.9984	2	-1.087	0.043	4.00E-04	0	18.68	17	41	7	1242	0.47
1377.558	9	P35568	R.KGSGDYMPV KGS[166.9984]	2	0.744	5.90E-04	0.002	1	36.98	17	73	6	1242	1.65
1730.749	9	P35568	R.HSSETFSSTF R[166.9984]	3	0.103	0.024	0.002	1	21.39	18	27	5	1242	1.47
1457.524	9	P35568	R.KGSGDYMPV KGS[166.9984]	2	0.737	6.10E-04	0.001	1	33.91	14	73	6	1242	0.72
1574.648	12	P35568	R.HSSETFSSTF R[166.9984]	3	0.179	0.023	1.00E-04	0	21.15	17	38	5	1242	0.09
1348.623	18	P35579	R.DELADEIANS DELADEIANS	2	2.159	1.20E-05	0.002	0	55.68	19	282	12	1960	1.08
2088.979	11	P35579	R.QAQERDELQ AQAQERDELAC	3	1.291	3.10E-05	0.003	1	50.46	18	282	12	1960	1.3
1487.708	17	P35579	R.RQLEAEAEAE RQLEAEAEAEQ	2	0.321	0.002	0.002	1	33.76	18	217	10	1960	1.2
1565.675	10	P35579	R.ELEDATEAD ELEDATEADAI	2	1.159	6.90E-09	0.002	0	86.07	17	282	12	1960	1.43
1428.589	9	P35579	R.DELADEIANS DELADEIANS	2	2.115	2.40E-05	9.00E-04	0	51.7	18	282	12	1960	0.65
1888.932	16	P35579	K.KLEEEQILEDD KLEEEQILEDD	3	0.864	0.004	0.001	1	28.98	18	206	11	1960	0.62
1919.919	14	P35579	K.TELEDLDTST TELEDLDTSTAA	2	1.605	7.60E-05	0.004	0	45.59	17	363	16	1960	1.86
1653.785	9	P35579	R.IAEFTTNLTEE IAEFTTNLTEE	2	1.644	7.10E-05	0.003	0	47.98	19	363	16	1960	1.9
1116.578	7	P35579,P3574	R.DLGELEALK DLGELEALK	2	0.473	9.80E-04	0.002	0	36.28	19	282			1.47
1591.702	20	P35579,P3574	R.NTDQASMPD NTDQASMPDN	2	2.159	1.10E-06	6.00E-04	0	63.94	17	282			0.4
1337.608	8	P35606	K.DNNQFASASL DNNQFASASL	2	2.159	1.80E-06	0.002	0	63.13	18	92	4	906	1.34
2727.335	20	P35606	R.STAQOELDGH STAQOELDGH	3	1.291	7.00E-05	0.002	0	46.27	18	92	4	906	0.55
5236.303	12	P35611	K.EEEAHRPPSP EEEAHRPPSPTE	4	1.197	0.002	0.009	0	29.54	15	62	4	737	1.8
1433.631	9	P35611	R.SPGSPVGEET SPGS[166.9984	2	1.815	4.90E-05	0.002	0	48.7	18	62	4	737	1.59
5316.269	20	P35611	K.EEEAHRPPSP EEEAHRPPSP	4	-0.295	0.015	0.007	0	20.42	15	58	3	737	1.3
5236.303	8	P35611	K.EEEAHRPPSP EEEAHRPPSP	4	-0.295	0.026	0.009	0	17.86	15	58	3	737	1.8
5236.303	27	P35611	K.EEEAHRPPSP EEEAHRPPSP	4	0.033	0.002	0.009	0	29.1	15	72	3	737	1.8
2020.922	13	P35613	R.RKPEDVLDLDD RKPEDVLDLDD	3	0.582	0.01	0.002	1	26.16	18	71	3	385	1.15
1864.821	14	P35613	R.RKPEDVLDLDD RKPEDVLDLDD	3	2.159	5.90E-07	0.002	0	68.3	19	117	4	385	1.03
1940.956	8	P35613	R.RKPEDVLDLDD RKPEDVLDLDD	3	1.101	1.30E-05	0.002	1	54.16	18	136	4	385	1.26
1751.785	11	P35658	K.SPGSTPTTPTS SPGSTPTTPT	2	0.47	0.001	0.001	0	36.25	19	43	4	2090	0.77
1751.785	7	P35658	K.SPGSTPTTPTS SPGSTPTTPT	2	0.916	3.80E-04	0.001	0	40.71	19	62	5	2090	0.77
1751.785	13	P35658	K.SPGSTPTTPTS S[166.9984]P	2	-0.185	0.005	0.001	0	29.7	19	62	5	2090	0.77
1831.751	8	P35658	K.SPGSTPTTPTS SPGS[181.014	2	-0.836	0.013	0.002	0	25.19	19	31	3	2090	0.99
1831.751	9	P35658	K.SPGSTPTTPTS S[166.9984]P	2	-0.205	0.005	0.002	0	29.5	19	62	5	2090	0.99
1751.785	12	P35658	K.SPGSTPTTPTS SPGS[166.9984	2	2.197	5.40E-06	0.001	0	59.17	19	108	5	2090	0.77
1569.698	9	P35658	R.SAQGSSSPVP SAQGSSS[166.5	2	1.291	0.002	0.003	0	32.74	17	108	5	2090	1.76
825.412	4	P35659	K.SLIVGK.R S[166.9984]LV	2	-1.112	0.036	0.001	0	20.43	19	21	3	375	1.16
2465.788	14	P35659	R.EESEEEDEDI EES[166.9984]	3	0.141	0.021	0.002	0	16.73	13	21	3	375	0.61
3359.195	7	P35659	K.EPEMGPREE EPEMGPREE	3	1.067	0.003	8.00E-04	1	28.02	15	36	2	375	0.23
1063.493	6	P36507	R.LNQPGTPT.R LNQPGTPT[181.0	2	-0.408	0.009	0.002	0	27.47	19	27	1	400	1.51
1063.493	5	P36507	R.LNQPGTPT.R LNQPGTPT[181.2	2	-0.007	0.003	0.002	0	31.48	19	31	1	400	1.51
1242.644	7	P36873	K.NVQLOENEIR NVQLOENEIR	2	-0.507	0.01	0.001	0	24.51	17	25	1	323	0.84
2020.824	10	P36915	R.EEQDTSDDGE EQD[181.013	3	0.189	0.019	0.002	0	22.23	18	29	3	607	1.05
2176.926	9	P36915	R.EEQDTSDDGE EQD[166.9984	3	0.229	0.019	0.002	1	23.61	19	24	3	607	1.02
2020.824	10	P36915	R.EEQDTSDDGE EQD[166.9984	3	0.789	0.005	0.002	0	28.23	18	32	3	607	1.05
2176.926	10	P36915	R.EEQDTSDDGE EQD[181.014	3	0.24	0.018	0.002	1	23.77	19	45	3	607	1.02
2176.926	9	P36915	R.EEQDTSDDGE EQD[181.013	3	0.499	0.01	0.002	1	26.35	19	34	3	607	1.02
1359.558	13	P37802	R.NFSDNQLQEC NFS[166.9984]	2	1.079	2.80E-04	0.001	0	38.34	15	72	2	199	1.01
1279.591	8	P37802	R.NFSDNQLQEC NFS[166.9984]	2	1.981	3.50E-05	0.002	0	50.36	18	72	2	199	1.72
1515.684	11	P38159	K.VEQATKPSFE VEQATKPSFE	2	0.994	0.004	5.00E-04	0	30.28	18	62	6	391	0.33
1515.684	10	P38159	K.VEQATKPSFE VEQATKPSFE	2	0.883	3.90E-04	-0.001	0	39.37	18	62	8	391	-0.66
929.413	4	P38159,QB6E3	R.DVYLSR.D DVYLS[166.998	2	-0.539	0.011	4.00E-04	0	24.16	17	63			0.42
1611.678	9	P38159,QB6E3	R.DRDYSDHPSG DRDYS[166.998	2	-0.132	0.042	0.002	1	18.04	17	67			1.34
1177.476	9	P38159,QB6E3	R.DSYESYGNR DSYESYGNR	2	-0.672	0.014	0.001	0	20.17	17	76			0.85
1451.616	8	P38398	R.HOSESQVGI HOSESQVGLS	2	-1.079	0.036	6.00E-04	0	18.76	17	19	4	1863	0.4
1901.81														

1752.805	11	P41229	K.VQGLLENGD VQGLLENGDSV	2	2.159	6.90E-06	0.001	0	57.77	19	58	2	1560	0.77
1381.672	9	P41970	R.AASPVLLSSN AAS[166.9984]	2	-1.175	0.047	0.001	0	19.78	19	20	1	407	0.9
1365.605	8	P42166	R.SHSDQSPSS SHSDQSPSS[166.9	2	0.329	0.002	5.00E-04	0	33.84	18	134	7	694	0.38
1365.605	8	P42166	R.SHSDQSPSS SHSDQSPSS[166.9	2	-1.172	0.042	0.002	0	19.82	19	151	8	694	1.33
2730.144	17	P42166,P42167	K.GPPDFSSDEE GPPDFSS[166.99	3	1.243	0.002	0.003	1	33.75	19	193			1.1
2650.178	17	P42166,P42167	K.GPPDFSSDEE GPPDFSS[166.99	3	1.291	1.10E-04	0.002	1	46.34	19	193			0.88
1727.785	11	P42166,P42167	R.SSTPLPTISSA SSTPLPTISS[16	2	1.985	3.00E-05	0.002	0	51.4	19	193			1.43
1727.785	12	P42166,P42167	R.SSTPLPTISSA SST[181.014]P	2	2.159	4.50E-07	0.002	0	69.33	18	193			1.08
2650.178	24	P42166,P42167	K.GPPDFSSDEE GPPDFSSDEERE	3	1.291	4.40E-04	0.003	1	40.39	19	193			1.07
2650.178	11	P42166,P42167	K.GPPDFSSDEE GPPDFSS[166.9	3	1.127	9.00E-04	0.002	1	37.23	19	134			0.88
1727.785	12	P42166,P42167	R.SSTPLPTISSA SSTPLPTISS[166	2	0.528	8.50E-04	0.002	0	36.82	19	131			1.43
2083.85	11	P42167	K.EMFPYEASTP EMFPYEASTPT	2	-0.82	0.022	0.004	0	22.35	18	170	6	454	1.75
1138.514	5	P42345	R.TLDDSPELR S TLDDSP[166.998	2	-0.544	0.01	0.002	0	24.11	17	24	2	2549	1.96
1752.763	16	P42566	K.LNDPFPQPPG LNDPFPQPPGN	2	-0.124	0.005	0.003	0	30.31	19	43	2	896	1.6
998.423	8	P42566	K.LDSDPPFK L DSD[166.9984]F	2	0.289	0.002	8.00E-04	0	29.44	14	43	2	896	0.75
1373.598	11	P42677	K.DLLHSPPEEK DLLHSP[166.99	2	0.725	6.60E-04	0.002	0	37.8	18	47	3	84	1.3
1049.412	5	P42677,Q71UN	R.LTEGCFR R LTEGCF[160.030	2	-0.261	0.006	8.00E-04	0	25.94	16	47			0.79
1126.503	7	P42684	K.SPSSLEDAK S[166.9984]PSS	2	0.048	0.003	0.001	0	31.01	18	79	4	1182	1.04
1762.695	6	P42684	R.SNSTSMSSG SNST[181.014]P	2	-0.765	0.019	0.002	0	21.9	17	43	2	1182	0.83
1369.625	8	P42684	R.DKSPSSLEDA DKS[166.9984]P	2	0.4784	4.70E-04	0.002	1	40.35	20	88	3	1182	1.15
1762.695	9	P42684	R.SNSTSMSSG SNST[166.9984]P	2	2.197	8.20E-06	0.002	0	55.57	17	113	3	1182	0.83
2860.249	10	P42694	R.RISSSSVQPCS RISSSS[166.998	3	1.127	8.20E-05	0.004	1	46.24	18	46	2	1942	1.48
2860.249	10	P42694	R.RISSSSVQPCS RISS[166.9984]S	3	1.101	7.60E-04	0.004	1	36.55	18	37	1	1942	1.48
2860.249	10	P42694	R.RISSSSVQPCS RISS[166.9984]S	3	1.193	7.50E-04	0.004	1	36.61	18	37	2	1942	1.48
1481.59	9	P42696	R.SVQEGENPDI S[166.9984]VQ	2	1.287	1.60E-04	0.002	0	40.42	15	40	3	430	1.55
1418.656	8	P42858	K.EPGEQASVPL EPGEQASVPLS	2	-0.241	0.005	5.00E-04	0	29.14	19	29	1	3142	0.37
2146.864	11	P43243	K.NEENTEPGA NEENTEPGAES	2	2.159	1.30E-07	0.002	0	74.62	18	187	6	847	1.13
2226.831	10	P43243	K.NEENTEPGA NEENT[181.01]P	2	0.988	3.50E-04	2.00E-04	0	39.43	17	187	6	847	0.09
2226.831	11	P43243	K.NEENTEPGA NEENTEPGAES	2	2.159	1.60E-08	0.002	0	82.7	17	187	6	847	0.72
2857.095	19	P43243	K.DTSENADQG DTSENADQGS	3	-0.093	0.037	0.002	1	18.1	17	152	8	847	0.71
1556.555	7	P43243	R.SYSPDGKESPV SY[243.029]SF	2	-0.817	0.021	0.004	1	17.41	13	126	7	847	2.56
2226.831	19	P43243	K.NEENTEPGA NEENTEPGAES	2	2.172	3.90E-08	0.002	0	78.83	17	187	6	847	0.72
3375.452	29	P43699	K.AAQQLQD AQQQLQDQDS	4	3.289	1.60E-05	0.003	0	54.46	19	114	2	371	0.77
1508.667	8	P45880	K.LTFDTFSPNI LTFDTFSS[166.1	2	0.495	9.30E-04	0.003	0	36.48	19	36	2	294	2.13
1189.595	7	P45973	K.DTDEADLVLA DTDEADLVLA	2	-0.291	0.005	0.001	0	28.64	19	29	1	191	1.21
1431.589	11	P46013	K.SSPELEDTATS SS[166.9984]PE	2	-0.652	0.014	0.002	0	22.03	16	92	12	3256	1.29
2287.983	21	P46013	K.SGGSGHAVA SGGSGHAVA	3	0.239	0.018	0.001	0	22.71	18	128	17	3256	0.5
1582.646	7	P46013	K.SPPSPMDTP S[166.9984]P	2	0.77	5.10E-04	7.00E-04	0	38.25	18	128	17	3256	0.46
1519.668	10	P46013	K.SPQDPVDTP S[166.9984]PQ	2	-0.674	0.014	2.00E-04	0	25.81	20	128	17	3256	0.13
1522.667	7	P46013	K.SPPSPVDTP S[166.9984]P	2	0.921	3.50E-04	-0.002	0	38.76	17	128	17	3256	-1.16
1399.651	6	P46013	K.DINTFVGTPI DINTFVGT[181.2	2	-1.099	0.038	0.002	0	19.56	18	128	17	3256	1.22
1712.764	7	P46013	K.TPVQYQQQ TPVQYQQQNS	2	-0.559	0.01	0.004	0	26.96	20	92	12	3256	2.43
1632.824	9	P46019	K.SLNLVDSQPI S[166.9984]LNI	2	-0.246	0.005	0.003	0	28.08	18	28	3	1235	1.72
1481.688	10	P46087	K.GTDTQTPAVL GTDTQTPAVLS	2	1.427	1.20E-04	0.002	0	44.82	18	45	1	812	1.6
2487.304	19	P46100	R.RPTETNPVS RPTETNPVTSN	3	1.291	1.10E-04	0.004	0	45.33	18	57	6	2492	1.49
1350.546	7	P46100	R.ETFSSAEGTV ETFSS[166.998	2	-0.066	0.004	0.001	0	29.89	18	57	6	2492	0.76
1410.64	5	P46100	R.EVIEEDASPT EVIEEDASPT[1.2	2	-0.35	0.007	0.002	0	28.03	19	84	6	2492	0.82
1350.546	9	P46100	R.ETFSSAEGTV ETFSS[166.998	2	-1.132	0.044	0.001	0	19.23	18	54	8	2492	0.76
1798.731	13	P46379	R.ENASAPGTT ENAS[166.9984]T	2	2.159	6.40E-06	0.002	0	58.39	19	81	5	1132	1.01
2644.074	18	P46379	R.ASPREPQRENA AS[166.9984]P	3	1.291	3.10E-04	0.002	1	40.92	18	81	5	1132	0.89
2644.074	15	P46379	R.ASPREPQRENA AS[166.9984]P	3	1.127	0.002	0.002	1	32.69	18	72	5	1132	0.89
1798.731	13	P46379	R.ENASAPGTT ENASAPGTT[1.2	2	0.149	0.021	0.003	0	22.85	19	70	4	1132	1.62
3020.382	7	P46379	R.VGDPPOPLPE VGDPPPOPLPEE	3	-0.137	0.042	0.003	1	19.96	19	95	5	1132	0.86
1502.635	7	P46776	R.NQSFCTVNL NQSF[166.9984]P	2	-0.109	0.004	0.002	0	27.45	16	27	2	148	1.65
839.396	5	P46776	-MPSRLR.K MPS[166.9984]P	2	-0.764	0.016	7.00E-04	1	17.92	13	18	1	148	0.83
1982.863	19	P46821	R.ESSPLSPPTS ESS[166.9984]SF	2	-0.567	0.011	0.002	0	24.88	18	213	11	2468	1.19
1570.631	14	P46821	K.SPSSDGSYSY S[166.9984]PSS	2	1.732	5.80E-05	0.002	0	46.87	17	166	7	2468	1.05
2334.844	15	P46821	K.FEDEGAFEE FEDEGAFEEES	2	2.159	2.80E-07	7.00E-04	0	67.82	15	213	11	2468	0.28
2093.898	9	P46821	R.ASVSPMDEPA ASVS[166.998	2	1.654	6.90E-05	0.002	0	48.09	19	213	11	2468	0.8
2093.898	18	P46821	R.ASVSPMDEPA ASVSMPDEPVP	2	2.159	5.90E-07	0.002	0	68.7	19	213	11	2468	0.89
1502.714	7	P46821	K.SPSSPSPSPS SPSSPSPSS[166	2	-0.158	0.005	0.002	0	29.97	19	213	11	2468	1.01
1394.693	9	P46821	K.VQSLGKLSF VQSLGKLS[1.2	2	-0.561	0.011	0.002	1	25.94	19	169	9	2468	1.05
1982.863	9	P46821	R.ESSPLSPPTS ESS[166.9984]F	2	-1.178	0.046	0.002	0	18.77	18	169	9	2468	1.19
1073.419	6	P46821	R.GAESPFEEK S GAES[166.998	2	-1.08	0.038	-0.001	0	16.75	15	169	9	2468	-1
1570.631	6	P46821	K.SPSSDGSYSY SPS[166.9984]S	2	1.418	1.20E-04	0.002	0	43.72	17	212	14	2468	1.05
1774.617	15	P46821	K.GEAEQSEEA GEAEQS[166.99	2	2.197	8.10E-08	0.002	0	72.36	14	172	9	2468	1.18
2043.851	12	P46821	K.HMDPPPAPV HMDPPPAPVQ	3	-0.207	0.049	0.002	1	18.27	18	330	16	2468	1.06
1287.554	6	P46821	R.SLMSPELTI SLMS[166.998	2	-0.945	0.026	0.002	0	21.08	18	330	16	2468	1.26
2062.829	6	P46821	R.ESSPLSPPTS ESS[166.9984]F	2	-0.746	0.017	0.003	0	22.09	17	166	10	2468	1.37
2464.509	9	P46821	K.QGSPDQVSPV QGS[166.998	2	0.031	0.003	0.005	0	30.87	18	177	10	2468	1.89
1642.707	7	P46934	R.RQISEETESV RQISE[166.998	2	-0.13	0.004	0.001	1	29.25	18	29	2	1319	0.85
1642.707	12	P46934	R.RQISEETESV RQISE[181.0	2	-0.813	0.018	0.001	1	22.4	18	22	3	1319	0.85
1860.86	13	P46937	R.QASTDAGTA QAS[166.9984]	2	2.159	1.20E-05	0.002	0	55.22	19	113	2	504	1.03
1860.86	12	P46937	R.QASTDAGTA QAST[181.014]	2	0.477	9.40E-04	0.002	0	36.35	19	55	2	504	1.03
2077.998	15	P47712	K.HIVNSDSDS HIVNSDSDS[1.3	3	1.291	4.80E-04	0.003	0	36.6	16	66	3	749	1.58
1880.911	13	P47736	R.RSSAIGIENI RSS[166.9984]P	3	1.224	4.80E-04	0.003	1	38.47	18	38	1	663	1.38
1348.527	6	P47736	R.SQSDAMGI SQS[166.9984]P	2	0.409	0.001	1.00E-04	0	31.63	15	110	3	663	0.11
1231.541	12	P47756	K.DYLLCDYLR L DYLLC[160.030	2	0.566	9.30E-04	0.002	0	32.21	14	32	2	277	1.32
1720.725	8	P48382	K.GSESPMGPI GS[166.9984]E	2	0.556	8.40E-04	0.003	0	36.11	18	36	2	616	1.58
1720.725	11	P48382	K.GSESPMGPI GSE[166.998	2	0.161	0.002	0.003	0	32.16	18	32	3	616	1.58
1534.646	8	P48552	K.SEPSPQDFSI SEPVS[166.998	2	0.176	0.002	0.002	0	32.34	18	32	2	1158	1.54
1407.506	9	P48634	R.SDSGSSSEPI SDS[166.9984]P	2	2.119	2.10E-05	0.001	0	48.22	14	70	7	2157	0.99
1513.726	7	P48634	R.KOSSSEISLAV KOS[166.9984]P	2	2.159	3.50E-06	0.002	1	60.03	18	135	12	2157	1.1
1513.726	6	P48634	R.KOSSSEISLAV KOSSS[166.998	3	0.964	0.004	0.002	1	29.96	18	135	12	2157	0.97

3705.52	17	P49006	K.GAEASAASEE GAEASAAS[166	3	1.138	0.002	0.001	0	31.7	18	281	9	195	0.32
3705.52	17	P49006	K.GAEASAASEE GAEASAASEE.3	3	0.582	0.008	0.001	0	26.16	18	243	11	195	0.32
3705.52	9	P49006	K.GAEASAASEE GAEAS[166.99	3	1.101	0.002	0.001	0	32.56	18	243	11	195	0.32
3257.412	24	P49006	K.GEGESPPVNG GEGESPPVNGT	3	0.159	0.024	0.003	0	21.94	18	271	9	195	0.84
3705.52	17	P49006	K.GAEASAASEE GAEASAASEE.3	3	0.343	0.014	0.004	0	23.79	18	246	9	195	1.05
3625.553	15	P49006	K.GAEASAASEE GAEASAASEE.3	3	1.127	4.70E-04	0.002	0	38.98	18	271	9	195	0.67
3493.334	16	P49006	K.EGGGDDSSASE EGGGDDSS[166	3	1.342	9.50E-05	9.00E-04	0	44.86	17	159	7	195	0.25
3493.334	19	P49006	K.EGGGDDSSASE EGGGDDSSASP	3	0.659	0.007	0.002	0	25.93	17	243	11	195	0.45
1844.748	9	P49023	K.TSSVSNQDTS TSSVSNQDVS[2	3	-0.159	0.004	0.001	0	29.96	19	44	4	591	0.62
1632.636	6	P49023	R.SSPGGQDEGI SS[166.9984]P	2	0.191	0.002	-9.00E-04	0	32.46	18	44	4	591	-0.54
1632.636	9	P49023	R.SSPGGQDEGI S[166.9984]SP	2	0.889	3.60E-04	-9.00E-04	0	39.43	18	51	3	591	-0.54
1908.843	9	P49189	R.EREDEIATME EREDEIATME[C	3	0.7	0.007	0.002	1	27.35	18	27	2	494	1.18
1446.557	7	P49321	K.SVSGTDVQEE S[166.9984]V	2	-0.24	0.005	0.004	0	27.15	17	27	4	788	2.72
2171.861	6	P49321	K.TEDESLENN TEDES[166.998	2	0.362	0.001	0.002	0	33.16	17	45	5	788	0.7
1468.603	7	P49327	K.ADEASELACP ADEASELAC[16	2	2.159	9.30E-07	0.001	0	63.93	16	98	2	2511	0.87
1272.536	8	P49327	R.LGMLSPEGTC LGMLS[166.99	2	0.658	7.40E-04	0.002	0	35.13	16	78	2	2511	1.2
1456.668	8	P49368	K.KGESQTDIEIT KGES[166.998	2	-0.908	0.024	0.003	1	21.47	18	21	1	545	1.85
1754.686	7	P49407	K.EEEEDGTGSP EEEEDGT[181.0	2	0.208	0.002	0.002	0	31.63	17	79	4	418	0.94
2112.835	11	P49407	K.DDKEEEEDGT DDKEEEEDGTG	2	1.579	8.30E-05	0.002	1	45.34	17	79	4	418	1.18
2032.869	13	P49407	K.DDKEEEEDGT DDKEEEEDGTG	3	-0.109	0.046	1.00E-04	1	18.25	17	104	4	418	0.06
1754.686	11	P49407	K.EEEEDGTGSP EEEEDGTG[S]16	2	1.562	8.80E-05	0.002	0	45.17	17	86	4	418	0.94
2112.835	14	P49407	K.DDKEEEEDGT DDKEEEEDGT[1	2	0.662	6.90E-04	0.002	1	36.17	17	86	4	418	1.84
1425.628	8	P49448,P00367	R.DDGSWEVIEK DDGSWEVIEGY	2	1.991	3.40E-05	0.002	0	49.49	17	56			1.34
3273.778	22	P49454	K.ITETGAVKPTI ITETGAVKPTGE	3	1.291	8.40E-05	0.004	0	46.63	18	47	3	3210	1.1
967.468	6	P49585	R.MLQAISPK.Q MLQAS[166.95	2	1.166	2.20E-04	1.00E-04	0	40.21	16	41	3	367	0.11
1407.484	14	P49585	K.AAAYDISEDI AAAYDIS[166.9	2	-0.47	0.01	0.002	0	22.85	15	38	3	367	1.21
1446.548	6	P49585	K.TSPPCSPANL TS[166.9984]P	2	0.274	0.002	0.002	0	31.27	16	44	3	367	1.18
1261.576	7	P49590	R.DLSPQHMMVLI DLSPQHMMVLI	2	-0.545	0.011	0.001	0	24.1	17	24	1	506	1.05
1973.812	8	P49736	R.GLLYDSEED GLLYDS[166.99	3	0.327	0.014	0.003	0	25.61	20	98	6	904	1.53
1180.499	9	P49736	R.GNDPLTSSPG GNDPLTSS[166	2	1.663	7.30E-05	0.001	0	44.18	15	96	5	904	1.19
1336.6	7	P49736	R.RGNDPLTSSP RGNDPLTSS[16	2	-0.628	0.013	2.00E-04	1	24.27	18	158	7	904	0.14
1180.499	6	P49736	R.GNDPLTSSPG GNDPLT[181.0	2	-0.191	0.005	0.001	0	25.62	15	96	5	904	1.19
1531.958	5	P49756	K.FEDEDSDVP FEDES[166.99	2	-0.637	0.015	0.002	1	21.18	15	78	5	843	1.56
1435.658	5	P49756	K.LGASNSPQGF LGASNS[166.95	2	-0.186	0.005	-8.00E-04	0	26.69	16	78	5	843	-0.55
1571.563	8	P49756	K.QEPSEEEIEI QEPSES[166.99	2	2.159	1.60E-05	0.002	0	49.25	14	78	5	843	1.6
1435.658	9	P49756	K.LGASNSPQGF LGASNSPQGN	2	-0.112	0.004	0.002	0	30.43	19	67	5	843	1.55
1712.753	9	P49757	R.TNPSPTNPPS TNPSP[166.99	2	-0.408	0.008	0.003	0	27.45	19	27	2	651	1.51
1403.588	6	P49761	R.SPEPDYLSYR S[166.9984]P	2	-1.123	0.042	0.002	0	16.32	15	29	3	638	1.53
1722.752	7	P49761	R.YRSPEDPYLS YRS[166.9984]	3	0.32	0.015	0.002	1	24.55	19	35	3	638	0.94
1722.752	4	P49761	R.YRSPEDPYLS Y[243.0297]RS	3	0.11	0.024	0.002	1	22.46	19	22	4	638	0.94
2080.943	18	P49768	R.AAVQELSSIL AAVQELSS[166	2	0.742	5.30E-04	0.002	0	37.97	18	38	1	467	1.16
2080.943	9	P49768	R.AAVQELSSIL AAVQELSS[166	2	-0.242	0.005	0.002	0	28.13	18	28	1	467	1.16
2080.943	18	P49768	R.AAVQELSSIL AAVQELSS[166	2	-0.652	0.013	0.002	0	24.04	18	24	1	467	1.16
870.376	8	P49790	K.SPFGASPK.I S[166.9984]P	2	-1.172	0.043	5.00E-04	0	17.81	17	18	3	1475	0.58
3149.276	26	P49792	K.NHETDGGSAI NHETDGG[S]16	3	0.317	0.016	0.001	0	23.51	18	66	9	3224	0.46
1361.589	15	P49792	K.SGSSFVHQAS SGSSFVHQAS[1	2	-1.086	0.042	1.00E-04	0	19.67	18	96	12	3224	0.46
3149.276	28	P49792	K.NHETDGGSAI NHET[181.01	3	1.256	0.001	0.001	0	34.68	18	110	13	3224	0.1
861.375	6	P49792,A6NKT	R.YLSLPSK.S YLSL[166.9984]	2	-0.538	0.011	2.00E-04	0	27.17	20	186			0.18
2621.209	15	P49792,A6NKT	R.EDALDSSVSS EDALDSSVSS	3	1.291	5.70E-04	0.003	1	38.27	18	186			1.29
2701.175	13	P49792,A6NKT	R.EDALDSSVSS EDALDSSVSS	3	1.224	5.90E-04	0.002	1	38.16	18	66			0.76
2621.209	14	P49792,A6NKT	R.EDALDSSVSS EDALDSSVSS	3	1.101	0.001	0.003	1	35.38	18	40			1.29
2490.015	13	P49792,A6NKT	K.LNQSGTSGVT LNQGS[166.99	3	-0.202	0.048	0.003	0	18.33	18	88			1.14
2490.015	17	P49792,A6NKT	K.LNQSGTSGVT LNQSGT[S]16	3	-0.078	0.036	0.003	0	19.57	18	168			1.14
2490.015	12	P49792,A6NKT	K.LNQSGTSGVT LNQSGTSGVT[1	2	2.197	4.70E-11	0.003	0	108.32	18	168			1.27
1433.642	14	P49796	R.THSEGLLQEI THS[166.9984]	2	2.159	1.60E-06	0.002	0	63.33	18	85	3	1198	1.31
1306.604	5	P49796	K.DLPAIQESPTR DLPAIQES[166	2	0.875	4.20E-04	0.002	0	40.3	19	85	3	1198	1.49
1433.642	5	P49796	R.THSEGLLQEI THSEGS[166.99	3	0.371	0.014	7.00E-04	0	24.06	18	75	4	1198	0.47
2177.862	12	P49815	R.SQSGTLDGES SQS[166.9984]	2	2.159	3.80E-08	0.002	0	78.31	17	78	3	1807	0.75
1388.621	6	P49815	R.GQEPGLPSS QEPGLPSS[S]2	2	-1.092	0.039	0.002	0	19.62	18	20	3	1807	1.32
2177.862	13	P49815	R.SQSGTLDGES S[166.9984]Q	2	2.109	5.70E-10	0.002	0	96.48	17	96	3	1807	0.75
1250.614	8	P49815	K.ADVGRSLPEV ADVGRSL[166.9	3	0.065	0.025	9.00E-04	1	22.01	19	87	5	1807	0.7
2177.862	12	P49815	R.SQSGTLDGES SQSGT[181.01	2	2.119	1.80E-10	0.002	0	101.52	17	103	5	1807	0.75
1330.56	6	P49915	K.LTNMNTSPEE LTNMNTS[166.9	2	-0.677	0.015	0.002	0	23.81	18	24	1	693	1.81
1311.656	12	P49916	K.LTTTGTQVTSPT LTTTGTQVTS[1	2	1.712	6.00E-05	0.001	0	48.67	19	49	3	1009	1
1845.838	15	P50479	R.IHIDPEIQDGS IHIDPEIQDGS[1	3	1.291	0.001	-1.00E-04	0	34.85	18	60	2	330	-0.08
1823.651	6	P50502,Q8IZP2	K.ADEPSSSESDI ADEPSS[166.9	2	-0.351	0.007	-7.00E-04	0	25.02	16	71			-0.39
1823.651	11	P50502,Q8IZP2	K.ADEPSSSESDI ADEPSS[166.9	2	-0.707	0.015	-0.001	0	21.48	16	64			-0.55
1743.684	8	P50502,Q8IZP2	K.ADEPSSSESDI ADEPSS[166	2	2.038	2.80E-05	0.002	0	49.93	17	64			0.98
2415.949	11	P50548	R.GSVSDCSGDT GSVS[166.998	2	-1.006	0.031	0.003	0	20.49	18	20	1	548	1.21
2787.13	17	P50552	K.SSSVTTSETC SSSS[166.9984]	3	0.215	0.022	0.004	0	21.5	17	22	1	380	1.37
2787.13	20	P50552	K.SSSVTTSETC SSSS[166.9984]	3	0.343	0.016	0.004	0	22.78	17	23	1	380	1.37
3150.4	17	P50851	K.VEGSPTEAN VEGSPTEANL[3	3	0.11	0.023	0.002	0	22.44	19	67	5	2863	0.49
3150.4	21	P50851	K.VEGSPTEAN VEGS[166.9984]	3	1.224	1.80E-06	0.004	0	63.83	19	67	5	2863	1.19
3150.4	17	P50851	K.VEGSPTEAN VEGSPT[181.01	3	1.291	1.40E-06	0.004	0	64.98	19	75	6	2863	1.19
1382.621	7	P50851	K.ASPNVEAPQF AS[166.9984]P	2	-0.135	0.005	0.001	0	28.19	17	95	6	2863	0.85
1336.613	16	P50995	R.DAQELYAAAGI DAQELYAAAGEN	2	-0.606	0.014	-7.00E-04	0	22.49	16	22	1	505	-0.56
2812.169	9	P51114	R.RGPNYTSGYR RGNPNYTSGYGT	3	1.224	4.60E-05	8.00E-04	1	48.55	18	57	4	621	0.28
2812.169	18	P51114	R.RGPNYTSGYR RGNPNYTSGYGT	3	1.256	1.50E-04	8.00E-04	1	43.47	18	65	3	621	0.28
2892.136	22	P51114	R.RGPNYTSGYR RGNPNYTSGYGT	3	1.127	0.002	0.002	1	30.59	17	45	3	621	0.68
3599.431	11	P51114	K.DPDSNPYSLLI DPDSNPYSLLD	3	1.317	6.20E-04	0.005	0	34.65	15	65	3	621	1.47
3599.431	9	P51114	K.DPDSNPYSLLI DPDSNPYSLLD	3	0.973	0.004	0.006	0	27.07	15	65	3	621	1.61
3599.431	21	P51114	K.DPDSNPYSLLI DPDSNPYSLLD	4	0.777	0.005	0.005	0	25.43	15	65	4	621	1.28
3599.431	17	P51114	K.DPDSNPYSLLI DPDSNPYSLLD	3	1.393	1.10E-07	0.006	0	72.06	15	104	5	621	1.61
2236.913	11	P51116	R.TGGPAYGPSI TGGPAYGPSSD	2	-0.243	0.006	0.002	0	28.15	18	28	2	673	0.71
1440.662	9	P51523	K.SNSEGDLDGL SNS[166.9984]	2	2.159	1.20E-05	0.003	0	55.84	19	56	1	738	1.91
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1667.731	8	P52735	K.FTSPADLDAS FT[181.014]SP/ 2	0.451	0.001	0.002	0	36.04	19	36	2	878	1.04
1405.599	8	P52926	K.QQEQPTGEP/ QQEQPTGEP/ 2	0.206	0.002	0.002	0	31.61	17	86	2	109	1.71
2203.84	12	P52926	K.KPAQEETET KPAQEETETSS 2	2.119	5.20E-06	0.002	0	58.19	18	77	2	109	0.79
1804.757	6	P52943	R.ASSVFTTGEI ASS[166.9984] 2	-0.422	0.008	0.001	0	27.33	19	27	1	208	0.68
1973.776	8	P52948	R.DSENLASPSE DSENLAS[166.9 2	2.159	1.90E-07	0.002	0	72.34	18	142	5	1817	0.92
1971.749	16	P52948	K.YGLQDSDEEE YGLQDS[166.9 3	1.291	3.50E-04	0.002	0	36.7	15	142	5	1817	1.01
1343.53	5	P52948	K.ADTSQDEICSP ADTSQDEIC[160. 2	-0.64	0.013	0.002	0	23.13	17	155	6	1817	1.56
1973.776	7	P52948	R.DSENLASPSE DSENLAS[161 2	2.084	7.60E-06	0.002	0	56.32	18	128	4	1817	0.92
1119.523	5	P53367	R.KWSLNTYK C.KWS[166.9984] 2	-0.338	0.007	0.001	1	27.17	18	27	2	373	1.16
2711.169	6	P53367	K.NSAAEIPVTS NSAAEIPVTSN( 3	0.949	0.004	0.003	1	30.83	19	40	3	373	1.23
991.428	5	P53367	K.WSLNTYK.C WSL[166.9984] 2	-1.034	0.032	8.00E-04	0	19.21	17	40	3	373	0.76
1323.594	8	P53621	K.NLSPGAVESD NLS[166.9984] 2	0.655	6.50E-04	0.002	0	37.1	18	37	1	1224	1.57
2406.107	14	P53814	K.TTSPPEQESPI TTS[166.9984] 3	0.437	0.012	0.002	0	25.71	19	26	1	917	0.66
2406.107	23	P53814	K.TTSPPEQESPI TTSPEQES[161 3	0.153	0.023	0.002	0	22.89	19	23	2	917	0.66
1067.483	6	P53999	R.DDNMFQIGK DDNMFQIGK 2	1.965	3.30E-05	0.002	0	48.2	16	48	3	127	1.48
2645.03	8	P54105	K.EPVADEEEEPVADDEEEEDS 2	0.879	4.20E-04	0.005	0	38.34	17	58	3	237	1.75
1845.727	11	P54259	R.SEEISESEEEI SEEIS[166.9984 2	1.593	7.20E-05	-0.002	0	47.48	19	47	1	1190	-1.35
2630.11	29	P54725	K.SPSEESAPPTS S[166.9984]PSE 3	0.051	0.027	0.002	0	20.85	18	34	2	363	0.83
3002.275	23	P54725	R.EDKSPSEESAI EDKSPS[166.99 3	0.274	0.017	-0.002	1	23.06	18	23	3	363	-0.5
3002.275	14	P54725	R.EDKSPSEESAI EDKS[166.9984 3	1.206	0.002	-0.002	1	32.42	18	51	4	363	-0.5
2630.11	13	P54725	K.SPSEESAPPTS SP[166.9984]E 2	0.584	7.60E-04	0.005	0	36.42	18	51	4	363	1.82
3002.275	12	P54725	R.EDKSPSEESAI EDKSPSEES[166 3	1.204	7.30E-04	-0.002	1	36.61	18	37	3	363	-0.5
1962.775	11	P55011	K.EPFEDGFANC EPFEDGFANGE 2	0.559	8.30E-04	-2.00E-04	0	34.14	16	34	3	1212	-0.1
1962.775	11	P55011	K.EPFEDGFANC EPFEDGFANGE 2	0.692	6.10E-04	-2.00E-04	0	35.47	16	35	4	1212	-0.1
953.603	6	P55060	K.IIPEIQK.V IIPPEIQK 2	-0.192	0.005	0.001	0	26.63	13	24	1	971	1.3
2281.986	12	P55081	K.IVEPEVVGESI VEPVEVVGES[1 2	2.159	1.10E-06	0.002	0	65.8	19	66	2	439	0.96
2281.986	11	P55081	K.IVEPEVVGESI VEPVEVVGESD 2	1.944	9.50E-08	0.002	0	76.45	19	76	2	439	0.96
1516.679	8	P55196	R.SSPNVANQPS SPPNVANQPPS 2	2.159	2.00E-05	0.001	0	52.75	18	68	4	1824	0.82
1197.558	6	P55196	R.TISNPEVVMK TIS[166.9984]N 2	0.316	0.002	0.001	0	33.71	18	68	4	1824	1.18
1302.573	9	P55196	R.LFSQGDQVSN LFS[166.9984]C 2	1.605	8.10E-05	0.002	0	47.58	19	92	3	1824	1.71
1936.729	15	P55201	K.DGQDTSAAEI DGQDTS[166.9 2	1.273	1.50E-04	0.004	0	44.28	19	44	2	1214	1.8
1923.837	12	P55265	K.TAESQTPPTS TAESQT[181.01 2	1.542	9.00E-05	0.004	0	45.97	18	46	2	1226	1.93
1705.762	11	P55735	K.GGQSVSASVY GGQSVSASVTE 2	1.944	1.80E-06	6.00E-04	0	63.93	19	64	1	322	0.37
4538.027	22	P55884	R.TEPAAEAEA TEPAAEAEAAS 4	0.293	0.016	0.006	0	23.5	18	24	1	814	1.33
4538.027	16	P55884	R.TEPAAEAEA TEPAAEAEAAS 4	-0.057	0.036	0.006	0	20.04	18	20	3	814	1.33
4538.027	24	P55884	R.TEPAAEAEA TEPAAEAEAAS 4	0.005	0.022	0.006	0	22.26	18	22	3	814	1.33
1390.502	9	P56211,04376	K.YFDSGDYNNM YFDS[166.9984 2	2.159	6.10E-06	0.002	0	53.61	14	54	2	1084	2.2
2630.125	11	P56524	K.QEPISEDEEE QEPIES[166.99 3	-0.112	0.038	0.006	1	19.22	18	19	2	345	1.45
1474.705	7	P57682	K.RPLPVPSTP RPLPVPES[166.9 2	-0.938	0.025	0.002	0	22.17	19	22	1	945	1.45
1472.688	6	P58107	K.TLDELQSGTT T[181.014]DEI 2	2.127	2.60E-05	0.002	0	51.82	18	80	4	5090	1.43
2075.017	19	P58107,P58107	R.QVASELHSTS QVS[166.9984 3	1.076	0.003	0.004	0	31.08	18	80	4	5090	1.95
1432.622	4	P58107,P58107	R.AEAEAGSPRF AEAEAGS[166.1 2	-1.174	0.049	0.002	0	18.82	18	19	1	16	0.59
1458.722	7	P60174	R.HVFGESDELIC HVFGESDELIC 3	-0.049	0.035	9.00E-04	0	20.86	19	21	1	286	0.59
1849.844	15	P60468	M.PGPTPSGTN PGPTPSGTNVG 3	1.153	0.002	0.001	1	32.85	19	73	3	96	0.65
1929.81	10	P60468	M.PGPTPSGTN PGPTPSGTNVG 2	-0.303	0.006	0.003	1	28.52	19	73	3	96	1.59
1849.844	12	P60468	M.PGPTPSGTN PGPTPSGTNVG 2	0.872	4.70E-04	0.002	1	39.27	18	52	3	96	0.92
1849.844	9	P60468	M.PGPTPSGTN PGPTPSGT[181 2	-0.776	0.021	0.002	1	22.77	18	28	4	96	0.92
1204.482	8	P60468	R.TTSAGTGGM TTS[166.9984] 2	-0.958	0.032	9.00E-04	0	18.96	16	46	4	96	0.78
1544.686	7	P60660	K.DQGTVEDYVE DQGTVEDYVEG 2	2.119	1.10E-05	0.002	0	55.43	19	55	1	151	1.53
976.448	7	P60709,ASA3E	K.AGFAGDDAP AGFAGDDAPR 3	0.29	0.002	9.00E-04	0	34.45	19	167	1	0.94	0.43
1516.703	14	P60709,ASA3E	K.QEYDESGPSV QEYDESGPSVH 3	1.275	0.002	6.00E-04	0	34.07	19	167	1	0.94	0.43
1870.858	7	P60709,ASA3E	K.SYELPDGQVIT SYELPDGQVIT 2	0.169	0.002	0.003	0	33.24	19	167	1	1.43	1.39
1790.892	18	P60709,ASA3E	K.SYELPDGQVIT SYELPDGQVIT 2	0.32	0.002	0.002	0	33.75	18	167	1	1.43	1.39
1161.618	5	P60709,P6273E	K.EITALAPSTMI EITALAPSTMK 2	0.111	0.002	0.001	0	29.66	16	167	1	1.07	2.06
1198.522	9	P60709,P6273E	K.DSYVGDQEAQ DSYVGDQEAQSK 2	2.119	5.40E-06	0.002	0	58.56	18	226	6	167	1.31
998.486	5	P60709,P6273E	R.DLTDYLMK I DLTDYLMK 2	0.579	9.20E-04	0.001	0	34.34	16	167	1	1.31	0.95
1132.527	7	P60709,P6326J	R.GYSFTTAAER GYSFTTAAER 2	-0.291	0.006	0.002	0	27.62	18	168	1	1.7	1.36
1954.064	9	P60709,P6326J	R.VAPEEHPVLL VAPEEHPVLLTE 3	0.212	0.021	0.003	0	17.44	13	167	1	1.7	1.36
1169.584	7	P60842	K.DQYDIFQK L DQYDIFQK 2	0.069	0.003	0.002	0	31.24	18	31	1	406	0.87
1539.66	10	P60981	K.HECOANGPEI HEC[160.0307] 2	-0.739	0.017	0.001	0	24.16	19	24	2	165	0.87
1370.551	6	P61247	R.ADGYEPPVQI ADGYEPPVQES 2	-0.876	0.023	0.002	0	20.79	17	21	1	264	1.42
1411.592	5	P61247	K.LMELHGEQSS LMELHGEQSSS 2	-0.828	0.021	0.001	0	23.25	19	23	2	264	0.94
1922.838	16	P61966	K.AIEQADLQEI AIEQADLQEEC 2	-1.121	0.039	0.001	0	20.34	19	20	1	158	0.7
1078.355	4	P61978	R.DYDDMSPR.F DYDDMS[166.9 2	-0.331	0.006	0.001	0	22.24	13	80	6	463	1.11
1234.456	8	P61978	R.RDYDDMSPR RDYDDMS[166. 2	-0.203	0.005	7.00E-04	1	25.52	15	121	7	463	0.59
1106.515	5	P61978	R.NTDEMVELR NTDEMVELR 2	0.628	7.50E-04	9.00E-04	0	36.83	18	80	6	463	0.76
1579.706	11	P61978	K.RPAEMEEER RPAEMEEEQ/ 3	0.551	0.01	1.00E-04	0	23.83	16	121	7	463	0.09
1780.798	8	P61978	R.TDYNASVSP TDYNASVSPD/ 2	-0.19	0.005	0.002	0	28.65	18	121	7	463	0.95
2193.88	15	P61981	R.DNLTWTSQI DNLTWTSQDC 2	2.159	1.20E-06	0.003	0	63.76	17	126	5	247	1.45
1643.787	10	P61981	K.NVTLENEPSI NVTLENEPSNE 2	2.159	5.30E-07	0.002	0	67.54	17	126	5	247	1.05
907.525	5	P61981,P2734E	R.NLLSVAYK.N NLLSVAYK 2	-0.794	0.019	5.00E-04	0	21.62	17	138	1	523	1.21
1909.815	9	P62070	K.FQEQCPSPP FQEQC[160.0: 3	0.022	0.031	0.002	1	21.54	19	37	4	204	0.99
1781.72	16	P62070	K.FQEQCPSPP FQEQC[160.0: 2	0.278	0.002	0.002	0	33.33	18	37	4	204	1.21
1909.815	13	P62070	R.KFQEQCPSPP KFQEQC[160.( 3	-0.133	0.043	0.002	1	20.01	19	36	4	204	1.21
1909.815	10	P62070	K.FQEQCPSPP FQEQC[160.0: 3	0.094	0.026	0.002	1	22.29	19	64	5	204	1.21
1909.815	14	P62070	R.KFQEQCPSPP KFQEQC[160.( 2	-0.73	0.016	0.002	1	24.24	19	48	5	204	0.9
1265.612	8	P62158	K.DGNGVISAEE DGNGVISAEEI 2	2.159	2.00E-05	0.002	0	52.7	18	63	3	149	1.16
1596.714	9	P62158	K.DTDSSEEEIRE# DTDSSEEEIREAF 3	0.188	0.022	0.001	1	22.2	18	63	3	149	0.88
956.472	5	P62158,P2748E	K.EAFSLFK.D EAFSLFK 2	-0.534	0.011	0.001	0	22.21	15	63	3	149	1.29
1289.549	10	P62258	K.EALQDVEDEN EALQDVEDENC 2	2.119	4.30E-06	0.001	0	58.75	18	60	3	255	1.12
2180.94	12	P62258	R.DNLTWTSQI DNLTWTSQNM/ 2	1.944	5.30E-06	0.002	0	59.04	19	115	4	255	0.71
1509.683	6	P62263	R.IEDVTPSPDS IEDVTPSPDST[ 2	1.769	5.10E-05	0.002	0	48.24	18	48	1	151	1.63
1509.683	7	P62263	R.IEDVTPSPDS IEDVTPSPDS[1 2	2.127	3.20E-06	0.002	0	60.25	18	60	1	151	1.63
1403.676	11	P62269	K.RAGELTEDEV RAGELTEDEVEI 3	0.632	0.007	7.00E-04	1	26.67	18	27	1	152	0.51
1207.515	12	P62491,Q1590	R.DDEYDYLFK.D DDEYDYLFK 2	-0.508	0.01	0.002	0	24.47	17	24	1	162	1.62
1775.642	12	P62633	K.DCDLQEDACI DC[160.0307]D 2	2.159	3.00E-08	6.00E-04	0	75.66	13	76	1	177	0.34
1057.519	4	P62750	K.IRTSPTR.R IRTS[166.9984] 2	-1.047	0.037	0.001	1	20.08	18	40	2	156	0.94
1404.701	8	P62750	R.LAPDYDALDV LAPDYDAL										

1747.632	8	P67809	K.NEGSESAPG NEGS[166.998] 2	0.217	0.002	0.003	0	27.72	13	341	14	324	1.61
1667.666	12	P67809	K.NEGSESAPG NEGS[166.99] 2	2.159	1.40E-07	0.003	0	72.36	16	371	13	324	2
1768.681	12	P67809	R.NYQQNYQNS NYQQNYQNS[1 2	-0.055	0.004	0.001	0	28	16	371	13	324	0.7
1688.715	11	P67809	R.NYQQNYQNS NYQQNYQNS[1 2	2.172	1.90E-07	0.001	0	71.74	17	324	10	324	0.69
1897.805	10	P67809	K.AADPPAENS AADPPAENSSA 2	0.385	0.001	0.001	0	34.4	18	371	13	324	0.7
1667.666	9	P67809	K.NEGSESAPG NEGS[166.998] 2	2.172	1.30E-06	0.003	0	62.54	16	324	10	324	2
1977.771	18	P67809	K.AADPPAENS AADPPAENSS[1 2	2.127	1.30E-06	0.002	0	62.5	16	358	11	324	0.96
1768.681	13	P67809	R.NYQQNYQNS NYQQNYQNS[1 2	0.706	6.40E-04	0.003	0	35.64	16	293	13	324	1.6
1614.772	19	P67936	K.IQALQQQADI IQALQQQADEA 2	2.119	1.90E-06	0.001	0	63.21	18	73	2	248	0.76
1243.653	8	P67936,P0675	R.IQLVEELDR.IQLVEELDR 2	-0.21	0.005	0.001	0	26.45	16	73			1.02
975.551	9	P68104,Q0563	R.LPLQDVYK.LPLQDVYK 2	-0.145	0.004	0.001	0	26.1	15	86			1.18
1025.61	8	P68104,Q0563	K.IGGIGTVPVGI IGGIGTVPVGR 2	2.119	3.60E-07	7.00E-04	0	65.41	13	99			0.66
914.567	4	P68104,Q0563	R.QTVAVGVK.QTVAVGVK 2	0.105	0.002	6.00E-04	0	31.61	18	95			0.71
1161.591	6	P78312	K.LVLAESPQK.LVLAES[166.99] 2	-0.636	0.015	7.00E-04	0	25.17	19	25	3	1265	0.61
1767.704	14	P78316	K.RFGEYNSNM RFGEYNSNMS[ 2	0.466	0.001	0.002	1	33.21	16	60	3	857	1.16
1611.603	6	P78316	R.FGEYNSNMS FGEYNSNMS[1] 2	1.55	9.70E-05	0.002	0	42.05	14	60	3	857	1.4
1644.646	9	P78316	K.MNVEEDVQE MNVEEDVQEE[ 2	-0.92	0.024	0.002	0	20.38	17	91	3	857	0.89
3284.365	20	P78332	R.EGETQGVAFI EGETQGVAFEH 3	1.291	3.40E-04	0.002	0	40.24	18	40	1	1123	0.74
875.348	4	P78344	R.FSPTMGR.H FS[166.9984]PT 2	-0.869	0.021	-2.00E-04	0	16.86	13	17	1	907	-0.24
1865.81	12	P78346	K.KPRPSEGED KPRPS[166.998 3	1.224	2.70E-04	0.002	0	41.5	18	47	2	268	0.81
1352.628	8	P78347	R.SILSPGSGCG SILS[166.9984] 2	-0.439	0.009	0.002	0	26.16	18	26	1	998	1.65
1220.652	6	P78386	R.ATAENEFVWL ATAENEFVWLK 2	0.555	9.20E-04	0.001	0	36.05	18	36	1	507	1.14
1628.578	13	P78504	R.THNSEVEDC THNS[166.9984] 2	2.197	1.80E-05	0.002	0	47.82	13	48	1	1218	1.31
2394.976	12	P78527	K.LTLPEDNSM LTPEDNS[166 2	2.159	4.60E-06	0.002	0	58.84	18	88	5	4128	0.82
1496.642	7	P78536	K.SFEDLTHPV S[166.9984]FE 2	1.654	6.80E-05	0.002	0	47.09	18	47	1	824	1.39
1466.641	14	P80723	K.PTAAATEAPS ETPAAATEAPST 2	-0.947	0.027	-2.00E-04	0	22.08	19	22	1	227	-0.15
1485.605	9	P81274	R.RHSMENMEL RHS[166.9984] 3	1.291	7.70E-04	7.00E-04	1	35.98	17	36	1	684	0.5
3092.449	19	P82094	R.SATPVNCEOF S[166.9984]ATI 3	-0.096	0.037	0.004	0	20.36	19	39	6	1093	1.37
1559.647	8	P82094	R.SVSEINSDDEL SVSEINS[166.99 2	0.091	0.002	9.00E-04	0	30.44	17	47	6	1093	0.56
3092.449	15	P82094	R.SATPVNCEOF SAT[181.014]PI 3	0.237	0.017	0.004	0	23.71	19	44	3	1093	1.37
1532.699	8	P82094	K.SNTEPQSPPIA SNTEPQSPPIAS 2	-1.114	0.042	0.001	0	20.4	19	43	8	1093	0.91
875.45	6	P84077,P6120	K.LGLHSR.H LGLHS[166.998 2	0.54	9.00E-04	5.00E-04	0	34.95	17	35			0.62
1630.774	9	P84077,P6120	K.QDLPNAMNA QDLPNAMNAA 2	1.56	8.00E-05	0.002	0	47.16	19	47			1.3
1964.743	8	P84157	K.GPSSGPEEEI GPS[166.9984] 2	1.869	3.80E-05	0.002	0	48.24	17	48	1	204	1.21
1964.743	10	P84157	K.GPSSGPEEEI GPS[166.9984] 2	2.021	3.20E-06	0.002	0	59.05	17	59	1	204	1.21
2942.243	20	P85037	R.SGGLQTPCEL SGGGLQTPEC[16 3	0.252	0.017	0.001	1	23.84	19	33	5	733	0.46
2266.092	10	P85037	K.EEAPASPLRPI EEAPAS[166.99 3	0.56	0.009	0.004	0	24.92	17	33	5	733	1.96
1384.593	11	P85037	R.SGGLQTPCEL SGGGLQTPEC[16 2	-0.986	0.032	0.001	0	19.69	17	33	5	733	0.9
1576.668	11	P85037	R.EGSPHPDPEI EGS[166.9984] 2	-1.121	0.04	0.002	0	19.32	18	36	6	733	1.32
1694.782	18	P86452	R.SESPVAEQ SES[166.9984]F 2	-0.343	0.007	0.002	0	27.12	18	27	1	979	1.48
1694.782	18	P86452	R.SESPVAEQ S[166.9984]EF 2	0.187	0.002	0.002	0	32.4	18	32	1	979	1.48
1290.584	8	P98175	K.LASDDRPSPPI LASDDRPS[166. 2	-0.086	0.004	-2.00E-04	0	30.69	19	93	2	930	-0.14
1562.71	10	P98175	R.AHLSENELEA AHLHS[166.9984 2	2.159	1.70E-06	0.002	0	64.8	20	96	3	930	1.52
1859.795	12	Q00341	K.VATLNSEESI VATLNS[166.99 2	1.616	7.90E-05	0.002	0	47.71	19	48	1	1268	0.8
1921.877	19	Q00341	K.DDGNQPDQC DDGNQPDQCI 2	-1.208	0.046	5.00E-04	0	18.45	18	42	3	1268	0.26
928.432	5	Q00536	R.QLSMTRL.G QLS[166.9984] 2	-1.116	0.044	7.00E-04	0	18.39	17	18	1	496	0.8
1185.533	5	Q00537	R.RISMEDLNK.RIS[166.9984]N 2	-0.66	0.014	0.002	1	22.95	17	18	2	523	1.34
2837.124	22	Q00537	K.MGSDGSDO MGSDGSDQDA 3	1.291	0.001	0.003	0	33.48	17	39	2	523	0.93
1244.603	8	Q00537	R.RASLSIEFGH RAS[166.9984] 2	-1.06	0.036	0.001	1	20.95	19	37	3	523	1.16
1160.546	8	Q00587	R.RSDLSLFR.L RSDS[166.9984 2	1.631	6.80E-05	9.00E-04	1	46.86	18	70	2	391	0.74
1004.445	6	Q00587	R.SDLSLFR.L SDS[166.9984] 2	1.025	2.70E-04	7.00E-04	0	41.8	19	70	2	391	0.66
1334.633	12	Q00610	K.IYIDNSNNPEF IYIDNSNNPER 2	-0.61	0.013	0.002	0	24.45	18	24	1	1675	1.59
2167.966	9	Q00613	R.GHTDTEGRPI GHTDTEGRPPS 3	0.248	0.017	0.002	0	23.8	19	24	3	529	0.98
2247.932	19	Q00613	R.GHTDTEGRPI GHTDTEGRPPS 2	-0.778	0.02	0.001	0	22.76	18	30	4	529	0.53
1380.523	6	Q00613	K.EEPPSPQSPF EEPPS[166.998 2	-0.651	0.014	8.00E-04	0	22.02	16	22	7	529	0.56
3206.406	25	Q00839	R.LQAALDDEEA LQAALDDEEAG 3	1.291	1.90E-06	0.001	0	63.68	19	82	3	825	0.36
1291.584	7	Q00839	R.GYFYEIENK.GYFYEIENK 2	0.707	6.40E-04	0.002	0	36.62	17	82	3	825	1.8
1559.65	9	Q01082	K.NEIDNVEEDY NEIDNVEEDYQI 2	-0.226	0.006	0.002	0	27.29	17	70	7	2364	1.1
1833.813	16	Q01082	K.GEQVSONGLI GEQVSONGLIPA 3	1.291	8.20E-04	0.002	0	35.28	17	70	7	2364	0.94
1432.539	6	Q01082	K.ESSPIPSPSDI ESS[166.9984]F 2	-1.087	0.035	0.002	0	17.68	16	70	7	2364	1.07
1432.539	8	Q01082	K.ESSPIPSPSDI ESS[166.9984]F 2	-0.002	0.003	0.002	0	26.53	14	70	7	2364	1.76
1560.634	8	Q01082	K.ESSPIPSPSDI ESS[166.9984]F 2	-0.015	0.003	0.004	1	29.4	17	70	7	2364	2.35
1432.539	8	Q01082	K.ESSPIPSPSDI ES[166.9984]SF 2	0.706	6.30E-04	0.002	0	33.64	14	69	7	2364	1.76
1203.596	5	Q01082	R.DQNTVETLQF DQNTVETLQR 2	-1.066	0.036	0.002	0	20.92	19	69	7	2364	1.24
2195.021	15	Q01105	K.EQEQAEIHDI EQEQAEIHDEIV 3	1.291	4.60E-04	0.003	0	40.17	19	63	2	290	1.52
1353.63	14	Q01105	R.LNEQASEEIK LNEQAS[166.99 2	1.043	3.00E-04	0.002	0	41.98	19	63	2	290	1.33
1754.8	13	Q01167	R.EGSPAPLEPEI EGS[166.9984] 2	1.297	1.70E-04	0.002	0	43.52	18	44	1	660	0.84
1518.675	6	Q01196	R.RFTPPSTALSF RFT[181.014]PI 2	-0.74	0.018	0.002	1	23.14	18	23	2	453	0.97
1781.77	11	Q01650	K.SADGAPAGI S[166.9984]AD 2	2.159	7.50E-08	-1.00E-04	0	75.33	17	75	1	507	-0.03
1272.587	8	Q01664	R.FIQELSGSPK FIQELSGSS[166 2	0.971	3.40E-04	0.002	0	40.26	18	77	2	338	1.3
1669.663	10	Q01664	K.DEGIGSPDIW DEGIGS[166.99 2	2.159	9.00E-06	7.00E-04	0	54.17	16	77	2	338	0.43
1829.744	5	Q01804	K.EESSEDENEV.EESS[166.9984] 2	0.009	0.009	0.002	0	25.03	17	34	2	1113	1.19
1829.744	11	Q01804	K.EESSEDENEV.EES[166.9984]S 2	-0.57	0.011	0.002	0	23.85	17	24	2	1113	1.19
1507.61	6	Q01804	R.ESNYFGLSPEI ESNYFGLS[166. 2	-0.354	0.007	0.002	0	25.01	16	34	2	1113	1.5
1194.519	7	Q01813	R.SFAGNLNTYK S[166.9984]FA 2	-0.272	0.006	0.001	0	27.88	18	28	2	784	1.21
1837.822	7	Q01814	K.SATSSSPGSP SATSSSPGSPH[ 2	-0.937	0.03	0.002	0	22.18	19	22	1	1243	1.3
1040.441	6	Q01970	K.SLGDGLNRC S[166.9984]LGI 2	0.323	0.002	0.001	0	32.77	17	33	1	1234	1.34
2327.937	18	Q02078	R.GCDSPDPDTS GC[160.0307]D 3	0.123	0.023	0.003	0	23.57	20	24	1	507	1.17
2044.893	13	Q02241	K.YMLTHQELAS YMLTHQELAS[1 3	0.153	0.022	0.002	0	22.85	19	64	3	960	0.99
2569.12	15	Q02241	R.RSSTVAPAQR RS[166.9984]S 3	1.291	3.60E-06	0.002	1	59.77	18	64	3	960	0.81
2569.12	22	Q02241	R.RSSTVAPAQR RS[181.014]V 3	1.127	3.00E-05	0.002	1	50.55	18	62	3	960	0.81
2413.019	8	Q02241	R.SSTVAPAQRD SST[181.014]V 2	-0.141	0.004	0.004	0	30.14	19	62	3	960	1.57
2413.019	10	Q02241	R.SSTVAPAQRD S[166.9984]STV 2	1.533	8.60E-05	0.004	0	46.87	19	93	4	960	1.57
1893.761	10	Q02410	R.SNSQENVEAS SNS[166.9984] 2	-0.261	0.006	0.003	0	26.93	17	27	1	837	1.41
2578.054	11	Q02446	K.ENNVSQPASS ENNVSQPASS[ 3	-0.143	0.047	0.004	0	18.91	18	19	3	784	1.73
1405.524	9	Q02487	R.GSVAGSVGCI GS[166.9984]V 2	0.594	7.80E-04	0.002	0	31.49	13	31	2	901	1.07
1405.524	8	Q02487	R.GSVAGSVGCI GSVAGSVGCI 2	-1.035	0.032	0.001	0	15.2	13	34	2	901	0

1560.617	5	Q03164	K.AQGOESDSE AQGOESDS[164	2	-0.735	0.015	0.003	0	21.2	16	79	4	3969	1.77
2101.918	5	Q03164	R.SREDSPELNPI SREDS[166.998	3	0.011	0.034	-0.001	1	23.45	21	39	8	3969	-0.66
1560.617	5	Q03164	K.AQGOESDSE AQGOESDS[16	2	-0.358	0.006	0.003	0	24.97	16	60	7	3969	1.77
1843.767	6	Q03188	R.CSLEPESLEDE [160.0307]S[1	2	0.032	0.003	0.002	0	30.87	19	31	3	943	1.32
1204.572	9	Q03252	R.AGGPATPLSP AGGPATPLS[16	2	-0.164	0.005	0.002	0	29.89	19	30	4	600	1.35
1204.572	11	Q03252	R.AGGPATPLSP AGGPATPLSP[2	2	-1.194	0.049	0.002	0	19.61	19	20	7	600	1.35
1348.574	9	Q03252	R.ATSSSGSLSA ATS[166.9984]I	2	1.971	3.60E-05	0.002	0	50.24	18	51	5	600	1.47
3132.142	15	Q03701	R.SQLDDHPESD SQLDDHPES[16	3	1.291	4.50E-04	0.001	0	37.06	16	37	1	1054	0.44
1198.524	7	Q04637	K.AALSEEELEKI AALS[166.9984	2	0.986	2.90E-04	0.002	0	41.39	19	82	6	1599	1.39
1561.637	14	Q04637,O4343	K.NHDEESLECLI NHDEESLEC[16	2	-0.018	0.003	0.003	0	28.35	16	82	2	2.02	2.02
1896.775	18	Q04721	K.AEDEALLSEEL AEDEALLS[166.	2	0.54	8.30E-04	0.002	0	35.95	18	36	1	2471	1.11
1821.775	10	Q04724	K.DASSSPASTA; DASS[166.998	2	0.538	8.30E-04	0.002	0	35.93	18	36	1	770	1.07
1821.775	13	Q04724	K.DASSSPASTA; DAS[166.9984]	2	0.34	0.001	0.002	0	33.96	18	34	1	770	1.07
1843.796	14	Q04726	K.DAPTPASVA DAPTS[166.998	2	2.159	3.40E-07	0.002	0	70.51	18	117	6	772	1.14
1643.691	11	Q04726	R.ESSANNVSP ESSANNVS[16	2	2.159	1.20E-06	0.004	0	63.56	17	117	6	772	2.19
1928.834	9	Q04726	R.ERESSANNV ERESSANNVS[2	2	-0.713	0.017	0.001	1	24.42	19	24	2	772	2.19
2121.884	7	Q04917	R.DNLTLWTSDC DNLTLWTSDC[2	2	-0.005	0.003	0.001	0	30.5	18	30	2	246	0.51
1216.536	7	Q05209	K.SFDGNTLNR S[166.9984]FDX	2	0.398	0.001	0.002	0	35.53	19	83	4	780	2.07
930.433	5	Q05209	R.NLSFEIK NLS[166.9984]I	2	-0.629	0.015	5.00E-04	0	25.26	19	83	4	780	0.54
1731.747	10	Q05209	K.DVDVSEDSPP DVDVSEDS[166	2	2.159	1.40E-05	0.002	0	53.91	18	83	4	780	1.16
2367.985	9	Q05209	K.VSVTPPEESQI VSVT[181.014]	3	0.039	0.028	0.003	0	20.74	18	100	4	780	1.11
1825.568	5	Q05519	K.VNGDDHHEE VNGDDHHEED[1	2	0.416	0.001	0.002	0	29.71	13	51	2	484	0.93
1686.569	11	Q05519	R.DYDEEEQGYI DYDEEEQGYD[2	2	0.832	4.50E-04	0.002	0	33.87	13	51	2	484	0.93
2036.896	5	Q05655	R.RSDSASSEPV RS[166.9984]D;	2	-0.864	0.022	0.002	1	21.91	18	63	5	676	0.95
2036.896	12	Q05655	R.RSDSASSEPV RSDSAS[166.99	3	1.291	0.002	0.002	1	33.38	18	63	5	676	1.14
1880.795	15	Q05655	R.SDSASSEPV S[166.9984]D;	2	1.289	1.50E-04	0.003	0	44.44	19	63	5	676	1.56
1880.795	12	Q05655	R.SDSASSEPV S[166.9984]D;	2	-0.512	0.009	0.003	0	26.43	19	37	3	676	1.56
1880.795	10	Q05655	R.SDSASSEPV S[166.9984]D;	2	-1.007	0.035	-7.00E-04	0	21.47	19	89	6	676	-0.35
2036.896	9	Q05655	R.RSDSASSEPV RSDS[166.9984	3	0.127	0.023	0.002	1	21.62	18	60	3	676	1.14
1809.7	15	Q05655	K.TGVAGEDMTC TGVAGEDMQD[2	2	1.165	2.20E-04	8.00E-04	0	39.19	15	111	7	676	0.44
1335.558	6	Q05032	K.LEDNPPSGSPI LEDNPPSGS[16]	2	1.292	1.60E-04	0.002	0	44.47	19	108	4	466	1.85
2054.891	9	Q05032	K.NGTSGSDSPC NGTSGSDS[166	2	0.614	7.10E-04	-3.00E-04	0	36.69	18	108	4	466	-0.14
2058.859	11	Q05032	K.SQVNGEAGS S[166.9984]QV	2	2.159	1.40E-06	0.002	0	63.16	17	108	4	466	0.81
2054.891	12	Q05032	K.NGTSGSDSPC NGTSGS[166.9	2	1.279	1.50E-04	-3.00E-04	0	43.33	18	122	5	466	-0.14
1335.558	7	Q05032	K.LEDNPPSGSPI LEDNPS[166.99	2	1.075	2.60E-04	0.002	0	42.28	19	123	4	466	1.85
1604.691	10	Q06210	R.VDSTTCLFVPI VDS[166.9984]	2	-1.13	0.046	0.002	0	18.23	17	18	3	699	1.39
1458.613	20	Q06210	R.GYDSAGVGI GYDSAGVGFDC[2	2	1.713	5.80E-05	0.002	0	46.68	17	63	3	699	1.16
1283.54	8	Q06265	K.APIDTSDVEE APIDTS[166.99;	2	2.119	1.80E-05	0.002	0	52.47	18	52	1	439	1.44
2473.981	23	Q06587	R.GGGAGGSSV GGGAGGSSVG[3	2	1.291	5.90E-04	0.003	0	37.51	18	38	3	406	1.23
1211.674	14	Q06830,P3211	R.QITVNDLPVG QITVNDLPVGR	2	-0.759	0.017	0.001	0	21.97	17	22	2	102	1.02
920.509	9	Q06830,Q1316	R.GLFIIDDK G GLFIIDDK[2	2	-0.965	0.031	0.001	0	17.88	15	18	1	1.35	1.35
3211.369	18	Q07157	R.EDSSGMHHE EDSSGMHHEH[4	2	0.066	0.025	0.003	0	20.23	17	74	10	1748	0.8
1538.721	16	Q07157	K.SREDSLAQPV S[166.9984]REI	2	0.916	4.10E-04	0.002	1	40.71	19	77	8	1748	1.3
2225.996	15	Q07157	R.LEEPTPAPSTS LEEPTPAPSTS[3	2	1.224	0.002	0.004	0	33.16	18	77	8	1748	1.59
1538.721	8	Q07157	K.SREDSLAQPV SREDS[166.99	3	1.193	0.002	0.001	1	32.94	18	92	7	1748	0.65
2464.068	6	Q07157	K.QPYSPRPFDD QPYSPRPFDD[3	2	0.416	0.012	0.004	0	25.51	19	78	11	1748	1.61
1482.699	9	Q07157	R.IDSPGFKPASC IDSPGFKPASC[1	2	-0.107	0.046	9.00E-04	0	19.27	18	71	9	1748	0.59
1809.765	17	Q07157	R.DDISEIQLAS DDISEIQLAS[1.	3	0.422	0.013	0.002	0	24.55	18	71	8	1748	1.29
3211.369	17	Q07157	R.EDSSGMHHE EDSSGMHHEH[4	2	-0.244	0.004	0.003	0	28.25	17	92	7	1748	0.8
1169.52	6	Q07157	K.EISQDSLAAE EISQDS[166.99;	2	-1.045	0.036	0.001	0	21.1	19	52	9	1748	0.96
1169.52	6	Q07157	K.EISQDSLAAE EIS[166.9984]C	2	-0.929	0.03	0.001	0	22.24	19	77	10	1748	1.14
1111.599	4	Q07157	R.DNSILPDLK I DNSILPDLK[2	2	-0.459	0.01	0.002	0	22.94	15	71	9	1748	1.31
1809.765	12	Q07157	R.DDISEIQLAS DDISEIQLASD[3	2	0.923	0.004	0.002	0	29.6	18	93	8	1748	1.29
1464.594	6	Q07666	R.SGSDMPSGA SG[S[166.9984]	2	0.173	0.002	0.002	0	32.28	18	37	2	443	1.35
1752.807	8	Q07666	K.KDDEENYLDL KDDEENYLDLFS	3	0.916	0.004	0.002	1	29.46	18	44	4	443	1.2
1464.594	7	Q07666	R.SGSDMPSGA S[166.9984]GS	2	-0.628	0.014	0.002	0	24.27	18	24	2	443	1.35
1624.713	9	Q07666	K.DDEENYLDL DDEENYLDLFS[3	2	0.182	0.02	0.002	0	22.17	18	53	4	443	1.39
1241.603	8	Q07866	K.VDSTPTVTTU VDS[166.9984]	2	1.162	2.40E-04	7.00E-04	0	42.16	18	42	2	573	0.57
1159.561	5	Q07889	R.SASVSSILTK SAS[166.9984]	2	-0.815	0.018	0.002	0	23.39	19	23	2	1333	1.3
1270.558	5	Q07955	K.VDGRSPSYG VDGPRS[166.9;	2	-0.92	0.023	0.002	1	21.35	18	30	5	248	1.9
1277.614	8	Q07960	K.SSSPELVTHK SSS[166.9984]F	2	-0.246	0.005	0.002	0	28.09	18	28	2	439	1.57
1110.555	8	Q08170,Q1324	R.LIVENLSSR.C LIVENLSS[166.	2	-0.004	0.003	0.001	0	32.51	20	33	3	0.96	0.96
2125.957	19	Q08174	R.SNSPLSIQLQ S[166.9984]NSI	2	-0.04	0.003	0.002	0	30.15	18	30	1	1060	0.74
2125.957	7	Q08174	R.SNSPLSIQLQ SNS[166.9984]	2	-0.094	0.004	0.002	0	29.64	18	30	1	1060	0.74
2802.037	14	Q08211	K.DDDGGEDDD DDDGGEDDDA[3	2	1.291	5.50E-04	0.003	0	37.15	17	68	3	1270	0.94
3045.159	30	Q08211	K.DKDDGGEDD DKDDGGEDDD[3	2	1.256	1.90E-05	0.002	1	50.07	15	77	4	1270	0.5
1557.716	8	Q08357	K.EGALSRSVDE EGALSRSVS[166.	2	-0.188	0.005	0.002	1	29.65	19	40	4	652	0.98
1110.501	5	Q08357	R.ALSMTHGSVI ALS[166.9984]	2	-0.685	0.015	0.001	0	23.68	18	40	4	652	0.89
1637.682	7	Q08357	K.EGALSRSVDE EGALSRSVS[166.	2	-0.752	0.019	0.002	1	23.01	18	40	4	652	1.1
1401.615	6	Q08378	R.QDLSSEVDTI QDS[166.9984]	2	-1.039	0.032	1.00E-04	0	18.15	16	18	1	1498	0.08
2109.828	9	Q08752	K.DGSGDSDHPI DGS[166.9984]	2	0.832	4.70E-04	0.002	0	37.87	17	38	2	370	0.87
2109.828	10	Q08752	K.DGSGDSDHPI DSGSDS[166.9;	2	0.997	0.003	0.002	0	29.31	17	40	2	370	1.2
2929.078	20	Q08945	K.EGMNPSYDE EGMNPSYDEY[3	2	1.291	1.60E-04	0.002	0	40.16	15	40	2	709	0.52
1164.518	10	Q08AD1	K.SPPTPIDPEK S[166.9984]PTT	2	-0.781	0.021	0.001	0	22.74	18	60	4	1489	0.87
1779.827	11	Q08AD1	R.SISNEGLTNN SIS[166.9984]N	2	1.857	4.40E-05	0.002	0	50.12	19	60	4	1489	0.87
1779.827	10	Q08AD1	R.SISNEGLTNN SIS[166.9984]	2	0.742	5.70E-04	0.002	0	38.97	19	43	3	1489	0.87
1898.696	13	Q08AD1	K.YDGEKDEQF YDGE[166.998	2	-1.138	0.047	0.001	1	16.16	15	60	6	1489	0.64
1275.646	5	Q08AE8	K.LRVPSPPEIR.F LRPV[S[166.998	2	-0.321	0.007	0.002	0	27.34	18	27	1	756	1.61
3094.284	18	Q08I23	R.AGEPNSPDAI AGE[166.99;	3	1.224	4.10E-07	0.003	0	70.3	19	129	6	767	0.94
1445.575	8	Q08I23	R.NNSGEFFDQ NNSGEFFDQ[1E	2	0.045	0.003	0.002	0	30	17	129	6	767	1.52
3174.251	14	Q08I23	R.AGEPNSPDAI AGE[166.99;	3	1.291	4.70E-06	0.002	0	58.5	18	245	9	767	0.53
2180.996	13	Q08I23	R.ESTQLSPADI ES[166.9984]T	2	0.606	7.70E-04	0.002	0	36.61	18	245	9	767	0.76
2180.996	11	Q08I23	R.ESTQLSPADI ESTQLS[166.99	3	0.262	0.018	0.003	0	22.97	18	178	10	767	1.31
3094.284	26	Q08I23	R.AGEPNSPDAI AGE[166.99;	3	1.127	9.70E-06	2.00E-04	0	57.27	20	178	10	767	0.06
1551.69														



1569.723	9	Q09666	K.ISMODVDLSL ISMODVDLSLG 2	2.159	4.10E-08	0.003	0	78.11	17	1120	40	5890	1.79
1722.806	14	Q09666	R.LPSGSGAASP LPSGSGAAS[16 2	2.159	5.30E-06	0.002	0	59.1	19	1120	40	5890	1.33
1566.67	6	Q09666	K.GDRSPFPGQ GDRS[166.9984 2	-0.565	0.011	0.002	1	24.9	18	1120	40	5890	1.60
1722.806	12	Q09666	R.LPSGSGAASP LPS[166.9984]C 2	2.159	6.80E-07	7.00E-04	0	68.04	19	1120	40	5890	0.4
1152.537	7	Q09666	K.MPSLEISAPK MPS[166.9984] 2	0.463	0.001	0.001	0	33.18	16	1074	45	5890	1.22
781.385	6	Q09666	K.LISGSLK M LSGPS[166.998 2	0.507	9.10E-04	0.001	0	34.62	17	843	36	5890	1.25
1413.626	10	Q09666	K.GGVTSPEAS GGVTS[166.9 2	2.024	9.20E-07	0.002	0	66.15	18	843	36	5890	1.68
1892.756	7	Q09666	K.ASLGSLEGEAI AS[166.9984]L 2	0.258	0.002	0.002	0	31.12	16	1119	49	5890	1.24
823.396	5	Q09666	K.APSLDIK G APS[166.9984] 2	-0.005	0.003	6.00E-04	0	31.5	19	843	36	5890	0.75
1722.806	7	Q09666	R.LPSGSGAASP LPSGS[166.998 2	2.024	1.30E-06	7.00E-04	0	65.22	19	843	36	5890	0.4
989.47	4	Q09666	K.AEAPLSPK L AEAPLPS[166.9 2	-0.122	0.004	0.001	0	31.32	20	1153	48	5890	1.21
1199.501	7	Q09666	K.GDLASVPSV GDLASVPS[16 2	0.63	7.70E-04	0.001	0	35.84	17	1153	48	5890	0.94
1802.772	6	Q09666	R.LPSGSGAASP LPSGSGAAS[16 2	-0.701	0.015	0.002	0	23.57	18	1124	47	5890	0.98
1650.752	9	Q09666	K.GSEVGFHGA GS[166.9984]E 2	-0.882	0.023	0.002	0	22.76	19	1124	47	5890	1.5
1812.79	11	Q09666	K.ASLGSLEGEAI AS[166.9984]L 2	2.021	1.20E-05	0.001	0	54.2	17	1124	47	5890	0.75
1230.529	6	Q09666	K.DIDISSPEFK DIDISS[166.998 1	-0.377	0.039	0.002	0	18.56	17	971	41	5890	1.74
1206.517	8	Q09666	K.LQSGVSLAS LQSGVSV[166. 2	-1.076	0.036	0.001	0	21.77	20	1016	42	5890	0.92
1800.805	8	Q09666	K.VDIDTPDIDH VIDIT[181.014 3	1.393	0.001	0.003	0	36.68	20	1153	48	5890	1.63
889.389	5	Q09666,Q0966	K.FSMPSLK G FSMPSS[166.998 2	-0.292	0.005	9.00E-04	0	22.62	13	1153	47	5890	1.02
1239.622	5	Q09666,Q0966	K.GEGPDVDVN GEGPDVDVNL 2	0.153	0.002	0.001	0	33.08	19	1074	47	5890	1.08
1253.637	16	Q09666,Q0966	K.GEGPEVDVNI GEGPEVDVNL 2	0.93	3.90E-04	0.001	0	39.85	18	1120	40	5890	0.95
981.429	6	Q09666,Q0966	K.ADIVSGPK V ADIVSV[166.99 2	-0.401	0.007	9.00E-04	0	26.54	18	1074	47	5890	0.96
721.332	4	Q09666,Q0966	K.FSLFK FS[166.9984]LF 2	-0.659	0.016	0.002	0	20.94	15	1016	47	5890	2.16
1127.498	8	Q09666	R.NLSNEELTK S NLS[166.9984] 2	-0.579	0.012	9.00E-04	0	24.76	18	25	1	810	0.83
1421.653	6	Q09666	R.RQDSAGVLL RQDS[166.9984 2	0.606	7.60E-04	0.002	1	36.61	18	37	3	1302	1.36
1634.614	7	Q09666	K.EMLASDDEE EMLAS[166.99 2	0.083	0.002	-0.002	0	29.38	16	47	3	675	-1.27
1900.618	13	Q09666	K.TISQFELTPG TIS[166.9984]C 2	-0.332	0.006	0.002	0	28.21	19	28	2	675	1.5
1327.70	9	Q12770	R.RDSGVSGSL RDS[166.9984] 3	0.325	0.014	0.002	1	24.6	19	25	1	1279	1
1942.829	9	Q12770	R.RDSGVSGSL RDSGVSV[166. 3	0.969	0.003	0.002	1	31.04	19	31	3	1279	1
1859.915	12	Q12774	R.AEELSPAALS AEELSPAALS[1 2	1.967	3.50E-05	0.003	0	49.22	17	62	3	1597	1.63
2320.031	22	Q12774	R.RDSGRPPG RDS[166.9984] 3	0.967	0.003	0.002	1	30.99	19	62	3	1597	0.98
1859.915	12	Q12774	R.AEELSPAALS AEELSPAALS[ 2	2.127	2.10E-05	0.003	0	51.33	17	53	4	1597	1.63
1963.328	14	Q12789	K.TSOPPPQGE TSOPPPQGEA 2	-0.506	0.01	0.002	0	25.49	18	29	7	2109	0.89
2417.008	9	Q12789	R.RASWASENG RASWAS[166.9 3	1.144	0.002	0.004	1	31.76	18	88	7	2109	1.54
1969.742	13	Q12789	R.KNSSTDQSG KNSST[181.014 3	1.025	0.003	0.003	1	25.57	13	88	7	2109	1.71
2417.008	12	Q12789	R.RASWASENG RAS[166.9984] 2	-0.96	0.027	0.002	1	20.95	18	88	7	2109	1.05
1889.776	11	Q12789	R.KNSSTDQSG KNS[166.9984] 2	-0.846	0.02	0.003	1	20.09	16	29	7	2109	1.79
1969.742	15	Q12789	R.KNSSTDQSG KNS[166.9984 3	-0.103	0.041	0.003	1	14.31	13	29	7	2109	1.71
1889.776	11	Q12789	R.KNSSTDQSG KNS[166.9984 2	0.011	0.003	0.003	1	28.66	16	88	7	2109	1.79
2200.933	10	Q12789	R.AGVRPSSSGS AGVRPSSS[166 3	-0.12	0.041	2.00E-04	0	19.15	18	81	6	2109	0.11
2200.933	8	Q12789	R.AGVRPSSSGS AGVRPSSS[166 2	0.736	0.006	2.00E-04	0	27.71	18	52	4	2109	0.11
2200.933	8	Q12789	R.AGVRPSSSGS AGVRPSSS[166. 2	-0.016	0.003	0.004	0	30.37	18	118	8	2109	1.97
1900.808	10	Q12797	K.LGYDADGDL GYDADGDGD 2	0.845	4.80E-04	0.002	0	43.98	23	44	2	758	0.83
1800.762	9	Q12802	K.QSPECFNLD QS[166.9984]PI 2	-0.374	0.007	0.004	0	26.81	18	59	5	2813	1.98
2366.909	7	Q12802	R.DMAECSTPLF DMAEC[160.03 3	0.959	0.004	0.002	0	26.91	15	59	5	2813	1.01
2366.909	11	Q12802	R.DMAECSTPLF DMAEC[160.03 3	0.456	0.013	0.002	0	21.91	15	48	7	2813	1.01
2366.909	19	Q12802	R.DMAECSTPLF DMAEC[160.03 3	1.152	0.002	0.002	0	28.87	15	88	7	2813	1.01
1385.62	7	Q12802	K.SGSLDSELSV SGLDSELSV[1 2	2.197	8.70E-06	0.002	0	55.81	18	88	7	2813	1.4
786.355	4	Q12802	R.SLSFR R SLS[166.9984]P 2	-0.952	0.028	9.00E-04	0	19.06	16	112	6	2813	1.19
1699.622	8	Q12802	R.DEDEGIPSEN DEDEGIPS[166. 2	-0.939	0.027	5.00E-04	0	19.19	16	112	6	2813	0.31
1385.62	8	Q12802	K.SGSLDSELSV SGLDSELSV[166 2	-1.073	0.034	0.002	0	19.81	18	106	9	2813	1.4
1553.757	7	Q12802	R.SLSRSPSEU QS[166.9984]R 2	-0.561	0.011	0.002	0	25.92	19	55	7	2813	1.2
1538.746	6	Q12830	R.VLDDVRSRPE VLDDVRSR[166 2	-0.655	0.014	8.00E-04	1	25	19	55	5	3046	0.54
1538.746	10	Q12830	R.VLDDVRSRPE VLDDVRS[166.99 2	-0.749	0.017	8.00E-04	1	24.06	19	34	3	3046	0.54
3197.333	19	Q12830	R.QEOSPNANN QEOS[166.9984 3	0.735	0.006	9.00E-04	0	28.67	19	34	3	3046	0.3
2700.105	10	Q12857	R.SPVGSGQSSG S[166.9984]PG 3	0.175	0.02	0.002	0	23.07	19	55	2	509	0.76
2309.89	8	Q12857	K.SVEDEMSPK S[166.9984]VEI 2	0.931	3.40E-04	0.002	0	37.86	16	40	2	509	1.04
3022.175	14	Q12872	K.SGVSSDNEDE SGVSS[166.998 3	1.291	1.10E-04	9.00E-04	0	44.33	17	44	1	951	0.31
3022.175	15	Q12872	K.SGVSSDNEDE SGVSS[166.9984 3	1.256	1.20E-05	9.00E-04	0	53.85	17	54	2	951	0.31
1917.734	7	Q12873	K.METEADAPSI METEADAPSI[1 2	-0.985	0.032	0.001	0	19.7	17	20	2	2000	0.54
1918.843	11	Q12873	K.ELQDGGPPSS ELQDGGPPSS[1 2	1.479	1.00E-04	9.00E-04	0	45.35	18	45	3	2000	0.47
2641.122	21	Q12888	R.IDEDGENTQI IDEEDGENTQIE 3	1.189	0.002	0.002	0	34.21	20	352	24	1972	0.93
1751.764	9	Q12888	R.GNLLHFPSSQ GNLLHFPSS[16 2	0.936	3.80E-04	0.004	0	38.91	17	352	24	1972	2.06
1439.678	6	Q12888	K.LITSEERPAI LITSEERS[166. 2	-1.005	0.029	0.002	1	22.5	20	215	19	1972	1.66
2242.975	15	Q12888	K.SPEPEVLTQE QS[166.9984]PE 3	1.224	0.001	0.004	0	36.16	19	215	19	1972	1.91
2407.103	19	Q12888	K.SGTAETEPVE SGTAEETEPVEQ 3	1.224	0.001	0.004	0	35.7	19	215	19	1972	1.73
2344.905	14	Q12888	R.ETAVPGLGII ETAVPGLGIED 2	-0.668	0.015	0.002	0	23.87	18	352	24	1972	1
2029.904	8	Q12888	R.TSSVLGMSVE TSS[166.9984] 2	-0.192	0.004	0.001	0	29.63	19	215	19	1972	0.58
1525.689	11	Q12888	K.NGSTAVAES NGSTAVAESVA 2	1.21	1.80E-04	0.001	0	43.65	19	352	24	1972	0.74
1772.741	13	Q12888	K.NSPEDLGLSL NS[166.9984]PI 2	2.159	4.90E-07	0.003	0	68.09	17	352	24	1972	1.51
2407.103	12	Q12888	K.SGTAETEPVE SGTAEETEPVEQ 2	-0.576	0.011	0.003	0	25.79	19	352	24	1972	1.23
1811.821	16	Q12888	R.STPFIVPSSPTI STPFIVPSS[166. 2	-0.192	0.005	0.003	0	28.63	18	352	24	1972	1.47
1772.741	10	Q12888	K.NSPEDLGLSL NSPEDLGLSL[1 2	-0.937	0.03	0.002	0	20.18	17	352	24	1972	1.34
1117.427	6	Q12888	R.SEDMPFSPK SEDMPFSP[166. 2	-0.43	0.007	0.001	0	21.25	13	352	24	1972	1.13
2029.904	14	Q12888	R.TSSVLGMSVE TSS[166.9984]S 2	0.303	0.001	0.001	0	34.58	19	352	24	1972	2.58
1550.681	12	Q12888	K.LMLSTSEYSQ LMLSTSEYSQS[ 2	-0.214	0.006	0.004	0	27.44	17	353	21	1972	2.6
1424.667	6	Q12888	K.AADISLNLVI AADIS[166.998 2	-1.1	0.043	0.002	0	19.53	18	206	17	1972	1.45
1192.525	6	Q12888	R.SEDPPTPIR SEDPPTT[181.0 2	-1.176	0.047	7.00E-04	0	19.8	19	340	22	1972	0.55
1119.461	9	Q12888	K.SVEYEDLKS S[166.9984]VE 2	-1.209	0.047	0.002	0	18.44	18	316	20	1972	1.93
1811.821	9	Q12888	R.STPFIVPSSPTI STPFIVPSS[1 2	-1.028	0.032	0.003	0	20.27	18	215	19	1972	1.47
2020.849	12	Q12888	K.HEEQSNEDIH HEEQS[166.998 2	-0.775	0.017	0.002	0	23.8	19	215	19	1972	1.05
1772.741	10	Q12888	K.NSPEDLGLSL NSPEDLGLS[16 2	-0.372	0.008	0.002	0	25.81	17	206	17	1972	1.34
1540.66	7	Q12888	R.VDVSCPELEG VDVSV[166.9984 2	0.532	9.20E-04	0.002	0	35.88	18	340	22	1972	1.06
3052.186	19	Q12905	K.KEGEEEEET KEGEEEEETEE 3	0.326	0.015	1.00E-04	1	23.58	18	24	1	390	0.02
1940.878	11	Q12906	K.VLQDMGLPTI VLQDMGLPTG 2	2.159	1.80E-05	9.00E-04	1	53.68	19	53	4	894	0.45
1940.878	13	Q12906	K.VLQDMGLPTI VLQDMGLPTG 3	0.134	0.023	0.002							

1640.691	10	Q13098	R.EGSGELTPA EGS[166.9984] 2	2.06	2.80E-05	-8.00E-04	0	51.15	18	71	3	491	-0.46
2077.93	8	Q13098	K.SPREGSQGE S[166.9984]PF 3	0.231	0.021	0.001	1	21.65	17	50	3	491	0.61
2077.93	8	Q13098	K.SPREGSQGE SPPREGS[166.9 3	0.065	0.031	0.001	1	19.97	17	71	3	491	0.61
2724.008	18	Q13107	K.EQLSETEGSG EQLSET[181.01 3	0.052	0.027	0.002	0	18.89	16	19	2	963	0.78
1218.563	9	Q13111	R.GLLSNHTGSP GLLSNHTGS[16 2	-0.109	0.004	0.001	0	29.44	18	29	2	956	1.01
1218.563	8	Q13111	R.GLLSNHTGSP GLLSNHT[181.C 2	-0.073	0.004	0.001	0	29.81	18	30	4	956	1.01
2280.043	24	Q13111	R.SPSTYUHTPT S[166.9984]PST 3	-0.025	0.038	0.004	0	20.11	18	20	4	956	1.52
1631.754	14	Q13112	R.GSSPGPRPVE GSS[166.9984] 3	0.528	0.01	0.002	0	26.6	19	32	3	559	0.97
1619.706	9	Q13112	R.TQDPPSSPGTT TQDPPS[166.99 2	-0.744	0.018	0.001	0	24.11	19	32	3	559	0.86
1631.754	9	Q13112	R.GSSPGPRPVE GS[166.9984]S 3	0.482	0.011	0.002	0	26.18	19	30	5	559	0.97
1619.706	7	Q13112	R.TQDPPSSPGTT TQDPS[166.99 2	-0.415	0.008	0.001	0	27.39	19	30	4	559	0.86
1915.854	17	Q13129	K.SPSPAIPEQNH S[166.9984]P 2	-0.783	0.021	0.002	0	22.72	18	23	5	1914	0.98
1710.733	13	Q13136	K.RSSDGLSLHEI RSSDGS[166.99 2	-0.85	0.022	0.001	1	22.05	18	23	5	1202	0.69
1710.733	11	Q13136	K.RSSDGLSLHEI RSS[166.9984] 3	-0.092	0.041	7.00E-04	1	20.4	19	61	5	1202	0.4
1446.6	9	Q13136	R.VTSSMSSPSV VTSSMSS[166. 2	-0.999	0.028	0.002	0	19.56	17	25	4	1202	1.22
1446.6	7	Q13136	R.VTSSMSSPSV VTSSMSS[166.9 2	-0.959	0.026	0.002	0	19.94	17	71	6	1202	1.22
2517.108	13	Q13136	R.NSTGSDQGPV NSTGSDQDGPV 3	-0.073	0.041	-8.00E-04	0	19.63	18	71	6	1202	-0.32
1446.6	8	Q13136	R.VTSSMSSPSV VTSSMSSP[16 2	-0.997	0.028	0.002	0	19.57	17	48	3	1202	1.22
1197.461	6	Q13136,07533	K.CETSPSSPR...C[160.0307]E 2	-0.97	0.027	0.002	0	15.85	13	23			1.78
1291.495	9	Q13151	K.EDIYSGGGGCE EDIYSGGGGGG 2	-0.733	0.016	0.002	0	20.22	15	20	1	305	1.74
1291.495	5	Q13151	K.EDIYSGGGGCE EDIYS[166.99 2	-0.977	0.028	0.002	0	17.76	15	18	1	305	1.74
2377.092	13	Q13153	R.DVATSPISPT E DVATSPISPTEN 3	1.224	8.30E-04	0.004	0	30.05	20	105	5	545	1.61
2377.092	15	Q13153	R.DVATSPISPT E DVATSPISPT[16. 2	1.947	3.50E-05	-2.00E-04	0	51.02	19	78	5	545	-0.08
2457.058	9	Q13153	R.DVATSPISPT E DVATSPISPT[1 3	-0.003	0.031	0.002	0	22.32	20	73	4	545	0.65
2377.092	15	Q13153	R.DVATSPISPT E DVATSPISPT[1 2	1.53	9.10E-05	-2.00E-04	0	46.84	19	73	4	545	-0.08
2377.092	18	Q13153	R.DVATSPISPT E DVATSPISPTEN 2	1.063	2.70E-04	-2.00E-04	0	42.17	19	73	4	545	-0.08
1982.714	18	Q13158	R.SGAMSPMSV SGAMS[166.99 2	0.717	6.40E-04	0.004	0	35.72	16	36	1	208	2
1777.841	5	Q13164	K.SQVEDPLPPVI SQVEDPLPVFS 2	-0.282	0.005	0.002	0	28.73	19	29	1	816	1.4
1777.841	18	Q13164	K.SQVEDPLPPVI SQVEDPLPVFS 2	-0.46	0.008	0.002	0	26.94	19	27	2	816	1.4
3395.516	14	Q13177	K.GTEAPAVTTE GTEAPAVT[1 3	1.291	1.70E-05	0.002	0	52.03	17	62	5	524	0.46
1161.523	11	Q13177	K.YLSFTPPEK D YLS[166.9984]F 2	-0.127	0.004	0.002	0	26.28	15	62	5	524	1.68
1552.577	7	Q13185	R.LTWHSCPEDE LTWHSC[166.99 2	-0.526	0.01	0.002	0	23.29	16	23	2	183	1.49
1552.577	6	Q13185	R.LTWHSCPEDE LT[181.014]WH 2	-1.197	0.047	0.002	0	16.58	16	18	2	183	1.49
1661.827	11	Q13185	K.KVEEAPEEPEF KVEEAPEEPEV 3	-0.116	0.043	0.001	1	19.19	18	21	3	183	0.83
1472.611	7	Q13185	R.LTWHSCPEDE LTWHSC[160.0 2	0.28	0.002	0.003	0	33.35	18	38	2	183	2.13
2586.991	12	Q13188	R.ELEEEENSDEI ELEEEENS[16 3	-0.15	0.043	0.001	0	16.86	16	17	1	491	0.52
1707.697	12	Q13206	R.SNSEVEDVGF SNS[166.9984] 2	1.975	3.50E-05	0.002	0	50.3	18	50	3	875	1.3
1534.651	6	Q13242	R.GSPHYFSPFRI GS[166.9984]P 2	-0.969	0.026	0.003	0	21.84	19	22	4	221	1.96
1614.618	7	Q13242	R.GSPHYFSPFRI GS[166.9984]P 2	-1.109	0.041	0.002	0	18.45	17	23	5	221	1.11
1310.575	9	Q13243	R.DADDVAYELE DADDVAYELDG 2	1.689	6.30E-05	0.002	0	47.44	18	69	2	272	1.33
1444.625	14	Q13263	R.SRSGEGEVSG SRS[166.9984] 2	0.986	3.40E-04	0.002	1	39.41	17	103	3	835	1.04
1201.492	9	Q13263	R.SGEGEVSGLS S[166.9984]GE 2	0.794	4.50E-04	4.00E-04	0	37.49	17	55	2	835	1.06
1520.713	7	Q13263	K.DHQYQFLEDA DHQYQFLEDAV 3	1.342	3.10E-04	0.002	0	41.6	19	100	3	835	0.33
1929.833	9	Q13263	K.EEDGSLSDG, EEDGSL[166.9 2	0.953	3.30E-04	-6.00E-04	0	41.07	19	115	4	835	-0.3
1098.634	7	Q13268	R.VNVCVPGIHK VNC[160.0307] 2	-0.65	0.013	0.001	0	20.05	14	20	1	258	1.2
1964.896	11	Q13283	K.SSSPAPADIAC SSS[166.9984]F 2	1.631	7.00E-05	0.003	0	47.86	19	48	1	466	1.49
1964.896	12	Q13283	K.SSSPAPADIAC S[166.9984]SF 2	2.025	4.30E-07	0.003	0	70	19	70	1	466	1.49
1469.577	5	Q13404	K.LPQPPEGQCY LPQPPEGQC[1 2	-0.877	0.024	0.002	0	19.81	16	20	1	147	1.32
2030.83	13	Q13409	K.SVSTPSEAGS S[166.9984]VS 2	0.404	0.001	0.001	0	34.59	18	35	1	638	0.7
2030.83	12	Q13409	K.SVSTPSEAGS S[166.9984] 2	-0.765	0.019	0.001	0	22.91	18	23	1	638	0.7
1245.576	6	Q13415	K.VAFSEITSPSK VAFSEITS[16 2	0.588	7.20E-04	0.002	0	38.43	20	49	2	861	1.25
1676.732	9	Q13415	K.SAESPSWTPA SAES[166.9984 2	-1.056	0.035	-0.002	0	19.97	18	20	3	861	-1.17
1245.562	10	Q13425	R.GPAGAEAGAS GPAGAEAGAS[ 2	0.777	4.90E-04	9.00E-04	0	39.32	19	85	2	540	0.7
1431.651	11	Q13425	R.SPSLSDLTFA SPS[166.9984]P 2	1.815	4.30E-05	0.002	0	50.7	20	62	4	540	1.43
1431.651	8	Q13425	R.SPSLSDLTFA SPS[166.9984] 2	-0.136	0.004	0.002	0	31.18	20	55	4	540	1.43
1245.552	9	Q13427	R.RSETPPHWR RSET[181.014]F 3	0.116	0.024	0.001	1	23.51	20	24	3	754	0.78
1636.769	5	Q13428	K.TSQVGAASAF TSQVGAASAPA 2	-0.555	0.011	0.001	1	26	19	118	8	1488	0.67
1442.677	12	Q13428	K.LDSSPSSSTL LDSS[166.9984 2	1.957	3.10E-05	0.001	0	51.12	19	118	8	1488	0.96
1467.636	7	Q13428	K.LGAGEGGEAL LGAGEGGEASV 2	2.159	1.40E-05	0.003	0	55.26	19	118	8	1488	1.86
1191.577	8	Q13428	K.VGPATPSAQL VGPAT[181.01 2	-1.138	0.041	0.001	0	20.17	19	96	7	1488	0.98
1595.731	19	Q13428	K.KLGAGEGGEJ KLGAGEGGEAS 2	0.526	0.001	-4.00E-04	1	35.81	18	96	7	1488	-0.27
1636.769	10	Q13428	K.TSQVGAASAF TSQVGAAS[16 3	0.227	0.021	8.00E-04	1	22.63	18	107	6	1488	0.48
1407.568	9	Q13433	K.YESQLSTNEE YESQL[166.99 2	-0.275	0.007	8.00E-04	0	26.79	17	27	1	755	0.97
1761.733	10	Q13439	R.TSSFTQLDKE TSS[166.9984]F 2	2.159	1.30E-05	0.002	0	54.88	19	121	6	2230	0.56
1113.534	7	Q13439	R.VPSVESLFR S VPS[166.9984] 2	0.667	7.20E-04	0.003	0	36.22	17	121	6	2230	2.34
2096.854	12	Q13439	K.EENPESDGEP EENPES[166.99 2	2.159	8.80E-07	0.001	0	65.45	17	121	6	2230	0.65
1761.733	8	Q13439	R.TSSFTQLDKE TS[166.9984]F 2	1.634	6.50E-05	0.002	0	47.92	19	102	5	2230	0.96
1069.519	4	Q13443	R.HVSPVTPPRL E HVSPVTT[181.0 2	-1.219	0.048	0	0	19.36	19	19	2	819	-0.02
1149.485	7	Q13443	R.HVSPVTPPRL E HVSP[166.9984] 2	-1.022	0.034	-5.00E-04	0	20.31	18	23	2	819	-0.48
1738.697	9	Q13459	R.VSPAPAGSAP VSPAPAGS[166 2	1.437	1.10E-04	0.002	0	41.9	15	95	5	2157	0.9
2193.007	17	Q13459	K.KPGDASSLPD KPGDASSLPDA 3	1.137	0.003	0.002	0	31.71	18	37	3	2157	0.87
1806.838	11	Q13459	R.VQEKPDSPGCV VQEKPD[166. 3	1.291	3.90E-04	0.003	0	40.97	19	41	5	2157	1.45
1294.568	8	Q13459	R.RTSFSTSDVSH RTS[166.9984] 2	-0.845	0.02	0.001	1	22.11	18	26	4	2157	1.09
1570.688	10	Q13501	R.LTPVSPSSST LTPVS[166.998 2	1.398	1.20E-04	0.002	0	44.53	18	45	3	440	1.61
1813.822	7	Q13501	R.SRLTPVSPSS SRLT[181.014]F 2	-1.164	0.042	0.002	1	19.91	19	53	3	440	0.88
1893.788	11	Q13501	R.SRLTPVSPSS SRLT[181.014]F 2	-0.383	0.008	0.002	1	26.71	18	54	4	440	0.83
3004.303	7	Q13506	R.QSSEHSPNG QSS[166.9984] 3	-0.079	0.038	0.002	0	20.53	19	21	2	487	0.53
1986.792	6	Q13523	K.SINEEVEVSI SINEEVEVSI[ 2	0.288	0.002	0.002	0	33.43	18	99	4	1007	1.22
1986.792	12	Q13523	K.SINEEVEVSI S[166.9984]NE 2	2.159	1.30E-07	4.00E-04	0	74.54	18	99	4	1007	0.22
1486.54	7	Q13523	R.EQEMEDAN EQEMEDANS[ 2	-0.251	0.006	0.002	0	26.04	16	99	4	1007	1.62
2066.759	10	Q13523	K.SINEEVEVSI S[166.9984]NE 2	0.285	0.002	0.003	0	31.4	16	115	7	1007	1.55
1559.64	9	Q13523	K.DASPINRWFS DAS[166.9984] 2	-1.14	0.04	0.002	1	19.13	18	132	7	1007	1.21
1882.793	12	Q13535	K.GVELCFPENE GVELC[160.030 2	-0.411	0.008	0.005	0	26.44	18	26	1	2644	2.63
2109.759	13	Q13547	R.JACEEESDSEI AC[160.0307]E 2	1.032	3.10E-04	0.002	0	36.87	14	37	1	482	1.12
2109.759	23	Q13547	R.JACEEESDSEI AC[160.0307]E 2	1.305	1.70E-04	0.002	0	39.58	14	40	1	482	1.12
1866.695	8	Q13555	K.GSTESCNTTT GST[181.014]E 2	1.944	7.20E-08	4.00E-04	0	73.75	15	74	1	558	0.23
1866.695	6	Q13555	K.GSTESCNTTT GSTES[166.998										

1495.705	5	Q13813	R.WRSLOQLAEI WRS[166.9984]	3	0.404	0.014	0.001	1	24.39	18	73	5	2472	0.95
2001.895	19	Q13884	K.GSPVSEIGWE GSPVSEIGWETI	2	0.989	2.90E-04	0.002	0	41.44	19	41	2	538	1.27
1963.877	23	Q13884	R.GAGAGHPGA GAGAGHPGAG	3	0.026	0.033	0.002	0	20.62	18	48	2	538	1.1
1143.634	6	Q13885_A6NK	K.LAVNMVPPFV LAVNMVPPFR	2	0.172	0.002	0.002	0	33.26	19	72			1.57
1446.689	8	Q13885_P0743	K.EVDEQMLNV EVDEQMLNVQI	2	2.127	6.30E-06	0.001	0	57.43	18	57			0.97
2200.826	10	Q13895	R.MPQDGSDDF MPQDGS[166.9]	2	2.159	1.10E-06	7.00E-04	0	64.97	18	65	2	437	0.32
1648.664	11	Q14004	R.GGDVSPSPYS GGDVSP[166.99]	2	1.407	1.40E-04	0.002	0	43.62	17	44	3	1512	1.03
3008.191	17	Q14008	K.HSTSGTDEGE HST[181.014]S	3	-0.004	0.03	0.004	0	18.28	16	18	1	2032	1.33
1568.724	12	Q14103	K.IFVGGSLPDTF IFVGGSL[166.9]	2	0.217	0.002	0.003	0	33.71	19	34	1	355	1.74
1683.704	14	Q14137	K.TTEEQVQAST TTEEQVQAST[1]	2	-0.017	0.004	-7.00E-04	0	29.36	17	29	1	746	-0.41
1537.705	10	Q14149	R.RLSSQFENSIV RLS[166.9984]S	2	0.754	5.40E-04	0.002	1	38.09	18	38	2	939	1.16
1905.669	13	Q14151	K.MEEEGTEDN MEEEGTEDNGI	2	2.159	1.90E-05	8.00E-04	0	48.63	14	97	9	953	0.44
2516.083	15	Q14151_Q1542	K.EESSELEQPPA EES[166.9984]S	3	-0.095	0.039	0.002	1	20.39	19	177			0.98
2516.083	13	Q14151_Q1542	K.EESSELEQPPA EESSELEQPPAQ	3	0.42	0.012	0.002	1	25.54	19	148			0.78
2387.988	13	Q14151_Q1542	K.EESSELEQPPA EESSELEQPPAQ	2	0.377	0.001	0.003	0	35.32	19	97			1.14
2516.083	11	Q14151_Q1542	K.EESSELEQPPA EESS[166.9984]	3	-0.009	0.032	0.002	1	21.23	19	97			0.98
2387.988	14	Q14151_Q1542	K.EESSELEQPPA EESS[166.9984]	2	0.663	6.50E-04	0.003	0	38.18	19	97			1.23
995.517	7	Q14151_Q1542	K.ADSLAVVK R ADS[166.9984]	2	-1.049	0.032	0.001	0	19.06	17	194			1.44
2387.988	13	Q14151_Q1542	K.EESSELEQPPA EES[166.9984]S	2	1.944	1.10E-05	0.003	0	55.99	19	116			1.23
2516.083	11	Q14151_Q1542	K.EESSELEQPPA EESSELEQPPAQ	3	-0.04	0.037	0.002	1	20.55	19	102			0.78
2516.083	12	Q14151_Q1542	K.EESSELEQPPA EESSELEQPPAQ	3	0.165	0.021	0.002	1	23.01	19	188			0.78
2387.988	19	Q14151_Q1542	K.EESSELEQPPA EESSELEQPPAQ	3	-0.145	0.048	0.004	0	19.92	19	130			1.56
2387.988	12	Q14151_Q1542	K.EESSELEQPPA EESSELEQPPAQ	3	0.066	0.03	0.004	0	22	19	177			1.56
1607.664	11	Q14152	K.DMDLWEQIQ DMDLWEQEQE	2	1.439	1.30E-04	0.002	0	43.94	17	44	1	1382	1.43
1337.657	5	Q14152	K.ERLESNIQR.I ERLES[166.998]	2	-0.843	0.022	0.002	1	23.1	19	23	1	1382	1.31
914.398	5	Q14152	R.LGDSLSLR.K LGDSLS[166.998]	2	-0.706	0.015	6.00E-04	0	23.47	18	26	2	1382	0.67
1416.652	8	Q14157	R.RYPSISSPQ RYPSISSS[166.2]	2	-0.498	0.01	0.001	1	24.57	17	82	9	1087	0.74
2612.093	13	Q14157	K.STSAPQMSPC STSAPQMSPGS	3	0.6	0.008	9.00E-04	0	25.34	17	80	7	1087	0.34
2612.093	26	Q14157	K.STSAPQMSPC STSAPQMSPGS	3	1.224	1.70E-04	0.003	0	42.56	17	80	7	1087	1.03
2612.093	20	Q14157	K.STSAPQMSPC STSAPQMS[166]	3	1.256	1.20E-04	0.003	0	43.94	17	85	11	1087	1.03
2128.914	15	Q14157	K.NQDECVIAH NQDEC[160.03]	3	-0.083	0.038	0.002	0	19.53	18	74	8	1087	0.95
1466.631	6	Q14157	K.NPDSAVHSP NPDS[166.998]	2	-0.255	0.005	0.002	0	29	19	52	8	1087	1.54
1416.652	10	Q14157	R.RYPSISSPQ RYPSISS[166.9]	2	-0.684	0.015	0.001	1	22.74	17	62	8	1087	0.74
1466.631	9	Q14157	K.NPDSAVHSP NPDSAVHVS[16]	2	0.619	7.30E-04	0.002	0	37.72	19	63	6	1087	1.54
2119.971	5	Q14157	K.SPAVATSTA SPAVATST[181.2]	2	-1.163	0.048	0.004	0	18.9	18	71	12	1087	1.69
1416.652	5	Q14157	R.RYPSISSPQ RYPS[166.9984]	2	-0.779	0.019	0.001	1	21.74	17	87	10	1087	0.74
1416.652	13	Q14157	R.RYPSISSPQ RYPSISS[166.99]	2	0.095	0.002	0.001	1	30.48	17	63	6	1087	0.74
1286.578	14	Q14160	R.VQSPPEPPA VQS[166.9984]	2	-0.346	0.006	7.00E-04	0	28.09	19	233	15	1630	0.52
2423.984	10	Q14160	R.RSEACPCQC RSEAC[160.03C]	2	1.619	7.20E-05	0.002	1	47.74	19	220	12	1630	0.7
1256.556	7	Q14160	R.LSPDFAE.LR.[166.9984]P	2	0.24	0.002	0.002	0	32.95	18	233	15	1630	1.49
2267.883	17	Q14160	R.SEACPCQDPS SEAC[160.0307]	2	0.159	1.50E-06	0.001	0	61.12	15	233	15	1630	0.44
1011.451	6	Q14160	K.SLEQDALR.A S[166.9984]LEC	2	-0.863	0.022	3.00E-04	0	22.92	19	233	15	1630	0.26
1300.578	9	Q14160	R.NSLEISSIDR. NSLES[166.998]	2	1.634	7.10E-05	0.002	0	46.87	18	234	12	1630	1.53
1567.763	8	Q14160	R.QSPAPPPPLG QSPAS[166.998]	2	0.54	9.90E-04	0.002	0	35.95	18	233	15	1630	1.26
2423.984	12	Q14160	R.RSEACPCQC RSEAC[160.03C]	2	2.159	3.60E-06	0.002	1	60.71	19	233	15	1630	0.7
2609.195	20	Q14160	R.MVEPENAVT MVEPENAVTIT	3	0.666	0.007	0.005	0	27.01	18	216	12	1630	1.77
1300.578	9	Q14160	R.NSLEISSIDR. NS[166.9984]L	2	0.697	6.10E-04	0.002	0	37.52	18	216	12	1630	1.53
2964.219	24	Q14160	K.MAESPCSPG MAESP[160.03]	3	0.019	0.029	0.002	0	20.53	18	182	11	1630	0.81
1555.763	7	Q14160	R.LRVQSPPEPA LRVQSP[166.998]	2	-0.477	0.009	0.001	1	25.77	18	170	12	1630	0.9
1300.578	8	Q14160	R.NSLEISSIDR. NSLES[166.9]	2	1.279	1.60E-04	0.002	0	43.37	18	222	11	1630	1.53
2267.883	9	Q14160	R.SEACPCQDPS SEAC[160.0307]	2	2.021	5.10E-06	0.001	0	55.83	15	222	11	1630	0.44
2964.219	11	Q14160	K.MAESPCSPG MAESP[160.03]	3	-0.026	0.032	0.002	0	20.1	18	222	11	1630	0.81
936.455	4	Q14160	R.ALSPAELR.A ALS[166.9984]F	2	-0.985	0.029	6.00E-04	0	20.68	18	234	13	1630	0.66
1280.636	4	Q14160	K.RVSLVGGADD RVSLV[166.9984]	2	-0.853	0.023	0.002	1	26	22	234	13	1630	1.3
2964.219	11	Q14160	K.MAESPCSPG MAESP[160.03]	3	0.86	0.004	0.002	0	28.96	18	152	11	1630	0.81
2085.862	20	Q14165	K.EEEEEEEFY EEEEEEEFYDE	3	1.291	1.50E-04	0.002	1	43.67	18	44	1	292	1.06
1297.619	13	Q14186	K.VFIDQNLSPGI VFIDQNL[166.2]	2	2.159	1.90E-06	0.002	0	61.95	17	62	1	410	1.48
1804.827	13	Q14202	K.TGSPGPELLH TGS[166.9984]	2	-0.857	0.024	0.001	0	22.97	19	31	3	1370	0.69
1559.631	8	Q14204	R.TDSTSGRRPA TDS[166.9984]	2	-1.022	0.032	0.002	0	18.32	16	18	2	4646	1.27
1106.481	7	Q14207	K.AHASLMSPGI AHASLMS[166.2]	2	-0.682	0.016	6.00E-04	0	19.71	14	20	1	1427	0.52
1046.459	5	Q14244	R.SVSTMNLK.S SVS[166.9984]I	2	-1.145	0.048	5.00E-04	0	15.1	14	15	1	749	0.51
1590.709	7	Q14247	R.LPSSPVYEDAJ LPSS[166.9984]	2	0.174	0.024	0.002	0	23.06	19	106	8	550	1
1894.798	8	Q14247	K.TQTPPVSPAP T[181.014]QIP	2	1.216	1.70E-04	0.002	0	42.71	18	106	8	550	1.08
1590.709	10	Q14247	R.LPSSPVYEDAJ LPS[166.9984]S	2	1.096	2.60E-04	0.003	0	42.51	19	113	4	550	2.01
1814.832	10	Q14247	K.TQTPPVSPAP TQT[181.014]P	2	0.593	8.20E-04	0.002	0	36.48	18	113	4	550	1.14
1814.832	10	Q14247	K.TQTPPVSPAP TQTPPV[166.9]	2	0.496	0.001	0.002	0	35.49	18	156	9	550	0.87
1894.798	10	Q14247	K.TQTPPVSPAP TQT[181.014]P	2	2.197	6.90E-06	0.002	0	56.71	18	156	9	550	1.08
1905.798	9	Q14258	R.ASAPSPNAQI ASAPS[166.998]	2	1.276	1.70E-04	-6.00E-04	0	41.31	16	41	2	630	-0.31
1389.454	7	Q14493	R.CDGDASPPSP C[160.0307]DG	2	-0.913	0.023	0.003	0	16.42	13	16	1	270	2.11
1134.498	6	Q14498	R.YRSPYSGPK.F Y[243.0297]RS	3	0.469	0.01	0.002	1	25.01	18	92	6	530	1.39
1831.859	12	Q14498	K.SPVREPIDLNT S[166.9984]PVI	3	1.22	0.002	0.003	1	32.52	18	92	6	530	1.5
944.496	7	Q14498	K.IGLPHSILK IGLPHS[166.99]	2	0.57	8.80E-04	5.00E-04	0	36.25	18	90	5	530	0.56
1134.498	6	Q14498	R.YRSPYSGPK.F YRS[166.9984]I	2	-0.536	0.01	0.002	1	25.18	18	96	5	530	1.57
1698.795	10	Q14541	R.QISVSPGSSQI QISVSS[166.99]	2	-0.615	0.014	0.001	0	24.38	18	24	1	408	0.83
1892.864	8	Q14542	K.AELLQSDENG AELLQSDENGIP	2	-0.751	0.019	0.002	0	23.02	18	23	2	456	0.9
1116.447	6	Q14562	K.QSMDMSPIK. QSMDMS[166.9]	2	-0.726	0.016	0.001	0	21.29	16	21	1	1220	1.27
1856.805	8	Q14566	K.EIESEIDSEEL EIESEIDS[166.9]	2	0.742	6.10E-04	9.00E-04	0	37.97	18	38	2	821	0.48
1927.769	13	Q14568	K.DKPEIEDVGS DKPEIEDVGS[1]	2	0.677	7.00E-04	6.00E-04	0	37.32	18	111	4	343	0.32
2055.864	15	Q14568	K.DKPEIEDVGS DKPEIEDVGS[1]	3	0.269	0.019	0.003	1	22.05	17	107	5	343	1.25
1362.63	9	Q14669	R.SESPAPLPSL SES[166.9984]F	2	0.965	3.60E-04	0.002	0	39.27	17	39	2	1992	1.58
1518.731	9	Q14669	R.RSESPAPLPS RSE[166.9984]	2	-0.953	0.028	0.002	1	21	18	43	4	1992	1.61
1421.631	5	Q14671	R.RDSLITGSSDL RDS[166.9984]	2	0.751	5.30E-04	0.001	1	39.06	19	39	2	1186	0.71
2530.109	24	Q14676	R.GPGAPGLAHI GPGAPGLAHL	3	1.256	1.30E-04	0.003	0	43.91	18	84	5	2089	1.06
2703.291	9	Q14676	K.TREPVPPTAP T[181.014]PEPI	3	-0.01	0.031	0							

1479.734	8	Q14839	K.SAIDLTPVVEI S[166.9984]AIC 2	-0.886	0.024	0.003	0	20.69	17	62	8	1912	1.96
2383.001	28	Q14839	K.STAPETAIECT STAPETAIEC]1€ 3	0.576	0.01	0.001	0	26.1	18	70	5	1912	0.52
1942.853	14	Q14839	K.IEENSLKEEESI IEENS[166.998- 3	0.069	0.027	0.002	1	23.04	20	56	6	1912	0.82
2665.239	22	Q14839	K.TPTPSTPGDTI T[181.014]PTP 3	0.989	0.003	0.004	0	30.25	18	51	5	1912	1.54
2665.239	7	Q14839	K.TPTPSTPGDTI TPT[181.014]P 3	0.924	0.004	0.004	0	29.58	18	123	9	1912	1.54
2665.239	9	Q14839	K.TPTPSTPGDTI TPTPSTPGDT]1 3	0.279	0.017	0.004	0	23.14	18	56	6	1912	1.54
2665.239	9	Q14839	K.TPTPSTPGDTI TPTPSTPGDTQ] 3	0.064	0.031	0.003	0	20.01	17	67	6	1912	1.16
1765.624	7	Q14974	K.QDENDDDDDD QDENDDDDDD]A 2	1.964	3.30E-05	3.00E-04	0	47.19	15	47	1	876	0.16
1117.548	6	Q14978	R.DNQLSEVANI DNQLSEVANK 2	0.11	0.003	5.00E-04	0	30.65	17	31	1	699	0.48
1798.848	12	Q14980	K.RVSLPHQGP RVSL[166.9984] 3	-0.084	0.038	0.001	1	21.5	20	64	6	2115	0.7
1642.747	11	Q14980	R.VSLEPHQGG VSLPHQGGT] 2	-0.169	0.005	0.001	0	28.86	18	82	6	2115	0.71
2003.907	12	Q14980	R.TQPDGTSVPC TQPDGTSVPGE 2	2.024	1.20E-05	0.002	0	54.62	18	62	3	2115	0.8
1272.594	10	Q14C86	R.SRSSDIVSSVR SRS[166.9984] 2	0.361	0.002	0.002	1	34.16	18	34	3	1478	1.29
2248.927	21	Q14C86	R.LQLELESCGL LQLELESC[160.0 2	-0.83	0.02	-5.00E-04	0	20.23	16	52	4	1478	-0.24
2248.927	12	Q14C86	R.LQLELESCGL LQLELESC[160.0 3	0.55	0.01	0.002	0	23.86	16	52	4	1478	0.74
2195	11	Q14C50	K.LGSLTPEIVSTI LGSILTPEIVSTPS 2	0.938	3.40E-04	0.002	0	40.93	19	41	2	331	0.98
2195	10	Q14C50	K.LGSLTPEIVSTI LGSILTPEIVSTPS 2	0.275	0.002	0.002	0	34.3	19	34	3	331	0.98
1932.786	13	Q14CW9	R.LQWDGSSDL LQWDGSSDLS] 2	2.159	5.70E-06	0.002	0	57.05	17	57	2	347	0.79
1945.745	10	Q15007	R.EGNTTDDFF EGNTTDDFFS] 2	2.159	4.60E-06	0.001	0	57.19	16	57	1	396	0.65
1945.745	10	Q15007	R.EGNTTDDFF EGNTTDDFFS] 2	-0.331	0.007	0.001	0	25.23	16	65	2	396	0.65
1588.677	11	Q15008	R.DNNMAPYDE DNNMAPYEA] 2	-1.206	0.046	0.003	0	18.47	18	18	1	389	1.89
1180.499	3	Q15014	R.SAENPPSGSV SAENPPSGS[16 2	-1.127	0.045	0.002	0	16.26	15	16	1	288	1.54
2002.795	14	Q15019	K.IYHLPDAESDI YHLPDAES[166 3	0.525	0.01	0.004	0	26.59	19	51	3	361	2.23
2187.959	8	Q15021	R.YQPLASTASD YQPLASTAS[16] 2	2.159	2.20E-06	0.004	0	61.38	17	61	1	1401	2.01
2187.959	8	Q15021	R.YQPLASTASD YQPLAST[181.0 3	1.037	0.003	0.002	0	30.74	18	75	3	1401	1
2150.858	7	Q15022	K.ASMSEFLESI ASMSEFLES[16] 2	0.693	7.00E-04	-0.001	0	35.51	16	36	1	739	-0.44
1455.673	9	Q15032	K.AASTDLGAGI AAST[181.014] 2	2.159	1.10E-05	0.002	0	54.91	18	55	3	1099	1.59
1455.673	9	Q15032	K.AASTDLGAGI AAS[166.9984] 2	2.197	8.50E-06	0.002	0	56.02	18	56	1	1099	1.59
2049.855	16	Q15032	K.YSEPRVWST YSEPRVWST]1 3	0.251	0.017	0.002	0	22.87	18	65	3	1099	1.06
1362.63	7	Q15036	K.SPPLLESPDAT SPPLLESPDAT]P 2	-0.526	0.012	7.00E-04	0	24.28	17	25	5	470	0.54
1362.63	8	Q15036	K.SPPLLESPDAT SPPLLES[166.9 2	-0.798	0.021	0.002	0	21.55	17	26	3	470	1.35
1803.816	5	Q15042	K.KTASADVTNIN KTASADVTN] 3	0.089	0.027	0.003	1	19.21	16	78	2	981	1.53
1803.816	4	Q15042	K.KTASADVTNIN KTASADVT[181 3	0.351	0.015	0.003	1	21.87	16	67	2	981	1.53
1110.469	7	Q15052,Q1415	R.MSGFYQK MS[166.9984]C 2	2.159	2.90E-06	0.001	0	58.69	16	59	2	1113	1.13
1233.54	8	Q15059	R.SESPPLSDPK SES[166.9984]F 2	0.059	0.002	0.002	0	33.14	20	33	2	726	1.42
1396.648	10	Q15084	K.DWIELTDDSF DWIELTDDSF]D 2	1.677	6.40E-05	0.002	0	48.32	19	48	1	440	1.55
1152.518	7	Q15121	R.QPSEEHIL QPS[166.9984] 2	-1.016	0.032	2.00E-04	0	21.37	19	21	1	130	0.2
1953.905	9	Q15139	R.TSSAELTSAF TSS[166.9984]F 2	0.655	7.10E-04	0.002	0	36.1	17	36	1	912	1.27
1047.466	5	Q15149	R.SWSLATFR.T SWS[166.9984] 2	-0.836	0.021	7.00E-04	0	23.19	19	380	25	4684	0.66
1350.556	9	Q15149	R.DSQDAGGFG DSQDAGGFG]P 2	0.798	5.20E-04	8.00E-04	0	37.53	17	503	28	4684	0.61
1129.585	7	Q15149	K.NLDEELQR.L NLDEELQR 2	0.259	0.002	0.001	0	32.14	17	503	28	4684	1.2
2061.974	10	Q15149	K.ELEEVSPETPV ELEEVSPET[166.99 2	0.551	8.40E-04	0.002	0	35.06	17	503	28	4684	1.12
1559.758	13	Q15149	R.SLQEEHVAVA S[166.9984]LQ] 3	1.291	1.10E-05	0.001	0	55.26	18	503	28	4684	0.82
2069.941	10	Q15149	K.AYSDPSTGEP AYSDPSTGEP]A 2	-1.169	0.048	1.00E-04	0	17.86	17	503	28	4684	0.03
1428.708	8	Q15149	K.QEELQLEQC QEELQLEQC]R 2	2.159	1.10E-05	-4.00E-04	0	53.7	16	503	28	4684	-0.29
1416.685	8	Q15149	R.LEDLQDAQD LEDLQDAQDE] 2	1.943	4.00E-05	0.002	0	48.98	17	503	28	4684	1.3
2096.952	9	Q15149	R.DALDGPAAE DALDGPAAEA 3	0.352	0.015	0.003	0	24.84	19	503	28	4684	1.37
1512.693	13	Q15149	K.DTHDQLSEPS DTHDQLSEPS]E 3	-0.084	0.038	0.002	0	20.48	19	503	28	4684	1
1862.759	12	Q15149	K.GYSPYSVSG GYSPYSVSG]C 2	2.159	2.10E-05	0.002	0	50.4	16	503	28	4684	0.83
1834.822	12	Q15149	R.SSSVSSSSVP SSSVSSSSVP]S 2	2.159	1.40E-05	0.002	0	54.49	18	503	28	4684	0.84
1914.788	9	Q15149	R.SSSVSSSSVP S[166.9984]SV 2	1.225	1.80E-04	6.00E-04	0	42.78	18	431	30	4684	0.33
2061.974	6	Q15149	K.ELEEVSPETPV ELEEVSPET[181 2	-1.059	0.034	0.002	0	18.96	17	380	25	4684	1.12
1942.726	7	Q15149	K.GYSPYSVSG GYSPYSVSG]S 2	-0.33	0.007	2.00E-04	0	24.25	15	503	28	4684	0.11
1834.822	15	Q15149	R.SSSVSSSSVP SSS[166.9984]V 2	2.159	1.50E-06	0.001	0	63.53	18	503	28	4684	0.79
1914.788	7	Q15149	R.SSSVSSSSVP SSS[166.9984]V 2	-0.638	0.013	6.00E-04	0	24.17	18	380	25	4684	0.33
1198.554	7	Q15149	K.QITMEEIVR S QIT[181.014]M 2	0.177	0.002	0.002	0	31.32	17	422	25	4684	1.4
1240.521	7	Q15149	R.SDEGLSPAT SDEGLSPAT]E 2	1.494	1.10E-04	0.002	0	43.48	16	369	25	4684	1.52
1914.788	13	Q15149	R.SSSVSSSSVP SSS[166.9984]V 2	2.024	2.60E-05	4.00E-04	0	51.28	18	422	25	4684	0.22
1486.713	7	Q15149	R.QQEELLAEN QQEELLAEN]Q 2	0.216	0.002	0.003	0	33.7	19	369	25	4684	1.76
1942.726	18	Q15149	K.GYSPYSVSG GYSPYSVSG]C 2	-0.124	0.004	2.00E-04	0	26.3	15	369	25	4684	0.11
1190.582	6	Q15149	K.AQLEPVASPA AQLEPVAS[166 2	0.058	0.002	0.002	0	31.16	18	351	22	4684	1.31
1942.726	7	Q15149	K.GYSPYSVSG GYSPYSVSG]C 2	0.965	3.60E-04	2.00E-04	0	37.19	15	499	26	4684	0.11
1834.822	11	Q15149	R.SSSVSSSSVP SSSVSG[166.99 2	1.223	1.80E-04	0.001	0	42.76	18	431	30	4684	0.79
1143.6	7	Q15149	R.LQAEVAQQI LQAEVAQQ 2	-1.166	0.048	0.001	0	18.9	18	386	23	4684	1.23
1357.696	7	Q15149	R.QEQALLEEF QEQALLEEF 2	-0.755	0.017	0.002	0	22.98	18	431	30	4684	1.08
1322.659	13	Q15149	R.SQVEEELFSV SQVEEELFSV 2	-0.762	0.02	0.002	0	20.93	16	503	28	4684	1.47
1570.807	9	Q15149	R.DDGTGQLLP DDGTGQLLP]S 2	-0.524	0.01	0.004	0	23.29	16	431	30	4684	2.4
1160.468	7	Q15149,P5810	R.GYFDEEMNR GYFDEEMNR 2	0.208	0.002	0.003	0	32.61	18	528	26	2.69	2.69
1448.635	9	Q15154	R.WVSELYVEE WVSELS[166.9 2	-0.998	0.029	0.004	0	20.57	18	44	7	2024	2.71
1849.775	15	Q15154	R.YMSQMSVPE YMSQMS[166.5 2	-1.143	0.041	0.003	0	19.1	18	50	8	2024	1.39
1919.791	9	Q15154	R.ILEDHGSFAG ILEDHGS[166.9 3	0.5	0.011	0.002	0	25.32	18	44	7	2024	1.2
1849.775	12	Q15154	R.YMSQMSVPE YMS[166.9984] 2	0.228	0.002	0.003	0	32.83	18	54	7	2024	1.39
1750.812	10	Q15154	K.RVTNDISPES RVTNDISP[166.9 2	-0.725	0.016	0.001	1	24.28	19	58	8	2024	0.76
989.434	6	Q15154	K.KFVGESDK.R KFGVES[166.99 2	-1.134	0.043	0.002	1	20.19	19	70	7	2024	1.88
2133.864	15	Q15181	K.HTGCCGDND HTGC[160.030] 3	1.291	1.90E-04	0.002	0	41.36	17	41	1	289	0.92
1955.627	17	Q15185	K.DWEDDSDED DWEDDS[166.5 2	2.119	1.30E-08	0.003	0	78.72	13	223	5	160	1.73
1875.661	9	Q15185	K.DWEDDSDED DWEDDS]EDM 2	2.159	3.70E-07	0.002	0	65.23	13	216	5	160	1.34
1139.571	7	Q15311	K.IAQEIASLSK I AQEIASLS[166 2	0.288	0.002	0.001	0	33.41	18	66	4	655	1.11
1255.545	8	Q15311	R.TPSSSEISPTK TPS[166.9984] 2	-0.441	0.009	9.00E-04	0	26.14	18	47	4	655	0.69
2590.135	13	Q15311	R.TGPEPSPHDI TGPEPSPHDI]H 3	0.2	0.023	0.002	0	21.35	17	65	5	655	0.74
1487.662	7	Q15345	R.STQESLTAGG ST[181.014]QE] 2	1.254	1.60E-04	0.003	0	44.09	19	66	4	812	1.75
1537.737	11	Q15345	R.APSRDEGLSI APS[166.9984] 3	1.067	0.003	0.001	1	32.01	19	64	4	812	0.79
1487.662	12	Q15345	R.STQESLTAGG S[166.9984]TQ] 2	1.743	5.10E-05	0.003	0	49.01	19	61	4	812	1.75
1455.625	6	Q15388	R.IVSAQSLAEDI VSAQS[166.99 2	0.075	0.002	0.002	0	30.3	17	30	1	145	1.41
1804.873	9	Q15390	R.QISPLDSQEE QIS[166.9984] 2	-0.701	0.016	0.002	0	23.52	18	24	1	333	1.33
1700.737	10	Q15398	K.NTASQNSILEI NTASQNS[166 2	-0.093	0.004	3.00E-04	0	28.6	17	29	2	846	0.16
2644.196	12	Q15398	R.SSIEDAQCPG S[16										

1578.698	6	Q15678	K.ICTEQSNPPF IC[160.0307]TE 2	1.099	2.30E-04	0.001	0	42.54	19	43	2	1187	0.66
1578.698	6	Q15678	K.ICTEQSNPPF IC[160.0307]TE 2	-0.448	0.008	0.001	0	27.05	19	27	1	1187	0.66
1058.455	8	Q15696	R.DIYLSPPDR.T DIYLS[166.9984] 2	-1.205	0.045	0.001	0	17.5	17	18	1	482	0.95
1429.728	8	Q15714	K.NSQLEQENNI NSQLEQENLLU 2	2.159	3.60E-06	0.002	0	60.16	18	60	1	1073	1.4
1674.712	5	Q15742	R.APSPTAEQPP AS[166.9984] 2	-0.338	0.007	-0.002	0	16.7	17	26	2	525	-1.26
1223.592	6	Q15758	R.STEPELQVQK:ST[181.014]EP 2	-0.358	0.008	0.001	0	26.97	18	27	1	541	1.16
1349.61	6	Q15773	R.LAIQGPEDSP:LAIQGPEDS[16] 2	-0.676	0.014	7.00E-04	0	24.79	19	25	1	248	0.55
1251.573	7	Q15785	K.NRVPSAGDVI NRVPS[166.998] 2	-1.021	0.035	8.00E-04	1	20.34	18	20	3	309	0.65
1650.656	9	Q15811	K.STMSDSSGSE STS[166.9984] 2	1.153	2.30E-04	0.002	0	40.06	16	40	1	1721	0.96
1357.638	11	Q15819	K.LPQPPEGGQTY LPQPPEGGQTY 2	0.086	0.003	0.003	0	31.39	18	31	1	145	1.95
1595.685	10	Q15942	K.FSPGAPGGSC FS[166.9984]PC 2	0.232	0.002	1.00E-04	0	31.87	17	49	2	572	0.08
1117.565	6	Q15942	R.SPGAPGPTLU S[166.9984]PG. 2	0.424	0.001	0.001	0	34.79	18	49	2	572	1.17
1269.518	8	Q16181	K.SPLAQMEEPF S[166.9984]PL 2	0.888	4.30E-04	0.002	0	39.43	18	39	3	437	1.54
1343.635	14	Q16204	K.LDQPVASAPP LQDPVASAPP[1] 2	0.991	2.90E-04	0.002	0	41.46	19	136	6	474	1.42
1834.705	11	Q16204	R.QLSESSLELV QLS[166.9984] 2	2.159	6.20E-08	0.002	0	76.69	17	136	6	474	1.04
1423.602	6	Q16204	K.LDQPVASAPP LQDPV[166.99] 2	-0.638	0.015	6.00E-04	0	23.17	17	112	4	474	0.41
1112.55	6	Q16204	K.SGGVIVSPPR.L SGGVIVS[166.99] 2	-0.796	0.018	0.002	0	23.57	19	106	4	474	1.45
1441.621	6	Q16512	K.LNLGTDSDSSI LNLGTDSDS[16] 2	-0.345	0.007	0.002	0	26.1	17	26	2	942	1.64
1441.621	15	Q16512	K.LNLGTDSDSSI LNLGTDSDS[1] 2	0.262	0.002	0.002	0	32.15	17	32	1	942	1.64
1572.679	9	Q16513	R.ASSLGEIDESS ASS[166.9984] 2	2.159	1.80E-05	0	0	52.2	17	52	2	984	-0.03
1322.635	5	Q16514	R.LSPENNVQLT LS[166.9984]PE 2	-0.161	0.005	8.00E-04	0	29.94	19	30	1	161	0.57
1655.581	9	Q16539	R.HTDDEMTGY HTDDEMT[18] 2	0.932	3.80E-04	0.002	0	34.86	13	35	1	360	1.31
1575.615	13	Q16539	R.HTDDEMTGY HTDDEMTGY[2] 3	0.32	0.016	0.001	0	21.54	16	22	1	360	0.88
1134.476	6	Q16611	-M.ASGQGPMP MAS[166.9984] 3	0.421	0.012	0.002	0	20.57	14	21	1	211	1.53
1353.536	10	Q16625	R.YSSGQGFETP YSS[166.9984]C 2	0.489	0.001	0.001	0	32.42	15	32	1	522	0.71
2016.843	10	Q16637	R.GTGQSDSDSI GTGQS[166.99] 2	2.159	1.30E-09	0.003	0	94.65	18	95	1	294	1.29
2016.843	10	Q16637	R.GTGQSDSDSI GT[181.014]GC 2	2.274	1.00E-08	0.003	0	85.57	18	97	2	294	1.29
2016.843	7	Q16637	R.GTGQSDSDSI GTGQSDSDS[16] 3	0.969	0.004	0.003	0	29.04	17	97	2	294	1.59
1941.844	12	Q16643	R.SPSDSTASTF SPS[166.9984]C 2	2.119	3.30E-07	0.001	0	71.41	19	86	2	649	0.51
988.498	6	Q16643	R.LSSPVLH.R LSS[166.9984]P 2	-0.101	0.004	8.00E-04	0	27.54	16	90	2	649	0.77
1941.844	13	Q16643	R.SPSDSTASTF S[166.9984]PS 2	2.025	6.60E-10	0.001	0	98.42	19	111	2	649	0.51
1156.576	10	Q16649	K.GPHHSVELK.I GPHHS[166.998] 2	-0.037	0.004	0.001	0	31.18	19	47	4	462	1.22
1158.511	6	Q16649	K.LSSPIDMTSK.L LSS[166.9984]P 2	-0.037	0.003	0.001	0	27.18	15	47	4	462	0.95
1120.54	9	Q16659	K.GHLSGELVTK GHLS[166.9984] 2	-0.62	0.014	0.001	0	24.33	18	28	2	721	1.06
1656.736	11	Q16666	K.EVDATSPAPS EVDATS[166.99] 2	2.159	1.60E-05	0.002	0	53.39	18	68	3	785	0.9
2268.962	12	Q16666	K.VSEEQTOPPS VSEEQTOPPS[1] 2	0.118	0.002	0.002	0	32.73	19	68	3	785	1.12
831.493	6	Q16695_P6843	K.STELLUR.K STELLUR 2	2.128	2.20E-05	0.001	0	53.83	20	54			1.66
1656.739	7	Q16875	R.RNSVPLASPI RNS[166.9984] 2	-0.956	0.026	0.001	1	21.94	19	22	1	520	0.63
1615.668	9	Q17898	R.TTSPFFSEDT TTS[166.9984] 2	-1.06	0.033	0.003	0	18.99	17	19	3	1081	1.91
1644.676	7	Q18PE1	R.DHSPSQSGS DHS[166.9984] 3	-0.153	0.042	0.002	0	18.79	18	19	1	504	1.22
2467.962	10	Q1KMD3	R.EEDEPEERSG EEDEPEERS[16] 2	0.106	0.002	0.004	1	31.61	18	43	5	747	1.4
2547.928	15	Q1KMD3	R.EEDEPEERSG EEDEPEERS[16] 3	-0.062	0.037	0.003	1	17.7	16	43	5	747	1.27
1454.586	16	Q1KMD3	R.SGDETPGSEV S[166.9984]GD 2	-0.056	0.004	9.00E-04	0	28.99	17	32	5	747	0.63
3292.365	25	Q2781	R.GARPPAAGP GARPPAAGPC 3	1.256	1.40E-04	0.002	0	43.47	17	71	2	1249	0.47
3292.365	26	Q2781	R.GARPPAAGP GARPPAAGPC 3	1.224	4.40E-06	0.002	0	57.92	17	72	2	1249	0.77
1635.737	15	Q29RF7	R.AAVQESQSP AAVQES[166.] 2	1.729	6.20E-05	0.002	0	47.84	18	80	4	1337	1.18
2241.914	10	Q29RF7	R.EQSSAAETG EQSSAAETGV. 2	2.197	2.50E-06	0.002	0	60.85	17	106	4	1337	0.77
1689.737	17	Q2LD37	K.VVFENEQDN: VVFENEQDNSS 2	-0.992	0.033	0.004	0	20.61	18	21	4	5005	2.41
1689.737	9	Q2LD37	K.VVFENEQDN: VVFENEQDNSS 2	-0.704	0.017	0.004	0	23.54	18	24	2	5005	2.41
1229.521	5	Q2M2I8	K.VGSLTPSSPK VGS[181.014] 2	0.404	0.001	0.001	0	34.59	18	35	2	961	1.1
1090.406	6	Q2M3G4	K.WCFSEPGK.L WC[160.0307]F 2	0.961	3.20E-04	0.001	0	35.16	13	35	1	852	1.24
1535.578	10	Q2NXX8	R.IVSDGEDED V[166.9984]D 2	2.159	5.60E-08	-0.002	0	74.3	14	74	3	1250	-1.24
1765.86	16	Q2TAA2	R.DVAEAKPELS DVAEAKPELSL 3	0.636	0.008	0.002	0	25.72	17	26	1	248	1.28
1031.419	7	Q2T8E0	K.STFAGSPEP.E STFAGS[166.99] 2	-0.733	0.019	8.00E-04	0	21.21	16	21	3	894	0.82
1680.803	13	Q2VPK5	R.LSQMQSPPI: LSQMQS[166.9] 2	-0.427	0.009	0.001	0	24.28	16	24	1	515	0.76
1380.604	8	Q32MZ4	K.IDGATQSSPA IDGATQSS[166.] 2	-0.567	0.011	4.00E-04	0	25.88	19	175	11	808	0.26
3004.307	13	Q32MZ4	K.ALDNSLEND ALDNS[166.99] 3	1.224	3.20E-04	0.004	1	41.42	19	199	9	808	1.29
3004.307	13	Q32MZ4	K.ALDNSLEND ALD[166.9984] 3	1.042	0.003	0.002	1	31.74	19	175	11	808	0.66
2828.102	22	Q32MZ4	R.CTLPEHESPC C[160.0307]Tf 3	1.291	2.20E-06	0.002	0	61.24	17	175	11	808	0.87
3497.472	15	Q32MZ4	K.TEVPGPSAGT TEVPGS[166.99] 3	1.291	1.90E-04	0.003	0	42.86	18	175	11	808	0.94
1853.791	10	Q32MZ4	K.ALDNSLEND ALDNS[166.99] 2	2.159	1.40E-06	0.002	0	65.45	19	175	11	808	0.83
2828.102	10	Q32MZ4	R.CTLPEHESPC C[160.0307]Tf 3	1.224	2.10E-05	0.002	0	51.4	17	199	9	808	0.87
1369.57	6	Q32MZ4	R.EIDCLPEAQ EIDC[160.0307] 2	-0.949	0.027	0.001	0	21.06	18	175	11	808	0.88
4224.774	8	Q32MZ4	K.TEVPGPSAGT TEVPGPSAGT[1] 4	-0.244	0.032	0.004	1	20.24	18	253	14	808	0.91
1839.747	10	Q32MZ4	K.IAAESSENVDI IAAES[166.998] 2	-0.456	0.009	8.00E-04	0	23.99	16	241	10	808	0.43
1472.59	6	Q32MZ4	K.SDQGEALD: S[166.9984]DQ 2	-0.458	0.008	0.003	0	23.97	16	241	10	808	1.8
1839.747	5	Q32MZ4	K.IAAESSENVDI IAAES[166.99] 2	-0.688	0.015	8.00E-04	0	21.66	16	275	14	808	0.43
4224.774	12	Q32MZ4	K.TEVPGPSAGT TEVPGS[166.99] 4	0.576	0.008	0.004	1	26.24	18	205	10	808	0.91
3497.472	15	Q32MZ4	K.TEVPGPSAGT TEVPGPSAGT[1] 3	1.334	0.016	0.003	0	23.69	18	275	14	808	0.94
2798.133	18	Q3B726	K.HQEVQDQDP HQEVQDQDPV 3	0.291	1.50E-05	0.002	0	52.24	17	85	4	338	0.75
1592.736	9	Q3B726	R.KHSEAEFTPI KHS[166.9984] 2	0.728	5.10E-04	0.002	1	39.23	19	85	4	338	0.96
2798.133	14	Q3B726	K.HQEVQDQDP HQEVQDQDPV 3	1.224	1.00E-05	0.002	0	53.86	17	86	4	338	0.75
2926.228	9	Q3B726	K.HQEVQDQDP HQEVQDQDPV 3	0.328	0.015	1.00E-04	1	24.63	19	80	4	338	0.05
2926.228	14	Q3B726	K.HQEVQDQDP HQEVQDQDPV 3	0.775	0.005	1.00E-04	1	29.1	19	99	4	338	0.05
1989.828	19	Q3KQU3	R.RSSQSPPTAV RSSQPS[166.99] 3	0.049	0.027	0.002	1	21.83	19	114	8	841	1.15
2069.894	11	Q3KQU3	R.RSSQSPPTAV RSS[166.9984]C 2	2.119	9.40E-06	0.002	1	56.02	18	114	8	841	0.8
1270.593	9	Q3KQU3	R.LSASTASELSP LSASTASELS[16] 2	2.159	3.80E-06	0.001	0	59.85	18	152	11	841	1.02
2069.894	13	Q3KQU3	R.RSSQSPPTAV RSSQPS[166.99] 3	0.093	0.024	0.002	1	22.25	19	152	11	841	1.04
1066.54	5	Q3KQU3	R.SRSVAVLP.N SRSVAV[181.01] 2	-1.014	0.031	0.001	1	22.41	20	152	11	841	1.16
2313.02	7	Q3KQU3	K.ESAAPASAP ESAAPAS[166.9] 2	1.448	1.20E-04	0.002	0	45.03	18	152	11	841	1.06
1989.928	8	Q3KQU3	R.RSSQSPPTAV RSS[166.9984]C 2	0.963	3.30E-04	0.001	1	40.18	18	152	11	841	0.59
1154.527	7	Q3KQU3	R.CSVSVAVLPK C[160.0307]SV 2	-0.684	0.015	0.002	0	22.71	17	126	11	841	1.37
2313.02	9	Q3KQU3	K.ESAAPASAP ESAAPAS[166.9] 2	1.314	1.60E-04	0.002	0	43.68	18	174	9	841	1.06
1285.557	6	Q3KQU3	K.SSATLWNPS S[166.9984]A 2	-1.046	0.035	6.00E-04	0	20.09	18	98	9	841	0.44
1672.729	6	Q3L8U1	R.VMSPENFPPT VMS[166.9984] 2	0.554	8.30E-04	0.002	0	37.09	19	37	2	2897	1.49
1833.779	8	Q3L8U1	K.YAEDIEGKQS: YAEDIEGKQS[1] 2	0.267	0.002	0.002	1	33.2	18	51	3	2897	0.9
1533													

2246.975	19	Q52LW3	K.IEEDRCNSAI IEEDRC[160.03] 3	-0.045	0.036	0.003	1	20.91	19	72	7	1261	1.23
1824.805	7	Q52LW3	R.EPPSPSETGPI EPPS[166.9984] 2	-0.874	0.022	0.003	0	22.8	19	87	6	1261	1.51
1189.598	5	Q52LW3	R.LLLASPPNER.LLLAS[166.9984] 2	-1.075	0.035	7.00E-04	0	20.83	19	54	5	1261	0.57
895.396	6	Q52LW3	K.SLFFSSK.E SLFFS[166.9984] 2	-0.556	0.012	6.00E-04	0	20	13	32	3	1261	0.67
1066.518	12	Q53E16	R.SGLTVPTSPK.SGLTVPTS[166. 2	0.003	0.003	8.00E-04	0	31.58	19	32	1	469	0.73
1066.518	5	Q53E16	R.SGLTVPTSPK.SGLTVPTS[181.0] 2	-0.587	0.012	8.00E-04	0	25.66	19	26	2	469	0.73
1185.555	5	Q53E90	R.LNSPPSSIVK.SLNS[166.9984] 2	-0.229	0.006	0.001	0	26.26	16	26	2	1204	1.02
1695.766	11	Q53E24	K.SPAAALNESL.S[166.9984]PT7 2	1.471	1.20E-04	0.002	0	45.26	18	45	1	464	1.12
1695.766	7	Q53E24	K.SPAAALNESL.SPT[181.014]A 2	1.387	1.40E-04	0.002	0	44.4	18	44	1	464	1.12
2171.001	16	Q53F19	K.AEAPAGPALC.AEAPAGPALG 3	-0.149	0.047	0.003	0	19.83	19	55	4	620	1.48
1051.464	6	Q53GL7	K.AGPVSPGCVN.AGPVSP[166.99] 2	-0.768	0.018	6.00E-04	0	20.85	16	21	2	1025	0.56
1969.854	8	Q53G57	K.SPDAASAFSP.S[166.9984]PD 2	1.545	9.50E-05	0.002	0	46	18	46	2	698	0.92
1668.675	11	Q53G59	R.EVDEDESEPER.EVDEDS[166.99] 2	-1.048	0.032	0.002	1	19.05	17	19	1	565	1
1615.736	13	Q53HL2	R.IYNISGNGSPL.IYNISGNGS[16] 2	1.557	9.70E-05	0.002	0	46.12	18	46	2	280	1.11
1254.58	4	Q53LP3	R.DLVMGSSPQI.DLVMGSS[166. 2	-0.716	0.015	0.001	0	24.37	19	24	1	525	0.91
1820.752	10	Q53SF7	R.QSSLTFQSSDI.QSS[166.9984] 2	2.159	9.00E-06	0.001	0	55.98	18	56	2	1204	0.79
1492.704	8	Q53SF7	R.DQTASAPATF.DQTAS[166.99] 2	-0.663	0.013	0.004	0	23.92	18	67	2	1204	2.68
1066.482	7	Q53SF7	K.VEAENISPK.VEAENIS[166.9] 2	0.252	0.002	7.00E-04	0	33.05	18	96	5	1204	0.66
2020.947	7	Q53T59	R.KLSPQDPSD.KLS[166.9984]F 2	-0.132	0.004	0.002	1	30.23	19	47	2	392	1.12
2020.947	15	Q53T59	R.KLSPQDPSD.KLSPQDPS[166. 3	0.473	0.011	0.002	1	26.07	19	26	1	392	1.02
1921.836	17	Q562F6	R.KTSDIPSPESH.KTS[166.9984] 3	0.625	0.007	0.002	1	27.6	19	28	1	1265	1.09
1954.064	14	Q562R1	R.VAPDEHPILL.VAPDEHPILLTE 3	-0.123	0.044	0.003	0	14.13	13	39	3	376	1.7
2021.889	10	Q56N19	R.VLSEPIGPES.VLSEPIGPES[16] 2	-0.27	0.006	0.003	0	27.85	18	28	2	601	1.26
2021.889	8	Q56N19	R.VLSEPIGPES.VLSEPIGPESPS 2	-0.574	0.013	0.003	0	24.84	18	25	1	601	1.26
2021.889	11	Q56N19	R.VLSEPIGPES.VLSEPIGPESPS 2	2.025	1.70E-05	0.003	0	53.6	18	54	2	601	1.26
2021.889	14	Q56N19	R.VLSEPIGPES.VLSEPIGPESPS 2	-0.014	0.004	0.003	0	30.39	18	30	1	601	1.26
1540.646	6	Q58WW2	R.DGQSPNVSL.DGQSS[166.99] 2	0.988	3.10E-04	0.002	0	41.43	19	41	1	860	1.41
3025.186	18	Q58KZ1	K.GENPFQIDH.GENPFQIDHS[ 3	0.649	0.007	0.002	0	26.81	18	27	2	582	0.68
2945.219	18	Q58KZ1	K.GENPFQIDH.GENPFQIDHS 3	0.641	0.007	0.003	0	27.77	19	28	2	582	1.12
866.45	6	Q5C2C0	K.LANSUR.E LANS[166.9984] 2	-0.021	0.003	8.00E-04	0	32.34	20	32	5	6907	0.92
1625.669	16	Q5F1R6	K.VDPEDTNLNC.VDPEDTNLNQD 2	0.671	6.90E-04	6.00E-04	0	36.26	17	36	1	531	0.35
2074.758	10	Q5F1R6	K.EFGDGSDEEN.EFGDGS[166.9] 2	0.288	0.002	0.001	0	30.42	15	61	2	531	0.68
953.434	6	Q5FWF5	K.LDSQVSK.L LDSQS[166.99] 2	-0.556	0.012	0.001	0	23.99	17	24	2	840	1.22
2219.865	11	Q5SHR7	R.IQDFDGGSE.IQDFDGGSS[16] 2	2.159	6.40E-07	0.002	0	65.93	16	66	2	873	0.84
1911.848	5	Q5HYI7	K.LTPEEENNS.LTPEEENNSFC 2	-0.202	0.005	0.003	1	29.53	19	30	1	312	1.79
1709.778	8	Q5HYJ3	K.ISNLSPEEQG.ISNLS[166.9984] 2	1.769	5.60E-05	0.001	0	48.24	18	48	1	339	0.61
2064.923	20	Q5JPE7_P69849	R.LQGVGALGQ.LQGVGALGQA 2	-0.377	0.007	0.002	0	27.78	19	28	2	913	0.72
1993.685	10	Q5JSH3	K.SDSTDGVCSG.S[166.9984]DTI 2	2.11	2.40E-05	0.001	0	47.65	14	93	2	913	0.88
1779.659	8	Q5JSH3	K.EYVSNDAAG.EYVSNDAAGQS[ 2	2.159	1.60E-06	0.002	0	59.04	13	93	2	913	0.72
1993.685	8	Q5JSH3	K.SDSTDGVCSG.SDSTD[181.014]D 2	2.127	9.40E-07	0.001	0	61.72	14	140	3	913	0.72
1143.472	5	Q5JSZ5	R.EAGSPAQEFK.EAGS[166.9984] 2	-0.931	0.025	3.00E-04	0	21.24	18	27	6	2229	0.29
1612.66	8	Q5JSZ5	R.CSPLEDFVPC.[160.0307]S1 2	-0.332	0.006	0.002	0	27.23	18	72	6	2229	1.51
2252.956	13	Q5JSZ5	R.EGPGSEPDSC.EGPGS[166.99] 2	0.728	6.00E-04	0.001	0	37.83	18	44	5	2229	0.55
2051.788	14	Q5JSZ5	R.VASETHSEGS.VAS[166.9984] 2	-0.44	0.009	0.002	0	25.13	17	72	6	2229	0.73
1971.822	15	Q5JSZ5	R.VASETHSEGS.VASETHS[166.5] 3	0.224	0.018	0.002	0	22.58	18	31	5	2229	0.97
1209.519	4	Q5JSZ5	K.EVPWPSAEK.EVPWSPS[166. 2	-0.901	0.025	0.001	0	20.52	17	68	4	2229	1.06
1622.735	6	Q5JTD0	R.GSPEEELPLPA.GS[166.9984]PI 2	1.475	9.70E-05	0.002	0	45.3	18	80	3	557	1.48
1738.801	15	Q5JTD0	R.KDSLTAQAEK.KDS[166.9984] 2	2.12	2.40E-05	0.002	1	52.75	19	80	3	557	1.15
2631.994	24	Q5JTH9	K.GDSIEEILADS.GDSIEEILADS[1] 3	0.205	0.019	0.003	0	19.41	15	19	1	1297	1.11
2836.132	13	Q5JTV8	K.VNFSEEGETE.VNFSEEGET[18] 3	0.21	0.019	0.002	0	20.42	16	91	6	583	0.83
2460.989	26	Q5JTV8	R.DSHSSEDEA.DSHS[166.998] 3	1.224	4.70E-04	0.004	0	37.79	17	97	4	583	1.43
2916.098	13	Q5JTV8	K.VNFSEEGETE.VNFS[166.9984] 3	1.291	5.10E-04	0.002	0	35	15	91	6	583	0.56
2460.989	16	Q5JTV8	R.DSHSSEDEA.DSHS[166.9984] 3	1.092	0.003	0.004	0	30.26	17	86	6	583	1.43
2281.08	13	Q5JTV8	R.LQQHSEEQPI.LQQHSEEQPPU 3	-0.179	0.047	0.002	0	17.56	17	72	4	583	0.89
2836.132	10	Q5JTV8	K.VNFSEEGETE.VNFS[166.9984] 3	0.72	0.006	0.002	0	25.55	16	111	4	583	0.83
2460.989	6	Q5JTV8	R.DSHSSEDEA.DSHSSEDEASS 3	0.86	0.005	0.004	0	27.96	17	79	5	583	1.43
2903.199	12	Q5MIZ7	K.GSLVGLVDPY.GSLVGLVDYDPI 3	-0.072	0.04	-3.00E-04	1	19.64	18	20	1	849	-0.09
1111.514	6	Q5R3F8	R.QLSADAATVF.QLS[166.9984] 2	-0.064	0.003	8.00E-04	0	31.91	20	32	4	820	0.71
1243.546	4	Q5R3F8	R.MASIPSMIGE.MAS[166.9984] 2	-1.138	0.047	0.002	0	19.15	18	37	5	820	1.62
1931.855	12	Q5SW79	R.SESLDPDSSM.SES[166.9984] 2	0.993	2.90E-04	0.002	0	41.47	19	41	5	1584	1.29
1500.61	8	Q5SW79	R.LGEASDESLA.LGEAS[166.998] 2	2.016	3.40E-05	0.004	0	49.69	17	50	3	1584	2.4
1876.723	9	Q5TON5	R.ESPEGSYDDE.S[166.9984]PT 2	1.777	4.70E-05	0.001	0	47.32	17	47	3	605	0.72
1159.524	6	Q5TON5	R.TISDGTISAKI.TIS[166.9984]D 2	-0.903	0.027	0.001	0	21.52	18	51	2	605	1.11
1535.615	8	Q5T1M5	R.SSLSGDEEDEI.SSL[166.9984] 2	-0.481	0.009	0.003	0	24.74	17	38	4	1219	1.78
1535.615	7	Q5T1M5	R.SSLSGDEEDEI.SS[166.9984]LS 2	-0.04	0.004	0.002	0	28.15	16	40	4	1219	1.46
1321.758	11	Q5T200	R.SLSPSHLTDOR.SL[166.9984]P 2	0.872	4.30E-04	0.002	0	39.27	18	49	8	1668	1.39
2098.997	15	Q5T200	K.GPRTPSPPPP.GPRT[181.014] 3	0.575	0.01	0.003	1	26.07	18	49	8	1668	1.59
1916.864	6	Q5T200	R.GNIETTSEDG.GNIETTSEDGQ 2	0.003	0.003	0.002	1	31.56	19	74	6	1668	0.82
1788.769	8	Q5T200	R.GNIETTSEDG.GNIETTSEDGQ 2	2.197	1.30E-05	-8.00E-04	0	54.21	18	88	8	1668	-0.43
1649.653	15	Q5T310	K.DLESCSDDDN.DLESC[160.030] 2	2.159	1.90E-05	0.003	0	49.19	15	51	2	446	1.66
1902.724	9	Q5T310	K.EEEEAATASERI.EEEEAATAS[166. 3	-0.125	0.046	0.003	1	18.07	17	51	2	446	1.47
2920.234	15	Q5T457	R.TSPADHGGSS.TS[166.9984]PV 3	0.169	0.021	-0.002	0	22.01	18	31	11	5183	-0.87
1277.614	6	Q5T457	K.ELASPVPELR.ELAS[166.9984] 2	-0.711	0.015	0.002	0	23.44	18	31	9	5183	1.66
2920.234	19	Q5T457	R.TSPADHGGSS.T[181.014]SPA 3	0.416	0.012	-0.002	0	24.52	18	31	7	5183	-0.87
1073.514	5	Q5T457	R.HVTLPPSSP.HVTLPPSS[166.9] 2	-1.016	0.034	0.001	0	21.38	19	52	10	5183	1
2920.234	9	Q5T457	R.TSPADHGGSS.TSPADHGGSVG 3	0.861	0.004	-0.002	0	28.96	18	37	7	5183	-0.87
1794.838	9	Q5T5P2	R.RQEQPSIEST.RQEQPSIEST[1] 3	-0.107	0.045	0.002	1	19.25	18	19	5	1943	0.98
1794.838	10	Q5T5P2	R.RQEQPSIEST.RQEQPSIESTS[1] 3	0.676	0.007	0.002	1	27.1	18	27	5	1943	0.98
1718.753	9	Q5T5Y3	K.SPNSHDESEPM.S[166.9984]PN 3	0.228	0.02	0.002	0	20.63	18	23	3	1602	1.36
1337.573	6	Q5T5Y3	K.SIQGEDIPDQI.S[166.9984]QC 2	-1.042	0.032	0.003	0	22.11	18	26	5	1602	1.13
1315.652	8	Q5T5Y3	R.RPSEGPQIV.RPS[166.9984] 2	-0.671	0.014	0.001	0	23.82	18	26	5	1602	0.83
2059.96	18	Q5T5Y3	R.ADVVPQQAD.ADVVPQQADPT 2	-1.085	0.039	7.00E-04	1	19.68	18	25	5	1602	0.35
1484.663	6	Q5TRP6	R.EGSTQQLQTT.EGSTQQLQTT[S] 2	-0.759	0.019	0.002	0	22.95	18	23	1	1007	1.05
1182.515	5	Q5TRC2	R.SSLSDLTHRI.SSLS[166.9984] 2	-1.099	0.042	0.001	0	18.56	17	19	3	384	1.06
2752.038	8	Q5TAQ9	R.VHORSSEEEE.VHORS[166.99] 3	1.207	0.002	0.002	1	31.41	17	31	1	597	0.85
2143.893	7	Q5TCQ9	K.QPEDDSSQAF.QPEDDSSQAFIS 2	-0.149	0.004	0.002	0	29.06	18	41	3	1506	0.89
1732.614	14	Q5TCQ9	R.MDSSLPEEEE.MDSS[166.99] 2	0									

2504.986	17	QSV5L9	R.KDSEGYSEPI KDSEGY[166.9	0.949	0.004	0.004	1	28.82	17	29	1	837	1.38
1526.692	8	QSVT52	R.MSGEPIQTV MS[166.9984]C	0.715	6.40E-04	0.002	0	36.7	17	112	8	1461	1.56
2109.945	8	QSVT52	R.GPTSTSIDNID GPTSTSIDNIDG	0.494	0.01	0.001	1	25.28	18	113	8	1461	0.55
1862.688	18	QSVT52	R.DVEDMELSD DVEDMELSD[166	2.159	1.30E-07	0.001	0	71.14	15	112	8	1461	0.69
1682.793	7	QSVT52	R.RMSGEPQTV RMS[166.9984]3	0.221	0.02	0.002	1	23.53	19	112	8	1461	1.24
2853.224	18	QSVT52	R.SGTPQDEM SGT[181.014]P	-0.069	0.04	0.007	0	19.67	18	80	7	1461	2.54
1714.753	15	QSVTR2	R.SGSALLOSQS:SGSALLOSQS[2	0.147	0.002	0.001	0	32.02	18	78	3	975	0.59
1961.849	13	QSVTR2	K.ALVVPEPEPD:ALVVPEPEPDC	1.618	7.60E-05	0.002	0	46.73	18	63	3	975	0.88
1714.753	7	QSVTR2	R.SGSALLOSQS:SGSALLOSQSST	0.747	5.40E-04	0.001	2	38.02	18	75	3	975	0.59
1714.753	8	QSVTR2	R.SGSALLOSQS:SGSALLOSQS[1]	0.128	0.002	0.001	0	31.81	18	54	4	975	0.59
2089.944	6	QSVTR2	K.ALVVPEPEPD:ALVVPEPEPDC	-0.581	0.011	0.002	1	25.73	19	85	5	975	0.99
882.412	4	QSVU4	K.NSPFFLK S NS[166.9984]P	-0.873	0.024	6.00E-04	0	18.82	15	44	8	2279	0.71
1272.518	4	QSVU4	R.SPGLCSDSLEY S[166.9984]P	-0.139	0.004	0.001	0	27.16	16	47	11	2279	1.07
961.512	5	QSVU4	R.IPSPNILKT IPS[166.9984]P	0.534	8.20E-04	0.001	0	37.89	20	47	11	2279	1.07
1288.498	10	QSVU4	R.SFPDIEEEK J S[166.9984]P	-1.19	0.044	0.002	0	18.68	18	34	9	2279	1.75
1466.623	8	QSVU4	K.LCSPLEPGDF LC[160.0307]S	-0.508	0.011	0.003	0	24.45	17	55	9	2279	1.79
2032.901	16	QSVV41	K.GSFKDDPQLY GS[166.9984]F	-0.137	0.045	0.003	1	19.99	19	27	2	709	1.35
2632.078	12	QSVV41	R.GLNTSQESDC GLNTS[166.998	0.563	0.009	0.004	0	24.99	17	27	2	709	1.47
1417.647	8	QSVVQ8	K.QGSPSPVSPNA QGSPSPV[166.5	-0.56	0.012	8.00E-04	0	23.95	17	24	1	1189	0.55
2258.009	15	QSVZ89	R.RSSPLDHDHGR RSS[166.9984]3	1.224	9.10E-04	0.003	1	35.84	18	55	3	1673	1.31
1013.503	7	QSVZ89	R.STSLALVR S STS[166.9984]L	0.589	7.20E-04	7.00E-04	0	37.44	19	55	3	1673	0.71
2612.122	13	QSVZ89	K.HSQSPSEPHS HSQSPS[166.998	-0.161	0.047	0.003	0	18.73	18	52	3	1673	1.3
2612.122	10	QSVZ89	K.HSQSPSEPHS HSQSPS[166.998	0.043	0.029	0.003	0	20.78	18	44	2	1673	1.3
1702.768	16	QSVZK9	R.RSSGFISELPSR RSS[166.9984]C	-1.131	0.044	0.002	1	20.24	19	21	4	1371	1.15
1978.919	17	QSVZK9	K.SERPPTILMTE SERPPTILMTEE	-0.015	0.037	0.003	0	20.17	18	20	3	1371	1.52
1749.769	12	QSVZK9	R.TASRPDDIPD: TASRPDDIPD	-0.18	0.048	0.002	0	19.56	19	32	4	1371	1.32
1978.919	17	QSVZK9	K.SERPPTILMTE SERPPTILMTEE	0.405	0.014	0.003	0	24.41	18	38	5	1371	1.52
1749.769	12	QSVZK9	R.TASRPDDIPD: TASRPDDIPD	0.195	0.002	0.001	0	32.49	18	54	5	1371	0.69
2262.015	19	QSVZL5	R.RVTOHESDNI RVTOHES[166.9	-0.089	0.041	-2.00E-04	1	20.43	19	84	4	1548	-0.09
2105.914	19	QSVZL5	R.VTOHESDNI VTOHES[166.9	2.159	1.00E-05	0.001	0	55.42	18	84	4	1548	0.57
2105.914	8	QSVZL5	R.VTOHESDNI V[181.014]QH	0.698	0.006	0.002	0	27.33	18	87	4	1548	1.05
950.471	6	QSVZL5	K.SIVAVEPR S S[166.9984]VA	-1.118	0.038	3.00E-04	0	20.35	19	83	6	1548	0.36
1271.588	4	QSW0B1	K.IQSSLSASPS IQSSLS[166.99	-1.247	0.049	0.002	0	19.11	19	19	2	726	1.45
1271.588	5	QSW0B1	K.IQSSLSASPS IQSSLSAS[166.	-0.384	0.007	0.002	0	27.7	19	28	2	726	1.45
2201.803	21	QSXUJ1	R.TWDDSDOPE TWDDSD[166.9	2.159	1.60E-07	0.001	0	69.78	14	70	1	488	0.62
2305.803	9	QSZPR3	K.QSCEENAGS QSC[160.0307]	-1.212	0.046	0.006	0	13.41	13	13	1	534	2.42
2169.871	8	Q63HN8	K.EDQEAALLS EDQEAALLS[1	1.142	2.00E-04	0.002	0	39.97	16	40	2	5207	0.76
1767.759	10	Q63HN8	R.DFATPSLHTS DFATPSLHTSDC	-0.255	0.006	0.002	0	29.19	18	56	7	5207	1
1517.7	7	Q63ZV6,Q96P1	R.QLEEPGAGTF QLEEPGAGT[PS]	-0.143	0.004	0.002	0	27.92	18	29	0	1.22	
1829.762	7	Q641Q2,Q5SN1	R.LAAQESSETE LAAQESSET[18	-1.093	0.037	0.002	0	19.62	18	75	0	1.06	
1829.762	7	Q641Q2,Q5SN1	R.LAAQESSETE LAAQES[166.9	0.624	7.10E-04	0.002	0	36.78	18	112	0	1.06	
1726.753	10	Q641Q2,Q5SN1	R.AVASPEATVS AVAS[166.998	2.159	3.00E-07	0.001	0	70.28	18	105	0	0.7	
1999.878	18	Q641Q2,Q5SN1	K.ETVSEAPPLF ETVSEAPPLF[5	-1.171	0.046	0.002	0	18.84	18	105	0	0.98	
1500.684	14	Q641Q2,Q5SN1	R.SRPTFADEL SRPT[166.998	0.291	0.002	0.002	0	33.46	18	105	0	1.52	
1754.716	12	Q641Q2,Q9Y4E	R.TPSDDEEDNL TPS[166.9984]C	0.639	6.40E-04	-6.00E-04	0	34.94	16	105	0	-0.37	
2110.867	8	Q659C4	K.LNGPGENVSE LNGPGENV[1	1.585	8.20E-05	0.002	0	45.4	17	45	1	914	0.96
3340.462	17	Q66K14	R.KASVVDPSTE KAS[166.9984]3	1.138	0.003	0.004	1	31.7	18	54	4	1250	1.26
3132.4	23	Q66K14	K.ASVVDPSTES:ASVVDPSTESS	1.291	2.70E-04	0.003	0	40.7	18	54	4	1250	0.97
3132.4	29	Q66K14	K.ASVVDPSTES:ASVVDPSTESS	1.317	0.001	0.003	0	33.53	18	65	3	1250	0.97
3132.4	7	Q66K14	K.ASVVDPSTES:ASVVDPSTESS	1.205	2.20E-04	0.003	0	41.59	18	78	3	1250	0.97
865.454	5	Q66K74	R.LSLPLR G LSL[166.9984]2	-0.423	0.009	5.00E-04	0	27.32	19	92	3	1059	0.62
1949.842	21	Q66K74	K.AVPMAPAPA AVPMAPAPAS[2	1.133	2.20E-04	0.002	0	41.88	18	74	3	1059	0.85
1783.727	9	Q66P13	R.SAGEEEDGPN S[166.9984]AG	0.234	0.002	-0.001	0	32.89	18	92	3	360	-0.81
2134.944	20	Q676U5	R.SVSSFPQDI S[166.9984]VSS	-0.598	0.011	0.001	0	26.55	20	27	2	607	0.55
1852.823	11	Q68C22	R.GVSGGPHPPG GVSGGPHPPDT	-0.54	0.011	0.002	0	25.14	18	25	2	1445	1
1398.63	9	Q68D06	K.YNLINGESP YNLINGES[166.	1.124	2.20E-04	0.002	0	41.79	18	42	1	897	1.33
2603.924	16	Q68E01	K.DESCVDNAE DES[160.0307	0.219	0.021	0.003	0	19.51	15	20	1	1043	1.07
1745.705	10	Q69H5	K.AGTDSPVSCA AGTDS[166.99	1.355	1.30E-04	0.002	0	44.1	18	44	2	1023	0.98
1243.535	10	Q69Y4	R.SFLSESPGR SFLSEPS[166.9	-0.387	0.007	0.002	0	26.68	18	27	5	1812	1.09
1447.578	7	Q69Y4	R.EDYFEPSPDR EDYFEP[166.5	-0.974	0.033	0.002	0	18.79	16	29	8	1812	1.59
1931.853	11	Q69YQ0	R.KGSSGNASEV KGS[166.9984]2	2.119	1.30E-07	0.001	1	75.26	19	113	4	1117	0.71
1803.758	9	Q69YQ0	K.GSSGNASEVS GSS[166.9984]2	1.696	5.70E-05	0.003	0	47.51	18	113	4	1117	1.57
1931.853	10	Q69YQ0	R.KGSSGNASEV KGS[166.9984]3	0.963	0.004	0.002	1	29.97	18	88	6	1117	1.28
1803.758	13	Q69YQ0	K.GSSGNASEVS GS[166.9984]S	1.409	1.10E-04	0.003	0	44.64	18	105	5	1117	1.57
1931.853	9	Q69YQ0	R.KGSSGNASEV KGS[166.9984]2	1.342	7.30E-04	0.002	1	37.11	18	133	4	1117	1.28
1254.555	5	Q6DD88	R.DAVVGRPSM DAVVGRPS[16	-0.682	0.014	0.001	0	24.73	19	25	1	541	0.95
1279.506	11	Q6DN90	R.MQFSFGEPE MQFS[166.998	0.402	0.001	0.002	0	33.57	17	34	2	963	1.29
1687.711	9	Q6DN90	R.NSWDSPAFSI NS[166.9984]VA	1.459	1.20E-04	-8.00E-04	0	45.12	18	65	3	963	-0.46
1855.771	15	Q6DT37	R.RPASMSEGG RPAS[166.9984]3	-0.062	0.037	0.001	0	20.7	19	21	2	1551	0.73
1335.608	8	Q6DT37	R.SLPLSELESS SLPLSELESS[1	-0.463	0.008	0.003	0	26.9	19	28	3	1551	1.95
1435.683	6	Q6GYQ0	K.TVIDDADQLF T[181.014]VDI	-1.073	0.037	0.002	0	19.82	18	83	3	2036	1.71
1307.635	9	Q6GYQ0	R.RGSSPGSLEIP RGS[166.9984]2	0.546	9.00E-04	0.002	1	36	18	72	3	2036	1.16
1747.779	10	Q6GYQ0	R.SSSTSDILEPFI SSST[166.9984]T	2.024	2.60E-05	0.003	0	51.27	18	70	3	2036	1.49
1747.779	7	Q6GYQ0	R.SSSTSDILEPFI SSST[181.014]S	0.586	8.00E-04	0.003	0	36.41	18	63	3	2036	1.49
1307.635	4	Q6GYQ0	R.RGSSPGSLEIP RGS[166.9984]2	-0.647	0.014	0.002	1	24.07	18	64	4	2036	1.16
1247.628	11	Q6IAA8	K.LLLDPSPPTK LLLDPS[166.9	-0.183	0.004	0.001	0	29.72	19	30	1	161	0.82
2614.007	13	Q6ICG6	R.VSTGDTSPCG VSTGDT[166.5	1.291	4.10E-04	-0.001	0	36.93	16	37	2	404	-0.51
2693.973	10	Q6ICG6	R.VSTGDTSPCG VSTGDTSP[16	-0.194	0.046	0.002	0	15.4	15	34	2	404	0.58
2693.973	17	Q6ICG6	R.VSTGDTSPCG VS[166.9984]T	-0.078	0.035	0.002	0	16.57	15	53	2	404	0.58
1505.569	8	Q6ICG6	K.SHSANDSEEF SHS[166.9984]2	-1.061	0.038	0.002	0	15.95	14	38	3	404	1.49
2693.973	11	Q6ICG6	R.VSTGDTSPCG VSTGDTSP[16	0.188	0.019	0.002	0	19.25	15	25	3	404	0.58
1663.755	13	Q6IQ22	R.AGGGGGLGA AGGGGGGLGAG	2.003	3.30E-05	0.001	0	51.58	19	52	2	244	0.66
2329.082	11	Q6IO49	R.VVNTDHGSP VVNTDHGS[16	0.563	0.009	0.003	0	25.95	18	26	1	451	1.37
2329.082	12	Q6IO49	R.VVNTDHGSP VVNT[181.014]	1.342	0.001	0.003	0	34.51	18	35	1	451	1.37
2720.055	9	Q6KC79	K.NNTAAETEDI NNTAAET[181	0.352	0.016	0.002	1	22.86	17	57	6	2804	0.8
1180.597	7	Q6KC79	K.AITSLGGGGSF AITSLGGGS[1	0.966	3.30E-04	0.002	0	41.21	19	153	8	2804	1.6
1947.672	10	Q6KC79	K.NNTAAETEDI NNTAAETEDDE	1.527	9.50E-05	0.002	0	40.82	13	153	8	2804	1.17
1362.601	8	Q6KC79	K.AAMYDIHSSP: AAMYDIHSS[16	1.836	4.50E-05	0.002	0	49.91	19	153	8	2804	1.43
2720.055													

1075.446	4	Q6P4Q7	R.SASLSYPRDR.T SAS[166.9984]I 2	-1.098	0.039	0.001	0	20.57	19	21	2	775	1.07
1336.578	9	Q6P597	R.TLSASTODLSF.TLSASTODLS[166.9984]I 2	-1.074	0.039	0.002	0	20.81	19	21	2	504	1.24
1882.68	12	Q6P6C2	K.SYSESDCESEF.SYSESDCESE[166.9984]I 2	-2.159	2.60E-08	0.002	0	78.6	15	109	4	394	0.87
2466.993	17	Q6P6C2	K.YQEDSDPERS.YQEDSD[166.9984]I 2	1.291	3.70E-04	0.003	1	39.19	17	109	4	394	1.11
1468.6	7	Q6P6C2	R.RGSFSESNYWR.RGSF[166.9984]I 2	-0.895	0.023	0.002	1	20.6	17	109	4	394	1.37
1312.499	11	Q6P6C2	R.GSFSESNYWF.RGSF[166.9984]I 2	-0.922	0.026	0.002	0	18.33	15	109	4	394	1.46
1882.68	9	Q6P6C2	K.SYSESDCESEF.SYSESDCESE[166.9984]I 2	0.907	4.00E-04	0.002	0	36.61	15	130	6	394	0.87
1882.68	12	Q6P6C2	K.SYSESDCESEF.SYSESDCESE[166.9984]I 2	0.599	7.30E-04	0.001	0	33.52	15	183	7	394	0.66
1882.68	9	Q6P6C2	K.SYSESDCESEF.SYSESDCESE[166.9984]I 2	1.476	9.70E-05	0.001	0	42.29	15	181	6	394	0.66
2083.907	10	Q6P996	R.GSDALSETSI.GSDALS[166.9984]I 2	0.058	0.03	0.003	0	20.94	18	21	1	788	1.3
1883.718	9	Q6P062	K.GEGESDDDEI.GEGES[166.9984]I 2	0.047	0.032	0.003	0	17.79	15	53	5	1173	1.51
2436.013	25	Q6P062	K.KGGEFDEFVW.KGGEFDEFVND 3	0.002	0.03	0.005	1	20.38	18	24	3	1173	1.91
1120.565	4	Q6PGN9	R.LSLGLSPEK.LLSLGLS[166.9984]I 2	-0.372	0.007	0.002	0	24.82	16	25	1	363	1.93
1607.746	16	Q6PID6	K.KSEAPAEVTH.KSEAPAEVTHFS 3	0.794	0.005	0	1	29.26	19	39	2	262	2.00
1479.651	10	Q6PID6	K.KSEAPAEVTH.KSEAPAEVTHFS 2	-0.183	0.004	0.002	0	28.72	18	39	2	262	1.2
2259.897	14	Q6PIW4	K.FSVCGSSQESI.FSVCG[160.0307] 3	-0.071	0.039	0.002	0	18.65	17	19	3	674	1.05
2525.126	7	Q6PIF5	R.DLELPSQEA.P.DLELPSQEA 3	1.291	5.00E-04	0.005	0	38.53	18	39	1	856	2.08
2525.126	12	Q6PIF5	R.DLELPSQEA.P.DLELPSQEA 3	0.294	0.017	0.005	0	23.29	18	37	3	856	2.08
995.456	6	Q6PIF5	K.SVSLQEP.R.S.VS[166.9984]I 2	0.119	0.002	4.00E-04	0	30.74	17	37	3	856	0.37
1451.653	5	Q6PIG6	R.GSPNTASAEA.GSPNT[181.014]I 2	-0.739	0.016	0.003	0	23.16	17	23	1	821	2.22
1451.653	9	Q6PIG6	R.GSPNTASAEA.GS[166.9984]I 2	-1.116	0.039	0.003	0	19.42	18	19	1	821	2.22
2119.897	14	Q6PII9	R.EAEHLSPWC.EAEHLSPWGE 3	0.152	0.025	0.003	0	20.88	17	21	2	974	1.24
1881.884	8	Q6PIJ5	K.VVESLPSSES.VVESLPSSESQ 2	0.281	0.002	1.00E-04	0	33.36	18	33	1	311	1.05
1881.884	9	Q6PIJ5	K.VVESLPSSES.VVESLPSSES[16 2	-0.48	0.01	1.00E-04	0	25.75	18	31	1	311	0.05
1864.714	9	Q6PIJ7	K.NGDECAYHH.NGDEC[160.03] 3	0.138	0.027	0.002	0	19.7	16	21	3	736	0.9
1374.667	12	Q6PIJ7	R.DLVQDPKAS.DLVQDPKAS[1 2	-1.019	0.034	0.001	0	19.39	17	19	3	736	1.05
3607.641	15	Q6PKG0	R.ESPRPLQPG.ESPRPLQPGA 3	1.291	2.20E-05	0.003	0	51.39	17	87	6	1096	0.87
1540.704	6	Q6PKG0	R.SLPTTVPEPN.SLPTTVPE[166 2	-0.419	0.008	0.002	0	26.36	18	89	5	1096	1.04
1620.671	4	Q6PKG0	R.SLPTTVPEPN.S[166.9984]LPT 2	-1.113	0.039	0.002	0	18.45	17	86	5	1096	1.41
1620.671	8	Q6PKG0	R.SLPTTVPEPN.S[166.9984]LPT 2	-1.011	0.031	0.002	0	19.42	17	88	5	1096	1.41
3490.377	18	Q6PLI8	K.IESDTEETQDI.IES[166.9984]D 3	1.291	4.70E-04	0.001	0	37.68	17	38	2	1390	0.32
3570.344	18	Q6PLI8	K.IESDTEETQDI.IES[166.9984]D 3	0.416	0.011	0.005	0	22.51	16	63	4	1390	1.54
1047.476	4	Q6R327	K.KALSASLDK.E.ALSYAS[166.99 2	-0.665	0.016	8.00E-04	0	22.9	17	101	5	1708	0.78
1039.543	11	Q6R327	K.STELLGVK.T.ST[181.014]EL 2	1.1	2.60E-04	0.003	0	40.55	17	101	5	1708	0.5
2258.927	14	Q6R327	R.HNSESEVPS.HNSESES[166.9 3	0.937	0.004	0.003	0	29.69	18	101	5	1708	1.46
1638.701	8	Q6R327	R.NDSGEENVPI.NDS[166.9984] 2	1.151	2.30E-04	0.003	0	42.06	18	81	6	1708	1.79
1851.823	11	Q6R327	R.GRNDGSEEN.GRND[166.99 3	0.067	0.03	0.002	1	20.99	18	101	5	1708	0.9
1039.543	13	Q6R327	K.STELLGVK.T.S[166.9984]TEL 2	1.76	5.70E-05	5.00E-04	0	47.15	17	81	6	1708	0.5
2258.927	9	Q6R327	R.HNSESEVPS.HNS[166.9984] 3	1.144	0.002	0.003	0	31.79	18	112	5	1708	1.46
1652.716	12	Q6T4R5	R.VQEQIDSDS.VQEQID[166.9 2	0.318	0.002	8.00E-04	0	33.73	18	35	3	1630	0.47
1585.714	7	Q6T4R5	R.ATTPSPVSDI.ATT[181.014]P 2	-1.151	0.041	0.001	0	19.04	18	35	3	1630	2.31
2850.304	22	Q6T4R5	K.APSAGLEEV.APSAGLEEV 3	1.393	1.00E-04	0.003	0	45.64	18	70	8	1630	0.96
2101.882	5	Q6UB98	R.DNSPDSTPN.DNS[166.9984] 3	0.254	0.022	0.003	0	21.89	18	22	3	2062	1.41
2215.921	9	Q6UB98	K.KIDEDHPTFE.KIDEDHS[166.9 3	0.027	0.03	0.002	1	20.6	18	21	4	2062	0.99
1047.414	5	Q6UB99	K.FSLSDQDR.D.FSL[166.9984] 2	-1.175	0.045	7.00E-04	0	17.83	17	18	4	2663	0.69
1796.712	10	Q6UN15	R.DHSPTSPVFN.DHS[166.9984] 3	1.291	3.30E-04	0.003	0	39.34	17	138	5	594	1.44
2081.856	7	Q6UN15	R.ERDHSPTSPV.ERDHSPT[181. 3	0.914	0.004	0.003	1	29.48	18	127	5	594	1.49
1876.679	11	Q6UN15	R.DHSPTSPVFN.DHS[166.9984] 2	2.159	1.20E-05	-2.00E-04	0	52.02	15	138	5	594	-0.12
1796.712	9	Q6UN15	R.DHSPTSPVFN.DHSPT[166.9 3	1.145	0.002	0.003	0	30.81	17	87	5	594	1.44
2081.856	7	Q6UN15	R.ERDHSPTSPV.ERDHS[166.99 3	1.127	0.001	0.003	1	34.83	18	121	4	594	1.49
3312.411	16	Q6UUV9	R.TNSDSALHQS.TNS[166.9984] 3	0.726	0.007	0.003	0	27.6	18	28	1	634	0.97
3312.411	19	Q6UUV9	R.TNSDSALHQS.TNS[166.998 3	0.713	0.007	0.003	0	27.45	18	27	1	634	0.97
3312.411	28	Q6UUV9	R.TNSDSALHQS.T[181.014]NSD 3	1.097	0.003	0.003	0	31.31	18	31	1	634	0.97
1327.535	8	Q6UWZ7	K.GFGEYSRPTI.GFGEYSRS[166 2	-0.552	0.01	0.003	1	23.03	16	23	1	409	2.37
1757.632	8	Q6VN20	K.HEDLQDDESS.HEDLQDDES[16 2	0.007	0.003	0.001	0	28.62	16	29	1	620	0.8
2549.166	12	Q6WJ29	R.KVSGDSSHTE.KVSGDSSHTE[ 3	0.178	0.024	0.008	1	22.12	18	22	2	1755	2.97
2549.166	19	Q6WJ29	R.KVSGDSSHTE.KVSGDSSHTE[18 3	0.156	0.025	0.008	1	21.91	18	22	2	1755	2.97
2549.166	11	Q6WJ29	R.KVSGDSSHTE.KVSGDSSHTE[16 3	-0.107	0.047	0.008	1	19.29	18	19	2	1755	2.97
1909.89	10	Q6WCO1	R.TLLTGDGGGT.TLLTGDGGGEA 2	1.07	2.70E-04	0.002	0	42.25	18	77	8	1025	0.79
1550.644	11	Q6WCO1	K.SPDSATVSGY.S[166.9984]PD 2	1.126	2.60E-04	0.002	0	39.81	16	77	8	1025	1.48
2675.194	11	Q6WCO1	K.DQPDGSSLS.DQPDGSSLS[16 3	0.604	0.008	0.002	0	25.38	17	75	5	1025	0.85
1124.506	6	Q6WCO1	R.SPGLPMSDLK.S[166.9984]PG 2	-0.494	0.011	0.001	0	23.61	16	77	8	1025	1.14
900.386	3	Q6WCO1	K.SNPDPFLK.S[166.9984]NPI 2	-1.044	0.037	7.00E-04	0	19.11	17	54	4	1025	0.82
2439.074	20	Q6WCO1	K.AEEQQLPPL.AEEQQLPPLS[ 3	0.219	0.021	0.005	0	23.54	19	68	4	1025	2.13
2675.194	22	Q6WCO1	K.DQPDGSSLS.DQPDGSSLS[166. 3	0.518	0.01	0.002	0	24.51	17	51	4	1025	0.85
2439.074	10	Q6WCO1	K.AEEQQLPPL.AEEQQLPPLS[ 3	0.445	0.013	0.005	0	25.79	19	54	4	1025	2.13
2760.198	17	Q6WKZ4	K.DSGSDTASAI.DSGSDTASAIH 3	-0.134	0.046	0.003	0	18.98	18	35	4	1283	1.02
1377.641	15	Q6WKZ4	R.LEVSPQAQPT.LEVS[166.9984] 2	0.276	0.002	4.00E-04	0	34.31	19	35	4	1283	0.32
3783.636	21	Q6Y7W6	R.VGVEASEETP.VGVEASEETPQ 4	0.146	0.024	0.002	0	22.03	18	22	2	1299	0.4
1284.563	10	Q6Y7W6	R.WRPHSDGDP.WRPHS[166.99 3	0.167	0.022	7.00E-04	0	22.02	18	25	3	1299	0.52
3783.636	15	Q6Y7W6	R.VGVEASEETP.VGVEASEETPQ 3	1.223	0.002	0.005	0	33.58	19	46	4	1299	1.43
3783.636	26	Q6Y7W6	R.VGVEASEETP.VGVEASEETPQ 4	-0.295	0.008	0.002	0	27.06	18	46	4	1299	0.4
1700.731	7	Q6ZN18	R.RGSELEMSDC.RGS[166.9984] 2	-0.262	0.006	0.002	1	26.93	17	27	2	517	1.23
722.291	4	Q6ZN32,01554	K.FNFSK.L.FNFS[166.9984] 2	-1.164	0.047	0.001	0	13.91	13	18		152	1.82
1010.528	3	Q6ZRK6	K.LLLKNSDK.N.LLLKNS[166.99 2	-1.081	0.035	8.00E-04	1	22.73	21	23	1	1079	0.84
2418.034	21	Q6ZRS2	R.DEEQSEADAC.DEEQSEADAGS 3	0.028	0.029	0.006	0	22.61	20	23	6	3230	2.38
1456.658	8	Q6ZRV2	K.VPVPVPGSG.VPVPVPGS[166 2	-0.585	0.013	0.002	0	24.7	18	195	12	1179	1
1400.657	11	Q6ZRV2	R.RGSPPTGFIE.RGS[166.9984] 2	-0.179	0.004	0.002	1	29.76	19	195	12	1179	1.31
1899.844	13	Q6ZRV2	R.RLSLQGGDST.RLS[166.9984]L 2	2.642	2.40E-07	0.001	1	73.22	20	195	12	1179	0.76
1270.63	8	Q6ZRV2	R.RGSPVPPVPE.RGS[166.9984] 2	1.044	2.90E-04	0.002	1	39.99	17	195	12	1179	1.22
1300.641	5	Q6ZRV2	R.RSSPVPVPE.RSS[166.9984]F 2	-0.936	0.029	0.002	1	21.19	18	195	12	1179	1.45
1174.514	4	Q6ZRV2	R.LDYVPSSASR.LDYVPSSAS[16 2	-0.551	0.01	7.00E-04	0	26.04	19	195	12	1179	0.62
1288.547	16	Q6ZRV2	R.HGSDPAFAPK.HGS[166.9984] 2	0.151	0.002	0.001	0	30.06	16	176	12	1179	1.07
1214.557	7	Q6ZRV2	R.KGSPPTGFSTI.KGS[166.9984] 2	-0.746	0.019	0.002	1	23.09	18	195	12	1179	1.29
1086.462	6	Q6ZRV2	K.GSPTPGFSTR.GS[166.9984]P 2	-0.998	0.034	0.001	0	20.6	18	156	11	1179	1.13
1174.514	4	Q6ZRV2	R.LDYVPSSASR.LDYVPSS[166.9 2	-1.229	0.049	7.00E-04	0	19.24	19	164	12	1179	0.62
1400.657													



1798.826	10	Q76L83	R.KSSLTQEAPK KSS[166.9984]L	2	0.959	3.40E-04	0.001	1	41.14	19	41	5	1435	0.7
1215.613	7	Q7K2I7	K.VPASPPLGLEF VPA5[166.9984]2	0.724	6.50E-04	0.001	0	38.79	19	39	2	788	1.08	
2052.888	15	Q7K2I7	R.GRNSATSAID GRNS[166.9984]3	0.073	0.028	0.002	1	21.09	18	26	2	788	0.98	
1604.512	15	Q7L1Q6	K.NAAEESEEA NAEFE5[166.99]2	1.64	6.40E-05	0.002	0	41.95	13	42	1	419	1.44	
1610.604	10	Q7L2E3	R.GSSFEMTDDI GSS[166.9984]1	2.219	2.00E-05	0.003	0	49.58	15	50	1	1194	1.61	
1610.604	7	Q7L2E3	R.GSSFEMTDDI S[166.9984]SI	2	-0.94	0.028	0.003	0	18.18	15	18	1	1194	1.61
1946.835	18	Q7L2I0	R.ESPGAATSS ES[166.9984]PC	2	-0.626	0.014	0.003	0	23.29	17	30	3	689	1.61
1351.582	9	Q7L2I0	R.CAPSAGSPAAC[160.0307]AP	2	0.091	0.002	0.002	0	31.44	18	62	3	689	1.84
1328.672	4	Q7L311	K.KATPGAHTGJ KAT[181.014]P	3	-0.184	0.045	-5.00E-04	1	18.51	18	19	1	632	-0.38
1850.78	6	Q7L4E1	R.NPETASEPLSI NPETASEPLS[16	2	0.069	0.003	-7.00E-04	0	31.24	18	31	1	593	-0.4
1197.515	5	Q7L4I2	K.EQSEVSVSPR EQSEVSVS[166.2	2	-0.35	0.007	0.003	0	26.05	17	38	2	434	2.33
1882.879	16	Q7L5N7	K.QEVTTPSTASI EQVTTPSTASNI	2	0.526	0.001	0.002	1	34.81	17	35	2	544	0.98
1348.589	8	Q7L7X3	R.ASDPQSPPOQ ASDPQS[166.99]2	-0.424	0.009	0.002	0	26.31	18	26	1	1001	1.5	
3772.719	16	Q7L8I4	R.ETPQGELRPE ET[181.014]PQ	4	-0.199	0.045	0.002	1	18.61	18	19	1	393	0.58
3772.719	17	Q7L8I4	R.ETPQGELRPE ETPQGELRPEV4	4	-0.055	0.032	0.002	1	20.06	18	20	1	393	0.58
1591.784	5	Q7RTP6	K.DRLGSLAVD DRLGS[166.998]3	0.557	0.009	0.001	1	25.89	18	53	4	2002	0.8	
1320.656	9	Q7RTP6	R.LGSLAVDEA LGS[166.9984]2	1.443	1.10E-04	0.002	0	44.98	18	53	4	2002	1.91	
1571.579	7	Q7Z2X8	R.SPSGAGEGA SPS[166.9984]C	2	-0.664	0.013	0.004	0	20.91	15	21	4	1008	2.49
1571.579	9	Q7Z2X8	R.SPSGAGEGA S[166.9984]P5C	2	0.886	3.80E-04	0.004	0	36.39	15	36	3	1008	2.49
2897.211	11	Q7Z2T5	K.YSTPTTYGGQ YSTPTTYGGQSI	3	1.291	0.001	2.00E-04	0	33.14	16	21	2	733	0.07
2897.211	12	Q7Z2T5	K.YSTPTTYGGQ YSTPTTYGGQSI	3	0.222	0.02	2.00E-04	0	20.56	16	21	2	733	0.07
2897.211	13	Q7Z2T5	K.YSTPTTYGGQ YSTPTTYGGQSI	3	0.164	0.023	2.00E-04	0	19.98	16	20	2	733	0.07
1481.652	8	Q7Z2W4	R.ASLEDAVDD AS[166.9984]L2	2	2.172	1.40E-05	0.003	0	55.39	19	55	4	902	1.8
1452.608	11	Q7Z2Z1	K.IECPSPGELDC IEC[160.0307]P	2	-1.182	0.046	0.001	0	18.73	18	41	6	1910	0.75
1196.567	4	Q7Z2Z1	K.SIAEVSQNL R S[166.9984]AE	2	-0.815	0.022	0.002	0	23.4	19	41	6	1910	1.29
1821.779	16	Q7Z2Z1	R.SSDPGDQIV SDDPGDQIVV6	2	0.371	0.001	0.003	0	33.26	17	41	6	1910	1.54
1712.737	8	Q7Z2Z1	R.SVSGSPSDEI SVS[166.998]2	-0.882	0.026	0.002	0	21.73	18	36	5	1910	1.2	
2837.229	19	Q7Z2Z1	R.SIVSQPDAS SIVC[160.030]C	2	0.158	0.022	0.003	0	20.93	17	58	5	1910	0.9
1712.737	14	Q7Z2Z1	R.SVSGSPSDEI SVS[166.99]2	-0.121	0.004	0.002	0	29.32	18	58	5	1910	1.2	
1401.605	7	Q7Z2Z1	K.LHPDGSPOVA LHPDGS[166.99]2	-0.807	0.022	0.003	0	22.46	18	58	5	1910	2.43	
1800.808	11	Q7Z309	R.RIDFTVPSPAF RIDFTVPS[166.1	2	0.144	0.002	0.002	1	33.99	20	31	3	247	1.26
1644.707	10	Q7Z309	R.IDFTVPSPAF IDFTVPS[166.99]2	0.119	0.002	0.002	0	32.72	19	56	3	247	1.5	
1479.613	8	Q7Z309	R.HSLEGLDMH HS[166.9984]L2	2	-1.075	0.036	0.002	0	19.79	18	55	4	247	1.19
1800.808	7	Q7Z309	K.RIDFTVPSPAF RIDFTVPS[166.1	2	-1.175	0.046	0.002	1	20.8	20	21	2	247	1.26
1689.665	10	Q7Z333	K.DMHCLAEASF DMHC[160.030]2	-0.229	0.005	0.001	0	26.24	16	26	6	2677	0.82	
1689.665	13	Q7Z333	K.DMHCLAEASF DMHC[160.030]2	0.089	0.002	0.001	0	29.42	16	30	4	2677	0.82	
1814.868	8	Q7Z340	K.DILPAAEHQT DILPAAEHQTT5	2	-1.108	0.036	6.00E-04	0	20.46	19	20	2	670	0.33
1498.678	6	Q7Z3B3	R.LSPGDTSSSNI LS[166.9984]PC	2	-0.766	0.02	0.003	0	22.87	18	40	3	1105	1.74
2522.065	9	Q7Z3B3	R.TFPLAHSPOA TFPLAHS[166.9]3	1.291	0.002	0.002	0	33.39	18	44	3	1105	0.98	
2522.065	10	Q7Z3B3	R.TFPLAHSPOA T[181.014]PLF	3	1.317	9.80E-05	0.002	0	45.58	18	46	1	1105	0.98
2014.762	14	Q7Z3C6	R.RESDGEGESA RES[166.9984]J	2	5.024	1.40E-05	0.003	1	51.72	16	52	2	839	1.47
2002.937	14	Q7Z3K3	K.SLSDSEPVSPA SLSDSEPVSPA	3	-0.049	0.035	0.004	0	19.87	18	20	2	1410	1.82
1847.915	11	Q7Z3T8	R.NEIQSPISQVI NEIQS[166.99]2	2	-0.468	0.009	0.003	0	24.87	17	25	3	1539	1.46
1967.861	9	Q7Z401	K.SDNETNLQXQ S[166.9984]DN	2	-0.415	0.009	0.003	0	25.4	17	25	2	1863	1.73
1587.653	5	Q7Z401	R.RGDTSTEDIQ RGDTS[166.99]2	2	-0.758	0.016	0.003	1	21.97	17	22	4	1863	1.65
3391.412	15	Q7Z406	R.LEEGVASDEE LEEGVASDEEA	3	0.732	0.007	0.002	0	27.67	18	28	3	1995	0.64
3391.412	20	Q7Z406	R.LEEGVASDEE LEEGVAS[166.9]3	1.101	4.20E-05	0.002	0	49.69	18	50	4	1995	0.64	
3471.378	21	Q7Z406	R.LEEGVASDEE LEEGVAS[166.9]3	0.072	0.03	0.004	0	20.05	17	61	3	1995	1.25	
1483.642	9	Q7Z417	K.NLSSDEATNP NLS[166.9984]2	2.159	4.60E-06	0.002	0	59.53	19	183	4	695	1.48	
1276.499	8	Q7Z417	R.NDSWGSFDLI NDS[166.9984]2	0.798	4.60E-04	0.002	0	36.53	16	183	4	695	1.88	
1722.649	13	Q7Z417	K.GADNDGSGS GADNDGSG[166]2	2.159	4.00E-06	0.002	0	57.05	16	183	4	695	1.31	
2445.202	12	Q7Z422	R.ILGSAPEEEC ILGSA[166.99]3	1.076	0.003	0.002	0	29.08	16	47	2	152	0.84	
3477.552	18	Q7Z434	K.EPSYMPMPQV EPSPYMPMPQVET	3	0.176	0.021	0.003	0	23.1	19	23	1	540	0.97
1827.798	20	Q7Z460	R.RQSSGSATNR RQS[166.9984]2	-0.608	0.012	0.003	1	26.47	20	117	6	1538	1.59	
1827.798	14	Q7Z460	R.RQSSGSATNR RQSSGS[166.99]3	-0.105	0.038	0.003	1	21.29	20	163	7	1538	1.65	
1484.674	13	Q7Z460	R.SRSDIDVNA SRS[166.9984]C	2	2.159	1.50E-06	0.003	1	61.23	16	117	6	1538	1.79
1657.718	7	Q7Z460	K.NSSNTSVGSP NSSNTSVGSPS[2	2.159	1.60E-05	0.002	0	52.8	17	117	6	1538	0.89	
1827.798	16	Q7Z460	R.RQSSGSATNR RQS[166.9984]3	0.241	0.017	0.003	1	24.73	20	117	6	1538	1.65	
1252.546	6	Q7Z460	R.SQEDLNEPK S[166.9984]QEI	2	-0.943	0.025	0.001	0	21.12	18	163	7	1538	0.92
1657.718	11	Q7Z460	K.NSSNTSVGSP NSSNTSVGSP[16	2	1.837	4.90E-05	0.002	0	47.9	17	204	8	1538	0.89
1827.798	14	Q7Z460	R.RQSSGSATNR RQSSGSAT[181]3	0.349	0.013	0.003	1	25.83	20	166	6	1538	1.65	
1907.764	13	Q7Z460	R.RQSSGSATNR RQS[166.9984]2	0.691	5.90E-04	0.001	1	38.45	19	188	7	1538	0.73	
1907.764	11	Q7Z460	R.RQSSGSATNR RQS[166.9984]2	0.745	5.20E-04	0.001	1	38.98	19	204	8	1538	0.73	
1671.697	6	Q7Z460	R.QSSGSATNR QSSGS[166.99]2	-0.105	0.004	0.002	0	29.53	18	158	6	1538	1.5	
1265.614	7	Q7Z4H7	R.TPENLITEIR S T[181.014]PEN	2	2.159	1.90E-05	0.002	0	52.82	18	53	4	955	1.28
1410.651	9	Q7Z4H7	R.AVLSDSPQLSI AVLSDS[166.99]2	0.248	0.002	0.002	0	33.01	18	75	4	955	1.28	
1203.613	6	Q7Z456	K.KIPEPSPVTR F KIPEPSPVTR[181]2	-0.585	0.012	0.001	1	24.68	18	51	2	1674	1.09	
2502.099	13	Q7Z456	R.KLSSSDAPAQ KLS[166.9984]5	1.291	1.60E-05	0.003	1	54.91	19	62	2	1674	1.23	
2502.099	14	Q7Z456	R.KLSSSDAPAQ KLS[166.9984]3	1.127	2.50E-04	0.003	1	42.94	19	42	3	1674	1.23	
2502.099	13	Q7Z456	R.KLSSSDAPAQ KLS[166.9984]3	1.317	1.50E-04	0.003	1	45.05	19	110	3	1674	1.23	
1203.613	7	Q7Z456	K.KIPEPSPVTR F KIPEPSPVTR[166.99]2	-0.889	0.025	0.001	1	21.65	18	56	5	1674	1.09	
1594.693	11	Q7Z4V5	K.ADSGAKPEF ADS[166.9984]3	1.291	6.40E-04	0.002	0	37.76	18	57	7	671	1.09	
1358.511	7	Q7Z4V5	R.ARGDSEALDE ARGDS[166.99]2	-0.557	0.011	0.002	1	20.98	14	57	7	671	1.38	
1806.777	10	Q7Z4V5	R.EGPDLDPRGS EGPDLDRPGS[1]3	0.472	0.012	5.00E-04	1	25.07	18	68	4	671	0.26	
1368.55	8	Q7Z569	K.ECINAAPDSP EC[160.0307]I	2	-0.931	0.025	0.003	0	18.24	15	18	1	592	2.27
1368.55	7	Q7Z569	K.ECINAAPDSP EC[160.0307]I	2	0.208	0.002	0.003	0	29.66	15	50	1	592	2.27
1285.604	7	Q7Z589	R.TNSSSSPVVL TNS[166.9984]2	-1.17	0.043	0.001	0	18.88	18	19	1	1322	0.99	
1499.654	10	Q7Z5K2	K.RPESPEISPIK RPES[166.9984]2	-0.594	0.012	0.002	0	24.61	18	25	1	1190	1.59	
1419.688	6	Q7Z5K2	K.RPESPEISPIK RPES[166.9984]2	-0.896	0.027	0.002	0	21.59	18	22	1	1190	1.06	
1683.81	8	Q7Z5L9	K.RKPSPEPEGEV RKPSP[166.9984]2	0.998	3.00E-04	0.001	1	40.53	18	81	5	587	0.8	
1527.709	14	Q7Z5L9	R.KPSPEPEGEV KPS[166.9984]2	-0.266	0.005	0.003	0	28.89	19	81	5	587	2.2	
1582.631	8	Q7Z5L9	R.NSNSPPSPSSI NSNSPPS[166.9]2	0.907	3.70E-04	4.00E-04	0	38.62	17	81	5	587	0.24	
1818.699	10	Q7Z5L9	R.RNSNSPPSPSSI RNS[166.9984]2	-1.041	0.031	7.00E-04	1	18.14	16	81	5	587	0.41	
1790.818	17	Q7Z5L9	K.RPASVSSAA RPA5VSS[166.9]3	0.486	0.01	0.002	0	25.18	18	81	5	587	1.13	
1790.818	12	Q7Z5L9	K.RPASVSSAA RPA5VSS[166.99]3	0.605	0.008	0.002	0	26.41	18	100	5</			

1846.833	10	Q7Z6Z7	R.AGSSTPGDAF AGSS[166.9984	2	-0.335	0.007	3.00E-04	0	27.18	18	167	11	4374	0.16
1551.552	8	Q7Z6Z7	R.DLSMSEEDQJ DLS[166.9984]	2	-0.297	0.007	0.003	0	24.56	15	167	11	4374	1.69
3367.427	16	Q7Z6Z7	R.REESPMVDV REES[166.9984	3	0.378	0.014	0.003	1	24.14	18	167	11	4374	0.99
1669.732	7	Q7Z6Z7	K.GNDTPLALES GNDT[181.014	2	-0.677	0.014	0.004	0	24.76	19	167	11	4374	2.08
1227.471	8	Q7Z6Z7	R.AESPEEVACR AES[166.9984]	2	-1.046	0.033	-4.00E-04	0	19.07	17	170	11	4374	-0.34
3447.393	18	Q7Z6Z7	R.REESPMVDV REESPMVDVQF	3	-0.086	0.036	0.004	1	19.47	18	106	9	4374	1.1
973.435	7	Q8B5Q0	K.SSISISGR.D S[166.9984]SIS	2	-0.96	0.03	0.001	0	21.98	19	22	2	1253	1.24
1583.685	7	Q8B5Q0	K.SHDNVYSLG S[166.9984]HD	3	0.689	0.007	0.002	0	27.23	18	32	3	1253	1.1
1357.625	7	Q8B5Q0	R.LSTGTTVEDV LS[166.9984]TC	2	0.18	0.002	1.00E-04	0	32.34	18	60	5	1253	0.09
1583.685	7	Q8B5Q0	K.SHDNVYSLG SHDNVY[243.0	3	0.986	0.004	0.002	0	30.18	18	30	3	1253	1.1
1099.449	6	Q8B5Q0	R.SGAASMPSSF SGAASMPSS[1	2	0.671	6.60E-04	0.001	0	36.25	17	60	5	1253	1.25
1290.645	7	Q8B7B9	R.STSPIGSPVVI STS[166.9984]	2	-0.313	0.006	0.002	0	27.42	18	27	1	770	1.13
1645.778	7	Q8B7G7	K.QSEENNNLQZ QSEENNNLQSQ	2	1.082	2.40E-04	0.002	0	41.37	18	41	3	708	1.16
1803.827	12	Q8B6U6	K.SPVPREPVDNL S[166.9984]PVI	2	-1.102	0.04	0.002	1	20.53	19	37	2	439	1.02
1282.583	10	Q8B6U4	R.NPEAALSPTFI NPEAALS[166.5	2	0.155	0.002	0.002	0	32.1	18	32	2	580	1.24
2351.015	12	Q8B6U4	K.DHTTSPQELAL DHT[181.014]P	3	0.139	0.025	0.003	0	21.75	18	29	2	580	1.1
1954.727	7	Q8B6U0	K.MSGGSTMSS MSGGS[166.99	2	0.278	0.002	0.004	0	31.33	16	31	1	411	1.87
1954.727	6	Q8B6U0	K.MSGGSTMSS MSGGS[181.0	2	-0.992	0.029	0.004	0	18.63	16	19	1	411	1.87
1954.727	12	Q8B6U0	K.MSGGSTMSS MS[166.9984]C	2	-0.341	0.007	0.004	0	25.12	16	25	2	411	1.87
1419.663	13	Q8B6U0	R.LPGSGAVQAJ LPGSGAVQAAS	2	-0.942	0.03	0.003	0	22.11	19	22	1	279	2.07
2259.941	11	Q8B6U0	R.SPEQLCAPAE S[166.9984]PE	2	0.066	0.003	0.001	0	32.19	19	32	2	394	0.5
1228.546	8	Q8B6E4	K.LSSQISAGEEK LSSQS[166.99	2	0.017	0.003	0.002	0	29.72	17	125	6	582	1.34
1895.791	12	Q8B6E4	K.SQEPDPDQK SQEPDPDQKVS	2	-0.838	0.022	0.005	1	22.17	18	130	4	582	2.63
1793.767	10	Q8B6E4	K.QGEDNSTAQ QGEDNSTAQD	2	2.159	4.90E-06	3.00E-04	0	58.6	18	58	6	582	0.14
1183.514	6	Q8B6E4	K.WNSVSPASAI WNSVSPAS[16	2	-0.431	0.008	0.002	0	26.24	18	125	6	582	1.94
1183.514	6	Q8B6E4	K.WNSVSPASAI WNSVSPAS[16	2	-0.591	0.012	0.002	0	24.62	18	109	7	582	1.94
1439.703	15	Q8B6E4	K.TISTSDPAEVL TIS[166.9984]	2	-0.746	0.018	0.003	0	24.07	19	85	5	582	2.08
2345.987	10	Q8B6P2	K.AAGDPTVIEN AAGDPTVIENS	2	2.119	5.50E-07	0.001	0	67.91	18	98	3	1357	0.51
1990.85	18	Q8B6P2	K.EIQNGNLHES EIQNGNLHES	2	1.311	1.60E-04	0.002	0	43.66	18	95	3	1357	0.82
1143.468	9	Q8B6U0	R.SVSVDSGEOR S[166.9984]VS	2	-1.103	0.037	0.002	0	18.52	17	22	3	1499	1.43
1921.818	15	Q8B6U0	R.GPGDLMGPC GPGDLMGPOG	2	-0.969	0.032	0.003	0	20.86	18	22	3	1499	1.38
2223.046	13	Q8B6U0	K.SPTLSQVHSPJ S[166.9984]PTL	3	-0.179	0.049	0.004	0	18.56	18	20	3	1499	1.67
1187.546	6	Q8B6U0	R.EAPGSPPLSP EAPGS[166.99	2	-0.995	0.029	0.002	0	23.58	21	45	6	1499	1.34
1325.61	5	Q8B6U0	K.ANIQSPSNSSI ANIQS[166.99	2	-0.82	0.022	0.002	0	23.33	19	45	6	1499	1.4
1047.451	7	Q8B6U1	R.TFSDGLATRA TRS[166.9984]	2	-0.363	0.007	5.00E-04	0	27.92	19	29	3	1377	0.51
1837.824	13	Q8B6U1	R.TRSPSPTLGEI TRS[166.9984]	3	-0.078	0.04	0.002	1	20.54	19	29	3	1377	1.09
1837.824	11	Q8B6U1	R.TRSPSPTLGEI TRS[166.9984]	3	0.064	0.029	0.002	1	21.99	19	27	3	1377	1.09
1837.824	11	Q8B6U1	R.TRSPSPTLGEI TRS[166.9984]	3	-0.104	0.042	0.002	1	20.32	19	32	4	1377	1.09
1104.509	5	Q8B6U1	R.TLQPPESPR.L TLQPPES[166.9	2	-0.909	0.023	1.00E-04	0	21.49	18	32	4	1377	0.09
1030.406	5	Q8B6U1	R.LWESMER.S LWES[166.9984]	2	-0.335	0.007	0.001	0	23.18	14	48	4	1377	1.05
1475.605	8	Q8B6V8	R.SSTDFSELEQ SS[166.9984]TT	2	0.343	0.001	0.002	0	32.98	17	93	7	1076	1.24
1526.627	6	Q8B6V8	K.SHSAPSEVGH S[166.9984]J	2	-0.513	0.011	-0.002	0	23.42	16	93	7	1076	-1.13
1694.762	10	Q8B6V8	K.NNDLQDNLYL NNDLQDNLYLSE	2	1.594	7.70E-05	0.002	0	47.49	19	56	5	1076	1.13
1475.605	10	Q8B6V8	R.SSTDFSELEQ S[166.9984]TT	2	0.096	0.002	0.002	0	30.5	17	114	6	1076	1.24
1898.853	13	Q8B6V8	K.AQTGPLRSLI AQTGPLRSL[166	2	-0.275	0.006	0.005	1	26.8	17	27	1	176	2.78
2464.937	13	Q8B6V9	R.GPSQEEEDNH GPSQEEEDNHS	3	1.291	0.001	0.004	1	33.22	16	159	8	953	1.59
2059.707	12	Q8B6V9	R.GPTSSPCEEI GPTSS[166.99	2	2.159	6.90E-07	0.002	0	62.61	13	159	8	953	0.82
981.477	8	Q8B6V9	K.LGVSVSPSA LGVSVS[166.99	2	2.159	1.80E-05	3.00E-04	0	54.51	20	159	8	953	0.32
2745.112	19	Q8B6V9	R.DSGSDQDLX DSGSDQDLXG	3	1.291	8.70E-04	0.003	1	36.7	19	159	8	953	1.02
1372.526	10	Q8B6V9	R.ASDLEESA AS[166.9984]D	2	0.286	0.002	0.002	0	30.41	15	159	8	953	1.56
1516.664	19	Q8B6V9	R.TSDLRDEASS TSDLRDEASS[1	3	0.199	0.02	7.00E-04	1	22.33	18	137	9	953	0.47
2631.999	12	Q8B6V9	R.GPTSSPCEEI GPTSS[166.99	2	-0.036	0.034	0.003	1	16.99	15	134	9	953	1.09
2059.707	11	Q8B6V9	R.GPTSSPCEEI GPTSS[166.99	2	2.197	7.90E-06	0.002	0	51.99	13	134	9	953	0.82
1516.664	13	Q8B6V9	R.TSDLRDEASS TSDLRDEASSVT	3	0.547	0.009	7.00E-04	1	25.82	18	134	9	953	0.47
1586.633	10	Q8B6V9	K.SQDODSEVNI S[166.9984]OD	2	2.127	8.70E-06	0.002	0	54.41	16	211	11	953	1.02
2654.089	7	Q8B6V2	R.GQPLTEGSE GQPLTEGSEDI	3	0.57	0.009	0.003	0	24.05	16	24	1	466	1.14
2654.089	10	Q8B6V2	R.GQPLTEGSE GQPLTEGSEDI	3	0.409	0.014	0.003	0	22.43	16	22	2	466	1.14
900.39	4	Q8B6W4	K.SLCEALK.H S[166.9984]LC	2	-0.738	0.018	-0.003	0	22.15	17	22	3	1093	-2.91
1572.64	7	Q8B6V5	R.QESCLGNSEP QES[166.9984]	2	-0.428	0.008	0.001	0	25.25	17	25	2	976	0.9
2039.794	8	Q8B6V9	R.SQSTTFNPDQ SQS[166.9984]	2	0.087	0.003	0.001	0	29.42	16	29	1	1011	0.5
2039.794	12	Q8B6V9	R.SQSTTFNPDQ S[166.9984]QS	2	2.274	3.40E-07	0.001	0	68.64	16	69	1	1011	0.5
2431.98	8	Q8B6W0	R.SWDSSSPVDF SWDSS[166.99	3	0.085	0.024	0.002	0	22.17	19	93	9	502	0.87
2352.014	8	Q8B6W0	R.SWDSSSPVDF SWDSSSPVDRP	3	1.197	0.002	0.002	0	33.29	19	93	9	502	0.91
1243.656	6	Q8B6W0	R.LPLVPESPRR.L LPLVPES[166.9	3	0.305	0.017	0.001	1	19.37	14	93	9	502	0.87
2352.014	17	Q8B6W0	R.SWDSSSPVDF SWDSSSPVDRP	3	-0.077	0.038	0.002	0	20.58	19	54	5	502	0.91
1661.669	9	Q8B6W0	R.SODATTFSPG SODATTF[166.5	2	2.127	5.60E-06	0.003	0	56.67	17	60	8	502	1.97
1880.846	8	Q8B6W0	R.SMGTGDTPG SMGTGDTPLG	2	-1.135	0.039	0.003	0	19.18	18	56	9	502	1.61
1998.673	7	Q8B6W0	K.VENMSSNQD VENMSSNQDG	2	0.169	0.002	9.00E-04	0	29.24	15	29	1	208	0.46
1477.657	8	Q8B6W7	R.SRSFTLDESL SRS[166.9984]	2	2.159	1.80E-05	0.002	1	53.46	19	53	4	435	1.42
1234.524	7	Q8B6W7	R.SFTLDESLK S[166.9984]FTL	2	-0.093	0.004	0.001	0	31.62	20	69	4	435	1.15
1166.535	7	Q8B6W7	R.APSPVPEHPR APS[166.9984]	2	-1.126	0.046	0.002	0	21.27	20	50	4	435	1.73
2054.944	16	Q8B6X29	R.GPALTPIRDEI GPALTPIRDEEV	3	0.947	0.003	0.003	1	30.79	19	121	6	649	1.53
1997.87	11	Q8B6X29	R.SVDALDILT S[166.9984]VD	2	1.329	1.60E-04	9.00E-04	0	42.84	17	111	5	649	0.43
2225.008	15	Q8B6X29	R.ARSVDALDIL ARS[166.9984]	2	2.159	7.20E-08	0.002	1	77.45	19	121	6	649	0.92
1564.591	6	Q8B6X29	R.SRDLDYQDI S[166.9984]RDI	2	-1.172	0.043	0.002	1	15.83	15	111	8	649	1.58
1755.704	7	Q8B6X29	R.AMSEVLSHE AMSEVTS[166.1	2	1.82	4.60E-05	0.002	0	47.74	17	136	6	649	0.98
2134.911	13	Q8B6X29	R.GPALTPIRDEI GPALT[181.014	3	-0.184	0.045	0.003	1	21.91	19	147	8	649	1.32
753.365	4	Q8B6X29,Q8Z58	K.NLALSR.E NLALS[166.998	2	-1.063	0.036	0.001	0	19.59	20	135	20	135	1.67
2510.02	11	Q8B6X3	R.AROEGGADA AROEGGADAS	3	-0.062	0.042	0.005	1	18.73	17	19	1	443	1.87
2990.283	19	Q8B6X5	R.NLITANDPSQI NLITANDPSQEY	3	0.457	0.011	0.001	0	25.93	19	26	1	450	0.33
2144.006	21	Q8B6Y1	K.LQVYEGGGQ LQVYEGGGQPP	3	-0.142	0.041	0.004	0	19.9	19	34	3	864	1.64
1832.854	8	Q8B6Y1	R.RGSLPDTQPS RGS[166.9984]	2	-0.8	0.02	0.001	1	22.54	18	23	1	864	0.75
2350.048	16	Q8B6Y4	R.RPPSPDVILS RPPS[166.9984	3	1.291	7.20E-04	0.005	0	36.93	18	37	2	633	2.27
2869.082	10	Q8B6Y5	R.CSPSGDSEGC C[160.0307]SP	3	0.856	0.005	0.005	0	27.9	17	84	3	1402	1.85
1210.518	11													

2547.035	15	Q8IVH2	R.RDSSSHEETPR RDS[166.9984]: 4	-0.027	0.03	0.004	1	20.3	18	20	3	680	1.4
2547.035	10	Q8IVH2	R.RDSSSHEETPR RDS[166.9984]	0.117	0.019	0.004	1	22.41	18	29	3	680	1.4
1733.705	9	Q8IVL1	K.GISSDNESVA: GISS[166.9984] 2	-0.407	0.008	0.001	0	25.47	17	25	7	2488	0.71
1579.736	10	Q8IVT2	R.ALSSDLSIPAI ALS[166.9984]: 2	2.119	1.40E-07	0.002	0	74.6	19	188	9	679	1.58
1114.478	6	Q8IVT2	K.SOSSOLLER.E SOS[166.9984]: 2	-0.135	0.004	6.00E-04	0	30.2	19	188	9	679	0.56
1579.736	10	Q8IVT2	R.ALSSDLSIPAI ALS[166.9984] 2	-0.468	0.01	0.002	0	25.87	18	172	7	679	1.45
2444.04	11	Q8IVT2	R.NALFPEVFSPI NALFPEVFS[164] 2	2.159	8.40E-06	0.003	0	57	19	172	7	679	1.12
1735.837	6	Q8IVT2	R.RALSSDLSIP RALS[166.9984] 2	1.55	9.50E-05	2.00E-04	1	45.05	17	188	9	679	0.11
1114.478	6	Q8IVT2	K.SOSSOLLER.E S[166.9984]OS: 2	-0.456	0.009	0.001	0	26.99	19	172	7	679	0.91
1818.802	9	Q8IVT2	K.SSTVATLQGT SS[166.9984]T: 2	-1.075	0.034	-7.00E-04	0	18.78	17	141	9	679	-0.39
2444.04	13	Q8IVT2	R.NALFPEVFSPI NALFPEVFSPT: 3	-0.028	0.034	0.002	0	21.07	19	141	9	679	0.91
2444.04	11	Q8IVT2	R.NALFPEVFSPI NALFPEVFSPTP: 3	-0.093	0.039	-9.00E-04	0	20.42	19	250	10	679	-0.36
950.507	7	Q8IVT2	K.LSUTAPR.R LS[166.9984]U: 2	-0.621	0.012	9.00E-04	0	26.32	20	166	9	679	0.91
2135.002	22	Q8IWA0	K.VQDTSNTGLC VQDTS[166.9984] 3	1.393	2.40E-04	0.003	0	41.59	18	42	2	830	1.49
2023.832	7	Q8IWI9	K.GFDNPEENSS GFDNPEENSS[16] 2	-0.704	0.015	0.003	0	22.51	17	30	6	3026	1.54
1476.698	10	Q8IWI9	K.QLAEPASEPD QLAEPAS[166.5] 2	-0.25	0.005	0.002	0	29.03	19	43	6	3026	1.47
2023.832	6	Q8IWI9	K.GFDNPEENSS GFDNPEENSS[1] 2	0.704	5.70E-04	0.003	0	36.57	17	53	5	3026	1.54
1588.748	13	Q8IWI9	K.VVNNANQNAS VVNNANQNAS[1] 2	-0.649	0.016	-0.002	0	24.04	18	50	7	3026	-1
2857.124	26	Q8IWS0	K.TAHNSEADLE TAHNS[166.9984] 3	0.034	0.031	0.002	0	19.69	17	20	1	365	0.61
1252.604	9	Q8IWT6	K.SRIEQGIVDR.S[166.9984]RIE 2	-1.093	0.035	0.001	1	20.61	19	21	3	810	1.1
2041.744	7	Q8IWW6	K.TSFQEQSCD TSFQEQSC[16] 2	0.191	0.002	0.002	0	29.46	15	29	2	846	0.84
2556.153	18	Q8IWW6	R.ATTPPNQGR IATT[181.014]PI: 3	0.184	0.023	0.003	0	22.21	18	25	3	846	1.3
1747.783	13	Q8IWX8	R.ARSPDLGPE ARS[166.9984]: 3	-0.043	0.038	0.001	1	19.89	18	20	2	852	0.7
1650.762	6	Q8IWX8	R.DVDASPSPLS DVDAS[166.9984] 2	0.089	0.003	0.002	0	32.44	19	50	2	645	1.44
1650.762	9	Q8IWX8	R.DVDASPSPLS DVDASPS[166.5] 2	2	2.80E-05	0.004	0	51.55	19	52	2	645	2.11
1176.537	7	Q8IX01	R.KMSFDIIDK.S KMS[166.9984] 2	-0.875	0.023	0.001	1	20.78	17	21	3	1082	1.09
1328.588	8	Q8IX90	R.SPQLSDFLEI S[166.9984]PQ: 2	0.582	8.40E-04	0.002	0	36.37	18	36	1	412	1.5
2769.146	18	Q8IX90	K.NSVHEQEAIN NSVHEQEAIN[3] 3	-0.046	0.039	0.001	0	18.9	17	36	2	412	0.52
2787.17	8	Q8IXK0	K.LPQQDHTTTT LPQQDHTTTT[1] 3	1.263	0.002	0.002	0	32.95	18	33	1	858	0.73
2787.17	9	Q8IXK0	K.LPQQDHTTTT LPQQDHTTTT[2] 3	1.127	7.40E-04	0.002	0	36.9	18	37	2	858	0.73
2787.17	9	Q8IXK0	K.LPQQDHTTTT LPQQDHTTTT[3] 3	1.205	3.70E-05	0.002	0	49.86	18	50	1	858	0.73
2787.17	12	Q8IXK0	K.LPQQDHTTTT LPQQDHTTTT[181.1] 3	1.101	2.10E-04	0.002	0	42.44	18	42	1	858	0.73
1809.867	10	Q8IXM2	K.VYEDSGIPLPA VYEDSGIPLPAE 3	1.253	0.002	9.00E-04	1	32.85	18	39	3	172	0.5
1681.772	9	Q8IXM2	K.VYEDSGIPLPA VYEDSGIPLPAE 2	-1.066	0.035	0.002	0	20.89	19	27	2	172	1.41
1541.655	10	Q8IXQ3	K.IDAGTMAEPS IDAGTMAEPSA 2	2.159	9.80E-06	0.002	0	55.77	18	56	1	194	0.98
2093.791	11	Q8IXT5	R.SPQEDFRCP SPQEDFRCP[16] 3	0.152	0.022	0.002	1	20.88	17	34	6	1001	0.99
1855.78	8	Q8IXT5	R.FPPEDFRHSPI FPPDFRHS[16] 3	0.137	0.022	0.002	1	21.7	18	21	6	1001	1.06
1389.652	7	Q8IXZ2	K.DHASQLSPVL DHASQLS[166.5] 2	-1.099	0.043	6.00E-04	0	19.56	18	20	2	948	0.43
2541.012	9	Q8IY57	K.SPASSAASAI S[166.9984]PP: 3	-0.089	0.045	0.004	0	18.43	17	18	1	180	1.65
1903.78	8	Q8IY81	K.GTEASSGTEA GTEASS[166.9984] 2	2.119	4.60E-06	7.00E-04	0	58.28	17	94	3	847	0.36
1826.773	8	Q8IY81	K.SDDDGFEIVPI S[166.9984]DD 2	2.159	4.20E-07	0.003	0	69.16	18	119	4	847	1.66
1903.78	12	Q8IY81	K.GTEASSGTEA GTEAS[166.9984] 2	1.725	6.50E-05	7.00E-04	0	46.78	17	65	2	847	0.36
1093.527	5	Q8IY81	R.DLIDNSFN.R Y DLIDNSFN.R 2	-0.853	0.023	0.001	0	22	18	92	3	847	1.14
1476.692	6	Q8IY81	K.QQLPQTPPSC QQLPQT[181.0] 2	-0.919	0.025	0.003	0	22.34	19	92	4	847	1.74
1249.619	5	Q8IY92	R.SPGLLDTTPIR S[166.9984]PG: 2	-0.582	0.011	0.002	0	25.73	19	26	1	1834	1.53
1159.454	7	Q8IYB3	K.AASPSPQSVR AAS[166.9984] 2	0.568	9.10E-04	0.002	0	35.23	17	246	27	904	2.14
1188.485	5	Q8IYB3	R.RYSPSPPP.R RYS[166.9984]: 2	-0.587	0.013	0.001	1	21.68	15	246	27	904	1.19
1096.53	3	Q8IYB3	R.RYSPPIQR.R RYS[166.9984]: 2	-1.13	0.042	0.001	1	19.25	18	273	26	904	1.1
1944.796	13	Q8IYB3	K.KETESAEDN KETES[166.9984] 3	1.291	0.002	0.002	1	33.41	18	246	27	904	0.87
1433.692	7	Q8IYB3	K.EKTEPEPEPSV EKT[181.014]PI: 2	-0.908	0.023	0.002	1	21.47	18	246	27	904	1.38
1944.796	10	Q8IYB3	K.KETESAEDN KET[181.014]E: 2	2.119	2.60E-07	0.002	1	71.26	18	273	26	904	0.87
1441.639	5	Q8IYB3	R.HRSPAPATPP HRS[166.9984] 2	-1.057	0.039	0.003	0	18.98	17	246	27	904	2.17
2743.289	20	Q8IYB3	K.KPPAPSPVQ KPPAPPS[166.9] 3	-0.056	0.041	0.002	0	18.76	17	246	27	904	0.54
1816.701	8	Q8IYB3	K.KETESAEDN KETES[166.9984] 2	1.775	5.00E-05	0.002	0	47.3	17	246	27	904	1.07
2743.289	8	Q8IYB3	K.KPPAPSPVQ KPPAPPS[166.9] 3	-0.117	0.047	0.002	0	18.18	17	219	27	904	0.54
1383.571	6	Q8IYB3	R.APQTSSPPPI APQTS[166.9984] 2	-0.115	0.005	0.002	0	27.39	16	278	27	904	1.07
1188.485	7	Q8IYB3	R.RYSPSPPP.R RY[243.0297]SI: 2	-0.948	0.029	0.001	1	18.06	15	278	27	904	1.11
1227.528	8	Q8IYB3	R.RLSPASPPR.R RLS[166.9984]F 2	-1.106	0.043	0.002	1	17.47	16	272	26	904	1.92
1176.555	5	Q8IYB3	K.TPELPEPSV.K T[181.014]PELF 2	-0.251	0.005	0.002	0	28.02	18	272	26	904	1.47
1096.53	5	Q8IYB3	R.RYSPPIQR.R RY[243.0297]SI: 3	0.308	0.015	0.001	1	23.43	18	272	26	904	1.01
1244.493	13	Q8IYB3	K.VELSEEDK.VELS[166.9984]: 2	-0.723	0.015	0.001	0	21.35	16	324	29	904	0.93
1227.528	11	Q8IYB3	R.RLSPASPPR.R RLS[166.9984] 3	-0.09	0.039	0.001	1	17.46	16	324	29	904	0.78
1383.571	5	Q8IYB3	R.APQTSSPPPI APQT[181.014] 2	-0.429	0.009	0.002	0	24.24	16	272	26	904	1.07
1977.993	13	Q8IYB3	K.VPKPEPIPEPK VPKPEPIPEPKF: 3	0.215	0.022	0.002	1	21.49	17	266	28	904	1.04
1065.417	6	Q8IYB3	R.SPSPAPPP.R S[166.9984]PS: 2	0.495	9.00E-04	7.00E-04	0	32.48	15	272	26	904	0.68
1177.586	7	Q8IYH5	R.QTEPVSPVLK.QTEPV[166.9984] 2	-0.483	0.01	0.001	0	24.72	17	28	3	903	1.09
1333.688	6	Q8IYH5	R.RQTEPVSPVLK.RQTEPV[166.5] 2	-0.94	0.03	0.001	1	20.15	17	28	3	903	1.03
1599.188	22	Q8IYJ3	K.ASDPEEASQA ASDPEEASQAQ: 4	2.104	2.40E-04	0.011	0	40.61	17	44	2	562	2.13
1259.567	6	Q8IYJ3	R.VPPSPDLPSP VPPS[166.9984] 2	0.1	0.002	7.00E-04	0	32.54	19	58	2	562	0.59
1522.678	6	Q8IZ21	R.SSSPVQEEI SSS[166.9984]F 2	0.955	3.20E-04	0.002	0	41.1	19	41	3	702	1.26
1606.747	8	Q8IZL8	R.GSPDGLSQTG GS[166.9984]PI: 2	-0.685	0.014	0.001	0	24.7	19	30	3	1130	0.72
3840.765	19	Q8IZL8	R.EGESPAAGPF EGES[166.9984] 3	0.411	0.012	0.006	0	23.45	17	30	3	1130	1.64
2870.324	14	Q8IZL8	R.AGSNEDPILA AGSNEDPILAPS 3	0.193	0.02	0.007	0	22.27	18	50	3	1130	2.29
2870.324	10	Q8IZL8	R.AGSNEDPILA AGSNEDPILAPS 3	0.201	0.02	0.007	0	22.37	18	50	3	1130	2.29
1123.53	9	Q8N0T1	R.NVFHIASQK.N VFHIAS[166.9] 2	-0.905	0.024	0.001	0	21.53	18	22	1	100	1.01
2582.06	13	Q8N108	R.VNSNGKESPC VNS[166.9984] 3	0.874	0.004	0.005	1	30.06	19	144	4	512	2.05
3556.494	13	Q8N108	K.DSSGQDETC DSSGQDETC[18] 3	0.95	0.004	0.003	0	30.82	19	144	4	512	0.78
3556.494	14	Q8N108	K.DSSGQDETC DSS[166.9984]C: 3	1.291	2.40E-05	0.006	0	52.71	19	144	4	512	1.71
3556.494	16	Q8N108	K.DSSGQDETC DSSGQDETCOS 3	1.127	8.70E-05	0.003	0	47.24	19	47	2	512	0.75
2582.06	17	Q8N108	R.VNSNGKESPC VNS[166.9984] 3	0.343	0.013	0.005	1	24.78	19	109	2	512	2.05
2582.06	7	Q8N108	R.VNSNGKESPC VNSNGKES[166] 3	0.501	0.009	0.005	1	26.36	19	102	2	512	2.05
2582.06	7	Q8N108	R.VNSNGKESPC VNSNGKESPG5 3	-0.103	0.038	0.005	1	20.33	19	34	3	512	2.05
3556.494	8	Q8N108	K.DSSGQDETC DSSGQDETCOS 3	1.119	0.002	0.006	0	32.55	19	34	3	512	1.71
2194.903	11	Q8N163	R.SVASNOSEMI SVAS[166.9984] 2	2.159	4.50E-08	0.005	0	79.61	19	85	3	923	2.14
2194.903	9	Q8N163	R.SVASNOSEMI S[166.9984]VA: 2	2.119	2.80E-07	0.005	0	71.65	19	114	4	923	2.14
1785.814	12	Q8N163	K.DEAQNEGPA DEAQNEGPATE 2	0.496	9.60E-04	9.00E-04	0	35.51	18	70	3	923	0.51
2194.903	18												

1002.393	6	Q8N459	R.DPYGSLDR.H DPGYS[166.99] 2	-1.026	0.033	6.00E-04	0	18.29	16	18	3	558	0.59
2968.349	19	Q8N556	R.TLENSPISCD TLENSPISCC[16] 3	-0.058	0.041	0.004	0	19.74	18	117	6	730	1.31
2621.068	15	Q8N556	K.EAYSGCGPV EAYSGC[160.0] 3	1.291	1.70E-06	0.003	0	62.83	18	117	6	730	1.18
2573.118	6	Q8N556	K.LSSERPSSDGE LSSERPSS[166.5] 3	0.612	0.008	0.004	0	28.44	20	117	6	730	1.67
2781.18	27	Q8N556	K.LSSERPSSDGE KLS[166.9984]S 3	1.291	6.80E-05	0.002	1	47.89	19	117	6	730	0.72
1329.583	7	Q8N556	K.SGTSSQSPV I SGTSSQSP[166.2] 2	-1.183	0.049	0.004	0	18.7	18	95	6	730	2.95
2781.18	21	Q8N556	K.LSSERPSSDGE KLS[166.9984]S 3	0.895	0.004	0.002	1	30.31	19	59	6	730	0.72
2573.118	20	Q8N556	K.LSSERPSSDGE LSSERPSS[166.9] 3	0.045	0.03	0.004	0	22.8	20	110	5	730	1.67
2621.068	15	Q8N556	K.EAYSGCGPV EAYSGC[160.0] 3	1.193	2.50E-04	0.003	0	41.17	18	59	6	730	1.18
2573.118	26	Q8N556	K.LSSERPSSDGE LS[166.9984]SE 3	0.102	0.026	0.004	0	23.35	20	80	6	730	1.67
2968.349	13	Q8N556	R.TLENSPISCD TLENSPISCC[16] 3	0.497	0.011	0.004	0	25.33	18	91	6	730	1.31
1751.726	10	Q8N573	R.VVSTSEEEEF VVST[166.99] 2	-0.581	0.011	0.002	0	24.74	18	25	2	874	0.93
1751.726	12	Q8N573	R.VVSTSEEEEF VVST[166.9984] 2	2.024	3.70E-06	0.002	0	59.56	18	104	4	874	0.93
1751.726	10	Q8N573	R.VVSTSEEEEF VVST[181.014] 2	2.274	1.80E-06	0.002	0	62.73	18	63	1	874	0.93
1751.726	12	Q8N573	R.VVSTSEEEEF VVST[166.9984] 2	2.024	1.80E-06	0.002	0	62.58	18	104	4	874	1.16
1400.613	8	Q8N5A5	K.SLDQCVELTQ S[166.9984]LDX 2	-0.683	0.014	0.002	0	22.7	17	23	1	531	1.42
1501.66	16	Q8N5D0	R.KDSDSEDEM V KDS[166.9984] 2	0.861	4.40E-04	0.002	1	39.16	18	39	1	677	1.62
1632.803	9	Q8N5F7	R.IGELGAPEVM I GELGAPEVWVG 2	0.822	4.90E-04	0.003	0	37.76	18	38	1	415	1.6
1138.539	7	Q8N5I9	K.IEVLDSPAK H IEVLDS[166.99] 2	-0.883	0.027	0.001	0	20.71	17	21	2	185	0.86
1580.66	14	Q8N5J2	R.ACSMPQELP AC[160.0307]SI 2	-0.989	0.029	0.004	0	20.66	18	38	2	469	2.74
852.434	4	Q8N5J2	R.VLSLQGR.G VLS[166.9984]L 2	0.342	0.001	3.00E-04	0	35.97	20	38	2	469	0.37
1649.68	8	Q8N655	K.EITSHHEEGG EITSHHEEGGD 2	-0.684	0.016	0.001	0	22.71	17	23	6	1247	0.8
1649.68	6	Q8N655	K.EITSHHEEGG EIT[166.9984] 3	-0.04	0.033	0.002	0	19.95	18	20	4	1247	1.1
1649.68	7	Q8N655	K.EITSHHEEGG EIT[181.014]SH 3	0.686	0.006	0.002	0	27.21	18	27	4	1247	1.1
2552.02	17	Q8N655	K.ESSTFTDENP ESSTFTDENP[3] 3	0.463	0.012	0.003	0	24.98	18	38	4	1247	1.04
1210.496	7	Q8N6H7	K.AISSDFFGR AIS[166.9984]S 2	2.119	1.80E-05	0.002	0	53.53	18	79	2	521	1.55
1492.61	7	Q8N6H7	K.DNPFSLGESF DNPFSLGES[16] 2	2.132	2.50E-05	0.002	0	50.87	17	78	2	521	1.67
1492.61	10	Q8N6H7	K.DNPFSLGESF DNPF[166.99] 2	-0.237	0.006	0.002	0	27.18	17	57	3	521	1.67
1783.752	11	Q8N6N3	R.LLPEGETLES LPEGETLES[1] 2	2.159	1.90E-05	0	0	52.25	18	52	2	182	0.02
1866.685	12	Q8N6T3	K.SPSSDWTCA S[166.9984]PSS 2	2.024	5.20E-08	0.002	0	75.51	15	76	1	406	0.97
1866.685	10	Q8N6T3	K.SPSSDWTCA SP[166.9984]S 2	2.127	6.20E-07	0.002	0	64.77	15	65	1	406	0.97
1434.641	9	Q8N7R7	R.SFSADNFICG SFS[166.9984]F 2	2.274	9.50E-06	0.002	0	54.92	17	55	1	359	1.39
2479.033	18	Q8N806	K.VEQNSEPCAC VEQNSEPC[160] 3	-0.158	0.045	0.006	0	18.76	18	19	3	425	2.4
1575.669	17	Q8N8A6	R.VNDAEPGSP V NDAEPGS[16] 2	0.846	5.00E-04	0.002	0	38.01	17	38	2	666	1.12
2688.222	17	Q8N9B5	K.GAASPVLQEC GAAS[166.99] 3	0.228	0.02	0.003	0	22.63	18	23	1	988	1.03
1831.677	13	Q8N9T8	K.YVDEENS DGE YVDEENS[166.5] 2	-0.433	0.009	0.003	0	24.22	16	136	4	709	1.51
3071.347	19	Q8N9T8	R.QPALDGLVM QPALDGLVMG 3	1.291	4.70E-04	0.003	0	39.64	19	136	4	709	1.03
2319.95	13	Q8N9T8	R.AFVDESEDED AFVDES[166.99] 2	1.357	1.40E-04	0.002	0	44.12	18	47	3	709	0.81
1657.659	12	Q8NAF0	R.ESEEEAEAG ES[166.9984]E 2	1.409	1.20E-04	0.001	0	43.62	17	44	1	562	0.78
1657.659	8	Q8NAF0	R.ESEEEAEAG ESES[166.9984] 2	-0.078	0.004	0.001	0	28.77	17	29	1	562	0.78
1485.597	11	Q8NAX2	K.STMGSSFSYP STMGSSFS[166.9] 2	-0.99	0.03	0.002	0	18.65	16	19	1	398	1.66
1485.597	9	Q8NAX2	K.STMGSSFSYP STMGSSFS[166] 2	-0.269	0.006	0.002	0	25.84	16	26	1	398	1.66
1653.686	11	Q8NB15	K.SRSPASAEAP SR[166.9984]F 2	0.521	9.50E-04	0.003	1	33.76	16	34	2	262	1.76
3736.574	13	Q8NB15	R.SPASAEAPGC SPASAEAPGDS 3	1.101	4.80E-04	0.006	1	38.09	17	38	1	262	1.61
3736.574	23	Q8NB15	R.SPASAEAPGC SPASAEAPGDS 3	1.127	0.001	0.006	1	34.4	17	34	1	262	1.61
1091.429	6	Q8NB49	R.TFSDSNVL- TF[166.9984]E 2	-1.09	0.035	0.002	0	18.65	17	19	1	1132	1.51
1091.429	6	Q8NB49	R.TFSDSNVL- T[181.014]FSD 2	-0.67	0.013	0.002	0	22.83	17	23	1	1132	1.51
1742.7	9	Q8NC44	R.QALDSEEEEE QALDS[166.99] 2	2.159	8.80E-07	0.002	0	65.45	17	65	1	543	1.4
2183.938	5	Q8NC51	R.TDKSSASAPD TDKSSAS[166.9] 2	-1.095	0.037	0.003	1	19.6	18	39	4	408	1.19
1839.768	11	Q8NC51	K.SSASAPD VDD SSAS[166.9984] 2	0.561	7.70E-04	0.003	0	37.16	19	70	6	408	1.51
2183.938	10	Q8NC51	R.TDKSSASAPD TDKSS[166.99] 2	0.202	0.002	0.003	1	32.57	18	52	6	408	1.19
2191.886	16	Q8NC51	K.SKSEEAHAED SKS[166.9984]E 3	0.666	0.007	0.003	1	25	16	65	5	408	1.44
1839.768	8	Q8NC51	K.SSASAPD VDD SS[166.9984]A 2	2.127	1.10E-05	0.003	0	55.5	19	77	7	408	1.51
1896.793	19	Q8NC51	K.SEEAHAEDSV SEEAHAEDSVM 4	-0.09	0.043	5.00E-04	0	18.57	17	87	7	408	0.24
2191.886	10	Q8NC51	K.SKSEEAHAED S[166.9984]KSE 4	0.472	0.011	0.002	1	23.2	16	39	4	408	0.76
2191.886	6	Q8NC51	K.SKSEEAHAED SKSEEAHAEDS 5	0.113	0.021	-5.00E-04	1	20.13	16	52	6	408	-0.25
1476.684	11	Q8NC03	R.GGPASPGGLI GGPAS[166.99] 2	1.148	2.00E-04	0.002	0	44.03	20	44	1	748	1.12
2082.938	18	Q8NCF5	R.GAADVEVEI GAADVEVEP 2	-0.101	0.004	0.002	0	29.54	18	30	1	419	0.7
1130.524	11	Q8NCN4	K.GSVDQYLRL S GS[166.9984]V 2	-0.793	0.019	0.001	0	24.62	20	25	1	708	1.28
1509.574	8	Q8ND04	K.NESSAPPDPSI NESS[166.9984] 2	0.299	0.002	0.003	0	30.55	15	31	2	991	1.75
1092.509	8	Q8ND05	R.SSPQLDPLR.K SS[166.9984]PC 2	-0.718	0.017	0.002	0	24.37	19	24	6	463	1.38
1092.509	8	Q8ND05	R.SSPQLDPLR.K S[166.9984]JPC 2	-0.679	0.016	0.002	0	24.77	19	25	6	463	1.38
1220.603	12	Q8ND05	R.SSPQLDPLR.K S[166.9984]PC 3	-0.086	0.041	8.00E-04	1	20.5	19	26	6	463	0.69
1942.878	5	Q8ND05	K.TQLSQGRSSP TQLS[166.9984] 3	0.356	0.014	0.003	1	23.92	18	27	5	463	1.48
1224.562	9	Q8ND07	R.SASADNLTLP SAS[166.9984]J 2	0.057	0.003	0.001	0	32.12	19	32	1	341	0.92
1545.71	7	Q8ND82	K.SEPHSGIPEII SEPHS[166.99] 2	-0.962	0.03	0.001	0	20.92	18	28	2	737	0.9
1238.566	8	Q8ND11	R.KPSEDEV LNK KPS[166.9984]E 2	-0.907	0.028	0.002	0	21.48	18	33	5	1231	2.03
1056.549	9	Q8ND11	K.APAPPVLSPK APAPPVLS[166.2] 2	-0.674	0.014	0.001	0	24.81	19	33	5	1231	1.04
2531.097	9	Q8ND11	R.TSGSDDPGIC TS[166.9984]G 2	1.499	1.00E-04	0.003	0	46.52	19	64	7	1231	1.29
2531.097	13	Q8ND11	R.TSGSDDPGIC TS[166.9984] 3	0.175	0.023	0.006	0	22.11	18	42	4	1231	2.28
1161.505	5	Q8NDT2	R.RNSLEGYSR S RNS[166.9984] 2	0.064	0.003	0.001	1	30.19	17	68	4	890	1.22
1447.614	8	Q8NDT2	R.TFLEGDWTSF TFLEGDWTS[16] 2	1.624	8.30E-05	0.002	0	44.79	16	68	4	890	1.66
1549.716	7	Q8NDT2	R.DRTPHLLYSI DRT[181.014]P 3	0.63	0.007	8.00E-04	1	27.62	19	68	4	890	0.54
1269.493	5	Q8NDT2	K.ASGDPGASGI ASGDPGASGM 2	1.104	2.50E-04	0.002	0	41.62	18	84	3	890	1.24
1951.796	10	Q8NDV7	K.EEEPTGWEEF EEEPTGWEEPS 2	0.278	0.002	0.002	0	33.33	18	33	5	1962	0.89
1485.601	5	Q8NDV7	K.QNTAWDTET QNTAWDTETS 2	-0.695	0.015	5.00E-04	0	22.6	17	33	4	1962	0.36
1872.812	17	Q8NDX1	K.SHSSPLHQDI SHS[166.9984]S 3	0.06	0.03	0.002	0	21.96	19	22	2	1056	1
828.365	4	Q8NE63	R.LTFPDR.E LT[181.014]FPC 2	-1.184	0.043	8.00E-04	0	17.72	17	18	1	616	0.92
2561.952	12	Q8NE71	K.KAEQSEEEEG KAEQGS[166.9] 2	2.159	1.40E-08	0.004	1	82.58	16	327	8	845	1.4
2433.857	10	Q8NE71	K.AEQSEEEEG KAEQGS[166.99] 2	2.172	2.50E-09	-0.001	0	86.1	13	271	9	845	-0.43
1629.76	9	Q8NE71	K.NQDEEQEAF NQDEEQEAP 2	2.159	2.40E-08	0.001	0	81.51	18	327	8	845	0.62
2263.939	11	Q8NE71	K.QQPPEPEWIG QQPPEPEWIGD 2	1.124	2.20E-04	0.002	0	41.79	18	327	8	845	1.12
1279.593	9	Q8NE71	K.AVSEEQPAL AVS[166.9984] 2	-0.764	0.017	-0.001	0	21.91	17	327	8	845	-1.05
2263.939	11	Q8NE71	K.QQPPEPEWIG QQPPEPEWIGD 2	-0.99	0.028	0.002	0	20.68	18	240	6	845	1.12
2431.018	14	Q8NE71	K.GGNVFAALIG GGNVFAALIQD 3	-0.053	0.033	0.005	0	19.84	18	198	8	845	2.26
1709.727	7	Q8NE71	K.NQDEEQEAF NQDEES[166.9] 2	-0.077	0.004	0.003	0	29.76	18	271	9	845	1.81
1684.706	11	Q8NEC7	K.VHTQETSEGL VHTQETSEGLD 2	-0.201	0.005	0.003	0	28.54	1				

2199.988	10	Q8NHV4	K.LVTSGAESGN LVTSGAESGNLJ 2	1.195	1.90E-04	0.002	0	43.5	19	44	3	660	1.12
2196.954	12	Q8NHZ8	K.EDVEVVGGE EDVEVVGGS1Ic 2	2.159	5.10E-07	0.002	0	69.08	19	69	1	85	0.86
1327.524	6	Q8NI08	K.ECLSDPEER.I EC[160.0307]Lc 2	3.201	0.001	0.002	0	31.54	16	32	2	942	1.25
1519.67	7	Q8NI22	K.NNDGDIYAE NNDGDIYAEF. 2	2.024	7.40E-06	0.002	0	57.66	19	58	2	146	1.62
1572.705	7	Q8NI27	K.IDITHPSPHSS IDITHPS[166.99] 3	0.247	0.017	0.002	0	23.81	19	25	3	1593	1.09
1603.598	9	Q8NI27	K.SESPCEPYRN SES[166.9984]F 2	-1.178	0.046	9.00E-04	0	17.77	17	32	3	1593	0.59
3404.461	20	Q8NI27	R.NAVASVQNG NAVASVQNGP 3	0.846	0.005	0.002	1	28.78	18	32	3	1593	0.56
1207.524	4	Q8NI35	K.VPDSPENELK.V PDS[166.9984] 2	-1.142	0.046	3.00E-04	0	18.13	17	18	3	1801	0.25
1628.695	9	Q8NI35	R.RLFDDEASVD RLFDDEAS[166. 2	-0.761	0.02	0.002	1	22.92	18	30	4	1801	1.54
1472.594	9	Q8NI35	R.LFDDEASVDE LFDDEAS[166.9 2	-0.485	0.009	0.002	0	23.68	16	30	4	1801	1.3
1666.806	7	Q8TAD8	K.QERLSPEVAP QERLS[166.998 3	-0.045	0.037	0.002	1	19.87	18	51	8	396	1.05
1991.801	15	Q8TAD8	R.RPDHSGGSPS RPDHSG[166.99 3	0.052	0.033	0.003	0	19.84	17	51	8	396	1.35
1911.834	9	Q8TAD8	R.RPDHSGGSPS RPDHSGGS[166 3	0.548	0.008	0.003	0	26.8	19	51	8	396	1.68
1253.604	7	Q8TAD8	R.LSPEVAPPAH LS[166.9984]PE 3	0.682	0.006	0.001	0	28.17	19	32	5	396	0.89
1991.801	7	Q8TAD8	R.RPDHSGGSPS RPDHSGGS[166 2	-0.875	0.026	0.002	0	20.8	17	51	8	396	1
1863.617	8	Q8TAD8	R.KDDEDEEEEE KDDEDEEEEEV 2	2.197	8.90E-07	0.003	1	60.5	13	108	5	396	1.56
1156.576	4	Q8TAF3	K.STVKNWTKL STVKNWTK[181. 2	-0.386	0.008	0.001	1	27.67	19	28	1	677	1.22
2742.21	10	Q8TAF3	K.IIINDNESQTT IINDNESQTT: 3	-0.06	0.039	0.002	0	18.74	17	19	2	677	0.65
2075.924	8	Q8TAQ2	K.DMDEPSPVP DMDEPSP[166.9 2	1.471	1.10E-04	0.003	0	46.26	19	57	5	1214	1.32
1684.717	7	Q8TAQ2	K.TLTDEVNSPD TLTDEVNS[166. 2	-0.459	0.01	0.001	1	24.95	17	105	7	1214	0.66
3343.262	15	Q8TAQ2	K.GGTMIDLDE GGTMTLDLDCQ 3	0.33	0.015	0.003	1	21.65	16	55	6	1214	0.8
1528.616	8	Q8TAQ2	K.TLTDEVNSPD TLTDEVNS[166. 2	2.127	5.70E-06	0.001	0	58.28	18	105	7	1214	0.8
1578.691	10	Q8TB03	K.LDSQEQGRQT LDSQEQGRQT[1 2	-0.655	0.015	0.003	1	24	18	24	1	319	1.79
1195.335	8	Q8TB72	R.QASPTVEVER QAS[166.9984] 2	0.622	7.00E-04	0.002	0	35.77	17	46	3	1066	1.22
1457.606	9	Q8TB72	K.GKASPFEEQ GKAS[166.9984] 2	-0.199	0.005	0.003	1	27.56	17	46	3	1066	1.97
1465.657	11	Q8TB72	R.RESLTSSDLY RES[166.9984] 2	-0.893	0.024	0.002	1	21.65	18	29	4	1066	1.1
2179.849	11	Q8TB85	R.SEDEDSLEEA S[166.9984]EDI 2	2.119	3.60E-06	8.00E-04	0	58.09	16	68	3	520	0.36
3442.522	20	Q8TB85	K.QVLTAPGSAG QVLTAPGSAGC 3	0.65	0.008	0.002	1	26.84	18	68	3	520	0.5
3442.522	21	Q8TB85	K.QVLTAPGSAG QVLTAPGSAGC 3	1.204	0.002	0.002	1	32.69	18	75	3	520	0.5
1396.57	5	Q8TB90	R.MLASPAPEDI MLAS[166.998 2	-0.764	0.018	-2.00E-04	0	23.89	19	24	3	767	-0.17
1535.685	8	Q8TBZ3	R.SNSLPHSAVSI SNS[166.9984] 3	0.244	0.017	5.00E-04	0	23.76	19	30	3	569	0.29
1535.685	15	Q8TBZ3	R.SNSLPHSAVSI S[166.9984]NSI 2	-0.569	0.012	0.002	0	24.86	18	30	3	569	1.34
1754.741	14	Q8TC07	R.NDSTQIPVSI NDS[166.9984] 2	1.785	4.90E-05	0.002	0	49.4	19	49	1	691	0.9
1641.752	12	Q8TC07	R.KDSSSVEWTF KDS[166.9984] 2	2.119	9.20E-08	0.001	1	76.29	18	117	2	691	0.74
2533.109	14	Q8TCG2	R.LASADGSPRE LASADGGS[166 3	0.644	0.008	0.002	1	26.78	18	27	1	481	0.73
1811.697	9	Q8TCI2	K.RENPPVEDSS RENPPVEDS[16 2	-0.146	0.005	0.003	1	26.09	15	118	5	826	1.82
1811.697	12	Q8TCI2	K.RENPPVEDSS RENPPVEDS[1 2	1.104	2.60E-04	0.003	1	38.59	15	118	5	826	1.71
1655.596	11	Q8TCI2	R.ENPPVEDSSD ENPPVEDS[166 2	2.159	5.30E-07	0.003	0	65.08	15	118	5	826	1.64
1655.596	10	Q8TCI2	R.ENPPVEDSSD ENPPVEDS[16 2	2.197	7.20E-07	0.003	0	63.75	15	108	6	826	1.64
1559.634	6	Q8TCN5	K.AQQCVSPSS AQQC[160.030 2	-0.54	0.01	0.002	0	23.15	16	23	5	953	1.35
1506.672	5	Q8TCN5	K.LSPSNTSYSV LS[166.9984]PT 2	-0.267	0.005	0.001	0	28.87	19	29	6	953	0.72
847.469	4	Q8TD16	R.SPILLPK.G S[166.9984]PIU 2	-0.48	0.009	9.00E-04	0	24.75	17	25	4	824	1.12
2112.012	10	Q8TD19	K.VASEAPLEHKI VASEAPLEHKPC 3	0.155	0.026	0.002	0	20.87	17	21	1	979	1.19
1290.518	5	Q8TD86	K.QQFSPMTEF QQFS[166.9984] 2	-0.516	0.01	0.001	0	23.39	16	23	2	740	0.92
1755.641	10	Q8TD86	K.EGHETPMIDIE EGHETPMIDIDS 2	-0.536	0.011	0.002	0	22.19	15	27	2	740	1.08
1290.518	8	Q8TD86	K.QQFSPMTEF QQFSP[166.99 2	-1.032	0.033	0.001	0	18.21	16	35	3	740	0.92
1755.641	6	Q8TD86	K.EGHETPMIDIE EGHETPMIDIDS 2	-0.987	0.032	0.002	0	17.69	15	18	4	740	1.08
1659.613	14	Q8TDD1	K.IDDRDSDEEC IDDRDS[166.99 2	1.472	9.80E-05	0.003	1	42.27	15	64	2	881	1.82
1625.68	8	Q8TDW5	R.SPAGAEVQSC S[166.9984]PG. 2	1.001	3.40E-04	0.002	0	39.56	17	40	3	730	1.19
1424.649	5	Q8TOY2	R.STELVLSPM ST[181.014]ELV 2	0.732	6.40E-04	0.002	0	37.87	18	38	4	1594	1.76
1478.605	7	Q8TOY2	R.LDLSPEHEDES LDS[166.9984] 2	-1.002	0.033	0.004	0	18.56	16	40	4	1594	2.55
1517.711	8	Q8TE68	R.DRSPAETPP DRS[166.9984] 2	-0.373	0.008	0.001	1	27.82	19	40	2	723	0.94
1719.759	9	Q8TE68	R.APEPQLSPGS APEPQLS[166.9 2	-0.047	0.003	7.00E-04	0	32.08	20	40	2	723	0.4
2552.057	27	Q8TE77	K.APSEELHGD APSEELHGDQ 3	1.291	2.70E-04	0.001	0	39.23	16	39	1	659	0.47
1644.638	7	Q8TEA8	R.SASSGAEGD SASS[166.9984] 2	2.159	1.90E-06	0.002	1	60.87	16	89	3	209	1
1724.605	14	Q8TEA8	R.SASSGAEGD S[166.9984]AS: 2	-0.719	0.016	0.002	1	20.36	15	80	3	209	1
1418.543	8	Q8TEA8	R.SASSGAEGD SASS[166.9984] 2	1.644	7.20E-05	0.001	0	43.99	15	89	3	209	0.84
1724.605	11	Q8TEA8	R.SASSGAEGD SASS[166.9984] 2	0.473	0.001	0.002	1	32.28	15	118	3	209	1
1644.638	15	Q8TEA8	R.SASSGAEGD SAS[166.9984] 2	2.127	4.40E-06	0.002	1	57.14	16	89	3	209	1
1724.605	9	Q8TEA8	R.SASSGAEGD SASS[166.9984] 2	-0.774	0.018	0.002	1	19.79	15	80	3	209	1
1724.605	15	Q8TEA8	R.SASSGAEGD S[166.9984]AS: 2	-0.735	0.017	0.002	1	20.21	15	119	3	209	1
2413.015	21	Q8TEH3	R.TLRESDSAEG TLRESDS[166.9 3	1.101	0.001	0.003	1	35.53	19	36	1	1009	1.34
2413.015	17	Q8TEH3	R.TLRESDSAEG T[181.014]RES: 3	0.101	0.024	0.003	1	22.37	19	22	2	1009	1.34
1753.699	20	Q8TEK3	K.VAGPADAPM VAGPADAPMD 2	1.802	5.50E-05	0.002	0	46.57	16	47	1	1739	1.31
1203.613	7	Q8TEM1	R.DLAVPAALTP DLAVPAALT[18 2	-0.976	0.028	0.002	0	20.79	18	21	2	1887	1.92
1560.613	7	Q8TEQ6	K.LESIDGNEEES LES[166.9984] 2	1.571	9.20E-05	0.002	0	44.26	16	136	8	1508	1.11
2210.883	11	Q8TEQ6	K.ENSQPVENG I ENSQPVENGVS 2	2.159	2.90E-06	0.002	0	59.58	17	136	8	1508	0.94
3687.623	28	Q8TEQ6	K.ENSQPVENG I ENSQPVENGVS 3	1.291	1.80E-04	0.006	1	43.16	18	136	8	1508	1.7
3687.623	27	Q8TEQ6	K.ENSQPVENG I ENS[166.9984] 3	0.003	0.034	0.006	1	20.38	18	108	8	1508	1.7
1259.522	8	Q8TEW0	K.SMDLGIADET S[166.9984]MC 2	1.578	8.40E-05	0.002	0	45.31	17	57	2	1356	1.52
1421.573	6	Q8TEW0	R.FSPDSQYIDNI FS[166.9984]PT 2	0.393	0.001	0.002	0	32.48	16	62	4	1356	1.42
2419.883	11	Q8TF40	R.NESSDSALGD NESSDSALGDS 3	0.427	0.014	0.002	0	19.61	13	20	1	1166	0.93
2419.883	11	Q8TF40	R.NESSDSALGD NESSDSALGDS[ 3	0.208	0.023	0.002	0	17.43	13	17	3	1166	0.93
1928.816	14	Q8TF72	R.EDSLPESSAF EDS[166.9984] 2	1.297	1.40E-04	0.002	0	44.52	19	69	8	1996	0.79
1499.653	8	Q8TF72	R.ERPSSWSSLD ERPS[166.9984] 2	-0.716	0.015	0.002	0	23.39	18	69	8	1996	1.01
1920.885	8	Q8TF72	R.DRPGSPESPLI DRPGS[166.99 3	0.889	0.004	0.003	0	30.23	19	61	6	1996	1.45
1769.711	11	Q8TF72	R.TVSTSTSGNI TVS[166.9984] 2	1.692	6.30E-05	0.002	0	46.46	17	96	8	1996	1.01
1920.885	16	Q8TF72	R.DRPGSPESPLI DRPGSPES[166 3	0.415	0.012	0.003	0	25.5	19	55	7	1996	1.45
1230.507	6	Q8TF72	K.SMSAEDLLER S[166.9984]MS 2	-0.769	0.019	0.003	0	20.84	16	91	11	1996	2.4
1499.653	6	Q8TF72	R.ERPSSWSSLD ERPS[166.998 2	-1.016	0.029	0.002	0	20.37	18	91	11	1996	1.01
1769.711	7	Q8TF72	R.TVSTSTSGNI TVST[181.014] 2	1.276	1.70E-04	0.002	0	42.29	17	96	7	1996	1.01
2835.053	22	Q8WU17	R.EAAAESDREL EAAAES[166.9 3	1.04	0.003	0.003	1	29.74	17	30	1	664	1.08
1842.714	9	Q8WU90	R.AENGERSDLE AENGERS[166. 2	1.095	2.60E-04	0.003	1	40.5	17	46	2	426	1.41
1351.589	9	Q8WUJ4	K.DLDRPESQSP DLRPES[166.9 2	-0.81	0.02	0.002	0	23.45	17	23	2	911	1.61
1351.589	6	Q8WUJ4	K.DLDRPESQSP DLRPESQS[16 2	-0.415	0.008	0.002	0	27.43	19	27	2	911	1.61
1344.521	6	Q8WUM9	K.CSPSESLMEI C[160.0307]S[1 2	1.602	8.70E-05	5.00E-04	0	44.57	16	45	2	679	0.37
1426.635	8	Q8WUX9	R.IDSALEAELE IS[166.9984]DA 2	-0.719	0.017	0.002	0	24.36	19	24	1	453	1.45
3419.531	11	Q8WU20	K.GTEPSPGGTP GT[181.014]EP.										

1738.776	8	Q8WWA1	R.RGSDPASGEV RGSDDPAS[166.984] 3	1.101	0.003	0.001	1	31.46	18	67	2	233	0.72
1438.632	12	Q8WW11	R.RGESLNDLS RGE[166.9984] 3	0.251	0.017	0.002	1	23.83	19	200	10	1683	1.19
1677.712	9	Q8WW11	K.REDSFELDSL REDS[166.9984] 2	0.513	0.001	0.002	1	34.68	17	200	10	1683	1.16
1512.596	6	Q8WW11	R.MYSFDDVLEE MYS[166.9984] 2	1.819	4.40E-05	0.003	0	47.74	17	238	12	1683	1.99
1696.706	10	Q8WW11	K.SRSTTELDYYS SR[166.9984] 2	2.096	2.50E-05	0.002	1	51.49	18	196	12	1683	0.98
1021.424	3	Q8WW11	K.SYTSDLQK.K S[166.9984] 2	-0.602	0.014	3.00E-04	0	23.53	17	200	10	1683	0.33
1718.647	6	Q8WW11	R.EGFESDTSDE EGFES[166.9984] 2	0.045	0.003	0.002	0	30	17	200	10	1683	1.33
1630.678	18	Q8WW11	K.SMSDVSADSI S[166.9984] 2	2.119	8.80E-06	0.001	0	54.69	17	238	12	1683	0.84
1453.573	11	Q8WW11	R.STTELDYYS ST[181.014] 2	1.023	3.30E-04	0.002	0	37.78	15	200	10	1683	1.37
1696.706	6	Q8WW11	K.SRSTTELDYYS SRSTT[181.014] 3	1.127	0.001	0.002	1	34.32	18	244	13	1683	1.1
1037.503	5	Q8WW11	R.ISINQTPGK.S ISINQ[181.014] 2	-0.973	0.027	5.00E-04	0	21.82	19	244	13	1683	0.5
1696.706	8	Q8WW11	K.SRSTTELDYYS S[166.9984] 2	1.393	1.60E-04	0.002	1	43.44	18	333	16	1683	1.1
1668.698	7	Q8WW11	R.RMYSFDDVLEE RMY[166.9984] 2	-0.646	0.015	0.003	1	23.07	17	241	14	1683	1.68
1696.706	9	Q8WW11	K.SRSTTELDYYS SRST[181.014] 3	1.256	3.30E-04	0.002	1	40.31	18	196	12	1683	1.1
1827.806	16	Q8WW11	K.GPPQSPVFEV GPPQS[166.9984] 2	0.979	0.004	0.002	0	29.11	17	100	6	1075	1.12
1912.861	13	Q8WW11	K.EVDGLLTSEPI EVDGLLTSEPM 2	1.432	1.30E-04	0.003	0	44.87	18	102	6	1075	1.7
3598.714	10	Q8WW11	K.EDKPLPLPSGI EDKPLPLPSGG 4	0.212	0.021	0.003	0	20.73	16	126	7	1075	0.83
3598.714	35	Q8WW11	K.EDKPLPLPSGI EDKPLPLPSGG 4	0.046	0.03	0.003	0	19.06	16	131	6	1075	0.83
1114.518	7	Q8WW11	K.SLDQPLSK.S S[166.9984] 2	-0.99	0.032	0.002	0	19.65	17	20	2	1544	1.02
1812.66	10	Q8WW11	R.TAFYNEDDSE TAFYNEDDS[16 2	2.159	2.60E-07	0	0	70.34	17	80	5	1821	0.51
1289.556	5	Q8WW11	R.AQSYDQAW AQ[166.9984] 2	-0.239	0.006	0.002	0	27.16	17	80	5	1821	1.35
1711.692	16	Q8WW11	R.SRSDGDENEF SRDS[166.9984] 2	-0.286	0.006	-2.00E-04	1	25.69	16	78	2	1383	-0.1
1270.556	8	Q8WW11	R.IASDEEIQGT IAS[166.9984] 2	2.159	4.70E-07	0.002	0	68.69	18	85	2	1383	1.55
888.397	5	Q8WXE0	R.SQSFAIR.A QS[166.9984] 2	-0.972	0.026	1.00E-04	0	22.82	20	23	2	1202	0.13
2480.141	15	Q8WXE0	R.VGLSPDSPAG VGLSPDSPAGDI 3	0.81	0.006	0.004	1	27.46	17	35	3	1202	1.57
2480.141	10	Q8WXE0	R.VGLSPDSPAG VGLSPDSPAGDI 3	0.475	0.012	0.004	1	24.12	17	24	2	1202	1.57
2480.141	17	Q8WXE0	R.VGLSPDSPAG VGLSPDSPAGDI 3	0.919	0.004	0.004	1	28.51	17	29	3	1202	1.57
1111.478	4	Q8WXE0	R.SPQESIGAR. S[166.9984] 2	-0.912	0.025	0.001	0	21.41	18	35	3	1202	1.24
1245.518	8	Q8WXE1	R.LSDGDMTASL S[166.9984] 2	-0.643	0.014	0.002	0	23.12	17	23	1	791	1.22
4042.673	19	Q8WXG6	K.EGTHATCASE EGTHATC[160.] 3	1.291	0.002	0.006	0	34.66	19	35	2	1647	1.59
1426.646	7	Q8WXH0	R.QQSVESLAE QQS[166.9984] 2	-0.298	0.007	0.002	0	27.57	18	37	6	6885	1.4
1602.562	10	Q8WXH0	K.EASENETDMI EAS[166.9984] 2	-0.14	0.004	6.00E-04	0	25.15	14	37	6	6885	0.38
1049.53	4	Q8WXH0	R.MESLETALR.I MESLETALR 2	-0.978	0.028	7.00E-04	0	17.77	15	34	8	6885	0.63
2091	9	Q8WXI9	R.LTPSPDIVLSE LTPSPDIVLS[16 2	-0.833	0.023	0.003	0	22.22	18	22	1	593	1.23
2091	17	Q8WXI9	R.LTPSPDIVLSE LTPSPDIVLSDN 2	-0.94	0.029	0.003	0	21.14	18	21	2	593	1.23
2984.299	19	Q8WXR4	R.RNESAAHNQ RNESAAHNQA 4	-0.295	0.037	0.005	1	19.28	17	19	3	1341	1.62
2828.198	23	Q8WXR4	R.RNESAAHNQ RNESAAHNQA 4	0.092	0.027	9.00E-04	0	20.28	17	20	1	1341	0.33
1500.734	9	Q8WXX5	K.KISLEQIAFEI KIS[166.9984] 2	2.274	1.50E-06	0.002	1	64.25	19	64	3	260	1.66
1864.88	17	Q8WY36	R.TADGRVSPAC TADGRV[166.] 3	0.186	0.022	0.001	1	22.21	18	22	1	941	0.56
1819.765	10	Q8WYA6	K.EYEAENIGDGR EYEAENIGDGRS 3	0.667	0.007	0.003	1	27.01	18	27	1	563	1.57
1338.467	8	Q8WYH8	K.MEGSDPESSG MEGS[166.9984] 2	-0.905	0.027	0.002	1	17.5	14	18	1	240	1.14
985.475	7	Q8WYL5	K.KLEFGSPK.G KLEFGS[166.99 2	-0.803	0.018	7.00E-04	1	22.52	18	23	3	1049	0.71
1090.476	6	Q8WYL5	K.SPPFFRYR.L S[166.9984] 2	-1.083	0.041	0.001	0	16.72	15	23	2	1049	1.33
1350.598	8	Q8WYP5	R.TTFFLNSPEK TTFFLNS[166.] 2	0.31	0.002	0.002	0	31.65	16	59	6	2266	1.54
968.408	4	Q8WYP5	R.EVSPSDVR.E EVS[166.9984] 2	-0.554	0.011	6.00E-04	0	22.01	15	34	5	2266	0.66
1726.663	5	Q8WYP5	K.EHQEMDEGS EHQEMDEGSQ 2	-1.077	0.04	0.003	0	17.78	16	34	5	2266	1.65
1379.624	11	Q8WYP5	R.ISFVEDVHPK IS[166.9984] 2	0.002	0.036	5.00E-04	0	21.38	19	32	4	2266	0.39
1014.502	5	Q8WYP5	K.SPLYLSR.S S[166.9984] 2	-0.606	0.012	8.00E-04	0	25.49	19	59	6	2266	0.84
837.448	4	Q8WZ42	K.SIPITV.K V S[166.9984] 2	-0.537	0.011	0.001	0	21.18	14	21	32	34350	1.28
1192.55	6	Q92466	R.SPLEPEAK.I S[166.9984] 2	1.875	3.80E-05	0.001	0	49.3	18	71	3	427	1.2
1435.683	10	Q92466	R.SRSPLEPEEA SR[166.9984] 3	0.474	0.011	1.00E-04	1	25.06	18	79	3	427	0.07
1435.683	6	Q92466	R.SRSPLEPEEA SR[166.9984] 3	0.42	0.013	1.00E-04	1	24.55	18	66	3	427	0.07
2082.895	25	Q92499	K.DNTRPGANSI DNTRPGANS[1 3	0.757	0.005	0.003	0	27.89	18	28	1	740	1.3
2405.076	6	Q92503	K.EGLSGDALSI EGLSGDALSSPS 2	-1.177	0.042	0.002	0	20.78	20	21	3	715	0.63
2405.076	9	Q92503	K.EGLSGDALSI EGLSGDALSSPS 2	0.007	0.003	0.002	0	32.62	20	33	2	715	0.63
2405.076	10	Q92503	K.EGLSGDALSI EGLSGDALSSPS 2	-0.007	0.003	0.002	0	32.47	20	56	5	715	0.63
1097.524	6	Q92508	R.TASELLDR.R TAS[166.9984] 2	1.215	2.10E-04	0.002	0	43.7	19	86	4	2521	1.37
1413.553	7	Q92508	R.SGSEAVTDP SGS[166.9984] 2	0.801	4.50E-04	0.001	0	37.56	17	86	4	2521	0.68
1611.701	8	Q92538	R.AASSSSGSP AASSSSSPGS[16 2	0.004	0.003	0.004	0	30.59	18	36	4	1859	2.48
2838.185	15	Q92538	R.ADAPDAGAC ADAPDAGACS 3	0.335	0.014	-5.00E-04	0	23.7	18	36	4	1859	-0.17
1948.807	10	Q92538	R.GYTSDEVYT GYTS[166.9984] 2	-0.806	0.021	0.001	0	23.47	19	73	4	1859	0.52
2092.887	24	Q92540	K.SPPHSGFQC S[166.9984] 2	0.917	0.004	0.002	0	29.53	18	30	2	1137	0.88
1876.74	13	Q92545	R.RSSDPWSNSS R[166.9984] 3	-0.137	0.041	0.002	1	16.98	16	17	2	1883	0.77
2510.04	26	Q92552	K.ALTSADGASE ALTSADGASEE 3	1.291	3.50E-07	0.003	0	69.85	18	70	1	414	1.08
3321.423	27	Q92560	R.APAASEGNHT APAASEGNHT 4	1.685	6.30E-04	0.003	0	36.42	17	36	1	729	0.79
2841.185	25	Q92576	K.RQLQEDQENI RQLQEDQENNL 3	1.224	8.00E-06	0.002	1	56.16	18	59	4	2039	0.59
1249.553	6	Q92576	R.MAPPVDDL SI MAPPVDDL[1 2	-0.692	0.015	9.00E-04	0	23.63	18	61	3	2039	0.72
1377.648	12	Q92576	R.MAPPVDDL SI MAPPVDDL[1 2	-0.072	0.041	7.00E-04	1	19.64	18	22	4	2039	0.54
1418.616	10	Q92597	R.TASGSSVTLT TAS[166.9984] 2	1.372	1.40E-04	0.002	0	45.27	19	45	1	394	1.2
1418.616	9	Q92597	R.TASGSSVTLT TAS[166.9984] 2	1.406	1.30E-04	0.002	0	45.61	19	45	1	394	1.2
4717.102	19	Q92598	K.NVQQDNSEA NVQQDNSEAG 4	1.659	6.10E-04	0.007	1	35.16	16	108	4	858	1.43
3997.813	25	Q92598	K.NVQQDNSEA NVQQDNSEAG 4	1.685	6.40E-04	0.004	0	36.42	17	104	4	858	0.91
4077.779	17	Q92598	K.NVQQDNSEA NVQQDNSEAG 4	2.919	3.70E-05	0.007	0	48.76	17	179	8	858	1.84
4077.779	16	Q92598	K.NVQQDNSEA NVQQDNSEAG 4	5.233	1.00E-04	0.003	0	44.71	17	155	8	858	0.72
4077.779	14	Q92598	K.NVQQDNSEA NVQQDNSEAG 4	1.203	0.002	0.003	0	31.64	17	111	7	858	0.72
2201.93	7	Q92598	K.NNFGAEPHK NNFGAEPHQ 3	0.026	0.032	0.002	0	20.61	18	111	7	858	0.83
1051.518	8	Q92598	K.IESPILER.T IES[166.9984] 2	-0.176	0.046	0.002	1	19.58	19	179	8	858	1.42
1744.706	11	Q92609	R.TSSTLDESEGT TS[166.9984] 2	2.159	1.80E-05	0.002	0	52.22	17	71	5	795	1.11
1566.716	9	Q92609	K.NISSSPVESLI NISSSP[166.99 2	-0.819	0.003	0.002	0	31.74	19	71	5	795	1.13
1288.546	8	Q92609	R.EFTGSPSSA EFTGSPSSA[166.9984] 2	0.039	0.002	0.001	0	20.22	16	101	7	795	1.1
1744.706	8	Q92609	R.TSSTLDESEGT TS[166.9984] 2	2.024	1.10E-05	0.002	0	54.47	17	84	7	795	1.11
1900.807	11	Q92609	R.TSSTLDESEGT TS[166.9984] 2	0.211	0.002	0.001	1	37.64	23	101	7	795	0.76
1212.533	10	Q92609	K.SESMPQLNH SES[166.9984] 2	-0.655	0.015	0.002	0	22	16	79	5	795	1.41
1900.807	10	Q92609	R.TSSTLDESEGT TS[181.014] 3	-0.078	0.042	0.002	1	24.56	23	79	5	795	0.86
1288.546	5	Q92609	R.EFTGSPSSA EFTGSPSSA[166.2	-0.7	0.015	0.001	0	21.55	16	71	5	795	1.1
3557.52	18	Q92610	R.LLGPAPEDDG LLGPAPEDDGG 3	1.275	0.002	0.005	0	34.07	19	34	2	1267	1.4
2563.069	18	Q92613	R.NSSTETDQF NSSTETDQPH 3	1.193	1.10E-04	7.00E-04	0	46.26	19	46	1	823	0.2

3509.451	18	Q92769	R.MLPHAPGVQ MLPHAPGVQM 4	0.239	0.017	0.005	0	22.96	18	68	2	488	1.4
2081.728	14	Q92769	R.IACDEEFSDE IAC[160.0307]C 2	1.5	9.70E-05	8.00E-04	0	40.54	13	57	3	488	0.36
2081.728	18	Q92769	R.IACDEEFSDE IAC[160.0307]C 2	2.113	2.40E-05	8.00E-04	0	46.66	13	47	3	488	0.36
1420.61	5	Q92785	K.EDSQPTPVSI EDS[166.9984]C 2	-1.146	0.04	0.002	0	20.1	19	20	1	391	1.12
2274.899	8	Q92793	K.EEEESSNGT EEEESSNGTAS 2	-0.922	0.026	0.006	0	21.33	18	21	1	2442	2.57
2103.829	15	Q92794	R.KSSTSDWPTC KS[166.9984]S 3	0.438	0.011	0.003	1	23.7	17	28	3	2004	1.22
1308.61	7	Q92794	R.RLSEGVPEWR RLS[166.9984]E 2	-0.868	0.026	7.00E-04	1	21.87	18	28	3	2004	0.53
1975.734	9	Q92794	K.KSSTSDWPTD KS[166.9984]TS 2	0.858	4.60E-04	0.001	0	37.13	16	37	2	2004	0.56
2103.829	7	Q92794	R.KSSTSDWPTC KS[166.9984]S 3	0.09	0.024	0.003	1	20.25	17	20	2	2004	1.22
1975.734	7	Q92794	K.KSSTSDWPTD KS[166.9984]TS 2	0.159	0.002	0.001	0	30.17	16	30	2	2004	0.56
1975.734	6	Q92794	K.KSSTSDWPTD KS[166.9984]TS 2	0.706	6.60E-04	0.001	0	35.59	16	36	3	2004	0.56
1975.734	6	Q92794	K.KSSTSDWPTD S[181.014]SC 2	-0.303	0.007	0.001	0	25.5	16	38	3	2004	0.56
2103.829	9	Q92794	R.KSSTSDWPTC KS[181.014]S 3	-0.005	0.03	0.003	1	19.29	17	25	3	2004	1.22
1523.681	5	Q92797	R.SPQTLAPVGE S[166.9984]PQ 2	-0.869	0.026	0.001	0	20.86	17	38	5	1274	0.84
1937.867	11	Q92797	K.EERSPQTLAP EERS[166.9984]E 2	0.434	0.001	6.00E-04	1	34.89	18	38	5	1274	0.31
1648.721	13	Q92797	K.TPSPAEDAR TPS[166.9984]E 2	-0.887	0.027	0.002	1	19.66	16	62	5	1274	0.99
1523.681	21	Q92797	R.SPQTLAPVGE SPQ[181.014] 2	-0.105	0.004	0.001	0	28.49	17	34	5	1274	0.84
2975.257	16	Q92804	K.QSSYSQQPVN QSSYSQQPVNN 3	1.224	6.00E-06	-6.00E-04	0	55.46	16	55	2	592	-0.19
2263.844	23	Q92870	R.NAPHPDDDD NAPHPDDDDSC 3	0.32	0.015	0.002	0	20.54	15	30	2	758	0.84
2263.844	19	Q92870	R.NAPHPDDDD NAPHPDDDDSC 3	0.285	0.019	-0.003	0	18.19	13	34	2	758	-1.24
1709.763	5	Q92870	K.GSLSSVTPSPT G[166.9984] 2	-0.373	0.008	-0.002	0	25.82	17	30	2	758	-0.9
1709.763	6	Q92870	K.GSLSSVTPSPT G[166.9984]L 2	-0.869	0.025	-0.002	0	20.86	17	21	1	758	-0.9
1431.626	13	Q92888	R.DGDGVPGGC DGDGVPGGGP 2	-1.029	0.036	5.00E-04	0	19.25	17	19	2	912	0.34
1377.62	8	Q92890	R.FVAFSGQSF FVAFSGQSQS[1 2	2.119	1.90E-05	0.002	0	52.5	18	52	2	307	1.34
1600.798	8	Q92890	K.GVEPSPPIK GVEPSP[166.9 2	-0.636	0.014	0.002	0	24.17	18	63	2	307	1.19
2644.017	24	Q92903	R.EGEAAGGDH EGEAAGGDHE[ 3	1.136	0.003	-0.002	1	29.68	16	30	1	461	-0.57
3282.447	20	Q92908	K.NTSPPTQPTA NTSPT[181.014 3	0.355	0.015	0.003	0	23.87	18	24	1	595	1.01
3282.447	17	Q92908	K.NTSPPTQPTA NTSPT[181.01 3	-0.115	0.043	0.003	0	19.22	18	19	1	595	1.01
1646.661	5	Q92922	K.HSPSPPPPPTI HSPSP[166.9984]P 2	-1.2	0.045	0.001	0	17.58	17	18	1	1105	0.71
1694.79	6	Q92922	R.KHSPSPPPPPTI HSPSP[166.998 3	0.279	0.016	0.001	1	24.15	19	24	4	1105	0.79
1796.733	12	Q92925	K.AEGDSAGTAA AEGDSAGTAGT 2	1.666	7.50E-05	0.004	0	46.21	17	46	1	531	2.03
1440.587	9	Q92934	R.RMSDFVDSFR RMS[166.9984] 2	-0.843	0.042	0.002	1	22.1	18	50	4	168	1.46
2474.944	16	Q92934	R.HSSYPAGTED HSS[166.9984] 3	1.291	8.90E-04	0.004	0	34.23	16	49	3	168	1.4
2474.944	12	Q92934	R.HSSYPAGTED HSSV[243.0297 3	0.567	0.009	0.004	0	24.01	16	40	3	168	1.4
1284.485	6	Q92934	R.RMSDFVDSFR RMS[166.9984]C 2	-0.379	0.008	0.002	0	24.74	16	50	4	168	1.64
1434.662	13	Q92945	K.VQISPDSSGGL VQIS[166.9984] 2	-0.51	0.01	0.002	0	26.44	19	26	1	711	1.16
1975.74	14	Q92974	R.LQDSSDPDTG LQDSS[166.998 2	1.666	7.10E-05	0.003	0	46.21	17	96	6	986	1.6
1124.462	7	Q92974	R.QELGSPEER L QELGS[166.998 2	-0.024	0.004	0.001	0	29.31	17	104	6	986	1.04
1444.65	14	Q92974	R.ILSQSTDSLNA ILSOS[166.9984 2	-1.211	0.049	0.004	0	18.44	18	104	6	986	2.67
2516.13	12	Q92974	R.EPALPLEPDS EPALPLEPDSGG 2	2.159	1.70E-05	0.005	0	53.39	18	104	6	986	1.85
2516.13	14	Q92974	R.EPALPLEPDS EPALPLEPDSGG 2	0.7	6.40E-04	0.005	0	37.55	18	55	6	986	1.85
1975.74	9	Q92974	R.LQDSSDPDTG LQDSS[166.9984 2	1.011	3.20E-04	0.003	0	39.66	17	72	5	986	1.6
2927.173	10	Q92974	R.LQDSSDPDTG LQDSS[166.998 3	-0.132	0.043	0.001	1	19.03	18	55	6	986	0.35
2847.207	11	Q92974	R.LQDSSDPDTG LQDSSDPDTGSI 3	-0.111	0.046	0.001	1	19.25	18	85	4	986	0.36
2847.207	21	Q92974	R.LQDSSDPDTG LQDSSDPDTGSI 3	0.245	0.02	0.001	1	22.78	18	55	4	986	0.36
2847.207	10	Q92974	R.LQDSSDPDTG LQDSSDPDTGSI 3	0.1	0.028	0.001	1	21.34	18	96	6	986	0.36
1403.643	6	Q92993	K.NGLPGSRPS NGLPGSRPS[1 2	-0.756	0.017	6.00E-04	0	23.99	19	24	2	513	0.43
2441.059	9	Q92994	R.GLSSAGGGSF GLSSAGGGS[1E 3	1.256	2.00E-04	0.003	1	42.96	18	43	2	677	1.33
1192.459	9	Q92997	K.SMDDDFGVV S[166.9984]MC 2	-0.161	0.004	0.001	0	23.94	13	24	2	716	1.09
2317.938	13	Q93008	R.NGLIAIEGTG NGLIAIEGTGSD 2	2.159	9.70E-06	0.002	0	55.97	18	56	1	2570	1.01
1544.671	8	Q93009	K.DDPENDNSEL DDPENDNSELP 2	-0.759	0.017	0.002	0	22.94	18	49	2	1102	1.25
2727.043	20	Q93009	K.AGEEQQLSEPE AGEQQLS[166. 3	1.291	8.20E-05	0.003	0	43.55	15	44	2	1102	1.2
2478.118	12	Q93100	R.QSSTPSAPEL QS[181.014] 3	0.276	0.017	0.004	0	20.88	18	23	3	1093	1.65
2478.118	23	Q93100	R.QSSTPSAPEL QS[166.9984] 3	-0.026	0.034	0.004	0	20.1	18	20	2	1093	1.65
2412.931	18	Q969E4	K.REDEGEPEGR REDEGEPEGDEG 3	0.102	0.029	0.003	1	18.34	15	39	4	200	1.22
2256.83	14	Q969E4	R.EDEGEPEGDE EDEGEPEGDEG 2	0.618	7.10E-04	0.002	0	31.73	13	39	4	200	1.13
3865.593	21	Q969E4	K.NEGNLENEGK NEGNLENEGK 4	-0.06	0.035	-0.003	1	18.97	17	39	4	200	-0.79
1441.573	10	Q969E4	K.SDEEEKDVEI S[166.9984]DEI 2	-1.065	0.037	0.001	0	15.9	14	34	4	200	0.97
1384.627	13	Q969H4	R.SPSSLAPLSPI S[166.9984]PSL 2	0.013	0.003	0.002	0	32.68	20	33	1	720	1.74
1384.627	7	Q969H4	R.SPSSLAPLSPI SPS[166.9984]L 2	0.019	0.003	0.002	0	32.72	20	33	2	720	1.74
2191.837	11	Q969T4	R.QRSDDSPST QRS[166.9984] 2	-0.763	0.018	0.002	1	19.92	15	20	1	207	1.13
1201.449	5	Q969V6	R.AGSCCLSPGG AGSC[160.0307 2	-0.858	0.021	0.001	0	19	15	19	2	931	0.94
1617.622	7	Q969K1	R.AVDSFPGGE AVS[166.9984] 2	-0.952	0.029	0.002	0	20.02	17	20	1	311	1.23
1800.791	6	Q96A00	R.QPSPSHDGS QPS[166.9984] 2	-0.62	0.013	0.002	0	24.35	18	24	4	147	0.93
1880.758	8	Q96A00	R.QPSPSHDGS QPS[166.9984] 2	-0.157	0.005	0.001	0	26.96	16	37	6	147	0.61
1800.791	7	Q96A00	R.QPSPSHDGS QPSPSHDGS[16 3	0.126	0.022	0.002	0	22.61	19	31	5	147	1.1
1880.758	7	Q96A00	R.QPSPSHDGS QPS[166.9984] 2	-1.114	0.045	0.002	0	17.39	16	21	4	147	0.82
953.603	6	Q96A08_06081	R.LLLPGEELAK H LLLPGEELAK 2	-0.193	0.005	0.001	0	23.6	13	24	1	1.3	
833.453	4	Q96A49	K.TPPVVIK S T[181.014]PPV 2	-0.3	0.007	8.00E-04	0	27.55	18	28	2	352	0.93
1168.561	7	Q96A57	R.TNLATGIPSS TNLATGIPSS[16 2	-0.545	0.01	0.001	0	27.11	20	27	1	120	0.92
1888.844	9	Q96A73	R.QPASAQSTPS QPASAQSTPST 2	-0.761	0.018	0.004	0	22.92	18	23	1	305	1.98
1888.844	12	Q96A73	R.QPASAQSTPS QPASAQSTPST 2	0.155	0.022	0.003	0	21.91	18	34	2	305	1.77
1782.773	10	Q96AC1	K.LSIMITSENHLJ LSIMITS[166.99 3	0.227	0.018	0.002	0	21.59	17	22	1	680	1.2
1782.773	9	Q96AC1	K.LSIMITSENHLJ LSIMITSENHLN 3	-0.899	0.025	0.001	0	20.55	17	21	3	680	1.03
2661.155	17	Q96AE4	R.QQAAYYAQT QQAAYYAQTS[ 3	0.219	0.022	0.003	0	20.55	16	21	1	644	1.29
1465.693	8	Q96AP0	R.EULGSETPSSI EULGSETPSSI[1 2	-0.485	0.009	0.002	0	24.68	17	25	2	544	1.37
1692.627	15	Q96AT1	K.NSSLLSDFNEI NSSLLS[166.99 2	2.119	1.60E-06	0.003	0	61.71	16	62	4	154	1.65
1757.701	11	Q96AT1	R.IQPPDPDEDG IQPPDPDEDGD 2	-1.088	0.04	0.002	0	18.67	17	65	4	154	1.36
2231.978	11	Q96B23	R.RDSSSEQLAS RDS[166.9984] 2	-1.124	0.039	0.002	1	20.31	19	48	2	403	0.73
2231.978	19	Q96B23	R.RDSSSEQLAS RDS[166.9984 2	-0.239	0.005	0.002	1	29.14	19	64	3	403	0.73
1781.686	10	Q96B36	R.SSDEENPPS SSDEENPPSS[ 2	2.159	5.00E-06	0.003	0	56.06	16	56	2	256	1.49
1032.44	8	Q96B36	R.LNTSDFOKL LNT[181.014]SI 2	-0.048	0.003	5.00E-04	0	31.06	19	81	2	256	0.53
1781.686	7	Q96B36	R.SSDEENPPS SSDEENPPSS[1 2	2.021	5.80E-06	0.003	0	55.38	16	63	2	256	1.49
1598.735	12	Q96B97	R.SIEVENDFLV S[166.9984]EV 2	1.51	1.10E-04	0.002	0	45.65	18	46	2	665	1.49
1512.709	13	Q96B97	R.ANSPSLFGTE ANS[166.9984] 3	-0.02	0.031	0.001	0	20.16	18	20	2	665	0.81
1349.463	4	Q96B9E	K.YDSQKCFNK Y[243.0297]DS 2	-1.073	0.038	0.002	1	15.8	14	16	3	2186	1.43
1668.719	8	Q96B9V	K.SSPVCSAPV SS[166.9984]PA 2	-1.008	0.032	0.002	0	19.47	17	19	4	2078</	

1627.703	8	Q96EY5	R.DMOGLSLDA DMQGLS[166.9	2	-1.047	0.033	-0.002	0	19.07	17	19	2	273	-1.11
1769.572	12	Q96RF6	K.SQDVAVSPQC SQDVAVS[166.4	2	1.239	2.00E-04	0.001	0	42.94	18	43	1	508	0.67
1595.721	12	Q96F54	R.TFLHVSQNSL TFLHVSQNSL[1	3	0.282	0.017	0.001	0	23.16	18	25	5	1042	0.85
2104.97	7	Q96FV2	R.DEVOEVVVFV DEVOEVVVFVPA	3	0.37	0.015	0.003	0	25.02	19	25	1	425	1.4
2104.97	7	Q96FV2	R.DEVOEVVVFV DEVOEVVVFVPA	3	0.213	0.021	0.003	0	23.48	19	23	1	425	1.4
2104.97	8	Q96FV2	R.DEVOEVVVFV DEVOEVVVFVPA	3	1.256	8.00E-04	0.003	0	37.66	19	38	1	425	1.4
1866.82	13	Q96FV9	K.SGLSDLAESLT SGLSDLAESLTN	2	-0.39	0.008	0.003	0	26.65	18	27	1	657	1.55
2582.074	23	Q96G46	R.QENCGAQCV QENC[160.030	3	0.613	0.008	0.002	0	26.45	18	26	1	650	0.72
2582.074	27	Q96G46	R.QENCGAQCV QENC[160.030	3	1.169	0.002	0.002	0	32.05	18	32	1	650	0.72
2582.074	19	Q96G46	R.QENCGAQCV QENC[160.030	3	1.047	0.003	0.002	0	30.83	18	62	3	650	0.72
2582.074	23	Q96G46	R.QENCGAQCV QENC[160.030	3	1.205	2.90E-04	0.002	0	40.71	18	41	1	650	0.72
2020.682	11	Q96GA3	K.SENEDDSEWI S[166.9984]E	2	2.159	1.40E-08	0.002	0	78.46	13	78	1	475	0.89
2020.682	17	Q96GA3	K.SENEDDSEWI S[166.9984]E	2	2.109	1.50E-05	0.002	0	48.31	13	48	1	475	0.94
1927.792	8	Q96GM8	M.AADSDDGA AADS[166.9984	2	2.159	9.50E-06	0.001	0	56.07	18	56	1	510	0.53
2366.147	12	Q96GU1	R.GNDQESSQP GNDQESSQPVC	2	2.119	1.70E-05	0.001	0	52.37	17	88	5	130	0.45
2195.057	11	Q96GU1	K.RQEEPPPTDN RQEEPPPTDNQ	3	0.692	0.006	0.003	1	28.24	19	110	5	130	1.16
2446.113	11	Q96GU1	R.GNDQESSQP GNDQESS[166.9	3	0.029	0.032	0.003	0	19.61	17	110	5	130	1.37
3120.412	8	Q96GU1	R.SQSSERGNDC SQSS[166.9984	3	1.005	0.003	0.003	1	30.37	18	110	5	130	0.89
3120.412	17	Q96GU1	R.SQSSERGNDC SQSSERGNDCQ	3	0.631	0.008	0.003	1	26.65	18	88	5	130	0.89
2446.113	20	Q96GU1	R.GNDQESSQP GNDQESS[166.9	3	0.849	0.005	0.003	0	27.83	17	88	5	130	1.37
3120.412	19	Q96GU1	R.SQSSERGNDC SQSSERGNDCQ	3	1.158	0.002	0.003	1	31.93	18	139	6	130	0.89
1160.523	10	Q96GV9	K.SLDYLNLDK.N S[166.9984]L	2	-0.958	0.026	0.002	0	21.96	19	22	1	206	1.41
1375.56	9	Q96GX5	R.NFELVDSPCI NFELVDS[166.2	2	-0.532	0.01	0.003	0	23.23	16	23	1	879	1.86
1285.594	8	Q96GY0	K.GIEGHSPLGNL GIEGHS[166.99	2	-1.14	0.039	0.002	0	20.13	19	20	1	325	1.77
2950.266	10	Q96GY3	R.ERECSSPSP EREC[160.0307	3	1.291	8.60E-04	0.002	1	35.44	17	35	2	246	0.63
2950.266	18	Q96GY3	R.ERECSSPSP EREC[160.0307	3	1.193	9.00E-04	0.002	1	35.23	17	35	2	246	0.63
1270.568	7	Q96H55	R.SNSSEALLVDI S[166.9984]N	2	-0.125	0.004	0.002	0	28.3	17	28	1	630	2
1900.821	9	Q96HE9	R.SPTPTPLPLSTS SPTPTPLPLT	2	0.762	5.60E-04	0.002	0	38.16	18	38	3	360	1.11
1900.821	7	Q96HE9	R.SPTPTPLPLSTS SPTPTPLPLT	2	1.193	2.10E-04	0.002	0	42.46	18	45	2	360	1.11
1647.789	11	Q96HE9	K.VDVERSPPGT VVERS[166.99	2	-1.017	0.03	0.002	1	21.36	19	45	2	360	1.13
2409.039	13	Q96HH9	K.ACRSPTAQSP AC[160.0307]R	3	-0.195	0.047	-0.002	1	19.37	19	19	1	432	-1.04
2282.018	11	Q96HP0	K.SISSNPDIAV SISS[166.9984	2	1.944	2.60E-05	0.002	0	51.75	18	52	2	2047	1.1
2282.018	12	Q96HP0	K.SISSNPDIAV S[166.9984]S	2	0.677	7.10E-04	0.002	0	37.35	18	37	2	2047	1.1
2282.018	13	Q96HP0	K.SISSNPDIAV SISS[166.9984	2	2.025	3.10E-07	0.002	0	70.98	18	72	4	2047	1.1
2025.796	14	Q96HR8	K.NDQEPPEAL NDQEPPEALD	2	1.817	4.90E-05	0.002	0	47.72	17	64	3	494	1.05
1231.608	6	Q96IF1	R.LEPTAPALSP LEPTAPALS[166	2	0.629	7.20E-04	0.002	0	37.84	19	38	2	538	1.3
1529.62	12	Q96IF1	R.HSVTGYGDCJ HS[166.9984]V	2	-1.052	0.034	7.00E-04	0	19.03	17	29	2	538	0.47
1547.662	9	Q96J9	K.DNPPSPQLD DNPS[166.9984	2	1.325	1.60E-04	0.002	0	43.8	18	44	2	268	1.17
1703.764	10	Q96J9	K.DNPPSPQLD DNPS[166.9984	2	-0.773	0.02	0.001	1	22.81	18	65	3	268	0.83
2366.903	15	Q96J6G	K.DEETEDVLAS DEETEDVLASN	2	0.762	5.00E-04	9.00E-04	0	36.15	16	36	1	964	0.38
1591.773	8	Q96JM2	R.VSPVPLSGAA VS[166.9984]P	2	0.297	0.002	0.001	0	32.52	17	33	1	2506	0.87
939.397	6	Q96JM3	R.GGSPDLWKS GGS[166.9984]2	2	1.927	3.40E-05	7.00E-04	0	47.82	16	127	10	812	0.78
2314.113	18	Q96JM3	K.LAPVSPPEPQ LAPVPS[166.99	3	1.291	0.001	0.003	0	33.33	17	127	10	812	1.2
1486.646	8	Q96JM3	K.TSPASLDFFE TS[166.9984]P	2	0.448	0.001	0.002	0	35.03	18	112	10	812	1.27
1614.741	10	Q96JM3	R.KTSPASLDFFE KTS[166.9984	2	-0.031	0.003	0.002	1	31.24	19	127	10	812	1.01
1270.656	7	Q96JM3	R.KPGPPLSPER KPGPPLS[166.9	2	-0.349	0.008	0.002	0	26.06	17	127	10	812	1.43
1970.877	15	Q96JM3	R.KPGSPDLWV KPGSP[166.998	3	-0.087	0.043	0.004	1	19.47	18	138	12	812	1.8
2314.113	11	Q96JM3	K.LAPVSPPEPQ LAPVPS[166.99	3	0.559	0.01	0.003	0	24.93	17	138	12	812	1.2
1614.741	10	Q96JM3	R.KTSPASLDFFE KTS[166.99	2	0.506	8.90E-04	0.002	1	36.62	19	130	11	812	1.01
1614.741	8	Q96JM3	R.KTSPASLDFFE KTS[181.014]S	2	0.781	0.005	0.001	1	29.15	19	138	12	812	0.88
2812.104	14	Q96JQ2	K.HEPHQDSGEI HEPHODS[166.9	3	1.291	6.60E-04	0.002	0	36.58	17	37	3	1002	0.62
2198.992	11	Q96JY6	R.SQATSPGQT SQATSPGQT[16	3	0.615	0.009	0.004	0	26.49	18	64	4	352	1.59
2198.992	12	Q96JY6	R.SQATSPGQT SQATSPGQT[16	3	0.885	0.005	0.004	0	29.17	18	61	5	352	1.59
1927.744	10	Q96K21	R.LPDSDDDEDE LPDS[166.9984	2	2.159	4.00E-09	0.001	0	87.44	16	149	3	471	0.6
2396.004	16	Q96K76	R.ELEQHLOTSI ELEQHLOT[181.3	3	-0.159	0.047	0.002	0	17.76	17	18	2	1375	1.06
2396.004	10	Q96K76	R.ELEQHLOTSI ELEQHLOTS[16	3	0.633	0.008	0.002	0	25.68	17	26	2	1375	1.06
1161.545	6	Q96K85	R.GLSHSPWAVI GLSHS[166.998	2	-0.49	0.009	0.001	0	26.63	19	27	1	322	0.93
3113.245	18	Q96K8C	R.EDAEGVAEEI EDAEGVAEEEE	3	1.291	1.70E-06	5.00E-04	0	64.26	19	64	1	554	-0.15
2894.273	19	Q96KM6	R.SEHTAPPEEI SEHTAPPEEPT	3	0.718	0.006	9.00E-04	1	29.54	20	49	2	892	0.3
1378.589	7	Q96KM6	K.SPEADPLGV S[166.9984]PE	2	0.852	4.50E-04	0.002	0	38.1	17	49	2	892	1.39
2894.273	19	Q96KM6	R.SEHTAPPEEI SEHTAPPEEPT	3	0.602	0.007	0.003	1	28.5	20	28	3	892	0.99
941.449	4	Q96KN1	K.LTHLSYK E LTHLS[166.998	2	-0.844	0.02	8.00E-04	0	23.1	19	23	1	310	0.87
2408.04	17	Q96KN1	R.TTPPPRPPA TT[181.014]P	3	0.096	0.025	0.002	0	22.3	19	22	2	310	0.63
2826.319	12	Q96KQ4	K.EPEQDGPAAI EPEQDGPAAAP	3	0.598	0.009	0.004	0	25.3	17	25	3	1090	1.38
2826.319	14	Q96KQ4	K.EPEQDGPAAI EPEQDGPAAAP	3	1.101	0.002	0.004	0	33.1	17	33	3	1090	1.38
1526.685	10	Q96KQ7	K.LNSGGGLSEE LNS[166.9984	2	2.159	3.20E-07	0.002	0	70.22	18	70	1	1210	1.17
1561.617	9	Q96KR1	R.RDSGDVDFE RDS[166.9984]2	2	2.172	1.70E-05	0.001	1	53.77	18	70	2	1074	0.88
1405.516	8	Q96KR1	R.DSDGVDGFE DS[166.9984]D	2	0.136	0.002	0.002	0	26.91	13	57	2	1074	1.2
1558.69	14	Q96L73	R.AASPHQVTPC AAS[166.9984	2	-0.825	0.021	0.003	0	22.29	18	22	2	2696	1.79
2101.783	17	Q96LA8	K.LESGGGGEGE LESGGGGEGEGE	2	2.159	8.00E-09	0.005	0	83.41	15	120	2	375	2.64
1521.71	8	Q96LD4	R.GGIPASPIDPF GGIPAS[166.99	2	-0.617	0.014	0.002	0	24.38	18	24	1	638	1.56
1604.681	7	Q96MG7	R.GPGGSQGSQ GPGGSQGSQGI	2	-0.139	0.004	0.003	0	30.16	19	30	1	304	1.62
1604.681	8	Q96MG7	R.GPGGSQGSQ GPGGSQGSQGI	2	-1.218	0.047	0.003	0	19.35	19	19	1	304	1.62
1583.688	8	Q96MH2	R.TQSPGGCSAI TQS[166.9984	2	1.63	7.00E-05	0.002	0	47.85	19	48	1	286	0.99
1554.727	7	Q96MT3	K.SRSNDAIIV SRS[166.9984]C	3	0.805	0.005	0.002	1	26.42	16	26	2	831	1.2
1083.523	7	Q96MU7	R.GSIPVFD.RS GIS[166.9984]F	2	1.987	3.00E-05	0.002	0	50.42	18	50	1	727	1.54
2275.949	13	Q96MW1	K.AALLAQYADV AALLAQYADVT	2	2.197	6.30E-10	0.001	0	97.83	18	98	2	224	0.52
1564.678	9	Q96N64	R.SPEAVGPELE S[166.9984]PE	2	-0.945	0.026	0.002	0	21.1	18	35	3	755	1.1
1759.772	18	Q96N66	R.AGGGPTLQCI AGGGPTLQCI[1	2	-0.935	0.026	-2.00E-04	0	20.2	17	20	1	472	-0.1
1759.772	5	Q96N66	R.AGGGPTLQCI AGGGPTLQCI[1	2	-1.045	0.034	-2.00E-04	0	19.08	17	19	1	472	-0.1
1226.52	13	Q96N67	R.SNSVWVTGCS SNS[166.9984	2	-0.625	0.012	-4.00E-04	0	25.3	19	68	3	2140	-0.36
2267.966	13	Q96N67	R.SLSNSPDISC SLSNSPDISGT	2	2.159	2.60E-06	6.00E-04	0	61.69	18	68	3	2140	0.29
2267.966	12	Q96N67	R.SLSNSPDISC SLSNSPDISGT	2	1.944	7.10E-07	6.00E-04	0	67.37	18	67	4	2140	0.29
2267.966	12	Q96N67	R.SLSNSPDISC SLSNSPDISGT	2	0.893	0.004	0.006	1	30.28	19	84	5	2140	2.27
2267.966	13	Q96N67	R.SLSNSPDISC SLSNSPDIS[16	2	2.197	6.60E-07	6.00E-04	0	67					



1989.796	20	Q96QE3	K.AADVPVPSFDE AADVPVPSFDES	2	0.775	5.20E-04	0.002	0	37.29	17	37	3	1844	0.76
1989.796	15	Q96QE3	K.AADVPVPSFDE AADVPVPSFDES	2	0.573	8.30E-04	0.002	0	35.26	17	42	5	1844	0.76
1931.677	12	Q96Q0R	R.RGGGSGGGE RGGGSGGGE	1	0.073	2.00E-02	0.002	1	26.28	13	74	2	312	0.91
1024.507	5	Q96R0	R.TQSLALPK E TQS[166.9984]	2	-0.656	0.016	7.00E-04	0	25.97	20	26	2	1608	0.66
1456.56	9	Q96R1	R.VPSPGMEEA VPS[166.9984]	2	1.573	8.40E-05	0.002	0	45.28	17	41	1	719	1.35
2550.046	17	Q96R50	R.NGGTNEESN NGGTNEESNS	3	0.852	0.005	0.005	0	27.86	17	75	3	853	1.82
3098.107	15	Q96R50	R.DSGNNSGDD DSGNNS[166.9	3	1.291	1.50E-07	0.004	0	70.41	15	82	4	853	1.3
2697.106	16	Q96R50	K.DRPHASGTD DRPHASGT[181.4	2	0.771	0.006	0.003	0	27.28	17	82	4	853	1.22
2697.106	12	Q96R50	K.DRPHASGTD DRPHASGTDG	4	1.192	0.002	0.003	0	31.49	17	70	3	853	1.22
1466.671	6	Q96RT1	K.SHSITNMEIG SHS[166.9984]	2	-1.064	0.033	0.003	0	18.91	17	19	1	1412	2.13
2117.939	11	Q96S44	R.ATTPADGEEF ATT[181.014]P	2	-0.963	0.027	0.004	0	20.91	18	21	1	253	1.74
1070.524	10	Q96S55	R.RLESSALK.Q RLS[166.9984]	2	-0.5	0.009	0.001	1	25.55	18	26	2	665	0.91
1070.524	11	Q96S55	R.RLESSALK.Q RLS[166.9984]	2	-0.612	0.012	0.001	1	24.43	18	24	3	665	0.91
2773.059	13	Q96S55	K.QPATPTAAES QPATPT[181.01	3	0.003	0.032	0.002	0	20.39	18	21	4	665	0.65
2773.059	18	Q96S55	K.QPATPTAAES QPATPTAAESS	3	0.387	0.013	0.002	0	24.2	18	28	3	665	0.65
1677.784	10	Q96S83	R.ASSLNENVDI ASS[166.9984]	2	0.973	3.10E-04	8.00E-04	0	41.27	19	41	4	815	0.47
1161.482	7	Q96S83	R.FNGSTEALDK FNGS[166.9984]	2	-1.171	0.042	0.001	0	19.82	19	20	4	815	1.17
2397.779	8	Q96S72	K.GEDTEMQNC GEDTEMQNS	3	0.291	0.015	0.003	0	18.23	13	73	4	819	1.42
1562.673	6	Q96S72	K.HPASDEIEEL HPAS[166.9984]	2	-0.639	0.012	0.002	0	24.16	18	24	4	819	1.05
1401.517	11	Q96S72	K.GPASDSEID GPAS[166.9984]	2	0.557	9.10E-04	0.002	0	34.12	16	34	4	819	1.39
2397.779	11	Q96S72	K.GEDTEMQNC GEDTEMQNS	3	-0.188	0.045	0.003	0	13.47	13	19	3	819	1.42
1880.721	13	Q96S72	R.HQASDSENEI HQAS[166.9984]	3	-0.112	0.043	0.003	0	17.24	16	20	4	819	1.42
2317.812	11	Q96S72	K.GEDTEMQNC GEDTEMQNS	3	0.367	0.014	0.003	0	20	14	77	7	819	1.18
1800.755	15	Q96S72	R.HQASDSENEI HQASD[166.99	3	0.126	0.027	0.005	0	21.59	18	77	7	819	2.61
1800.755	8	Q96S72	R.HQASDSENEI HQAS[166.9984]	3	0.272	0.019	0.005	0	23.06	18	34	5	819	2.61
1493.598	5	Q96S73	R.YMNSDTPSP YMNSDTPS[166	2	0.533	8.70E-04	0.003	0	35.88	18	36	3	1273	1.76
1719.663	10	Q96T23	R.IESDEEDEFEN IES[166.9984]	2	2.159	1.80E-08	0.002	0	81.73	17	161	9	1441	1.3
1658.815	6	Q96T23	K.DAQRSLPIPE DAQRSL[166.99	2	1.447	1.10E-04	0.002	1	45.02	18	161	9	1441	1.33
2437.92	12	Q96T23	R.IETDEEESCDI IET[181.014]D	2	1.538	9.50E-05	0.005	0	43.93	16	184	11	1441	1.94
2446.984	21	Q96T23	K.NSSQQDNSSF NSSQQDNSSRE	3	1.127	0.002	5.00E-04	1	30.61	17	184	11	1441	0.19
3090.361	21	Q96T23	K.STLESEKPGSP STLESEKPGS[16	3	1.291	0.002	0.002	0	32.23	17	161	9	1441	0.68
3170.327	18	Q96T23	K.STLESEKPGSP STLESEKPGS[16	3	-0.002	0.033	0.004	0	19.32	17	172	8	1441	1.2
2517.886	13	Q96T23	R.IETDEEESCDI IET[181.014]D	2	-0.078	0.04	0.002	0	15.57	14	149	9	1441	0.91
3090.361	19	Q96T23	K.STLESEKPGSP STLES[166.9984]	3	-0.182	0.044	0.004	0	18.84	18	146	7	1441	1.46
1228.572	10	Q96T37	R.SLSPGGAALG SLS[166.9984]	2	1.269	1.60E-04	0.002	0	43.24	18	66	7	977	1.34
1942.751	7	Q96T37	R.HCAPSPDRSP HC[160.0307]A	2	0.771	4.80E-04	-0.001	1	37.26	17	66	7	977	-0.67
1084.457	4	Q96T37	R.RDGVWSLDR L RDGWS[166.99	2	-1.144	0.043	0.001	1	20.11	19	59	8	977	1.07
1544.697	7	Q96T37	R.HLDRSPESDR HLDRS[166.998	3	-0.005	0.037	0.002	1	19.3	17	65	6	977	1.09
1210.598	5	Q96T37	R.DRTPPLLYR.D DRT[181.014]P	2	-1.071	0.039	0.001	1	19.84	18	83	7	977	1.1
1627.662	9	Q96T58	R.RPQSPGASPS RPOS[166.9984]	2	-0.939	0.026	0.003	0	22.16	19	67	12	3664	1.6
1766.784	11	Q96T58	K.EDVVASGSP EDVVASGSP[16	2	1.096	2.20E-04	0.001	0	42.51	19	110	15	3664	0.57
1759.707	11	Q96T58	R.HGSHFHEDEF HGS[166.9984]	3	1.291	3.90E-04	0.002	0	39.49	18	110	15	3664	0.99
2312.801	16	Q96T58	R.SLVHEVGKPP SLVHEVGKPPQ	3	0.024	0.03	0.002	0	20.56	18	110	15	3664	0.9
1181.545	5	Q96T58	R.ESGVAVVSP ESVGAVVAVS[166	2	-1.023	0.033	0.002	0	20.32	18	110	15	3664	1.31
1839.673	5	Q96T58	R.HGSHFHEDEF HGS[166.9984]	3	0.244	0.018	0.001	0	20.8	16	58	12	3664	0.77
2202.98	18	Q96T60	R.TPESQDTPP TPESQDTP[181.2	2	0.313	0.002	5.00E-04	0	34.68	19	35	2	521	0.22
2202.98	10	Q96T60	R.TPESQDTPP TPESQDTPPPG	2	-0.319	0.007	5.00E-04	0	28.37	19	28	2	521	0.22
1115.462	5	Q96T83	K.SSSEVLER.D SS[166.9984]SE	2	-0.12	0.004	0.001	0	29.35	18	29	2	725	1.26
1115.462	5	Q96T83	K.SSSEVLER.D SS[166.9984]E	2	0.612	7.10E-04	0.001	0	36.66	18	29	2	725	1.26
971.427	4	Q96T83	K.IMGQLSDK.F IMGQLS[166.99	2	-1.215	0.048	7.00E-04	0	13.39	13	35	2	725	0.68
2474.988	27	Q96T88	K.ERDESELDI ERDESELDTDSG	3	0.149	0.023	0	1	19.81	16	54	5	793	-0.01
2554.955	10	Q96T88	K.ERDESELDI ERDESELDT[18:3	3	1.224	3.90E-04	0.002	1	35.09	13	68	4	793	0.57
1864.808	11	Q96T88	K.IERPGESEPM IERPGESE[166.3	3	0.095	0.026	0.003	0	22.27	19	54	5	793	1.39
2554.955	19	Q96T88	K.ERDESELDI ERDS[166.9984]	3	0.074	0.03	0.002	1	16.09	13	47	5	793	0.85
2554.955	8	Q96T88	K.ERDESELDI ERDESELD[166.9	2	1.062	2.90E-04	0.005	1	36.15	13	90	6	793	2.02
1828.75	10	Q96T88	K.REEEQQEQE REEQEQEQGGF	3	0.243	0.019	4.00E-04	1	22.77	18	90	10	793	0.21
2127.988	10	Q96TA1	K.AAPEASSPPA APEASS[166.5	2	0.477	9.80E-04	0.002	0	36.32	19	36	2	746	1.12
2127.988	17	Q96TA1	K.AAPEASSPPA APEASS[166.99	2	0.752	5.20E-04	0.002	0	39.07	19	40	2	746	1.12
2045.881	9	Q96TC7	R.SQSLPNSLDYI SOS[166.9984]	2	1.126	2.20E-04	0.001	0	42.81	19	43	1	470	0.61
2045.881	12	Q96TC7	R.SQSLPNSLDYI S[166.9984]SI	2	2.021	2.40E-05	0.001	0	52.36	19	52	1	470	0.61
1831.732	9	Q99442	R.SQHSSGNGN SQHS[166.9984]	3	0.642	0.007	0.002	0	24.76	16	42	2	399	0.84
3034.079	15	Q99442	K.EELEQQTGDI EELEQQT[181.0	3	1.224	9.40E-04	0.002	0	32.84	15	42	2	399	0.61
1831.732	17	Q99442	R.SQHSSGNGN SQHS[166.998	3	1.256	0.002	0.002	0	31.09	16	98	3	399	0.84
1831.732	9	Q99442	R.SQHSSGNGN S[166.9984]QH	2	0.15	0.002	0.002	0	30.03	16	43	4	399	1.06
2171.916	16	Q99459	K.GGLNTPLHES GGLNT[181.01:3	3	-0.008	0.031	0.003	0	21.27	19	21	3	802	1.49
2171.916	8	Q99459	K.GGLNTPLHES GGLNTPLHES	3	0.854	0.004	0.003	0	29.89	19	30	1	802	1.49
1531.731	8	Q99497	R.DVVICPDASLI DVVIC[160.030	2	-0.008	0.003	0.002	0	30.47	18	30	1	189	1.21
2165.909	14	Q99501	R.RYSGDSOSSA RYS[166.9984]	3	0.01	0.031	0.002	1	20.44	18	20	1	681	1.06
2165.909	22	Q99501	R.RYSGDSOSSA RY[243.0297]S	3	-0.119	0.042	0.002	1	19.13	18	19	1	681	1.06
1418.583	9	Q99543	R.NASASFQELE NAS[166.9984]	2	1.802	5.30E-05	0.002	0	46.55	16	87	3	621	1.27
1546.678	6	Q99543	R.NASASFQELE NAS[166.9984]	2	1.859	4.60E-05	0.002	1	50.14	19	84	2	621	1.39
1498.55	6	Q99543	R.NASASFQELE NAS[166.9984]	2	-0.913	0.023	0.002	0	18.41	15	91	3	621	1.32
1417.552	8	Q99549	R.GLWSTDSAEI GLWSTDS[166.2	2	2.159	4.80E-06	5.00E-04	0	56.16	16	158	3	860	0.37
2238.86	18	Q99549	R.GAEAFGDSAEI GAEAFGDS[166	2	2.159	2.90E-06	0.002	0	59.01	16	158	3	860	0.66
1323.583	6	Q99567	R.EDVEVAESPI EDVEVAES[166	2	0.851	4.60E-04	0.002	0	39.06	18	39	1	741	1.23
1495.679	10	Q99569	R.VASPSQGVQI VASPSQGVGS	2	0.693	6.00E-04	0.001	0	38.48	19	38	4	1192	0.92
1834.874	10	Q99569	R.SAVSPDLHITP SAVS[166.9984]	3	-0.108	0.04	0.002	0	18.28	17	36	6	1192	1.21
1438.694	9	Q99569	R.VGSPDLTDAI VGS[166.9984]	2	-0.125	0.005	-0.001	0	29.28	18	52	5	1192	-0.8
1742.763	12	Q99575	R.VQAYEPPSVA VQAYEPPSVA	2	2.172	2.40E-06	0.001	0	61.55	18	98	2	1024	0.77
1792.819	13	Q99575	K.SAVCIADPLPI SAVC[160.0307	2	0.631	7.30E-04	0.003	0	37.86	19	83	3	1024	1.85
907.525	8	Q99575	K.NLLEKYR NLLEKY	2	-0.978	0.028	5.00E-04	1	19.77	17	83	3	1024	0.55
1246.572	5	Q99584	R.KDLSVNEFK KDS[166.9984]	2	-0.447	0.009	8.00E-04	1	26.07	18	26	1	98	0.65
1939.89	14	Q99590	K.VETVSPSESI VETVSPQS[166.3	3	-0.073	0.035	0.003	1	20.59	19	125	9	1463	1.5
2405.971	13	Q99590	K.SSSNDSVDEE SSSNDS[166.99	2	2.119	2.80E-07	0.003	0	71.33	18	109	7	1463	1.06
1548														

2171.844	17	Q9BPX3	K.TLHCEGTEIN TLHC[160.0307	0.85	0.005	0.002	0	27.82	17	84	4	1015	0.67
2584.969	13	Q9BPX3	R.CQTAEADSE[160.0307]QT	0.313	0.015	0.003	0	19.45	14	84	4	1015	1.16
2584.969	18	Q9BPX3	R.CQTAEADSE[160.0307]QT	0.661	0.007	0.003	0	22.96	14	93	5	1015	1.16
924.386	5	Q9BPZ7	R.TSFSFOK.E TS[166.9984]FS	-0.898	0.022	8.00E-04	0	16.56	13	21	4	522	0.89
1080.487	6	Q9BPZ7	R.TSFSFOK.E RTSFS[166.998	-1.006	0.029	0.001	1	19.48	17	21	4	522	1.22
1186.55	9	Q9BQ61	K.GGPGSTLSFV GGPGSTLS[166	0.246	0.002	0.002	0	32.99	18	33	1	176	1.35
1452.761	12	Q9BQA1	R.KETPPPLVPPY KET[181.014]P	-0.974	0.03	0.002	1	18.79	16	19	1	342	1.44
1428.606	9	Q9BQA1	K.DSVFLSCEDN DSVFLSC[160.0	0.135	0.002	0.002	0	30.89	17	31	2	342	1.13
838.375	4	Q9BQA9	K.TFSLYK.K TFS[166.9984]L	-0.965	0.026	0.002	0	17.9	15	18	1	187	1.99
2158.713	11	Q9BQE3	K.DYEEVGADSA DYEEVGADSA[1	2.159	1.30E-05	6.00E-04	0	49.55	13	87	4	449	0.28
2078.747	13	Q9BQE3	K.DYEEVGADSA DYEEVGADSA[2	0.534	9.40E-04	0.002	0	31.89	14	87	4	449	0.78
1824.985	5	Q9BQE3_P6836	K.VGINYQPPTV VGINYQPPTV[1	-0.572	0.012	0.002	0	21.84	15	116		1.35	
906.424	6	Q9BQE3_P6836	R.EDMAALEK.D EDMAALEK	-0.626	0.014	9.00E-04	0	21.29	15	87		1.02	
2087.859	10	Q9BQE3_P6836	K.TIGGGDDSPN TIGGGDDSP[16	-0.143	0.005	9.00E-04	0	28.12	17	87		0.43	
1015.578	7	Q9BQE3_P6836	K.DVNAAIATK.D DVNAAIATK	1.026	3.10E-04	7.00E-04	0	41.81	19	64		0.68	
1865.853	16	Q9BQE4	K.KPQEEDESPGP KPQEEDE[166.5	-0.153	0.046	0.001	0	19.79	19	20	2	189	0.69
2828.201	15	Q9BQE9	K.VDSSTNSSPSV VDSSTNSSPSPC	1.291	7.40E-04	0.002	0	36.09	17	60	2	202	0.58
2908.167	13	Q9BQE9	K.VDSSTNSSPSV VDSSTNSSPSPC	0.659	0.007	0.002	0	24.93	16	48	2	202	0.73
2908.167	13	Q9BQE9	K.VDSSTNSSPSV VDSSTNSSPSPC	0.987	0.003	0.002	0	28.23	16	53	2	202	0.73
2908.167	15	Q9BQE9	K.VDSSTNSSPSV VDSSTNSSPSPC	0.913	0.004	0.002	0	27.47	16	65	2	202	0.73
2828.201	16	Q9BQE9	K.VDSSTNSSPSV VDSSTNSSPSPC	1.393	1.10E-06	0.002	0	64.53	17	78	2	202	0.58
1337.635	7	Q9BQGO	K.EIPSATQSPSI EIPSATQ[166.1	0.445	0.001	0.002	0	36.3	19	36	3	1328	1.56
1294.486	6	Q9BRDO	R.HDTPDPSPLR HDT[181.014]P	-0.613	0.013	0.001	0	20.4	14	84	6	619	0.88
1431.583	6	Q9BRDO	K.YEYDPDISPPR YEYDPDIS[166.1	-0.104	0.004	0.002	0	26.51	15	68	9	619	1.07
1861.848	11	Q9BRDO	R.HDSPDLAPNV HDS[166.9984]	0.709	6.00E-04	0.002	0	37.62	18	84	6	619	1.18
1861.848	6	Q9BRDO	R.HDSPDLAPNV HDS[166.9984]	0.83	0.005	0.003	0	28.65	18	105	7	619	1.45
1039.507	6	Q9BRG2	R.TSSDPVLLK.A TSS[166.9984]	0.353	0.001	5.00E-04	0	35.08	19	69	2	576	0.47
1505.598	10	Q9BRG2	R.SFSEDTLMDG SFS[166.9984]	1.846	4.70E-05	0.002	0	47.01	16	61	2	576	1.34
1590.668	17	Q9BRJ6	R.ELDEEGSDPP ELDEEGS[166.9	-0.294	0.006	0.002	0	26.61	17	33	2	194	1.19
2372.113	16	Q9BRJ6	K.GEAVLRPGID GEAVLRPGID.A	0.355	0.013	0.002	0	24.87	19	33	2	194	0.84
1418.631	6	Q9BRQO	R.GGGTPDANS GGGT[181.014	-0.082	0.004	0.002	0	30.73	19	31	1	406	1.02
1917.75	10	Q9BR82	R.VVPGQFDDAI VVPGQFDDA[5	1.239	2.00E-04	0.001	0	40.94	16	41	1	568	0.51
1917.75	10	Q9BR82	R.VVPGQFDDAI VVPGQFDDA[5	-0.332	0.007	0.001	0	25.23	16	25	2	568	0.51
1521.658	6	Q9BSJ6	R.SLQHQEQLD S[166.9984]LQ	-1.085	0.038	0.002	0	19.68	18	20	1	248	1.08
1045.471	9	Q9BSQ5	R.GITDSFGR.H GITDS[166.998	-1.043	0.032	0.001	0	23.12	21	23	1	444	1.05
1973.845	9	Q9BSV6	K.LEQASGASSI LEQASGASSI[1	-0.284	0.006	0.004	0	26.74	17	27	1	310	1.75
1499.678	14	Q9BTC0	R.SPPEGDTLFI S[166.9984]PPI	0.471	0.001	-2.00E-04	0	35.26	18	54	2	2240	-0.11
2614.298	26	Q9BTC0	R.RNSVERPAEP RNS[166.9984]	1.101	0.003	0.002	1	30.59	17	31	1	2240	0.79
1421.667	22	Q9BT7	K.SPGVAAAVAI S[166.9984]PG	0.826	4.60E-04	0.002	0	39.81	19	40	1	237	1.35
915.515	5	Q9BTFO	K.NLLELDAK.K NLELDAK	-1.004	0.032	6.00E-04	0	20.51	18	21	1	503	0.61
2022.906	7	Q9BTK6	R.DFLSDSEDP S[166.9984]P	1.388	1.40E-04	0.003	0	44.42	18	44	1	254	1.3
1872.864	7	Q9BTL3	K.RPPESPPIVEE RPPES[166.998	1.291	5.60E-04	9.00E-04	0	39.18	19	39	1	118	0.5
1018.575	6	Q9BTP6	R.AILEMKWK.V AILEMKWK	-0.767	0.018	0.003	1	21.86	17	22	1	218	2.99
1847.747	9	Q9BTU6	R.VAAAAGSGP VAAAAGSGPS[2	0.287	0.002	0.001	0	33.42	18	33	2	479	0.74
1767.781	10	Q9BTU6	R.VAAAAGSGP VAAAAGSGPS[3	0.888	0.004	-7.00E-04	0	30.22	19	30	2	479	-0.4
1669.873	17	Q9BTX1	K.KLNSPEETAFC KLNS[166.9984	1.301	1.50E-04	0.002	1	44.56	19	68	2	674	0.98
1541.688	10	Q9BTX1	K.LNSPEETAFC LNS[166.9984]	1.382	1.30E-04	0.002	0	44.37	18	44	2	674	1.03
2130.839	9	Q9BU23	K.DSGAASEQA DSGAASEQATA	-0.149	0.004	0.001	0	27.06	16	27	2	707	0.54
2130.839	22	Q9BU23	K.DSGAASEQA DSGAASEQATA	0.804	4.80E-04	0.001	0	36.59	16	65	3	707	0.54
2130.839	13	Q9BU23	K.DSGAASEQA DSGAASEQATA	-0.02	0.003	0.002	0	28.35	16	28	2	707	1.01
1898.816	10	Q9BU76	R.RPAEATSPTR RPAEAT[181.01	0.13	0.002	0.003	0	31.85	18	32	4	263	1.53
1818.849	11	Q9BU76	R.RPAEATSPTR RPAEATSPTR[1	-1.071	0.039	0.003	0	19.82	18	27	4	263	1.5
1898.816	11	Q9BU76	R.RPAEATSPTR RPAEATSPTR[1	-0.453	0.009	0.003	0	26.01	18	45	5	263	1.53
1898.816	6	Q9BU76	R.RPAEATSPTR RPAEATSPTR[1	-0.999	0.034	0.003	0	20.54	18	21	5	263	1.53
1818.849	16	Q9BU76	R.RPAEATSPTR RPAEATSPTR[3	0.426	0.011	0.004	0	25.61	19	27	4	263	2.1
1355.635	17	Q9BUA3	R.AESPPAPPP AEA[166.9984]	0.612	8.50E-04	1.00E-04	0	36.67	18	37	1	381	0.09
1294.604	9	Q9BUH6	R.LAAAEETAVS LAAAEETAVS[1	2.159	1.40E-06	0.002	0	63.61	18	64	2	204	1.6
3626.479	9	Q9BUR4	K.TLETQPLAPD TLETQPLAPDC[3	-0.107	0.044	0.002	0	18.27	17	18	1	548	0.69
1796.774	15	Q9BUW7	R.LEFQQLGELA LEFQQLGELAP	-0.908	0.026	0.002	0	21.45	18	21	1	83	1.26
1536.662	9	Q9BUZ4	R.GSLDESSLGFC GS[166.9984]	0.65	7.10E-04	0.003	0	36.05	17	36	1	470	1.84
1432.635	7	Q9BV36	R.ASSESIQIFELN ASS[166.9984]	-0.334	0.007	0.003	0	28.21	19	28	3	600	2.08
2043.864	15	Q9BV44	K.DETDESSKEE DETDES[166.99	-1.242	0.049	0.002	1	19.14	19	19	3	507	0.86
1563.716	7	Q9BV73	R.LHSPGATSTA LHS[166.9984]	-0.953	0.031	0.002	0	21	18	21	2	2442	0.99
1439.658	9	Q9BVC5	K.SPPLSPVGTTF S[166.9984]P	-0.618	0.014	0.002	0	24.37	18	24	2	232	1.26
1359.692	9	Q9BVC5	K.SPPLSPVGTTF S[166.9984]P	-0.443	0.008	0.001	0	26.1	18	26	3	232	0.91
1542.706	14	Q9BVG9	R.DAGGPRPESF DAGGPRPES[1	1.291	6.20E-04	-0.001	0	36.94	17	37	2	487	-0.74
1399.61	8	Q9BVJ6	K.DSGSQEVLSE DSGS[166.9984	1.898	4.20E-05	0.002	0	48.53	17	49	5	771	1.6
1399.61	12	Q9BVJ6	K.DSGSQEVLSE DSGS[166.9984]	1.694	6.70E-05	0.002	0	46.49	17	62	4	771	1.6
1756.727	8	Q9BVJ6	R.SELSQDAEPA SELS[166.9984]	0.374	0.001	2.00E-04	0	33.28	17	62	4	771	0.14
1912.828	14	Q9BVJ6	K.RSELSQDAEPA RSELSQDAEPA	-0.146	0.047	-0.001	1	18.89	18	72	4	771	-0.56
1756.727	13	Q9BVJ6	R.SELSQDAEPA SELS[166.9984]	-1.148	0.045	3.00E-04	0	18.1	17	47	3	771	0.19
1694.691	10	Q9BVW5	R.AHTVEEVNTI AHTVEEVNTI[1	0.178	0.021	0.002	0	21.1	17	21	1	301	1.06
1624.649	7	Q9BW04	R.AEDAPLSGE AEDAPLS[166.9	0.097	0.002	0.003	0	30.55	17	31	2	601	1.59
1598.622	7	Q9BW71	R.EESESEAEPI EES[166.9984]	0.649	7.40E-04	0.002	0	35.04	16	145	8	556	0.93
1122.519	10	Q9BW71	K.NGVAAEVSP NGVAAEVSP[16	0.195	0.002	0.001	0	33.5	19	145	8	556	1.11
1554.607	10	Q9BW71	R.EVSDSEAGCV EVS[166.9984]	1.808	4.40E-05	0.003	0	47.63	17	104	6	556	1.69
1728.721	10	Q9BW71	K.ESESESEEH ESESESE[166.99	0.108	0.002	0.001	0	30.63	17	145	8	556	0.82
2136.898	9	Q9BW71	K.SLKESESEEE SLKES[166.998	-0.673	0.014	-6.00E-04	1	23.81	18	115	9	556	-0.26
1678.588	8	Q9BW71	R.EESESEAEPI EES[166.9984]	-0.943	0.025	0.001	0	18.13	15	133	7	556	0.69
1471.544	5	Q9BW71	K.RRPTPCSDPEI RRPT[181.014]	-0.294	0.006	0.002	0	24.62	15	133	7	556	1.66
2658.175	22	Q9BWG6	R.EPEAAGPOV EPEAAGPOAE	1.291	0.001	0.003	0	34.05	18	34	1	230	1.18
1123.514	5	Q9BWH2	K.SNQIPTEVR.S S[166.9984]N	-0.886	0.023	4.00E-04	0	20.69	17	21	1	189	0.35
2170.886	14	Q9BWH6	R.ARPSPGHCLP ARPS[166.9984	0.433	0.012	0.001	0	23.67	17	24	1	1393	0.6
1575.683	6	Q9BWT3	K.RLSLSDSCLDS RLS[166.9984]	-1.081	0.036	0.002	1	19.74	18	25	3	736	1.12
1575.683	13	Q9BWT3	K.RLSLSDSCLDS RLS[166.9984]	1.098	0.002	0.002	1	31.34	18	46	2	736	0.99
2231.045	17	Q9BWU0	R.SLQEQSRPP SLQEQSRPP[7	-0.021	0.037	0.002	0	19.13	17	93	4	796	0.72
2081.72	10	Q9BWU0	K.MLGEDSDEE MLGEDS[166.9	2.159	1.50E-09	0.001	0	89.83	14	105	3	796	0.6
2241.896	22	Q9BWU0	K.ETQTHENMSI ETQTHENMSQ	0.553	0.01	0.002	0	24.85	17	105	3	796	0.93
2241.896	12	Q9BWU0	K.ETQTHENMSI ETQTHENMS[1	0.302	0.018	0.002	0	22.35	17	89	3	796	0.9

2368.96	22	Q9BY89	R.LSLSQTEPT LSS[166.9984]L 3	1.2	0.002	0.001	0	32.62	18	91	7	1806	0.51
1313.526	8	Q9BYG3	K.SQVAELNDDI S[166.9984]OV. 2	-0.546	0.012	-0.001	0	24.09	17	110	8	293	-0.73
2159.938	10	Q9BYG3	K.SQVAELNDDI S[166.9984]OV. 2	2.159	3.40E-06	0.001	1	60.42	18	110	8	293	0.56
1126.503	7	Q9BYG3	K.VSGTLDTPK VSGTLD[181.C 2	1.211	1.70E-04	3.00E-04	0	43.66	19	110	8	293	0.3
1483.607	12	Q9BYG5	R.HGAGSGCLG HGAGS[166.99 2	1.269	1.80E-04	0.002	0	43.62	18	43	1	372	1.6
1058.47	6	Q9BYI3	R.NAVTSMJIR.I NAVTSM[166. 2	1.385	1.30E-04	0.001	0	44.4	18	44	1	521	0.95
1219.412	5	Q9BYT3	K.CPDCSSASOK C[160.0307]PD 3	-0.122	0.041	-0.002	0	14.13	13	14	1	514	-1.24
1775.698	6	Q9BYW2	K.NSTLPMETTS NSTLPMETTS[1 2	-0.922	0.029	0.003	0	19.31	16	19	7	2564	1.93
2242.942	14	Q9BYW2	K.SSEPFREPL SES[166.9984]F 3	-0.067	0.043	0.004	1	18.65	17	28	4	2564	1.82
1874.711	11	Q9BYX2	R.RAVSEGCASE RAVSEGC[160.I 2	-0.658	0.013	-7.00E-04	1	20.97	15	21	1	928	-0.36
1290.573	8	Q9BZ23	R.LGYSVGPPTS.V LGS[166.9984] 2	2.158	2.10E-05	-4.00E-04	0	52.13	18	52	2	570	-0.29
1753.823	8	Q9BZ23	R.RASSASVPAV RAS[166.9984] 2	-0.143	0.004	0.001	1	30.12	19	56	4	570	0.77
1927.803	9	Q9BZ23	R.ASATSVSSAG ASATSVSS[166. 2	-1.22	0.047	0	0	18.35	18	56	4	570	0
2576.143	9	Q9BZ71	R.KGSISSQTDTF KGSISS[166.99 3	1.181	0.002	0.003	1	32.15	18	43	2	974	1
2576.143	21	Q9BZ71	R.KGSISSQTDTF KGSISSQTDT[1 3	1.291	0.001	0.003	1	33.9	18	34	2	974	1
1712.726	13	Q9BZ71	K.SNIDISSGLEL S[166.9984]NIC 2	-0.211	0.005	0.002	0	27.44	17	29	2	974	1.35
2197.928	11	Q9BZD3	R.VSSQAEDTSS VSS[166.9984]C 2	-1.077	0.037	0.004	0	18.78	17	19			1.86
2197.928	10	Q9BZD3	R.VSSQAEDTSS VS[166.9984]S 2	2.172	1.10E-05	0.004	0	53.99	17	54			1.86
1552.741	8	Q9BZE9	R.AAGSPSPPLA AAGSPS[166.99 2	-0.985	0.033	0.002	0	20.7	18	21	2	553	1.18
1552.741	9	Q9BZE9	R.AAGSPSPPLA AAGS[166.998 2	-1.008	0.035	0.002	0	20.45	18	20	1	553	1.18
1955.696	9	Q9BZF1	K.ENDQEHDESI ENDQEHDESI[1 2	-0.911	0.026	0.003	0	18.44	15	18	1	889	1.46
1439.657	7	Q9BZL4	K.SPVLQEEAPF S[166.9984]PVI 2	0.463	0.001	0.002	0	35.18	18	47	2	782	1.59
1619.695	10	Q9BZL4	R.SASSSWLEGT SAS[166.9984] 2	-0.08	0.004	0.002	0	29.75	18	47	2	782	1.14
1829.799	10	Q9BZL6	R.LGTSESLPCTA LGTSES[166.99 2	-0.509	0.01	-0.004	0	24.45	17	24	2	878	-2.38
1779.795	6	Q9C086	R.AWLDEDSNL AWLDEDSNLS 2	-0.975	0.028	0.002	0	20.78	18	21	1	356	1.24
797.417	6	Q9C0A0	R.LJISGK.V US[166.9984]IS 2	-0.676	0.015	8.00E-04	0	26.79	21	27	1	1308	0.98
2506.051	16	Q9C0A6	K.VTVSSDHEEV VTVS[166.998 3	1.224	0.001	0.002	0	34.7	18	35	2	1442	0.9
2506.051	10	Q9C0A6	K.VTVSSDHEEV VTVSS[166.998 3	0.596	0.008	0.002	0	26.28	18	26	2	1442	0.9
1656.748	16	Q9C0B5	R.GDLSKEPTSI A GDS[166.998 3	0.949	0.004	0.002	1	29.81	18	72	4	715	1.15
1634.757	17	Q9C0B5	R.GVSGPEPPTI GVS[166.998 2	1.197	3.20E-05	0.002	0	50.29	18	72	4	715	1.28
1758.758	9	Q9C0C2	R.FSEGVLOSFS FS[166.9984]E 2	-0.892	0.025	0.001	0	21.63	18	552	25	1729	0.74
2166.011	18	Q9C0C2	R.YESQEPLAQ YESQEPLAQE 3	1.224	3.60E-05	0.004	0	50.06	18	550	23	1729	2.03
1499.347	14	Q9C0C2	R.NRSAAEGELA NRS[166.998 2	2.119	5.30E-07	0.002	1	68.34	18	550	23	1729	1.14
2025.822	13	Q9C0C2	R.QQAGAOPC QQAGAOPGS 2	-1.115	0.046	0.001	0	18.4	17	552	25	1729	0.58
1317.595	12	Q9C0C2	R.HNGSLSPGLE HNGSL[166.99 2	0.648	6.60E-04	0.002	0	38.03	19	552	25	1729	1.38
2350.997	18	Q9C0C2	R.TEAQDLCRAS TEAQDL[160.C 3	0.77	0.005	0.003	1	28.02	18	552	25	1729	1.4
2302.994	23	Q9C0C2	K.RDLSGAYASC RDS[166.998 3	1.224	2.50E-07	0.003	1	71.97	19	550	23	1729	1.2
2060.863	11	Q9C0C2	K.DTQSPSTCEI DTQS[166.998 2	1.638	7.90E-05	0.002	0	47.93	19	552	25	1729	1.03
2910.247	10	Q9C0C2	R.SFGTRPLSSGI SFGTRPLSS[166 3	1.224	2.50E-04	0.003	0	41.57	18	550	23	1729	0.92
1766.748	7	Q9C0C2	R.VPSSDVEVEI VPSS[166.998 2	2.043	3.20E-05	0.004	0	49.98	17	550	23	1729	2.14
2910.247	19	Q9C0C2	R.SFGTRPLSSGI SFGTRPLS[166. 3	1.291	1.40E-04	0.003	0	44.29	18	552	25	1729	0.92
1103.477	6	Q9C0C2	R.VSAGAGFSPS VSGAGF[166. 2	2.26	1.90E-05	0.002	0	55.15	20	552	25	1729	1.47
1558.632	7	Q9C0C2	R.EAASFPGQEI EAASF[166.99 2	0.457	0.001	0.002	0	35.12	18	552	25	1729	1.54
1914.859	11	Q9C0C2	R.RFSEGLQSP RFS[166.9984]E 3	0.227	0.021	0.003	1	22.59	18	552	25	1729	1.36
1229.493	8	Q9C0C2	R.SAAEEGELAESI S[166.9984]AEI 2	0.692	6.20E-04	0.001	0	37.47	18	552	25	1729	1.17
1758.758	13	Q9C0C2	R.FSEGVLOSFS FSEGVLOS[166. 2	1.432	1.10E-04	0.002	0	45.87	19	552	25	1729	1.03
1717.722	8	Q9C0C2	R.SQEAADVQDV S[166.9984]QE. 2	0.696	6.20E-04	0.003	1	37.51	18	552	25	1729	1.49
1955.733	6	Q9C0C2	R.YSSQDADEQI YS[166.9984]C 2	0.352	0.001	0.002	0	32.07	16	552	25	1729	0.87
2910.247	17	Q9C0C2	R.SFGTRPLSSGI SFGTRPLSSGF 3	1.317	0.001	0.003	0	34.06	18	466	22	1729	0.92
1484.591	13	Q9C0C2	R.NMAPGAVCS NMAPGAVC[1E 2	0.448	0.001	0.004	0	33.01	16	610	24	1729	2.88
1955.733	9	Q9C0C2	R.YSSQDADEQI YS[166.9984]C 2	0.706	5.90E-04	0.002	0	35.62	16	470	24	1729	0.87
1758.758	12	Q9C0C2	R.FSEGVLOSFS FSEGVLOS[1E 2	0.031	0.003	0.002	0	31.86	19	550	23	1729	1.03
1512.658	8	Q9C0C7	R.LELSSASPOE LELSSAS[166. 2	-1.078	0.035	0.002	0	20.77	19	24	4	1298	1.12
2250.962	9	Q9C0C7	R.SSQGTGTEPGA SQTGTEPGA 3	-0.051	0.04	0.003	0	19.85	18	25	4	1298	1.21
2250.962	16	Q9C0C7	R.SSQGTGTEPGA SQTGTEPGA 3	0.09	0.029	0.003	0	21.24	18	24	4	1298	1.21
837.448	5	Q9C0C9	K.SIPLSIK.N S[166.9984]PL 2	-0.402	0.008	0.001	0	22.51	14	23	1	1292	1.29
2208.909	7	Q9C0C9	R.GSSGCSEAGC GSSGC[160.03 3	-0.134	0.046	0.003	1	17.98	17	24	2	1292	1.28
1789.756	10	Q9C0D5	K.SPCTISSPSSI S[166.9984]PC 2	0.301	0.001	2.00E-04	0	36.56	21	37	2	1861	0.09
1401.615	6	Q9C0D6	R.SSENDVLEL SS[166.9984]SE 2	-0.846	0.024	0.003	0	20.07	16	20	1	1143	1.88
1889.875	18	Q9C0E2	R.HOQQLLASPC HQQQLLAS[166 2	2.119	2.00E-05	-8.00E-04	0	52.49	18	64	2	1151	-0.42
1889.875	6	Q9C0E2	R.HOQQLLASPC HQQQLLAS[166 2	0.301	0.002	-8.00E-04	0	33.56	18	34	2	1151	-0.42
1889.875	16	Q9C0E2	R.HOQQLLASPC HQQQLLAS[166 2	2.024	1.50E-06	-8.00E-04	0	63.58	18	72	2	1151	-0.42
1889.875	9	Q9C0E2	R.HOQQLLASPC HQQQLLAS[166 2	0.756	5.40E-04	-8.00E-04	0	38.1	18	45	2	1151	-0.42
1671.726	13	Q9C0H5	R.KPSSETDIENV KPSS[166.998 2	-0.856	0.022	-2.00E-04	0	21.99	18	22	1	1083	-0.14
1643.632	10	Q9GRZ7	K.AQAVSEEEEE AQAVS[166.99 2	2.159	9.00E-07	-0.002	0	64.59	17	65	2	859	-1.36
950.445	6	Q9H019	R.NASVPLNR.G NAS[166.998 2	-0.93	0.027	5.00E-04	0	19.25	16	19	1	292	0.53
1447.634	12	Q9H0A0	R.GDDEEWNEV GDDEEWNEVL 2	0.212	0.002	0.002	0	31.67	17	32	1	1025	1.41
1796.77	7	Q9H0B6	K.SVEEPTOPGG S[166.9984]VEI 2	-0.758	0.02	0.003	0	21.97	17	22	1	622	1.65
1263.529	8	Q9H0B6	R.TLSSSMDLST TLSSSS[166.99 2	0.862	4.70E-04	0.002	0	37.17	16	53	3	622	1.47
1263.529	7	Q9H0B6	R.TLSSSMDLST TLSSSS[166.99 2	1.053	3.00E-04	0.002	0	39.06	16	39	3	622	1.47
1263.529	7	Q9H0B6	R.TLSSSMDLST TLSS[166.998 2	0.433	0.001	0.002	0	32.89	16	33	1	622	1.47
1326.51	8	Q9H0B6	K.LDEADPNNEE LDEAD[166.99 2	-0.973	0.027	0.002	0	20.81	18	61	4	622	1.92
1293.558	7	Q9H0D6	R.NSPGSQVASH NS[166.9984]P 2	2.159	1.10E-05	0.002	0	54.99	18	77	3	950	1.55
1768.655	16	Q9H0D6	K.AEDSDSEPEI AEDS[166.998 2	1.06	2.90E-04	0.001	0	38.15	15	77	3	950	0.63
837.448	7	Q9H0H5	K.TVPLSK.V T[181.014]VPL 2	-0.293	0.006	0.001	0	23.62	14	44	2	632	1.28
1654.768	19	Q9H0H5	R.SIGSAVDQGN S[166.9984]GS 2	0.897	4.10E-04	0.002	0	39.52	18	43	2	632	1.36
1546.665	11	Q9H0W8	K.EPGSGGPNQI EPGSGGPNQLS 2	-0.463	0.009	6.00E-04	0	22.92	15	23	1	520	0.4
1240.572	5	Q9H0Y9	R.QTTFLGSPG QTTFLGS[166.9 2	-1.185	0.047	6.00E-04	0	17.7	17	18	2	879	0.49
1853.682	6	Q9H0Y9	R.ENPEESDTEI ENPEES[166.99 2	-1.111	0.038	0.002	0	18.47	17	18	1	879	1.34
1576.725	13	Q9H1B7	R.KASPEPPDSA KAS[166.998 2	1.11	2.50E-04	0.003	1	42.65	19	99	8	796	1.71
1549.701	8	Q9H1B7	R.NSSSPVSPAS NSSS[166.998 2	0.932	3.50E-04	0.002	0	39.87	18	83	7	796	1.02
1448.63	8	Q9H1B7	K.ASPEPPDSAEI AS[166.998 2	-1.138	0.04	0.001	0	19.17	18	99	8	796	0.94
1785.768	17	Q9H1B7	R.NSSSPVSPAS RNS[166.998 2	-1.011	0.03	0.003	1	20.42	18	105	7	796	1.54
1629.667	9	Q9H1B7	R.NSSSPVSPAS NSSS[166.998 2	-1.11	0.044	9.00E-04	0	18.43	17	93	6	796	0.53
1549.701	9	Q9H1B7	R.NSSSPVSPAS NSSS[166.998 2	1.664	6.50E-05	0.002	0	47.17	18	105	7	796	1.02
1785.768	14	Q9H1B7	R.NSSSPVSPAS RNS[166.998 2	-0.664	0.013	0.001	1	23.89	18	105	7	796	0.59
1494.552	8	Q9H1E3	K.EEDE										

1291.593	14	Q9H307	K.EIAIVHSDAEK EIAIVHS[166.95	2	0.096	0.002	0.002	0	31.51	18	123	6	717	1.29
1215.496	7	Q9H307	K.ENVSALDMEI ENV[166.9984	2	0.942	4.00E-04	0.001	0	34.95	13	149	6	717	1.1
1484.615	6	Q9H307	R.VESVEPSENE VESVEPESENAS	2	-0.736	0.016	0.003	0	23.22	18	100	7	717	1.83
2742.191	11	Q9H330	R.GESAPTSTSF GESAPTSTSPS	3	1.103	0.002	0.003	0	33.35	20	33	1	911	1.06
2742.191	14	Q9H330	R.GESAPTSTSF GESAPTSTSPS	3	0.632	0.007	0.003	0	28.68	20	29	1	911	1.06
2392.078	19	Q9H3H1	R.RLDSDAVNTII RLDSDAVNTIES	3	1.012	0.003	0.001	1	32.44	20	32	2	467	0.41
2235.977	16	Q9H3H1	R.LDSDAVNTIEI LDSDAVNTIESC	3	-0.12	0.042	0.003	0	19.14	18	19	1	467	1.2
2235.977	9	Q9H3H1	R.LDSDAVNTIEI LDSDAVNTIESC	3	-0.061	0.037	0.003	0	19.72	18	20	1	467	1.2
2389.893	11	Q9H3N1	K.VEEEQEADEE VEEEQEADEED	2	2.159	6.00E-07	0.001	0	63.65	14	149	6	280	0.6
2517.988	19	Q9H3N1	K.VEEEQEADEE VEEEQEADEEI	3	1.256	3.60E-04	0.004	1	39.09	17	116	5	280	1.66
1068.497	9	Q9H3N1	R.SLGPPLATDK S[166.9984]LGI	2	-0.899	0.024	0.001	0	22.55	19	130	5	280	1.06
1352.657	8	Q9H3N1	R.QRSLGSPSLATI QRS[166.9984]	2	-0.045	0.004	0.002	1	32.1	20	149	6	280	1.37
2316.091	14	Q9H3P2	R.EASRPPEEPSI EASRPPEEPSAP	3	-1.11E-05	0.036	0.004	0	20.37	18	20	1	528	1.5
1986.781	5	Q9H3Q1	K.AGEPDQESLD AGEPPDQES[166	2	-0.663	0.015	0.002	0	21.91	16	22	1	356	0.78
1925.839	8	Q9H410	K.SLHSLPQEQS/ SLHLS[166.998	3	0.769	0.005	0.002	0	29.01	19	46	3	356	1.1
1925.839	8	Q9H410	K.SLHSLPQEQS/ S[166.9984]LH	3	0.075	0.026	0.002	0	22.11	19	53	2	356	1.1
1183.535	5	Q9H425	R.SSSLDALGPTT SSS[166.9984]L	2	-0.898	0.027	4.00E-04	0	21.57	18	22	2	327	0.3
2774.267	19	Q9H4A3	K.EKPELSEPHL EKPELSEPHLN	3	0.175	0.02	0.005	0	22.1	0	0	1	2382	1.75
2774.267	10	Q9H4A3	K.EKPELSEPHL EKPELSEPHLN	3	0.219	0.018	0.005	0	22.55	18	23	1	2382	1.75
1119.519	7	Q9H4G0	K.HQASINELK R HQAS[166.998	2	-0.995	0.03	9.00E-04	0	22.6	20	56	10	881	0.83
2638.105	16	Q9H4G0	R.SLDGAEFSPR SLDGAEFSPRAS	3	1.291	3.90E-04	0.004	0	39.42	18	56	10	881	1.33
894.47	5	Q9H4G0	R.SLSPIGK.D SLS[166.9984]P	2	-0.03	0.003	7.00E-04	0	32.25	20	56	10	881	0.8
2638.105	13	Q9H4G0	R.SLDGAEFSPR SLDGAEFSPRAS	3	0.276	0.017	0.004	0	23.11	18	64	11	881	1.33
1743.712	12	Q9H4G0	R.GACSTPDMP GAC[160.0307]	2	-1.044	0.038	0.004	0	18.14	16	83	10	881	2.42
1512.658	7	Q9H4G0	R.SEAEEGVRT SEAEEGVRT[1	2	-0.894	0.023	0.002	1	22.64	19	83	10	881	1.17
1743.712	7	Q9H4G0	R.GACSTPDMP GAC[160.0307]	2	0.685	7.20E-04	0.004	0	35.38	16	84	16	881	2.42
2718.072	13	Q9H4G0	R.SLDGAEFSPR SL[166.9984]LD	3	0.49	0.011	0.003	0	24.28	17	68	12	881	1.02
1147.539	7	Q9H4G0	R.LPSPSPASPK LPSPSPAS[166.9	2	-0.706	0.015	7.00E-04	0	24.46	19	77	13	881	0.65
2350.946	13	Q9H4L4	K.NHLSPQOQG NHL[166.9984	3	0.036	0.032	9.00E-04	0	19.68	17	20	1	574	0.38
1967.875	10	Q9H4L5	R.LHSSNPNLSTI LHSS[166.9984	3	0.048	0.029	0.003	0	21.82	19	79	4	887	1.37
1967.875	10	Q9H4L5	R.LHSSNPNLSTI LHSS[166.9984]	3	0.606	0.008	0.003	0	27.38	19	113	6	887	1.37
1333.626	5	Q9H4L5	R.ALVHQLSNEA ALVHQLS[166.9	2	-1.198	0.044	0.002	0	19.57	19	113	6	887	1.9
2068.962	9	Q9H4L5	K.QLMEQDASS QLMEQDASS[2	2	2.159	1.00E-05	0.002	0	56.01	19	113	6	887	0.85
1397.61	9	Q9H4L5	R.QDSWEVVEV QDS[166.9984]	2	-0.359	0.007	0.003	0	26.96	18	113	6	887	2.31
2068.962	8	Q9H4L5	K.QLMEQDASS QLMEQDASSP	2	0.5	9.20E-04	0.002	0	36.53	19	119	5	887	0.85
1023.491	4	Q9H4L7	R.KASISYFK.N KAS[166.9984]	2	-0.745	0.018	8.00E-04	1	22.13	17	22	1	1026	0.74
842.34	3	Q9H4M7	K.QDSSGLR.L QDSS[166.9984	2	-1.106	0.043	-0.002	0	18.49	17	18	2	779	-2.82
1452.637	11	Q9H4Z3	R.QLSEEQPSGN QL[166.9984]	2	-0.962	0.03	0.002	0	20.93	18	21	3	704	1.23
2867.243	9	Q9H4Z3	R.EEASLLSHSPG EEAS[166.9984	3	0.06	0.027	0.002	0	19.97	17	23	3	704	0.79
953.434	6	Q9H501	K.IDNSIPK.K IDNSI[166.998	2	-1.077	0.038	0.001	0	18.78	17	19	1	851	1.23
1402.568	5	Q9H5H4	R.YEPOSQGYEP YEPOS[166.998	2	-0.295	0.007	0.002	0	25.6	16	41	4	540	1.67
1610.702	10	Q9H5H4	R.SPGLVPPSPF S[166.9984]PG	2	-0.551	0.012	0.002	0	24.02	17	36	4	540	1.1
1361.514	6	Q9H5H4	R.FEPESPGFESF FEPE[166.998	2	-0.138	0.004	0.002	0	28.15	17	53	3	540	1.53
1652.68	18	Q9H5I1	K.GSGDISSSDI GSGDISSDIDH	2	1.166	2.00E-04	0.001	0	42.19	18	42	2	410	0.76
1864.616	16	Q9H6F5	R.LGGLRPESPE LGGLRPES[166.	3	0.187	0.02	0.002	0	21.19	17	153	12	360	0.96
2383.104	23	Q9H6F5	R.LQQGAGLESF LQQGAGLESPQ	3	1.224	1.00E-04	0.003	0	44.64	17	173	12	360	1.4
2635.204	11	Q9H6F5	R.ALVEFESNPEI ALVEFESNPEET	3	1.224	2.40E-05	0.004	1	52.51	17	173	12	360	1.58
2463.07	22	Q9H6F5	R.LQQGAGLESF LQQGAGLES[16	3	0.754	0.006	0.002	0	27.86	18	153	12	360	0.85
1188.577	8	Q9H6F5	R.AGLGSPERP ALGLS[166.998	2	0.655	7.50E-04	0.004	0	37.1	18	153	12	360	0.3
1430.642	9	Q9H6F5	R.QQDLHLESPQ QDLHLES[166	3	-0.029	0.038	7.00E-04	0	20.07	18	205	13	360	0.52
1133.499	5	Q9H6F5	R.EPGSPSPVQR EPG[166.9984	2	-1.024	0.032	0.002	0	20.3	18	250	14	360	1.97
1063.428	5	Q9H6H4	R.SFSMQDLR.S SFS[166.9984]	2	0.401	0.001	0.001	0	32.56	16	33	1	257	1.31
1514.667	8	Q9H6K1	K.VEGNFNPFAS VEGNFNPFAS[1	2	0.644	7.70E-04	0.003	0	36.97	18	37	1	298	1.7
2013.774	10	Q9H6S0	R.KSSADTEFSOI KSS[166.9984]	2	2.159	2.10E-09	0.002	1	89.25	15	103	2	1430	0.74
2013.774	12	Q9H6S0	R.KSSADTEFSOI KSSADTEFS[16	3	1.126	0.002	0.003	1	28.58	15	103	2	1430	1.29
2013.774	20	Q9H6S0	R.KSSADTEFSOI KSSADT[181.01	3	0.553	0.009	0.003	1	22.88	15	79	3	1430	1.29
1817.678	9	Q9H6S0	R.VDGIPIPDSSD VDGIPINDS[166	2	-0.914	0.027	-0.003	0	18.4	15	114	3	1430	-1.7
1817.678	16	Q9H6S0	R.VDGIPIPDSSD VDGIPINDS[16	2	-0.52	0.011	-0.003	0	22.33	15	100	4	1430	-1.7
1817.678	15	Q9H6S0	R.VDGIPIPDSSD VDGIPINDS[16	2	0.229	0.002	-0.003	0	29.84	15	124	3	1430	-1.7
1885.679	10	Q9H6S0	R.KSSADTEFSDEI SS[166.9984]	2	0.229	0.002	-5.00E-04	0	27.82	13	123	4	1430	-0.29
2661.149	18	Q9H6S3	K.HSPTSEPTPPK HSPTSEPT[181.	3	0.031	0.031	0.003	0	20.67	18	21	4	715	1.15
2661.149	22	Q9H6S3	K.HSPTSEPTPPK HS[166.9984]	3	0.316	0.016	0.003	0	23.51	18	24	5	715	1.15
2803.934	19	Q9H6V2	R.TCERPAEDG TC[160.0307]E	3	1.028	0.003	0.001	0	28.6	16	29	1	383	0.49
1714.688	11	Q9H6Z4	R.SPSEAADEVC S[166.9984]P	2	2.119	3.50E-06	0.002	0	61.08	19	61	1	567	1.23
1714.688	11	Q9H6Z4	R.SPSEAADEVC SPS[166.9984]	2	2.172	1.50E-07	0.002	0	74.91	19	75	2	567	1.23
2647.025	18	Q9H6Z4	R.SAGGSSPEGC SAGGSSPEGC	2	1.206	0.002	0.002	1	30.42	16	57	2	567	0.79
1651.689	7	Q9H706	K.SGSPDLSEDC S[166.9984]	2	-0.596	0.012	0.004	0	23.59	17	24	1	876	2.11
1399.646	7	Q9H788	R.TLSSSAQEDIII TLS[166.9984]	2	2.159	9.60E-07	0.002	0	66.5	19	66	1	454	1.48
1421.649	7	Q9H7D0	K.APEPDLMSPT APEPDLMS[166	2	-0.944	0.025	0.002	1	21.11	18	21	3	1870	1.75
1421.649	8	Q9H7D0	K.APEPDLMSPT APEPDLMSPT[1	2	-1.062	0.033	0.002	1	19.91	18	20	2	1870	1.75
1636.74	14	Q9H7F0	K.LVHDSLEDLQI LVHDS[166.998	2	2.119	9.30E-06	0.002	0	55.94	18	56	3	1226	1.51
2443.08	19	Q9H7L9	K.RPASPSPPEHI RPAS[166.9984	3	0.853	0.005	0.004	0	28.85	18	29	1	328	1.5
2127.974	10	Q9H7N4	R.QRSPSPAPAP QRS[166.9984]	2	-0.091	0.004	0.002	1	31.64	20	119	8	1312	1.03
2118.941	10	Q9H7N4	K.AAAPPPALPI AAPPPAL[18	2	1.307	1.50E-04	8.00E-04	0	43.62	18	119	8	1312	0.36
2040.916	10	Q9H7N4	K.TPEVFLPEEA T[181.014]PEV	2	0.362	0.001	0.003	0	34.17	18	71	7	1312	1.55
1417.527	7	Q9H7N4	K.GAEETSWSGI GAEETSWS[16	2	-0.676	0.014	0.004	0	21.78	16	112	8	1312	2.81
2434.092	14	Q9H7N4	K.EAASSSSGTQ EAASSSSGTQP	3	0.434	0.012	0.003	1	24.69	18	119	7	1312	1.24
2434.092	6	Q9H7N4	K.EAASSSSGTQ EAASSSSGTQP	3	0.119	0.025	0.003	1	21.55	18	115	9	1312	1.24
1863.874	6	Q9H8G2	K.SVNEILGLAES SVNEILGLAES	2	0.38	0.002	0.003	0	35.33	19	125	3	361	1.39
2336.842	14	Q9H8G2	K.ILEGDNGMDSI ILEGDNGMDS	2	2.159	5.70E-08	4.00E-04	0	74.74	15	145	3	361	0.18
1720.727	9	Q9H8G2	R.STDSSVSGSI ST[181.014]DS	2	2.159	3.70E-06	0.002	0	59.53	18	145	3	361	1.34
2186.797	13	Q9H8M2	R.EREHCDETEG EREHC[160.03	3	0.011	0.029	0.002	1	18.44	16	18	1	597	0.99
1374.594	6	Q9H8M9	K.NVFTSAEELI NVFTS[166.998	2	-0.308	0.006	0.002	0	29.45	20	29	1	152	1.62
1281.536	5	Q9H8Y5	K.EALGQNEESP EALGQNEES[16	2	-0.998	0.03	0.002	0	20.57	18	21	2	726	1.55
1518.684	9	Q9H910	K.TSDIFGSPVTA TSDIFGS[166.9	2	0.248									

1832.879	13	Q9H8D1	K.KQSLGEDHVI KQS[166.9984] 3	-0.086	0.043	9.00E-04	1	18.46	17	18	2	1191	0.46
2977.168	10	Q9H8M0	R.MCYQCESEDI MC[160.0307]V 3	-0.158	0.047	0.002	0	16.77	16	17	1	779	0.61
1014.525	4	Q9H8M1	R.KAFTATVYN - KAFTATVYN 2	-0.745	2.019	-9.00E-04	1	20.08	15	20	2	224	-0.85
3459.58	23	Q9HC35	K.APVSSSTESVIC APVSSSTESVICSI 3	1.291	0.002	0.002	0	32.74	17	33	2	981	0.47
3539.546	8	Q9HC35	K.APVSSSTESVIC APVSSSTESVICSI 4	-0.295	0.042	0.004	0	18.56	17	19	3	981	1.27
2373.039	16	Q9HC52	R.RQSDLVQCC RQSD[166.9984] 3	1.291	0.002	0.003	1	33.88	18	43	3	389	1.13
1408.6	11	Q9HC52	R.HGSGPPSSGG HGSI[166.9984] 2	-0.774	0.02	0.003	0	23.81	19	48	3	389	1.97
2373.039	9	Q9HC52	R.RQSDLVQCC RQSDLVQCC[16 3	0.296	0.017	0.003	1	23.28	18	43	3	389	1.13
2373.039	16	Q9HC52	R.RQSDLVQCC RQSDLVQCC[16 3	0.904	0.004	0.003	1	29.39	18	47	4	389	1.13
2373.039	13	Q9HC52	R.RQSDLVQCC RQSDLVQCC[16 3	0.772	0.006	0.003	1	28.07	18	52	4	389	1.13
2244.033	14	Q9HC77	K.RASPNLSEAI RAS[166.9984] 3	-0.148	0.044	0.003	1	18.84	18	19	3	1338	1.51
1296.583	6	Q9HCDS	R.SSTDSLPGPIS SST[181.014]D 2	-0.537	0.011	0.002	0	25.18	18	25	1	579	1.37
1296.583	6	Q9HCDS	R.SSTDSLPGPIS SST[166.9984]T 2	-0.65	0.014	0.002	0	24.05	18	24	2	579	1.37
1910.784	12	Q9HCDS	R.DCSYGAVTSP DC[160.0307]S 2	2.159	9.00E-07	0.001	0	64.27	16	99	4	1990	0.75
2343.98	12	Q9HCDS	R.SCDLSPVSP SC[160.0307]D 2	2.159	1.70E-05	0.002	0	51.64	17	99	4	1990	0.94
1910.784	10	Q9HCDS	R.DCSYGAVTSP DC[160.0307]S 2	1.944	1.30E-06	0.001	0	62.59	16	63	4	1990	0.75
1910.784	9	Q9HCDS	R.DCSYGAVTSP DC[160.0307]S 2	2.021	9.10E-08	0.001	0	74.2	16	92	4	1990	0.75
1910.784	8	Q9HCDS	R.DCSYGAVTSP DC[160.0307]S 2	2.025	2.60E-06	0.001	0	59.68	16	66	4	1990	0.75
2343.98	9	Q9HCDS	R.SCDLSPVSP SC[160.0307]D 3	0.322	0.017	0.003	0	22.58	17	66	4	1990	1.15
1753.8	14	Q9HCE3	R.AADKSPESQ AADKSI[166.9984] 3	0.211	0.021	5.00E-04	1	23.43	19	39	2	1301	0.3
1670.851	15	Q9HCE3	R.AADKSPESQ AADKSI[166.9984] 2	-1.01	0.029	0.002	0	20.45	18	34	3	2581	0.97
2009.968	12	Q9HCE3	K.SPEETATQVP S[166.9984]PE 2	1.269	1.70E-04	0.003	0	42.24	17	50	3	2581	1.28
1349.61	14	Q9HCE3	R.HSSLGQSLSP HSSLGQSLSI[16 2	-0.819	0.021	0.002	0	26.36	22	26	1	1747	1.66
2175.949	10	Q9HCE3	R.RPLEAGSPGC RPLEAGSI[166.9 3	-0.053	0.035	0.001	0	19.8	18	20	1	1045	0.57
2356.857	13	Q9HCN4	R.GTLEDEDEEA GTLEDEDEEAD 3	1.224	9.50E-05	0.002	0	42.89	15	43	1	374	1.08
2356.857	7	Q9HCN4	R.GTLEDEDEEA GTLEDEDEEAD 3	0.316	0.016	0.002	0	20.52	15	21	1	374	1.08
1066.54	4	Q9HD20	R.DRLSQVLR.D DRLSI[166.9984] 2	-1.056	0.034	0.001	1	22	20	22	2	1204	1.16
2172.044	11	Q9HDC9	R.RPLRPQVTD RPLRPQVVT[18 3	0.307	0.018	0.002	0	23.29	17	22	1	416	1.07
1226.491	4	Q9NP61	K.AISSDMYFGR AISS[166.9984] 2	-1.07	0.038	0.001	0	16.85	15	23	2	516	1.12
1226.491	5	Q9NP61	K.AISSDMYFGR AISS[166.9984]S 2	-0.661	0.014	0.002	0	20.94	15	23	2	516	1.12
972.455	5	Q9NP66	K.SPLTYVRF S[166.9984]PLT 2	-0.835	0.022	5.00E-04	0	24.2	20	24	1	347	0.5
1653.712	10	Q9NP87	R.VGSPGDAAS VGS[166.9984] 2	0.07	0.002	0.002	0	32.25	19	32	1	494	0.97
1653.712	6	Q9NP87	R.VGSPGDAAS VGS[166.9984] 2	0.363	0.001	0.002	0	35.18	19	35	1	494	0.97
1747.863	10	Q9NPF5	K.TIHDVVGAPL DTIHDVVGAPLT 2	0.446	0.001	0.003	0	30.01	18	35	1	467	1.77
1733.621	16	Q9NPG3	R.DRISDEEEDI DRIC[160.0307] 2	0.873	4.20E-04	0.001	1	36.28	15	36	3	1134	0.78
1723.753	10	Q9NPH3	R.RSSSDEOGLS RSS[166.9984]S 2	-0.193	0.005	0.001	1	27.62	17	28	1	570	0.8
1723.753	10	Q9NPH3	R.RSSSDEOGLS RSS[166.9984]SS 2	-0.94	0.03	0.001	1	20.15	17	20	1	570	0.8
1723.753	10	Q9NPH3	R.RSSSDEOGLS RSS[166.9984] 2	-0.206	0.006	0.001	1	27.5	17	28	1	570	0.8
1567.652	9	Q9NPH3	R.RSSSDEOGLSY S[166.9984]SS 2	-0.074	0.004	0.002	0	29.84	18	30	1	570	1.4
1707.795	6	Q9NPI6	K.ASSPSPLTIGT ASS[166.9984] 2	-0.253	0.005	0.002	0	28.02	18	30	2	582	0.99
1707.795	10	Q9NPI6	K.ASSPSPLTIGT ASS[166.9984] 2	-1.057	0.039	-0.002	0	19.98	18	30	2	582	-1.47
754.349	4	Q9NPR2	R.LGSEIR.D LGS[166.9984] 2	0.134	0.002	0.001	0	35.87	22	36	2	832	1.63
1521.637	11	Q9NQ39	K.AEAGAGSATI AEAGAGSI[166. 2	2.159	4.50E-06	0.003	0	59.42	18	59		2.14	
1440.6	10	Q9NQ55	R.VGSGDEEAS VGS[166.9984] 2	0.402	0.001	0.002	0	32.57	16	33	1	473	1.51
1509.735	6	Q9NQ84	K.VPSEGAYDIL VPSEGAY[243. 2	1.397	1.20E-04	0.002	0	43.52	17	44	2	441	1.62
1245.522	7	Q9NQ84	K.AFSMDEPVAJ AFS[166.9984] 2	-0.655	0.014	0.002	0	21.98	16	61	2	441	1.93
1300.567	7	Q9NQ84	K.EDEVSEKAI EDEVSI[166.99 2	-0.639	0.015	0.002	1	24.14	18	24	2	1192	1.94
1375.541	6	Q9NQ84	K.FGNSINLEADI FGS[166.9984] 2	-0.654	0.013	0.002	0	22	16	22	1	134	1.38
1004.492	6	Q9NQ87	R.IAQVSPGRPL IAQVSI[166.998 2	0.886	3.60E-04	0.001	0	41.41	20	41	1	918	1.24
1653.716	8	Q9NQV6	K.SDDGTQDLH S[166.9984]DD 2	-0.811	0.022	0.003	0	22.44	18	22	1	1147	1.8
1973.827	7	Q9NQW6	K.RCSDNTEVEH RC[160.0307]SI 3	0.109	0.029	0.002	1	21.41	18	115	8	1124	1.27
1726.747	8	Q9NQW6	K.QNSVQEQG QNS[166.9984] 2	1.783	4.60E-05	3.00E-04	0	49.38	19	115	8	1124	0.19
1978.775	11	Q9NQW6	R.QPLSEASNOQ QPLSEASNOQP 2	1.382	1.30E-04	0.001	0	45.37	19	115	8	1124	0.7
1288.528	5	Q9NQW6	K.ASPQSEFMPS AS[166.9984]PI 2	-1.088	0.043	0.002	0	17.67	16	115	8	1124	1.63
835.432	7	Q9NQW6	K.TPISPLK.T TPISI[166.9984] 2	0.155	0.002	8.00E-04	0	34.1	20	115	8	1124	0.99
1973.827	11	Q9NQW6	K.RCSDNTEVEH RC[160.0307]SI 3	0.914	0.004	0.002	1	29.49	18	117	8	1124	1.27
2171.213	17	Q9NQZ2	R.OSQQAEEEEE OSQQAEEEEE 3	-0.034	0.039	0.002	1	20.02	18	20	2	479	0.85
2227.851	18	Q9NR09	K.LEGSDOLLEI LEGSDOLLEDS 3	0.065	0.03	0.002	0	18.97	16	19	2	4857	0.98
1221.53	6	Q9NR19	R.SWSPPEVSR SWS[166.9984] 2	-0.825	0.021	0.001	0	22.3	18	22	2	701	0.85
1323.546	7	Q9NR30	K.EEPSQNDISF EEPSQNDIS[16 2	-0.081	0.004	0.002	0	27.74	16	100	5	783	1.75
1451.641	12	Q9NR30	K.EEPSQNDISF EEPSQNDIS[16 2	0.024	0.003	0.003	1	29.79	17	100	6	783	1.83
1791.768	9	Q9NR30	K.NEPESEEDF NEPESI[166.998 2	2.159	1.90E-05	0.002	0	52.88	18	100	6	783	1.3
2746.205	10	Q9NRA8	K.ASEENLSSSS ASEENLSSSSVI 3	1.2	0.002	0.002	1	34.63	19	35	1	985	0.89
2981.104	11	Q9NRF9	R.DEDNDEDEEI DEDNDEDEERL 3	0.33	0.014	0.002	1	20.65	15	21	1	147	0.79
2443.791	14	Q9NRG0	K.REEEDENDNI REEEDENDND 3	1.224	1.80E-04	0.005	1	37.41	13	37	3	131	2.24
855.412	6	Q9NRG9	R.FSPVLGR.A FS[166.9984]PA 2	0.407	0.001	6.00E-04	0	33.62	17	34	1	546	0.67
1503.732	7	Q9NRL2	K.RQSPPEPVTI RQSP[166.9984] 3	0.495	0.011	0.001	1	25.27	18	64	10	1556	0.65
2139.806	12	Q9NRL2	K.ELDQDMVTEI ELDQDMVT[18 3	0.142	0.024	0.003	0	19.74	16	64	10	1556	1.4
1705.779	9	Q9NRL3	R.SLEINGAVEP S[166.9984]LEL 2	1.077	2.40E-04	0.002	0	43.32	20	43	2	753	0.92
1481.554	8	Q9NRX5	R.SDGSLEDGDC S[166.9984]DG 2	-0.833	0.022	0.002	0	19.22	15	19	1	453	1.53
1481.554	6	Q9NRX5	R.SDGSLEDGDC SDGS[166.9984] 2	-0.211	0.005	0.003	0	25.44	15	25	1	453	1.8
1659.726	8	Q9NRV4	R.TSFSVGSDDC TSFVGS[166.9 2	1.21	1.90E-04	0.003	0	42.65	18	49	2	1499	1.7
1210.51	7	Q9NRV4	K.NSLSDPNIDR. NS[166.9984]L 2	-0.044	0.003	0.001	0	30.11	18	50	2	1499	1.04
2208.835	14	Q9NRV4	K.AQNSGSGNG AQNSGSGNGSI[2 2	1.345	1.50E-04	0.003	0	41.99	16	66	3	1499	1.42
1942.748	9	Q9NS25	R.SVPCESNEAN S[166.9984]VP 2	2.134	2.10E-05	0.002	0	50.89	17	129	4	103	0.89
1862.782	6	Q9NS25	R.SVPCESNEAN SVP[160.0307] 2	-0.477	0.01	0.003	0	25.78	18	82	5	103	1.69
1848.772	14	Q9NS25	K.TMPETPTGDI TMPET[181.01 2	-0.642	0.013	0.002	0	24.13	18	82	5	103	1.28
2098.849	9	Q9NS25	K.RSVPCESENEA RS[166.9984]VI 3	0.807	0.005	0.004	1	27.4	17	68	4	103	2.01
1603.722	14	Q9NS25	K.RTSPPELVNDI RTS[166.9984] 3	1.291	3.50E-04	0.002	1	40.82	19	129		1	
1271.624	6	Q9NS25	K.TSSESTILVVR. TSES[166.9984] 2	-0.75	0.017	9.00E-04	0	24.04	19	51	0.74		
1961.831	14	Q9NS87	R.QLEHVMDSA. QLEHVMDSAE 3	0.209	0.019	0.002	0	22.46	18	22	2	1388	0.8
1367.584	7	Q9NS91	K.NDLQDTEISPI NDLQDTEIS[16 2	1.659	6.80E-05	0.002	0	47.14	18	47	2	495	1.21
1039.53	5	Q9NSK0	R.RSSELLVR.K RSS[166.9984] 2	-1.116	0.037	0.001	1	21.37	20	21	3	619	1.01
2093.856	15	Q9NTI5	K.RGHTASEDE RHGHTASESI[166 3	0.214	0.021	0.003	1	21.46	17	220	13	1447	1.25
1937.755	19	Q9NTI5	R.GHTASESDEC GHTAS[166.99 2	2.067	2.40E-05	0.001	0	51.22	18	220	13	1447	0.63
2036.81	11	Q9NTI5	R.AESPESAIES AES[166.9984] 2	1.299	1.60E-04	0.001	0	41.54	16	214	10	1447	0.6
1964.848	19	Q9NTI5	K.EDILENEDEQI EDILENEDEQNS 2	-0.194	0.005	0.001	1	28.61	18	220	13	1447	0.65
1874.759</													

2265	17	Q9NUE0	K.DCEYQOISPG DC[160.0307]E 3	0.747	0.006	0.004	0	27.81	18	28	2	388	1.57
1605.698	6	Q9NUL3	K.GSSPTPCSPA GSS[166.9984]I 2	-0.723	0.015	0.002	0	23.3	18	23	2	570	0.96
1604.677	8	Q9NUQ3	R.NLVSPPACTQ NLV[166.9984] 2	1.383	1.20E-04	0.001	0	45.38	19	45	3	528	0.86
1604.677	8	Q9NUQ3	R.NLVSPPACTQ NLVSPAYC[160] 2	-0.959	0.026	0.002	0	21.95	19	83	4	528	1.11
1604.677	6	Q9NUQ3	R.NLVSPPACTQ NLVSPAYC[160] 2	0.175	0.002	0.002	0	33.33	19	72	4	528	1.11
1353.568	11	Q9NUQ6	K.SQSGNEAEI SQSG[166.9984] 2	-1.101	0.04	0.004	0	19.54	18	20	1	558	2.6
2096	10	Q9NUQ9	R.INNVPAEAGEN INNVPAEAGENE 3	0.612	0.009	0.003	0	25.46	17	25	1	324	1.27
1523.71	8	Q9NV56	K.VLTANSNPSSI VLTANSNPS[16] 2	0.667	7.40E-04	0.003	0	37.2	18	37	1	204	1.78
1523.71	7	Q9NV56	K.VLTANSNPSSI VLTANSNPS[1] 2	0.29	0.002	0.003	0	33.44	18	33	1	204	1.78
1170.54	7	Q9NV11	K.TIETSPSLR.N TIETS[166.9984] 2	-0.915	0.026	0.003	0	21.38	18	21	2	1328	2.4
1729.655	6	Q9NVM6	R.QAQAESEI QAQAE[166.2] 2	0.49	0.001	0.003	0	33.45	16	33	1	304	1.74
2482.055	18	Q9NVR2	R.STQJENQHQE STQJENQHQGA 3	1.291	2.30E-04	-0.001	0	42.72	19	43	2	710	-0.39
3539.369	11	Q9NVU0	K.EEVPSEGEI EEPVS[166.998] 3	0.075	0.027	0.003	0	20.07	17	20	1	708	0.75
1445.583	16	Q9NVU7	K.YIIDSDEEPR YIIDS[166.998] 2	0.371	0.001	0.002	0	33.26	17	33	3	687	1.48
1146.511	4	Q9NW64	K.ATSTSDMLLK ATST[166.9984] 2	-0.486	0.011	0.002	0	23.67	16	24	1	420	1.4
1146.511	11	Q9NW64	K.ATSTSDMLLK ATST[181.014] 2	0.14	0.002	0.002	0	29.94	16	30	2	420	1.4
1561.642	11	Q9NW68	K.KGSSTDISEV KGS[166.9984] 2	1.325	1.60E-04	0.002	1	40.8	15	41	1	430	1.06
1561.642	9	Q9NW68	K.KGSSTDISEV KGSST[181.014] 3	-0.073	0.035	0.001	1	17.64	16	49	3	430	0.8
1679.651	13	Q9NW82	K.TMFAQVESDI TMFAQVES[16] 2	2.002	3.50E-05	0.002	0	49.57	17	50	4	654	1.25
4021.623	7	Q9NW97	R.QGEDLAHVQ QGEDLAHVQH 4	0.11	0.024	0.001	0	20.67	17	21	1	253	0.24
4021.623	11	Q9NW97	R.QGEDLAHVQ QGEDLAHVQH 4	-0.045	0.035	0.001	0	19.16	17	19	2	253	0.24
1405.655	9	Q9NWH9	K.SPGHMWLDL S[166.9984]PGI 2	2.159	3.50E-07	1.00E-04	0	71.28	19	81	9	1034	0.05
1338.557	6	Q9NWH9	K.DGQDAIAQSF DGQDAIAQSI 2	-0.205	0.005	0.003	0	27.5	17	81	9	1034	2.47
2272.926	6	Q9NWH9	K.DCELENQEAH DC[160.0307]E 3	0.017	0.035	0.003	0	19.51	17	77	10	1034	1.48
1140.509	6	Q9NWQ4	K.SPSSEWLV.R.T S[166.9984]PSS 2	0.45	0.001	1.00E-04	0	40.05	23	40	2	482	0.00
1935.734	7	Q9NWQ8	K.EGGEAEESAT EGGGEAEESATD 2	-0.006	0.004	0.003	0	27.49	15	27	1	432	1.51
1733.701	19	Q9NWQ8	K.ENDYESIDL ENDY[243.029] 2	1.676	6.00E-05	0.002	0	46.29	17	91	2	432	1.05
2641.141	19	Q9NWS9	K.TEPLGSPHP TEEPLGS[166.9] 3	0.442	0.013	0.002	0	25.76	19	26	1	450	0.81
2641.141	23	Q9NWS9	K.TEPLGSPHP TEEPLGSPHPS[3] 3	1.291	0.001	0.002	0	36.36	19	36	1	450	0.81
2641.141	19	Q9NWS9	K.TEPLGSPHP TEEPLGSPHPSG 3	0.597	0.009	0.002	0	27.33	19	27	1	450	0.81
2186.872	12	Q9NWX8	R.SEGEAEASA SEGEAEASAD 2	0.598	8.80E-04	0.002	0	35.53	17	36	1	329	0.96
2186.872	17	Q9NWX8	R.SEGEAEASA SEGEAEASAD 2	1.224	2.10E-04	0.002	0	41.77	17	41	1	329	0.96
2186.872	15	Q9NWX8	R.SEGEAEASA SEGEAEASAD 2	1.259	1.90E-04	0.002	0	42.14	17	42	1	329	0.96
1406.704	13	Q9NX40	K.KLENSPLGEAI KLENS[166.998] 2	2.159	8.40E-07	0.001	1	65.87	18	87	2	245	1.02
1278.609	6	Q9NX40	K.KLENSPLGEAI KLENS[166.9984] 2	0.791	4.60E-04	0.002	0	39.46	19	87	2	245	1.24
1655.684	9	Q9NX63	R.YSGAYGASV YS[166.9984]G 2	2.116	2.20E-05	0.002	0	51.71	18	52	1	227	1.26
1394.599	9	Q9NXC5	R.GFSQYGVSG GFSQYGVSGS[1] 2	-0.036	0.004	0.002	0	29.19	17	29	1	875	1.08
1394.599	13	Q9NXC5	R.GFSQYGVSG GFSQYGVSGSP 2	-0.237	0.006	0.002	0	27.18	17	27	1	875	1.08
2056.871	21	Q9NY27	K.NHSDSSTSEI NHSDSSTSESEV 2	2.159	4.50E-09	9.00E-04	0	90.05	19	101	3	417	0.41
2056.871	19	Q9NY27	K.NHSDSSTSEI NHSDSSTSESEV 3	1.342	8.80E-04	0.002	0	37.25	19	113	3	417	0.9
1866.755	6	Q9NY27	R.MNGVMFPGI MNGVMFPGN 2	-0.728	0.017	0.003	0	22.25	17	102	4	417	1.59
2093.885	9	Q9NY61	R.AGDRNSEDD AGDRNS[166.9] 2	2.159	2.10E-05	8.00E-04	1	51.79	17	52	2	560	0.41
1541.725	12	Q9NYB0	K.YLLGDAPVSP YLLGDAPVS[16] 2	2.172	8.00E-07	0.003	0	65.89	17	66	3	399	2.08
1294.561	7	Q9NYB9	R.NMAPPQSP NMAPPQSS[16] 2	-1.208	0.049	0.002	0	18.47	18	18	1	513	1.36
1384.568	8	Q9NYF3	R.SRSPQCDLDA SR[166.9984]C 2	-0.475	2.009	0.002	1	24.78	17	25	2	392	1.09
1909.809	19	Q9NYF8	K.DTFEHDPSI DTFEHDPSI 3	0.046	0.028	0.002	0	21.78	19	195	16	920	1.19
1989.775	14	Q9NYF8	K.DTFEHDPSI DTFEHDPSI 2	1.235	1.70E-04	5.00E-04	0	42.9	18	195	16	920	1.27
2001.687	10	Q9NYF8	K.FNDSGDDT FND[166.9984] 2	2.159	2.10E-08	0.001	0	77.07	13	195	16	920	0.63
1521.683	16	Q9NYF8	K.KAEGEQES KAEGEQES[1] 2	1.347	1.30E-04	0.002	1	44.02	18	195	16	920	1.06
1237.63	5	Q9NYF8	R.RIDISPTLR.K RIDIS[166.9984] 2	-1.165	0.049	0.002	1	19.9	19	195	16	920	1.21
1879.789	4	Q9NYF8	R.YSPSQNSPHI Y[243.029]SP 2	-0.606	0.012	-4.00E-04	0	23.49	17	195	16	920	-0.2
1411.629	8	Q9NYF8	K.DLFDYSPHL DLFYD[166.99] 2	0.997	3.20E-04	0.003	0	38.52	16	195	16	920	1.88
2001.796	7	Q9NYF8	K.NTPSQSHSI NTPSQSHS[16] 3	0.079	0.03	0.004	0	21.15	18	184	14	920	2.16
1301.589	3	Q9NYF8	K.STFREESPLR.I STFREES[166.9] 2	-1.145	0.043	0.002	1	19.13	18	220	15	920	1.82
1081.529	4	Q9NYF8	R.IDISPSTLR.K IDIS[166.9984] 1	0.319	0.005	0.001	0	30.69	20	203	17	920	1.2
1879.789	14	Q9NYF8	R.YSPSQNSPHI YS[166.9984]P 3	0.513	0.009	0.002	0	24.47	17	178	11	920	1.03
1989.775	12	Q9NYF8	K.DTFEHDPSI DTFEHDPSI 2	-0.021	0.033	0.003	0	20.13	18	203	17	920	1.43
1898.793	14	Q9NV10	K.SHSSPLNPOI S[166.9984]HS 2	-1.068	0.033	0.001	0	19.87	18	20	2	1048	0.66
1898.793	8	Q9NV10	K.SHSSPLNPOI SHSSPS[166.99] 2	-1.048	0.032	0.001	0	20.06	18	20	2	1048	0.66
1464.673	9	Q9NYM9	R.AOSPGAVEI AQS[166.9984] 2	1.397	1.20E-04	0.002	0	46.52	20	47	1	111	1.72
987.43	6	Q9NYQ8	R.VGASDGVFR VGAS[166.9984] 2	-0.514	0.01	0.001	0	25.41	18	25	2	4349	0.97
952.465	4	Q9NYV4	K.GSPVFLPR.K GS[166.9984]P 2	-0.563	0.011	9.00E-04	0	23.92	17	24	5	1490	0.95
903.334	4	Q9NYV4	K.ETETSEK E TETS[166.998] 2	-0.955	0.025	-0.001	0	16	13	25	6	1490	-1.19
2075.767	14	Q9NZ63	R.RGDSESEDE RGDSES[166.9] 2	0.831	4.20E-04	0.004	1	37.86	17	38	2	289	1.74
4665.891	11	Q9NZB2	R.SSPINPAQS QS[166.9984]PI 4	-0.074	0.037	-5.00E-04	0	16.62	15	17	2	1118	-0.11
1773.745	13	Q9NZC9	K.KPEEMPTACF KPEEMPTAC[1] 3	0.13	0.025	0.001	0	21.98	18	22	1	954	0.62
1922.766	10	Q9NZL4	K.LLQTCFSSPL LQTC[160.030] 2	2.159	3.40E-06	0.003	0	60.24	18	60	1	362	1.35
1364.657	7	Q9NZM1	K.GPVGTVSEAC GPVGTVS[166.] 2	0.271	0.002	0.002	0	33.24	18	33	2	2061	1.42
2101.928	17	Q9NZN5	K.SETIQDITDQ SETIQDITDQSL 2	1.592	8.60E-05	0.002	0	46.47	18	46	3	1544	0.75
1474.599	8	Q9NZN8	R.TNSMSSSLG TNSMSSSLG[5] 2	0.436	0.001	-2.00E-04	0	34.91	18	35	1	540	-0.12
2204.909	19	Q9NZT2	R.KVEEESPGD KVEEES[166.9] 3	0.817	0.006	0.002	1	26.49	16	76	6	677	0.88
2076.814	9	Q9NZT2	K.VEEEGSPGD VEEEGS[166.99] 2	2.159	1.50E-05	0.002	0	53.55	18	76	6	677	0.91
2142.909	15	Q9NZT2	R.SQDEAGGH SQDEAGGHG 2	-0.716	0.017	0.001	0	23.39	18	76	6	677	0.53
1377.605	7	Q9NZT2	R.SVEPQDAGPI S[166.9984]VE 2	-0.506	0.011	0.002	0	25.49	18	76	6	677	1.61
1573.624	7	Q9P035	R.WLDESAEM WLDES[166.99] 2	2.144	2.10E-05	0.003	0	50.99	17	51	1	362	2.18
1625.742	10	Q9P035	R.LESEGETL L[166.9984]E 2	1.773	5.10E-05	0.002	0	50.27	20	79	2	362	1.36
1727.75	15	Q9P040	K.VAHSKDPGST VAHSDKPGS[16] 3	0.692	0.007	0.002	0	28.24	19	28	1	249	1.36
1762.692	8	Q9P0J4	K.SENGENAPIY S[166.9984]EN 2	0.338	0.002	0.002	0	32.93	17	33	1	656	1.41
1586.702	9	Q9P0W5	K.TETSLDPLSP TETSLDPLS[16] 2	1.934	3.40E-05	0.002	0	49.89	18	50	1	487	1.44
1586.702	8	Q9P0W5	K.TETSLDPLSP TETSLDPLSPM 2	2.021	2.60E-06	0.002	0	61.07	18	61	1	487	1.44
2171.013	8	Q9P1Y6	R.EASPAQAQ EAS[166.9984] 2	-0.94	0.028	-2.00E-04	1	21.15	18	21	5	1649	-0.1
1884.91	16	Q9P1Y6	R.LPALGEAHV LPA[166.9984] 3	0.776	0.005	0.002	0	29.11	19	31	3	1649	1.03
1245.482	6	Q9P1Y6	R.ECSTSLER.I EC[160.0307]S 2	-0.271	0.006	0.003	0	25.84	16	33	4	1649	2.18
1031.492	7	Q9P206	K.GLAGPPASPG GLAGPPAS[166] 2	0.914	4.00E-04	5.00E-04	0	41.69	20	89	6	1035	0.46
2060.017	13	Q9P206	K.LQLERPVPSET LQLERPVS[166.] 3	0.462	0.01	0.002	0	24.94	18	81	8	1035	0.79
1171.514	4	Q9P206	R.FSSVSSPQR FSSVSS[166.99] 2	-1.123	0.046	4.00E-04	0	19.32	18	81	8	1035	0.32
1351.582	6	Q9P206	R.CSLHSASPASI C[160.0307]SI 2	-0.73	0.015	7.00E-04	0	23.25	18	81	8	1035	0.51
1772.													

1124.498	4	Q9P2R6	R.TSPINEDIR.S TS[166.9984]PI 2	-0.917	0.025	0.001	0	20.41	17	20	2	1566	0.87
3953.655	21	Q9UB85	R.CCPEQEEGES [160.0307]C[1 3	-0.051	0.034	0.005	0	19.85	18	20	1	411	1.3
3953.655	27	Q9UB85	R.CCPEQEEGES [160.0307]C[1 3	1.256	4.60E-04	0.005	0	38.51	18	39	1	411	1.3
1251.475	9	Q9UBC2	R.GSFGAMDDP GS[166.9984]F1 2	-0.013	0.003	0.002	0	28.42	16	28	5	864	1.62
1848.795	9	Q9UBF8	R.SVENLPECGIT S[166.9984]VEI 2	0.456	0.001	0.002	0	34.11	17	34	2	816	1.04
1060.482	7	Q9UBH6	K.YNQSILSR.R YNQSIS[166.99 2	-0.703	0.018	8.00E-04	0	24.5	19	24	2	696	0.79
1060.482	5	Q9UBH6	K.YNQSILSR.R YNQS[166.9984] 2	-0.88	0.026	8.00E-04	0	22.74	19	23	1	696	0.79
2763.904	23	Q9UBL3	K.DTLEGAGDTS DTLEGAGDTS'E 3	1.291	5.60E-05	0.001	0	47.38	17	47	3	628	0.51
1056.436	7	Q9UBM7	K.SLDGVTNDR.S [166.9984]DX 2	-0.895	0.024	4.00E-04	0	19.6	16	20	2	475	0.34
1571.553	10	Q9UDY2	R.GSYGSDAEIE GSYGS[166.99 2	2.159	4.90E-06	0.002	0	55.89	15	265	17	1190	1.2
931.356	6	Q9UDY2	R.SFSPEER.R SFS[166.9984]F 2	1.767	5.00E-05	5.00E-04	0	45.22	15	265	17	1190	0.56
965.376	5	Q9UDY2	R.AYSPEYR.R AYS[166.9984]J 2	-0.348	0.007	7.00E-04	0	23.07	14	265	17	1190	0.72
1318.542	11	Q9UDY2	R.GRSDQDYER GR[166.9984] 2	0.061	0.003	0.002	1	29.16	16	265	17	1190	1.28
1600.741	13	Q9UDY2	R.DNSPPPAFKP DNS[166.9984] 2	0.083	0.003	0.002	0	30.38	17	265	17	1190	1.39
1902.896	8	Q9UDY2	K.VQVAALQASF VQVAALQAS[1 2	2.159	8.80E-07	0.002	0	66.24	18	265	17	1190	1.16
1105.42	5	Q9UDY2	R.SIDQDYER.A S[166.9984]DC 2	0.265	0.002	3.00E-04	0	30.2	15	265	17	1190	0.24
2509.116	25	Q9UDY2	R.AASSDQLRDA AAS[166.9984] 3	0.557	0.009	0.002	1	24.92	17	170	13	1190	0.85
1328.527	9	Q9UDY2	R.SRSWEDSPEF SRS[166.9984] 2	-1.224	0.047	1.00E-04	1	18.3	18	138	17	1190	0.11
1408.493	12	Q9UDY2	R.SRSWEDSPEF SRS[166.9984] 2	-0.988	0.032	0.003	1	18.65	16	159	17	1190	2
1400.613	8	Q9UER7	K.SPMSLSLOISNI S[166.9984]PM 2	0.923	3.60E-04	0.002	0	38.76	17	602	3	740	1.44
1815.783	15	Q9UER7	K.DGDKSPMSSI DGDGS[166.99 2	0.766	5.40E-04	9.00E-04	1	37.21	17	59	3	740	0.49
2066.685	21	Q9UEW8	K.TEDGDWEVI TEDGDWEVS[ 2	2.159	1.40E-05	0.002	0	48.44	13	48	1	545	0.83
1451.667	10	Q9UEY8	K.IEEVLSPEGSP IEEVLS[166.99 2	0.111	0.002	0.004	0	30.66	17	31	1	706	2.89
1490.725	6	Q9UFC0	K.RPDDVPLSLF RPDVPLSL[1 2	2.159	1.80E-05	0.002	0	53.48	19	185	6	647	1.32
2437.07	15	Q9UFC0	R.ACASPASQVE AC[160.0307]A 2	2.159	5.60E-08	0.004	0	77.86	18	185	6	647	1.68
1183.524	6	Q9UGU0	K.ENDTVTISPK ENDTVTIS[166. 2	-0.703	0.015	0.002	0	23.52	18	24	2	1960	1.09
1152.566	7	Q9UGU5	K.ASSVGLVSPQ ASSVGLVLS[166. 2	-0.356	0.007	0.001	0	28.99	20	29	1	601	1.11
1803.755	11	Q9UGV2	R.THSTSSLSGSC THS[166.9984] 2	0.962	3.10E-04	3.00E-04	0	40.17	18	48	2	375	0.16
1803.755	8	Q9UGV2	R.THSTSSLSGSC THS[181.014] 3	0.574	0.009	0.002	0	25.06	17	48	2	375	0.94
1803.755	10	Q9UGV2	R.THSTSSLSGSC THS[166.99 3	0.31	0.017	0.002	0	22.44	17	29	2	375	0.94
1884.608	8	Q9UH62	R.YNDWSDDDC YNDWS[166.99 2	2.024	2.10E-05	0.002	0	48.44	14	48	1	379	0.87
1627.736	7	Q9UH86	R.ETPHSPGVED ETPHS[166.99 2	-0.223	0.006	0.001	0	28.32	18	85	6	759	0.6
1070.503	7	Q9UH86	R.QWTSLSLR.V QWTSLS[166.9 2	0.013	0.003	0.001	0	31.68	19	95	5	759	1.1
1169.509	5	Q9UH86	R.ASSLSESSPPK ASS[166.9984] 2	1.453	1.20E-04	0.001	0	44.08	17	57	4	759	1.08
1249.475	6	Q9UH86	R.ASSLSESSPPK ASS[166.9984] 2	-0.867	0.021	-8.00E-04	0	19.86	16	86	8	759	-0.61
1412.595	7	Q9UH86	R.SNTENLSQHF SNT[181.014]E 2	0.317	0.001	3.00E-04	0	32.71	17	110	6	759	0.2
1078.398	9	Q9UH87	R.MFSPMEEK.E MFS[166.9984] 2	-0.837	0.023	0.001	0	22.18	18	22	2	1163	0.96
1902.848	12	Q9UH87	K.VSPASSVDSN VS[166.9984]P 2	-0.188	0.004	0.001	0	29.7	19	36	4	1163	0.6
1897.822	11	Q9UH88	R.SFEVEEVETPI S[166.9984]FEV 2	2.159	1.70E-07	0.003	0	73.86	19	95	7	586	1.73
2053.923	8	Q9UH88	K.RSFEVEEVETI RS[166.9984]FE 2	0.839	4.40E-04	0.002	1	39.94	19	95	7	586	0.82
1024.471	7	Q9UH88	R.LGDSGSGPAK LGDS[166.99 2	0.009	0.003	0.001	0	30.63	18	158	7	586	1.12
2053.923	7	Q9UH88	R.SFEVEEVETPI S[166.9984]FEV 2	-1.053	0.036	7.00E-04	1	21.02	19	177	8	586	0.33
2685.182	18	Q9UHF7	K.ATEETGQAQI ATEETGQAQSG 3	1.291	1.80E-04	0.003	0	43.22	18	89	3	1281	1.05
1929.771	8	Q9UHF7	K.SPQESTGDPG S[166.9984]PQ 2	2.159	1.30E-06	0.003	0	62.61	16	89	3	1281	1.37
2786.128	27	Q9UHF7	K.SPQRAEADDI S[166.9984]PQ 3	0.203	0.02	0.002	1	22.39	18	23	5	1281	0.8
1595.67	9	Q9UHF7	R.GSNEEQVNG GSNEEQVNGS[ 2	-0.455	0.01	8.00E-04	0	23.98	16	69	3	1281	0.51
1902.848	13	Q9UHI6	R.ISLEQPPNGSI ISLEQPPNGS[1 2	-1.221	0.048	0.001	0	19.34	19	20	3	824	0.6
1260.533	5	Q9UHI6	K.YQESPIQIM YQES[166.99 2	-0.968	0.031	0.001	0	17.87	15	20	3	824	0.88
1902.848	10	Q9UHI6	R.ISLEQPPNGSI ISLEQPPNGSDT 2	-1.179	0.044	0.001	0	19.76	19	18	2	824	0.6
1420.599	11	Q9UHI6	K.SYLEGSDNQ SYLEGSS[166.9 2	-0.475	0.009	0.001	0	25.78	18	26	3	824	0.88
2086.892	19	Q9UHR4	K.TPASTPVSGTI TPASTPVSGT[1 3	0.464	0.013	0.003	0	24.96	18	73	2	511	1.25
2006.925	13	Q9UHR4	K.TPASTPVSGTI TPASTPVSGTPC 2	1.924	4.20E-05	0.002	0	49.77	18	99	3	511	0.86
1667.658	11	Q9UHR5	K.GGLVSDAYGf GGLVLS[166.99 2	2.021	6.90E-06	0.003	0	57.24	18	57	3	308	1.93
1809.772	8	Q9UHV7	R.KYSASSGGLC KYS[166.9984]V 2	2.172	3.40E-07	0.002	1	69.39	17	70	2	2174	0.87
1914.855	10	Q9UHV7	K.IEVDEGFCSPK IEVDEGFC[160. 3	0.041	0.027	0.002	0	21.76	19	84	3	2174	1.28
1406.62	7	Q9UHY1	K.TPTPEPAEVE TPT[181.014]PTP 2	-0.934	0.027	0.002	0	21.21	18	21	1	535	1.42
1406.62	7	Q9UHY1	K.TPTPEPAEVE TPT[181.014]PTP 2	-0.216	0.005	0.002	0	28.39	18	28	1	535	1.42
1368.604	8	Q9UI10	K.ASPSTAGETP AS[166.9984]P 2	-0.994	0.029	0.002	0	20.61	18	21	1	523	1.27
1846.804	9	Q9UIF9	R.AGDRGEMPC AGDRGEMPOS[ 2	-0.374	0.007	-0.002	0	26.81	18	27	4	1905	-1.14
1846.804	8	Q9UIF9	R.AGDRGEMPC AGDRGEMPOS[ 2	-1.058	0.035	-0.002	0	19.97	18	20	1	1905	-1.14
1944.85	13	Q9UIF9	K.ASPVTSAAA ASPVT[181.014 2	-0.786	0.021	0.002	0	22.67	18	44	4	1905	1.1
1630.584	9	Q9UIG0	K.DHTVSGDED DHTVS[166.99 2	2.159	1.10E-05	0.002	0	51.02	14	110	6	1483	1.01
1868.755	24	Q9UIG0	R.LAEDGEGDSE LAEDGEGDS[166 2	2.159	6.40E-07	0.003	0	67.2	18	110	6	1483	1.58
868.418	7	Q9UIG0	K.SLSGSPK.V SLS[166.9984]C 2	-0.618	0.014	-3.00E-04	0	26.37	20	110	6	1483	-0.29
1814.763	18	Q9UI14	R.LPSSSEMGS LPS[166.9984]S 2	1.596	8.50E-05	0.002	0	46.51	18	47	1	662	1.15
1814.763	13	Q9UI14	R.LPSSSEMGS LPS[166.9984] 2	1.203	2.10E-04	0.002	0	42.58	18	43	1	662	1.15
1641.712	9	Q9UI70	R.SLGLSGLGDD SLGLSLS[166.9 2	0.438	0.001	0.002	0	35.91	19	36	2	344	1.42
2296.028	18	Q9UIF2	R.QQTQQVQSP QQTQQVQSPVT 3	0.948	0.004	0.003	0	29.8	18	48	3	1139	1.17
1496.569	13	Q9UIF2	K.SPSQDNTDSY S[166.9984]PXC 2	0.712	6.30E-04	0.002	0	34.67	15	48	3	1139	1.31
1496.569	7	Q9UIF2	K.SPSQDNTDSY SPS[166.9984]C 2	-0.282	0.006	0.002	0	24.74	15	35	2	1139	1.31
2296.028	19	Q9UIF2	R.QQTQQVQSP QQTQQVQSPVT 3	0.596	0.009	0.003	0	26.29	18	35	2	1139	1.17
1822.637	7	Q9UIK0	R.GGASSCCCEE GGASSS[166.9 2	-0.286	0.006	0.003	0	23.69	14	24	1	312	1.77
1471.65	6	Q9UIJ6	R.AMSTTSSISPA AMSTTSSIS[16 2	1.277	1.50E-04	0.002	0	43.32	18	43	1	430	1
937.475	5	Q9UK58	K.SPISINVK.T S[166.9984]PIS 2	-0.861	0.02	7.00E-04	0	23.92	20	24	1	526	0.75
1705.743	22	Q9UK76	R.RNSSEASSGD RNS[166.99 3	1.291	6.20E-05	0.004	1	47.99	18	163	6	154	2.43
1705.743	16	Q9UK76	R.RNSSEASSGD RNS[166.99 3	1.291	2.90E-04	0.004	1	40.62	18	163	6	154	2.08
1657.718	8	Q9UK76	K.SSGREDLES S[166.9984]GI 3	0.628	0.008	0.001	1	25.62	17	117	6	154	0.72
1705.743	9	Q9UK76	R.RNSSEASSGD RNSSEASS[166. 2	0.092	0.002	6.00E-04	1	32.47	19	162	6	154	0.38
1549.642	9	Q9UK76	R.NNSEASSGDF NSS[166.9984] 2	2.274	1.50E-06	0.003	0	62.69	17	193	11	154	1.9
2060.878	7	Q9UK76	K.MASNIFGTPE MASNIFGT[181 2	-0.109	0.004	0.002	0	28.44	17	190	10	154	1.22
1705.743	13	Q9UK76	R.RNSSEASSGD RNSSEASS[166. 3	1.256	0.001	0.004	1	35.02	18	155	10	154	2.08
1549.642	9	Q9UK76	R.NNSEASSGDF NS[166.9984]SI 2	1.944	1.10E-06	0.003	0	64.22	17	162	6	154	1.9
1727.789	6	Q9UKA4	R.SVSPFLNPSV SVS[166.9984]F 2	0.355	0.001	0.002	0	34.1	18	52	4	1901	1.07
1200.53	7	Q9UKA4	R.EDSGLFSPIR.I EDSGLFS[166. 2	-1.019	0.032	0.002	0	20.34	18	24	6	1901	1.81
1352.577	9	Q9UKA4	K.SFSEDFVQSVI S[166.9984]FSE 2	0.485	9.50E-04	0.003	0	34.39	17	67	2	1901	2
1732.754	11	Q9UKES	R.QNSDPTSENF QNS[166.9984] 2	0.562	8.00E-04	5.00E-04	0	36.17	18	45	5	1360	0.31
1427.657	14	Q9UKES	K.SEGSPVLPHEI SEG[166.99										

1845.823	14	Q9UKT5	R.TTSREEVDEA TTS[166.9984]F 3	0.144	0.026	0.001	1	19.79	16	20	2	387	0.72
2197.877	10	Q9UKV3	K.LSEGSQPAEI LSEGS[166.998 2	2.159	6.50E-06	0.003	0	56.33	17	182	12	1341	1.26
2501.242	5	Q9UKV3	K.ASLVALPEQT ASLVALPEQT[1: 2	-1.044	0.039	0.004	0	18.11	16	181	12	1341	1.16
1706.749	15	Q9UKV3	K.GVPAGNSDTI GVPAGNS[166. 2	-0.31	0.006	0.003	1	27.45	18	182	12	1341	1.78
2501.242	9	Q9UKV3	K.ASLVALPEQT ASLVALPEQTAS 2	-0.617	0.014	0.004	0	22.38	16	182	12	1341	1.64
1578.654	23	Q9UKV3	K.GVPAGNSDTI GVPAGNS[166. 2	2.159	9.20E-07	0.002	0	66.11	18	182	12	1341	1.07
1270.52	6	Q9UKV3	K.TTSPLEEEER.I TTS[166.9984]F 2	0.7	5.70E-04	0.002	0	36.54	17	209	12	1341	1.15
2197.877	13	Q9UKV3	K.LSEGSQPAEI LS[166.9984]EC 2	2.127	2.20E-06	0.002	0	60.9	17	209	12	1341	0.81
882.408	6	Q9UKV3	K.SLSPGVSR.D SLS[166.9984]P 2	-0.735	0.015	7.00E-04	0	26.19	21	209	10	1341	0.84
1032.487	7	Q9UKV3	R.TAQVPSPPR.( TACVPS[166.99 2	-0.093	0.004	0.002	0	30.62	19	181	12	1341	1.86
976.486	7	Q9UKV5	R.VPLDLSR.L VPLDLS[166.99: 2	1.444	1.20E-04	9.00E-04	0	44.99	18	45	3	643	0.91
3352.492	19	Q9UKV5	R.SDSIRPALNSF SDSIRPALNSPV 3	0.326	0.014	0.001	0	23.62	18	24	2	643	0.28
1336.557	6	Q9UKV8	R.SASFNTDPYV SAS[166.9984]I 2	-0.882	0.016	0.002	0	23.76	18	24	1	859	1.19
1602.741	9	Q9UKX7	K.VAAEQTQSPSL VAAEQTQSPS[166.: 2	1.628	7.00E-05	0.002	0	47.83	19	56	2	468	1.13
1602.741	17	Q9UKX7	K.VAAEQTQSPSL VAAEQTQSPS[16 2	0.838	4.30E-04	0.002	0	39.93	19	40	2	468	1.13
2542.095	17	Q9UKX7	K.YLANIEQQHG YLANIEQQHGN 3	0.663	0.007	8.00E-04	1	26.95	18	56	2	468	0.3
1654.648	10	Q9UKY1	K.EEAGETSPAD EEAGETS[166.5 2	-0.769	0.02	0.003	0	21.86	17	22	1	873	1.54
1200.533	6	Q9UKY7	R.VQAMQISSE VQAMQISS[166 2	-0.456	0.01	0.001	0	23.99	16	24	1	258	0.84
2059.853	9	Q9UKY7	R.VQAMQISSE VQAMQISS[166 2	0.641	7.60E-04	0.002	1	37.96	19	47	2	258	0.81
2107.943	18	Q9ULF5	R.LNETELTDLEC LNETELTDLEGC 2	2.159	7.30E-07	0.002	0	66.64	18	67	1	831	0.92
2255.944	11	Q9ULH0	K.LPSDEDESGTI LPS[166.9984]C 2	0.776	5.30E-04	0.001	0	37.31	17	52	5	1771	1.51
1049.437	5	Q9ULH0	R.QMSFDLTK.L QMS[166.9984 2	-0.38	0.007	0.001	0	25.74	17	45	2	1771	1.23
2255.944	21	Q9ULH0	K.LPSDEDESGTI LPSDEDES[166. 2	-0.633	0.014	0.001	0	23.21	17	31	5	1771	0.51
2267.944	9	Q9ULH1	R.QEIDEDEDD QEIDEDES[166.9 3	0.776	0.005	0.003	0	29.08	19	29	3	1129	1.25
1693.768	9	Q9ULJ3	K.TEPSPLSDPS TEPS[166.998: 2	-0.661	0.013	0.003	0	23.94	18	54	4	1066	1.7
2401.117	9	Q9ULJ3	K.IQPLEPDSPTGI IQPLEPDS[166.: 3	0.272	0.019	0.004	0	23.06	18	54	4	1066	1.87
2401.117	7	Q9ULJ3	K.IQPLEPDSPTGI IQPLEPDSPT[18 3	-0.037	0.038	0.004	0	19.95	18	55	3	1066	1.87
1040.492	7	Q9ULJ5	K.TSSFHLLR.R TSS[166.9984]F 2	-0.476	0.009	0.001	0	26.79	19	27	1	1215	1.29
915.397	6	Q9ULM3	K.FLESPSR.S FLES[166.9984] 2	-0.921	0.025	9.00E-04	0	23.34	20	23	2	1422	1.04
1204.554	4	Q9ULM3	K.GGHMIAVSPG GHMIAVSP[16: 2	-1.051	0.031	0.002	0	18.03	16	18	1	1422	1.4
915.397	4	Q9ULM3	K.FLESPSR.S FLESPS[166.99: 2	-1.132	0.041	9.00E-04	0	21.22	20	21	1	1422	1.04
1995.848	17	Q9ULM3	R.RGSPSAAFFT RGS[166.9984] 3	0.118	0.027	0.002	1	21.53	18	22	2	858	0.94
2327.976	14	Q9ULM8	K.VSTLAGPSSDI VSTLAGPSS[16: 2	2.03	3.00E-05	0.002	0	50.83	18	58	2	2610	0.98
2327.976	9	Q9ULM8	K.VSTLAGPSSDI VSTLAGPSS[166. 2	2.134	2.40E-05	0.002	0	51.89	18	79	3	2610	0.98
2327.976	7	Q9ULM8	K.VSTLAGPSSDI VSTLAGPSSDD: 3	0.227	0.021	0.002	0	22.6	18	60	2	2610	0.64
1154.539	6	Q9ULU4	R.RISLSDMPR.S RIS[166.9984]L 2	0.023	0.003	6.00E-04	1	28.78	16	42	6	1186	0.49
1203.511	6	Q9ULU4	K.LNFDMTASPI LNFDMTAS[16: 2	-0.222	0.005	0.001	0	26.33	16	42	6	1186	1.14
2285.923	16	Q9ULU4	R.SPMSTNSSV SPMSSTNSSVHTI 3	0.033	0.033	-0.002	0	20.65	18	42	6	1186	-0.73
1198.479	10	Q9ULV4	K.NDQCYYDDIR.' NDQC[160.030 2	-0.603	0.012	0.001	0	24.51	18	25	1	474	0.9
1434.688	6	Q9ULW0	K.SSDQPLTPV: SSDQPLTPVPS[ 2	1.797	4.60E-05	0.002	0	49.52	19	50	2	747	1.39
2304.83	12	Q9ULX3	R.GEDVPEEEE GEDVPS[166.9: 2	2.159	7.80E-09	0.001	0	82.82	14	83	3	412	0.59
1999.828	7	Q9ULX3	R.KDSDDDGGG KDS[166.9984 3	0.309	0.014	0.003	1	24.43	19	85	2	412	1.46
1871.733	5	Q9ULX3	K.DSDSDDDGGG DSD[166.9984 2	-0.84	0.02	0.004	0	21.13	17	78	4	412	2.23
2301.003	16	Q9UM11	K.RSSPDGNDI RSS[166.9984]F 3	0.492	0.009	-0.001	1	27.24	20	27	1	496	-0.51
2498.156	8	Q9UMN6	R.GVLDLDRPGE GVLDLDRPGE: 3	0.238	0.016	0.002	0	24.72	19	25	2	2715	1.22
1728.818	20	Q9UMN6	K.RERPSPESP RERPSPESP[16: 3	0.953	0.004	0.002	1	30.88	19	66	3	2715	0.98
2096.87	8	Q9UMZ2	K.SGSLDSDFSOI SGSLDSD[166.9 2	0.668	6.90E-04	0.001	0	36.23	17	140	4	1314	0.67
1624.783	13	Q9UMZ2	R.QLSLEGGSLG QLS[166.9984]I 2	2.159	9.60E-06	0.003	0	57.12	19	140	4	1314	1.58
1898.809	8	Q9UMZ2	K.ETSFGSSENI ETSFGS[166.99 2	2.119	1.80E-05	0.002	0	52.64	18	53	1	1314	0.85
1794.852	10	Q9UMZ2	K.EEASPVLTSA EAS[166.9984 2	-0.914	0.024	0.001	0	20.41	17	140	4	1314	0.62
1898.809	7	Q9UMZ2	K.ETSFGSSENI ETSFGS[166.9 2	0.542	8.30E-04	0.002	0	35.97	18	36	2	1314	0.85
2096.87	8	Q9UMZ2	K.SGSLDSDFSOI S[166.9984]GSI 2	0.52	9.80E-04	0.001	0	34.73	17	106	4	1314	0.67
1225.571	6	Q9UN79	K.DJSLDSSPAK DJSLDSD[166.9 2	-0.154	0.004	0.002	0	29.01	18	29	2	622	1.76
1225.571	5	Q9UN79	K.DJSLDSSPAK DJSLDSD[166.99 2	-0.998	0.029	0.002	0	20.57	18	21	2	622	1.76
1951.941	10	Q9UN86	K.STTTPPAEPYV STT[181.014]PF 2	2.159	1.10E-05	0.001	0	54.71	17	55	1	482	0.65
1872.814	10	Q9UNE7	R.LGAGGGSPEH LGAGGGS[166. 3	-0.153	0.049	0.001	1	19.79	19	20	2	303	0.49
1872.814	12	Q9UNE7	R.LGAGGGSPEH LGAGGGS[166. 2	-1.047	0.037	9.00E-04	1	21.08	19	21	3	303	0.49
2270.879	18	Q9UNF1	K.HLDGEDGSS HLDGEDGSS[1 3	1.256	3.30E-05	0.002	0	48.09	16	48	1	606	0.77
1787.785	9	Q9UNL2	K.QQSEEDLLQ QQS[166.9984] 2	0.723	6.10E-04	5.00E-04	0	37.76	18	38	1	185	0.26
1115.477	8	Q9UNN5	R.TPSGFEFLER R TPS[166.9984]C 2	0.631	8.20E-04	0.001	0	35.86	17	36	1	650	1.2
1871.718	10	Q9UN51	R.QLLDSEEQE QLLDS[166.998 2	2.159	8.10E-06	0.002	0	55.38	17	70	2	1208	1.17
1452.625	12	Q9UN51	K.AGLASPEEED AGLAS[166.99: 2	0.07	0.002	0.002	0	32.25	19	70	2	1208	1.06
2816.142	15	Q9UNX4	K.GSSPGIQTDL GSSPGIQT[18 3	0.503	0.009	0.006	0	27.37	20	27	2	943	2.24
2816.142	20	Q9UNX4	K.GSSPGIQTDL GS[166.9984]SI 3	-0.034	0.032	0.006	0	22	20	22	1	943	2.24
2816.142	32	Q9UNX4	K.GSSPGIQTDL GS[166.9984]I 3	1.094	0.002	0.006	0	33.27	20	33	1	943	2.24
2085.848	15	Q9UNZ2	R.DIHQDQDEE DIHQDQDEEEI 3	1.291	3.00E-04	0.003	0	40.06	17	40	2	370	1.28
2036.822	10	Q9UP95	R.LESLYDEEDE LESLY[166.99: 2	2.159	2.40E-06	0.002	0	61.74	18	62	1	1085	0.91
1426.661	8	Q9UPN3	K.AFLAELEQNSI AFLAELEQNS[1 2	0.459	0.001	0.003	0	37.14	20	69	10	7388	2.14
1413.605	7	Q9UPN3	R.QGFSFSDVSI QGS[166.9984 3	0.234	0.002	0.002	0	32.89	18	69	10	7388	1.28
1569.706	6	Q9UPN3	K.RQGSFSDVSI RQGS[166.998: 3	0.387	0.015	0.001	1	24.21	18	70	10	7388	0.83
1134.421	9	Q9UPN3	K.SMDAMSPT SMDAMSPT[1 2	0.324	0.002	0.001	0	28.79	13	63	9	7388	0.91
1624.747	5	Q9UPN6	K.ETVQTTQSP ETVQTTQSP[1 2	0.329	0.002	-3.00E-04	0	32.84	17	33	2	1271	-0.17
1624.747	8	Q9UPN6	K.ETVQTTQSP ETVQTTQSP[166 2	1.089	2.90E-04	-3.00E-04	0	40.43	17	40	1	1271	-0.17
1911.577	6	Q9UPQ0	R.QTPSPDVLR QTPS[166.9984 2	-0.544	0.01	0.001	0	26.11	19	34	3	1083	1.07
1838.73	20	Q9UPQ0	R.GSSDGRGSD: GSSDGRGS[16: 3	0.271	0.018	0.001	1	22.06	17	25	3	1083	0.61
1838.73	9	Q9UPQ0	R.GSSDGRGSD: GS[166.9984]SI 3	-0.152	0.049	0.001	1	17.84	17	31	3	1083	0.61
1838.73	16	Q9UPQ0	R.GSSDGRGSD: GSS[166.9984]I 3	0.639	0.008	0.001	1	25.71	17	34	3	1083	0.61
1661.709	9	Q9UPQ0	R.ASVLDTMSA ASVLDTMSAG 2	-0.489	0.011	0.002	0	25.64	18	42	4	1083	0.96
2009.812	9	Q9UPQ9	K.DPEEFGWEEF DEEFGWEEPS 2	0.024	0.003	0.003	0	30.79	18	31	1	1833	1.65
1957.802	13	Q9UP56	R.LRPSTVDEEI LRPST[166.99: 2	-0.463	0.009	0.002	0	26.9	19	27	2	1923	1.22
1957.802	7	Q9UP56	R.LRPSTVDEEI LRPST[181.014 2	0.673	6.70E-04	0.002	0	38.29	19	38	3	1923	1.22
1465.551	9	Q9UP78	K.TGSGSPFAGN TGSGS[166.99: 2	-0.915	0.027	0.003	0	18.43	15	18	3	1303	2.01
2381.008	15	Q9UPU5	R.GGSTGGGGG GGS[166.9984 3	0.401	0.014	0.002	0	24.36	18	24	3	2620	0.84
2381.008	9	Q9UPU5	R.GGSTGGGGG GGS[181.014] 3	0.508	0.011	0.002	0	25.45	18	25	1	2620	0.84
1747.717	8	Q9UPW0	K.VTLYNTDQDK VTLYNTDQDGS 2	0.072	0.002	-1.00E-04	0	31.3	18	31	1	622	-0.04
808.396	5	Q9UPY5	R.LPSLGNK.E LPS[166.9984]I 2	-0.543	0.01	3.00E-04	0	26.12	19	26	1	501	0.35
1981.886	6	Q9UQ35	R.SGSSQELDVK SGSS[166.9984 2	0.16	0.002	7.00E-04	0</						



3012.35	17	Q9UQ35	R.HGSSPQPLAT1 HGSSPQPLATT 3	0.953	0.004	0.002	0	30.85	19	581	65	2752	0.84
1306.604	5	Q9UQ35	K.AQTPPPGLSIA AQT[181.014]P 2	-0.758	0.016	0.002	0	23.97	19	516	62	2752	1.25
1301.519	7	Q9UQ35	R.SVSPCNVESI SVS[166.9984]F 2	0.37	0.001	0.001	0	34.25	18	581	65	2752	1.04
2087.879	7	Q9UQ35	R.QGSTITSQAN QGSITS[166.99 2	0.636	6.80E-04	0.001	0	36.91	18	581	65	2752	0.65
2715.178	12	Q9UQ35	R.GEGDAPFSEF GEGDAPFSEPG 3	1.179	0.002	0.004	0	33.11	19	581	65	2752	1.46
2061.853	8	Q9UQ35	R.SGSSQELDVK SCS[166.9984] 2	-0.711	0.017	4.00E-04	0	23.44	18	516	62	2752	0.22
1826.795	21	Q9UQ35	K.THTTALAGRS THTTALAGRS[1 2	0.497	0.001	0.001	1	35.52	18	516	62	2752	0.77
1475.576	14	Q9UQ35	R.SCFESSDPDEL SC[160.0307]FF 2	1.13	2.60E-04	0.003	0	38.83	15	656	61	2752	1.84
1109.514	10	Q9UQ35	R.SRTSPAPWK SRTS[166.9984 2	-0.792	0.021	8.00E-04	1	21.63	17	581	65	2752	0.71
1117.493	6	Q9UQ35	R.SLSYSPVER R SLS[166.9984]Y 2	-0.154	0.005	0.001	0	30.01	19	549	60	2752	1.07
3092.316	15	Q9UQ35	R.HGSSPQPLAT1 HGSSPQPLATT 3	-0.152	0.049	0.002	0	19.83	19	549	60	2752	0.58
1293.512	7	Q9UQ35	R.SSSPVTELASR SS[166.9984]S 2	-1.002	0.034	0.001	0	17.53	15	549	60	2752	0.75
2007.913	6	Q9UQ35	R.QGSTITSQAN QGSITS[166.99 2	-0.687	0.016	0.002	0	23.68	18	475	53	2752	0.78
2243.98	8	Q9UQ35	R.QGSTITSQAN QGSITS[166.99 3	0.988	0.003	0.003	1	30.23	18	549	60	2752	1.36
2243.98	5	Q9UQ35	R.QGSTITSQAN QGSITS[166.99 3	-0.091	0.039	0.003	1	19.45	18	491	67	2752	1.36
2871.279	21	Q9UQ35	R.RGEGDAPFSEF GEGDAPFSEPG 4	-0.244	0.02	0.002	1	22.98	18	491	67	2752	0.68
2715.178	12	Q9UQ35	R.GEGDAPFSEF GEGDAPFSEPG 3	-0.137	0.044	0.004	0	19.99	19	507	66	2752	1.46
1350.616	12	Q9UQ35	R.SRTPPSPAPSQ SRTPPS[166.99 3	0.352	0.015	0.002	1	23.87	18	522	62	2752	1.08
2871.279	11	Q9UQ35	R.RGEGDAPFSEF GEGDAPFSEPG 4	-0.169	0.049	0.002	1	18.97	18	507	66	2752	0.68
1696.706	14	Q9UQ35	R.SSGHSSSELSP SSGHSSSELS[16 2	2.197	1.90E-05	-0.001	0	52.95	18	515	66	2752	-0.73
2084.755	11	Q9UQ35	R.DGSGTSPSRHS DGSST[181.01 2	-1.039	0.035	0.002	1	18.14	16	515	66	2752	0.75
2061.853	15	Q9UQ35	R.SGSSQELDVK SCS[166.9984 2	-0.37	0.008	4.00E-04	0	26.83	18	515	66	2752	0.22
979.508	5	Q9UQ35	R.SRSPLAIR R SRS[166.9984]F 2	-0.954	0.026	8.00E-04	1	20.99	18	604	65	2752	0.8
1350.616	5	Q9UQ35	R.SRTPPSPAPSQ SRT[181.014]PI 2	-1.144	0.042	0.002	1	19.09	18	604	65	2752	1.82
1776.672	14	Q9UQ35	R.SSGHSSSELSP SS[166.9984]GI 2	2.025	1.60E-05	0.001	0	51.88	16	604	65	2752	0.75
1350.616	11	Q9UQ35	R.SRTPPSPAPSQ S[166.9984]RTI 3	0.135	0.025	0.002	1	21.99	18	475	53	2752	1.08
1746.782	7	Q9UQ35	R.SSSPVTELASR SSS[166.9984]F 2	-1.091	0.037	0.002	1	20.63	19	522	62	2752	1.15
2871.279	17	Q9UQ35	R.RGEGDAPFSEF GEGDAPFSEPG 3	0.795	0.005	-4.00E-04	1	28.3	18	522	62	2752	-0.16
1301.519	8	Q9UQ35	R.SVSPCNVESI S[166.9984]VSF 2	0.092	0.002	0.001	0	31.46	18	522	62	2752	1.04
1696.706	15	Q9UQ35	R.SSGHSSSELSP SS[166.9984]GI 2	-0.016	0.003	0.003	0	30.37	18	481	65	2752	1.63
1099.449	7	Q9UQ35	R.SLSGSSPCPKI SLS[166.9984]C 2	1.38	1.30E-04	0.002	0	42.34	16	491	67	2752	1.42
1981.886	9	Q9UQ35	R.SGSSQELDVK SCS[166.9984] 3	-0.043	0.033	0.002	0	20.91	19	656	61	2752	1.15
1626.713	5	Q9UQ35	R.CRSPGMLER C[160.0307]RS 3	0.473	0.012	0.002	1	25.09	18	507	66	2752	1.01
1776.672	6	Q9UQ35	R.SSGHSSSELSP SSGHSSSELS[166.9 3	0.228	0.02	0.002	0	21.64	17	507	66	2752	1.09
2715.178	13	Q9UQ35	R.GEGDAPFSEF GEGDAPFSEPG 3	1.177	0.002	0.004	0	33.14	19	481	65	2752	1.46
1837.757	24	Q9UQ80	K.TAENATSGET TAENATSGETLI 2	-0.226	0.005	0.003	0	29.27	19	29	1	394	1.76
2339.055	8	Q9UQ88,P2112	R.GTSPRPPEG GTS[166.9984] 3	0.662	0.007	0.003	0	26.97	18	27	27	1.45	
1283.563	4	Q9UQ88,P2112	K.RDLSLEGELR RDS[166.9984] 2	0.121	0.002	0.002	1	32.79	19	55	55	1.17	
2339.055	21	Q9UQ88,P2112	R.GTSPRPPEG GT[181.014]SPI 3	1.256	7.10E-04	0.003	0	37.12	18	39	39	1.45	
2495.156	6	Q9UQ88,P2112	K.RGTSPRPPEG RGTS[166.9984 4	-0.025	0.035	0.003	1	20.32	18	39	39	1.16	
1101.482	7	Q9UQ88	K.SSSTGNLLDK SSS[166.9984]T 2	1.284	1.80E-04	0.001	0	42.39	17	60	4	552	1.05
1138.514	12	Q9UQ88	K.SLSPPPQSQSK SLS[166.9984]P 2	-0.715	0.016	0.002	0	22.4	17	40	3	552	1.34
2246.868	13	Q9UQ88	K.KGDVEGQSQC KGDVEGQSQC[16 2	2.119	4.20E-06	0.003	1	57.84	17	117	4	1217	1.21
2166.902	17	Q9UQ88	K.KGDVEGQSQC KGDVEGQSQC[16 2	1.291	7.60E-05	0.004	1	46.75	18	136	4	1217	1.82
2246.868	15	Q9UQ88	K.KGDVEGQSQC KGDVEGQSQC[166. 3	1.921	5.80E-05	0.003	1	46.76	17	136	4	1217	1.52
1242.525	6	Q9UQ88	K.ATISDEEIER C ATIS[166.9984] 2	1.697	6.80E-05	9.00E-04	0	46.52	17	47	1	213	0.71
1608.625	9	Q9UQ88	R.AGMTSSPDA AGMTSS[166.9 2	-0.962	0.026	0.002	0	19.93	17	38	2	794	1.38
1791.768	11	Q9UQ88	K.GGLTSEEDS GLLTSEEDS[166.9 2	0.466	0.001	0.002	0	35.21	18	38	2	794	1.38
1474.61	9	Q9Y232	R.TAVDGFQSES TAVDGFQSES[1 2	1.579	8.50E-05	0.003	0	45.34	17	45	2	598	1.81
1687.721	10	Q9Y248	R.TNLQPLESTQ TNLQPLESTQS[ 2	-1.07	0.037	0.001	0	18.85	17	19	1	185	0.78
3924.709	18	Q9Y261	K.AAAGAQAQSQ AAAGAQAQSQA 4	1.276	0.002	0.003	0	33.33	18	40	2	457	0.74
3924.709	37	Q9Y261	K.AAAGAQAQSQ AAAGAQAQSQA 4	1.629	7.40E-04	0.003	0	36.77	18	37	2	457	0.74
4004.675	20	Q9Y261	K.AAAGAQAQSQ AAAGAQAQSQA 4	0.435	0.012	0.002	0	23.92	17	40	2	457	0.52
4004.675	23	Q9Y261	K.AAAGAQAQSQ AAAGAQAQSQA 4	0.626	0.007	0.002	0	25.87	17	46	2	457	0.52
3924.709	30	Q9Y261	K.AAAGAQAQSQ AAAGAQAQSQA 4	1.701	6.10E-04	0.003	0	37.62	18	46	2	457	0.74
3924.709	18	Q9Y261	K.AAAGAQAQSQ AAAGAQAQSQA 4	0.117	8.10E-04	0.003	0	36.36	18	48	2	457	0.74
2430.93	10	Q9Y266	K.NGLSDSPGKC NGLSDS[166.95 3	1.291	1.80E-05	0.002	1	50.69	16	51	1	331	0.7
2356.027	20	Q9Y2D5	R.QAPPHIELSN QAPPHIELSNS 3	0.339	0.014	0.004	0	23.73	18	156	8	859	1.5
2083.954	22	Q9Y2D5	R.DALGDSLQV DALGDSLQV[166.9 2	1.903	3.60E-05	0.002	0	50.56	19	214	8	859	0.8
2095.929	12	Q9Y2D5	K.SPGALETPSA S[166.9984]PG 2	2.119	2.70E-06	0.002	0	62.23	19	156	8	859	0.92
1223.578	6	Q9Y2D5	R.QVLQSTQSPR QVLQSTQS[166 2	-0.197	0.005	0.002	0	29.58	19	140	8	859	1.4
1300.585	7	Q9Y2D5	R.TLSMIEEIER J TLS[166.9984]H 2	1.749	5.00E-05	0.002	0	46.04	16	140	8	859	1.77
2356.027	19	Q9Y2D5	R.QAPPHIELSN QAPPHIELSNS[ 3	0.396	0.012	0.004	0	24.31	18	175	8	859	1.5
1417.634	6	Q9Y2D5	K.DDDHGILDOF DDDHGILDOFSI 3	0.393	0.013	0.003	0	25.27	19	145	8	859	1.93
1112.498	6	Q9Y2F5	K.SISPEVASR F SIS[166.9984]P 2	-1.15	0.049	4.00E-04	0	20.05	19	20	5	2266	0.34
1157.491	9	Q9Y2F5	K.SELCSSPLGK J SELC[160.0307 2	-1.141	0.048	6.00E-04	0	18.14	17	20	5	2266	0.52
1281.536	6	Q9Y2F5	R.LDTGSPPETI LDTGS[166.998 2	-0.252	0.006	0.002	0	27.02	17	89	5	2266	1.14
4486.969	15	Q9Y2F5	R.ETTGSSSHASI ETTGSSSHASEP 4	0.117	4.80E-06	0.004	0	57.12	16	89	5	2266	0.95
1625.627	7	Q9Y2G3	R.SWSASDPFY SWS[166.9984] 2	1.336	1.50E-04	0.002	0	39.89	14	40	2	1177	1.49
2389.055	19	Q9Y2H0	R.QNSATESADS QNS[166.9984] 3	0.274	0.019	0.003	0	24.06	19	83	4	992	1.4
1481.667	7	Q9Y2H0	K.ANSWQLVETI ANSWQLVETI[1 2	2.159	5.60E-06	0.003	0	58.2	18	83	4	992	1.91
2389.055	13	Q9Y2H0	R.QNSATESADS QNSATESADS[1 3	0.019	0.034	0.003	0	21.53	19	919	4	992	1.4
2389.055	19	Q9Y2H0	R.QNSATESADS QNSAT[181.01 3	0.84	0.005	0.003	0	29.75	19	133	5	992	1.4
2389.055	6	Q9Y2H0	R.QNSATESADS QNSATES[166. 3	0.906	0.004	0.003	0	30.41	19	70	4	992	1.4
1781.832	7	Q9Y2H5	R.TKSPDDEVTV TKS[166.9984]F 2	-0.54	0.01	-0.004	1	25.15	18	57	2	1048	-2.31
1552.689	8	Q9Y2H5	K.SPTDDEVTPS SPT[181.014]DI 2	1.722	5.90E-05	0.002	0	47.75	18	48	2	1048	1.24
1552.689	13	Q9Y2H5	K.SPTDDEVTPS S[166.9984]PTT 2	1.948	3.50E-05	0.002	0	50.03	18	57	2	1048	1.24
1781.832	7	Q9Y2H5	R.TKSPDDEVTV T[181.014]KSP1 2	0.228	0.002	-0.004	1	32.83	18	67	3	1048	-2.31
1125.465	4	Q9Y2H6	K.MSSPSSPQK MSS[166.9984] 2	-1.029	0.035	0.002	0	19.24	17	19	1	1198	1.35
1256.588	8	Q9Y2I7	R.SASITNLSLR SAS[166.9984] 2	1.825	5.10E-05	0.002	0	48.8	18	49	1	2098	1.36
1922.86	14	Q9Y2I4	R.QAGAPGSS QAGAPGSSGS[ 2	2.024	2.60E-06	0.002	0	61.03	18	61	1	779	1.16
1157.52	7	Q9Y2I4	R.AASLDSVATS AAS[166.9984] 2	-1.107	0.04	4.00E-04	0	17.48	16	17	3	779	0.36
1603.71	9	Q9Y2K1	R.KSSTVEIAS KSST[166.9984]T 2	0.444	0.001	0.003	1	34.98	18	35	1	713	1.74
1603.71	15	Q9Y2K1	R.KSSTVEIAS KSST[181.014] 3	0.456	0.012	0.002	1	23.92	17	24	2	713	1.06
1791.802	9	Q9Y2K2	K.QLSADSAEAI QLS[166.9984] 2	1.183	2.20E-04	0.002	0	41.37	17	41	1	1263	1.29
1541.721	14	Q9Y2K5	K.SASTDLGTAD SAST[181.014]I 2	0.754	4.90E-04	0.003	0	39.09	19				

2283.957	14	Q9Y2X3	K.EEPLSEEEPC EEPSEEEPC[16	2	1.944	7.20E-06	0.002	0	56.52	18	154	10	529	0.88
2527.062	20	Q9Y2X7	R.HGSGADSDYI HGS[166.9984]	3	1.291	1.60E-04	0.003	0	44.15	19	44	3	761	1.33
2527.062	10	Q9Y2X7	R.HGSGADSDYI HGS[166.9984]	3	1.393	1.60E-05	0.003	0	54.29	19	54	3	761	1.33
2664.204	10	Q9Y320	K.AGDNPIEQOP AGDNPIEQOPV.3	0	0.863	0.005	0.003	1	27.97	17	34	2	296	1.27
2536.109	14	Q9Y320	K.AGDNPIEQOP AGDNPIEQOPV.3	0	0.2	0.019	0.002	0	22.34	18	39	2	296	0.85
2664.204	19	Q9Y320	K.AGDNPIEQOP AGDNPIEQOPV.3	0	0.517	0.011	0.003	1	24.49	17	24	2	296	1.27
2536.109	9	Q9Y320	K.AGDNPIEQOP AGDNPIEQOPV.3	0	0.352	0.014	0.002	0	23.86	18	34	2	296	0.85
2536.109	9	Q9Y320	K.AGDNPIEQOP AGDNPIEQOPV.3	0	-0.1	0.038	0.002	0	19.35	18	28	2	296	0.85
1958.684	8	Q9Y343	K.AESCGSFDET AESS[160.0307	2	2.159	2.90E-06	0.002	0	56.72	14	57	1	169	0.78
1549.536	8	Q9Y365	R.MGGAGGEGG MGGAGGEGGS[	2	0.447	0.001	-2.00E-04	0	30	13	30	1	291	-0.13
1302.558	9	Q9Y383	R.AMLDQLMGT AMLDQLMGT[S]	2	1.166	2.10E-04	0.002	0	42.21	18	42	1	392	1.95
1481.627	8	Q9Y388	R.EVQAEQSPSS EVQAEQSPSS[S]	2	-1.116	0.039	1.00E-04	0	19.39	18	19	2	322	0.09
2680.95	10	Q9Y389	K.DHFYSDDDA DHFYS[166.998	3	0.402	0.014	0.003	0	20.36	14	20	1	282	0.97
1946.677	9	Q9Y389	K.ESDGPDDSRP ESDGPDDSRPE[	2	-0.723	0.015	0.002	0	20.32	15	59	3	282	0.97
1946.677	6	Q9Y389	K.ESDGPDDSRP ESDGPDDSRPE[	2	-0.325	0.006	0.002	0	24.3	15	25	2	282	0.97
1946.677	12	Q9Y389	K.ESDGPDDSRP ESDGPDDSRPE[	2	-1.235	0.048	0.002	0	15.2	15	15	3	282	0.97
1206.6	11	Q9Y310	R.NLDFQDVLK NLDQDVLK	2	-0.141	0.005	0.002	0	29.12	18	29	1	505	1.66
1804.694	9	Q9Y3M8	K.KGDDSDDEDL KGDSD[166.998	2	1.455	1.10E-04	0.001	1	41.09	14	41	1	1113	0.69
1267.572	9	Q9Y3Q8	K.SPDPFGAVAA S[166.9984]PDI	2	0.506	0.001	0.002	0	35.61	18	36	1	395	1.47
1213.561	6	Q9Y3R0	R.RQSPPEEFK.G RQSP[166.9984]	2	-0.946	0.027	0.002	1	22.09	19	22	1	1128	1.94
1330.629	8	Q9Y3T6	R.FGSTLQDLEH FGST[181.014]	2	-1.033	0.032	0.002	0	21.21	19	21	1	480	1.87
2158.954	9	Q9Y3X0	K.EGAASPAPET EGAASPAPETPI	2	-0.69	0.016	0.002	0	23.65	18	24	2	531	1.17
1751.764	8	Q9Y446	R.AGGLDWPEA AGGLDWPEATI	2	-0.418	0.008	0.002	0	25.37	17	97	5	797	0.97
1133.487	6	Q9Y446	R.ADYDTLSR.S ADYDTLS[166.9	2	0.191	0.002	8.00E-04	0	34.46	20	97	5	797	0.69
1643.756	10	Q9Y446	R.LSSGFDIDIP LSS[166.9984]C	2	2.172	1.30E-07	0.002	0	75.12	19	115	4	797	1.27
1751.764	10	Q9Y446	R.AGGLDWPEA AGGLDWPEATI	2	1.09	2.40E-04	0.002	0	40.43	17	115	4	797	0.97
1074.429	7	Q9Y446	R.SAVDLSCSR.S [166.9984]AVI	2	-0.848	0.023	0.001	0	19.05	15	91	5	797	0.89
3214.349	7	Q9Y478	K.CSDVLSLSSP C[160.0307]SD	3	0.3	0.016	0.002	0	23.32	18	23	1	270	0.62
3214.349	14	Q9Y478	K.CSDVLSLSSP C[160.0307]SD	3	1.015	0.003	0.002	0	30.51	18	31	1	270	0.62
1212.551	9	Q9Y4A5	R.GLSVDSAEQV GLS[166.9984]	2	1.288	1.50E-04	4.00E-04	0	44.43	19	47	4	3859	0.36
1368.652	5	Q9Y4A5	R.GLSVDSAEQV GLS[166.9984]	2	-0.903	0.026	0.002	1	21.51	18	45	6	3859	1.71
1962.779	10	Q9Y4B5	K.REGPVGGESR REGPVGGES[16	2	0.076	0.03	0.002	1	19.1	16	25	2	1905	1.04
1806.677	5	Q9Y4B5	R.EGVPVGGESD EGVPVGGESD[1	2	-0.658	0.016	0.002	0	21.97	16	25	2	1905	0.97
1806.677	9	Q9Y4B5	R.EGVPVGGESD EGVPVGGES[16	2	-0.65	0.015	0.002	0	22.03	16	22	1	1905	0.97
3207.264	27	Q9Y4C8	K.DPAEPETVPD DPAEPETVPDG	3	0.521	0.011	-4.00E-04	0	24.55	17	26	3	960	-0.12
1250.614	10	Q9Y4D2	K.SPQQEILLR.S [166.9984]PSC	2	-1.009	0.029	0.001	0	21.46	19	21	2	1042	0.95
1285.582	8	Q9Y4E8	K.SPQASNFSTLU S[166.9984]PG	2	-0.903	0.023	0.002	0	22.52	19	52	2	981	1.64
3529.327	18	Q9Y4E8	K.GASAAITGPII GASAAITGPILES	3	1.291	3.60E-05	0.002	0	46.34	14	52	2	981	0.51
1525.679	11	Q9Y4F1	K.VSAGEPGSHF VSAGEPGSHPS[	2	0.005	0.003	-3.00E-04	0	30.6	18	31	3	1045	-0.19
1523.71	9	Q9Y4F1	R.LGAPENSIGS LGAPENSIGIST[	2	-0.373	0.007	0.002	0	27.82	19	46	4	1045	1.25
1433.646	10	Q9Y4F5	R.SPEPDGPAPA S[166.9984]PEF	2	0.487	0.001	0.002	0	35.42	18	35	6	1589	1.78
1708.67	8	Q9Y4F5	K.HEDGTQSDSE HEDGTQSD[166	2	-0.911	0.023	0.002	0	20.44	17	25	9	1589	1.19
1614.68	8	Q9Y4F5	R.AGSFTGTSP AGS[166.9984]	2	2.091	2.40E-05	-0.002	0	49.44	16	68	5	1589	-1.52
1454.595	6	Q9Y4F5	R.SQSFTSPSGI SQS[166.9984]	2	-0.922	0.025	0.002	0	21.31	18	24	6	1589	1.53
1392.627	10	Q9Y4H2	R.HNSASVENVS HNSAS[166.998	2	2.159	4.90E-06	0.001	0	57.42	17	125	3	1338	0.86
1392.627	10	Q9Y4H2	R.HNSASVENVS HNS[166.9984]	2	2.172	2.50E-06	0.001	0	60.25	17	151	4	1338	1
1975.839	11	Q9Y4H2	K.SSEGGVGVGI SSEGGVGVGPGC	2	2.159	1.10E-05	5.00E-04	0	54.86	18	125	3	1338	0.23
1089.498	5	Q9Y4H2	R.TYSLTTPAR.C TYS[166.9984]	2	-1.045	0.037	0.001	0	21.09	19	117	4	1338	1.19
1750.663	12	Q9Y4H2	K.ASSPAESSPET ASSPAESS[166.	2	0.992	3.00E-04	0.001	0	37.47	15	104	4	1338	0.6
1750.663	9	Q9Y4H2	K.ASSPAESSPET ASS[166.9984]	2	1.304	1.50E-04	0.001	0	40.59	15	87	4	1338	0.6
1657.736	6	Q9Y4I8	R.TQFEDLVPSF TQFEDLVPS[16	2	-1.037	0.037	0.002	0	19.18	17	19	2	743	1.47
1753.728	10	Q9Y4K1	K.STDSPGADA ST[181.014]DSI	2	1.974	3.60E-05	0.002	0	50.29	18	85	3	1723	1.26
2034.855	16	Q9Y4K1	K.DTVCQSPISST DTC[160.0307]	2	0.055	0.003	0.002	0	30.17	17	64	2	1723	1.06
1749.689	6	Q9Y4K4	R.ISSYPEDNFP I[166.9984]Y	2	-0.971	0.033	5.00E-04	0	19.84	17	71	3	846	0.3
2471.087	18	Q9Y4K4	R.ROSSPSPGVP RQS[166.9984]	3	1.291	2.40E-04	0.003	1	42.18	18	44	2	846	1.13
2471.087	12	Q9Y4K4	R.ROSSPSPGVP RQS[166.9984]	3	1.256	1.50E-05	0.003	1	54.31	18	54	2	846	1.13
2471.087	14	Q9Y4K4	R.ROSSPSPGVP RQS[166.9984]	3	1.205	6.80E-06	0.003	1	57.61	18	58	2	846	1.13
2087.874	7	Q9Y4W2	R.MEVGFSTGI MEVGFSTGTGE	2	1.562	8.20E-05	0.001	0	46.17	18	92	3	734	0.69
1639.696	16	Q9Y4W2	K.AQQEQEGS AQQEQEGS[1	2	0.007	0.003	0.003	0	30.62	18	94	3	734	1.7
2704.036	14	Q9Y4X0	K.LSSPPSPGSGC LSS[166.9984]	3	1.224	0.002	0.004	0	32.77	17	33	2	333	1.31
2932.232	9	Q9Y520	R.SVEDVRPHHT SVEDVRPHHT[1	4	0.671	0.007	0.004	0	28.28	19	105	6	2896	1.51
2171.872	14	Q9Y520	R.QRGSETDTE QRG[S[166.998	3	-0.02	0.031	0.002	1	20.14	18	69	6	2896	0.95
1191.566	5	Q9Y520	K.LPDLSPVENK LPDLS[166.998	2	1.781	5.70E-05	0.001	0	48.36	18	105	6	2896	1.2
1303.545	7	Q9Y520	R.SESSDFEVVPI SESS[166.9984]	2	-1.172	0.048	0.002	0	17.83	17	105	6	2896	1.19
2932.232	15	Q9Y520	R.SVEDVRPHHT S[166.9984]VE	3	1.127	8.60E-04	0.002	0	36.5	18	68	9	2896	0.52
1278.515	7	Q9Y580	R.SFSPENFQR SF[S[166.9984]S	2	-0.871	0.026	0.002	0	19.84	16	43	2	266	1.22
1309.528	6	Q9Y580	R.MNSVPLYADI MNS[166.9984]	2	-0.026	0.004	0.001	0	27.29	15	38	2	266	0.74
1278.515	5	Q9Y580	R.SFSPENFQR SFSS[166.9984]	2	-1.052	0.039	0.002	0	18.06	16	34	2	266	1.22
2406.99	19	Q9Y5B9	K.NEDEEEEE NEDEEEEEKE[	3	1.258	0.002	0.003	1	33.9	19	62	3	1047	1.4
1291.544	14	Q9Y5B9	K.DWDELEEEAI DWDELEEEAR	2	0.623	6.70E-04	0.002	0	37.78	19	60	3	1047	1.34
1017.485	5	Q9Y5B9	K.DEAEDLLGR.C DEAEDLLGR	2	-0.3	0.006	5.00E-04	0	27.53	18	41	4	1047	0.48
2061.732	10	Q9Y5J1	R.VQEHEDSGD VQEHEDS[166.]	2	0.085	0.003	7.00E-04	0	29.4	16	91	2	556	0.36
1981.766	20	Q9Y5J1	R.VQEHEDSGD VQEHEDS[166.]	2	2.172	1.30E-06	0.002	0	64.71	18	75	2	556	0.99
1218.54	7	Q9Y5K6	K.SVDFDSLTVR.S [166.9984]VDI	2	0.437	0.001	0.002	0	35.92	19	36	2	639	1.38
2528.104	25	Q9Y5Q9	K.GKLSAENPD GKLS[166.9984]	3	0.872	0.005	0.002	1	30.04	19	30	1	886	0.85
2300.908	13	Q9Y5S2	K.HSTPSNSNPN HSTPSNSNPNPC	3	1.291	7.20E-04	0.002	0	37.07	18	51	5	1711	0.99
2220.942	19	Q9Y5S2	K.HSTPSNSNPN HSTPSNSNPNPC	3	0.963	0.003	0.004	0	30.97	19	46	3	1711	1.98
2222.926	14	Q9Y5S9	R.MREDYDSVEI MREDYDSVEIQ	3	1.291	6.10E-05	0.001	1	47.93	18	65	3	174	0.46
2302.892	12	Q9Y5S9	R.MREDYDSVEI MREDYDS[166.	3	1.224	0.002	0.002	1	33.61	18	57	4	174	0.74
1005.367	6	Q9Y5S9	R.GFSGEEGSR.J GFGS[166.9984]	2	-0.215	0.005	0.001	0	23.4	13	47	3	174	1.27
2185.997	15	Q9Y608	R.RGSGDTSUUI RGS[166.9984]	2	2.159	2.90E-06	0.002	1	61.84	19	105	6	721	1.12
1529.659	16	Q9Y608	R.NSASATTPLS NSASATTPLSG	2	-0.548	0.012	0.002	0	24.07	17	105	6	721	1.22
1529.659	7	Q9Y608	R.NSASATTPLS NSASATTPLS[1	2	0.255	0.002	0.002	0	32.1	17	105	6	721	1.03
1529.659	10	Q9Y608	R.NSASATTPLS NSASATTPLSG	2	-0.35	0.008	0.002	0	26.05	17	76	5	721	1.35
2185.997	11	Q9Y608	R.RGSGDTSUUI RGS[166.9984]	2	1.193									

1803.718	10	Q9Y6M7	K.EDGRESPSYD EDGRES[166.9984]FA1 2	-0.334	0.007	0.002	1	26.2	17	26	3	1214	1.05
817.349	5	Q9Y6M7_Q6U8	R.SFADIGK.K S[166.9984]FA1 2	-1.071	0.034	9.00E-04	0	21.82	20	30			1.04
1917.841	17	Q9Y6Q9	K.TPHDILEDINA TPHDILEDINAS[ 3	-0.201	0.048	0.003	0	20.35	20	20	1	1424	1.63
1886.754	10	Q9Y6X9	R.SVAVSDEEEV SVAVS[166.998 2	2.159	4.10E-06	7.00E-04	0	59.06	18	67	5	1032	0.39
1029.549	4	Q9Y6X9	R.SPPLPAVIR.N S[166.9984]PPI 2	-0.476	0.01	0.001	0	25.79	18	67	5	1032	0.94

**A549 Cell Line, Treated with DMSO vs. 20uM TRC-794 for 12hrs**

Protein Uniprot ID for the parent protein  
 Gene HUGO gene name for the parent protein  
 Peptide identified phosphopeptide fragment  
 Phosphosite(s) specific phosphorylated residues from the peptide  
 p p-value (unadjusted) from Welch's 2-tailed t-test  
 FC mean fold change: TRC-794/DMSO  
 p.adj p-value adjusted for multiple hypothesis testing using the Benjamini-Hochberg method

Protein	Gene	Peptide	Phosphosite(s)	p	FC	p.adj
Q9NRG9	AAAS	FSPVLGR	S495	0.46773439	0.85079635	0.74813177
Q2M2I8	AAK1	VGSLTPPSSPK	T620,S624	0.36659475	1.2355	0.69754271
Q9NY61	AATF	AGDRNSEDDGVVMTFSSVK	S203	0.43737342	0.75041256	0.73338954
P33527	ABCC1	QLSSSSSYGDISR	S915	0.52657496	0.87462571	0.77967028
Q92887	ABCC2	NVNSLKEDEELVK	S938	0.95693876	1.02549298	0.98388755
O15438	ABCC3	QLSALSSDGEGQGRPVPR	S908,S911	0.19254379	0.64030612	0.57728191
O15438	ABCC3	QLSALSSDGEGQGRPVPR	S911	0.58993513	0.91674551	0.82197092
O15439	ABCC4	DNEESEQPPVPGTPTLR	T646	0.28106215	0.8191344	0.6455595
Q8NE71	ABCF1	QQPPEPEWIGDGESTSPSDK	T21	0.00269787	0.77501516	0.77314524
Q8NE71	ABCF1	QQPPEPEWIGDGESTSPSDK	S22	0.08327882	0.78600269	0.50397847
Q8NE71	ABCF1	GGNVFAALIQQDSEEEEEEEK	S140	0.26748191	1.54195968	0.6348778
Q8NE71	ABCF1	AEQGSSEEEGEGEEEEEGGESK	S228	0.37568613	0.81089067	0.7039516
Q8NE71	ABCF1	KAEQGSSEEEGEGEEEEEGGESK	S228	0.5937946	0.97087379	0.82293287
P08910	ABHD2	LQCSDTQEVEADLE	T417	0.12163071	16.8140994	0.53786538
Q9NYB9	ABI2	NMAPSQQSPVR	S227	0.13414795	0.71508265	0.5475768
P00519	ABL1	GQGESDPLDHEPAVSPLLPR	S569	0.95442891	1.0130009	0.98367301
P42684	ABL2	SPSSLLEDAK	S631	0.35231989	0.87977169	0.68437095
P42684	ABL2	DKSPSSLLEDAK	S631	0.81967146	0.96650845	0.93258953
O14639	ABLIM1	TLSPTPSAEGYQDVR	S431,S435	0.17683257	0.82421049	0.56898248
O14639	ABLIM1	SSGREDEEELLR	S587	0.38380314	0.77455292	0.70957373
O14639	ABLIM1	TASLPGYGR	S655	0.76756182	0.93756011	0.91280488
O14639	ABLIM1	TLSPTPSAEGYQDVR	S431	0.84388201	1.01693811	0.94383208
O14639	ABLIM1	STSQGSINSPVYSR	S452	0.85464371	0.97079757	0.94852754
Q13085	ACACA	FIIGSVSDNSEDEISNLVK	S29	0.14609644	2.52720527	0.55352644
Q13085	ACACA	SSMSGSLHLVK	S80	0.6357046	0.90399074	0.8428508
Q15057	ACAP2	SSPSTGSLDSGNEK	S384	0.13023577	1.1651483	0.54344847
Q9UKV3	ACIN1	LSEGSQAEEEEEDQETPSR	S240	0.06546099	0.73275109	0.48587858
Q9UKV3	ACIN1	GVPAGNSDTEGGQPRK	S838	0.19376826	1.20398912	0.57728191
Q9UKV3	ACIN1	LSEGSQAEEEEEDQETPSR	S243	0.2162419	0.83078394	0.60400413
Q9UKV3	ACIN1	TTSPLIEEER	S365	0.25157257	1.35638896	0.61962985
Q9UKV3	ACIN1	ASLVALPEQTASEEETPPPLTK	S410	0.26963557	1.32782464	0.63502787
Q9UKV3	ACIN1	LSEGSQAEEEEEDQETPSR	S240,S243	0.31417082	0.66201095	0.66321511
Q9UKV3	ACIN1	TAQVSPPPR	S1004	0.4598424	1.12514511	0.74160036
Q9UKV3	ACIN1	GVPAGNSDTEGGQPRK	S838	0.68483385	0.93611298	0.86760918
Q9UKV3	ACIN1	SLSPGVSR	S657	0.89517713	1.01778297	0.9622316
P53396	ACLY	TASFESRADEVAPAK	S455	0.77302143	0.92186707	0.91361901
P53396	ACLY	TASFESRADEVAPAK	S459	0.94734466	1.02133437	0.98213577
P60709	ACTB	SYELPDGQVITIGNER	S239	0.40561607	1.16432134	0.7160132
O43707	ACTN4	FAIQDISVEETSAK	S159	0.170057	1.42687018	0.56526141
P78536	ADAM17	SFEDLTDHPVTR	S791	0.24681664	1.47201781	0.61377267
Q13443	ADAM9	HVSPVTPPR	S758	0.46571113	1.36873593	0.74679609
P55265	ADAR	TAESQTPPTSATSFSGK	T601	0.31257184	0.62157464	0.66321511
P35611	ADD1	SPGSPVGEETGSPPK	S358	0.08757613	1.2716003	0.50672665
P35611	ADD1	EEEAHRPPSPTEAPTEASPEPAPDPAPVAEEAAPSVEEGAADPGSDGSPGK	S669,S710	0.1532438	0.79136423	0.56888781
P35611	ADD1	AAVVTSPPTTAPHK	S12	0.45467667	0.79349252	0.73892495
P35611	ADD1	EEEAHRPPSPTEAPTEASPEPAPDPAPVAEEAAPSVEEGAADPGSDGSPGK	S669	0.63543681	1.13636364	0.8428508
P35611	ADD1	EEEAHRPPSPTEAPTEASPEPAPDPAPVAEEAAPSVEEGAADPGSDGSPGKSPSK	S669,S716	0.78983537	0.9242177	0.92178686
P35612	ADD2	SRSPSTESQLMSK	S530	0.16384283	0.65316651	0.55979634
P35612	ADD2	TESVTSMPSPGEGSPSK	S693,S697	0.23926393	0.71762864	0.61121846
P35612	ADD2	ETAPPEEGSPAK	S592	0.84971869	0.98240136	0.94645687
Q9UEY8	ADD3	IEEVLSPGSPSK	S673,S677	0.27953405	0.7074493	0.6455595
Q9H2P0	ADNP	NVHSEDFENR	S98	0.02397135	0.69273286	0.41830815
Q9H2P0	ADNP	VIPEDASESEK	S921	0.42946574	0.88667096	0.73017801
Q9H2P0	ADNP	LMHNASDSEVDQDDVVEWK	S953	0.45147296	0.7458996	0.73811209
Q6ZNI8	AEBP2	RGSLEMSDDGPELSR	S206	0.02648423	0.57013889	0.41830815
Q6ZNI8	AEBP2	SLSPGAASSSSGDGDGK	S141	0.06128089	0.72155204	0.47702638
Q8N556	AFAP1	LSSERPSSDGEGVVENGITTCNGK	S283	0.00360839	0.23375786	0.28722668
Q8N556	AFAP1	KLSSERPSSDGEGVVENGITTCNGK	S277,S283	0.04675811	0.55194346	0.45625798
Q8N556	AFAP1	EAYSGCSPVDSECPSPSPVHK	S264	0.90602621	0.9808721	0.96653745
Q8N556	AFAP1	SGTSSPQSPVFR	S668	0.95691891	0.99474869	0.98388755
Q8N4X5	AFAP1L2	STSLPEVPR	T345	0.49261125	0.90576923	0.76351366
Q8N4X5	AFAP1L2	KFSEPNYIDGLPSQDR	S484	0.94532364	1.02753034	0.98175359
Q9UHB7	AFF4	VSPASSVDSNIPSSQGYK	S487	0.70446035	0.91816291	0.87860911
P52594	AGFG1	GTPSQSPVGR	T177,S181	0.39475029	0.80744102	0.71403973
Q8WYP5	AHCTF1	TTSFLNSPEK	S1283	0.01301754	0.53084208	0.39919401
Q8WYP5	AHCTF1	SPLYLVSR	S1142	0.08895148	0.71723617	0.5099787
Q8WYP5	AHCTF1	LPISDPPDTQEIHVIEQEK	S1513	0.1374433	1.34574034	0.54797298
Q8WYP5	AHCTF1	EHQEMDEGSQLEK	S1297	0.34051879	0.71825586	0.67842858
Q8WYP5	AHCTF1	NLSFNELYPSTLK	S1541	0.65848102	0.92753594	0.85416521
Q09666	AHNAK	VDIDTDPIDIHPEGK	T4100	0.06855218	0.48328376	0.49083932
Q09666	AHNAK	LPSGGAASPTGSAVDIR	S216,S220	0.08624071	0.50517216	0.50426655

Q09666	AHNAK	GGVTGSPEASISGSK	S5735	0.09032987	0.14297357	0.51018936
Q09666	AHNAK	DDGVFVQEVQTQNSPAAR	S41	0.11450637	0.63519553	0.53343618
Q09666	AHNAK	ISMSEVDLNVAAPK	S570	0.1168826	0.58240274	0.53343618
Q09666	AHNAK	ADLDVSGPK	S3054	0.12304685	0.65651998	0.5389189
Q09666	AHNAK	LPSGSGAASPTGSAVDIR	S212	0.1250553	1.49739176	0.5401424
Q09666	AHNAK	MPEMSJK	S1445	0.13305986	0.51752299	0.5475768
Q09666	AHNAK	GDLASVPSMK	S5321	0.15731873	0.48246609	0.55688781
Q09666	AHNAK	ASLGSLEGEAEAEASSPK	S5752	0.21050938	1.23129021	0.59719466
Q09666	AHNAK	ASLGSLEGEAEAEASSPK	S5749	0.27025279	1.2445946	0.63502787
Q09666	AHNAK	LPSGSGAASPTGSAVDIR	S210	0.27529944	1.37368501	0.64019666
Q09666	AHNAK	SEDGVEGDLGETQSR	S135	0.28814337	0.71509648	0.65115864
Q09666	AHNAK	FGTFGGLGSK	S5830	0.28922768	0.64457949	0.65205353
Q09666	AHNAK	LQGSVSLASK	S5857	0.3009055	0.73924324	0.65817287
Q09666	AHNAK	GDRSPEPGQTWTR	S93	0.33828917	1.1464061	0.67736506
Q09666	AHNAK	AEAPLPSPK	S5110	0.3473142	0.79668813	0.68170331
Q09666	AHNAK	DIDISSPEFK	S177	0.34854148	0.9074819	0.68327828
Q09666	AHNAK	GSEVGFHGAAPDISVK	S5530	0.35162194	0.67238003	0.68418829
Q09666	AHNAK	ASLGSLEGEAEAEASSPK	S5752,S5763	0.42553894	0.83194589	0.7291324
Q09666	AHNAK	GKFSLFK	S5769	0.4343339	0.65938743	0.73182286
Q09666	AHNAK	FGTFGGLGSK	T5824	0.4409174	0.75223259	0.73571682
Q09666	AHNAK	LPSGSGAASPTGSAVDIR	S216	0.45485508	0.74240533	0.73892495
Q09666	AHNAK	GGVTGSPEASISGSK	S5731	0.49583415	1.09130264	0.76439249
Q09666	AHNAK	MPSLEISAPK	S4908	0.51200736	1.27136665	0.77271948
Q09666	AHNAK	LPSGSGAASPTGSAVDIR	S210,S216	0.53912203	0.88769326	0.78808839
Q09666	AHNAK	LKSEDEGVEGDLGETQSR	S135	0.553234	0.89820579	0.79781836
Q09666	AHNAK	VSVGAPDLSLEAEGSIK	S5400	0.60792112	1.20469973	0.82983763
Q09666	AHNAK	EVFSSCSSEVVLSGDDDEEYQR	S115	0.69233142	1.08929491	0.8717114
Q09666	AHNAK	ASLGSLEGEAEAEASSPK	S5763	0.79807933	1.02675277	0.92420484
Q09666	AHNAK	ISMQDVDSLGLSPK	S511	0.80195907	0.91922914	0.92455018
Q09666	AHNAK	GHYEVTGSDDETGK	S5841	0.89437048	0.9939577	0.96166467
Q8IVF2	AHNAK2	DAHDDVSPSTDTTEAQLTVER	S294	0.00314978	1.27739464	1.07114524
Q8IVF2	AHNAK2	SKSTEDGAELEEQK	T5715	0.08349466	1.83891956	0.50397847
Q8IVF2	AHNAK2	LGFSSSPTK	S5707	0.1227945	0.75965665	0.5389189
Q8IVF2	AHNAK2	SKSTEDGAELEEQK	S5714	0.14783848	1.52594325	0.55352644
Q8IVF2	AHNAK2	ERLSWPK	S260	0.18302858	1.22835991	0.57200583
Q8IVF2	AHNAK2	LSTSGFEWSSK	S4634	0.18687153	0.66820584	0.57474321
Q8IVF2	AHNAK2	IPSLGWSPSK	S593	0.26593613	0.65299495	0.63400981
Q8IVF2	AHNAK2	VQMPSLK	S1253	0.31918278	0.79586086	0.66811614
Q8IVF2	AHNAK2	LSTSGFEWSSK	S4642	0.59139164	0.80702505	0.82284423
Q8IVF2	AHNAK2	VQMPSFK	S1583	0.59955212	0.84648541	0.82561275
Q8IVF2	AHNAK2	LPEGPLPEGASLK	S753	0.60219184	0.85240888	0.82726314
Q8IVF2	AHNAK2	LQMPSFK	S1418	0.62588448	0.81990521	0.8387339
Q8IVF2	AHNAK2	DAHDDVSPSTDTTEAQLTVER	S294,S297	0.79670415	1.07868649	0.92373279
Q8IVF2	AHNAK2	LPEGPVPEGASLK	S4046	0.82100351	1.06944051	0.93321117
Q8IVF2	AHNAK2	VDMPSFK	S1913	0.82510043	0.93105124	0.93589378
P02765	AHSG	CDSSPDSAEVDRK	S138	0.22765863	1.9975546	0.6080317
Q96IF1	AJUBA	LEPTAPALSPR	S119	0.79910044	1.0410685	0.92445479
Q92667	AKAP1	SESSGILNPTDMR	S105	0.59312832	0.93856604	0.62844423
O43572	AKAP10	QSSLAEPVSPSK	S187	0.48725698	0.91088479	0.75953527
Q9UKA4	AKAP11	SFSEDFVQSK	S158	0.18952895	0.55351828	0.57509931
Q02952	AKAP12	RGGGDDEESGEHTQVPADSPDSQEEQK	S554	0.03415756	2.47784463	0.43874459
Q02952	AKAP12	LTASEQAHPQEPAESAEHRLSAEYK	S371	0.03513924	1.89461883	0.43874459
Q02952	AKAP12	ETGTDGILAGSQEHDPGQSSSPEQAGSPTEGEGVSTWESFK	S743	0.04819485	3.07205434	0.45625798
Q02952	AKAP12	REQSHAIESPPAESGQAVEECK	S248	0.04978076	1.62921186	0.45652016
Q02952	AKAP12	RPSESDKEDLDK	S627	0.07125775	1.78130217	0.49571338
Q02952	AKAP12	ETCVSGEDPTOGADLSPDEK	S483	0.16841401	1.70212945	0.56312413
Q02952	AKAP12	ETGTDGILAGSQEHDPGQSSSPEQAGSPTEGEGVSTWESFK	S761	0.21410563	2.14771306	0.60145169
Q02952	AKAP12	SAESPTSPVTSETGSTFK	S283	0.29408729	0.83953478	0.6555018
Q02952	AKAP12	EGVTPWASFK	S612	0.33361338	1.15013902	0.67622969
Q02952	AKAP12	GESSASSPEEPEITCLEK	S568	0.34046642	1.18511867	0.67842858
Q02952	AKAP12	SAESPTSPVTSETGSTFK	S286	0.50197292	1.13636364	0.76563097
Q02952	AKAP12	RGGGDDEESGEHTQVPADSPDSQEEQK	S557	0.71958361	1.03982017	0.88953552
Q02952	AKAP12	GLAEVQQDGEAEEGATSDGEK	S598	0.7870551	1.04490378	0.92069713
Q02952	AKAP12	EVSSLEGSPPCLQGEAEVCTK	S1395	0.80284047	1.03175896	0.92467356
Q12802	AKAP13	SGSLDSELSVSPK	S2728	0.06697065	0.77870276	0.49083932
Q12802	AKAP13	DMAECSTPLPEDCSPHSPR	T2400,S2398	0.11465704	0.71042922	0.53343618
Q12802	AKAP13	LSSSEETESTQCCPGSPAQTESPCDLSSIVEEENTDR	S345	0.20073295	1.27685491	0.58192278
Q12802	AKAP13	SLSPFR	S1559	0.22606879	0.85944067	0.6080317
Q12802	AKAP13	SLSRPSLIEQEK	S2563	0.44784062	0.76029793	0.73811209
Q12802	AKAP13	KGEEVPAPIVDSGTVDQDQSLPDCGVK	S395	0.7582051	1.05359967	0.90833103
Q12802	AKAP13	QSPCECNFLDVGLGR	S1411	0.81762331	0.94586857	0.93149014
Q12802	AKAP13	GPEGQSQAPASTSASTR	S2770	0.83527062	0.885048	0.9396472
Q9Y2D5	AKAP2	SPGALETSPAAGSQGNTASQGK	S393	0.52001077	0.89209402	0.77620221
Q9Y2D5	AKAP2	TLSMIEEIR	S720	0.69314877	0.87774038	0.87196791
Q9Y2D5	AKAP2	QVLQSTQSPR	S748	0.77183391	0.94933128	0.91329931
Q9Y2D5	AKAP2	DALGDSLQVPVSPSSTSSR	S152	0.91233213	1.02670433	0.96699909
Q96B36	AKT1S1	SSDEENGPPSPDLDR	S211	0.31061606	0.86127168	0.66197301
Q96B36	AKT1S1	LNTSDFQK	T246	0.80087954	0.8909224	0.92455018
P04075	ALDOA	LQSIGTENTEENR	S46	0.24673295	1.50357543	0.61377267
P04075	ALDOA	GILAADESTGSIK	S36	0.34097504	1.11521695	0.67842858
Q92685	ALG3	SGSAAQAEGLCK	S13	0.17621203	1.2168344	0.56898248

Q6P6C2	ALKBH5	SYESSEDCSEAAGSPAR	S371	0.11412975	1.41338141	0.53343618
Q6P6C2	ALKBH5	SYESSEDCSEAAGSPARK	S384	0.12362086	1.38205047	0.53975675
Q6P6C2	ALKBH5	SYESSEDCSEAAGSPAR	S375	0.37698554	0.79709107	0.70397848
Q6P6C2	ALKBH5	RGFSFSENYWR	S361	0.64195843	1.10181311	0.84611743
Q6P6C2	ALKBH5	RGFSFSENYWR	S363	0.80285757	0.96604615	0.92467356
Q6P6C2	ALKBH5	YQEDSDPERSDYEEQLQK	S64,S69	0.84543403	0.9447983	0.94461198
Q6P6C2	ALKBH5	YQEDSDPERSDYEEQLQK	S64	0.94685546	0.98727343	0.98213577
Q9C0C7	AMBRA1	LELSSASPOEER	S639	0.00204569	0.53412757	0.27314524
Q9UKV5	AMFR	SDSIRPALNSPVERPSSDQEEGETSAQTER	S522	0.01458314	0.40430309	0.41362115
Q9UKV5	AMFR	SDSIRPALNSPVERPSSDQEEGETSAQTER	S523	0.02619936	0.42734619	0.41830815
Q9UJX6	ANAPC2	TDPASLETGQDSEDDSGEPEDWVPDPVDADPGK	S470	0.33722485	1.56469832	0.67736506
Q9UJX5	ANAPC4	EEVLSESEAEHQQAALAPEIVIK	S777	0.03478771	2.28884788	0.43874459
Q8IWZ3	ANKHD1	GGGAGGNSDNDLSDTDCNSESSGGK	S1593	0.34137232	0.91419055	0.67842858
Q9P2G1	ANKIB1	GVAPADSPPEAR	S737	0.85102573	0.94772707	0.94652762
O75179	ANKRD17	NSPLDCGASPNK	S2067	0.01539427	0.53551575	0.41830815
O75179	ANKRD17	EHYVPVSSPSPPAQPGGVSR	S2041,S2047	0.06314761	0.54550066	0.47702638
O75179	ANKRD17	EHYVPVSSPSPPAQPGGVSR	S2045,S2047	0.30071039	0.76100688	0.65817287
Q92625	ANKS1A	SPSFASEWDEIEK	S663	0.15870687	1.26785728	0.55688781
Q92625	ANKS1A	SDSDLTCSPTEDATMGSR	S628	0.18820332	0.59384841	0.57474321
Q6ZW76	ANKS3	DVTSPINER	S320	0.72823504	1.06719674	0.89429861
Q9NQW6	ANLN	RCSDNTEVEVSNLENK	T75	0.00292708	0.43410909	0.27314524
Q9NQW6	ANLN	QPLSEASNQQLSLSGEEEK	S54	0.02347062	0.57222222	0.41830815
Q9NQW6	ANLN	TQSLPVTEK	S485	0.08788058	0.55082567	0.50672665
Q9NQW6	ANLN	TPISPLK	S323	0.1404345	0.69083124	0.54797298
Q9NQW6	ANLN	AESGDSLGSERDRLLYSIDAYR	S661	0.52109558	1.42292441	0.77620221
Q9H6X2	ANTXR1	EVPPPPAESEEEEDDGLPK	S362	0.47405797	1.11272222	0.75168308
P04083	ANXA1	GGGSAVSPYPTFNPSDDVAALHK	S37	0.57565759	1.45330278	0.81432655
P07355	ANXA2	GLGTDEDSLIEICSR	S127	0.09117625	2.6047759	0.51141856
P07355	ANXA2	LSLEGDHSTPPSAYGSVK	S12	0.09157289	1.77281889	0.51218258
P07355	ANXA2	GLGTDEDSLIEICSR	T123	0.13384737	2.65164204	0.5475768
P07355	ANXA2	LSLEGDHSTPPSAYGSVK	S26	0.63632292	0.78256297	0.8285808
O00203	AP3B1	NFYESDDQK	S276	0.96262967	1.0062439	0.98552217
O14617	AP3D1	HRPSEADEELAR	S658	0.88348753	0.954364	0.95803874
Q99767	APBA2	SASQDCIETTPGAQEGK	S478	0.02798667	0.63246727	0.42460836
P25054	APC	QASSDSDSLSLK	S2129	0.22380595	0.69992526	0.6080317
P25054	APC	SKTPTPPQTAAQTK	T1438	0.82863417	0.96457971	0.9364171
P13798	APEH	ALDVASDDEIAR	S187	0.38814	1.06022538	0.71060254
Q9HDC9	APMAP	RPLRPQVVTDDDGQAPEAK	T19	0.12520402	0.6947269	0.5401424
P10398	ARAF	GGSDGTPRGSPSPASVSSGR	T253,S257	0.31185854	0.74672867	0.66201195
Q8WWN8	ARAP3	SLDQPLFK	S1444	0.19757465	1.57927462	0.58169594
P84077	ARF1	LGLHSLR	S147	0.23341048	0.77873794	0.6080317
Q8N6T3	ARFGAP1	SPSSDWTCACTSTER	S343	0.00916566	1.80621118	0.37254089
Q8NGH7	ARFGAP2	HGTDLWIDNMSSAVPNHNSPEK	S146	0.29095324	2.00857037	0.65205353
Q8NGH7	ARFGAP2	AISSDMFFGR	S432	0.4629333	2.21502909	0.74438607
Q8NGH7	ARFGAP2	DNPFSLGESGSR	S368	0.94017373	1.02612512	0.97922223
Q9Y6D6	ARFGEF1	SVDIHDSIQPR	S1569	0.43075636	0.86046977	0.73034023
Q9Y6D6	ARFGEF1	LSVSSNDTQESGNSSGSPGAK	S394	0.70065703	0.908655	0.87594502
Q9Y6D5	ARFGEF2	GQSQLSNPTDDSWK	S1528	0.22869207	0.90166028	0.6080317
Q9Y6D5	ARFGEF2	GSSLSGTDGGAQEVVK	S277	0.57714076	0.89104243	0.81432655
P53367	ARFIP1	NSAAEIPVTSNGEVDDSDREHSFNR	S24	0.31119521	1.20120606	0.6619866
Q07960	ARHGAP1	SSPELVTHK	S51	0.88122503	1.02131148	0.95761744
Q8IWW6	ARHGAP12	TSFSQEQSCDSAGEGSR	S201	0.03780095	0.75370526	0.44815912
Q8IWW6	ARHGAP12	ATTPPNQGRPDSPPYANLQELK	T231,S240	0.07315455	0.77814208	0.49843227
Q8IWW6	ARHGAP12	IHQDSESGDELSSSTEQR	S215	0.94890628	0.99005356	0.98215506
Q68EM7	ARHGAP17	AESSSGGTVPSSAGILEQGPSGDPGSPKPK	S575	0.46835963	1.33023975	0.74815888
Q5T5U3	ARHGAP21	KDSSSEVFSDAAK	S923	0.07159259	0.73293769	0.49571338
Q5T5U3	ARHGAP21	AQPSSSEDELNDVFFK	S1431	0.10953691	1.07969502	0.53343618
Q5T5U3	ARHGAP21	RNSEGSELSCTEGLTSSLSR	S1671	0.53563689	1.14172128	0.78666672
Q5T5U3	ARHGAP21	LRTSTSDLSR	S1862	0.57725836	0.87222354	0.81432655
Q6ZUM4	ARHGAP27	SSQDGDTPAAQSPPEEK	S466	0.08152089	0.66150822	0.50397847
Q52LW3	ARHGAP29	IEEDRCSNSADITGPSFIR	S521	0.85506092	0.95591735	0.94852754
A7KAX9	ARHGAP32	SEESLTLHAVDGDGSK	S706	0.65966146	0.93702856	0.85473065
Q9NRY4	ARHGAP35	NSLSDPNIDR	S589	0.16008449	0.57142857	0.55746307
Q9NRY4	ARHGAP35	AGSPLCSNQLQDSEEDIEPSYSLFR	S975	0.19127992	1.33678477	0.57584619
Q9NRY4	ARHGAP35	TSFSVGSDDDELGPPIR	S1179	0.43371026	1.10084234	0.73152094
Q9NRY4	ARHGAP35	NEEENIYSPVHDSTQGK	Y1105	0.69155971	1.05458646	0.8713243
Q9NRY4	ARHGAP35	TSFSVGSDDDELGPPIR	S1179	0.88888097	0.98237886	0.95935633
Q13017	ARHGAP5	RTHSDASDDEAFTTSK	S1173,S1176	0.2249547	0.54699432	0.6080317
Q13017	ARHGAP5	HRGSEEDPLLPVETWK	S1195	0.40190547	1.22013946	0.7160132
Q13017	ARHGAP5	GSEEDPLLPVETWK	S1202	0.41597352	1.08163122	0.72383353
Q13017	ARHGAP5	HRGSEEDPLLPVETWK	S1195,S1202	0.59623616	0.79407325	0.82338978
Q13017	ARHGAP5	GGIDNPAITSDQELDDK	S1218	0.63652293	0.85314455	0.8428508
Q13017	ARHGAP5	GGIDNPAITSDQELDDK	S1218	0.7768588	1.0282729	0.91412088
O15085	ARHGEF11	HQVLLEDPEQEGSAEEEEELGVLPCPSTSLDGENR	S1155	0.1419684	2.81221054	0.55060716
O15085	ARHGEF11	NSHELGPCPEDDSDAPLEDSTADAAAASPGP	S1519	0.23257398	0.7312266	0.6080317
O15085	ARHGEF11	SLGGESSGGTTPVGSFHTEAAR	S1458	0.38031716	1.22150319	0.70800664
O15085	ARHGEF11	SRSDVMDAAAEEATR	S635	0.44872099	1.27417756	0.73811209
O15085	ARHGEF11	SLGGESSGGTTPVGSFHTEAAR	T1461,S1458	0.60644313	0.91110492	0.82979346
O15085	ARHGEF11	TRNSGIWESPELDR	S1295	0.66527679	0.96	0.85781103
Q9NZN5	ARHGEF12	TASQGPQTDSDVIQNSENIK	S1288	0.0254831	0.422805	0.41830815
Q9NZN5	ARHGEF12	TDCCSGDASRPSDNDADSPK	S303	0.25500746	0.83795144	0.6238345

Q9NZN5	ARHGEF12	SETIQDITDQSLVSGPSTR	S341	0.8573536	0.94495437	0.95015878
Q96PE2	ARHGEF17	SLSDPIPQR	S735	0.04380976	1.31464521	0.45441331
Q96PE2	ARHGEF17	SPSFGAGEGLLR	S420	0.16510538	1.57409064	0.562993
Q96PE2	ARHGEF17	RPSADSESPGTPSDGAAWEPPAR	S142	0.96640868	1.0148336	0.98758099
Q6ZSZ5	ARHGEF18	RAETFAGYDCTNSPTK	S733	0.00319165	0.56353163	0.27314524
Q6ZSZ5	ARHGEF18	RAETFAGYDCTNSPTK	T731	0.01716666	0.57670716	0.41830815
Q92974	ARHGEF2	LQDSSDPDTGSEEEGSSRLSPPHSPR	S956,S960	0.07448881	1.60413081	0.49918003
Q92974	ARHGEF2	LQDSSDPDTGSEEEGSSRLSPPHSPR	S956	0.11565131	2.2268365	0.53343618
Q96DR7	ARHGEF26	AVVSGFDFDSPTSSK	S333	0.14706927	0.39637063	0.55352644
Q8N1W1	ARHGEF28	AESLPLSSNLQSK	S535	0.42159943	1.22001344	0.7256314
Q8TER5	ARHGEF40	GSPTDAEGSPGLSR	S262	0.4522792	0.83229123	0.73811209
Q15052	ARHGEF6	MSGFIYQ GK	S488	0.06187872	0.7534626	0.47702638
P29374	ARID4A	ILGQSSPEK	S864	0.54738136	0.90039565	0.7933521
Q4LE39	ARID4A	EDNSEEEEIEPFPPEER	S295	0.26105503	0.55963213	0.62872273
Q66PJ3	ARL6IP4	ASTAPGAEASPPCITER	S178	0.02190543	1.25650412	0.41830815
Q66PJ3	ARL6IP4	SAGEEEDGVPVLDEQK	S271	0.14910327	0.81492765	0.55352644
P56211	ARPP19	YFDSGDYNNMAK	S62	0.52039774	0.92553846	0.77620221
P49407	ARRB1	EEEEEDGTGSPQLNLR	T410	0.22761041	0.80330178	0.6080317
P49407	ARRB1	DDKEEEDGTGSPQLNLR	S412	0.67003856	0.9122238	0.86045622
Q43150	ASAP2	LLHEDLDESDDMDEK	S701	0.99337688	1.00228571	0.99772632
Q9NVM9	ASUN	DSPDSEPPNK	S626	0.08231509	0.63769515	0.50397847
Q8NBU5	ATAD1	EYVNSTSESHDEIRPVQQDLHR	S322	0.00945158	1.91161643	0.37254089
Q6PL18	ATAD2	NNSNTCNIENELEDSRK	S1243	0.00062319	0.41663708	0.25274253
Q96QE3	ATAD5	QFEMENSLDPENEQTVQK	S356	0.02109019	0.49383348	0.41830815
P15336	ATF2	NDSVIVADQTPPTPR	T69,T71	0.72757475	0.89588627	0.89157396
O75143	ATG13	THCAATPSSSED TETVNSNSEGR	S355	0.12723787	1.5619381	0.5403576
Q96BY7	ATG2B	LSPSWNPK	S255	0.41818191	0.84820973	0.72427252
Q96BY7	ATG2B	SSPVCSTAPVETEPK	S240	0.72288762	1.05400095	0.89157396
Q96BY7	ATG2B	SVSVDESRELIFR	S497	0.76929545	1.14529391	0.91329931
Q7Z3C6	ATG9A	RESDESSESAPDEGEGGAR	S735	0.1616632	1.20045295	0.55797736
Q8NHH9	ATL2	TSDPSAAVNHVSTTSLGENYEDDDLVSDEVMK	S24	0.10412374	2.46563775	0.52476522
Q8NHH9	ATL2	RTSDPSAAVNHVSTTSLGENYEDDDLVSDEVMK	S27	0.23723048	2.22797255	0.6080317
Q8NHH9	ATL2	RTSDPSAAVNHVSTTSLGENYEDDDLVSDEVMK	S24	0.28109021	2.12719947	0.6455595
P54259	ATN1	SEIESESEETNAPK	S77	0.17898599	0.60800231	0.56898248
Q9H7F0	ATP13A3	LVHDSLEDLQMTR	S817	0.22996931	0.63103362	0.6080317
P16615	ATP2A2	EFDELNSAQR	S663	0.37163284	1.11111111	0.7012243
P20020	ATP2B1	IEDSEPHILDDTAEDDAPTK	S1193	0.76189342	0.87600724	0.90951853
Q01814	ATP2B2	SATSSSPGPIHSLETSL	S1242	0.15709433	0.77083333	0.55688781
Q01814	ATP2B2	SATSSSPGPIHSLETSL	S1234	0.25810728	1.3819025	0.62621067
Q9Y487	ATP6V0A2	KDSEEEVSLGSDIEEGNHQVEDGCR	S695	0.04914974	2.49035968	0.45625798
Q13535	ATR	RLSSLSNPK	S435	0.23660065	0.70163046	0.6080317
P46100	ATRX	EIQSGSSSDAEESSEDNK	S1156	0.00120503	0.34163232	0.27314524
P46100	ATRX	LTPVLSNSPIK	S594,S596	0.0302426	0.32143477	0.4339813
P46100	ATRX	ETFSSAEGTVDK	S889	0.2440531	0.76435407	0.61377267
P46100	ATRX	QSETVDQNSDDEMLAILK	S729	0.28154192	0.71865331	0.6455595
P46100	ATRX	LTPVLSNSPIK	S598	0.28999835	0.68227717	0.65205353
P46100	ATRX	RPTETNPVTSNSDEECNETVK	S677	0.32711945	0.87904968	0.67305029
P46100	ATRX	KDELSDYAEK	S1061	0.70146816	0.86801545	0.87594502
POC7T5	ATXN1L	TVLGSRELCDSEK	S615	0.72528406	0.91451156	0.89291515
Q99700	ATXN2	RGPEVTSQGVQTSPPACK	S889	0.06467006	0.56209331	0.48313162
Q99700	ATXN2	GISPVVSEGR	S784	0.15806964	0.5674547	0.55688781
Q99700	ATXN2	ENIKPNETSPFSK	S772	0.94717991	1.01299104	0.98213577
Q99700	ATXN2	ENIKPNETSPFSK	T771	0.95200623	0.98727008	0.98312128
Q8WWM7	ATXN2L	STSTPTSPGPR	T683,S680	0.15166743	0.52281845	0.55686437
Q8WWM7	ATXN2L	EVDGLTSEPMGSPVSSK	S594	0.19425328	0.73790463	0.52262671
Q8WWM7	ATXN2L	GPPQSPVFEVYNNR	S111	0.1987353	1.18074478	0.58169594
Q8WWM7	ATXN2L	EDKPPPLASGGTEGPEQPPPPCPSQTGSPVGLIK	S630	0.93305349	1.03667999	0.97583851
Q14CW9	ATXN7L3	LQWDGSDSLSPDSGSSK	S281	0.26170602	0.92836857	0.62985013
Q9NQS1	AVEN	REPGGWGAGASAPVEDSDAETGEENDEQGNYSK	S94	0.34738365	0.80345029	0.68170331
Q9UPN4	AZI1	RPASLSTAPSEK	S114	0.34489889	0.79133481	0.68023038
Q92934	BAD	HSSYPAGTDEDEGMGEEPSPFR	S75	0.02513256	0.63759105	0.41830815
O95817	BAG3	SSTPLHSPSPIR	T285,S289	0.13011881	0.51341912	0.54344847
O95817	BAG3	SQSPAASDCSSSSSASLPSSGR	S173	0.17923225	0.66898955	0.56898248
O95817	BAG3	SSTPLHSPSPIR	S289	0.8522159	1.06657824	0.94718309
O95817	BAG3	VPPAPVPCPPSPGSAVSPSPK	S377,S386	0.91638981	1.04808466	0.96930175
P46379	BAG6	ASPEPQRENASAPGTTAEAMS	S964,S973	0.03828316	0.64218362	0.44815912
P46379	BAG6	VGDPQPLPEEMPEVQGAERASPEPQR	S964	0.36444241	0.83606557	0.6961046
P46379	BAG6	ASPEPQRENASAPGTTAEAMS	T978	0.49178688	1.09519837	0.76327806
Q9UQB8	BAIAP2	SSSTGNLLDK	S454	0.10513662	0.66898367	0.52553052
Q9UHR4	BAIAP2L1	TPASTPVSGTPQASPMIER	T257,S261	0.18731995	0.72372592	0.57474321
Q16611	BAK1	MASGQGPSPR	S3	0.97228288	0.98976458	0.98966465
Q92560	BAP1	GSSPSIRPIQSGQSSSPVEK	S582,S597	0.58857463	0.87958849	0.82162585
P80723	BASP1	SDGAPASDSKPGSSEAAPSSK	S183	0.12990044	1.25840683	0.54344847
P80723	BASP1	ETPAATEAPSTPK	T196	0.69651824	0.96064401	0.87420146
Q9NRL2	BAZ1A	ELDQDMVTEDEDDPGSHK	T731	0.08519022	0.6813602	0.50397847
Q9NRL2	BAZ1A	RQSPPEPVTLGR	S1413	0.59720803	0.86205046	0.82370222
Q9UIG0	BAZ1B	DHTVSGDEDYCPR	S947	0.07906771	0.80810811	0.50397847
Q9UIG0	BAZ1B	LAEDEGDSEPEAVQQR	S1468	0.17925261	0.86673297	0.56898248
Q9UIG0	BAZ1B	SLSGSPK	S347	0.96750811	1.01393344	0.98758099
Q9UIF9	BAZ2A	AGDPGEMPQSPPTGLGQPK	S1397	0.07820995	0.65092193	0.50397847
Q8WY36	BBX	TADGRVSPAGGTLLDDPK	S844	0.28337913	1.22422492	0.64836433

O75815	BCAR3	QNSPVTQDGIQESPWQDR	S83	0.14852542	0.56307253	0.55352644
O75815	BCAR3	TGSEPALSPAVVR	S375	0.44828481	0.85155672	0.73811209
P12694	BCKDHA	IGHHSTSDSSAVRSVDEVNYWDK	S337,S347	0.11984422	0.75596361	0.53759949
P12694	BCKDHA	SVDEVNYWDK	S347	0.14707608	0.54521031	0.55352644
Q9H809	BCL2L12	LSSDSFAR	S242	0.13646577	0.4171534	0.54797298
Q9BXX5	BCL2L13	SSPATSLFVELDEEEVK	S370	0.01839996	3.11902081	0.41830815
Q9BXX5	BCL2L13	EESLVEELSPASEK	S420	0.02921073	0.5700134	0.43032203
Q9BXX5	BCL2L13	SENNSSNSDIHVHEK	S303	0.04860763	0.58037186	0.45625798
P20749	BCL3	APSPEPAAPR	S41	0.00132257	0.59564197	0.27314524
Q9BQE9	BCL7B	VDSSTNSSPSPQQSESLSPAHTSDFR	S120,S122	0.02847699	0.675551	0.42827402
Q9BQE9	BCL7B	VDSSTNSSPSPQQSESLSPAHTSDFR	S122	0.14720001	0.5680246	0.55352644
Q86UU0	BCL9L	SPTLSQVHSLVTPSPANLK	S934,S949	0.35533323	0.83401318	0.68750992
Q9NYF8	BCLAF1	GRAEGEWEDQEALDYFSDK	S385	0.14604804	2.05538321	0.55352644
Q9NYF8	BCLAF1	STFREESPLR	S531	0.19214678	1.24054983	0.57728191
Q9NYF8	BCLAF1	NTPSQSHSIQHSPEK	S259,S268	0.26509484	1.9373843	0.63400981
Q9NYF8	BCLAF1	YSPSQNSPIHHIPSR	S285,S290	0.34085222	1.68387982	0.67842858
Q9NYF8	BCLAF1	KAEGEPQEEESPLK	S177	0.34156539	1.25985222	0.67842858
Q9NYF8	BCLAF1	YSPSQNSPIHHIPSR	Y284,S290	0.50443938	0.90028541	0.76766855
Q9NYF8	BCLAF1	FNDSEGGDTEETEDYR	T402,S397	0.52158098	1.42297762	0.77620221
Q9NYF8	BCLAF1	DTFHDPSESIDFNK	S198	0.54807083	0.91451767	0.79375775
Q9NYF8	BCLAF1	RIDISPSTLR	S658	0.57377253	1.226829	0.81432655
Q9NYF8	BCLAF1	IDISPSTLR	S658	0.57601171	0.93184634	0.81432655
Q9NYF8	BCLAF1	AEGEPQEEESPLK	S177	0.91099192	1.02425016	0.9669909
Q9NYF8	BCLAF1	FNDSEGGDTEETEDYR	S397	0.99529537	0.99935317	0.99790313
Q6WZJ9	BCOR	KVSGDSHTTAAEVPEDPLK	S1139	0.11156967	0.50373008	0.53343618
P11274	BCR	ASASRQPAPADGADPPPAEPEARPDGEGSPGK	S122	0.37239816	0.92679739	0.7012243
P11274	BCR	HQDGLPYIDSSPSPHLSSK	S459	0.79686999	1.05569378	0.92373279
O15155	BET1	SLSIEIGHEVK	S50	0.02684265	1.81293523	0.41830815
Q9NYM9	BET1L	AQSPGAVEEILDRENK	S9	0.15415698	1.22626071	0.55688781
Q9NYM9	BET1L	AQSPGAVEEILDR	S9	0.63597871	1.09788212	0.8428508
Q9H694	BICC1	VLSANHGDPISQITSGSEQTSPK	S612	0.74037214	0.91573661	0.89994504
Q9H694	BICC1	SNSREHLGGSESNDNR	S803	0.92170798	0.98628389	0.97154665
Q9H694	BICC1	LLSDPELSATESPLADK	S679	0.92495239	0.97183886	0.97208912
Q8TD16	BICD2	SPILLPK	S582	0.15780527	0.64229793	0.55688781
O00499	BIN1	SPSPPDGSPAATPEIR	S298	0.02730338	1.50029448	0.41837587
O00499	BIN1	SPSPPDGSPAATPEIR	S303	0.03973238	0.65578444	0.44899888
O00499	BIN1	SPSPPDGSPAATPEIR	S296	0.1146166	0.7875	0.53343618
O00499	BIN1	SPSPPDGSPAATPEIR	S298,S303	0.44992887	0.76496775	0.73811209
Q9NR09	BIRC6	LEGSDDLLEDSDSEEHSR	S480	0.76523616	1.04823257	0.91129784
Q14692	BMS1	AGLSPANCQSDR	S552	0.92379664	0.98972251	0.9718589
Q12982	BNIP2	KGSITEYTAEEK	S114	0.68832167	1.07698852	0.86958941
Q12982	BNIP2	GSITEYTAEEK	S114	0.74025087	1.08812647	0.89994504
Q8NFC6	BOD1L1	SLTVSDDAESSEPER	S2964	0.10597598	1.38957471	0.52598269
Q8NFC6	BOD1L1	DVTLSPVK	S1531	0.457571	0.8718552	0.74096613
Q8NFC6	BOD1L1	TQLSPSIK	S3019	0.48381369	0.86513335	0.75785402
Q8NFC6	BOD1L1	KEQESDEEEEEEEDEPSGATTR	S2986	0.67485668	1.04279931	0.86131187
Q8NFC6	BOD1L1	EQESDEEEEEEEDEPSGATTR	S2986	0.96848927	0.98998351	0.9882895
Q12830	BPTF	SNGELSESAGGK	S763	0.00463498	0.65199002	0.31681062
Q12830	BPTF	VLDVVSIRSPETK	S1297	0.17707084	0.68600605	0.56898248
P15056	BRAF	RDSSDDWEIPDGGQITVGQR	S447	0.09829643	1.6446319	0.5228915
Q7Z569	BRAP	ECINAAPDPSK	S117	0.36525008	1.12157895	0.69618384
Q6PJG6	BRAT1	GSPNTASAEATLPR	S742	0.13599719	0.72045973	0.54761068
P38398	BRCA1	HQSESQVGLSDK	S1336	0.03313442	0.5549346	0.43874459
O95696	BRD1	STCGDSEVEEESPGK	T804	0.17544877	1.26078086	0.56898248
O60885	BRD4	SKPPPTYESEEDK	S601	0.13344843	1.17492998	0.5475768
Q9NP11	BRD7	EREDSGDAEAHAFK	S279	0.86179385	1.06950841	0.95107454
Q9HOE9	BRD8	TEASPESMLSPSHGNSPIEDPLEAETQHK	T576	0.56436475	1.19354433	0.8081797
Q9HOE9	BRD8	TEASPESMLSPSHGNSPIEDPLEAETQHK	S587	0.65016168	0.85744631	0.84963106
Q9HOE9	BRD8	TEASPESMLSPSHGNSPIEDPLEAETQHK	S579,S582	0.95351458	1.01050611	0.98367301
Q92994	BRF1	DGSTEDTASSLGGEDTEDEELEAAASHLNK	T365	0.30799158	1.17461385	0.66139614
Q92994	BRF1	GLSSAGGSGSPHREDAQPEHSASAR	S553	0.31810335	1.20167091	0.66720337
Q9BX63	BRIP1	ATPELGSSSENSASSPPR	S1032	0.03985932	0.56856106	0.44899888
P55201	BRPF1	DGQTDSAEESSSQETSK	S860	0.02223802	0.82584697	0.41830815
P55201	BRPF1	RLPALSHSEGEDEDEEEDGK	S460,S462	0.97019905	0.98207085	0.98915891
Q9NW68	BSDC1	KGSSTDISDWEK	S387	0.035385	1.40557609	0.43874459
P35613	BSG	RKPEDVLDDDDAGSAPLK	S362	0.03556694	1.2893401	0.43874459
P35613	BSG	KPEDVLDDDDAGSAPLK	S362	0.48010023	1.23962139	0.75569707
A6QL63	BTBD11	HNSFDVTNVALVEDSEGLDCAAGQHCSR	S65	0.36063681	1.61966014	0.692567
Q9BRD0	BUD13	HDSPDLAPNVYLSLPR	T279	0.91120639	1.04665131	0.9669909
Q13895	BYSL	MPQDGSDDDEEWEPTLEK	S98	0.95693817	0.98714898	0.98388755
Q7L1Q6	BZW1	NAEEESESEAEEDG	S411	0.51837079	1.13155531	0.77586658
Q7Z589	C11orf30	TNSSSSPVVVK	S209	0.35259461	1.12338183	0.68451852
Q7Z589	C11orf30	ESCSSTVGSLLTTR	S1212	0.79837344	1.03686715	0.92423466
O00193	C11orf58	SASPDDDLGSNNWEAADLGNEER	S15	0.0344102	1.25870647	0.43874459
O00193	C11orf58	RSASPDDDLGSNNWEAADLGNEER	S24	0.08085955	1.47638648	0.50397847
O00193	C11orf58	SASPDDDLGSNNWEAADLGNEER	S17	0.15614245	1.6053443	0.55688781
O00193	C11orf58	RSASPDDDLGSNNWEAADLGNEER	S15	0.1591108	1.84037016	0.55688781
O00193	C11orf58	EESAEEQLAAEHPDEVEDPK	S147	0.63028965	0.71727594	0.8403862
Q9BUA3	C11orf84	NLDPPPEPPSPDSTETFAAPEVR	T253	0.01356441	0.54721882	0.4097879
Q9BUA3	C11orf84	AESPSPAPPPGLR	S308	0.01712464	0.71138846	0.41830815
Q8N5I9	C12orf45	IEVLDSPAK	S178	8.20E-05	0.50239295	0.094136



Q8N5I9	C12orf45	ASPCSSPTRDSSGVPVSK	S14	0.51929146	0.74773074	0.77589579
Q6ZUT6	C15orf52	SPPTQVAISSDSAR	S201	0.81225625	0.94805453	0.92840735
Q8IXM2	C17orf49	VYEDSGIPLPAESPK	S96	0.05751208	0.48239824	0.47702638
Q8IXM2	C17orf49	VYEDSGIPLPAESPCK	S96	0.08262076	0.66973684	0.50397847
Q9BQA9	C17orf62	TFLYK	S84	0.51599741	1.16567948	0.77421589
Q9HAS0	C17orf75	ELESSEEGSAAEER	S18	0.83303501	0.97157623	0.93848641
Q96B23	C18orf25	RDSSEQLASTESDKPTTGR	S66	0.17269608	1.48870057	0.56561687
Q9BQ61	C19orf43	GGPGSTLSFVVK	S114	0.27086409	0.67378213	0.63502787
Q3KP66	C1orf106	TSAPATPEIQGR	S387	0.94140628	0.98731524	0.97939813
Q9BU76	C1orf35	RPAEATSSPTSPERPR	S216	0.17918687	1.26536515	0.56898248
Q9BU76	C1orf35	RPAEATSSPTSPERPR	T215,T219	0.41995669	1.19352054	0.72466666
Q8N6N3	C1orf52	LLPEGEETLESDDK	S158	0.41592964	1.1075398	0.72383353
Q07021	C1QB8P	EVFSQSTGESEWK	S213	0.11674107	0.81804517	0.53343618
Q4AC94	C2CD3	EGPSCSPGPFPCR	S2114	0.01814647	0.72878185	0.41830815
Q4AC94	C2CD3	SSFSSSP	S2132	0.30669157	0.78967349	0.66139614
Q86YS7	C2CD5	ASPVGDGNFR	S852	0.02869757	0.73448212	0.42832144
Q9BVC5	C2orf49	SPPLSPVGTTPVK	S189	0.09182099	1.45582199	0.51218258
Q9BVC5	C2orf49	SPPLSPVGTTPVK	S189,S193	0.24225777	0.64732391	0.61278278
Q9H6K1	C6orf106	VEGNFNPFASQK	S215	0.0266122	0.28979505	0.41830815
Q9BRJ6	C7orf50	GEAVLRPLDAEPSPPEEQR	S59	0.65107365	1.05480959	0.84999911
Q9BRJ6	C7orf50	ELDEEGSDPPLGR	S175	0.71476424	0.97150456	0.88594092
Q8NOT1	C8orf59	NVFHIASQK	S19	0.01232872	0.32120071	0.39919401
Q9BUH6	C9orf142	LAAAEETAIVSPR	S148	0.14187417	0.62875198	0.55060716
Q9BUH6	C9orf142	SPRPAGPQLFLPDPDPQR	S152	0.58560919	1.47744394	0.8200322
Q8IXQ3	C9orf40	IDAGTMAEPSASPSK	S69	0.00247244	0.41669688	0.27314524
Q9NZ63	C9orf78	VGDTEKPEPERSPPNR	S261	0.5855043	0.9359879	0.8200322
Q9H8G2	CAAP1	SVNEILGLAESSPNEPK	S312	0.12297468	1.24600998	0.5389189
Q9H8G2	CAAP1	STDSSVSGSLQKETK	S89	0.57278295	0.77622655	0.81432655
Q9H8G2	CAAP1	ILEGDNGMDSMEEEDDGSK	S203	0.99777947	1.00099105	0.99864937
P27708	CAD	ASDPGLPAEPEK	S1859	0.18646551	0.69991499	0.57474321
P27708	CAD	IHRASDPGLPAEPEK	S1859	0.22787973	0.84	0.6080317
P27708	CAD	VLGTSPEAIDSAENR	S1038	0.82186654	0.97118615	0.93385297
Q13557	CAMK2D	ESTESNTTIEDEDVK	T336	0.09890407	1.28624863	0.52403942
Q13557	CAMK2D	KPDGVKSTESSNTTIEDEDVK	T336,S330	0.54368991	0.59725905	0.79174125
Q13555	CAMK2G	GSTESNTTIEDEDLK	T382	0.44922987	1.13046024	0.73811209
Q5T5Y3	CAMSAP1	SPNSHDSPEWTLR	S722	0.60670686	0.8439148	0.82982463
Q08AD1	CAMSAP2	SISNEGLTLNNSHVSK	S464	0.11360437	0.68942731	0.53343618
Q08AD1	CAMSAP2	SPTTIPIDPK	S862	0.24675478	0.6895888	0.61377267
P27824	CANX	SDAEEDGGTVSQEEEDRKP	S564	0.12808495	1.33742331	0.54122341
P27824	CANX	AEDEILNRSR	S583	0.1532532	1.21959599	0.56888781
P27824	CANX	SDAEEDGGTVSQEEEDR	S554	0.45191332	0.65561993	0.73811209
P27824	CANX	SDAEEDGGTVSQEEEDR	S554,S564	0.46642945	0.76395459	0.7471549
P27824	CANX	SDAEEDGGTVSQEEEDRKP	S554,S564	0.62900181	0.94992108	0.83899389
P27824	CANX	SDAEEDGGTVSQEEEDR	S564	0.8681784	1.04246053	0.95435889
P27824	CANX	QKSDAEEDGGTVSQEEEDR	S554,S564	0.89574637	0.98401755	0.96254306
P27824	CANX	QKSDAEEDGGTVSQEEEDR	S554	0.91251145	0.98938224	0.96699099
P27824	CANX	SDAEEDGGTVSQEEEDRKP	S554	0.95984638	1.00643939	0.98502328
Q9Y2V2	CARHSP1	GNVVPSPLTR	S41	0.84785449	0.93747674	0.9353218
O15234	CASC3	GGGSCSGSAGGGGSGSLPSQR	S45	0.0380912	0.66667858	0.44815912
O15234	CASC3	GGGSCSGSAGGGGSGSLPSQR	S35	0.10053606	0.58075124	0.52414255
O15234	CASC3	YGSPPQRPNWNGER	S265	0.14539027	1.17227723	0.55352644
O15234	CASC3	LEQTSVRDPSPEADAPVLGSPEK	S363,S373	0.24682786	0.80185084	0.61377267
O15234	CASC3	STVTGERQSGDGQESTEPVENK	S148	0.36792131	1.10987791	0.69890844
O15234	CASC3	QSGDGQESTEPVENK	S148	0.66569993	1.19208832	0.85803539
O15234	CASC3	LEQTSVRDPSPEADAPVLGSPEK	S363	0.89136216	0.96694215	0.96998402
Q8WXE0	CASKIN2	SQSFAIR	S858	0.08076468	0.6724342	0.50397847
Q8WXE0	CASKIN2	SGEQIFTQDVRPEQLLEGK	S471	0.09943353	1.49918159	0.52414255
P20810	CAST	SESELIDELSEDFRSECK	S373	0.07450016	3.19324731	0.49918003
P20810	CAST	KPADDQDPIDALSGDLDCSPSTTETSQNTAK	S655	0.18187947	0.69731273	0.57200583
P51636	CAV2	FADSDQDRDPHR	S36	0.29855479	1.176277	0.65817287
Q13185	CBX3	LTWHSCPEDEAQ	S176	0.48845524	0.92086753	0.76050625
P45973	CBX5	SNFNSADDIK	S92	0.0274544	0.54652092	0.41837587
P45973	CBX5	TADSSSEDEEEVVVEK	S14	0.07195235	0.36300373	0.49571338
Q9HC52	CBX8	RQDSDLVQCQGVTPSSAEATGK	S265	0.14501624	0.70507764	0.55352644
Q9HC52	CBX8	RQDSDLVQCQGVTPSSAEATGK	S256	0.22464531	0.72563553	0.6080317
Q9HC52	CBX8	HGSGPPSSGGGLYR	S311	0.28704088	1.05808598	0.65007167
Q6P1N0	CC2D1A	QNSPVAPTAQPK	S455	0.00660353	0.74302918	0.34322215
Q96MW1	CCDC43	AALLAQYADVTDDEEADK	T139	0.06209197	1.78524779	0.47702638
Q16204	CCDC6	LDQPVSAPPSPR	S240,S244	0.35625088	0.75956382	0.68810579
Q16204	CCDC6	QLSESESLMDDER	S323	0.95863984	0.99317986	0.98495096
Q9H6F5	CCDC86	QQDLHLESPPRQPEYSPESPR	S102,S113	0.0908696	0.66083151	0.51141856
Q9H6F5	CCDC86	LQQGAGLESPPQPEPGAASPQR	S80,S91	0.11829955	0.59375	0.53608376
Q9H6F5	CCDC86	QQDLHLESPPRQPEYSPESPR	S102	0.20171745	0.73879642	0.58254318
Q9H6F5	CCDC86	LQQGAGLESPPQPEPGAASPQR	S91	0.21594425	0.76767397	0.60366234
Q9H6F5	CCDC86	AGLGSPPERPK	S58	0.28914706	0.79277108	0.65205353
Q9H6F5	CCDC86	EELTPGAPQHQLPPVPGSPEPYQPQAGPPEQSPLLELTPR	S160	0.42732034	1.88329111	0.72966058
Q9H6F5	CCDC86	ALVEFESNPEETREPSPSPVQR	S47	0.5122201	0.85636856	0.77271948
Q9H6F5	CCDC86	LGGLRSPESPELTSVSR	S18	0.68643989	1.25584086	0.86883461
Q9H6F5	CCDC86	QPEYSPESPR	S113	0.80912083	1.02229033	0.92670839
Q3V6T2	CCDC88A	SDSSEGLQLPHQDSQDSSVGSNSLEDGQTLGK	S1439	0.1498262	1.64331541	0.55484026
Q9Y3X0	CCDC9	EGAASAPETPQPTSPETSPK	S386	0.16226711	1.24773106	0.55797736

Q9Y3X0	CCDC9	EGAASPAPETPQPTSPETSPK	S386,S390	0.24706767	1.2741934	0.61392572
Q9Y3X0	CCDC9	EGAASPAPETPQPTSPETSPK	T389	0.40500429	1.16005522	0.7160132
Q53HC0	CCDC92	SLSAPLHPFEFEVYR	S211	0.07890788	1.77573777	0.50397847
Q96F63	CCDC97	LLQQEEEEEAEEEEEDSDEEDQR	S257	0.84983804	0.90989718	0.94645687
Q9B5Q5	CCM2	GIITDSFGR	S384	0.77200837	0.95943379	0.91329931
P51946	CCNH	HEEEEWDDDLVLESL	T315	0.29137932	1.98258538	0.65205353
Q9UK58	CCNL1	SPISINVK	S352	0.9540929	0.99312124	0.98367301
O60583	CCNT2	QGQSQAASSSVTSPK	S480	0.04364067	0.70843658	0.45441331
Q8ND76	CCNY	RSASADNLTLP	S326	0.27081145	0.88888889	0.63502787
Q8ND76	CCNY	SASADNLTLP	S326	0.30121484	0.80597015	0.65823853
Q9Y5K6	CD2AP	KNSLDEL	S582	0.07770068	1.49200362	0.50397847
Q9Y5K6	CD2AP	SVDFDSLTVR	S458	0.30538149	1.47088778	0.66139614
O95400	CD2BP2	GPGQPSSPQLDR	S194	0.33593165	1.18338777	0.67736506
O95400	CD2BP2	GPGQPSSPQLDR	S195	0.34126075	1.26886985	0.67842858
O95400	CD2BP2	HSLDSDEEDDDGGSSK	S49	0.94030238	1.0065445	0.97922223
O15446	CD3EAP	QEQUINTEPLEDTVLSPTK	S285	0.00204507	0.58667229	0.27314524
O15446	CD3EAP	QQDATVEPETEVVGPPLDDLEPQAAPTSTK	T421	0.03772611	0.67297768	0.44815912
P16070	CD44	SQEMVHLVVK	S706	0.02554923	0.59540816	0.41830815
P16070	CD44	LVINGNGAVEDR	S686	0.12271141	0.56387736	0.5389189
P48960	CD97	ALRASESGI	S831	0.07827919	0.51284041	0.50397847
Q12834	CDC20	EAAGPAPSPMR	S41	0.23496557	0.61487835	0.6080317
P30305	CDC25B	SVTPPEEQEAEEPK	S353	0.00379645	0.49247662	0.28722668
P30305	CDC25B	SLCHDEIENLLDSDHR	S375	0.28602955	0.76410299	0.65007167
Q8NHZ8	CDC26	EDVEVGGSDGEGAIGLSSDPK	S42	0.70706739	1.03507628	0.88070166
Q5VT25	CDC42BPA	REFSGGSYSK	S1651	0.45964741	1.2816224	0.7160036
Q9Y5S2	CDC42BPB	HSTPSNSSNPSGPPSPNSPHR	S1690	0.35499035	1.24538259	0.68723258
Q9Y5S2	CDC42BPB	HSTPSNSSNPSGPPSPNSPHR	S1686,S1690	0.35794934	0.88159204	0.68985871
Q00587	CDC42EP1	RSDLLSFR	S192	0.22623401	1.45053144	0.6080317
Q9UKI2	CDC42EP3	ANSTSDSVFTETPSVLK	T90	0.28545151	0.66758212	0.64933619
Q9H3Q1	CDC42EP4	AGEPDGSELDEQPSSSSK	S64	0.08090107	0.50373544	0.50397847
Q99459	CDC5L	GGLNTPLHESDFSGVTPQR	T385,T396	0.11293398	0.73529412	0.5343618
Q69YH5	CDCA2	AGTDSPVSCASVTEER	S710	0.00821146	0.57805898	0.35749468
Q96GN5	CDCA7L	ASLVSEEEDEEDK	S117	0.11599346	0.50949617	0.53343618
Q53HL2	CDCA8	IYNISGNGSPADSK	S219	0.03066201	0.51098368	0.43445387
P06493	CDK1	IGEGTYGVVYK	Y15	0.04310884	0.6019678	0.45441331
P06493	CDK1	IGEGTYGVVYK	Y15,T14	0.06340988	0.41925859	0.47702638
Q9UQ88	CDK11A	RGTSPRPPEGGLGYSQLGDDDLK	T739	0.19839374	1.45967742	0.58169594
Q9UQ88	CDK11A	RGTSPRPPEGGLGYSQLGDDDLK	T739,S740	0.2456385	0.66867119	0.61377267
Q9UQ88	CDK11A	GTSPPRPPEGGLGYSQLGDDDLK	S740	1	1	1
Q9NVV4	CDK12	LYNSEERSPTNK	T893	0.35182853	0.69589658	0.68418829
Q9NVV4	CDK12	GSPVFLPR	S423	0.64466183	0.93304995	0.84838187
Q9NVV4	CDK12	NSSPAPPQAPGK	S1083	0.82806385	0.98099415	0.9364171
Q14004	CDK13	IEHAPSPSSGGTLK	S525	0.10908339	1.31980154	0.53337143
Q14004	CDK13	HSSISPSTLTK	S437,S439	0.31391779	0.8171123	0.66321511
Q14004	CDK13	GGDVSPSPYSSSWR	S383	0.61425476	0.88568589	0.83347439
Q00537	CDK17	RASLSIEGF GK	S180	0.85229976	1.05872444	0.94718309
Q00537	CDK17	RISMEDLNK	S137	0.93370742	0.9918313	0.9759297
P38936	CDKN1A	SGEQAEQSPGGPQDSQGR	S130	0.11753335	0.62706129	0.56542971
Q01850	CDR2	SSSETILSLAGSDIVK	S309	0.00500563	2.40436193	0.31681062
Q86X02	CDR2L	GDDLGAQDQGVSSPAASPGHVVR	S304,S308	0.04861022	0.49078393	0.45625798
O95674	CDS2	VDGETASDESRAESAPLVSADDTPEVLNR	S37	0.08469459	1.47593593	0.50397847
O95674	CDS2	VAHEPVAPPEDKESESEAK	S21	0.12037448	1.33631841	0.5377039
O95674	CDS2	VDGETASDESRAESAPLVSADDTPEVLNR	S33	0.27988804	1.25045045	0.6455595
Q9UKY7	CDV3	VQAMQISSEKEEDDNEK	S107	0.15898465	1.61684083	0.55688781
Q9UKY7	CDV3	VQAMQISSEK	S107	0.80564634	0.93263698	0.50397772
Q9Y232	CDYL	TAVDGFQSESPK	S216	0.19264565	0.65026132	0.57728191
Q03701	CEBPZ	SQLDDHPESDDEENFIDANDDEDMEK	S629	0.95723459	1.00867769	0.98388755
Q03188	CENPC	TSVSNQWNPSSAQK	S177	0.01940665	0.41417666	0.41830815
Q03188	CENPC	SEESPVYNSNSVR	S538	0.90912511	1.01394921	0.9669909
P49454	CENPF	ITETGAVKPTGECSEGEQSPDNTYPPGEDK	S1822	0.11690874	0.7903067	0.53343618
Q9HC77	CENPJ	RASPNLFSEAQYQAPVEK	S260	0.20982452	0.64509652	0.59623402
Q96BT3	CENPT	AASPESASSTPESLQAR	S397	0.04120703	0.5693212	0.45441331
Q5SW79	CEP170	LGEASDSELADADK	S1112	0.04209273	0.85078713	0.45441331
Q5SW79	CEP170	SESLDPDSSMDTLILK	S881	0.04879743	2.60015328	0.45625798
Q5SW79	CEP170	ERSESLDPDSSMDTLILK	S881	0.08193737	3.60900958	0.50397847
Q5SW79	CEP170	SSPVNNHSPGQTPTLGQPEAR	S1529,S1522	0.14561196	0.68003731	0.55352644
Q9Y4F5	CEP170B	SQSFTHSPGDPK	S421	0.6667268	0.9085639	0.85839518
Q5VT06	CEP350	EIISPPMDCRPPESPVFGASGQEELAK	S2829,S2839	0.27828038	0.73995725	0.6449513
Q53EZ4	CEP55	SPTAALNESLVECPK	T430	0.18624281	0.66321031	0.57474321
Q965T8	CEP89	TPPPRSPNPSPERPR	S40,S44	0.33403266	1.17231255	0.67622969
P41208	ETN2	RMSPKPELTEEQK	S20	0.69066348	1.17619454	0.8713243
Q9UEE9	CFDP1	LDWESFK	S250	0.66702007	1.20664417	0.85845184
P23528	CFL1	ASGVAVSDGVK	S3	0.06357582	0.64579597	0.47702638
Q0VF96	CGNL1	RQDSAGPVLGDGAR	S283	0.03249371	0.76152386	0.43874459
Q13111	CHAF1A	GLLSNHTGSPR	S772	0.0446989	0.63718736	0.45441331
Q13111	CHAF1A	SPSTYLYLHTPSEDAAIK	S777	0.23322232	0.72681282	0.6080317
Q13112	CHAF1B	TQDPSSPGTTTTPQAR	S429	0.04376728	0.65809769	0.45441331
Q13112	CHAF1B	TQDPSSPGTTTTPQAR	T432,S429	0.04472887	0.64549476	0.45441331
Q13112	CHAF1B	GSSPGPRPVEGTSPASR	S409	0.21865673	0.81612819	0.60411977
Q13112	CHAF1B	GSSPGPRPVEGTSPASR	S410	0.4696887	0.86862848	0.74934719
Q13112	CHAF1B	TDTPPSSVPTSVISTPSTEEIQSETPGDAQGSPPELK	S538	0.9121032	1.02881683	0.9669909

Q96JM3	CHAMP1	AVPPVSPELR	S416	0.13081265	0.66603951	0.54344847
Q96JM3	CHAMP1	KTSPASLDFPESQK	S459	0.19861337	0.70774117	0.58169594
Q96JM3	CHAMP1	KPSGSPDLWKLSLSPDQR	S445,S452	0.23745721	0.64110092	0.6080317
Q96JM3	CHAMP1	TAPTLSPHEHWK	S405	0.35754502	0.7720333	0.68946532
Q96JM3	CHAMP1	GGSPDLWK	S476	0.38143791	0.91318039	0.70884547
Q96JM3	CHAMP1	LAPVSPPEQKQAPVSPESVK	S204,S214	0.60577193	0.83283133	0.82953421
Q96JM3	CHAMP1	DNQESSDAELSSSEYIK	S627	0.66222636	0.88906581	0.85612147
Q96JM3	CHAMP1	KPGPPLSPEIR	S427	0.84105278	1.06382681	0.94290531
Q96JM3	CHAMP1	KPSGSPDLWK	S445	0.8849851	0.96477931	0.95812202
Q9NX63	CHCHD3	YSGAYGASVSDDEELK	S50	0.16085949	0.56528793	0.55797736
O14646	CHD1	SSVSDAPVHITASGEPVPISEEEELDQK	S1387	0.13726759	0.51943407	0.54797298
O14646	CHD1	KSSVSDAPVHITASGEPVPISEEEELDQK	S1385	0.53545947	0.83358043	0.78666672
O14646	CHD1	SSPSILAVQR	S90	0.5672664	0.89495442	0.81132287
O14646	CHD1	KSSVSDAPVHITASGEPVPISEEEELDQK	S1396	0.67641811	0.8253368	0.86185127
Q86WJ1	CHD1L	GSVLPLGLVEGSK	T629	0.63644209	0.8541514	0.8428508
O14647	CHD2	SPLDHRSPLEIR	S1807	0.45826648	1.27726814	0.74131976
Q12873	CHD3	NDMDEPPPLDYSGEDDGK	S597	0.18874407	0.81400271	0.57474321
Q12873	CHD3	METEADAPSPAPSLGER	S1601,S1605	0.39738172	1.48965692	0.7160132
Q12873	CHD3	METEADAPSPAPSLGER	S1601	0.40238224	0.87372679	0.7160132
Q12873	CHD3	KNDMDEPPPLDYSGEDDGK	S597	0.43996427	0.91278319	0.73483849
Q14839	CHD4	STAPTEAIECTQAPAPASEDEK	S1602	0.1450752	0.89972145	0.55352644
Q14839	CHD4	TPTPSTPGDTQNPNTAPVPPAEDGIK	T1540,T1542	0.40399159	1.2473914	0.7160132
Q8TD26	CHD6	GDNPNSHPEPAPSCEREPSSGDENCAEPSALPAER	S2680	0.5369292	0.91558231	0.78705986
Q9P2D1	CHD7	DEIDEFANSPSEDK	S1874	0.27032196	0.54037682	0.63502787
Q9HCK8	CHD8	TASPLRLRPDAPVEK	S1995	0.65619421	1.16556249	0.85263945
Q9HCK8	CHD8	SPEETATQVPSLESLLK	S2008	0.86635741	0.95991522	0.9535746
Q9UQN3	CHMP2B	ATISDEEIER	S199	0.63823595	1.05728314	0.84338453
Q9Y3E7	CHMP3	VTDALPEPEPFGMAASEDEEEEEALEAMQSR	S200	0.41450066	1.85767028	0.7228052
Q8WUX9	CHMP7	ISDAELEAELEK	S417	0.869823	0.97002402	0.95464321
Q9NRG0	CHRA1	REEDENDNDNESDHDEADS	S124	0.80023332	0.97608025	0.92455018
Q8WVB6	CHTF18	GDAASSPAPAAASVGSQQGAR	S64	0.03453378	0.68337023	0.43874459
Q96RK0	CIC	TQSLSALPK	S173	0.11100052	0.63177142	0.53343618
Q86X95	CIR1	NLTANDPSQEVASEGEEDPEVEFLK	S202	0.2035605	1.51754386	0.5847059
Q7Z460	CLASP1	NSSNTSVGSPSNTIGR	S1091	0.08544762	0.66440605	0.50397847
Q7Z460	CLASP1	RQSSGSATNVASTPDNR	S646,S647	0.29817067	0.62439181	0.62817287
Q7Z460	CLASP1	RQSSGSATNVASTPDNR	S647	0.41861168	0.88496522	0.72427252
Q7Z460	CLASP1	SRSDIDVNAASAK	S600	0.42622028	0.88368794	0.72966058
Q7Z460	CLASP1	RQSSGSATNVASTPDNR	S646	0.49869052	0.89731917	0.76446134
O75122	CLASP2	SSSSQESLNRPFSSK	S327	0.25983061	0.9134618	0.62708943
O75122	CLASP2	SRSDIDVNAAGAK	S370	0.69083048	1.06603442	0.87132443
O75122	CLASP2	SFDDDEESVDGNNRPSAASAFK	S8	0.89698239	1.02961157	0.96293924
O75122	CLASP2	SRSDIDVNAAGAK	S368	0.93269491	1.01624109	0.97583851
Q8N2M8	CLASRP	KISPPSYAR	S285	0.02514536	1.41339671	0.41830815
Q14677	CLINT1	ASPDQNASTHTPQSSVK	T308	0.05824063	2.09609938	0.47702638
Q14677	CLINT1	ASPDQNASTHTPQSSVK	S299	0.13490903	0.83036103	0.5475768
Q14677	CLINT1	ASPDQNASTHTPQSSVK	S312	0.21882332	2.11930691	0.60411977
Q14677	CLINT1	ASPDQNASTHTPQSSVK	T306,S311	0.57378584	1.36429725	0.81432655
P30622	CLIP1	VQAEDEANGLQTTASR	S143	0.05720754	0.37407553	0.41702638
P30622	CLIP1	TASESISNLSEAGSIK	S200,S204	0.41822601	0.70288403	0.72427252
P30622	CLIP1	TASESISNLSEAGSIK	S204	0.44410612	1.26759565	0.73811209
P30622	CLIP1	TASESISNLSEAGSIK	S195	0.4864923	0.76272896	0.75953527
P30622	CLIP1	TASESISNLSEAGSIK	S200	0.56078435	0.85708795	0.80506098
Q9UDT6	CLIP2	TGNESGSNLSDSGSVK	S207	0.61787943	1.0624141	0.83417356
Q8N3C7	CLIP4	SWSSTPTAGGIEGSVK	S609	0.09601879	0.56442367	0.51670111
P49759	CLK1	SVEDDEEGHLICQSGDVLRSAR	S140	0.82828579	0.96286227	0.9364171
P49761	CLK3	YRSPPEPPLYLYR	S157	0.9725017	0.99000193	0.98966465
Q96JQ2	CLMN	SSESDHFSYVQLR	S921	0.4383405	1.20770299	0.7335494
Q96JQ2	CLMN	HEPHQDGSQEEAEGCPSAPEPTPVDK	S635	0.47645369	1.07191781	0.75305485
Q13286	CLN3	RFSDSEGEETVPEPR	S12	0.38625182	0.78022758	0.71060254
P54105	CLNS1A	EPVADEEEEDSDDVPEPTEFR	S102	0.80862044	1.10891089	0.92670839
P54105	CLNS1A	FEESKEPVADEEEEDSDDVPEPTEFR	S102	0.8853199	0.91807153	0.95812202
Q9HAW4	CLSPN	SPSPGLFR	S810	0.00214805	0.42415374	0.27314524
Q9HAW4	CLSPN	FTSQDASTPASSELNK	S950	0.04101877	0.36343847	0.45441331
O75153	CLUH	SEDPGQEAEGSEEGSSASGLAK	S664	0.27310319	0.77985378	0.63888342
Q8WXI2	CNKS2	LGDSLQDLYR	S908	0.30224492	0.80700405	0.65923465
Q6P4Q7	CNNM4	SASLSYVDR	S664	0.27491053	0.76018342	0.64019666
Q9NZN8	CNOT2	TNSMSSSGLGSPNR	S165	0.00757192	0.62696849	0.35749468
Q9COA0	CNTNAP4	LISISGK	S522	0.54167982	0.87224872	0.79082038
Q535F7	COBLL1	DQTASAPATPLVKN	S294	0.41080354	0.83816739	0.7189062
P38432	COIL	AFQLEEGEETEPDCK	T122	0.048289	0.49171353	0.45625798
P53621	COPA	NLSPGAVESDVR	S173	0.19712432	1.08213922	0.58169594
P35606	COPB2	STAQQELDGKSPASPTPVIVASHTANK	S859	0.41604106	1.72167382	0.72383353
Q8N684	CPSF7	SSSTEP PPPVR	S48	0.21724793	0.85563612	0.60411977
Q8N684	CPSF7	DSSDSADGRATPSENLPSSAR	T203	0.34261682	1.2322455	0.67878924
P52943	CRIP2	ASSVTTFTFGEPTCPR	S114	0.70819625	0.80445288	0.84178883
P46108	CRK	DSSTSPGDYVLSVSENSR	T42	0.2082564	1.12958627	0.59226675
P46108	CRK	DSSTSPGDYVLSVSENSR	S41	0.90494125	0.98269655	0.96639307
P21291	CSRP1	GFGFGQAGALVHSE	S192	0.98540791	1.00646199	0.9949188
O15320	CTAGE5	SNSELEDEILCLEK	S139	0.01875645	1.61176582	0.41830815
O15320	CTAGE5	SFNMPSLDK	S647	0.08798564	1.76853083	0.50672665
O15320	CTAGE5	LNRNSSELEDEILCLEK	S137	0.15749526	1.65350648	0.55688781

P35221	CTNNA1	SRTSVQTEDDQLIAGQSAR	T654,S655	0.0394336	0.29864718	0.44899888
P35221	CTNNA1	SRTSVQTEDDQLIAGQSAR	S652,S655	0.06828536	0.32965293	0.49083932
P35221	CTNNA1	TSVQTEDDQLIAGQSAR	S655	0.0883537	0.42457152	0.50799688
P35221	CTNNA1	SRTSVQTEDDQLIAGQSAR	T658	0.17277263	0.6910802	0.56561687
P35221	CTNNA1	TPEELDDSFETEDFDVVR	S641	0.38504525	1.48989048	0.71060254
P35222	CTNNB1	TSMGGTQQQFVGVGR	T551	0.28802054	0.65445424	0.65115864
Q8WYA6	CTNNBL1	EYAENIGDGRSPEFR	S545	0.62128199	1.12821238	0.83613383
O60716	CTNND1	TLDRSGDLGDMPELK	S920	0.04667173	0.57934022	0.45625798
O60716	CTNND1	HYEDGYPGGSDNYGSLSR	S230	0.20693939	0.83972644	0.59145167
O60716	CTNND1	VGGSSVDLHR	S268	0.24643271	0.64624989	0.61377267
O60716	CTNND1	GSLASLDSLRK	S349	0.25837554	1.4068062	0.62621067
O60716	CTNND1	VGGSSVDLHR	S269	0.26620698	1.24434389	0.63403655
O60716	CTNND1	SQSSSHYDDSTLPLIDR	S861	0.62191955	0.82429692	0.83613383
O60716	CTNND1	GSLASLDSLRK	S352	0.72197497	0.88119993	0.89153166
O60716	CTNND1	SQSSSHYDDSTLPLIDR	Y865,S864	0.86507374	0.95609289	0.95305732
O60716	CTNND1	GSLASLDSLR	S349	0.88224943	1.06707019	0.95761744
P17812	CTPS1	DTYSDRSGSSSPDSEITELK	Y567,S574	0.30417333	1.26480756	0.6612054
P17812	CTPS1	SGSSSPDSEITELK	S575	0.33769911	1.21530612	0.67736506
P17812	CTPS1	SGSSSPDSEITELK	S574,S575	0.45051403	1.46012898	0.73811209
Q9NRF8	CTPS2	LSSSDRYSADSDSFSEPR	Y567,S571	0.83357431	1.04091661	0.93848641
Q6PD62	CTR9	GGGFDEFVNDTDDDLPIISK	T925	0.19681807	1.61202051	0.62621067
Q6PD62	CTR9	KGGFDEFVNDTDDDLPIISK	T925	0.56127218	1.23563218	0.80509013
Q6PD62	CTR9	GEEGSDDEETENGPKPK	S970	0.91938724	0.95898039	0.97068833
Q14247	CTTN	TQTTPPVSPAPQTEERLPSSPVYEDAASFK	S418	0.31830799	2.64528003	0.66722624
Q14247	CTTN	TQTTPPVSPAPQTEER	T401,S405	0.38243778	0.7902709	0.70884547
Q14247	CTTN	TQTTPPVSPAPQTEERLPSSPVYEDAASFK	Y421,T401	0.43690535	1.26072686	0.73338954
Q14247	CTTN	TQTTPPVSPAPQTEER	T399,S405	0.54396908	0.83313886	0.79181298
Q14247	CTTN	TQTTPPVSPAPQTEER	T401	0.59626426	1.11484018	0.82338978
Q14247	CTTN	TQTTPPVSPAPQTEERLPSSPVYEDAASFK	T401,S405	0.66358793	1.24634573	0.85711256
Q14247	CTTN	TQTTPPVSPAPQTEERLPSSPVYEDAASFK	Y421,T401,S405	0.76502845	1.12720226	0.91129784
Q14247	CTTN	LPSSPVYEDAASFK	S418	0.77353578	0.93267974	0.91388621
Q14247	CTTN	LPSSPVYEDAASFK	S417	0.93506954	0.9733181	0.97652346
Q14247	CTTN	LPSSPVYEDAASFK	S426	0.98097429	0.99609105	0.99337708
Q9P2B4	CTTNBP2NL	FQSQADQQQASGLQSPPSR	S481	0.38693995	0.69957084	0.71060254
Q9P2B4	CTTNBP2NL	DLSPTLIDNSAAK	S488	0.6197403	0.88582832	0.88506597
Q13620	CUL4B	SATDGNSTTTPPTSAK	T49	0.07896398	0.71184098	0.50397847
P39880	CUX1	HSSVSDSQCEPPSVGTEYSQGASPPQHQLK	S1215,S1237	0.00716812	0.64308272	0.3526715
P39880	CUX1	AASREEPIWEF	S1496	0.93357816	0.97409413	0.9759297
A2AJT9	CXorf23	HRSLSPVPR	S15,S17	0.80124776	0.9279949	0.92455018
Q8TB03	CXorf38	LDSQEPGRQTPDR	T314	0.50697508	0.92571429	0.76766855
Q9P0U4	CXXC1	SENGENAPIYCICR	S19	0.39403713	0.76314203	0.71386843
Q5VWQ8	DAB2IP	QGSPSPVSPNALDR	S995	0.03119068	0.66307424	0.43845189
Q9UIK4	DAPK2	NCESDTEEDIAR	S349	0.12881964	0.67244436	0.54214506
Q9UER7	DAXX	DGDKSPMSSLQISNEK	S495	0.07181632	0.5763575	0.49571338
Q9UER7	DAXX	SPMSSLQISNEK	S495	0.08130522	0.5654349	0.50397847
Q16643	DBN1	MAPTPIPTRSPDSSTASTPVAEQIER	S337	0.54756038	1.61353535	0.7933521
Q16643	DBN1	SPDSSTASTPVAEQIER	S337	0.73999972	0.94412331	0.89994504
Q16643	DBN1	LSPVLHR	S142	0.93021894	1.01445578	0.97583851
Q9UJU6	DBNL	AMSTTSISSPPQPK	S275	0.07082176	0.62858531	0.49571338
Q9UJU6	DBNL	AMSTTSISSPPQPK	T270	0.93825365	0.95501707	0.97898999
Q5TAQ9	DCAF8	VHDRSEEEEEEEEEEQPR	S99	0.74144571	0.91058906	0.90061831
Q96PD2	DCBLD2	YSSSEVNHLSPR	Y597	0.15175278	0.42364829	0.55686437
Q96PD2	DCBLD2	TDSCSSAAQAYDTPK	T722	0.15878437	0.67376491	0.55688781
Q96SD1	DCLRE1C	RNDEITDESLENFPSTVAGGSQSPK	S518	0.25504035	0.68530881	0.6238345
Q9NPI6	DCP1A	ASSPSPLTIGTPESQR	S525	0.78855904	0.92011827	0.92123384
Q8IZD4	DCP1B	SLSYEPR	S275	0.51640032	1.09791459	0.77426326
Q9H773	DCTPP1	TDGEPGPQGWSPR	S85	0.73582312	0.94801335	0.8976557
Q9H773	DCTPP1	YTELPHGAISEDQAVGPADIPCDSTGQTST	S169	0.79201837	0.94795065	0.9228136
Q9BTE7	DCUN1D5	SPGVAAVAEDGGLK	S9	0.8864944	1.0336214	0.95863404
Q92466	DDB2	SPLLEPEAK	S26	0.20108199	0.77835498	0.58195492
Q92466	DDB2	SRSPLLEPEAK	S24	0.91804978	0.97503782	0.96986608
Q92466	DDB2	SRSPLLEPEAK	S26	0.92141754	0.97640449	0.97154665
Q92499	DDX1	DNTRPGANSPEMWSAIAK	S481	0.11298706	0.70344675	0.53343618
Q13206	DDX10	TANSPGSGARPDVPR	S7	0.15990067	0.7890636	0.55746307
Q13206	DDX10	QDNDTGNEEQEEEDDEEEMEEK	T577	0.20014843	0.77079093	0.58169594
Q13206	DDX10	SNSEVEDVGPTSHNR	S829	0.21153857	0.74763071	0.59863503
Q13206	DDX10	SNSEVEDVGPTSHNR	S831	0.21869197	0.72548122	0.60411977
Q13206	DDX10	RSNSEVEDVGPTSHNR	S831	0.2544554	0.85881295	0.62373267
Q92841	DDX17	SSQSSSQFSGIGR	S674	0.09594942	0.5228675	0.51670111
Q9UHI6	DDX20	SYLEGSSDNQLK	S678	0.1829077	0.76723961	0.57200583
Q9NR30	DDX21	NGFPHPEPCNPSAAESEESNSEIEQEIPIVEQK	S173	0.13833128	0.73201325	0.54797298
Q9NR30	DDX21	SDAGLESDTAMK	T15	0.14501416	0.65054084	0.55352644
Q9NR30	DDX21	EEPSQNDISPK	S89	0.16589776	0.8739726	0.56312413
Q9NR30	DDX21	NGFPHPEPCNPSAAESEESNSEIEQEIPIVEQK	S171	0.2000307	0.8245328	0.58169594
Q9NR30	DDX21	KEEPSQNDISPK	S89	0.21987395	0.86905263	0.60482898
Q9NR30	DDX21	NEEPSEEDDAPKPK	S121	0.89027533	1.02412605	0.95998402
Q9GZR7	DDX24	AQAVSEEEEEEGK	S82	0.59570369	0.9221968	0.82338978
O00571	DDX3X	DAYSSFGSR	S71	0.15964758	1.37103411	0.55746307
O00571	DDX3X	FSGGFGAR	S594	0.23551028	0.70888954	0.6080317
O00571	DDX3X	SSFFSDRGSISR	S90	0.72955951	1.10844212	0.89480162
O00571	DDX3X	SSFFSDRGSISR	S92	0.91252045	1.02961433	0.9669909

Q9UJV9	DDX41	TDEVPAGGSRSEAEDEDEDVYPVPLR	S23	0.06489785	1.24968632	0.48378395
Q9UJV9	DDX41	GAAAAEQDQSGSEPR	S66	0.2192653	0.63783077	0.60411977
Q9UJV9	DDX41	GAAAAEQDQSGSEPRGDEDDIPLGPQSNVSLLDQHQLK	S68	0.35285344	1.25448718	0.68463507
Q86XP3	DDX42	YMAENPTAGVVQEEEEEDNLEYSDGNPIAPT	Y183	0.42386789	1.64033398	0.72757489
P17844	DDX5	GYSSLLK	S520	0.14869615	0.52120376	0.55352644
Q9BQ39	DDX50	SETRENGVTDDLDAK	T47	0.66727976	0.91619402	0.85846526
Q8N8A6	DDX51	ADGEDAGAESNEEAPGEPGAGSSEEPGEPGAGSSEEPGER	S103	0.08068082	0.7372549	0.50397847
Q8N8A6	DDX51	RVNDAEPGSPAPQK	S83	0.19935205	0.87252844	0.58169594
Q8N8A6	DDX51	VNDAEPGSPAPQK	S83	0.79084169	0.98109793	0.92210365
Q8TDD1	DDX54	IDDRSDDEEGASDR	S782	0.62861096	1.04132901	0.83899389
Q8TDD1	DDX54	LGPGRPLPTFTSECTSDVEPDTR	S75	0.98751288	1.00818536	0.99494412
Q8NHQ9	DDX55	REEGSDIEDEDMELLNDTR	S544	0.15633826	1.5316688	0.55688781
Q8NHQ9	DDX55	EEGSDIEDEDMELLNDTR	S544	0.51587859	1.29464965	0.77421589
P35659	DEK	SLIVEGK	S51	0.29959927	0.79161013	0.65817287
P35659	DEK	EESEEEDEDEEEEEEEK	S32	0.39056797	0.71413083	0.71132527
P35659	DEK	EPMPGPRESEEEEEDEEEEEEEK	S32	0.48732415	1.36245955	0.75953527
Q5VZ89	DENND4C	SCSFSSER	S810	0.05616487	1.48822653	0.47702638
Q5VZ89	DENND4C	THSFENVCSLHPSDR	S863	0.1430131	1.52806122	0.55222534
Q5VZ89	DENND4C	HSQSPPEHSPTEPPAWGSSIVK	S732,S737	0.2426933	0.80750819	0.61278278
Q5VZ89	DENND4C	RSSLPLDHGSPAQENPESEK	S1042	0.32290525	1.14176245	0.6705262
Q5VZ89	DENND4C	RSSLYGIK	S948	0.3465787	1.14479359	0.68145427
O43583	DENR	QEAGISEGQGTAGEEEEEK	T86	0.94485828	0.98699984	0.98162652
Q8WYQ5	DGCR8	YGGDSDHPSDGETSVQPMMTK	Y267,S271	0.41870691	0.71867044	0.72427252
O60231	DHX16	QQTEKPESEDEWER	S160	0.98836343	0.99755651	0.99500837
Q6P158	DHX57	DLQEQADADGSEK	S127	0.02252678	0.76592636	0.41830815
Q6P158	DHX57	GLSGEEEDDEPDCNDR	S132	0.65199182	0.9346211	0.8505262
Q14562	DHX8	QSMDSMPIK	S460	0.27849375	0.78198876	0.64501175
Q9BTC0	DIDO1	SPPPEGDTLLFLSR	S1040	0.20628814	0.57944975	0.59057054
Q9BTC0	DIDO1	HDSSAPDPAPSDADEVMPPEAVPEVASEPGLSASHPNVDR	S890	0.77463776	1.04875406	0.91412088
Q9BTC0	DIDO1	RNSVERPAEPVAGAATPSLVEQQK	S1456	0.99660054	0.99724878	0.99863027
Q9P265	DIP2B	YRSDIHTEAVQAALAK	Y98	0.43690078	1.58249242	0.73338954
Q8IYB7	DIS3L2	ETEAAYESDIPEELCGHHLPPQQLK	S139	0.82734177	0.90708978	0.9364171
O60832	DKC1	AGLESAGPEGDGSDTTK	S494	0.20819139	1.38772664	0.59226675
O60832	DKC1	AGLESAGPEGDGSDTTK	S494	0.30957334	1.61865075	0.66139614
Q8TDM6	DLG5	VGPCSPPAAR	S1209	0.75557884	0.96166137	0.90833103
Q8TDM6	DLG5	CVPASGELSPQLQEWAPYSPGHSSR	Y1155,S1146	0.76836359	0.95712533	0.91329931
Q8TDM6	DLG5	LGSSSNLQFK	S1263	0.8205118	0.9575186	0.93321117
Q9Y2H0	DLGAP4	ANSWQLVETPEK	T915	0.13791092	0.71887909	0.54797298
Q9Y2H0	DLGAP4	QNSATESADSIIEIYVPEAQTR	S977	0.16803451	1.4975566	0.56312413
Q9Y2H0	DLGAP4	QNSATESADSIIEIYVPEAQTR	S973	0.3868179	1.33087921	0.71060254
Q15398	DLGAP5	SSIEDAQCPLDPLIEENHVVNK	S690	0.27367351	0.8513208	0.63888342
Q9NPF5	DMAP1	DTIIDVVGAPLTPNSR	T445	0.7697223	1.12994589	0.91329931
Q9Y485	DMXL1	LSEAVWQPEEHYSSPEK	S918	0.60970248	0.9507086	0.83062316
P31689	DNAJA1	VNFPENGFLSPDK	S335	0.0224104	0.42736126	0.41830815
O75190	DNAJB6	HAPHCLSEEGEQDRPR	S277	0.44150065	0.80857605	0.58103091
Q96KC8	DNAJC1	EDAEGVAEEEEQEGDSGEQETGATDARPR	S430	0.08599626	0.76470588	0.50397847
Q9NVM6	DNAJC17	QAQAQSEEEEEESR	S112	0.6377718	1.04871568	0.84338453
Q99543	DNAJC2	NASASFQLEDDK	S47	0.1147887	1.45182927	0.53343618
Q99543	DNAJC2	NASASFQLEDDK	S47	0.22936664	1.26172634	0.6080317
Q99543	DNAJC2	NASASFQLEDDK	S47,S49	0.3059906	0.55823596	0.66139614
Q99543	DNAJC2	NASASFQLEDDK	S49	0.59934746	1.19936046	0.82561275
Q5F1R6	DNAJC21	QQLSEEEENFSRPQJENPLDDNSEEMEDAPK	S370	0.34452394	1.52977136	0.67996588
Q5F1R6	DNAJC21	EFGDGSDNEMEEHELK	S283	0.48363709	0.58664579	0.75785402
Q5F1R6	DNAJC21	VDPEDTNLQDQSAK	S423	0.66506018	0.94727393	0.85781103
Q9H3Z4	DNAJC5	SLSTSGLSHYVLGLDK	S10	0.20310017	2.58891896	0.58387059
Q6XZ7	DNMBP	HETSDHEAEEPDCIIEAPTSPLGHLTSEYDTR	S342,S354	0.151716	2.34755048	0.55686437
P26358	DNMT1	EADDDVEVDNIPEMPSPK	S714	0.0577187	0.51360544	0.47702638
P26358	DNMT1	EADDDVEVDNIPEMPSPK	S714	0.08494102	0.75444096	0.50397847
O43598	DNP1	YFEADPPGQVAASPDPTT	S169	0.17435903	0.63529148	0.56898248
Q5QJE6	DNTTIP2	LYTSAPNTSQGK	S434	0.03270218	0.77595263	0.43874459
Q5QJE6	DNTTIP2	ESYTEEIVSEASHVSGISR	S148	0.23509049	6.26795205	0.6080317
Q96BY6	DOCK10	SQTLPIIR	T1440	0.41228543	0.77300664	0.72049544
Q9H7D0	DOCK5	NSTELAPPLPVR	S1834	0.83634807	0.93083046	0.9400727
Q96N67	DOCK7	SRSLNSNPDISGTPTSPDDEVR	S898	0.05894023	1.35697917	0.47702638
Q96N67	DOCK7	SMSIDDTPR	S182	0.05931318	1.45955453	0.47702638
Q96N67	DOCK7	SRSLNSNPDISGTPTSPDDEVR	S894,S910	0.21763159	1.25466412	0.60411977
Q96N67	DOCK7	MNSLTFK	S1383	0.74044173	0.95355335	0.89994504
Q96N67	DOCK7	SNSWVNTGGPK	S929	0.78407649	0.96257897	0.92036791
Q92785	DPF2	EDSQPPTVPSQR	S244	0.21984264	1.45009292	0.60482898
Q16555	DPYSL2	GLYDGPVCEVSVTPK	T509	0.2841979	0.80044101	0.64892143
Q16555	DPYSL2	TVTYPASSAKTSPAK	T512,T521,S522	0.70064676	1.11383995	0.87594502
Q14195	DPYSL3	GMVDGPFVFLTTTPK	T509	0.94979567	1.01322869	0.98215506
Q14126	DSG2	AASYTEEDENHTAK	S782	0.04410952	1.31375687	0.45441331
Q14126	DSG2	VVPSFLPVDQGGSLVGR	S680	0.98181994	0.98544508	0.99355276
Q9H410	DSN1	SLHLSPEQEQASASYQDR	S81	0.23519122	0.80893434	0.6080317
P15924	DSP	GLPSYNNMSSAPGSR	S2821,S2825	0.10064598	0.49602363	0.52414255
P15924	DSP	GLPSYNNMSSAPGSR	S2825	0.44738269	1.28707229	0.73811209
P15924	DSP	SMSFGQIR	S2209	0.53395674	0.78462128	0.78590527
Q8TEA8	DTD1	SASSGAEGDVSSSEREP	S196	0.16865715	0.86036585	0.56339013
Q8TEA8	DTD1	SASSGAEGDVSSSER	S197	0.29426886	0.61912993	0.6555018
Q14204	DYNC1H1	TDSTSDGRPAWMR	S4368	0.22572161	0.72836695	0.6080317

Q13409	DYNC112	SVSTPSEAGSQSDGDGAVGSR	S92	0.04952671	0.43276681	0.45652016
Q13409	DYNC112	SVSTPSEAGSQSDGDGAVGSR	T95	0.622002	0.90336022	0.83613383
Q9Y6G9	DYNC11U1	DFQEYVEPEGDFPASPQR	S207	0.16740039	0.70743572	0.56312413
Q9Y6G9	DYNC11U1	DFQEYVEPEGDFPASPQR	S207	0.39484269	0.87166383	0.71403973
Q9Y6G9	DYNC11U1	KPVTVSPTTPTSPTGEAS	S510	0.72097538	0.92537313	0.89093621
Q9Y6G9	DYNC11U1	KPVTVSPTTPTSPTGEAS	T512,S510	0.90784199	0.96368839	0.96679277
Q9Y6G9	DYNC11U1	KPVTVSPTTPTSPTGEAS	S516	0.90954682	1.03095238	0.9669909
O43237	DYNC11U2	DFQDYMEPEEGCQSPQR	S194	0.0792246	0.71159246	0.50397847
O43237	DYNC11U2	GGPASVSSSPGTSVK	S407	0.13167546	0.78202727	0.5444061
O43237	DYNC11U2	DFQDYMEPEEGCQSPQR	S194	0.26601167	0.92616679	0.63400981
Q13627	DYRK1A	IYQYQSR	Y321	0.84493648	0.9730124	0.94448596
Q96JC9	EAF1	DNPSPEPQLDDIK	S165	0.7784791	0.95414013	0.91504506
O00559	EBAG9	KLSDGQTLPTTVDYSSVPK	S36	0.45285448	1.57861508	0.73811209
Q99848	EBNA1BP2	ESYDDVSSFR	S270	0.13529994	0.71038102	0.5475768
Q9H8V3	ECT2	AFSFSK	S842	0.56193076	0.88498789	0.80548023
Q96F86	EDC3	SQDVAVSPQQQCSK	S131	0.69842087	0.91956374	0.87531349
Q6P2E9	EDC4	ETCSTLAESPR	S844	0.10542497	0.73652862	0.52598269
Q6P2E9	EDC4	DSQDASAEQSDHDEVASLASASGGFGTK	S875	0.59520652	0.9306962	0.82338978
O75530	EED	LSSDENSNPLSGDENDDAVSIESGNTERTPTNTNAPGR	T59,S24	0.71762032	0.93669528	0.88806482
P24534	EEF1B2	DDDDIDLFGSDDEESEEA	S106	0.30687114	1.98242541	0.66139614
P24534	EEF1B2	YGPADVEDTTGSGATDSKDDDDIDLFGSDDEESEEA	S106	0.31708862	2.23138952	0.66588611
P24534	EEF1B2	YGPADVEDTTGSGATDSK	S95	0.77579025	0.9483871	0.91412088
P24534	EEF1B2	YGPADVEDTTGSGATDSK	S90	0.8090638	0.93980963	0.92670839
P29692	EEF1D	KPATPAEDDEDDIDLFGSDNEEEDK	S162	0.40231601	1.36354823	0.7160132
P29692	EEF1D	ATAPQQTQHVSPMR	S133	0.52083452	0.8654311	0.77620221
P29692	EEF1D	KPATPAEDDEDDIDLFGSDNEEEDK	T147,S162	0.59528021	1.48156954	0.82338978
O00418	EEF2K	LEGVDGGQSPR	S18	0.1129455	0.91428571	0.53343618
O00418	EEF2K	ESENSGDSGYPSEK	S445	0.82845897	1.01712741	0.9364171
Q96C19	EFHD2	RADLNQIGIGEPQSPSR	S76	0.07935778	0.67467881	0.50397847
Q96C19	EFHD2	RADLNQIGIGEPQSPSR	S74	0.1163031	0.66716252	0.53343618
Q96C19	EFHD2	ADLNQIGIGEPQSPSR	S74	0.12412525	0.67817361	0.53975675
P00533	EGFR	GSHQSLDNPDYQQDFFPK	S1162	0.10046487	2.7670479	0.52414255
P00533	EGFR	GSHQSLDNPDYQQDFFPK	S1166	0.10918318	3.62251043	0.53337143
P00533	EGFR	ELVEPLTPSGEAPNQALLR	T693	0.79339462	1.15870306	0.9228136
Q9GZT9	EGLN1	AKPPADPAAAAASPCR	S125	0.15616751	0.6552645	0.55688781
Q8NDI1	EHBP1	QTESDPDADRITLHNADHSSK	S787	0.00967521	1.62269558	0.37254089
Q8NDI1	EHBP1	APAPPVLSPK	S408	0.276196	0.72999405	0.64141539
Q8NDI1	EHBP1	TSGSDDPGCSNTDSTQAQVLLGK	S664	0.40067304	0.79272625	0.7160132
Q8NDI1	EHBP1	KPSEDEVLNK	S1058	0.64976966	1.12836213	0.84958493
Q8N3D4	EHBP1L1	ANEAGGQVQGEAPRPPETSPEMR	T284	0.18542971	0.73785971	0.57433231
Q9H4M9	EHD1	DKPTYDEIFYTLSPVNGK	S456	0.59402181	0.9003209	0.82293287
Q9NZN4	EHD2	YDEIFYNLAPADGKLSGSK	S468	0.01303729	1.71606218	0.39919401
Q9NZN4	EHD2	GPDEAMEDGEEGSDDEAEWVVTK	S438	0.84006935	0.97119342	0.94241005
Q96KQ7	EHMT2	LNSGGGLSEELGSAR	S232	0.02040781	0.47072078	0.41830815
O14681	EI24	FSPSPHPSAK	S326,S330	0.04225446	0.37179487	0.45441331
Q9BY44	EIF2A	SDKSPDLAPTAPQSTPR	S506	0.13373125	1.32436678	0.5475768
Q9BY44	EIF2A	SPDLAPTAPQSTPR	S506	0.70112345	0.89618529	0.87594502
Q9UI10	EIF2B4	ASPSTAGETPSGVK	S130	0.90660675	0.98868703	0.98667296
P20042	EIF2S2	IESDVQEPTEPEDDLDIMLGK	S105	0.03784273	2.16333252	0.44815912
P20042	EIF2S2	SGDEMIFFPTMSK	S2	0.1149437	0.82147943	0.53343618
P20042	EIF2S2	IESDVQEPTEPEDDLDIMLGK	T111	0.12103969	1.67884909	0.53774744
P55884	EIF3B	AQAVSEDAAGGNEGR	S125	0.08412202	0.82386338	0.50397847
P55884	EIF3B	SDSRAQAVSEDAAGGNEGR	S117	0.14389108	0.59159483	0.53532644
P55884	EIF3B	SDSRAQAVSEDAAGGNEGR	S119	0.24862794	0.6323868	0.61691256
P55884	EIF3B	TEPAAEAESAAGSPSPAAEELPGSHAEPVPAQGEAPGEQAR	S85	0.29674223	0.83396705	0.63749804
Q99613	EIF3C	QNPEQSADEDAEK	S166	0.57739864	0.95680968	0.81432655
Q99613	EIF3C	QPLLLSEDEEDTK	S39	0.72758122	0.96467066	0.89396708
O75821	EIF3G	GIPLATGDTSPPELLPGAPLPPPK	S42	0.51572637	1.57614285	0.77421589
O75821	EIF3G	GIPLATGDTSPPELLPGAPLPPPK	T41	0.62720269	1.30358352	0.83899389
O15372	EIF3H	DFSPEALK	S183	0.13403156	0.68174001	0.5475768
P23588	EIF4B	ARPATDSFDDYPPR	S207	0.0464776	1.91505917	0.45625798
P23588	EIF4B	SLENETLNK	S445	0.15310547	0.79021716	0.55688781
P23588	EIF4B	EEDCHSPTSKPKPDQPLK	T461	0.49432678	1.15434925	0.76357885
P23588	EIF4B	AFGSGYR	S283	0.59347998	1.11355311	0.82284423
P23588	EIF4B	YAALSVDGEDENEGEDYAE	S597	0.88430332	1.04973412	0.95812202
Q13541	EIF4EBP1	RVVLGDGVQLPPDYSTTPGGTLFSTTPGGTR	T37,T41	0.35492662	1.66335555	0.68723258
Q13541	EIF4EBP1	TPPRDLPTIPGVTPSSDEPPMEASQSHLR	T77	0.37780806	2.27207759	0.70485968
Q13541	EIF4EBP1	DLPTIPGVTPSSDEPPMEASQSHLRNSPEDK	S94	0.45031313	1.44032975	0.73811209
Q13541	EIF4EBP1	FLMECRNSPVTK	S65	0.86387615	1.0942919	0.95206063
Q9NRA8	EIF4ENIF1	ASEENLLSSSVPSADRDSPTTNSK	S752	0.7765705	0.89976489	0.91412088
Q04637	EIF4G1	EAAALPPVSPLK	S1231	0.68880369	0.90291615	0.86958941
P78344	EIF4G2	FSPTMGR	S395	0.45094884	0.81256134	0.73811209
O60841	EIF5B	KQSFDDNDSELEEDK	S107	0.03895747	1.52657476	0.44872753
O60841	EIF5B	KWDGSEDEEDNSK	S164	0.06642312	1.30109671	0.48985272
O60841	EIF5B	KQSFDDNDSELEEDK	S107,S113	0.18817978	1.47059113	0.57474321
O60841	EIF5B	VEMYSGSDDDDDFNK	S137	0.40240386	0.9158466	0.7160132
O60841	EIF5B	QSFDDNDSELEEDK	S113	0.41113782	0.88139404	0.71912578
O60841	EIF5B	NKPGPNIESGNEDDASFK	S214	0.75402572	0.94863627	0.90767974
Q99607	ELF4	STSPVTDPSPIR	S188	0.40986375	0.77901131	0.71762621
P41970	ELK3	AASPVLLSSNSQK	S396	0.40864437	0.721544	0.71694309
P50402	EMD	QSVTSPFDADAFHHQVHDDLLSSSEEECK	S143	0.16704317	2.07045573	0.56312413

Q9HC35	EML4	APVSSSTEVSIQSNTPPPSQPLNETAEESR	S895	0.18541071	0.59614183	0.57433231
Q9HC35	EML4	ASPSQPQSSQLQIHR	S144,S146	0.19554947	0.60334072	0.58092537
Q9HC35	EML4	APVSSSTEVSIQSNTPPPSQPLNETAEESR	T897,T899	0.74657692	0.8978125	0.90316039
Q96N21	ENTHD2	HFEASCGQLSPAR	S356	0.39053194	0.77058519	0.71132527
Q09472	EP300	TEIKEEEDQPSTATSQSSPAPGQSK	S1038	0.82693746	0.93654005	0.9364171
Q96L91	EP400	ALSPVTSR	S736	0.16195131	0.71087197	0.55797736
Q9H4G0	EPB41L1	DKSDSDTEGLLFSR	S648	0.02228166	0.58223506	0.41830815
Q9H4G0	EPB41L1	SLDGAEFRSPASVSENHDAGPDGDK	S437,S441	0.02872888	0.2663994	0.42832144
Q9H4G0	EPB41L1	GACSTPDMMPQFEPVK	T686	0.03284934	0.46155472	0.43874459
Q9H4G0	EPB41L1	SLDGAEFRSPASVSENHDAGPDGDK	S430,S441	0.06629158	0.74891462	0.48985272
Q9H4G0	EPB41L1	SLDGAEFRSPASVSENHDAGPDGDK	S430	0.06762357	1.2900165	0.49083932
Q9H4G0	EPB41L1	SDSDTEGLLFSR	S650	0.14912299	0.80448549	0.55352644
Q9H4G0	EPB41L1	SEAEEGEVTRPTK	T475	0.22103325	1.17369309	0.60656454
Q9H4G0	EPB41L1	GAPSQDDESGGIEDSPDRGACSTPDMMPQFEPVK	S678,S685	0.22526182	0.5316634	0.6080317
Q9H4G0	EPB41L1	SLSPIHGK	S784	0.32007506	0.86216696	0.86890084
Q9H4G0	EPB41L1	APESDTGDEDDQDQERDTVFLK	T580	0.32396066	1.31428149	0.67067311
Q9H4G0	EPB41L1	GAPSQDDESGGIEDSPDR	S678	0.40688318	0.75939192	0.71690855
Q9H4G0	EPB41L1	GAPSQDDESGGIEDSPDRGACSTPDMMPQFEPVK	S678	0.41900857	1.07370375	0.72443047
Q9H4G0	EPB41L1	GAPSQDDESGGIEDSPDRGACSTPDMMPQFEPVK	T686	0.4339423	0.72650473	0.73152094
Q9H4G0	EPB41L1	DYSEADGLSER	S75	0.44586772	0.76971768	0.73811209
Q9H4G0	EPB41L1	SLDGAEFRSPASVSENHDAGPDGDK	S441	0.4625824	0.79274611	0.74438607
Q9H4G0	EPB41L1	APESDTGDEDDQDQERDTVFLK	S578	0.59251048	1.08854167	0.82284423
Q9H4G0	EPB41L1	LPSSPASPSK	S544	0.78500023	1.05062536	0.92039443
Q9H4G0	EPB41L1	SLDGAEFRSPASVSENHDAGPDGDK	S441	0.79255143	0.90852525	0.9228136
Q9H4G0	EPB41L1	HQASINELK	S510	0.93475613	1.01674107	0.97652346
O43491	EPB41L2	EISPGSGPGEIR	S715	0.07693756	1.1439559	0.50397847
O43491	EPB41L2	FLTGSK	S513	0.08585937	0.38914057	0.50397847
O43491	EPB41L2	EVAENQQNQSSDPEEEK	S39	0.08664194	1.25723577	0.50489821
O43491	EPB41L2	EISPGSGPGEIR	S718	0.19299174	0.82670952	0.57728191
O43491	EPB41L2	SYTLVVAK	S87	0.22164241	0.76428571	0.60775196
P29317	EPHA2	ARQSPEDVYFSK	S570	0.0597843	1.50173744	0.50172638
P29317	EPHA2	VLEDDPEATYTTSGGK	T771	0.11128986	0.38748403	0.53343618
P29317	EPHA2	LPSTSGSEGVFPR	S897,S901	0.23522829	0.71040424	0.6080317
P29317	EPHA2	LPSTSGSEGVFPR	S901	0.37037912	1.44914135	0.70105255
P29317	EPHA2	LPSTSGSEGVFPR	S897	0.50065835	0.70520196	0.76563097
Q9Y6I3	EPN1	SPGAFDMGVR	S435	0.09853559	0.5570846	0.5228915
P07814	EPRS	EYIPGQPPLQSSDSSPTRNSEPAGLETPEAK	S886	0.24847892	1.50865509	0.61691256
P07814	EPRS	EYIPGQPPLQSSDSSPTR	S882,S886	0.40180909	0.87238744	0.7160132
P07814	EPRS	EYIPGQPPLQSSDSSPTR	S886	0.81751296	1.03617363	0.93149014
P07814	EPRS	EYIPGQPPLQSSDSSPTR	T888,S886	0.83763318	0.95843685	0.94121001
P42566	EPS15	LNDPFPQFFGNDSPK	S814	0.76033218	0.91982379	0.90891497
Q9UBC2	EPS15L1	GSFGAMDDPFK	S593	0.35018711	0.70822794	0.68418829
Q9UBC2	EPS15L1	STPSHGSVSLNSTGSLSPK	S238,S255	0.46410266	0.87044173	0.74559723
Q12929	EPS8	DSVSSVSDISQYR	S58	0.98738905	1.00380504	0.99494412
Q9H6S3	EPS8L2	HSPTEPTPPGDALPPVSSPHTHR	S463,T483	0.28487047	0.80445434	0.64892143
Q96RT1	ERBB2IP	ETDLSLSEVTHNSNQNSNCSSPSR	S642	0.05048563	0.62407336	0.45652016
Q96RT1	ERBB2IP	TMSVDFNYSR	S1158	0.0736377	0.31491444	0.49918003
O15083	ERC2	TFWSPELK	S187	0.26581622	0.75659991	0.63400981
P28715	ERCC5	NAPAAVDEGSISPR	S384	0.04261176	1.2481203	0.45441331
P28715	ERCC5	ELTPASPTCTNSVSK	S526	0.4354626	1.09937888	0.73300743
Q2NKX8	ERCC6L	IVSDGEDDEDSFK	S1028	0.13842021	0.84395604	0.54797298
P50548	ERF	GSVSDCSDGTSELEPLGEDPR	S185	0.06688074	0.70148026	0.49083932
P50548	ERF	VRGEGPGEAGGLTPR	T526	0.24955168	0.8092781	0.61802971
P50548	ERF	TPADTGFAFPDWAYKPESSPGR	S21	0.43803788	1.5912109	0.73339934
P50548	ERF	LGRGVSDCSDGTSELEPLGEDPR	S185	0.53847325	1.17008599	0.78747426
Q86X53	ERIC1	ARQEEGADASEEDPTPAGEEDVK	S254	0.47938734	0.89518229	0.75541886
Q86X53	ERIC1	DTREEDGADASEEDLTR	S238	0.67962873	1.08539604	0.86312417
Q86X53	ERIC1	QEEGADASEEDPTPAGEEDVK	S254	0.87079913	0.96748735	0.9551058
Q5FWF5	ESCO1	LDSQVSPK	S412	0.15453391	0.66538313	0.55688781
Q9H501	ESF1	ALAEAESEELPSVDLNDPYFAEEVK	S657	0.13467696	2.55599238	0.5475768
Q9H6T0	ESRP2	MQGVPYTAGMK	T684	0.97426613	1.0058309	0.98993501
P11474	ESRRA	GSSETETEPVALAPGPAPTR	S27	0.08535191	0.2400837	0.50397847
Q6ZN32	ETV3L	FNFSK	S122	0.25725111	0.65851179	0.62621067
Q96A65	EXOC4	TLTSDDDVEDRENEK	T30	0.05369496	0.67261337	0.46935393
Q06265	EXOSC9	APIDTSDVEEK	S306	0.26088465	0.87238523	0.62872273
Q95677	EYA4	NNPSPPPSDLER	S361	0.70122111	0.95102765	0.87594502
Q9Y624	F11R	VIYQSPARSEGEFK	S284,S287	0.25123996	0.34083993	0.61962985
Q9Y624	F11R	VIYQSPARSEGEFK	S287	0.74777326	1.10260397	0.90350024
P55085	F2RL1	QMQLVLSK	S373	0.0588838	0.75564299	0.47702638
Q5T9C2	FAM102A	SSSLDLTHR	S251	0.40225273	0.83368928	0.7160132
Q9BTL3	FAM103A1	RPPEPPIVEEWNRSR	S36	0.70019453	1.09453245	0.87594502
Q969W3	FAM104A	GADAGSSGGTGPTGEGYSPAASTR	S21	0.1546702	0.62006427	0.55688781
Q8IWE2	FAM114A1	IHGVSNGSSEGAQPNTENGVEITDAATDQGAESPPTSPPSSASR	S196	0.21239604	2.69065237	0.59909252
Q6P1L5	FAM117B	SASWGSTDQLK	S273	0.0428515	0.79373281	0.45441331
Q9NZB2	FAM120A	SSPINPAQSGSPNHVDSAYFPGSSTSSSSDNDDESGGATNHISGNK	S442,S435	0.23605968	0.71755024	0.6080317
Q9NZB2	FAM120A	SSPINPAQSGSPNHVDSAYFPGSSTSSSSDNDDESGGATNHISGNK	S435	0.73370588	0.84927423	0.89605782
Q96E09	FAM122A	RIDFIPVSPAPSPTR	S143,S147	0.18160565	1.43605432	0.57200583
Q96E09	FAM122A	VSTTDDSPVSPAQAASPFPLDELSSK	S270	0.42716279	1.71991607	0.72966058
Q96E09	FAM122A	SNSAPLIHGLSDTSPVQAEAPSAR	T47	0.43886527	1.81229197	0.73371456
Q7Z309	FAM122B	RIDFTVSPAPSPTR	S115,S119	0.50189205	0.87394451	0.76563097
Q96TA1	FAM129B	GLLAQGLRPESPPAGPLLNGAPAGESPQPK	S665,S681	0.69121387	0.84889506	0.8713243

Q96TA1	FAM129B	AAPEASSPAPLQHLPGK	S692,S696	0.94432131	1.01495576	0.98136469
Q8NC44	FAM134A	QALDSEEEEEVAAK	S385	0.84832184	1.01954397	0.94550823
Q86VR2	FAM134C	GQTLTEGSEDLGHSDPEESFAR	S320	0.00373483	1.77275886	0.28722668
Q86VR2	FAM134C	GQTLTEGSEDLGHSDPEESFAR	S313,S320	0.19250683	1.537062	0.57728191
Q9Y6X4	FAM169A	NQSEEQSEASSEQLDQFTQSAEK	S619	0.27347921	0.89750609	0.63888342
Q9Y6X4	FAM169A	LESTARPSSESSEFEELEEPEQR	S376	0.76310407	0.90760596	0.91002821
A8MVVW0	FAM171A2	RDSLTSPEDELGAEVGDEAGDK	S792	0.42397348	0.67807003	0.72757489
Q6UWZ7	FAM175A	GFGEYSRSPTF	S406	0.75852499	1.01952353	0.90833103
P78312	FAM193A	LVLAESPPQK	S1144	0.00582405	0.58773616	0.31900981
P78312	FAM193A	ADSPPPSYPTQAEQAPNTCECHVCK	S393	0.10580241	0.76496691	0.52598269
C9JLW8	FAM195B	SPSSSEIFTPAHEENVR	S21	0.71296277	0.89934823	0.88522134
Q5VWN6	FAM208B	CTGDFSPSPEK	S1541	0.05978449	0.49077255	0.47702638
Q641Q2	FAM21A	GLFSEDEEDLDFSSQSASK	S539	0.15531622	1.60344886	0.56688781
Q9Y4E1	FAM21C	TPSDDEEDNLFAPPK	S333	0.1654758	1.10560626	0.56312413
Q9Y4E1	FAM21C	GLFSEDEEDLDFSSQSASNLK	S539	0.16656415	1.98044598	0.56312413
Q9Y4E1	FAM21C	ETVSEAPPLFSDDEEK	S726	0.32124811	1.23216472	0.67020204
Q9Y4E1	FAM21C	AVASPEATVVSQTDENK	S498	0.32167677	0.85915526	0.67020204
Q9Y4E1	FAM21C	RTPSDDEEDNLFAPPK	S333	0.38833379	1.13112285	0.71060254
Q9Y4E1	FAM21C	SRPTSFADELAAR	S288	0.39179027	1.22366696	0.71204522
Q9Y4E1	FAM21C	SRPTSFADELAAR	S284,S288	0.5070171	0.81197479	0.76766855
Q9Y4E1	FAM21C	RSRPTSFADELAAR	S284,S288	0.74011573	0.92677824	0.899694504
Q9Y4E1	FAM21C	TVLSLFDEEEDK	S800	0.93228351	1.03753728	0.97583851
Q14153	FAM53B	SSSFLPSR	S167	0.06333159	0.81594322	0.47702638
Q14153	FAM53B	SRSQPCVLNDK	S268	0.22678655	1.70826251	0.6080317
Q9NYF3	FAM53C	SRSQPCLDAR	S271	0.62014187	0.92077215	0.83526343
Q9BSJ6	FAM64A	SLQHQEQLDESK	S16	0.00502235	0.51211837	0.31681062
Q5HYJ3	FAM76B	ISNLSPEEEQGLWK	S193	0.61687753	0.94326241	0.83347439
Q6ZRV2	FAM83H	RGSPVPPVPER	S914	0.01225804	0.61948529	0.39919401
Q6ZRV2	FAM83H	GSPTSAYPER	S870	0.01250318	0.54823824	0.39919401
Q6ZRV2	FAM83H	VPVPGPGSGGNGPER	S647	0.01812526	0.52591541	0.41830815
Q6ZRV2	FAM83H	GSPTPGFSTR	S881	0.07433834	0.61355014	0.49918003
Q6ZRV2	FAM83H	RGSPPTGFIEQK	S892	0.0799877	0.68268985	0.50397847
Q6ZRV2	FAM83H	KGSPTPGFSTR	S881	0.43047216	0.70732452	0.73031829
Q6ZRV2	FAM83H	RLSLGQGDSTEAATEER	S1003	0.43167761	0.80357143	0.73056398
Q658Y4	FAM91A1	SPVQEAASATDTDTNSQEDPADTASVSSLSTGHTK	S355	0.36972882	1.24123187	0.70105255
Q9HB96	FANCE	SLESADGGSASPDK	S249	0.11440496	0.67341639	0.53343618
Q9NV11	FANCI	EDGEDENEETGASEHGGQNK	S1312	0.06203575	0.5555323	0.47702638
Q9NV11	FANCI	TIETSPSLSR	S407	0.11819817	0.59133647	0.53608376
Q9Y4F1	FARP1	SPDEATAADQESSEDLASRSTSLER	S899	0.05644937	1.75407001	0.47702638
Q9Y4F1	FARP1	LGAPENSGISTLER	S23	0.29087429	0.72099375	0.65205353
Q9Y4F1	FARP1	VSAGEPGSHPSAPR	S427	0.61775634	1.08110631	0.83417356
Q9Y4F1	FARP1	SPDEATAADQESSEDLASR	S889	0.89786717	1.01649557	0.96293924
P49327	FASN	ADEASELACPTPK	T2204	0.45790338	1.15252785	0.74108047
Q9HCM7	FBRSL1	RPLEAGSPQGDLEPACDGAR	S141	0.05688501	0.6880716	0.47702638
Q5XUX1	FBXW9	TWDDDDSPPESETDPDAQAK	S18	0.06303879	1.4903443	0.47702638
Q5XUX1	FBXW9	VLSPPK	S39	0.59279348	0.88678733	0.82284423
Q0JRZ9	FCHO2	DAESVECPDADSLNIPDVDEEGYSIKPETNQNDTK	S312	0.24622603	1.74115757	0.61377267
Q0JRZ9	FCHO2	NLSNEELTK	S403	0.50635254	0.9403794	0.76766855
Q6ZV73	FGD6	GVSSSFDMPK	S554	0.19352315	1.08100681	0.57728191
Q6ZV73	FGD6	ITFCPSRSLDEADSENK	S1197	0.19791581	1.35683578	0.58169594
Q6ZV73	FGD6	AASEELLEK	S515	0.24483781	1.15909091	0.61377267
Q6ZV73	FGD6	IEFADLSPSPSFEK	S230	0.45878085	1.62628715	0.74160036
Q6ZV73	FGD6	AYSTENYSLESQK	S692	0.72863005	1.06776324	0.89429861
Q6ZV73	FGD6	AESLDDQMLSR	S721	0.91059822	1.01142426	0.9669909
O95684	FGFR10P	GPTTGEGALDLSLVHSPKSPGPK	S156,S160	0.71322262	1.0916775	0.88522134
P22455	FGFR4	RPPGPDLSPDGPR	S573	0.0052444	0.23288501	0.31900981
Q9Y613	FHOD1	EPLIPASPK	S523	0.38386423	0.81892707	0.70957373
Q6UN15	FIP1L1	DHSPTPSVFNDSDEERYR	S492,S500	0.04663104	1.42464498	0.45625798
Q6UN15	FIP1L1	ERDHSPTPSVFNDSDEER	S492	0.64968047	1.09452736	0.84958493
Q6UN15	FIP1L1	DHSPTPSVFNDSDEER	S492	0.72846642	0.97086093	0.89429861
Q6UN15	FIP1L1	DHSPTPSVFNDSDEER	T494,S500	0.76185967	1.07298906	0.90951853
Q5T1M5	FKBP15	RPSQEQSASASSGQPQAPLNR	S960	0.36087813	1.15144766	0.692567
Q5T1M5	FKBP15	SSLSGDEEDELFK	S1161	0.49725882	1.15651746	0.76446134
Q5T1M5	FKBP15	SSLSGDEEDELFK	S1164	0.86319446	1.01203216	0.95161386
Q02790	FKBP4	AEASSGDHPTDTEMK	S430	0.48328465	0.87259548	0.75785402
Q8NFG4	FLCN	AHSPAEGASVSSSPGPK	S62	0.26664242	1.32130814	0.63463477
Q13045	FLII	NAEAVLQSPGLSGK	S856	0.21440254	0.73833544	0.60179491
P21333	FLNA	AFGPGLQGGSAGSPAR	S1084	0.23941165	0.6366938	0.61121846
P21333	FLNA	CSGPGLSPGMVR	S1459	0.97280546	1.00739176	0.98966465
O75369	FLNB	YADEEIPRSPFK	S1505	0.87742942	0.96736142	0.95556965
Q96PY5	FMNL2	SIEDLHR	S171	0.42834695	1.12934363	0.72966058
Q5T0N5	FNBP1L	HSSDINHVLVTQGRESPEGSYTDANQEV	S501	0.21832448	1.30008271	0.60411977
Q8N3X1	FNBP4	ALEEGDGSVSGSSPR	S432	0.3564404	1.11575803	0.68810579
Q8N3X1	FNBP4	TGRDTPENGETAIGAENSEK	T479	0.52321007	1.18086957	0.77709199
Q53EP0	FNDC3B	LNSPPSIYK	S208	0.0460695	0.71712277	0.45625798
P15407	FOSL1	RRPCEQSPPEEER	S101	0.50382846	1.08494209	0.76766855
P15408	FOSL2	QEPLLEEDSPSSSAGLDK	S230	0.22940932	1.24329329	0.6080317
P15408	FOSL2	RSSSSGQSDSLNSLNTLLAL	S308	0.26704084	1.40462896	0.63484011
P15408	FOSL2	GSSGSPAHAESYSSGGGQK	S19	0.67456752	1.07257159	0.86131187
P55317	FOXA1	TGQLEGAPAGPAASQTLDHSGATATGGASELK	S331	0.95453983	0.9690965	0.98367301
Q9Y261	FOXA2	AAAGAQAQSLQLEAGAPASETGAGTSPHSSASPCQEHK	S303,S306	0.12090644	0.60215606	0.53774744



Q9Y261	FOXA2	AAAGAQAQAQLGEAAGPASET	PAGTESPHSSASPCQEHK	T301	0.51422027	0.7806094	0.77363444
Q9P0K8	FOXJ2	CSPGSPDTPNATLSK		S46	0.49829204	1.10962242	0.76446134
P85037	FOXK1	EEAPASPLRPLYPQISPLK		S213,S223	0.04038931	0.54988459	0.45309702
P85037	FOXK1	SGGLQTPECLSR		T436	0.27335485	1.34244163	0.63888342
P85037	FOXK1	EEAPASPLRPLYPQISPLK		S213	0.33458166	2.00748963	0.67662903
P85037	FOXK1	SGGLQTPECLSR		S441	0.36720708	0.74437274	0.69793663
P85037	FOXK1	SGGLQTPECLSRREGSPIPHDPEFGSK		S441,S445	0.68193052	0.9104285	0.86504202
Q01167	FOXK2	EGSPAPLEPEPGAAQPK		S398	0.54673078	0.82845061	0.7933521
Q8IVH2	FOXP4	RDSSSHEETPGSHPLYGHGECK		S291	0.04568338	0.3799566	0.45625798
Q70Z53	FRA10AC1	SEDSLRLNSDEEESAASELWK		S278	0.04440658	1.42399807	0.45441331
Q8IY81	FTSJ3	GTEASSGTEAATGLEGEEK		S598	0.15985014	0.82458888	0.55746307
Q8IY81	FTSJ3	SDDDDGFEIVPIEDPAK		S644	0.89731001	1.03161751	0.96293924
Q96AE4	FUBP1	QQAAYYAQTSPPQMPQHPPAPQGG		S630	0.87261747	1.06011905	0.95542841
Q9BWH2	FUNDC2	SNQIPTVTR		S151	0.02722427	0.2775378	0.41837587
P51114	FXR1	DPDSNPYSLLDNTESDQTADTDASESHHSTNRR		T500	0.11018416	1.34964526	0.53343618
P51114	FXR1	DPDSNPYSLLDNTESDQTADTDASESHHSTNR		S485	0.17920821	0.82672065	0.56898248
P51114	FXR1	RGPNYTSGYGTNSELSNPSETESER		S409	0.19704148	0.78391685	0.58169594
P51114	FXR1	DPDSNPYSLLDNTESDQTADTDASESHHSTNR		T500	0.25000934	1.22912252	0.61811355
P51114	FXR1	DPDSNPYSLLDNTESDQTADTDASESHHSTNR		S494	0.32165571	1.21022797	0.67020204
P51114	FXR1	DPDSNPYSLLDNTESDQTADTDASESHHSTNR		S496	0.75932425	1.03414391	0.90862076
P51114	FXR1	RGPNYTSGYGTNSELSNPSETESER		S406,S409	0.80641667	1.03698934	0.92607772
P51114	FXR1	DPDSNPYSLLDNTESDQTADTDASESHHSTNR		T491	0.84117473	1.05911811	0.94290531
P51116	FXR2	DPDSNPYSLLDNTSEPEPPVDSEPEPPASAR		S533	0.1827047	0.68621561	0.57200583
P51116	FXR2	AGYSTDESSSSHLATR		S410	0.19885215	0.67775564	0.58169594
P51116	FXR2	RTGGPAYGPPSDVSTASETESEK		S453	0.23576442	1.4067027	1.6080317
P51116	FXR2	TGGPAYGPPSDVSTASETESEK		S453	0.24518721	0.82166733	0.61377267
P51116	FXR2	TGGSISGRDQPVTVADYISR		S601,S603	0.54457521	1.2832397	0.79229018
P51116	FXR2	TGGSISGRDQPVTVADYISR		S601	0.70077908	0.91866801	0.87594502
P06241	FYN	LIEDNEYTR		Y420	0.00584308	0.44968892	0.31900981
Q9UM11	FZR1	RSSPDDGNDVSPYSLSPVSNK		S137	0.13540221	0.78060201	0.5475768
Q13283	G3BP1	YQDEVFVGFTPEPQEESEEEVEEPEER		S149	0.15160766	1.66611018	0.55686437
Q13283	G3BP1	SSSPAPADIAQTVQEDLR		S232	0.40522286	0.93425606	0.7160132
Q9UN86	G3BP2	STTPPPAPEVSLPQEPK		S225	0.47990499	0.74150902	0.75569707
Q9UN86	G3BP2	YEDEVFGDSEPELDEESEDEVEEEQEER		S149	0.49114792	0.87247536	0.76263004
Q9UN86	G3BP2	STTPPPAPEVSLPQEPK		T227	0.51057434	0.77689405	0.77147476
Q14C86	GAPVD1	SRSSDIVSSVR		S902	0.01245809	1.67313713	0.39919401
Q14C86	GAPVD1	SSDIVSSVR		S902	0.07170995	1.4451127	0.49571338
Q14C86	GAPVD1	LQELESCEGLGSDSDTDVTR		S746	0.09036455	0.64811447	0.51018936
Q14C86	GAPVD1	EVSSRPSTGLSVVSGISATSEDI PNK		S758,S761	0.29383306	1.55802609	0.6555018
Q14C86	GAPVD1	DEALQNISADDLPDSASQAAHPQDSAFYSR		S1105	0.40276976	0.79680025	0.7160132
Q86YP4	GATAD2A	RPPSPDIVILSDNEQPSSPR		S100,S114	0.12995992	0.59300477	0.54344847
Q86YP4	GATAD2A	RPPSPDIVILSDNEQPSSPR		S100,S107,S113	0.67622617	1.30069957	0.86185127
Q8WXI9	GATAD2B	GRLTPSPDIVILSDNEASSPR		T120,S135	0.28642058	1.25861899	0.65007167
Q92538	GBF1	AASSSPGSPVASSPSR		S1789	0.02229595	0.68632554	0.41830815
Q92538	GBF1	EDLTDLEQPGSPGYSTATPEGSSSELGVPEQDQLQEGTHVEK		S314	0.03205716	1.93804208	0.43874459
Q92538	GBF1	GYTSDSEVYTDHGRPGK		T1317	0.06766605	1.37675507	0.49083932
Q92538	GBF1	GYTSDSEVYTDHGRPGK		S1318	0.14899999	1.26261937	0.55352644
Q92538	GBF1	ADAPDAGAQSDELSYPHQNDVSLDR		S1298	0.151828	1.21364796	0.55686437
P16383	GCFC2	RESEDDPESEPDDEK		S180	0.30817404	1.27106537	0.66139614
P16383	GCFC2	RESEDDPESEPDDEK		S174,S180	0.57463111	1.1104562	0.81432655
P48506	GCLC	GLLSQGSPLSWEETK		S8	0.72273606	0.912843	0.89157396
Q9BZD3	GCOM2	VSSQAEDTSSSFDNLFIDR		S179	0.4654247	0.65885785	0.74679609
Q8TEQ6	GEMIN5	ENSGPVENGVSQDEGEEQAREPELPCGLAPAVSR		S778	0.29722696	0.82021313	0.65749804
Q8TEQ6	GEMIN5	ENSGPVENGVSQDEGEEQAR		S778	0.34020724	0.70237934	0.67842858
Q06210	GFPT1	VDSITCLFVVEEK		S261	0.87503665	1.04220859	0.95556965
Q94808	GFPT2	RLDSSACLHAVGDK		S244	0.54635969	1.12648221	0.7933521
Q9H3C7	GGNBP2	EDDGDSCEVCWANSEENDTK		S515	0.94623463	1.00681706	0.98213577
O75420	GIGYF1	SLSPVDSGR		S638	0.59259978	0.97188546	0.82284423
O75420	GIGYF1	GIQLSPGVSSAGPPGDLLEDEGLK		S406	0.75678875	1.04346146	0.90833103
Q6Y7W6	GIGYF2	EPIPEEQEMDFRPVDEGEECSDEGSHNEEAK		S335	0.1587362	0.82758057	0.55688781
Q6Y7W6	GIGYF2	WRPHSPDGPR		S236	0.55342278	1.11066826	0.79781836
Q6Y7W6	GIGYF2	VGVEASEETPQTSSSARPPTPSDHQSEASQFER		T382	0.75180287	1.07678374	0.90658581
Q9Y2X7	GIT1	SLSSPTDNLLESLR		S362	0.15532434	1.65425459	0.55688781
Q9Y2X7	GIT1	SQSDLDQHDHYDSVASDEDTDQEPLR		S388	0.38573051	1.40186369	0.71060254
Q9Y2X7	GIT1	HGSGADSDYENTQSGDPLLGLEGK		S596	0.68496787	1.04665045	0.86760918
P17302	GJA1	SDPYHATSGALSPAK		S255	0.67007653	1.16344356	0.86045622
P10070	GLI2	RSSEASPLGAGRPHNASSADSYDPISTDASR		S835	0.44782547	1.33239685	0.73811209
P10075	GLI4	SPGSAQDEPAGGAGALR		S86	0.67694486	0.9447403	0.86220343
P49915	GMPS	TLNMTTSPEEK		S332	0.48604625	0.91036717	0.75953527
P36915	GNL1	EEQTDTSDEGVSITHHIR		S51	0.15640892	1.29475983	0.55688781
Q13439	GOLGA4	EENPESDGEPPVVEDGTSVK		S266	0.33958066	0.88348734	0.67842858
Q13439	GOLGA4	VPSVESLFR		S71	0.37043936	1.28590137	0.70105255
Q13439	GOLGA4	TSSFTEQLDEGTPNR		S41	0.5427477	0.92234963	0.79120965
Q9NW75	GPATCH2	QGDDEQSDWFYEK		S284	0.06724805	0.51517113	0.49083932
Q9NWQ4	GPATCH2L	SPSSVELWR		S447	0.08155128	0.6877861	0.50397847
Q5T3I0	GPATCH4	DLESKSDDDNQSGK		S130	0.30039458	0.85457126	0.65817287
Q9UKJ3	GPATCH8	GPKEPPGSGSPAPPR		S738	0.18560739	1.18341592	0.57433231
Q9UKJ3	GPATCH8	SQSPHYFR		S1035	0.19103394	1.35616206	0.57584619
Q9UKJ3	GPATCH8	KPSVSEEVQATPNK		S1107	0.4983338	0.88939625	0.76446134
Q9UKJ3	GPATCH8	RSWGHESPEER		S1014	0.80356349	1.16210952	0.92467356
Q9NPB8	GPCPD1	LTLLEGLEDDDDRVSPVTLHK		S175	0.10042468	1.64313294	0.52414255

P06744	GPI	SNTPIVLVDGK	T109	0.93512613	0.98710885	0.97652346
Q9HCN4	GPN1	GTLDEEEEDSDTDDIDHR	S338	0.26196965	0.91502809	0.63004432
Q86SQ4	GPR126	NSHTDNVSYEHFSNK	S1199	0.09581263	0.46068595	0.51670111
Q8NFJ5	GPRC5A	AHAWVSPYK	S345	0.93268112	0.98422713	0.97583851
Q722K8	GPRIN1	SPSGAGEGASCSDGPR	S73	0.00487996	0.31699349	0.31681062
Q13098	GPS1	EGSQGELTPANSQSR	T479	0.04709425	0.56190432	0.45625798
Q13098	GPS1	EGSQGELTPANSQSR	S474	0.22742689	0.76450703	0.6080317
Q96CP6	GRAMD1A	RPLSWR	S560	0.04476256	0.12789113	0.45441331
Q3KR37	GRAMD1B	SSIETKPDASPQLPK	S274	0.0081448	0.18988827	0.35749468
Q4V328	GRIPAP1	SLSSSPQAQPPRAELSDVEEVALFQR	S690	0.3884521	1.7840632	0.71060254
Q14687	GSE1	GPPTQELDRDEEEEEDEDEDGEDEEEVPK	S1101	0.5965374	0.89063847	0.8234368
P49840	GSK3A	GEPNVSYICSR	Y279	0.17953689	0.81351981	0.56916727
P49840	GSK3A	TSSFAEPGGGGGGGGGGPGGSASGPGGTGGGK	T19	0.21005326	0.57564165	0.59639193
P35269	GTF2F1	LDTGPQSLSGK	S433	0.02932837	1.3591716	0.43032203
P35269	GTF2F1	GNSRPGTSPAEGGSTSSTLR	T389	0.26993642	1.80022574	0.63502787
P35269	GTF2F1	TTPNSGDVQVTEDAVR	T446	0.38517528	1.2641945	0.71060254
P35269	GTF2F1	GNSRPGTSPAEGGSTSSTLR	S385	0.56638602	0.79597585	0.81040028
P35269	GTF2F1	GNSRPGTSPAEGGSTSSTLR	T389,S385	0.63830539	0.88088597	0.84338453
P78347	GTF2I	SILSPGGSCGPIK	S210	0.43707443	0.75955838	0.73338954
Q12789	GTF3C1	TSQPPVQGEAEEDSQGK	S739	0.08498251	1.35548842	0.50397847
Q12789	GTF3C1	RASWASENETDAEGTQMTPAK	S1865,S1868	0.12160648	0.73139378	0.53786538
Q12789	GTF3C1	KNSSTDQGSDEEGSLQK	S1062,S1068	0.22272941	0.82699847	0.6080317
Q12789	GTF3C1	KNSSTDQGSDEEGSLQK	S1062	0.22853949	0.90032576	0.6080317
Q12789	GTF3C1	KNSSTDQGSDEEGSLQK	S1063,S1068	0.26881001	0.78299562	0.63502787
Q12789	GTF3C1	RASWASENETDAEGTQMTPAK	S1865	0.30431428	0.6638095	0.6612054
Q12789	GTF3C1	EDPQARPLEGSSSEDSPPPEGQAPPSHSPR	S1856	0.31197602	1.21150424	0.66201195
Q12789	GTF3C1	AGVRRPSSSGSAWEACSEAPSK	S848	0.31675117	0.6336116	0.6655833
Q12789	GTF3C1	NSSTDQGSDEEGSLQK	S1068	0.34007689	1.37098674	0.67842858
Q12789	GTF3C1	NSSTDQGSDEEGSLQK	S1063,S1068	0.67324838	1.22712453	0.86131187
Q12789	GTF3C1	DGSLEDDDEDEDDLEDEGVGGK	S1611	0.86088183	0.97679183	0.95107454
Q12789	GTF3C1	EDPQARPLEGSSSEDSPPPEGQAPPSHSPR	S1854	0.8670837	0.98383085	0.95376438
Q8WUA4	GTF3C2	DLDRPESQSPK	S167	0.11809969	1.49362197	0.53608376
Q8WUA4	GTF3C2	DLDRPESQSPK	S165	0.24424975	1.21907646	0.61377267
Q9Y5Q9	GTF3C3	GKLSAEENPDDSEVPSSSGINSTK	S43	0.72356249	0.9549133	0.89157396
Q9UKN8	GTF3C4	ILLVDSPGMGADDEQEEGTSSK	S611	0.73416444	0.94007491	0.89630001
Q9NVZ3	GTSE1	LVDVSPDR	S575	0.28147963	0.49949121	0.6455595
Q9H116	GZF1	SFLVIVDGSFK	S613	0.48761106	1.46143716	0.75953527
P49590	HARS2	DLSQHMVVR	S67	0.00539263	0.72011508	0.31900981
O14929	HAT1	LISPYK	S361	0.04567101	0.56894886	0.45625798
Q724H7	HAUS6	AVLSDSPQLSEGG	S552	0.04805038	0.68295196	0.45625798
Q724H7	HAUS6	TPENLITEIR	T584	0.18622408	0.51959878	0.57474321
Q99871	HAUS7	GGDDYSEDEGDSSVSR	S26	0.11475043	0.78025517	0.53343618
Q13547	HDAC1	MLPHAPGVQMQAIPEDAIPESGDEDEDPPDK	S393	0.86934446	1.11810921	0.95442216
Q92769	HDAC2	MLPHAPGVQMQAIPEDAVHEDSGDEDEDPPDK	S394	0.65518076	0.80101303	0.85263945
O15379	HDAC3	GPEENYSRPEAPNEFYDGDHNDKESDVEI	S424	0.53371914	0.85064212	0.85095027
P56524	HDAC4	QEIPIESDEEAEPPREVEPGQR	S565	0.40166317	0.96301333	0.7160132
Q8WU14	HDAC7	AQSSPAAPASLSAPEPASQAR	S486	0.66028589	0.79036751	0.85521798
P51858	HDGF	AGDLLSDSPK	S165	0.23153947	1.16815827	0.6080317
P51858	HDGF	SCVEEPEPEAAEGDGDK	S107	0.54544057	0.80619468	0.79285559
Q724V5	HDGFRP2	EGPDLDRPGSDRQER	S652	0.10399637	1.27833669	0.52476522
Q724V5	HDGFRP2	ADSDGAKPEPVAMAR	S240	0.50619461	0.80133432	0.76766855
Q724V5	HDGFRP2	ARGDSEALDEES	S664	0.88793173	0.98969072	0.95935633
Q00341	HDLBP	VATLNSEEEEDPPPTYK	S31	0.79275369	0.97115083	0.9228136
Q6AI08	HEATR6	IQQGEIEEKESSGEIEAAPVTGTGR	S337	0.17510056	0.76219439	0.56898248
Q6AI08	HEATR6	APAGPSLEETSVSPPK	S643	0.96644596	0.99410886	0.99410886
Q9ULT8	HECTD1	VSTLAGPSSDDENEESKPEK	S632	0.11936951	0.82626047	0.53759949
Q9ULT8	HECTD1	VSTLAGPSSDDENEESKPEK	S631	0.14272928	0.80082759	0.55222534
P42694	HELZ	RISSSSQPCSEEVSTPQDSLAQCK	S1765	0.40197186	1.46389577	0.7160132
Q15751	HERC1	SRSESDLSQPESDEEGYALSGR	S1510	0.69444306	1.09529122	0.87245997
Q95714	HERC2	IRAEEDLAAVPLASDNEEEDEK	S2928	0.4732564	1.37139214	0.75075773
Q95714	HERC2	IGNEESDLEACILPHSPINVDK	S1577	0.58168935	1.23515731	0.81832936
Q96MH2	HEXIM2	TQSPGGCSAEAVLAR	S76	0.33335058	0.9443787	0.67622969
Q96MH2	HEXIM2	TSGAPGSPQTPPER	S29	0.98259021	1.00311136	0.99355276
Q8IV36	HID1	SLEPEPQQSLEDGSPAK	S653	0.00171973	0.60982775	0.27314524
Q8IV36	HID1	TGSQEGTSMEGSRPAAPAEPTLTK	S593	0.03583453	2.12591485	0.43916474
Q9BW71	HIRIP3	NGVAAEVSPAK	S125	0.19661941	0.82620318	0.58169594
Q9BW71	HIRIP3	ESEQESEIEILAQK	S227	0.88672548	1.03708011	0.95863404
P16403	HIST1H1C	ASGPPVSELITK	S36	0.18269082	0.68385493	0.57200583
P10412	HIST1H1E	SETAPAAPAAPAPAEK	S2	0.40854536	0.92244315	0.71694309
Q8NCD3	HJURP	GGPASPGGQLGLETR	S473	0.84697021	1.0347493	0.9453218
Q9NP66	HMG20A	SPLTGYVR	S105	0.02250385	0.71060389	0.41830815
P17096	HMGA1	EEEEGISQESSEEEQ	S103	0.79740348	0.94315992	0.92373279
P52926	HMGA2	QQQEPTGEPSPK	S44	0.58774535	0.91194823	0.82150771
Q01581	HMGCS1	RPTPNDTDLDEGVGLVHSNIATEHIPSAPK	S495	0.4330978	1.89340969	0.73152094
P05114	HMGN1	TEESPASDEAGEK	S86,S89	0.17604615	1.79889462	0.56898248
Q9UGU5	HMGXB4	ASSVGLSPQK	S497	0.1129592	0.63300971	0.53343618
Q9UGU5	HMGXB4	SPPTTMLLPASPAK	S502,S512	0.45759447	0.77191018	0.74096613
P09601	HMOX1	DQSPSRAPGLR	S229	0.18345632	0.73283898	0.57261319
Q9UK76	HN1	SSGGREDLESSGLQR	S71	0.01730059	0.58053104	0.41830815
Q9UK76	HN1	NSSEASSGDFLDLK	S87	0.17529836	0.79415002	0.56898248
Q9UK76	HN1	RNSSEASSGDFLDLK	S88	0.23659533	0.82636364	0.6080317

Q9UK76	HN1	RNSSEASSGDFLDLK	S87	0.2563891	0.86787975	0.6256271
Q9H910	HN1L	TSDFGSPVATSR	S97	0.37188254	0.78723414	0.7012243
Q13151	HNRNPA0	EDIYGGGGGGGS	S188	0.32737945	0.84918532	0.67305029
P09651	HNRNPA1	SESPKEPEQLR	S6	0.10267708	1.30044444	0.52414255
P09651	HNRNPA1	EDSQRPAGHLTVK	S95	0.14437813	1.74725994	0.55352644
P09651	HNRNPA1	NQGGYGGSSSSSYGSGR	S363	0.15381957	0.59439073	0.55688781
P09651	HNRNPA1	NQGGYGGSSSSSYGSGR	S368	0.22931804	0.79917139	0.6080317
P09651	HNRNPA1	NQGGYGGSSSSSYGSGR	S365	0.46080261	0.85404057	0.74263181
P22626	HNRNPA2B1	GGNFGFGDSR	S212	0.12501485	0.59987786	0.5401424
P22626	HNRNPA2B1	FGFDGNGYGGGPGGNFGGSPGYGGGR	S259	0.33817131	0.68648931	0.67736506
P51991	HNRNPA3	SSGSPYGGYGGSSGGYGS	S358	0.95126177	1.01260193	0.98285966
P07910	HNRNPC	MESEGGADDSAEEGDLLDDDDNEDRGDDQLELIK	S253	0.19041102	2.35653432	0.57584619
P07910	HNRNPC	MESEGGADDSAEEGDLLDDDDNEDRGDDQLELIK	S260	0.24985662	2.08471653	0.61811355
P07910	HNRNPC	MESEGGADDSAEEGDLLDDDDNEDR	S260	0.25212683	0.85328443	0.61962985
P07910	HNRNPC	EAEEGEDDRDSANGEDDS	S299	0.96299056	0.99353588	0.56359866
Q14103	HNRNPD	NEEDEGHSSNPRHSEAAATQR	S80,S87	0.51862505	0.94375457	0.77588784
O14979	HNRNPD	VFVGGSLPDTSEEQIK	S241	0.62894526	0.87760277	0.83899389
P52597	HNRNPF	HSGPNSADSANDFVFR	S104	0.10631823	1.53651325	0.52609195
P31943	HNRNPH1	HTGPNSPDTANDGFVR	S104	0.51073242	1.06805075	0.77147476
P61978	HNRNPK	RDYDDMSPR	S284	0.75610698	1.08203445	0.90833103
P61978	HNRNPK	DYDDMSPR	S284	0.79513516	0.96302383	0.92631025
Q8WVV9	HNRNPL	TEEGEIDYSAEEGENRR	S35	0.87275778	1.04341069	0.95542841
P52272	HNRNPM	MGANSLER	S575	0.78494078	0.93451142	0.92039443
Q00839	HNRNPU	LQAALDDEEAGRPAMEPGNGSLDLGGDSAGR	S59	0.33294511	1.21559102	0.67622969
Q1KMD3	HNRNPUL2	SKSPLPPEEAK	S228	0.30783373	1.51148742	0.503939614
Q1KMD3	HNRNPUL2	EEDPEERSGDETPGSEVPDGK	S161	0.91473035	1.01193756	0.96814115
Q1KMD3	HNRNPUL2	SPLPPEEAK	S228	0.97049012	0.98235927	0.98915891
Q9NSC5	HOMER3	SQSADAPGPTER	S159	0.07754857	1.65559048	0.50397847
Q5SSJ5	HP1BP3	NRSSAVDPEPVQK	S249	0.05998582	0.46603179	0.47702638
Q9UPZ3	HP5	RGSSQSEDECSLHSQTLSEDER	S461	0.77610397	0.96119006	0.91412088
P35367	HRH1	SGSNTGLDVIK	S380	0.17554538	0.88193209	0.56898248
Q00613	HSF1	GHTDTEGRPPSPPTSTPEK	S363	0.03395672	1.90188104	0.43874459
P07900	HSP90AA1	ESEDKPEIEDVGSDEEEEEK	S263	0.43388376	0.90420561	0.73152094
P07900	HSP90AA1	ESEDKPEIEDVGSDEEEEEK	S263	0.70134894	1.08499217	0.87594502
P07900	HSP90AA1	ESEDKPEIEDVGSDEEEEEK	S252	0.87444501	1.03480783	0.95556965
P07900	HSP90AA1	EKESEDKPEIEDVGSDEEEEEK	S252,S263	0.94980629	1.02465483	0.98215506
P08238	HSP90AB1	IEDVGSDEEDDSGK	S255	0.17768158	0.88950276	0.56898248
P08238	HSP90AB1	IEDVGSDEEDDSGKDK	S255	0.2458055	1.20841323	0.61377267
P08238	HSP90AB1	IEDVGSDEEDDSGK	S255,S261	0.33287993	1.37222799	0.67622969
P08238	HSP90AB1	EISDDAEEEEK	S226	0.60727485	0.95622352	0.82983763
P08238	HSP90AB1	DDEEKPKIEDVGSDEEDDSGK	S255	0.98567449	1.01101935	0.9949188
P14625	HSP90B1	EESDDEAAVEEEEEEK	S306	0.00179973	2.64200408	0.27314524
P14625	HSP90B1	EKEESDDEAAVEEEEEEK	S306	0.01455253	3.59735481	0.41362115
P08107	HSPA1A,HSPA1B	GGSGSGPTIEVD	S633	0.49876441	0.80222511	0.76446134
P04792	HSPB1	QLSSGVSEIR	S82	0.29909895	1.16390424	0.65817287
P04792	HSPB1	GPSWDFPR	S15	0.37088204	0.59852476	0.70105255
Q9NZL4	HSPBP1	LLQTCFSSPADDSMDR	S354	0.80399485	0.94225806	0.92483575
P10809	HSPD1	TVIIQSWGSPK	S70	0.64014937	1.06458767	0.84405606
Q92598	HSPH1	NVQQDNSEAGTQPQVQTDAAQTSQSPPELTSEENK	S557	0.19650341	0.82820413	0.58169594
Q92598	HSPH1	IESPKLER	S809	0.65197512	1.21720111	0.805262
O43719	HTATSF1	LFEESSDDEDEDADGK	S676	0.12522849	1.23352319	0.54014242
O43719	HTATSF1	LFEDDSDNEK	S702	0.24231661	1.21955971	0.61278278
O43719	HTATSF1	VFDDESDEKDEEYADEK	S642	0.26928976	1.30414747	0.63502787
O43719	HTATSF1	LFDEEESSEK	S713	0.62492705	1.0493924	0.8384421
O43719	HTATSF1	LFDEEESSEK	S714	0.64360709	0.92525253	0.84760107
O43719	HTATSF1	ESEDNLNKESEEVGPTK	S529	0.8434216	0.96259407	0.94383208
O43719	HTATSF1	NDCEENGLAKESDNLNK	S521	0.99457803	1.00063464	0.99772632
Q7Z627	HUWE1	GNDTPLALESTNTEK	T1722	0.00140258	0.36800276	0.27314524
Q7Z627	HUWE1	EESPMVDVQPSAQTQSIASDGTQPQGEK	S3816	0.01916845	0.65577295	0.41830815
Q7Z627	HUWE1	AGSSTPGDAPPAVAEVQGR	S2887	0.12557039	0.71699264	0.5403576
Q7Z627	HUWE1	REESPMVDVQPSAQTQSIASDGTQPQGEK	T3822	0.34666315	0.85596959	0.68145427
Q7Z627	HUWE1	GSGTASDDEFENLR	S1907	0.39377481	1.10611205	0.71376865
Q7Z627	HUWE1	DGGSGNSTIIVSR	S2362	0.45023362	0.8684154	0.73811209
Q7Z627	HUWE1	REESPMVDVQPSAQTQSIASDGTQPQGEK	S3816	0.47193435	0.85224439	0.75004241
Q7Z627	HUWE1	AESPEEVAER	S1395	0.47259216	0.91648189	0.75074143
Q7Z627	HUWE1	AQCETLSPDGLPEEQPQTTK	S3662	0.67208784	0.90026895	0.86092132
Q7Z627	HUWE1	SGEDESQEDVLMDEAPSNLSQASTLQANR	S2377	0.9560729	1.02288595	0.98388755
Q9P2D0	IBTK	DLQSPDFTTFHSDK	S1045	0.11069197	1.37324703	0.53343618
P48551	IFNAR2	DSPQQLLELGGPCER	S384	0.05127377	0.52356257	0.45652016
P15260	IFNGR1	ESSPLSSNQSEPSGIALNSYHSR	S399	0.03918562	2.0304826	0.44899888
Q9Y6M1	IGF2BP2	ISYIPDEEVSSPPQR	S164	0.54719316	0.88317679	0.7933521
Q9Y6M1	IGF2BP2	ISYIPDEEVSSPPQR	S162	0.92618975	1.015693	0.97279582
P11717	IGF2R	LVSFHDSDDEDLHLI	S2484	0.1262998	2.38320084	0.5403576
P11717	IGF2R	ALSSLHGDDQDSEDEVLTIPVVK	S2409	0.18849858	1.73285092	0.57474321
P40189	IL6ST	QNCQSHESSPDISHFER	S820	0.10850053	0.60883126	0.5330611
Q12906	ILF3	VLQDMGLPTGAERDSSK	S476	0.53550266	0.75191961	0.78666672
Q8NI35	INADL	LFDDASVDEPR	S645	0.12291177	0.57376992	0.5389189
Q8NI35	INADL	VPDSENELK	S522	0.16284825	0.77358642	0.55797736
Q9NQ57	INCENP	TLSPPTASATAPTSQIGPSTDEESTPKK	T213,S214	0.00144412	0.35045836	0.27314524
Q9NQ57	INCENP	TLSPPTASATAPTSQIGPSTDEESTPK	T195,T219	0.00305389	0.49469815	0.27314524
Q9NQ57	INCENP	IAQVSPGPR	S263	0.00836055	0.57561204	0.35749468

Q9NQ57	INCENP	TLSPTPASATAPTSQIGTISDEESTPKK	T195,T219,S218	0.14703497	0.69249402	0.55352644
Q27J81	INF2	GARPPAAGPGGDEDEEEDTAPESALDTSCLK	S1188	0.44648961	1.09779951	0.73811209
Q27J81	INF2	GARPPAAGPGGDEDEEEDTAPESALDTSCLK	T1179,S1188	0.46415809	1.19638243	0.74559723
Q27J81	INF2	GARPPAAGPGGDEDEEEDTAPESALDTSCLK	T1179	0.50126577	1.08586348	0.76563097
Q8WYH8	ING5	MEGSDFFESSGGR	S118	0.00325173	0.68170251	0.27314524
Q8N201	INTS1	LSPEQEQQLMPR	S307	0.38404339	0.75673186	0.70957373
Q8N201	INTS1	SSPEQPIGQGR	S1327	0.85309615	0.98915401	0.94776231
Q9NVR2	INTS10	STQIENHQHQAQDTSDLMSPSK	S231	0.0351652	0.52113441	0.43874459
Q68E01	INTS3	DESCYDNAEAAFSDDDEEDLNSK	S537	0.4376234	0.80123002	0.73338954
Q15051	IQCB1	KLGEESGDEIDVPK	S572	0.57156462	0.92433271	0.81432655
Q6DN90	IQSEC1	MQFSFEGPEK	S180	0.0817744	1.26595818	0.50397847
Q6DN90	IQSEC1	NSWDSPAFNSDVIR	S512	0.240735	0.73820462	0.61232743
Q5JU85	IQSEC2	ETRHSHWDSAPFNNDVVQR	T728	0.53719719	1.25838368	0.78705986
Q8IU81	IRF2BP1	NVAEALGHSPK	S436	0.06331078	1.22765363	0.47702638
Q8IU81	IRF2BP1	SPGPPALK	S66	0.38282595	0.92660551	0.70884547
Q8IU81	IRF2BP1	AGGASPAASSTAQPPTQHR	S453	0.87073051	0.96937574	0.9551058
Q7Z5L9	IRF2BP2	NSNSPPSPSSMNQR	S457,S462	0.03820657	0.67876413	0.44815912
Q7Z5L9	IRF2BP2	NSNSPPSPSSMNQR	S457,S460	0.20188015	0.69330854	0.58254318
Q7Z5L9	IRF2BP2	RPASVSSAAVEHEQR	S240	0.21141843	0.66551027	0.59863503
Q7Z5L9	IRF2BP2	LEEPPELNRQSPNPR	S175	0.34398735	0.86391913	0.67929613
Q7Z5L9	IRF2BP2	NSNSPPSPSSMNQR	S460	0.35949116	0.91298291	0.69128283
Q7Z5L9	IRF2BP2	RKPSPEPEGEVGGPK	S360	0.62766781	1.15479116	0.83899389
Q9H1B7	IRF2BPL	ASPEPPDPAEGALK	S547	0.37692444	1.11950791	0.70397848
Q9H1B7	IRF2BPL	KASPEPPDPAEGALK	S547	0.71502978	1.05965163	0.88594092
Q9H1B7	IRF2BPL	NSSSPVSPASVPGQR	S659	0.85377299	0.96393147	0.94798805
P35568	IRS1	HSSSETFSSTPSATR	S1101	0.42860144	0.82608584	0.72966058
P35568	IRS1	ASSDGEGTMSRPASVDGSPVSPSTNR	T351,S329	0.48053962	0.86418919	0.75582586
P35568	IRS1	VNLSPNR	S1078	0.54257958	0.87681347	0.79120965
P35568	IRS1	RHSSETFSSTPSATR	S1100	0.67048595	1.09141532	0.86066105
Q9Y4H2	IRS2	SNTPEJAIETPPAR	T520	0.16158828	1.17405347	0.55797736
Q9Y4H2	IRS2	ASSPAESSPDSGYMR	S736	0.16793062	2.05045011	0.56312413
Q9Y4H2	IRS2	HNSASVENSLR	S1174	0.25747149	0.65255593	0.62621067
Q9Y4H2	IRS2	SSEGGVGVGGGGDEPPTSPR	S1203	0.60856159	1.10622075	0.8300539
Q9Y4H2	IRS2	TYSLTPPAR	S577	0.63108092	0.85758987	0.8405143
Q9Y4H2	IRS2	HNSASVENSLR	S1176	0.74223709	1.1074783	0.90061831
Q969R8	ITFG2	DTGSPASEGPTDGSR	S220	0.10289433	1.34342245	0.5242131
Q9NZM3	ITSN2	TVSPGVSPIHQGGQVVENLK	S884,S889	0.02597965	1.53492358	0.41830815
Q965T2	IWS1	GPASDSETEADSR	S313	0.30928814	1.13210909	0.66139614
Q965T2	IWS1	HPASDSEIEELQK	S157	0.6541893	0.86595954	0.85212857
Q965T2	IWS1	AAVLSDSEDEEK	S398,S400	0.99199578	1.00455266	0.99691668
Q8WYK2	JD2	TDSVKTEPESGNPLLEQLEK	T148	0.1189213	1.57295408	0.5734868
Q15652	JMJD1C	TSPLVSNNEQGSTLR	S2053	0.47799835	0.82764968	0.75480345
P05412	JUN	LASPELER	S73	0.02236889	1.7553614	0.41830815
P05412	JUN	NSDLLTSPDVGLLK	S63	0.32838572	1.70703929	0.67305029
P17275	JUNB	SRDATPPVSPINMEDQER	T255,S259	0.44908365	0.85473871	0.73811209
O60229	KALRN	WLTSPVR	S1773	0.3056933	0.75569447	0.66139614
Q14678	KANK1	SYSAGNASQLEQLSR	S325	0.15904065	0.67425323	0.55688781
Q7Z3B3	KANSL1	LSPGTDSSNLGGVK	S249	0.45233915	0.89676325	0.73811209
Q7Z3B3	KANSL1	TFPLAHSQAECEDQLDAQER	S1045	0.4935629	0.8942266	0.76351366
O95251	KAT7	RNAGSSSDGTEDSDFSTDLEHTDSSSEDGTSR	S10	0.10264708	0.42369732	0.52414255
O95251	KAT7	SSGSETQEVDFDSR	S99	0.17226126	0.64662175	0.56561687
O95251	KAT7	NTADHDESPRPTGNAPSSSEDIDISSPNVSHDESIK	T128,S124	0.86763628	1.03255833	0.95406748
O60341	KDM1A	LPPPPQAPPEEENESEPEEPSGVEGAAFQSR	S166	0.13513436	0.62862581	0.5475768
O60341	KDM1A	KLPPPPQAPPEEENESEPEEPSGVEGAAFQSR	S166	0.51698536	0.82359568	0.77480312
Q9Y2K7	KDM2A	RYEDDGISDDEIEGK	S28	0.01873168	0.7077248	0.41830815
Q9Y2K7	KDM2A	GDEEGLGEEEEEEEEEDDAAEEGGAAR	S869	0.3281466	0.77586051	0.67305029
Q8NHM5	KDM2B	TENSLANENQQPIKSEPESEGEPEK	S975,S979	0.02478189	0.58478857	0.41830815
P29375	KDM5A	VEPEVLSTDTQTSPEPGR	S204	0.00022239	0.47632374	0.19148037
P41229	KDM5C	VQGLLENGDSVTSPEK	S1359	0.02287226	0.40984689	0.41830815
P41229	KDM5C	EELSHSPEPCTK	S301	0.16646103	0.83064215	0.56312413
Q07666	KHDRB51	SGSMDPSGHAHPSVR	S18	0.49369737	0.90862342	0.76351366
Q92945	KHSRP	VQISPDSSGGLPER	S181	0.85995591	0.97987928	0.95107454
O60303	KIAA0556	ELGLGCSPPAETLADAK	S660	0.08220594	0.55118757	0.50397847
Q6ICG6	KIAA0930	VSTGDTSPCGTEEDSSPASMHER	S267	0.11364777	0.62228709	0.53343618
Q9Y2F5	KIAA0947	SELCSPLGK	S532	0.0601154	0.75574429	0.47702638
Q9Y2F5	KIAA0947	SISPEVSASR	S925	0.26049242	0.88615333	0.62824642
Q9Y2F5	KIAA0947	LDTGSPEPETR	S1854	0.87571468	1.04219574	0.95556965
Q96AT1	KIAA1143	IQPQPDPDEDGDHSDKEDQPVVVLK	S50	0.40653865	1.1153088	0.71690687
Q96AT1	KIAA1143	IQPQPDPDEDGDHSDK	S50	0.75731554	0.87574154	0.90833103
Q96AT1	KIAA1143	NSLLSFDNEDENE	S146	0.98235148	1.00889051	0.99355276
Q96A73	KIAA1191	QPASAQSTPTPHSSPK	S183	0.01275631	0.52752918	0.39919401
Q96A73	KIAA1191	QPASAQSTPTPHSSPK	S182	0.0183559	0.62581817	0.41830815
Q69YN4	KIAA1429	SFLSESPSPGR	S1579	0.09450009	0.85264031	0.51670111
Q69YN4	KIAA1429	EEDAPHREDYFEPISDR	S222	0.64382242	0.86584831	0.84760107
Q69YN4	KIAA1429	GPRTTPPGPPDDDEDDPVPLVSGDK	T184	0.67581899	0.89341229	0.8617255
Q4ADV7	KIAA1432	SISLSQSAENVPASK	S1017	0.12835411	0.46978147	0.54122341
Q9P266	KIAA1462	SLSPSSNSAFSR	S757	0.1365256	0.81660234	0.54797298
Q9P206	KIAA1522	GLAGPPASPGK	S545	0.06198907	0.75827482	0.47702638
Q9P206	KIAA1522	DQSPPPSPPPSYHPPPPPTK	S669,S673	0.37667515	0.75525816	0.70397848
Q9P206	KIAA1522	LQLERPVPSPETQADLQR	S929	0.50129644	0.76393955	0.76563097
Q9P206	KIAA1522	FSSVSSQPQR	S342	0.99741943	1.00041303	0.99864937

Q9HCM1	KIAA1551	HSSLGQSLSPEK	S1358	0.05780027	0.65261411	0.47702638
A0MZ66	KIAA1598	VTAEADSSPTGILATSEK	S494	0.5125146	0.90748013	0.77273537
Q9BY89	KIAA1671	RSPTVEPSTLPR	S1224	0.75234901	1.07555086	0.90689921
Q9ULH0	KIDINS220	QMSFDLTK	S918	0.02573297	0.79159431	0.41830815
Q9ULH0	KIDINS220	LPSDEDESGTEESDNTPLLK	S1521	0.09009939	0.84031633	0.51018936
Q9ULH0	KIDINS220	TPSTVTLNNSAPANR	S1681	0.33776786	0.60718921	0.67736506
Q9H1H9	KIF13A	TGSCSELDACPSK	S1698	0.60474018	0.95333434	0.82911034
Q9NQT8	KIF13B	SISSPNVNR	S1381	0.077959	0.53854007	0.50397847
Q9NQT8	KIF13B	ERPDLAPAGSPFR	S1644	0.57517939	0.81078588	0.81432655
Q86Y91	KIF18B	RGLSPDTQPSQGPSTPK	S674	0.10159987	0.52586496	0.52414255
O95235	KIF20A	EHSLQVSPLEK	S532	0.01102312	0.60663544	0.37969115
Q7Z456	KIF21A	KLSSSDAPAQDTGSSAAVETDASR	S855	0.73369636	0.95359629	0.89605782
Q7Z456	KIF21A	KIPEPSPVTR	T1242	0.78141338	0.96284008	0.91755462
Q7Z456	KIF21A	IPEPSPVTR	S1239	0.94801541	0.98648699	0.98215506
Q02241	KIF23	YMLTHQELASDGEIETK	S867	0.06842145	0.69568528	0.49083932
Q02241	KIF23	RSSTVAPAQPDGAESEWTDVETR	S912	0.12082802	0.51142764	0.53774744
O95239	KIF4A	TFSLTVR	S801	0.09729326	0.56971446	0.52111664
O95239	KIF4A	NQSLVEENEK	S394	0.10255737	0.74458097	0.52414255
O95239	KIF4A	ALASNTSFFSGCSPIEEAAH	S1225	0.33718329	0.62514169	0.67736506
Q9BVG8	KIFC3	AHSAPSSGTSRPGSIR	S817,S813	0.5961543	0.83401819	0.82338978
Q96J84	KIRREL	AIYSSFK	S574	0.28293044	0.69072769	0.64790049
Q07866	KLC1	KYDDDISPSEDK	S162	0.02250616	1.49728321	0.41830815
Q07866	KLC1	VDSPTVTTTTK	S460	0.09577353	0.70508298	0.51670111
Q9H0B6	KLC2	TLSSSSMDLSR	S610	0.0954432	0.55108893	0.51670111
Q9H0B6	KLC2	SVEEPTQPGGTGLSDSR	S589	0.15759564	0.74881302	0.56888781
Q9H0B6	KLC2	ASSLNFLNK	S582	0.81081416	0.92685409	0.92741413
Q8TBB5	KLHDC4	QVLTAPGSAGQPRSEDEDSLEEAGSPAPGPCPR	S413,S418	0.55398003	1.32350447	0.79795367
Q8TBB5	KLHDC4	QVLTAPGSAGQPRSEDEDSLEEAGSPAPGPCPR	S413	0.81276079	1.08862286	0.92840735
Q03164	KMT2A	TIAHSPTSFTSSSK	S2098	0.40464053	1.11177786	0.7160132
Q03164	KMT2A	SREDSPELNPPGIEDNR	S1858	0.94992988	1.0098546	0.98215506
Q9UMN6	KMT2B	RERPSGPEPVGQPR	S861	0.38722627	0.86710964	0.71060254
Q9UMN6	KMT2B	GQGTTPSPGPGVVR	T2083	0.43609718	0.88385202	0.73335873
Q9UMN6	KMT2B	GPVRSEDESVEAK	S844	0.44885226	0.88538642	0.73811209
Q9UMN6	KMT2B	GVLDLRPGEPAGEESPGLQER	S2348	0.67134984	0.88098341	0.86074656
Q8NEZ4	KMT2C	EQSAEEDAEEVDNSK	S89	0.3888895	0.91179907	0.61060254
O14686	KMT2D	SPDTGPDWLK	S4849	0.03567029	0.69914804	0.43874459
O14686	KMT2D	QTAGQGSPCEEQEPR	S1180	0.16797767	0.81646699	0.56312413
O14686	KMT2D	LEGPVSPDVEPGK	S1671	0.40493329	0.80978599	0.7160132
O14686	KMT2D	LEGPVSPDVEPGKEETEEK	S1671	0.97324672	1.00619246	0.98966465
O14686	KMT2D	DSEPAADGPAASEDPSATESDLNPNHVGESVLSGSPR	S45	0.98000183	0.9973689	0.9926842
P52292	KPNA2	NVSSFDDATSPQENR	S62	0.01595078	0.51405811	0.41830815
O00505	KPNA3	NVPQEELEDSDVDADFK	S60	0.31047891	0.92169893	0.66197301
O00505	KPNA3	RNVQEELEDSDVDADFK	S60	0.74904755	1.05629014	0.90421302
O00629	KPNA4	NVPHEDICEDSIDGDYR	S60	0.02555857	0.66419295	0.41830815
Q8N9T8	KRI1	QLPALDGLMGPESPPAQEEEEAPVSPHK	S628,S639	0.07420051	0.5838047	0.49818003
Q8N9T8	KRI1	AFVDESEDEGAGEGSSLLQK	S171	0.7959434	0.98191734	0.92373279
Q8N9T8	KRI1	YVDEENSGETSNHR	S136	0.9188001	1.00923788	0.9703611
P04264	KRT1	SGGGFSSGSAGINYQR	S21	0.31161277	4.87391116	0.66201195
P05783	KRT18	STFTSNYR	T8	0.06032588	0.34391144	0.47702638
P05783	KRT18	STFTSNYR	S10	0.48389112	0.68899687	0.75785402
P05783	KRT18	LLEDGEDFNLDALDSSNSMQTIQK	S399	0.57014208	1.35860709	0.81408076
P19013	KRT4	GFSCGSAIVGGGK	S19	0.08117514	0.37349988	0.50397847
P19013	KRT4	SLYNLR	S51	0.08366928	0.53976363	0.50397847
P08729	KRT7	SAYGGPVGAGIR	S53	0.17843382	0.4705149	0.56898248
P05787	KRT8	LESGMQNMSIHTK	S410	0.02124918	0.37341921	0.41830815
P05787	KRT8	AFSSRSYTSPPGSR	Y25,S21	0.16048152	0.27960631	0.55771783
P05787	KRT8	LVSESSDVLPK	S475	0.18258515	0.58787967	0.57200583
P05787	KRT8	ISSSSFSR	S37	0.22367201	0.67509526	0.6080317
P05787	KRT8	VGSSNFR	S43	0.30099369	1.74178495	0.65817287
P05787	KRT8	SYTSGPGR	S24	0.32531146	0.7381428	0.67180574
P05787	KRT8	GQRASLEAAIAADAEQR	S330	0.34157815	1.47912499	0.67842858
P05787	KRT8	ISSSSFSR	S35	0.34306476	0.80623608	0.67878924
P05787	KRT8	LVSESSDVLPK	S478	0.44710285	0.81911237	0.73811209
P05787	KRT8	SLDMSIIAEVK	S253	0.50178464	1.20478659	0.76563097
P05787	KRT8	AQYEDIANRSR	S274	0.60283819	1.11454432	0.82778596
P05787	KRT8	SLDMSIIAEVK	S258	0.77619279	1.11308135	0.91412088
P05787	KRT8	ASLEAAIAADAEQR	S330	0.8229532	0.97650131	0.93447109
P05787	KRT8	FASFIDK	S104	0.86162095	0.9556406	0.95107454
Q8IVT5	KSR1	ADVLEAHEAAEPEAGKSEAEDDEVEDDLPSSR	S567	0.38333256	1.33296628	0.70940212
Q86UP2	KTN1	AAGDTTVIENSDEVSPETESSEK	S1313	0.72574677	1.0675938	0.89291515
Q86UP2	KTN1	EIQNGLNHESDESVPFR	S75	0.86187678	0.97208738	0.95107454
Q969R5	L3MBTL2	ASSPELPSVVENIK	S689	0.04675491	0.69492151	0.45625798
Q6IAA8	LAMTOR1	LLLDPSPPTK	S27	0.17915838	0.56772822	0.56898248
Q6PKG0	LARP1	TASISSPSEGTPTVSGYGCTPQSLPK	S850,S851	0.03669542	0.7077748	0.446569
Q6PKG0	LARP1	SLPTTVPEPSPNYR	S774	0.0901081	0.72249752	0.51018936
Q6PKG0	LARP1	ESPRRLQLPGAEGPAISDGEEGGGEPGAGGGGAAGAAGAGR	S75,S90	0.10054629	0.63636464	0.52414255
Q6PKG0	LARP1	ESPRRLQLPGAEGPAISDGEEGGGEPGAGGGGAAGAAGAGR	S90	0.19050906	1.24502421	0.57584619
Q6PKG0	LARP1	SLPTTVPEPSPNYR	Y777,S766	0.24178197	0.73158701	0.61278278
Q6PKG0	LARP1	NTFTAWSDEESDYEIDDRDVNK	S627	0.2633755	1.53717613	0.6321012
Q6PKG0	LARP1	GSESATYVPVAPPTPAWQPEIKPEPAWHQDETSSVK	S324	0.35359746	1.68286505	0.68569237
Q6PKG0	LARP1	EGTQQQERESPRQLPGAEGPAISDGEEGGGEPGAGGGGAAGAAGAGR	T68,S75	0.38701484	0.75947768	0.71060254

Q6PKG0	LARP1	NTTFAWSDEESDYEIDDR	S627	0.52155977	0.90025939	0.77620221
Q6PKG0	LARP1	SLPTTVPEPSPNYR	S766	0.63128196	1.13547904	0.8405143
Q6PKG0	LARP1	EGTGQQRERESPRLLQPGAEGPAISDGEEGGEPGAGGGAAGAAGAGR	T68	0.79091005	0.93611346	0.92210365
Q659C4	LARP1B	LNGPGENVSEDEAQQSNQR	S60	0.03270477	1.24095013	0.43874459
Q71RC2	LARP4	EQYVPPRSPK	S722	0.68193644	1.10382415	0.86504202
Q92615	LARP4B	EPSVPASCAVSATYERSPSPAHLRDDPK	S599,S601	0.41696737	0.86280992	0.72427252
Q92615	LARP4B	SPSPAHLRDDPK	S601	0.44958962	1.07153414	0.73811209
Q9BR58	LARP6	LNCSTSPFIR	S409	0.62721695	1.11509687	0.83899389
Q4G0J3	LARP7	SRPTSEGSDIESTEPQK	S258	0.11142507	1.90011593	0.53343618
Q4G0J3	LARP7	RSSSEDAESLAPR	S300	0.11526712	1.41699971	0.53343618
Q4G0J3	LARP7	SRPTSEGSDIESTEPQK	S261	0.14689545	1.36915078	0.55352644
Q4G0J3	LARP7	SRPTSEGSDIESTEPQK	T257	0.20473943	1.30980216	0.58662445
Q4G0J3	LARP7	SSSEDAESLAPR	S298	0.3353801	0.81891724	0.67736506
Q4G0J3	LARP7	RSSSEDAESLAPR	S299	0.38241206	0.79984981	0.70884547
Q4G0J3	LARP7	SRPTSEGSDIESTEPQK	S258,S261	0.83331975	0.9665272	0.93848641
Q9Y4W2	LAS1L	AQQQEEQGSVNDVK	S560	0.45064821	0.88912134	0.73811209
Q9Y4W2	LAS1L	NIVVDDITEQKPEPQDDGKSTESDVK	S238,T236	0.96553117	0.98886511	0.98758099
Q9Y4W2	LAS1L	AQQQEEQGSVNDVKEEEK	S560	0.9752757	0.98467634	0.98993501
Q14847	LASP1	GFSVVADTPELQR	T104	0.23370666	0.7399593	0.6080317
Q95835	LATS1	SNSFNPLGNNR	S464	0.02676619	0.65262305	0.41830815
Q95835	LATS1	QITTSPIVTR	S613	0.24367562	0.65903399	0.61377267
Q53QV2	LBH	DRLPSIVPEPTEGESGELR	S63	0.49261398	0.68819445	0.76351366
Q9Y2U8	LEMD3	ENYSDEEEDDDVASSR	S261	0.29407883	1.5108821	0.6555018
Q8WVC0	LEO1	ANSDDERPVASDNDDEK	S212,S220	0.37025079	1.53823058	0.70105255
Q8WVC0	LEO1	IQNSDDEERAQGSDEDK	S162,S171	0.42741429	1.35441138	0.72966058
Q8WVC0	LEO1	KLTSDEEGEPSPGK	S630	0.50037094	1.05938242	0.76563097
Q8WVC0	LEO1	YVISDEEEEDDD	S658	0.58621349	0.84874755	0.8200322
Q8WVC0	LEO1	ANSDDERPVASDNDDEK	S212	0.67774281	1.04534534	0.8627275
Q8WVC0	LEO1	MQNTDDEERQLSDDERQQLSEEEK	T188,S197,S205	0.71513233	1.31917981	0.88594092
Q8WVC0	LEO1	KYVISDEEEEDDD	S658	0.7466021	1.09394936	0.90316039
Q8WVC0	LEO1	LTSDEEGEPSPGK	S630	0.82901735	0.950016	0.9364171
P18858	LIG1	VLGSEGEDEEALSPAK	S76	0.00109514	0.69883966	0.27314524
P18858	LIG1	EWNGVVSSEDSVPK	S51	0.00978219	0.47062147	0.37254089
P18858	LIG1	VLGSEGEDEEALSPAK	S66,S76	0.0198571	0.54726622	0.41830815
P18858	LIG1	RTIQEVLEEQSEDED	S141	0.0706951	0.76061269	0.49571338
P18858	LIG1	AETPTESVSEPEVATK	T195	0.21589982	0.84848485	0.60366234
P18858	LIG1	VLGSEGEDEEALSPAK	S66	0.25877673	1.27389558	0.62630151
P18858	LIG1	TIQEVLEEQSEDED	S141	0.29126887	0.56239106	0.62503535
P18858	LIG1	EGEDGDQPTTTPKPLK	T183	0.7323771	1.02162162	0.89605782
P18858	LIG1	TIQEVLEEQSEDEDREAK	S141	0.85035687	0.96189704	0.94645687
P49916	LIG3	LTTTGQVTPVK	S210	0.02006532	0.5092004	0.41830815
Q9UHB6	LIMA1	ETPHSPGVEDAPIAK	S490	0.09559707	1.27670808	0.51670111
Q9UHB6	LIMA1	QWTSLSLR	S15	0.93900921	1.02810097	0.97909407
Q9UPQ0	LIMCH1	ASVLDTSMSAGSGSPSK	S523	0.00851178	0.47743975	0.35749468
Q9UPQ0	LIMCH1	HGRDDFSLDSFGSR	S201	0.06729331	2.22135334	0.49083932
Q9UPQ0	LIMCH1	SRQTPSPDVVLR	T215,S217	0.10194227	0.63617187	0.52414255
Q9UPQ0	LIMCH1	SVSQDLK	S377	0.61090906	0.91612908	0.83095214
Q9UPQ0	LIMCH1	GSSDGRGSDSESLPHR	S226	0.73605683	0.97103448	0.97676557
Q9UGP4	LIMD1	QLSLSSR	S233	0.12493757	1.55383151	0.5401424
P53667	LIMK1	SPGAGSLGSPASQR	S310	0.40499276	0.87649764	0.7160132
Q96GY3	LIN37	ERECSPSPPLPEDEEGSEVTNSK	S138	0.78729763	0.95765159	0.92069713
P02545	LMNA	SNEDQSMGNWQIK	S463	0.02676098	0.75216541	0.41830815
P02545	LMNA	SNEDQSMGNWQIK	S458	0.08333036	0.82399547	0.50397847
P02545	LMNA	SGAASSTPLSPTR	S22	0.15456031	0.84036145	0.55688781
P02545	LMNA	SGAASSTPLSPTR	S12	0.17561377	0.75366433	0.56898248
P02545	LMNA	SVGGSGGSGFDNLVTR	S632	0.22491936	0.69880427	0.6080317
P02545	LMNA	SGAASSTPLSPTR	T19	0.22930338	0.85283426	0.6080317
P02545	LMNA	LRLSPSPTSQR	S390,S392	0.44766185	0.87175813	0.73811209
P02545	LMNA	SGAASSTPLSPTR	T19,S22	0.77284894	0.93258488	0.91361901
P02545	LMNA	SGAASSTPLSPTR	S18	0.86123795	0.97984146	0.95107454
Q8WW11	LMO7	EVAATEEDVTRLPSPSPFSSLSQDQAATSK	S988	0.14914998	4.10182498	0.55352644
Q8WW11	LMO7	VTTEIQLPSPQVVEEQSPASLSLR	S867	0.30152636	3.0496247	0.65850145
Q8WW11	LMO7	TSTTGAVATQSPTR	S1586	0.39330072	0.73359364	0.713666053
Q8WW11	LMO7	SRSTTELDYSTNK	S1423	0.74760892	1.03758023	0.90350024
Q8WW11	LMO7	SRSTTELDYSTNK	T1425	0.94792716	0.99122083	0.98215506
Q14693	LPIN1	SANQSPQSVGSSGVDSGVSTSDGLR	S449	0.06299293	0.66852816	0.47702638
P50851	LRBA	VEGSPTEEANLPTELQDNLSPAASEAGEK	S1118	0.00562681	1.28758247	0.31900981
P50851	LRBA	VEGSPTEEANLPTELQDNLSPAASEAGEK	S1135	0.69382664	1.04712916	0.87209451
Q96I18	LRCH3	RWSGNEPTDEFSDLPLR	S324	0.6181498	1.18360481	0.83421157
Q5VZK9	LRR16A	TASRPDDIPDPSPPK	S1291	0.16158741	0.82321095	0.55797736
Q5VZK9	LRR16A	SERPPTILMTEEPSPK	S1094	0.23156375	0.75142772	0.6080317
Q5VZK9	LRR16A	RSSGFISELPEEGK	S968	0.49106181	0.83051245	0.76263004
Q15345	LRR16A	STQESLTAGGTDLK	T327	0.10780294	0.57108065	0.53106619
Q15345	LRR16A	APSRDEGSLLLGSR	S281	0.14081187	0.50817211	0.54797298
Q8N1G4	LRR16A	EEGSLSDTEADAVSQQLPDPTTNPASAGK	S518	0.33826193	1.12521589	0.67736506
Q8IWT6	LRR16A	SRIEQGIVDR	S217	0.29589082	0.92341729	0.65749804
Q32MZ4	LRRFIP1	EIDCLSPAEAK	S16	0.08219775	0.80402749	0.50397847
Q32MZ4	LRRFIP1	ALDSNLENDLSDAPGREPGHFNPESR	S768	0.26238645	1.25065111	0.63060636
Q32MZ4	LRRFIP1	SDQQGEALDSSQK	S555	0.42294788	1.25030125	0.72757489
Q32MZ4	LRRFIP1	TEVPGSPAGTEGNCQEQATGPSTVDTQNEPLDMKEPDEEK	S521	0.58399782	1.07307692	0.81959597
Q32MZ4	LRRFIP1	CTLPEHESPSQDISDACEAEATER	S733	0.65540586	1.18705604	0.85263945

Q32MZ4	LRRFIP1	TEVPGSPAGTEGNCQEATGPSTVDTQNEPLDMK	S521	0.67346392	0.87550928	0.86131187
Q32MZ4	LRRFIP1	ALDSNSLENDLDSAPGREPGHFNPESR	S766	0.70063457	0.87669856	0.87594502
Q32MZ4	LRRFIP1	IDGATQSSPAEPK	S714	0.90614708	1.00847458	0.96653745
Q9Y608	LRRFIP2	NSASATTPSLGNSSR	S320	0.17065253	1.65751445	0.56526141
Q9Y608	LRRFIP2	RGSGLTSSLIIDPDTSLSCLR	S328	0.53412287	1.19212411	0.78590527
Q9Y608	LRRFIP2	RGSGLTSSLIIDPDTSLSCLR	S332	0.57511445	1.1519404	0.81432655
Q9Y608	LRRFIP2	NSASATTPSLGNSSR	S324	0.68446195	0.93177036	0.86760653
Q9UFC0	LRWD1	RPDDVPLSLSPSK	S243	0.09656326	0.58658293	0.51801227
Q9UFC0	LRWD1	ACASPAQVEGSPVAGSDGSQPAVK	S251	0.77222056	1.06506604	0.91329931
Q8ND56	LSM14A	TQLSQGRSSPQLDPLR	S178,S183	0.35179578	0.74199352	0.68418829
Q8ND56	LSM14A	GDSGVDTQNSEGNADDEEDPLGPNICYDK	S347	0.44196135	0.91322364	0.73638842
Q8ND56	LSM14A	SSPQLDPLR	S183	0.5144085	0.85003915	0.77363444
Q8ND56	LSM14A	SSPQLDPLR	S182	0.77780538	0.97757848	0.91456529
Q8ND56	LSM14A	SSPQLDPLR	S183	0.90035896	0.98581415	0.96389066
Q86X29	LSR	GPALTPIRDEEWGGHSPR	S464	0.12116493	1.81456486	0.53774744
O95232	LUC7L3	NEVNGTSEDIKSEGDQTSN	S425	0.48654191	0.90534908	0.75953527
Q86V48	LUZP1	EKPDSDDDLDIASLVTK	S659	0.16741824	1.60166424	0.56312413
P07948	LYN	GKDSLDDGVDLK	S11	0.05952448	1.23572261	0.47702638
P07948	LYN	DSLDDGVDLK	S13	0.23463841	0.86166008	0.6080317
Q9UPN3	MACF1	RQGSFSEVDVSHK	S3927	0.05218482	1.32061069	0.46177
Q9UPN3	MACF1	QGSFSEVDVSHK	S3927	0.2306683	0.79506218	0.6080317
Q9UPN3	MACF1	AFLAELEQNSPK	S4521	0.36587942	0.85888116	0.69656646
Q9UPN3	MACF1	SMDAMSPPTK	S4495	0.7444786	0.92522416	0.90171553
Q9UPN3	MACF1	RGSDDSDFDLLETQACSSTSESSAAGGQNSR	S7330	0.80677306	0.94475257	0.92607772
P78559	MAP1A	SPESLPGPALEDIAIK	S1326	0.28671214	1.27638369	0.6007167
P78559	MAP1A	AEELEMEEVHPSDEEEEDATK	T675	0.44649842	0.93161515	0.73811209
P78559	MAP1A	GQDVVQVEWQETSPTREEPAGEQK	S1654	0.68080368	1.06127933	0.86424175
P46821	MAP1B	VSAEAEVAVPVSPEVTQEVVEEHCASPEDK	S1298	0.01243211	1.8190686	0.39919401
P46821	MAP1B	VSAEAEVAVPVSPEVTQEVVEEHCASPEDK	S1312	0.01907205	1.80419355	0.41830815
P46821	MAP1B	SPPLIGSEAYESFSLADDK	S1400	0.08040818	1.65891655	0.50397847
P46821	MAP1B	AAEAGAEQYGLTPTTK	T1067	0.09390668	0.59850231	0.51670111
P46821	MAP1B	VQSLEGEKLSPK	S1779	0.11417827	1.3873503	0.53343618
P46821	MAP1B	SDISPLTPR	S1785	0.12640465	1.22348377	0.5403576
P46821	MAP1B	QGSPPQVSPVSEMTSTSLYQDK	S1443	0.13046822	1.41481118	0.54344847
P46821	MAP1B	GAESPFEK	S1427	0.16222225	1.2173913	0.55797736
P46821	MAP1B	ASVSPMDEVPDSESPIEK	S1389	0.16613976	1.43815261	0.56312413
P46821	MAP1B	DVMSDETNNETESPSQEFVNITK	S1154	0.17707557	1.20158861	0.56898248
P46821	MAP1B	VSAEAEVAVPVSPEVTQEVVEEHCASPEDK	S1298,S1312	0.17882387	1.36949429	0.56898248
P46821	MAP1B	TATCHSSSPPIDAASAEPYGR	S1819	0.18146796	1.49688474	0.57200583
P46821	MAP1B	SPSLSPSPSPLEK	S1265	0.19935575	1.20963919	0.58169594
P46821	MAP1B	TPEEGSYSDISEK	T1949	0.21224955	0.61731848	0.59909252
P46821	MAP1B	SPPLIGSEAYESFSLADDK	S1408	0.22232723	1.73140198	0.6080317
P46821	MAP1B	ESSPLYSPTFSDSTSAAVK	S1793,S1797	0.22415861	1.44711136	0.6080317
P46821	MAP1B	GEAEQSEEEADEEDK	S1016	0.23186772	1.15358478	0.6080317
P46821	MAP1B	DLSTPGLK	S1852	0.24206471	0.65191851	0.61278278
P46821	MAP1B	TLEVVSQSVTGSAGHTPYYSQPTDEK	S1322	0.28627698	1.36008374	0.65007167
P46821	MAP1B	TTSPPEVSGYSYEK	S1965	0.28942261	1.15047089	0.65205353
P46821	MAP1B	GPAESPDDEGITTEGEGECEQTPEELEPEVK	S891	0.32379969	1.19052523	0.67067311
P46821	MAP1B	SDISPLTPR	T1788	0.33340202	1.20746648	0.67622969
P46821	MAP1B	SDISPLTPR	T1788,S1785	0.38220563	1.74371664	0.70884547
P46821	MAP1B	QGSPPQVSPVSEMTSTSLYQDK	S1438,S1443	0.39832655	1.23231198	0.7160132
P46821	MAP1B	ASVSPMDEVPDSESPIEK	S1376,S1389	0.42070344	1.27914439	0.72484937
P46821	MAP1B	QGSPPQVSPVSEMTSTSLYQDK	S1438	0.53042105	1.09385783	0.78301333
P46821	MAP1B	EECPRPMISPPDFSPK	S1618,S1620	0.53443384	1.49831852	0.78590527
P46821	MAP1B	ASVSPMDEVPDSESPIEK	S1376	0.53814197	1.17841993	0.783241
P46821	MAP1B	HMDPPAPVQDRSPSPR	S2209,S2211	0.57411403	0.82351454	0.81432655
P46821	MAP1B	SLMSSPEDLTK	S832	0.60851725	1.1249654	0.8300539
P46821	MAP1B	DVMSDETNNETESPSQEFVNITK	S1144	0.65221826	1.10225171	0.8505262
P46821	MAP1B	ESSPLYSPTFSDSTSAAVK	S1797	0.66398848	0.93226023	0.85711256
P46821	MAP1B	SVNFSLTPNEIK	T1282	0.67820866	0.86458952	0.8627275
P46821	MAP1B	SDISPLTPR	T1788,S1782	0.71435509	1.16970046	0.88593408
P46821	MAP1B	ESSPLYSPTFSDSTSAAVK	S1793	0.72253026	0.9571263	0.89157396
P46821	MAP1B	SPSDSGSYETIGK	S1915	0.74462224	0.95254237	0.90171553
P46821	MAP1B	TTRTPEEGSYSDISEK	T1949	0.76964276	1.08562484	0.91329931
P46821	MAP1B	ASVSPMDEVPDSESPIEK	S1378	0.79898485	1.05876125	0.92445479
P46821	MAP1B	VSPSKSPSLSPSPSPLEK	S1252,S1260,S1262,S1265	0.80647933	1.16756834	0.92607772
P46821	MAP1B	SPSLSPSPSPLEK	S1256,S1265	0.81928126	1.04599346	0.93245362
P46821	MAP1B	FEDEGAGFEESSETGDYEEK	S937	0.8469146	0.96053998	0.9453218
P46821	MAP1B	ESSPLYSPTFSDSTSAAVK	S1792	0.87663388	1.03378904	0.95556965
P46821	MAP1B	ESVASGDDRAEEDMDEAIEK	S995	0.91136091	0.96852792	0.9669909
P46821	MAP1B	TTRTPDSTCYETAEK	T2034	0.92473538	0.97092182	0.97208912
P46821	MAP1B	ESVASGDDRAEEDMDEAIEK	S992	0.93878759	0.97195724	0.97909407
P46821	MAP1B	TLEVVSQSVTGSAGHTPYYSQPTDEK	Y1337,S1322	0.94083808	1.01378122	0.97922223
Q66K74	MAP1S	AVPMAPAPASPGSSNDSSAR	S759	0.82882761	0.9504902	0.9364171
Q66K74	MAP1S	LSLSPLR	S657	0.97038783	0.98809417	0.98915891
P11137	MAP2	VDHGAEIITQSPGR	S1782	0.18452716	1.18502203	0.57356637
P36507	MAP2K2	LNQPGTPTR	T396	0.62493637	1.06884713	0.8384421
Q9Y2U5	MAP3K2	DRSSPPPGYIPDELHQVAR	S163	0.24199434	0.87841044	0.61278278
Q9Y2U5	MAP3K2	AQSYPDNHQEFSDYDNPIFEK	S239	0.59314511	0.94233947	0.82284423
O43318	MAP3K7	RMSADMSEIEAR	S389	0.24115099	0.69039791	0.61270846
P27816	MAP4	KCSLPAEEDSVLEK	S636	0.08021722	0.77676833	0.50397847

P27816	MAP4	DGVLTLANNVTPAK	T571	0.09001117	0.52445032	0.51018936
P27816	MAP4	DMSPLSETEMALGK	S507	0.10614343	1.36790124	0.52598269
P27816	MAP4	KPCSETSQIEDTPSSKPTLLANGGHGVEGSDTTGSPTEFLEEK	S99	0.21738802	2.44602547	0.60411977
P27816	MAP4	VGSLDNVGHLPAGGAVK	S1073	0.57439187	1.30377368	0.81432655
P27816	MAP4	DVTPPPETEVVLIK	T521	0.87194938	1.01112372	0.95542841
O95819	MAP4K4	RDSPLOGSGQQNSQAGQR	S639	0.71204731	1.04898447	0.88466484
Q9Y4K4	MAP4K5	RQSSPCSGPVAETSSIGNGDGISK	S436	0.47450889	0.79633103	0.75205182
Q9Y4K4	MAP4K5	TASEINFDK	S335	0.49670982	0.85883444	0.76446134
Q14244	MAP7	SVSTMNLSK	S183	0.00809264	1.69214195	0.35749468
Q3KQU3	MAP7D1	LSASTASELSPK	S460	0.0281712	0.62783824	0.42553343
Q3KQU3	MAP7D1	SSQPSPTAVPASDSPPTK	T118,S123	0.07603663	0.62594841	0.50397847
Q3KQU3	MAP7D1	SSQPSPTAVPASDSPPTK	T128,S112	0.43740531	0.78134557	0.73338954
Q3KQU3	MAP7D1	QLPLEPESPSGQVGRPRAPPQEESPSSEAK	S70,S86	0.48106265	0.70517048	0.75589799
Q3KQU3	MAP7D1	SSQPSPTAVPASDSPPTK	S116	0.55834726	0.93814433	0.8022311
Q3KQU3	MAP7D1	QLPLEPESPSGQVGRPRAPPQEESPSSEAK	S88	0.69872294	1.17724507	0.87537352
P28482	MAPK1	VADPDHDTGFLTEYVATR	Y187	0.96047311	0.98435571	0.98502328
P27361	MAPK3	IADPEHDHTGFLTEYVATR	Y204,T202	0.17243773	0.2052584	0.56561687
P27361	MAPK3	IADPEHDHTGFLTEYVATR	Y204	0.399812	1.45721998	0.7160132
P29966	MARCK5	EAPAEGEAAEPGSPTAAEGEAASAASSTSSPK	S135	0.01616595	0.60359983	0.41830815
P29966	MARCK5	AEDGATPSPNETPK	S145	0.0486615	0.7275188	0.45625798
P29966	MARCK5	GEAAERPGEEAAVASSPSK	S26	0.08899454	0.77540107	0.5099787
P29966	MARCK5	VNGDASPAEAESGAK	S46	0.09758142	0.81948718	0.52139713
P29966	MARCK5	AEDGATPSPNETPKK	T150,S145	0.09924242	0.60280604	0.52414255
P29966	MARCK5	RFSFK	S159	0.138559	2.91684496	0.54797298
P29966	MARCK5	AEDGATPSPNETPK	S147	0.13991568	0.80444092	0.54797298
P29966	MARCK5	EAPAEGEAAEPGSPTAAEGEAASAASSTSSPK	S132	0.24607482	0.73719462	0.61377267
P29966	MARCK5	AEDGATPSPNETPKK	T150	0.27051273	0.86593647	0.63502787
P29966	MARCK5	GEAAERPGEEAAVASSPSK	S29	0.3388968	0.79658444	0.761818743
P29966	MARCK5	EAPAEGEAAEPGSPTAAEGEAASAASSTSSPK	T120	0.58234143	0.81103141	0.81845981
P29966	MARCK5	GEPAAAAEPAGASPVKE	S101	0.90619902	0.98210188	0.96653745
P49006	MARCKSL1	GDVTAEEAAGASPAK	S22	0.01760399	0.71570326	0.41830815
P49006	MARCKSL1	GAEASAEEEEAGPQATEPSTPSGPGPTPASAEQNE	T178	0.16328647	0.70411222	0.55844944
P49006	MARCKSL1	GAEASAEEEEAGPQATEPSTPSGPGPTPASAEQNE	S165	0.2903345	0.81715558	0.65205353
Q7KZ17	MARK2	GRNSATSADQPHIGNYR	S40	0.04374464	0.59842367	0.45441331
Q7KZ17	MARK2	VPASPLPLGR	S456	0.49458098	0.80331136	0.76357885
Q96GX5	MASTL	NFELVDSSPK	S453	0.02047037	0.51007232	0.41830815
P43243	MATR3	GPSLNPVLDYDHGSR	S208	0.23655546	1.59882663	0.6080317
P43243	MATR3	DTSENADGQSDENKDDYIPDEYR	S766	0.29704031	1.48800548	0.65749804
P43243	MATR3	GPSLNPVLDYDHGSR	S206	0.5801856	0.74646915	0.8170849
P43243	MATR3	SYSPDGKESPSDK	S598,S604	0.76464903	0.95885457	0.91122881
P43243	MATR3	NEENTEPEGAESSENADDPNK	S747	0.78969705	0.9771913	0.92178686
P43243	MATR3	DSFDDRGPSLNPVLDYDHGSR	S206	0.7926075	0.9099749	0.9228136
P43243	MATR3	SYSPDGKESPSDK	Y597,S604	0.83951141	1.03403526	0.9423761
Q72434	MAVS	NEETPAAPTAPAGATGGSSAWLDSSEN	S408	0.00340551	0.4132663	0.27925141
Q72434	MAVS	EPSYPMVPQEQTAEPSPGENSEQALQTLSPR	S165	0.82556484	0.94980361	0.95839378
O95243	MBD4	SLSSGSNFCSEQK	S318	0.83236585	1.03611614	0.93835286
Q96N66	MBOAT7	AGGGPTLQCPPSSPEK	S285	0.97920014	1.00342011	0.99216395
P49736	MCM2	GLLYDSEDEEERPAR	S139	0.34894611	0.89928525	0.6836009
P49736	MCM2	GLLYDSEDEEERPAR	S139	0.44524556	1.28881988	0.73811209
P49736	MCM2	RGNDPLTSSPGR	S27	0.45685895	0.8208036	0.74093656
P49736	MCM2	GNDPLTSSPGR	S27	0.95142887	0.99383408	0.98385966
P49736	MCM2	RGNDPLTSSPGR	S26	0.95731915	0.99571276	0.98388755
P25205	MCM3	DGDSYDPYFSDTEEMMPQVHTPK	T722,S711	0.31229886	1.71189568	0.6622373
P25205	MCM3	DGDSYDPYFSDTEEMMPQVHTPK	S711	0.71157944	1.18096647	0.88466484
O60318	MCM3AP	KPGDGEVSPSTEDAPFQHSPLGK	T530	0.18441241	1.34655253	0.73556637
Q14566	MCM6	VSGVDGYETEGIR	T278	0.02459002	0.30620877	0.41830815
Q9BTE3	MCMBP	VSPSTSYTPSR	S154	0.09800444	0.76342282	0.52248806
Q14676	MDC1	ESEDSETQPDFTHLEAYGPCLSPPR	S780	0.11039194	1.35652215	0.53343618
Q14676	MDC1	GPGAPGLAHLQESQAGSDTDVEEGK	S376	0.45015291	0.92819957	0.73811209
Q00987	MDM2	AISETTEENDELSEGER	S166	0.08058295	0.57564299	0.50397847
Q9NU22	MDN1	NGGEDTDNEEGEENPLEIK	T4898	0.22867897	0.72542976	0.6800317
Q9NU22	MDN1	AEENTDQASPDQEDYAGFER	S4538	0.29993355	1.07465693	0.65817287
P51608	MECP2	MPFQTSPPGK	S229	0.00772802	0.59695641	0.35749468
P51608	MECP2	AETSEGSAPAVPEASASPK	S80	0.8785305	1.02251732	0.95627657
Q93074	MED12	GSPSPKPDVEK	S698	0.18102361	1.09421001	0.57144392
Q9UHV7	MED13	IEVDEGFCSPKPEIK	S890	0.23166992	0.82176967	0.6080317
Q71F56	MED13L	MEVEDGLGSPKPEIK	S923	0.374229	0.77431316	0.7024407
O60244	MED14	KLSDDPCEVSK	S617	0.67934554	1.10308648	0.86312417
O75448	MED24	LLSSNEDDANILSSPTDR	S862	0.40923537	0.80886718	0.71721535
Q02078	MEF2A	GCSDPDPDTSVYLTPHTEEK	S98	0.75595613	0.93735101	0.90833103
Q7L2J0	MEPCE	DITDPLSLNCTDEGHVVLASPLK	S254	0.32132199	1.74119482	0.67020204
Q7L2J0	MEPCE	ESPGAAATSSSGPQAQQHR	S69	0.51802963	0.82851608	0.77582848
Q7L2J0	MEPCE	CAPSAGSAPAAVGRESGAAATSSSGPQAQQHR	S60,S69	0.53654243	1.29697896	0.78705986
Q7L2J0	MEPCE	TLNAETPKSSPLPAK	T213,S216	0.87630979	0.91758171	0.95556965
P08581	MET	SVSPITTEMVSNESVDYR	S988	0.33778899	0.80406448	0.67736506
Q86W50	METTL16	EGEAAAVGEGPCPSQESLQEQENPEPTEDERSEEK	S455	0.00042372	1.77673772	0.2160495
Q86U44	METTL3	NPEAALSPTR	S43	0.24124061	0.80408984	0.61270846
P55081	MFAP1	SLAALDALNTDDEENDEEEYAWK	T267	0.16817724	2.21907778	0.56312413
P55081	MFAP1	IVEPEVVGESDSEVEGDAWR	S118	0.34858303	1.40762475	0.68327828
Q6Z57	MFS06	VAILTDEEEQK	T10	0.28025067	1.2279921	0.6455595
Q81WI9	MGA	VVANQNANSPNVPKG	S607	0.42979261	0.68140664	0.73021716



O60502	MGEA5	LENEGDEDIETDVLYSPQMALK	S364	0.23456206	1.59179819	0.6080317
O60502	MGEA5	LENEGDEDIETDVLYSPQMALK	T370	0.42848849	1.16888932	0.72966058
O60291	MGRN1	AASIENVLQDSSPEHCGR	S524	0.18355545	0.79785277	0.57261319
O60291	MGRN1	SPSSPIHEEDEEK	S460	0.20460527	1.38312305	0.58662445
Q8N3F8	MICALL1	VEQMPQASPLAPR	S578	0.96039909	1.01227837	0.98502328
O15344	MID1	ASVSGPNPSETRR	S98	0.18932414	1.14324241	0.57509931
O15344	MID1	ASVSGPNPSETRR	S92,S96	0.4125485	0.80764917	0.72049544
O15344	MID1	ASVSGPNPSETRR	S96	0.66182913	1.0438783	0.85592923
Q8N108	MIER1	DSSGQEDETQSSNDPQSVAQDAQEIRPR	S122	0.10141971	0.7612235	0.52414255
Q8N108	MIER1	VNSNGKESPGSEFFQEAVSHGK	S483,S488	0.96733277	0.99341383	0.98758099
Q8N4C8	MINK1	VGVSCKPDSFVLSPGNK	S777,S782	0.22253585	0.625186	0.6080317
Q9NXC5	MIOS	GFSQYGVVSGSPTK	S766	0.33324312	0.81557159	0.67622969
Q8IVT2	MISP	ALSSDSILSPAPDAR	S400	0.03343934	0.54212705	0.43874459
Q8IVT2	MISP	ASTPDVWVSEGPQGLR	T377	0.10469827	0.54514059	0.52486294
Q8IVT2	MISP	SSTVATLQGTDPHGDPR	S155	0.162358	0.57134331	0.57597736
Q8IVT2	MISP	ALSSDSILSPAPDAR	S395	0.17049698	0.56397174	0.56526141
Q8IVT2	MISP	GLHSENREDEGWQVYR	S84	0.34313939	0.69137559	0.67878924
Q8IVT2	MISP	SQSSDLLER	S541	0.42836043	0.728	0.72966058
Q8IVT2	MISP	ALSSDSILSPAPDAR	S394	0.44440833	0.81074395	0.73811209
Q8IVT2	MISP	RALSSDSILSPAPDAR	S394	0.63442134	1.17015218	0.8428508
Q8IVT2	MISP	LSLITAPR	S335	0.66877335	1.27206105	0.85942366
Q8IVT2	MISP	SQSSDLLER	S543	0.77377822	1.04489499	0.91388621
Q8IVT2	MISP	NALPEVFSPTDENSDQNSR	S575	0.8776036	1.03740927	0.95556965
P46013	MKI67	TPVQYQQQNSPQK	S357	0.00395311	0.47560976	0.2896703
P46013	MKI67	SSEPVMIMK	S3042	0.01792906	0.49597581	0.41830815
P46013	MKI67	IPCDSPQSDPVDPTSTK	S1253	0.02115769	0.45929008	0.41830815
P46013	MKI67	DINTFVGTPEVK	T1923	0.04719163	0.66396609	0.45625798
P46013	MKI67	SPQDPDPVDTPEASTK	S2344	0.06275743	0.59718716	0.47702638
P46013	MKI67	LDLTENLTGSK	S1329	0.06281074	0.50207143	0.47702638
P46013	MKI67	DINTFLGTVPQK	T1801	0.07403615	0.41760875	0.49918003
P46013	MKI67	SGGSGHVAEPASPEQELDQNK	S308	0.11671894	0.74184529	0.53343618
P46013	MKI67	SPPPEVDTPSTK	S1131	0.15241491	0.6876054	0.55688781
P46013	MKI67	SPPPEMDTPTSTR	S2105	0.21905973	0.77179659	0.60411977
P46013	MKI67	MPCESSPPESADTPTSTR	S1376	0.27639684	0.82098949	0.64144927
P46013	MKI67	MTSLETKTSDTETEPSK	S859	0.34355558	0.53508274	0.67909008
P46013	MKI67	SSPELEDTATSSK	S2828	0.47903957	0.89776692	0.75541886
Q969V6	MKL1	AGSCCLSPGGR	S511	0.0026216	0.63479484	0.27314524
Q969V6	MKL1	FGSTGTPPPVPTPSE	T450,S454	0.21315885	0.74536139	0.5997705
Q9ULH7	MKL2	SPAAFHEQIK	S66	0.06107681	0.65661479	0.47702638
Q9ULH7	MKL2	MTNNEEDLSPTSSTLSNELDAAEK	T545	0.61893438	0.90553345	0.83494321
Q15773	MLF2	LAIQGPEDPSR	S238	0.00383636	0.50747922	0.28722668
P40692	MLH1	HREDSVEMVEDDSR	S477	0.13609582	0.60175591	0.54761068
Q5TCX8	MLK4	ITVQASPNDK	S528	0.28153348	0.75715077	0.6455595
P55196	MLLT4	SQDADSPGSSGAPENLTFK	S1779	0.01562549	0.803625	0.41830815
P55196	MLLT4	TISNPEVMVK	S216	0.1008156	0.72930942	0.52414255
P55196	MLLT4	SSPNVANQPSPGK	S1182	0.24332287	1.14368057	0.61347288
Q9BV36	MLPH	ASSESQIFELNK	S336	0.12653435	0.66686118	0.5403576
Q9NYL2	MLTK	SSSPTQYGLTK	S637	0.82417283	1.03219697	0.93550117
Q9Y6X9	MORC2	SPPLPAVIR	S615	0.44238326	0.72803457	0.73673498
Q9Y6X9	MORC2	SVAVSDEEEVEEAEER	S743	0.96230069	0.99591837	0.98552217
Q14149	MORC3	RLSSQFENSYYK	S560	0.92314163	0.9744619	0.97166863
O75970	MPDZ	DADLSPVNASIIK	S483	0.1901621	0.75326867	0.57584619
O00566	MPHOSPH10	EDLEDEEEVSDMGNDPEMGER	S139	0.25649984	2.00627276	0.6256271
Q99549	MPHOSPH8	GYTSDDDTWEPEIHLEDCK	S85	0.12481281	1.42916957	0.5401424
Q99549	MPHOSPH8	GYTSDDDTWEPEIHLEDCK	T84	0.1323676	1.4872089	0.54661151
Q99549	MPHOSPH8	GAEAFGDSEEDGEDVFEVEK	S51	0.35106701	1.14802411	0.68418829
Q99549	MPHOSPH8	GLWSTDSAEEDK	S403	0.64580731	0.94707828	0.84855908
Q8N3R9	MPP5	KQELDLNLSMR	S83	0.16679792	0.75912048	0.56312413
Q6WCQ1	MPRIIP	SPDSATVSGYDIMK	S977	0.11949618	1.18173291	0.53759949
Q6WCQ1	MPRIIP	DQPDGSSLSPAQSPSQPPAASSLR	S220	0.44601041	0.85345219	0.73811209
Q6WCQ1	MPRIIP	DQPDGSSLSPAQSPSQPPAASSLR	S220,S224	0.65881927	1.17989581	0.85428222
Q6WCQ1	MPRIIP	AEEQQLPPPLSPPSPSTPNHR	S289,S292	0.71102471	1.05411255	0.88466484
Q6WCQ1	MPRIIP	DQPDGSSLSPAQSPSQPPAASSLR	S220,S224	0.82897783	1.0722203	0.9364171
O95297	MPZL1	SESVVYADIR	S260	0.07951669	0.32027686	0.50397847
O95297	MPZL1	DYTGCSSTESLSPVK	S208	0.08604511	0.17326668	0.50397847
O95297	MPZL1	DYTGCSSTESLSPVK	S204	0.14826047	0.55322423	0.55352644
O95297	MPZL1	DYTGCSSTESLSPVK	S210	0.31168788	0.85932388	0.66201195
O95297	MPZL1	SPSDTEGLVK	S221	0.65955136	1.09585724	0.85473065
O95297	MPZL1	SESVVYADIR	Y263	0.97690017	1.00344112	0.99099976
Q9NV56	MRGBP	VLTAANSNPPSAAK	S191,S195	0.3161018	1.13563984	0.66476843
Q9NV56	MRGBP	VLTAANSNPPSAAK	S194	0.90987404	0.97403174	0.9669909
P52701	MSH6	SEEDNEIESEEEVQPK	S227	0.09101584	0.77683752	0.51141856
P52701	MSH6	VHVQFFDDSPTR	S137	0.30502847	0.74295225	0.6612054
P52701	MSH6	VISDESIDIGGSDFEVPDTK	S252,S261	0.33148298	2.18295713	0.67604741
Q86UE4	MTDH	WNSVSPASAGK	S308	0.03951169	0.71269518	0.44899888
Q86UE4	MTDH	SQEPPIPDQKVSDDDK	S426	0.3315459	1.08590387	0.67604741
Q15390	MTFR1	QISLPDLSQEEPQLK	S119	0.32223875	0.66825671	0.67020204
Q9H019	MTFR1L	NASVPNLR	S103	0.2109212	0.72607261	0.59787046
Q13614	MTMR2	ASSPAQCVTPVQTVV	S631	0.10022329	0.48923035	0.52414255
Q765P7	MTSS1L	AGSEECVFTYDETASPLADLAK	S612	0.33418784	1.18186784	0.67622969
Q9ULD2	MTU51	NSGFSPSPISPR	S1264,S1268	0.0235773	0.51306077	0.41830815

Q9ULD2	MTUS1	VTFSVSPIEATEK	S443	0.05849275	0.55554123	0.47702638
Q9ULD2	MTUS1	NSGSFPSPSIPR	S1268	0.17739649	0.72508157	0.56898248
Q9ULD2	MTUS1	QLSTEQAVLQESLEK	T1204	0.19666621	0.65277034	0.58169594
Q9ULD2	MTUS1	SGSTSSLSYTWTSSSHSDK	S199	0.54640913	0.86954454	0.7933521
Q5HYI7	MTX3	LTPAEENNSFQRLSP	S311	0.84156523	0.94773974	0.94290531
P98088	MUC5AC	ATSPQTQSTSSWQK	S2769	0.07748906	5.21218536	0.50397847
P98088	MUC5AC	CPAPGDTQHSEEAPEPSQEAESGSWER	S5019	0.29627178	0.7301595	0.65749804
P84157	MXRA7	GPSSEGEEDGEGFSFK	S128	0.07602784	0.77597917	0.50397847
Q9BQGO	MYBBP1A	EIPSATQSPISK	S1163	0.11645467	0.70437956	0.53343618
P10244	MYBL2	EEENSEEELAAATTSK	S241	0.01829097	0.57348456	0.41830815
P01106	MYC	CTSPRSSDTEENVK	S344,T350	0.63295951	0.91717091	0.84199017
O75592	MYCBP2	SKSDSYTLDPDTLR	S2835	0.41614123	0.87748729	0.72383353
O75592	MYCBP2	VNSGDTEVGSLLR	S3467	0.56858174	0.83730238	0.81219225
Q9P2K5	MYEF2	AEVPGATGGDSPHLQPAEPPGEP	S17	0.68406881	1.07310871	0.86742746
P35580	MYH10	QLHLEGASLESDDTESK	S1956	0.07630057	2.03018206	0.50397847
P35580	MYH10	GGPISFSSSR	S1937	0.75806648	0.93793304	0.90833103
Q7Z406	MYH14	LEEGVASDEEAEEAQP GSGSPSEPEGSPPAHPQ	S1969	0.11222006	0.84025271	0.53343618
P35579	MYH9	GAGDGSDSEVDGK	S1943	0.23729809	1.70135172	0.6080317
P35579	MYH9	QAQQRDELADAIANSSGK	S1714	0.68873892	0.93118078	0.86958941
Q15746	MYLK	SSTGSPSTPLNAEK	S1779	0.67125525	0.88983928	0.86074656
Q92614	MYO18A	LEGDSVDSELEDRVDGVK	S1970	0.02361979	1.51273066	0.41830815
Q92614	MYO18A	SLAPDRSDDEHDPLDNTSRPR	S2020	0.20252832	1.16226201	0.58320027
Q92614	MYO18A	SSSPTS YWK	S2007	0.50637981	1.04096639	0.76766855
Q92614	MYO18A	SRDESASETSTPSEHSAAPSPQVEVR	S145	0.82536654	0.95515271	0.93589378
Q12965	MYO1E	NQYVPPHAPGSQR	S980	0.05527019	0.3966974	0.47702638
Q9Y411	MYO5A	AISPTSATSSGR	S600	0.30837845	1.21628257	0.66139614
Q9Y411	MYO5A	TSSIADEGT YLDSILR	S1652	0.3991992	1.35095476	0.7160132
Q13459	MYO9B	VSPAPGASAPETPEDK	T1271	0.19118728	1.29313472	0.57584619
Q13459	MYO9B	VQEKPDSPGGSTQIQR	S1290	0.31112961	1.1771887	0.6619866
Q13459	MYO9B	RTSFSTSDVSK	S1354	0.57037656	1.09390329	0.81408076
Q13459	MYO9B	KPGDASSLPDAGLSPG SQVDSK	S1405	0.59703717	0.80713948	0.82370222
Q13459	MYO9B	VSPAPGASAPETPEDK	T1271,S1267	0.84788009	0.9609375	0.9453218
Q9NZM1	MYOF	GPVGTVSEAQLAR	S174	0.3028144	0.8460832	0.65956859
P41227	NAA10	GNSPPSSGEACREEK	S186	0.0874682	1.40488906	0.50672665
Q9BXJ9	NAA15	ITVNGDSSAAEELANEI	S856	0.73186494	1.05578859	0.89605782
Q147X3	NAA30	CPFPAGAAALCCSEDEEEDDEEHGGSRSPAGGESATVAAK	S39,S53	0.61366677	1.10467714	0.83338657
Q147X3	NAA30	CPFPAGAAALCCSEDEEEDDEEHGGSR	S39	0.64898568	1.01536688	0.84958493
Q13765	NACA	SPASD YTVFGEAK	S114	0.16101291	0.68393455	0.55797736
Q13765	NACA	VQGEAVSNIQENTQTPTVQEESSEEEVDETGVEVK	S166	0.37195479	1.59853306	0.7012243
Q96HR8	NAF1	NDQEPPEALDFSDDEK	S315	0.24466569	0.89092964	0.61377267
P55209	NAP1L1	LDGLVETPGYIESLPR	T62	0.99448947	0.99665668	0.99772632
Q99733	NAP1L4	EFITGDVEPTDAESEWHSENEEEEEK	S125	0.15040817	1.39697406	0.55639713
P49321	NASP	SVSGTDVQEEREK	T248	0.37713133	1.34386089	0.70397848
Q8NEY1	NAV1	VNSNSLDLPSSSDTHHASK	S808	0.39238192	1.14272134	0.71274438
Q6ZNI1	NBEAL2	RISQVSSGTEYNPTEAR	S2739	0.50190918	0.76616574	0.76563097
O60934	NBN	IPNYQLSPTK	S432	0.00180538	0.60279667	0.27314524
Q15021	NCAPD2	YQPLASTASDNDFVTPPEPR	S1333	0.32461514	0.72778229	0.67145617
Q9BPX3	NCAPG	TLHCEGTINSDDDEQESK	S674	0.35607134	0.93082835	0.68810579
Q9BPX3	NCAPG	CQTAEADESSEDHVEPPESEM	S973	0.98680088	0.99572327	0.99494412
Q15003	NCAPH	DAPSLVEEVGHVADGSA TEMGTTK	T203	0.04057063	0.66783716	0.45365343
Q09161	NCBP1	TS DANETEDHLES LICK	T21	0.38258826	1.14909315	0.70884547
Q09161	NCBP1	KTS DANETEDHLES LICK	S22	0.67860883	0.84895717	0.8627275
Q09161	NCBP1	TS DANETEDHLES LICK	S22	0.80886731	1.03746594	0.92670839
P16333	NCK1	RKPSVPDSASPADDSFVDPGER	S85	0.8731458	0.93221831	0.95554946
P19338	NCL	VVVSPTK	T69	0.05627799	0.7371756	0.47702638
P19338	NCL	GFGFVDFNSEEDAK	S619	0.1010822	1.19553159	0.52414255
P19338	NCL	LELQGRGSPNAR	S563	0.54318417	1.31274662	0.79133937
Q9Y6Q9	NCOA3	TPHDELEDINASPEMR	S214	0.67155227	1.09223035	0.86074656
Q8NI08	NCOA7	ECLSLDPEER	S441	0.12403068	1.31581069	0.53975675
Q8NI08	NCOA7	VLSSTSEDEPGVVK	S208	0.38851576	1.15813063	0.71060254
Q8NI08	NCOA7	VLSSTSEDEPGVVK	S208,S211	0.48900308	1.3160122	0.76101518
O75376	NCOR1	MPIEDSSPEK	S1196	0.02529133	0.6370733	0.41830815
O75376	NCOR1	HEAPSSPISGQPCGDDQNASPSK	S158,S172	0.10150145	0.63152585	0.52414255
O75376	NCOR1	AQLSPGIYDDTSAR	S1472	0.26567488	0.71397906	0.63400981
O75376	NCOR1	HEAPSSPISGQPCGDDQNASPSK	S158	0.30829504	1.12054002	0.66139614
O75376	NCOR1	SHVSSPEYIPSPQVPVVEK	S2151	0.77041735	1.0669302	0.91329931
Q9Y618	NCOR2	IIGEDSPSLDR	S1259	0.01808948	0.63104657	0.41830815
Q9Y618	NCOR2	SLGYHGSSYSPGVEPVSPVSSPLTHDK	S2065,Y2056	0.05656366	0.68286247	0.47702638
Q9Y618	NCOR2	SLGYHGSSYSPGVEPVSPVSSPLTHDK	S2065,S2068	0.06219892	0.54726843	0.47702638
Q9Y618	NCOR2	TSVLGGGEGDIEPVSPPEGMTEPGHSR	S2234	0.13686704	0.70309206	0.54797298
Q9Y618	NCOR2	SPGNTSQPPAFFSK	S2269	0.18771942	0.66174223	0.57474321
Q9Y618	NCOR2	SPAPGLASGRPPSSVSHSEGD CNR	S2424	0.35634233	0.68452401	0.68810579
Q9Y618	NCOR2	LEPVSPSPPHTDPELELVPR	S149,S152	0.50732103	1.21950716	0.76766855
Q9NXR1	NDE1	NLVYDQSPNR	S282	0.02322237	0.49121064	0.41830815
Q9NXR1	NDE1	RPSSTSVP LGDK	S306	0.1488872	0.79141311	0.55352644
Q96MG7	NDNL2	GPGGSQGSQGPSQGAR	S64	0.02479303	0.7891284	0.41830815
Q92597	NDRG1	SHTSEGAHLDTNPSGAAGNSAGPK	T366	0.13005801	1.80803951	0.54344847
Q92597	NDRG1	TASGSSVTSLDGTR	S330	0.7479324	1.08462867	0.90350024
Q9UGV2	NDRG3	THSTSSSLGSGESPFSR	S331	0.37418325	0.71775839	0.7024407
Q9UGV2	NDRG3	THSTSSSLGSGESPFSR	T332	0.43037794	0.73627195	0.73031829
Q96PU5	NEDD4L	SLSSPTVTLAPLEGAK	S446	0.59267171	1.22144115	0.82284423

Q969S2	NEIL2	FDLDEEMGPPGSSPTPEPPQK	S68	0.47188614	0.88948856	0.75004241
Q96PY6	NEK1	TCSLPDLK	S1052	0.60956052	1.06412226	0.83062316
Q8TD19	NEK9	HCDSINSDFGSEGGCGDSSPGPSASQGR	S29	0.18704352	0.71135364	0.57474321
Q8TD19	NEK9	VASEAPLEHKPQVEASSPR	S869	0.97463795	0.99548533	0.98993501
P18615	NELFE	SLSEQPVMDDTATATEQAK	S49	0.12198885	0.65834797	0.53793802
P18615	NELFE	SLYESFVSSDR	S131	0.37694865	0.8351637	0.70397848
P18615	NELFE	SISADDDLQESSR	S115	0.4282272	0.86934232	0.72966058
O60524	NEMF	NPYLLSEEDDDVDGDVNVK	S471	0.20742235	1.90184662	0.59203789
O60524	NEMF	KLPSDSGDLEALEGK	S831	0.28708312	1.13855739	0.65007167
P48681	NES	DGESDGFADDEESGEEGEDQEEGREPGAGR	S1418	0.81701669	1.07647091	0.93141526
P48681	NES	QEASTGQSPDHASLAPPLSPDHSLEAK	S471	0.88282096	0.94395114	0.95761744
Q7Z628	NET1	RASGLSTEGATGPSADTSGSELDGR	S21	0.09549021	0.62971399	0.51670111
P21359	NF1	SFDHLISDTK	S2543	0.0893845	1.33834587	0.51018936
P21359	NF1	SMSLDMGQPSQANTK	S2523	0.37637507	1.17457737	0.70397848
P21359	NF1	GSEGYLAATYPTVGQTSR	S2515	0.65590056	0.92708629	0.85263945
P35240	NF2	MSFSSLK	S12	0.46896927	0.84321755	0.74878542
P35240	NF2	RLSMEIEK	S518	0.79452057	0.95952091	0.92361025
Q12968	NFATC3	KTSEDQAAILPGK	S344	0.28454941	0.72375049	0.64892143
Q12857	NFIA	SPGSGSQSSGWHEVEPGMPSPTTLK	T322,S300	0.02526451	0.68719382	0.41830815
Q12857	NFIA	SPGSGSQSSGWHEVEPGMPSPTTLK	S300	0.71736359	1.17534251	0.88806482
P08651	NFIC	NWTEDEMEGGISSPVK	S323	0.0109966	0.75802804	0.37969115
P08651	NFIC	SPFNPSPPQDSDR	S339	0.22064531	0.88060606	0.60598282
P08651	NFIC	SPFNPSPPQDSDR	S333	0.33318287	0.86278896	0.67622969
Q15653	NFKBIB	TPDTNHTPVALYPSDLEK	S183	0.74003979	0.96989851	0.89994504
Q12986	NFX1	SESGTDLREHSPSESEK	S150	0.02362875	1.60598504	0.41830815
P23511	NFYA	EKDSPHMQDPNQADEEAMTQIIR	S326	0.25224189	1.44437756	0.61962985
Q8NEJ9	NGDN	EQYSDAPEEIR	S214	0.12087028	0.69835101	0.53774744
Q8NEJ9	NGDN	LSEDEEEDAEEDDQSEASGK	S142	0.21297922	0.72558038	0.59975506
Q6T4R5	NHS	VQQEIDSDSPVAR	S415	0.61199235	0.91679538	0.83176861
Q9BYG3	NIFK	TVDSQGPPTVCTPTFLER	T234,T238	0.09428954	0.50368386	0.51670111
Q9BYG3	NIFK	SQVAELNDDDK	S247	0.30667773	0.70070854	0.66139614
Q9BYG3	NIFK	SQVAELNDDDKDEIVFK	S247	0.4346099	0.8569869	0.73192983
Q9BYG3	NIFK	EEIQETQTPTHSR	T279	0.5891312	1.11580306	0.82177718
Q6KC79	NIPBL	AAMYDIISPSK	S350	0.01464337	0.51849676	0.41362115
Q6KC79	NIPBL	AITSLLLGGGSPK	S2658	0.49343191	1.11991897	0.76351366
Q8NSF7	NKAP	IGELGAPEVWGLSPK	S149	0.14638133	1.50555427	0.55352644
P30414	NKTR	VEETSPGNGAR	S1146	0.1706945	1.20260842	0.56526141
P30414	NKTR	ILIPSDIESSK	S463	0.28722899	0.7587025	0.65007167
Q9NX02	NLRP2	ENLPEVNTASESDAEVER	S671	0.03742017	0.60531043	0.44815912
Q96D46	NMD3	DSAIPIVSDTDDDEGAPR	T470	0.7294923	0.95371051	0.89480162
Q96D46	NMD3	DSAIPIVSDTDDDEGAPR	S468	0.78814104	1.03987426	0.92123384
P15531	NME1	NIIHGSDSVEAEK	S120	0.03369534	1.70518484	0.43874459
O60361	NME2P1	NIIHGSDSVK	S105	0.03874646	2.63057337	0.44872753
Q9HAN9	NMNAT1	LEASDCDHQQNSPTLERPGR	S117	0.47060128	0.84622068	0.74973768
P30419	NMT1	GGLSPANDTGAK	S47	0.03470292	0.73642534	0.43874459
Q9ULX3	NOB1	GEDVPSSEEEEEENGFEDE	S184	0.10875478	0.67577828	0.53337143
Q9ULX3	NOB1	KDDSDDDGGGWITPSNIK	S201	0.32734898	0.79021711	0.67305029
Q9ULX3	NOB1	DDSDDDGGGWITPSNIK	S201	0.80213587	1.09559948	0.92455018
Q76FK4	NOL8	VSCHSDDDIMR	S365	0.73764471	0.91617235	0.89895555
P78316	NOP14	FGEYNSNMSPEEK	S96	0.08360908	0.45203202	0.50397847
P78316	NOP14	RFGYNSNMSPEEK	S96	0.08769361	0.68725946	0.56072665
P46087	NOP2	GTDTQTPAVLSPSK	S732	0.07106217	0.59573579	0.49571338
P46087	NOP2	EVTPESGPPK	T195	0.18199808	1.3554007	0.57200583
P46087	NOP2	GPQPPTVSPIR	S786	0.23786367	0.68504854	0.60861996
O00567	NOP56	EELMSSDLEETAGSTSIPK	S520	0.55622685	0.93186044	0.79988187
O00567	NOP56	EELMSSDLEETAGSTSIPK	S569	0.87344109	0.96417278	0.95556896
O00567	NOP56	EELMSSDLEETAGSTSIPK	S570	0.97872115	1.00327869	0.99197047
O00567	NOP56	EELMSSDLEETAGSTSIPK	S569,S570	0.99186113	0.99538516	0.99691668
Q9Y2X3	NOP58	EELMSSDLEETAGSTSIPK	S502	0.01145333	1.87855518	0.38671818
Q9Y2X3	NOP58	EELMSSDLEETAGSTSIPK	S502,S514	0.03851774	0.6005488	0.44815912
Q9Y2X3	NOP58	EELMSSDLEETAGSTSIPK	S514	0.25289983	0.73092782	0.62080328
P06748	NPM1	LLSISGK	S137	0.08499295	0.71505325	0.50397847
P06748	NPM1	CGSGPVHISGQHLVAVEEDAEESEEEEEEDVK	S125	0.28433824	1.72152354	0.64892143
P06748	NPM1	GPSSVEDIK	S243	0.43133334	1.13146998	0.73034023
P15559	NQO1	EGHLSPDIVAEQK	S82	0.54036136	1.09823893	0.78956492
P10588	NR2F6	AAEDDSASPPGAASDAEPGDEERPLQVDCVVCCK	S40	0.00079295	0.40765531	0.25274253
Q9UHY1	NRBP1	TPTPEPAEVETR	T433	0.32007799	0.81949652	0.66890084
O43847	NRD1	RGSLSNAGDPEIVK	S94	0.65581047	0.89365452	0.85263945
O43847	NRD1	RGSLSNAGDPEIVK	S96	0.68696636	0.89329733	0.86918153
Q96L73	NSD1	AASPHQVTQAQDEK	S2471	0.23208662	0.75313457	0.6080317
Q9UNZ2	NSFL1C	KSPNELVDDLK	S114	0.0567201	1.49847102	0.47702638
Q9UNZ2	NSFL1C	SPNELVDDLK	S114	0.08552698	1.29437043	0.50397847
Q9UNZ2	NSFL1C	VTSFRDLHDQDEDEEEEEGQR	T73	0.10272829	1.89080404	0.52414255
Q9UNZ2	NSFL1C	LGSTAPQVLSTSSPAQQAENEAK	S272	0.75664331	0.91668101	0.90833103
Q08J23	NSUN2	AGEPNSPDAAEANSPPVDTAGCDPAGVHPPR	S751	0.08653373	0.7943208	0.50489821
Q08J23	NSUN2	AGEPNSPDAAEANSPPVDTAGCDPAGVHPPR	S743,S751	0.41818733	1.10961288	0.72427252
Q08J23	NSUN2	ESTQLSPADLTGKPTDPSK	S456	0.45379266	1.35747793	0.73871138
Q08J23	NSUN2	LESPSTFGTGDTEIAHATEDLENNGSK	S473	0.61056858	1.11555366	0.83095214
Q08J23	NSUN2	AGEPNSPDAAEANSPPVDTAGCDPAGVHPPR	S743	0.67451636	1.06057495	0.86131187
Q63ZYG	NSUN5P2	ASAPERTPSAPK	T258,S260	0.72676006	0.93109311	0.89359574
Q9H1E3	NUCKS1	VVDYSQFQESDDADEDYGRDSGPPTK	S19	0.11771898	1.8127786	0.53556693

Q9H1E3	NUCKS1	EEDEEPSPEPK	S214	0.17995221	1.18109389	0.56962812
Q9H1E3	NUCKS1	VVDYSQFQESDDADEDYGR	S19	0.20095439	1.12258494	0.58195492
Q9H1E3	NUCKS1	EMLMEDVGSSEEEQEEDEAPFQEK	S113	0.24961653	1.15515654	0.61802971
Q9H1E3	NUCKS1	ATVTPSPVK	T179,S181	0.4312351	0.78920863	0.73034023
Q9H1E3	NUCKS1	TPSPKEEDEEPSPEPK	S214	0.50406662	1.465698	0.76766855
Q9H1E3	NUCKS1	ATVTPSPVK	S181	0.91760254	1.04249413	0.96969105
Q9Y266	NUDC	NGSLDSPGKQDTEDEEEDEK	S139	0.64966107	1.24959055	0.84958493
Q7Z417	NUFIP2	NLSSDEATNPISR	S112	0.19516895	0.83978495	0.58045066
Q7Z417	NUFIP2	DYEIESQNPLASPTNTLLGSAK	S629	0.25832911	1.43666455	0.62621067
Q7Z417	NUFIP2	TIQNSSVSPSSSSSSTGETQTQSSSR	S379	0.36683805	0.68313848	0.69762023
Q7Z417	NUFIP2	NDSWGSFDLR	S652	0.40402023	1.12553091	0.7160132
Q7Z417	NUFIP2	GADNDGSGSESGYTTPK	S212	0.5754135	0.9451581	0.81432655
Q14980	NUMA1	RVSLEPHQPGTPESK	S1991	0.13368938	0.5456744	0.5475768
Q14980	NUMA1	RVSLEPHQPGTPESK	T2000	0.19806685	0.73447741	0.58169594
Q14980	NUMA1	VSLEPHQPGTPESK	T2000	0.28513796	0.7241412	0.64905165
Q14980	NUMA1	TQPDPGTSVPGEPASISQR	S1757	0.54116471	0.89302885	0.79040342
Q9Y6R0	NUMBL	AEAAAAPTAPGPAQPGHVSPTATTSPGKEK	S263,S270	0.02275761	0.48742524	0.41830815
Q9Y6R0	NUMBL	AEAAAAPTAPGPAQPGHVSPTATTSPGKEK	T269	0.67419222	1.17919729	0.86131187
P49790	NUP153	NTSLPPLWSPEAER	S209	0.2815389	0.72788163	0.6455595
O75694	NUP155	AAPQSPSPVK	S994	0.104333	0.77320872	0.52476522
Q8TEM1	NUP210	DLAVPAALTPR	T1844	0.29724868	0.77406117	0.65749804
P35658	NUP214	SAQSSSPVPMVMQK	S657	0.14851983	0.78171711	0.55352644
P35658	NUP214	SPGSTPTTPTSSQAPQK	T434,T436	0.22709668	0.81910246	0.6080317
P35658	NUP214	SPGSTPTTPTSSQAPQK	S430	0.75643237	1.05618831	0.90833103
Q9UKX7	NUP50	VAAEQSPSLFGSTK	S221	0.08589137	0.47406213	0.50397847
Q9BWZ7	NUP85	RPVHGSEDTLQDDDIETTK	S617	0.12577207	0.73180757	0.5403576
Q99567	NUP88	EDVEVAESPLR	S517	0.04459327	0.74822232	0.45441331
P52948	NUP98	ADTSEQICSPR	S1023	0.04664782	0.76418191	0.45625798
P52948	NUP98	DSENLASPSEYPENGER	S623	0.07780313	0.73309157	0.50397847
P52948	NUP98	NLNNNSLFSVYNR	S612	0.57437269	0.90821238	0.81432655
P52948	NUP98	YGLQDSDSEEEHPSK	S888	0.91631199	1.0090703	0.96930175
Q9NX40	OCIAD1	KLENSPLGEALR	S108	0.30919576	0.72710674	0.66139614
Q9NX40	OCIAD1	LENSPLGEALR	S108	0.39140207	0.6579669	0.71204522
Q16625	OCLN	RTEQDHYETDYTTGGESCELEEDWIR	S408	0.23027809	5.35386278	0.6080317
Q16625	OCLN	YSSGGNFETPSK	S370	0.83573333	1.06023804	0.93968841
Q9NZT2	OGFR	KVEEESGPGDPDHEASTQGR	S315	0.22388428	1.22049222	0.6080317
Q9NZT2	OGFR	SVEPQDAGPLER	S349	0.26907451	0.83414925	0.63502787
Q9NZT2	OGFR	VEEESGPGDPDHEASTQGR	S315	0.4898093	1.18059856	0.76192558
Q9NZT2	OGFR	SQGDEAGGHGEDRPEPLSPK	S378	0.5562477	1.11424904	0.79988187
Q15619	OR1C1	NLTVVR	T7	0.30026283	0.91214703	0.65817287
Q13415	ORC1	VAFSEITSPSK	S273	0.00264492	0.20565904	0.27314524
Q13415	ORC1	SAESPSWTPAEHVAK	S199	0.0064888	0.39403414	0.34322215
P22059	OSBP	MLAESDESDEESVSQTDK	S193	0.02054981	1.70484803	0.41830815
P22059	OSBP	RTGSNISGASSDISLDEQYK	T377,S382	0.03989363	1.54964192	0.44899888
P22059	OSBP	SLSELESK	S240	0.1471953	1.74521007	0.55352644
P22059	OSBP	MLAESDESDEESVSQTDK	S190,S193	0.5248494	1.38762398	0.7781237
Q9BXW6	OSBPL1A	SFEEEGHGLSR	S499	0.02726408	0.7084238	0.41837587
Q9H4L5	OSBPL3	LHSSNPNTLDFGEEK	S303	0.78580704	1.07707618	0.92039443
Q96FW1	OTUB1	QEPLGSDSEGVNCLAYDEAIMAQDQR	S16	0.40605135	1.45406643	0.71641437
Q01804	OTUD4	ESNYFGLSPEER	S442	0.00681596	0.54494756	0.34322215
Q01804	OTUD4	EESSEDEENSNILR	S1023	0.39959764	1.09233049	0.7160132
Q96G74	OTUD5	QAPGVAVGGGSPEREVEVGAGYSEDEYEA AAAAR	S165,S177	0.10751768	0.66942548	0.53050271
Q96G74	OTUD5	ATSPVLVLYPALECR	S508	0.66761167	1.3456148	0.85857154
Q8N573	OXR1	VVSSTSEEEAFTEK	S202	0.10188411	0.77813019	0.52414255
O95747	OXR1	TEDGGWEVSDDFDEESEEGK	S339	0.18278059	1.92602821	0.57200583
Q86U42	PABPN1	APPGAPGPGSGGAPGSGQEEEEEPGLVEGDPGDGAIEDPELEAIK	S95	0.02740566	1.32152919	0.41837587
Q6VY07	PACS1	LTSTSAITR	S320	0.78684713	1.16068162	0.92069713
Q9UKS6	PACSN3	DGTAPPQSPGSPGTGQDEEWSDEESPRK	S354	0.74591102	1.04891957	0.90295872
Q9BTK6	PAGR1	DLFSLDSEDPSPAPPLR	S237	0.35214255	0.86522484	0.68437095
Q13153	PAK1	DVATSPISPTENNTTTPDALTR	T230	0.29209863	0.7196467	0.65323876
Q13177	PAK2	YLSFTPEK	S141	0.30942763	0.71760797	0.66139614
Q13177	PAK2	GTEAPAVVTEEDDDEETAPPVIAPRPDHTK	T169	0.38955215	1.20448508	0.71060254
Q8WX93	PALLD	SRDSGDENEPIQER	S1121	0.05115414	0.72439844	0.45652016
Q8WX93	PALLD	IASDEIQGTK	S893	0.34068561	0.8054567	0.67842858
Q9BZ23	PANK2	DRLGYSYSGPVSVR	S191	0.36187434	0.82212545	0.69277111
Q9BZ23	PANK2	LGSYSGPVSVR	S189	0.5603386	0.89260658	0.80475652
Q9BWT3	PAPOLG	RLSLDSSCLDSSR	S525	0.17252753	0.41885263	0.56561687
Q8TEW0	PARD3	FSPDSQYIDNR	S383	0.08222779	0.65937396	0.50397847
Q8TEW0	PARD3	SPGSPPELPIETALDDR	S692	0.27583751	0.75168165	0.64101511
Q8TEW0	PARD3	ESVSTASDQPSHSLR	S973	0.49466086	1.06122075	0.76357885
Q8TEW0	PARD3	ISHLYSGIYGLDESPSR	S728	0.62746086	0.88001907	0.83899389
Q8TEW0	PARD3	AGSPSRDVGPSLGLK	S873	0.85516203	1.05955354	0.94852754
Q8TEW0	PARD3	SMDLGIADETK	S852	0.98542144	0.99889538	0.9949188
Q9BYG5	PARD6B	HGAGSGCLGTMEVK	S11	0.59326579	0.92758449	0.82284423
Q86W56	PARG	QESCLGNPPFEK	S286	0.06998911	0.8469588	0.49571338
Q86W56	PARG	SPQNDHSDTDESEENRDNQQFLTTVK	S197	0.36993865	0.8194352	0.70105255
O95453	PARN	NNSFTAPSTVGK	S557	0.2552486	0.66950765	0.62390075
O95453	PARN	ELSPAGSISK	S619	0.96126176	0.99136364	0.98502328
Q86TB9	PATL1	STSPIIGSPVVR	S179	0.48381749	1.19242705	0.75785402
Q96I20	PAWR	STTSVSEEDVSSR	S231	0.39655092	1.50534771	0.7160132
Q9Y5B6	PAXB1	LVRENDASDDEEDDEK	S262	0.58289887	1.12253386	0.81845981

Q96KB5	PBK	GLSHSPWAVK	S59	0.56541409	0.74494233	0.80934585
Q15154	PCM1	YMSQMSVPEQAELEK	S93	0.00939833	0.35902899	0.37254089
Q15154	PCM1	WVSELSVVEEK	S991	0.01263154	0.58195726	0.39919401
Q15154	PCM1	RVTNDISPESSPGVGR	S65	0.01729607	1.19617785	0.41830815
Q15154	PCM1	VTNDISPESSPGVGR	S65,S69	0.03078012	0.62248636	0.43445387
Q15154	PCM1	ILEDHGSPAGEIDDEDK	S1730	0.13505054	0.8013013	0.5475768
Q15154	PCM1	SDGSENLCTPQQSR	S869	0.47315086	1.15754348	0.75075773
Q15154	PCM1	KFGVESDK	S56	0.5899861	1.06719818	0.82197092
Q15154	PCM1	KDEETESEYDSEHENSEPVTNIR	S537	0.64378713	0.88993644	0.84760107
Q15154	PCM1	VTNDISPESSPGVGR	S65	0.64621435	0.8858739	0.84855908
Q15154	PCM1	RVTNDISPESSPGVGR	S65,S68	0.79088133	1.09073651	0.92210365
Q15154	PCM1	RILEDHGSPAGEIDDEDK	S1730	0.87735884	1.01867912	0.95556965
Q8WW12	PCNP	TLSVAAAFNEDESEPEEMPPEAK	S119	0.27520301	2.05510304	0.64019666
Q8WW12	PCNP	DTPTSAGPNSFNK	S147	0.88128457	1.03536346	0.95761744
P49585	PCYT1A	TSPPCSANLSR	T342,S347	0.37193654	1.17271922	0.17012243
P49585	PCYT1A	MLQAISPKQSPSSSPTTR	T325,S315,S319	0.3734559	1.39029024	0.70215671
P49585	PCYT1A	AAAYDISEDEED	S362	0.38273295	1.61841838	0.70884547
Q9Y5K3	PCYT1B	MLQALSPK	S315	0.71919211	0.90027866	0.88953552
Q13442	PDAP1	SLDSEDESEDDYQQK	S63	0.5316502	0.81937826	0.78441777
Q53EL6	PDCD4	SGLTVPTSPK	T93	0.00197688	1.62573099	0.27314524
Q53EL6	PDCD4	RFVSEGDGGR	S457	0.19323464	3.59828942	0.57728191
O14737	PDCD5	VMDSDEDDDY	S119	0.78836881	0.89337404	0.92123384
Q08499	PDE4D	DSGSQVEEDTSCSDSK	S754	0.04138534	0.875	0.45441331
Q08499	PDE4D	EWYQSTIPQSPAPDDPEEGR	S715	0.36404483	0.61538929	0.69576604
O60658	PDE8A	RLSGNEVLTSK	S457	0.67218857	1.06503874	0.86092132
P29803	PDHA2	YHGHSMSDPGVSYR	S291,S298	0.03422173	0.19161949	0.43874459
P29803	PDHA2	YHGHSMSDPGVSYR	Y287	0.12765328	0.59427023	0.5403576
P29803	PDHA2	YHGHSMSDPGVSYR	S291	0.28489234	0.68604959	0.68492143
O00151	PDLIM1	VWSPLVTEEGK	S90	0.57701705	0.86844572	0.81432655
O15530	PDPK1	ANSFVGTAAQVYVSPPELLTEK	S241	0.76930881	1.15302263	0.91329931
Q29RF7	PDS5A	AAVGQSPGSGLEAGNAK	S1305	0.11528434	0.80830537	0.53843618
Q9NTI5	PDS5B	METVSNASSSNPSPGR	S1166	0.04968843	0.59630819	0.45652016
Q9NTI5	PDS5B	EDILENEDEQNSPPKK	S1283	0.08155313	0.89638259	0.50397847
Q9NTI5	PDS5B	AESPESAIESTQSTPQK	T1370,S1358	0.08496995	0.44322939	0.50397847
Q9NTI5	PDS5B	AESPESAIESTQSTPQK	S1361	0.12892474	1.26809211	0.54214506
Q9NTI5	PDS5B	RGHTASESEDEQQWPEEK	S1257	0.17175623	0.87344398	0.56561687
Q9NTI5	PDS5B	AESPESAIESTQSTPQK	S1358	0.24304897	1.28376777	0.61323126
Q9NTI5	PDS5B	GHTASESEDEQQWPEEK	S1257	0.29284258	0.66247676	0.6544775
Q6P996	PDXDC1	GSDALSETSSVSHIEDLEK	S718	0.07345096	0.5614193	0.49894498
Q15121	PEA15	DIIRQPSSEIIIK	S116	0.00955312	2.2630118	0.37254089
P30086	PEBP1	NRPTSISWDGLDLSGK	S52	0.88551172	1.03286853	0.95812202
Q8IZL8	PELP1	GADTAPTLAPEALPSQGEVEREGESPAAGPPPQELVEEESAPPTLLEEETEDGSDK	S1033	0.09644611	3.99627489	0.51801227
Q8IZL8	PELP1	EGESPAAGPPPQELVEEESAPPTLLEEETEDGSDK	S1043	0.23545668	1.18885921	0.6080317
Q8IZL8	PELP1	EGESPAAGPPPQELVEEESAPPTLLEEETEDGSDK	S1073	0.40362834	1.03730664	0.7160132
O43933	PEX1	SQSGEDEMNPQGPPIK	S1211	0.1375969	0.82432327	0.54797298
O75381	PEX14	SPSPSSPAAVNHSSSDISPVSNSTSSSPGK	S275	0.47587909	1.50650219	0.75249201
P40855	PEX19	NATDLQNSSMSEELTK	S147	0.02223114	0.50964493	0.41830815
Q16875	PFKFB3	RNSVTPLASPEPTK	S461	0.08088198	0.4172926	0.50397847
Q16875	PFKFB3	RNSVTPLASPEPTK	S461,S467	0.08958666	0.2811734	0.51018936
Q01813	PFKP	SFAGNLNTYK	S386	0.32481261	0.84761905	0.67146136
Q01813	PFKP	GRSFAGNLNTYK	S386	0.74248008	1.09954088	0.90061831
P07737	PFN1	DSPSVVAAVPGK	S30	0.54247262	0.86012479	0.79120965
P18669	PGAM1	SYDVPPPMPEDPHPFYSNISK	S118	0.51883557	1.20276498	0.77588784
O00264	PGRMC1	GDQPAASGSDDDDEPPLPR	S57	0.49758348	1.12449799	0.76446134
O00264	PGRMC1	EGEPTVYSDEEPEKDESAR	S181	0.55549266	1.21603427	0.79946374
O00264	PGRMC1	EGEPTVYSDEEPEK	S181	0.64702982	1.08132147	0.84857985
O00264	PGRMC1	GDQPAASGSDDDDEPPLPR	S54	0.91298244	1.03222857	0.96718287
O15173	PGRMC2	LLKPGEEPSEYTDDEEDTK	S208	0.02671823	1.43995098	0.41830815
O15173	PGRMC2	LLKPGEEPSEYTDDEEDTK	T211	0.06162473	1.2715816	0.47702638
O15173	PGRMC2	GLGAGAGAGEESPATSLPR	S90	0.73174865	0.91438746	0.89605782
Q8IZ21	PHACTR4	SSSPVQVEEPVR	S118	0.65847268	0.95802161	0.85416521
Q8IXK0	PHC2	LPQQDHTTTTSEMEEPYLQESK	T619	0.87271026	0.9555635	0.95542841
Q8NDX5	PHC3	MDRTPPPPTLSPAAITVGR	T609,S616	0.77952052	1.12637886	0.91574407
Q8WUB8	PHF10	GTSDDSSGNVSEGESPPDSQEDSFQGR	S327	0.01374141	0.5417869	0.41152527
Q8WUB8	PHF10	RYSPELDR	S270	0.37666834	1.2326519	0.70397848
O94880	PHF14	SNEDSLILEK	S302	0.04776543	0.61226921	0.45625798
Q92613	PHF16	NSSTETDQPHSPDSSSVHSIR	S566	0.88234013	1.01985112	0.95761744
Q6IE81	PHF17	GAAQENGAPCECSR	S392	0.28930475	0.57607597	0.65205353
O75151	PHF2	AVRPEVNTVASSDEVCDGDREK	S458	0.79515226	0.96102992	0.92361025
Q96BD5	PHF21A	YNAVLFGFALTPTSQSSHPDSENEK	S447,S455	0.15889275	1.44266622	0.55688781
Q9BUL5	PHF23	EESDWPASGSSSLRGEAASDSDGWDAPSDDLPR	S64	0.80993143	1.03911498	0.92702022
Q92576	PHF3	RQLQEDQENLNQDQNTSSNSPCR	S1614	0.09303658	0.66893424	0.51597098
Q92576	PHF3	SPQFINLK	S1642	0.15744598	0.61101816	0.56688781
Q8IWS0	PHF6	TAHNSEADLEESFNEHELEPSSPK	S155	0.1988676	1.75941873	0.58169594
Q8IWS0	PHF6	TAHNSEADLEESFNEHELEPSSPK	S154	0.26303606	1.61194424	0.63172678
Q8IWS0	PHF6	TAHNSEADLEESFNEHELEPSSPK	S138,S155	0.43860454	0.82084189	0.7336348
Q8WWQ0	PHIP	TAFYNEDDSEEEQR	S1783	0.12029122	0.80197044	0.5377039
Q8WWQ0	PHIP	AQSYDIQAWK	S1315	0.5998845	0.91117807	0.8257403
Q93100	PHKB	SGSVYEPLK	S27	0.20048099	0.68143651	0.58169594
Q93100	PHKB	RQSSTPAPELGQQPDVNISEWK	T702	0.4794848	1.68480404	0.75541886
Q93100	PHKB	RQSSTPAPELGQQPDVNISEWK	T702,S700	0.65740265	1.21625456	0.85340924

Q93100	PHKB	QSSTPSAPELGQQPDVNISEWK	T702	0.8766095	0.97137803	0.95556965
Q93100	PHKB	RSGSVYELPK	S27	0.99403064	0.99706846	0.99772632
Q86UU1	PHLDB1	TRSPSPTLGESLAPHK	T522,S518	0.20294381	0.62119391	0.58387059
Q86UU1	PHLDB1	TFSDLATR	S430	0.21798331	0.79272574	0.60411977
Q865Q0	PHLDB2	LSTGTTVEDVQK	S468	0.21336801	0.71779482	0.59986893
Q865Q0	PHLDB2	SHDNVYSLGGLEGR	S157	0.40020579	0.7467492	0.7160132
Q865Q0	PHLDB2	SSISSISGR	S414	0.87966939	1.04941301	0.95721371
Q9P1Y6	PHRF1	RPSPEPWDEEDGASCSTFFGSEER	S936	0.23137414	1.51416665	0.6080317
Q9P1Y6	PHRF1	TVTCTVVEPEAPPSPDVLQAATHR	T981	0.33777082	2.68790964	0.67736506
Q9P1Y6	PHRF1	GRECSPTSSLER	S1124	0.40210526	1.1652883	0.7160132
Q9P1Y6	PHRF1	ECSPTSSLER	S1124	0.48174986	0.88480099	0.75656475
Q9P1Y6	PHRF1	EASPTAPLAQGEPPGREDLPTR	S1202	0.52718357	0.87748714	0.77967028
Q9P1Y6	PHRF1	GAVAAEGASDTEREETESQGLAAR	S915	0.62743383	1.13947151	0.83899389
Q9P1Y6	PHRF1	LPALGEAHVSEVATADK	S1229	0.69158141	0.91071636	0.8713243
Q9BTU6	PI4K2A	VAAAAGSGSPPGSPGHDRER	S47,S51	0.38217301	1.24106016	0.70884547
Q9BTU6	PI4K2A	VAAAAGSGSPPGSPGHDR	S47,S51	0.58025741	0.9079396	0.8170849
Q9BTU6	PI4K2A	VAAAAGSGSPPGSPGHDR	S47	0.90737639	0.95030988	0.96679277
Q9UBF8	PI4KB	SVENLPECGITHEQR	S428	0.00585967	0.74907407	0.31900981
O75928	PIAS2	CIFMSETQSSPTK	S499	0.05039976	0.62958047	0.45652016
Q13492	PICALM	ITAAQHSVTGSAVSK	S16	0.4534705	1.93628874	0.73771138
O00443	PIK3C2A	SQSLNIR	S338	0.18768761	1.13386728	0.57474321
O00443	PIK3C2A	GFELSSSTR	S58	0.24681842	1.33126677	0.61377267
O00443	PIK3C2A	VSNLQVSPK	S259	0.49860956	0.91026566	0.76446134
Q9Y2I7	PIKFYVE	SASITNLSLDR	S307	0.53033032	0.82876029	0.78301333
Q13563	PKD2	SLDDSEEDDDEDSGHSSR	S812	0.99939772	1.00016803	0.99997843
P14618	PKM	LDIDSPPIAR	S37	0.50645433	1.06306306	0.76766855
Q16512	PKN1	LNLGTDSDSSPQK	S562	0.07317499	0.61934172	0.49843227
Q16513	PKN2	ASSLGEIDSELR	S582	0.31540366	0.88131148	0.640810833
Q99959	PKP2	RLEISPDSSPER	S151,S155	0.73255381	1.0679595	0.89605782
Q9Y446	PKP3	ADYDTLSLR	S180	0.00580232	1.58995457	0.31900981
Q9Y446	PKP3	TADHHQLR	T666	0.28131654	0.86783569	0.6455595
Q9Y446	PKP3	AGGLDWPEATEVSPSR	S238	0.57206135	0.89303318	0.81432655
Q9Y446	PKP3	LSSGFDDIDLPSAVK	S314	0.57703173	1.23738302	0.81432655
Q99569	PKP4	TGSVIGINLQR	S447	0.03185969	0.67493736	0.43874459
Q99569	PKP4	VGSPLTLTDAQTR	S314	0.56804738	0.86845144	0.81210261
Q99569	PKP4	AASPYQRASPTAIR	Y275,S281	0.58829305	0.93236376	0.82160635
Q99569	PKP4	SAVSPDLHITPIYEGR	S406	0.93023627	1.02144437	0.97583851
P47712	PLA2G4A	HIVSNDSSDDESHEPK	S437	0.00994493	0.64196401	0.37254089
P47712	PLA2G4A	CSVSLNVEAR	S729	0.02276009	0.5723279	0.41830815
P47712	PLA2G4A	CSVSLNVEAR	S727	0.17964135	0.60529748	0.56916727
Q15147	PLCB4	ANVTPQSSSELRPTTAAALASGVCAK	T886,S889	0.99482932	0.9991343	0.99772632
Q4KWH8	PLCH1	TAALESNLPGPSNTR	S1307	0.04377538	0.67820465	0.45441331
Q15149	PLEC	GYSPYSVSGSSTAGSR	S4626	0.07872087	1.15430662	0.50397847
Q15149	PLEC	SSSVGSSSSYPISPAVSR	S4384,S4400	0.11449927	0.58606557	0.53343618
Q15149	PLEC	SLQEEHVAVAQLR	S1732	0.13558541	3.65634984	0.5475768
Q15149	PLEC	SDEGQLSPATR	S720	0.14596098	1.21186834	0.55352644
Q15149	PLEC	SSSVGSSSSYPISPAVSR	S4386,S4389	0.21711176	0.66131907	0.60411977
Q15149	PLEC	ELEEVSPEPVPVATTQR	S149	0.22377089	0.78651443	0.6080317
Q15149	PLEC	SSSVGSSSSYPISPAVSR	S4386	0.34305888	1.19642626	0.67878924
Q15149	PLEC	GYSPYSVSGSSTAGSR	T4623,S4622	0.50719289	0.78011659	0.76766855
Q15149	PLEC	QITMEELVR	T4030	0.52922948	1.50913431	0.78192464
Q15149	PLEC	SSSVGSSSSYPISPAVSR	S4396	0.85116029	1.07557762	0.94652762
Q9HB20	PLEKHA3	TYSDDTDCSDIPLEDPRPVHCSK	S244	0.40827203	1.46624143	0.71694309
Q9HAU0	PLEKHA5	SPTPESTIASYVTLR	S855	0.4569539	1.74689548	0.74093656
Q9Y2H5	PLEKHA6	SPTDDEVTPSAVVR	S777	0.18851263	0.81828485	0.57474321
Q9Y2H5	PLEKHA6	TKSPTDDEVTPSAVVR	T775	0.54728718	1.13170132	0.7933521
Q9Y2H5	PLEKHA6	TKSPTDDEVTPSAVVR	T779	0.89801707	0.98127624	0.96293924
Q9H7P9	PLEKHG2	LESSLDLPHSPPPSSR	T1257,S1261	0.40740698	0.83044808	0.71690855
A1L390	PLEKHG3	IWEGMESSGGSPGK	S827	0.00166268	0.534067	0.27314524
A1L390	PLEKHG3	GPLSPFNSR	S76	0.15604327	0.71260293	0.55688781
A1L390	PLEKHG3	DGKSPVTPCLQEEAGEPLGGK	S962	0.29041947	0.49026332	0.62505353
A1L390	PLEKHG3	AWSSQDEVSTNVR	S433	0.80170815	0.91430701	0.92455018
A1L390	PLEKHG3	SSSVLSLEGSEK	S643	0.8069568	0.93837675	0.92607772
O60664	PLIN3	VSGAQEMVSSAK	S130	0.07435513	1.53781816	0.49918003
Q68D20	PMS2CL	APETDDSFSDVCHSNQEDTGCK	S161	0.04445247	0.80308735	0.45441331
Q8TF01	PNISR	SKFSDDEEEDTENVEAASSGK	S290	0.13115005	0.83056625	0.54353881
Q96T60	PNKP	TPESQDPTPPGTLVSQLDEK	T118	0.79592661	1.04765818	0.92373279
Q9H307	PNN	ENVSALDMEK	S450	0.00804835	0.64314293	0.35749468
Q9H307	PNN	ESRQESDPEDDDVK	S100	0.09485964	2.52077014	0.51670111
Q9H307	PNN	GFSDSGGPPAK	S66	0.10188774	0.74537333	0.52414255
Q9H307	PNN	EIAIVHSDAPEK	S347	0.73330966	1.04756171	0.89605782
Q15054	POLD3	RVALSDDETK	S307	0.51812006	1.50173611	0.77582848
O95602	POLR1A	QEEVEVYSEEEEEEREENDDMDEEER	S1429	0.71942147	0.86447786	0.88953552
P24928	POLR2A	YSPTSPTYSPSPK	T1919,Y1909	0.20016273	0.78333333	0.58169594
P24928	POLR2A	YSPTSPTYSPSPK	S1920	0.60046036	1.05104455	0.8258728
P24928	POLR2A	YSPTSPTYSPSPK	Y1909,S1913	0.63486059	0.90493058	0.8428508
P24928	POLR2A	YSPTSPTYSPSPK	S1913	0.9703605	0.99163336	0.98915891
P24928	POLR2A	YSPTSPTYSPTPK	S1878	0.9732865	0.99620253	0.98966465
Q9NVU0	POLR3E	IKEEPVSEEGEEDDEEQAEEEEPMDTSPSGLHSK	S503	0.64676759	1.26409752	0.84855908
Q9NVU0	POLR3E	EPEVSEEGEEDDEEQAEEEEPMDTSPSGLHSK	S503	0.83185477	1.06304201	0.93808376
Q99575	POP1	VQAYEEPSVASSPNKG	S730	0.21280152	0.81818182	0.59974503

Q969H6	POP5	SCLLEEEEEEGEEAAEAME	S154	0.47526363	1.35787745	0.75249201
P16435	POR	IQLTSSVR	S63	0.01471903	6.20056421	0.41362115
P14859	POU2F1	INPPSSGGTSSSPIK	S448	0.1535927	0.6778043	0.55688781
Q9H2U2	PPA2	SLVESVSSPNK	S317	0.65656209	1.08369748	0.85263945
Q9NQ55	PPAN	VGGSDDEEASGIPSR	S359	0.33012597	0.89087657	0.67434984
Q13136	PPFIA1	RSSDGLSHEEDLAK	S239	0.33397953	1.17183771	0.67622969
Q13136	PPFIA1	RSSDGLSHEEDLAK	S239,S242	0.35930134	0.77273192	0.69128283
Q86W92	PPFIBP1	SQSTTFNPDMMSEPEFK	S601	0.09536151	0.64380081	0.51670111
Q86W92	PPFIBP1	SPSASITDEDSNV	S1001	0.4185538	0.84880383	0.72427252
Q8ND30	PPFIBP2	LSCSLEDLRSEVDK	S385	0.15217512	1.71691588	0.55688781
Q8ND30	PPFIBP2	LSCSLEDLRSEVDK	S387	0.23260557	1.24501865	0.6080317
Q8ND30	PPFIBP2	LSCSLEDLR	S387	0.53661247	0.81965993	0.78705986
Q08752	PPID	DGSGDSDHPDPEDADIDLK	S198	0.13552775	1.25230415	0.5475768
O43314	PPIP5K2	SGEQITSSPVSPK	S1006	0.0429612	1.44634342	0.45441331
O15355	PPM1G	ELAQIAGRPTDEDEK	T122	0.82961804	1.02860541	0.93678837
O15355	PPM1G	KLEEVLTSTEGAEENGNSDK	T528	0.88952719	1.03246897	0.95975302
O15355	PPM1G	LEEVLTSTEGAEENGNSDK	S527	0.89093159	1.02507797	0.95998402
Q9ULR3	PPM1H	RSSLNPNGLQLK	S124	0.88277776	1.04965099	0.95761744
Q96QC0	PPP1R10	LIPLDECSMDETPYVETLEPGGSGGSPDGAGGSK	S542	0.89222328	1.01886435	0.96024802
O14974	PPP1R12A	TGSYGALAEITASK	S445	0.02514454	1.33476253	0.41830815
O14974	PPP1R12A	RSTQGVLTLDLQEAKE	T696	0.05120866	0.34318428	0.45652016
O14974	PPP1R12A	SGSYSYLEER	S910	0.14067868	1.12351029	0.54797298
O14974	PPP1R12A	KSPLIESTANMDDNNQSQK	S299	0.3079274	1.14708112	0.66139614
O14974	PPP1R12A	STGVFSWTDQSDENEQEQQSDTEEGSNKK	S871	0.31427615	1.4858797	0.66321511
O14974	PPP1R12A	STGVFSWTDQSDENEQEQQSDTEEGSNK	S871	0.33053927	1.24268019	0.64749386
O14974	PPP1R12A	LASTSDIEEK	S507	0.39277617	0.7266034	0.7130844
O14974	PPP1R12A	RLASTSDIEEK	S507	0.58452913	0.84417344	0.82000746
O14974	PPP1R12A	SPLIESTANMDDNNQSQK	S299	0.87688086	0.97145693	0.95556965
O60237	PPP1R12B	EKPTDTEGLEGSPEK	S687	0.31375186	1.15880689	0.66321511
Q9BZL4	PPP1R12C	TGSSGALGPPER	S427	0.03226767	1.59549824	0.43874459
Q9BZL4	PPP1R12C	SASSSWLEGTSTQAK	S450	0.10254789	1.41582063	0.52414255
Q9BZL4	PPP1R12C	SPVQLEEAFFSR	S407	0.44067709	0.86317882	0.73567227
Q96A00	PPP1R14A	QPSPSHDGSLSPQLDR	S128,S134	0.28001716	0.78830574	0.6455595
Q96A00	PPP1R14A	QPSPSHDGSLSPQLDR	S128,S136	0.31013476	0.76827196	0.66177455
Q96A00	PPP1R14A	QPSPSHDGSLSPQLDR	S128	0.90178292	0.98373984	0.96458226
P41236	PPP1R2	IQEQESSGEEDSLSPEER	S122	0.04809589	1.41569968	0.45625798
P41236	PPP1R2	IDEPSTPYHSMGDDDEDACSDTEATEAMAPDILAR	T89	0.32282796	2.64954294	0.6705262
Q965B3	PPP1R9B	FNGSTALDK	S190	0.09468755	0.63109902	0.51670111
Q965B3	PPP1R9B	ASSLNENVDSALLK	S100	0.24073151	0.68960387	0.61232743
Q9NY27	PPP4R2	DLHSEGSSENEGPVSSSSDCR	S361	0.11647883	0.7829331	0.53343618
Q9NY27	PPP4R2	NHSDSSTSESEVSSVPLK	S226	0.11925071	0.40626884	0.53759949
Q5H9R7	PPP6R3	FADQDDIGNVSFDR	S579	0.16257814	0.82915175	0.55797736
Q5H9R7	PPP6R3	IQQFDDGGDEEDIWEEK	S617	0.92214593	0.98576513	0.97154665
Q92733	PRCC	QITQEEDSDDEEVAPENFFSLPEK	T261	0.45994726	1.47845157	0.74160036
Q9NQV6	PRDM10	SDDGTQLDLHPFTK	S424	0.17846291	0.73498937	0.56898248
Q9Y478	PRKAB1	CSDVSELSSPPGYPHQEPYVCKPEER	S182	0.12771518	1.43936731	0.5403576
P10644	PRKAR1A	TDSREDEISPPPNPVVK	S83	0.41653794	1.09919436	0.72415783
P31321	PRKAR1B	SNSQSDSHDEEVSPTPPNPVVK	S83	0.23361558	1.24394966	0.6080317
P13861	PRKAR2A	RVSVCAETYNPDEEEDTDPR	S99	0.80952932	1.03964422	0.92686801
P31323	PRKAR2B	RASVCAEAYNPDEEEDDAESR	S114	0.33796654	0.68444761	0.67736506
Q05655	PRKCD	RSDSASSEPVGIYQGFKE	S304	0.00200625	0.57831945	0.27314524
Q05655	PRKCD	SDSASSEPVGIYQGFKE	S304	0.02664444	0.43396836	0.41830815
Q05655	PRKCD	RSDSASSEPVGIYQGFKE	S302	0.04834139	0.61772382	0.45625798
Q15139	PRKD1	SPSESFIGR	S237	0.06345329	1.38116371	0.47702638
Q15139	PRKD1	TSSAELTSAAPDEPLLQK	S219	0.6017016	0.93978275	0.59819151
P78527	PRKDC	LTPLPEDNSMNVDDQDPSDR	S3205	0.32692152	1.09869102	0.67305029
O75569	PRKRA	AEAPPLEREDSGTFSLKG	S18	0.10562639	1.14603798	0.52598269
O75569	PRKRA	EDSGTFSLKG	S18	0.85384987	0.94699323	0.94798805
O43422	PRKRIR	ETNNSNAQNPSEEEGEGQDELDILPLLEEK	S141	0.93253221	1.01155268	0.97583851
Q86WR7	PROSER2	APSPPEVHPR	S179	0.05420918	1.34382567	0.47264914
Q86WR7	PROSER2	SFTLDDDESLK	S43	0.31547074	0.72430213	0.66410833
Q86WR7	PROSER2	SRSFTLDDDESLK	S43	0.45246623	1.16715759	0.73811209
Q86WR7	PROSER2	SDASDMNSDTPSPCR	S18	0.64793708	0.93312827	0.84944625
Q86WR7	PROSER2	SRSFTLDDDESLK	S41	0.90822709	1.01610232	0.9669039
O43395	PRPF3	GDDDEESDEEAVK	S619	0.73660962	1.02724458	0.89801187
O43395	PRPF3	GDDDEESDEEAVK	S619	0.86034266	1.0610105	0.95107454
O75400	PRPF40A	SDSPESAEREK	S888	0.00043913	0.71861588	0.2160495
O75400	PRPF40A	QETVADFPTK	T373	0.27309716	0.86464092	0.63888342
Q13523	PRPF4B	SPIINESR	S277	0.08205415	0.84956076	0.50397847
Q13523	PRPF4B	EQPEMEDANSEK	S20	0.30942412	0.79804913	0.66139614
Q13523	PRPF4B	DASPINRWSPTR	S431,S437	0.40884908	0.85701906	0.71694309
Q13523	PRPF4B	LCDFGSASHVADNDITPYLVSR	Y849	0.52521272	1.51083579	0.77832728
Q13523	PRPF4B	SRSPLINDR	S366,S368	0.6168567	0.92063492	0.83347439
Q13523	PRPF4B	SINEENGEVSEDQSQNK	S23,S32	0.79332808	1.03961051	0.9228136
Q13523	PRPF4B	SINEENGEVSEDQSQNK	S23	0.83891792	0.94837635	0.94203891
Q13523	PRPF4B	SINEENGEVSEDQSQNK	S32	0.89736599	1.02391825	0.96293924
Q96HE9	PRR11	SPTPTLPLTSSFDQEQN	S355	0.63667638	0.79550591	0.8428508
Q9ULL5	PRR12	KQETAAVCGETDEEAGSGGEGIFR	T740,S747	0.07941241	0.72116094	0.50397847
Q9ULL5	PRR12	TSSFHLLR	S256	0.97798549	1.01091213	0.99151664
P48634	PRRC2A	WGPRPGSSR	S932	0.11694086	1.45143863	0.53343618
P48634	PRRC2A	TASERTSEGEYEEIPIK	T1083,S1089	0.24563121	0.87187786	0.61377267

P48634	PRRC2A	GNSPNSPEPTPK	S380	0.44157685	1.19907223	0.73610391
P48634	PRRC2A	ERSDSGGSSSEPFDR	S761	0.96514024	1.00332428	0.98750534
Q5JSZ5	PRRC2B	CSPLPEDFVDEK	S853	0.00437449	0.75163848	0.31386966
Q9Y520	PRRC2C	STTPTSSPFR	T2682	0.10184549	0.75883154	0.52414255
Q9Y520	PRRC2C	SVEDVRPHHTDANNQSACFEAPDQK	T887	0.20464173	0.74875042	0.58662445
Q9Y520	PRRC2C	SVEDVRPHHTDANNQSACFEAPDQK	S878	0.42396702	0.87159805	0.72757489
Q9Y520	PRRC2C	LPDLSPVENK	S2105	0.67387059	1.03934987	0.86131187
P49768	PSEN1	AAVQELSSILAGEDPEER	S367	0.07560362	0.4777686	0.50397847
O75475	PSIP1	KPSSEEREFEISLK	S514	0.0297377	1.5104091	0.43032203
O75475	PSIP1	QSNASSDVEVEEK	S106	0.60784735	1.06067292	0.82983763
Q99460	PSMD1	TSSAFVGTPEASPEPK	T311,S315	0.63089206	1.09750004	0.8405143
O00231	PSMD11	AQSLSTDR	S14	0.26810802	0.725848	0.63502787
Q95456	PSMG1	AGTEDEEEEEGR	T18	0.65247019	1.08609417	0.85053268
P48651	PTDSS1	TYSECEDGTYSPESISWHHR	S417	0.62897179	0.831553	0.83899389
Q9BVG9	PTDSS2	DAGGPRPESPVPAGR	S16	0.69719411	1.0347032	0.87447728
Q9BVG9	PTDSS2	RDAGGPRPESPVPAGR	S16	0.85791014	1.04403149	0.95032314
Q15185	PTGES3	DWEDDSDDEMSNFDR	S113	0.60764867	1.26348419	0.82983763
Q05397	PTK2	LQPQEISPPPTANLDR	S910	0.71326632	1.19732553	0.88522134
Q9P035	PTPLAD1	WLDESDAEMELR	S114	0.41425129	0.82557522	0.7227363
P18031	PTPN1	GSPLNAAPYGIEMSQDTEVR	S352	0.29090388	1.31221619	0.65205353
Q05209	PTPN12	NLSFEIK	S435	0.07082471	1.45276728	0.49571338
Q05209	PTPN12	SFDGNTLLNR	S449	0.10224702	2.102294	0.52414255
Q05209	PTPN12	TVSLTSPPTQVETPDLDVHDNTSPLFR	S588,T565	0.14330957	1.78925075	0.55269669
Q05209	PTPN12	DVDVSDSPPLPER	S673	0.186754	1.22797555	0.57474321
Q05209	PTPN12	TVSLTSPPTQVETPDLDVHDNTSPLFR	S588	0.34156302	2.64500875	0.67842858
Q15678	PTPN14	YVSGSSPDLVTR	S594	0.03496185	0.65724198	0.43874459
Q15678	PTPN14	ICTEQNSPPPIR	S312	0.12020776	0.7048698	0.5377039
P17706	PTPN2	EDLSPAFDHPNK	S304	0.0084351	0.51489155	0.35749468
Q16825	PTPN21	TLSASAAEVAPR	S658	0.29684124	0.7282685	0.65749804
Q9H357	PTPN23	GAAAADLLSSPESQHGQTSPGGGQLLQPTK	S1123	0.7766726	1.20280472	0.91412088
P26045	PTPN3	SLSVHEHLEK	S359	0.51393519	1.21611326	0.77359824
P26045	PTPN3	GSLAPQDSDSEVSQNR	S425	0.77024766	0.9556202	0.91329931
P10586	PTPRF	TATVMMTR	T1445	0.29849046	0.77985019	0.65817287
Q6NZI2	PTRF	SFTPDHVVYAR	S300	0.7857346	0.92073602	0.92039443
Q14671	PUM1	RDSLTSGSDLYK	S709	0.61252514	0.92960922	0.83216433
Q8TB72	PUM2	QASPTVEVER	S182	0.76453484	0.96345748	0.91122881
Q8TB72	PUM2	GKASPFEEQNR	S136	0.81259321	0.91994809	0.92840735
Q8TB72	PUM2	ASPFEEQNR	S136	0.92672899	1.011956	0.97306544
Q96QR8	PURB	RGGGSGGEESEGEVDED	S304	0.70462206	0.97281666	0.87860911
Q9Y606	PUS1	VPSPLEGSEGGDGD	T426	0.64851745	1.18997719	0.84956032
Q13610	PWP1	LQEEGGGDEEETGSPSEDGMQ SAR	S50	0.0179652	0.58549128	0.41830815
Q13610	PWP1	EPLEDGDPEDDRTLDDDELAEYDLDK	T86	0.47081732	1.096037	0.74973768
Q96N64	PWWP2A	SPEAVGELEAEK	S81	0.49716926	0.95522388	0.76446134
P49023	PXN	TSSVSNPQDSVSGSCSR	S106	0.1315259	0.69915701	0.5444061
P49023	PXN	SSPGGQDEGGFMAQ GK	S303	0.23013729	0.86329007	0.6080317
P49023	PXN	DGGRSSPGGQDEGGFMAQ GK	S302	0.33206169	1.30809135	0.67622969
P49023	PXN	FIHQQQSSSPVYGSSAK	S85	0.57704673	1.22131148	0.81432655
Q9BRQ0	PYGO2	GGGTPDANSLAPP GK	T302	0.89249533	0.98328417	0.96224802
Q6ZRP7	QSOX2	DNLLDTYSADQGSSEGGTLAR	S578	0.00561294	0.35058923	0.31900981
Q15032	R3HDM1	SIEEREEYQR	S282	0.12641702	1.27260273	0.5403576
Q15032	R3HDM1	AASDTL GAGETVWGK	S973	0.51349785	1.19761987	0.77359824
Q9Y2K5	R3HDM2	SASTDLGTADVV LGR	T856	0.86272675	1.07266528	0.95161386
P61026	RAB10	EPNSENVDISGGVGTGWK	S187	0.30193453	0.79321275	0.65897499
Q6WKZ4	RAB11FIP1	LEVSPAQPTAR	S545	0.07223698	0.80386394	0.49657518
Q6WKZ4	RAB11FIP1	DSGSDTASAIIPSTTPSVSDDES VVK	S202	0.9423481	0.98203463	0.97990545
Q6IQ22	RAB12	AGGGGGLGAGSPALSGGQGR	S21	0.71202223	0.84708037	0.88466484
Q15042	RAB3GAP1	KTSASDVNTIYPGDAGK	S537	0.550193	0.84392312	0.79582726
Q15042	RAB3GAP1	KTSASDVNTIYPGDAGK	T542	0.81505586	0.92228111	0.92952506
P61006	RAB8A	LEGNPQSGSNQGVK	S185	0.17703365	0.77627435	0.56898248
Q15276	RABEP1	AQSTDSLGTSGSLQSK	S407	0.12166003	1.46077821	0.53786538
Q3YEC7	RABL6	GPAPAPQCCSEFPETK	S492	0.103563	0.746236	0.52476522
Q3YEC7	RABL6	ADDFPVRDDPSVDTDEDEGAEP PPPPK	T599,S596	0.32602115	1.78530762	0.67274825
Q3YEC7	RABL6	NDSDLFGLGLEEAGPKESSEEGK	S640	0.67499441	1.07815216	0.86131187
Q9NS91	RAD18	NDLQDTEISPR	S471	0.02957025	0.6988723	0.43032203
P54725	RAD23A	EDKSPSEESAPTTSPESVSGVSPSSGSSGR	S123	0.24660496	1.13158767	0.61377267
Q9Y620	RAD54B	SAAPSQLGNSFK	S14	0.01091153	0.40990874	0.37969115
Q99638	RAD9A	SPQGPSVLAE DSEGEK	S387	0.77704868	0.93717774	0.91412088
P04049	RAF1	AAHTEDINACTLTTSPR	S642	0.23572928	0.63135677	0.6080317
Q7Z5J4	RAI1	EERPEGSPTLFK	S1266	0.45599466	0.88198089	0.7402091
Q7Z5J4	RAI1	SQHCSPEGSGVSAEPAGTPLSEPPSPQSTHAEPQ EADYLSGSEDP LER	S521	0.83542385	1.04164671	0.9396472
Q9P0K7	RAI14	SITSTPLSGK	S309	0.90212916	1.03242046	0.96458226
Q15311	RALBP1	TPSSEIEISPTK	S29	0.62358904	1.08284727	0.83761336
Q15311	RALBP1	IAQEIASLSK	S463	0.66169846	0.91062503	0.85592923
Q15311	RALBP1	TGEPSPPHDILHEPPDVSDDEK	S48,S62	0.90770859	0.97849462	0.96679277
Q6GYQ0	RALGAPA1	HFSQSEETGNEVFGALNEEQPLPR	T778	0.26843268	2.04743737	0.63052787
Q6GYQ0	RALGAPA1	SSSTDILEPFTVER	S797	0.44676256	0.9017211	0.73811209
Q6GYQ0	RALGAPA1	TVDIDDAQILPR	T754	0.53340303	0.88037243	0.78590527
Q6GYQ0	RALGAPA1	RGSSPSLEIPK	S860	0.72317647	1.03634085	0.89157396
Q9UKM9	RALY	TRDDGDEEGLLTHSEEELEHSQD TDADDGALQ	S288	0.40813386	1.20268114	0.71694309
Q9UKM9	RALY	TRDDGDEEGLLTHSEEELEHSQD TDADDGALQ	T286,S295	0.46616146	1.39963394	0.7470731
Q9UKM9	RALY	DDGDEEGLLTHSEEELEHSQD TDADDGALQ	S288	0.5818724	1.05381545	0.81832936



Q9UKM9	RALY	GRLSPVPVPR	S135	0.81445179	1.14360157	0.92952506
P62826	RAN	SIVFHR	S135	0.68724767	0.95405208	0.86921814
P43487	RANBP1	DTHEDHDTSTENTDESNDHPQFEPVIVSLPEQEIK	T13	0.1327178	0.72285419	0.5474013
P43487	RANBP1	DTHEDHDTSTENTDESNDHPQFEPVIVSLPEQEIK	T18	0.24538402	0.74123346	0.61377267
Q6VN20	RANBP10	SQDSYPGSPSLSPR	S369	0.28376621	0.81216313	0.64850087
P49792	RANBP2	SGSSFVHQASFK	S1456	0.05887341	2.0829456	0.47702638
P49792	RANBP2	DSLITPHVSR	S2454	0.10437403	0.74276402	0.52476522
P49792	RANBP2	TESSDDIHFEPPVQMPEK	S2008	0.20222855	0.7345434	0.58282436
P49792	RANBP2	AVVSPPK	S2510	0.26358297	0.69055854	0.6321586
P49792	RANBP2	LPPTFFCGVCSDDTDEDNGNGEDFQSELOK	S2741	0.42072413	1.46151649	0.72484937
P49792	RANBP2	NHETDGGSAHGDDDDGPHFEPVPLPK	S1160	0.48624741	0.93928981	0.75953527
P49792	RANBP2	YLSLSPK	S788	0.59805852	0.91309824	0.82454506
P49792	RANBP2	EDALDDSVSSSVHASPLASSPVRK	S2251	0.67967269	0.81955738	0.86312417
P49792	RANBP2	EDALDDSVSSSVHASPLASSPVRK	S2246,S2250	0.89821575	1.04177099	0.96293924
P49792	RANBP2	NHETDGGSAHGDDDDGPHFEPVPLPK	T1156	0.92175823	1.01217949	0.97154665
P49792	RANBP2	ELVGPLAETVFTPKTSPENVQDR	T1396,T1399	0.94871238	0.97884679	0.98215506
Q9H6Z4	RANBP3	SAGGSSPEGGEDSDREDGNYCPPVK	S108	0.2598045	0.80823293	0.62708943
Q9H6Z4	RANBP3	ENAAAESGSESSQEATPEK	S355	0.40840017	0.88609218	0.71694309
Q9H6Z4	RANBP3	ENAAAESGSESSQEATPEK	S353	0.49371223	1.04361053	0.76351366
Q9H6Z4	RANBP3	SPSEAADEVCALEEK	S219	0.58878415	0.83042674	0.8162585
P47736	RAP1GAP	SSAIGIENIQEVQEK	S498	0.42322149	0.80305294	0.72757489
P47736	RAP1GAP	SQSDMAMGLSNK	S441	0.76621662	0.95076686	0.91215003
P47736	RAP1GAP	RSSAIGIENIQEVQEK	S499	0.95652429	0.98414496	0.98388755
Q8TEU7	RAPGEF6	LPEGPVDSDEDEEEDRIDTDLQGR	S230	0.44476106	1.21580747	0.73811209
P06400	RB1	TAVIPINGSR	S249	0.09517298	0.59218469	0.51670111
P06400	RB1	FPSSPLR	S795	0.13851924	0.58410661	0.54797298
P06400	RB1	TLQTDSDSFTQRTPR	S350	0.16576608	0.52708245	0.56312413
Q09028	RBBP4	TPSSDVLVFDYTK	S146	0.12839127	0.69131577	0.61122341
Q7Z6E9	RBBP6	DDFESEEDVK	S1328	0.34269654	0.8692532	0.67878924
Q7Z6E9	RBBP6	LEVTEIVKPSPK	S1179	0.38684807	1.43557537	0.71060254
Q7Z6E9	RBBP6	DDATPVRDEPMDAESITFK	T984	0.71398323	0.8835006	0.88579187
Q7Z6E9	RBBP6	VTGTGSSSTLVDTSTSTGGSPVRK	T1271	0.9544447	0.97838518	0.98367301
P28749	RBL1	VIAIDSDAESPAK	S1041	0.03015897	0.48508918	0.4339813
P28749	RBL1	RVIAIDSDAESPAK	S1041	0.0325778	0.53993465	0.43874459
P28749	RBL1	DMQPLSPISVHER	S640	0.04170026	0.44620056	0.45441331
P98175	RBM10	LASDRRPSPPR	S723	0.13020838	1.20077434	0.54344847
P98175	RBM10	AHLSENELEALEK	S797	0.4133272	1.21405333	0.72148955
P98175	RBM10	GLVAAYSGESDSEEEQER	S738	0.91350976	0.96330918	0.96738963
Q8IXT5	RBM12B	SPQEEDFRCPDSEDFR	S839	0.91693265	0.96826758	0.9695353
Q96PK6	RBM14	LSESQLSFR	S620	0.09205604	0.26813799	0.51218258
Q96PK6	RBM14	LSESQLSFR	S623	0.14302701	0.21912389	0.55222534
Q96PK6	RBM14	QPTPPFFGR	T206	0.99341263	1.00138635	0.99772632
Q96T37	RBM15	HCAPSPDRSPELSSSR	S670,S674	0.1996579	0.78528188	0.58169594
Q96T37	RBM15	HLDSPESDRPR	S656	0.310112	4.50080153	0.66177455
Q96T37	RBM15	DRTPPLLRY	T568	0.42053623	0.85358064	0.72484937
Q96T37	RBM15	SLSPGGALGYR	S294	0.86546323	0.97035155	0.95305732
Q8NDT2	RBM15B	TFLEGDWTSFSK	S552	0.01433075	0.60104122	0.41362115
Q8NDT2	RBM15B	ASGDPGASGMSPR	S109	0.55708948	0.88321571	0.800758
Q8NDT2	RBM15B	DRTPPHLLYSR	T532	0.7540278	0.84588902	0.90767974
Q96125	RBM17	RPDPDSDEDEDYERER	S155	0.39794355	0.62544783	0.7160132
Q86U06	RBM23	SPVREPVNDLPEER	S149	0.00834976	0.5957162	0.35749468
P49756	RBM25	FEDESDDDVPRK	S703	0.09195538	1.27080534	0.51218258
P49756	RBM25	QEPSEEEEEEEK	S583	0.32835786	0.81283812	0.67305029
P49756	RBM25	LGASNSPGQPNSVK	S677	0.66147611	1.04254173	0.85592923
Q5T8P6	RBM26	EGSTQQLQTTSPK	S616	0.8021297	1.01938883	0.92455018
Q96EV2	RBM33	DIKEESEDEEEDDEESGR	S205	0.29624891	1.26875769	0.65749804
Q96EV2	RBM33	EESDEEEDDEESGR	S205	0.79470182	0.95388919	0.92361025
P42696	RBM34	SVQEGENPDGVR	S14	0.17094265	0.82579355	0.56553938
Q14498	RBM39	YRSPYSGPK	Y95	0.01959095	1.61580446	0.41830815
Q14498	RBM39	YRSPYSGPK	S97	0.0267091	1.71937751	0.41830815
Q14498	RBM39	IGLPHSIK	S117	0.39160487	0.70088867	0.71204522
Q14498	RBM39	SPVREPIDNLTPPEER	S136	0.74293166	0.90295513	0.90061831
P52756	RBM5	GLVAAYSGDSNDEEELVER	S624	0.03305624	0.81314367	0.43874459
P52756	RBM5	GLVAAYSGDSNDEEELVER	S624	0.39109419	1.23100263	0.71190718
P78332	RBM6	EGETQGVAFEHESPADFQNSQSPVQDQDK	S362	0.11580479	0.83850727	0.53343618
Q9Y580	RBM7	SFSSPENFQR	S136	0.15343694	0.70163792	0.55688781
P38159	RBMX	GLPPSMER	S352	0.06168995	0.57611918	0.47702638
P38159	RBMX	DSYSSRSYDLYSSGR	S330	0.1936278	0.83433659	0.57728191
P38159	RBMX	DVYLSRDRDGYSTK	S208	0.22554306	1.38588885	0.6080317
P38159	RBMX	DVYLSR	S208	0.49418135	0.85844749	0.76357885
P38159	RBMX	RDVYLSR	S208	0.85054704	0.96324729	0.96454687
P38159	RBMX	VEQATKPSFESGR	S88	0.99048554	0.99733843	0.99627109
Q9Y388	RBMX2	EVQAEQPSSSSPR	S188	0.3205572	0.85705066	0.66949605
Q9Y388	RBMX2	ADREVAEQPSSSSPR	S188	0.64944317	1.13517742	0.84958493
Q9UKL0	RCOR1	ERESEDELEEAANGNPIDIEVDQNK	S257	0.94431569	1.01603948	0.98136469
O94761	RECQL4	GRRRPSQDDVEAAPETR	S27	0.12370036	0.71394105	0.53975675
O94762	RECQL5	YTGEEDGAGGHSAPPQTEECLR	S815	0.04392085	1.2852689	0.45441331
O94762	RECQL5	GEVPGGSAHYGGPSPEK	S727	0.10360146	0.68838814	0.52476522
Q6NUK4	REEP3	DGDEKTDDEAEGPYSDNEMLTHK	T201	0.1785598	0.78477043	0.56898248
Q9H6H4	REEP4	SFSMQDLR	S152	0.00087557	0.36873978	0.25274253
Q96D71	REPS1	SHSGTSPDNTAPPMPRPQPSHSR	S535,S558	0.01017018	0.45123223	0.37254089

Q96D71	REPS1	RQSSYDDPWK	S274	0.58959678	0.89384438	0.82197092
Q96D71	REPS1	RQSSYDDPWK	S272	0.84300144	1.02158828	0.94383208
Q9P2R6	RERE	EEALDDAEEEPSPPPRSPSPEPTVVDTPSHASQSAR	S1106,S1113,S1115	0.49862426	0.76771086	0.76446134
P35251	RFC1	HSTSPSLDSEYNEELNEDDSQSDEK	S1104	0.79968191	1.04493904	0.92455018
Q8WZ73	RFFL	VPAEDETQSIDSSEDSFVPGR	S229	0.05972126	0.68479674	0.47702638
P49796	RGS3	DLPAIQESPTR	S806	0.21912975	0.58453743	0.60411977
Q6PJF5	RHBF2	DLELPSQEAPSFQGTESPKPKC	T175	0.31931451	0.74807249	0.66811614
Q9NPQ8	RIC8A	GLMAGGRPEGQYSEDEDTDTDEYK	T441,S436	0.79733917	1.19150158	0.92373279
Q6R327	RICTOR	NDSGEENVPLDLTR	S21	0.06074637	0.53594151	0.47702638
Q6R327	RICTOR	GRNDSGEENVPLDLTR	S21	0.28293912	0.81050228	0.64790049
Q6R327	RICTOR	STELLGVK	S1591	0.45607541	0.8620029	0.7402091
Q6R327	RICTOR	NDSGEENVPLDLTREPSONLR	S21	0.68839696	0.86667053	0.86958941
Q6R327	RICTOR	ALSYASLDK	S1388	0.70580668	0.84028785	0.87976772
Q5UIP0	RIF1	SPQRPSDWK	S782	0.00035279	0.52307185	0.2160495
Q5UIP0	RIF1	ELDPLSVSANDSPSGMQTR	S2161	0.01494741	0.45905001	0.41515234
Q5UIP0	RIF1	ASQGLLSIENSESDSSEAK	S1554	0.03849424	0.68997898	0.44815912
Q5UIP0	RIF1	SNESVDIQDQEEK	S1579	0.25565481	0.70257104	0.62445047
Q5UIP0	RIF1	STDFVFIPEGK	T1047	0.30505322	0.52997939	0.6612054
Q5UIP0	RIF1	RSQEDEISSPVNK	S2196	0.32781725	0.78760461	0.67305029
Q5UIP0	RIF1	RASQGLLSIENSESDSSEAK	S1542	0.47295429	0.86671319	0.75075773
Q5UIP0	RIF1	RASQGLLSIENSESDSSEAK	S1556	0.47511412	0.78832163	0.75249201
Q5UIP0	RIF1	RDSFDNCSLGESEK	S1688	0.48062097	0.93790686	0.75582586
Q5UIP0	RIF1	VEEPSQCLASGTAISELIIEDNNASPQK	S2144	0.7666825	0.83888764	0.91222963
Q8WYP3	RIN2	QASFLAEGGAK	S366	0.05085524	0.33980798	0.45652016
Q9BRS2	RIOK1	VVPGQFDDADSDSENDR	S22	0.26545906	0.81877023	0.63400981
Q9BVS4	RIOK2	EDSLSEESADAR	S380	0.54952817	0.8860363	0.79519958
Q13129	RLF	SPSAIPEQNHSLNDQAK	S632	0.04355789	0.84056172	0.45441331
Q96TC7	RMDN3	SQSLPNSLDYTTQSDPGR	S46	0.46975627	0.79854672	0.74934719
O60930	RNASEH1	SASPEVSEGHENQHQESEA	S76	0.3855991	0.86311001	0.71060254
Q8NCN4	RNF169	CPARLSDSENEEPSR	S247	0.73356992	1.08583592	0.89605782
Q5VTR2	RNF20	SGSALLQSOSTEDPKDEPAELKPDSEDLSSQSSASK	S524	0.10357882	1.34171747	0.52476522
Q5VTR2	RNF20	SGSALLQSOSTEDPK	S524	0.51917993	0.80102468	0.77589579
Q5VTR2	RNF20	ALVVPEPEPDSNSQER	S138	0.61545944	0.90782543	0.83347439
Q5VTR2	RNF20	ALVVPEPEPDSNSQERK	S136	0.83976546	1.03621639	0.9423761
Q63HN8	RNF213	DFATPRLSHLSDQSPGK	S2273	0.42399617	0.94057649	0.72757489
Q63HN8	RNF213	EDQEAELLSEPEEESER	S1258	0.75812749	1.03357997	0.90833103
Q5W0B1	RNF219	IQSSLSSASPSK	S719	0.0030697	0.50974842	0.27314524
Q96BH1	RNF25	RESLGLSEK	S450	0.61637711	0.89140017	0.83347439
Q96EP0	RNF31	RLSAPLPPSCGDPEK	S466	0.80724993	1.08091175	0.92610552
Q9BWH6	RPAP1	ARPSPGHCLPEDEPEER	S80	0.44788949	0.77238485	0.70811209
Q9H6T3	RPAP3	NSSQDDLFTSDTPR	S481	0.23740686	0.75303606	0.6380317
P30050	RPL12	IGPLGLSPK	S38	0.0703797	0.28888759	0.49571338
Q6P5R6	RPL22L1	YFQISQDEDESESED	S118	0.98780437	0.99243384	0.99494412
P62750	RPL23A	IRTSPTFR	T42	0.02208717	1.3703982	0.41830815
P05386	RPLP1	KEESEESDDDMGFLFD	S104	0.66660511	1.17609707	0.85839518
P05387	RPLP2	KEESEESDDDMGFLFD	S102	0.40373078	1.55857914	0.7160132
P78346	RPP30	KPRPSEGEDCLPASK	S251	0.60364661	1.05853051	0.82794064
O75818	RPP40	ISWSFK	S168	0.90223111	0.97888231	0.96458226
Q96P16	RPRD1A	VDEENCCSLGSPSEPPQTLDLVR	S156	0.8760753	1.02801269	0.95556965
Q5VT52	RPRD2	DVEDMELSDVEDDGSK	S374	0.52341358	0.86082024	0.77709199
Q5VT52	RPRD2	GPTSTSIDNIDGTPVRDER	T723	0.52725089	1.08026192	0.77967028
Q5VT52	RPRD2	SFNYSNPSSTSEVSSTSASK	S593	0.99014544	0.99746918	0.99621995
Q9NQ39	RPS10P5	AEAGAGSATEFQFR	S157	0.06079213	0.61205569	0.47702638
P62280	RPS11	CPFTGNVSIR	S67	0.08430817	0.47827631	0.50397847
P62263	RPS14	IEDVTPIPSDSTR	S139	2.84E-05	0.42360713	0.0776622
P42677	RPS27	LTEGCSFR	S78	0.02394076	0.47154812	0.41830815
P42677	RPS27	DLLHPSPEEEK	S11	0.19347362	0.75331126	0.57728191
P23396	RPS3	DEILPTPISEQK	T221	0.69321956	1.04413146	0.87196791
P61247	RPS3A	ADGYEPPVQESV	S263	0.06384647	0.68622222	0.47801576
P61247	RPS3A	LMELHGESESSGK	S238	0.067852	0.67533476	0.49083932
P62753	RPS6	LSSLRASTSK	S236,S242	0.02312598	0.32794246	0.41830815
Q15418	RPS6KA1	KLPSTTL	T733	0.12182074	0.19059412	0.53788543
P51812	RPS6KA3	NQSPVLEPVGR	S715	0.11988281	0.69040903	0.53759949
Q8N122	RPTOR	VLDTSSLTQASAPASPTNK	S859,S863	0.23575513	0.52341874	0.6080317
P62070	RRAS2	FQEQECPSPPEPTRK	S186	0.18376808	0.92402149	0.5727577
P62070	RRAS2	KFQEQECPSPPEPTR	S186	0.21752767	0.67724638	0.60411977
P62070	RRAS2	FQEQECPSPPEPTR	S186	0.30838173	0.74964789	0.66139614
Q9P2E9	RRBP1	NTDVAQSPPEAK	S615	0.03421929	0.438473604	0.43874459
Q9P2E9	RRBP1	SHVEDGDIAGAPASSPEAPAEQDPVQLK	S1277	0.95505558	0.99347897	0.98388755
Q92766	RREB1	AATTATPAATTSK	S1122	0.00592817	0.75037862	0.31900981
Q92766	RREB1	LAEEETEGSPDGESAAEK	S1479	0.63136193	0.86807735	0.8405143
P31350	RRM2	ENTPPALSGR	T33	0.02485631	0.59110662	0.41830815
P31350	RRM2	VPLAPITDPQQLQLSPLK	S20	0.356963	0.61154562	0.68872861
Q5JTH9	RRP12	GDSIEILADSEEDNEEEER	S1080	0.2649717	1.51185605	0.63400981
Q5JTH9	RRP12	ALSQAAVEEEEEEEPAQGK	S1049	0.6482105	0.87693206	0.84948133
Q9Y3B9	RRP15	DHFYSDDDAIEADSEGDAEPCDK	S58	0.14414906	1.14181818	0.55352644
Q9Y3B9	RRP15	DHFYSDDDAIEADSEGDAEPCDK	S67,Y57	0.5008465	1.8758293	0.76563097
Q14684	RRP1B	VGDGDLSAEEIPINEVSLR	S245	0.02010046	0.8183172	0.41830815
Q14684	RRP1B	GSPTGGAQLLK	S513	0.07019119	0.6366344	0.49571338
Q14684	RRP1B	VAEPGAEATSSGTEEGSEHPAVPMHKN	S458,T451	0.08178557	0.62954876	0.50397847
Q14684	RRP1B	TPTSSPASSPLVAK	S732	0.11966067	0.6839645	0.53759949

Q14684	RRP1B	SILVSPTGPSR	T708	0.12769408	0.57277473	0.5403576
Q14684	RRP1B	VAEPGAEATSTGEEESGSEHPPAVPMHKN	S458	0.19966472	0.76231634	0.58169594
Q14684	RRP1B	VGDDGLSAEEIPIENEVSLRR	S245	0.76187183	1.07460532	0.90951853
Q96T23	RSF1	NSSQQDNSSRESPLDEETK	S227	0.11209205	1.37194912	0.53343618
Q96T23	RSF1	STLESEKPGSPEAAETSPPSNIIDHCEK	T628,S622	0.16176871	1.20501139	0.55797736
Q96T23	RSF1	VGSPLDYSLVDLPSTNGQSPGK	S1359,S1375	0.25774132	1.78125924	0.62621067
Q96T23	RSF1	STLESEKPGSPEAAETSPPSNIIDHCEK	S622	0.50984268	1.29471706	0.77080692
Q96T23	RSF1	IESDEEEDFENVGK	S1345	0.56201119	0.94697943	0.80548023
Q96T23	RSF1	DAQRLSPIEEVPK	S604	0.76311309	1.05462185	0.91002821
Q96T23	RSF1	IETDEEESCDNAHGDNANQPAR	T1305	0.84160596	1.03562622	0.94290531
O76021	RSL1D1	ATNESEDEIPLQVPIGK	T358	0.27953172	0.88288096	0.6455595
Q7L4I2	RSRC2	EQSEVSVSPR	S32	0.09201947	1.20187375	0.51218258
Q7L4I2	RSRC2	AASDTERDGLAPEK	S4	0.3635995	1.20262097	0.69530077
Q9BY42	RTFDC1	SLFTTHSSAK	S287	0.42103213	0.85765509	0.72501733
Q9NQ3	RTN4	RGSSGVDETLFALPAASEPVIR	S184	0.51490083	1.57110199	0.77403686
A6NKF1	SAC3D1	TLEEVMAEEDEGTDORPGSPA	S402	0.83090984	0.96895058	0.9376322
Q15424	SAFB	EESSELEQPFQADTSSVGPDRK	S235	0.00925075	1.37240664	0.37254089
Q15424	SAFB	TDCEPVLGPAVEQSSAAEELAEAPTEAPSPEAR	S344	0.11502239	2.67839364	0.53343618
Q15424	SAFB	EESSELEQPFQADTSSVGPDR	S246	0.1404009	0.73307056	0.54797298
Q15424	SAFB	RSVVSFDK	S604	0.31265907	1.22088353	0.6622373
Q15424	SAFB	SVVSFDK	S604	0.48343045	0.84272554	0.75785402
Q15424	SAFB	EESSELEQPFQADTSSVGPDRK	S246	0.58190726	0.93609251	0.81832936
Q15424	SAFB	RSVVSFDK	S601	0.58543456	0.88887662	0.8200322
Q9Y3Z3	SAMHD1	TPSNTPSAEADWSPLGELHPDYK	S27	0.04422906	1.90272125	0.45441331
Q9UHR5	SAP30BP	GGLVSDAYGEDDFSR	S43	0.56830873	0.93225657	0.81213911
Q9H7N4	SCAF1	EAASSSSGTQPAPPAPASPWDSK	S548	0.09380089	0.82178804	0.51670111
Q9H7N4	SCAF1	FDIYDPFHPTDEAYSPPAPEQK	S239	0.13988918	1.4391951	0.54797298
Q9H7N4	SCAF1	QRSPSPAPAPAAAAAGPPTR	S498,S500	0.18257708	0.75722543	0.57200583
Q9H7N4	SCAF1	AAPPPALTPDSQTVDSCKTPEVSFLPEATEEAGVR	T1001,S1005	0.4299885	1.55539052	0.73021716
Q9H7N4	SCAF1	REVLYDSEGLSGEER	S734,S738	0.60502194	1.05158123	0.82916655
Q9H7N4	SCAF1	AAPPPALTPDSQTVDSCK	T989	0.62706217	0.82921388	0.83899389
Q9H7N4	SCAF1	TPEVSFLPEATEEAGVR	T1001	0.62865919	0.93796993	0.83899389
Q99590	SCAF11	SSNSDVSDEETAESDTPVLEK	S405	0.03053174	0.6830567	0.43445387
Q99590	SCAF11	FHSPSTTWSPNK	S796,S802	0.05759119	0.59198505	0.47702638
Q99590	SCAF11	TEELIESPKLESSEGEIHTVDR	S608	0.05860504	2.21321347	0.47702638
Q99590	SCAF11	LESSEGEIHTVDR	S614	0.06884966	0.72639768	0.49170374
Q99590	SCAF11	VETVSQPSSEPK	S771,S776	0.10416861	0.8499604	0.52476522
Q99590	SCAF11	TEELIESPKLESSEGEIHTVDR	T602,S614	0.1102109	2.16154684	0.53343618
Q99590	SCAF11	AETASQSRSPISDNGCDAPGNSNPSLSVPSAAESEK	S338	0.57740576	0.93383138	0.81432655
Q99590	SCAF11	AETASQSRSPISDNGCDAPGNSNPSLSVPSAAESEK	T331	0.59953629	0.92428831	0.82561275
Q99590	SCAF11	SPISDNGCDAPGNSNPSLSVPSAAESEK	S338	0.67570532	0.80248813	0.8617255
Q99590	SCAF11	VETVSQPSSEPK	S776	0.69462406	1.04750205	0.87245997
Q99590	SCAF11	TEELIESPK	S608	0.98167042	1.00982422	0.99355276
Q9UPN6	SCAF8	ETVQTTQSPTPVEK	S617	1	1	1
Q12770	SCAP	RDSGVGSGLEAQESWER	S826	0.56377066	1.10808499	0.80766478
Q8WVM8	SCFD1	VNLEESSGVENS PAGARPK	S297	0.13610765	0.66243649	0.54761068
Q14160	SCRIB	LALDGETLGEEEQEDEQPPWASPSPTS	S1439	0.15693375	1.27834182	0.55688781
Q14160	SCRIB	VQSPPEPPAPER	S1475	0.23826048	0.80284325	0.6091827
Q14160	SCRIB	SEACPCQPDGSGPLPAEEK	S504	0.2548034	0.71130564	0.6238345
Q14160	SCRIB	LAEAPSPAPTPSPVEDLGPQTSTSPGRSPDFAEELR	S1566	0.26951679	3.16823672	0.63502787
Q14160	SCRIB	RSEACPCQPDGSGPLPAEEK	S504	0.32789353	0.84458887	0.63505029
Q14160	SCRIB	ALSPAELR	S1486	0.35088247	0.7909846	0.68418829
Q14160	SCRIB	NSLESISSIDR	S1220	0.40753572	0.76659694	0.71690855
Q14160	SCRIB	LAEAPSPAPTPSPVEDLGPQTSTSPGRSPDFAEELR	S1561,S1566	0.41247308	1.55871546	0.72049544
Q14160	SCRIB	LRVQSPPEPPAPER	S1475	0.50423276	0.90193966	0.76766855
Q14160	SCRIB	MVEPENAVITPLRPEDDYSR	S835	0.57730567	0.89184251	0.81432655
Q14160	SCRIB	LALDGETLGEEEQEDEQPPWASPSPTS	S1437	0.58750177	1.08436896	0.82150065
Q14160	SCRIB	NSLESISSIDRELSPEGPGK	S1225	0.6612191	1.15679671	0.85592923
Q14160	SCRIB	SLEQDALR	S1508	0.69169589	0.89259717	0.8713243
Q14160	SCRIB	EGAVVSAPSVK	S703	0.77960558	1.06488715	0.91574407
Q14160	SCRIB	QSPASPPPLGGGAPVR	S1448	0.90860899	0.96831656	0.9669909
Q9NVU7	SDAD1	YIEIDSDEEPRGELLSLR	S585	0.07556784	1.94166418	0.50397847
Q9NVU7	SDAD1	YIEIDSDEEPR	S585	0.52841326	0.86257142	0.78105376
P18827	SDC1	DEGSYSLEEPK	S287	0.148754	0.75298888	0.55352644
P18827	SDC1	DEGSYSLEEPK	S285	0.22260385	0.71160856	0.6080317
Q96C92	SDCCAG3	VSPASPAGSPSADFAVHGESLGDR	S243,S247	0.2004858	0.65522846	0.58169594
Q6IQ49	SDE2	VVNTDHGSPPELQIPVTDSGR	S278	0.86316239	1.0485867	0.95161386
O15027	SEC16A	FTGSFDDDPHPRDPYGEVDR	S1149	0.34687576	1.64680813	0.68148324
O15027	SEC16A	QIDSPVGGGETDETTVSQNYR	S391	0.46762502	1.07995663	0.74813177
O15027	SEC16A	QIDSPVGGGETDETTVSQNYR	T397	0.91373939	0.98600823	0.96738963
O15027	SEC16A	ADSGTQPPLSLSPAPETK	S1905	0.94157584	0.98518519	0.97939813
O75396	SEC22B	NLGSINTELQDVQR	S137	0.03310963	1.95176039	0.43874459
O94979	SEC31A	DSDQVAQSDGEESPAEEQLLGEHIK	S527,S532	0.30773576	1.62536926	0.66139614
O94979	SEC31A	DSDQVAQSDGEESPAEEQLLGEHIK	S527	0.74202839	1.04390638	0.90061831
P60468	SEC61B	PGPTPSGTNVGSSGRSPSK	S17	0.49338541	1.26451841	0.76351366
Q99442	SEC62	EELEQQTGDGCEDEEEENDGETPK	T375	0.06530636	1.17976319	0.48577778
Q99442	SEC62	SQHSSGNNGDFEMITK	S356	0.3108044	1.32418944	0.66197301
Q99442	SEC62	SQHSSGNNGDFEMITK	S357	0.33581401	1.20211617	0.67736506
Q9H4L4	SENP3	SPLDPDSGLLSCTLPNGFGGQSGPEGER	S232	0.63703271	1.19109712	0.8428508
Q9H4L4	SENP3	NHLSPPQGGATPQVPSPPCR	S169,S181	0.74897692	0.90325686	0.90421302
Q9GZR1	SENP6	ESISQPADACSAPPSTGK	S352	0.15074599	0.59612749	0.55645143

Q15019	SEPT2	IYHLPDAESEDEDFK	S218	0.32404183	1.05798139	0.67067311
Q9UHD8	SEPT9	RSFEVEEVETPNSTPPR	S30	0.25801281	1.42857143	0.62621067
Q9UHD8	SEPT9	SFEVEEVETPNSTPPR	T42,S30	0.29703098	0.63032336	0.65749804
Q9UHD8	SEPT9	SFEVEEVETPNSTPPR	S30	0.50175069	1.28168463	0.76563097
Q9UHD8	SEPT9	LGDSGSPALK	S22	0.52563973	1.20066629	0.77862505
Q9UHD8	SEPT9	SFEVEEVETPNSTPPR	S30	0.92416896	1.02235469	0.97185899
Q8NC51	SERBP1	QISYNYSDLDQSNVTEETPEGEEHHPVADTENK	S243	0.04828025	0.6991954	0.45625798
Q8NC51	SERBP1	QISYNYSDLDQSNVTEETPEGEEHHPVADTENK	S252	0.05327765	0.47975355	0.46689115
Q8NC51	SERBP1	QISYNYSDLDQSNVTEETPEGEEHHPVADTENK	S247	0.13765836	0.71985816	0.54797298
Q8NC51	SERBP1	SSASAPVDVDDPEAFPALA	S392	0.38255503	0.82485876	0.70884547
Q8NC51	SERBP1	SSFHSHYGLK	S202	0.88681999	1.03351615	0.95863404
Q8NC51	SERBP1	HSGSDRSFSHSHYGLK	S203	0.97357254	1.01812427	0.98966465
Q9NRX5	SERINC1	SDGSLDGDDVHR	S364	0.03775974	2.09092458	0.44815912
Q01105	SET	LNEQASEEILK	S63	0.88869852	0.95581585	0.95935633
O15047	SETD1A	RPRPSTAAEEDDDPEQEK	T916	0.34919866	1.38696419	0.68370676
O15047	SETD1A	DTGSEVPSGSGHGCTPPAPANFEDVAPTGSGEPTATRESPK	S565,T526	0.40007207	0.94287185	0.7160132
O15047	SETD1A	SGSPAPETTNESVPAFAQHSSLSDR	S470	0.52681425	0.87187053	0.77967028
Q9BYW2	SETD2	SESPFRETEPLVSPHQDK	S744,S754	0.33588877	0.69750843	0.67736506
Q9BYW2	SETD2	SESPFRETEPLVSPHQDK	S744	0.94047151	1.0180404	0.97922223
Q9COA6	SETD5	VTVSSDHEEVDNPEEKPEEEK	S477	0.777162	0.94776931	0.91412088
Q15637	SF1	TGDLGIPPNEPDRSPSEPIYNSEGK	S80,S89	0.82780068	1.05675589	0.9364171
Q15637	SF1	TGDLGIPPNEPDRSPSEPIYNSEGK	Y87,S80	0.84999884	0.94532578	0.94645687
Q15459	SF3A1	AEEPSSQLDQDTQVQDMDEGSDDEEGQK	S359	0.92048208	1.01663051	0.97124396
O75533	SF3B1	LSSWDQAETPGHTPSLR	T223,T227	0.15845454	0.57133937	0.55688781
O75533	SF3B1	WDQTDADQTPGATPK	T207	0.27015611	1.15290857	0.83502787
O75533	SF3B1	WDQTDADQTPGATPK	T211	0.36478669	0.79487273	0.69618384
Q13435	SF3B2	SSLGQASASEEEDTVSVSK	S309	0.77568804	1.0400418	0.91412088
Q12872	SF5WAP	SGVSSDNEDDDDDEEDGNLHPSLFASK	S283	0.57430246	1.09917355	0.81432655
O95562	SFT2D2	VLSGQDTEDR	S9	0.03421309	1.8808167	0.43874459
Q86YV5	SGK223	TCSDDGGPSELLAHSPTNSGK	T782	0.04142892	1.57802747	0.45441331
Q86YV5	SGK223	IEEEEEVEQLLSHWSGR	S651	0.25832833	2.2344461	0.62621067
Q86YV5	SGK223	SASFAFEFPK	S694	0.35824556	1.56677615	0.69004346
Q86YV5	SGK223	DCSPTCWEQGK	S285	0.38942584	0.7125522	0.71060254
Q86YV5	SGK223	CSPSGDSEGEYCSILDCCPGSPVAK	S263	0.454155	0.86005305	0.73882557
Q86YV5	SGK223	EATQPEPIYAESTK	Y411	0.505698	0.86447487	0.76766855
Q86YV5	SGK223	GPVQNSNEVGEETSAGQGLSSR	S508	0.51222955	1.36532018	0.77271948
Q86YV5	SGK223	VSQGSASELSPSFR	S743	0.89206778	0.98432132	0.96024802
Q9BX95	SGPP1	NSLTGEEGQLAR	S112	0.27479032	0.80210376	0.64019666
Q9BX95	SGPP1	RNSLTGEEGQLAR	T114	0.61674786	0.94302767	0.83347439
Q9BX95	SGPP1	RNSLTGEEGQLAR	S112	0.96692991	0.99642432	0.98758099
Q9BRG2	SH2D3A	TSSDPVLLK	S180	0.63866053	0.95364605	0.84338453
Q9BRG2	SH2D3A	SFSEDTLMDGPAR	S125	0.84559777	1.01966523	0.94461198
Q9H788	SH2D4A	TLSSAQEDIIR	S317	0.78578099	1.04308378	0.92039443
Q9H788	SH2D4A	TLSSAQEDIIR	S315	0.87739831	1.01668806	0.95556965
Q7L8J4	SH3BP5L	GLSDHVLSDGQELGTR	S362	0.01645948	2.25130057	0.41830815
Q7L8J4	SH3BP5L	ETPQGLRPEVVEDEVPRSPVAEPPGGGSSSSEAK	S30	0.20196183	1.3911589	0.58254318
Q96B97	SH3KBP1	RPPSSQLTSSSLSPDIFDPSPEEDK	S511	0.37350496	1.56477294	0.70215671
Q96B97	SH3KBP1	SIEVENDFLPVEK	S230	0.9944763	0.99871461	0.99772632
Q5TCZ1	SH3PXD2A	EAEEGPTGASESQDSPRK	S547	0.46449628	1.09212955	0.74579264
Q15464	SHB	HGSPFCGILGER	S388	0.09518108	0.55166564	0.51670111
Q2M3G4	SHROOM1	WCFSEPGK	S224	0.05774614	0.61508291	0.61502638
Q8TF72	SHROOM3	DRPGSPESPLLDAPFSR	S910	0.34529496	1.19827589	0.68023038
Q6IA17	SIGIRR	SSEVDVSLGSRNYSAR	S388	0.29594692	3.11632759	0.65749804
P57059	SIK1	RASDTSLTQGLK	S575	0.13922786	0.61001026	0.54797298
Q96ST3	SIN3A	GDLSDVVEEEEEEMDVDEATGAVK	S832	0.18558479	2.00736615	0.5733231
Q96ST3	SIN3A	SDSPAQLR	S940	0.2567771	0.78989139	0.6258601
Q96ST3	SIN3A	YMNSDTSPELR	S1112	0.67374997	0.94810603	0.86131187
Q96F54	SIPA1	SGSDAGEARPTTASPR	S55	0.16733123	0.81303817	0.56312413
O43166	SIPA1L1	LIDLESPTPESQK	S1549	0.12702022	0.75754363	0.5403576
O43166	SIPA1L1	TLSDSEIYNSQR	S1585	0.83525542	1.01461661	0.9396472
O60292	SIPA1L3	DVEFQDGWPRSPGR	S158	0.1396228	0.79233911	0.54797298
O60292	SIPA1L3	EVSPAPAVAGQSK	S1364	0.22563125	1.24674556	0.6080317
O60292	SIPA1L3	SSKPEGEAGRSPGEADEGR	S317	0.22685581	0.78717777	0.6080317
O60292	SIPA1L3	SSSEITLSECDADAGEPR	S171	0.39752668	0.82370349	0.7160132
O60292	SIPA1L3	TLSDSELSCSR	S1544	0.53808276	1.07423581	0.7873241
O60292	SIPA1L3	SSSEITLSECDADAGEPR	S172	0.55208368	0.80271331	0.79722272
O60292	SIPA1L3	AHSLGLDPAFTSTEDLNCK	T402	0.6398434	0.82868463	0.84405606
O60292	SIPA1L3	LIIMDNLGPQEERDTGQSPQK	S1534	0.66508517	0.80864803	0.85781103
O60292	SIPA1L3	LYSSGSSPTGLAGGSR	S1382	0.98328904	0.99432307	0.99396755
Q96EB6	SIRT1	DGPGLESPGPEGGAAPER	S47	0.11335993	1.27011494	0.53343618
Q96EB6	SIRT1	SPGPEGGAAPER	S47	0.88240833	0.97159647	0.95761744
Q8IX90	SKA3	SPQLSDFGLER	S155	0.07613235	0.55156816	0.50397847
Q8IX90	SKA3	NSVHEQEAINDPELNCENCFQK	S119	0.50515767	0.95054945	0.76766855
Q8IX90	SKA3	KNSVHEQEAINDPELNCENCFQK	S110	0.80358536	0.89712356	0.92467356
Q15477	SKIV2L	GDTVASPCSAPLAR	S245	0.10794028	0.65635678	0.53106619
Q15477	SKIV2L	ASSLEDLVK	S256	0.89770609	1.01101062	0.96293924
P55011	SLC12A2	QTPADGEASGESEPAK	T266	0.12394899	0.75091588	0.53975675
P55011	SLC12A2	EPFEDGFANGEEESTPTR	S126	0.16809724	0.75401571	0.56312413
P55011	SLC12A2	EGLDISHLQGGQELLSSQEK	S940	0.30041638	0.71644657	0.65817287
P55011	SLC12A2	DEGPAAGDGLGRPLGPTPSQSR	S77	0.60568825	0.80936178	0.82953421
P55011	SLC12A2	DGGGVRDEGPAAGDGLGRPLGPTPSQSR	S77	0.96009135	1.01763816	0.98502328

Q9UP95	SLC12A4	LESLSYDEEDESAVGADK	S967	0.93993768	1.01099117	0.97922223
Q9Y666	SLC12A7	TEAPGTPEGPEPERPSPGDGNPR	T30,S40	0.06920652	0.51936625	0.49170374
P53985	SLC16A1	EEETSIDVAGKPNVTK	S467	0.43118238	1.05893074	0.73034023
P43007	SLC1A4	SEEETSPLVTHQNPAGPVASAPELESK	S507	0.97500571	0.99432756	0.98993501
Q15758	SLC1A5	TESRSTPELIQVK	S493	0.00297795	1.84678411	0.27314524
Q15758	SLC1A5	TESRSTPELIQVK	S491	0.06924399	1.38590256	0.49170374
Q15758	SLC1A5	STEPELIQVK	T494	0.70276943	1.06541698	0.87693402
P11166	SLC2A1	TPEELFHPLGADSQV	S490	0.57234956	0.76261697	0.81432655
Q9Y6M5	SLC30A1	STRPGSSDINVPAGEQPDQEETNTLVANTSNSNGLK	T168	0.48616495	1.38348705	0.75953527
Q8N357	SLC35F6	LLGGTRTPINDAS	T365	0.77486593	0.93916134	0.91412088
Q9ULF5	SLC39A10	LNETELTDLEGGQESPPK	S591	0.36262913	0.76215025	0.69383041
Q13433	SLC39A6	YESQLSTNEEK	S478	0.14005562	0.78319202	0.54797298
Q96NT5	SLC46A1	ADPHLEFQQFPQSP	S458	0.19332584	0.61773225	0.57728191
Q9BWU0	SLC4A1AP	MLGEDSDEEEEMDTSERK	S312	0.7601791	1.24112978	0.90891497
Q9BWU0	SLC4A1AP	MLGEDSDEEEEMDTSER	S312	0.89086198	0.95740904	0.95998402
P04920	SLC4A2	RRPGASPTGETPTIEEGEEDEEASEAEGAR	S132	0.05774235	0.83733014	0.47702638
P04920	SLC4A2	TSPSSPAPLPHQEATPR	S173	0.17129905	0.69426752	0.56561687
P04920	SLC4A2	RRPGASPTGETPTIEEGEEDEEASEAEGAR	T115	0.18560354	0.78419011	0.57433231
P04920	SLC4A2	RRPGASPTGETPTIEEGEEDEEASEAEGAR	T118	0.32338676	0.84802043	0.6705262
Q9Y6M7	SLC4A7	EDGRESYSVDTPSQR	S84	0.23592529	1.22829582	0.6080317
Q9Y6M7	SLC4A7	GNGSGSRENSTVDFSK	S403	0.85659578	1.01314966	0.94981193
P31641	SLC6A6	SPGTRPEDEAEGKPPQR	T28	0.00082897	0.32646901	0.25274253
P31641	SLC6A6	DILKPSPGK	S21	0.01594876	0.3536236	0.41830815
Q9UPY5	SLC7A11	LPSLGNK	S26	0.40758041	0.78605619	0.71690855
Q01650	SLC7A5	SADGSAPAGEGEGVTLQR	S31	0.85746036	0.98624932	0.90515878
P19634	SLC9A1	IGSDPLAYEPK	S703	0.14500179	0.79159669	0.55352644
P19634	SLC9A1	ETSSPGTDDVFTAPSDSPSSQR	S785	0.24260412	0.74816173	0.61278278
P19634	SLC9A1	CLSDPDPHPPEGEPFFPK	S796	0.33631948	0.82232055	0.574336506
O14745	SLC9A3R1	SASSDTEELNSQDSPPK	S288	0.04784931	0.69125683	0.45625798
O14745	SLC9A3R1	SASSDTEELNSQDSPPK	S294	0.11546366	0.78999019	0.53343618
O14745	SLC9A3R1	SASSDTEELNSQDSPPK	S288,S302	0.17878522	0.3839579	0.56898248
O14745	SLC9A3R1	EALAAEALESPPALVR	S280	0.98754821	1.00603587	0.99494412
Q96T83	SLC9A7	SSSEEVLER	S694	0.16298642	0.74253301	0.55797736
Q9H2G2	SLK	VDESDAEDTQNSDQK	S571	0.33002371	0.8824744	0.67434984
Q9H2G2	SLK	RASSDLSIASSEEDK	S347	0.37426791	1.31201015	0.7024407
Q9NWH9	SLTM	SPGHMVLQDTK	S553	0.17061243	0.74889625	0.56526141
Q9NWH9	SLTM	DGQDAIAQSPK	S289	0.47782119	0.94921316	0.75480345
Q8IY92	SLX4	SPGLLDTTPIR	S1469	0.8183627	0.88124201	0.93202418
Q9H4L7	SMARCAD1	KLSSSEPEEDEFNDQSIK	Y217,S214	4.51E-05	0.59179331	0.0776622
Q9H4L7	SMARCAD1	KASISYFK	S79	0.83009539	0.93882547	0.93702016
Q92922	SMARCC1	KHSPSPPTPTESR	S328,S330	0.09576346	0.70158625	0.51670111
Q92922	SMARCC1	HSPSPPTPTESR	S328,S330	0.93085012	0.9852428	0.97583851
Q8TAQ2	SMARCC2	TLTDEVNSPDSDR	S283	0.23149661	0.707105	0.6080317
Q8TAQ2	SMARCC2	DMDEPSPVNPVEEVLTK	S347	0.6157678	1.03262787	0.83347439
Q8TAQ2	SMARCC2	TLTDEVNSPDSDRR	S283	0.78892809	0.95789474	0.92135244
Q8TAQ2	SMARCC2	TLTDEVNSPDSDRR	S286	0.84407747	1.01909222	0.94383208
Q9UQE7	SMC3	KGDVEGSQSDQDEGGSGESER	S1067	0.08964724	0.88501995	0.51018936
Q9NTJ3	SMC4	EEGPPPPSPDGASSDAEPEPPSGR	S28	0.18940639	0.72753744	0.57509931
Q9NTJ3	SMC4	REEGPPPPSPDGASSDAEPEPPSGR	S27	0.26815791	0.71538462	0.63502787
Q9NTJ3	SMC4	TESPATAAETAASELDNR	T39	0.404046	0.87230697	0.7160132
Q9NTJ3	SMC4	TESPATAAETAASELDNR	S41	0.44835987	0.86934278	0.73811209
Q9NTJ3	SMC4	REEGPPPPSPDGASSDAEPEPPSGR	S28	0.53722139	0.8446644	0.78705986
Q5MIZ7	SMEK2	GSLVGLVDYDPDEEEDDEESSPRK	S840	0.01872737	0.5149964	0.41830815
Q92540	SMG7	SPPHHSFGQYQQADASK	S781	0.01412058	0.52427185	0.41362115
Q8ND04	SMG8	NESSPAPPDSDDK	S668	0.27663567	0.84189395	0.8415712
Q9HOW8	SMG9	RDASEETSVMQK	S53	0.41486173	1.26280421	0.72306872
Q9HOW8	SMG9	EPGSGGPNLNSGPGGR	S32	0.59625716	0.92636139	0.82338978
PODJ93	SMIM13	ELVGDGTSGQEGDHEPSGSETEEDTSSSPHR	S60	0.82290104	1.04857201	0.93447109
PODJ93	SMIM13	ELVGDGTSGQEGDHEPSGSETEEDTSSSPHR	S58,S60	0.9329403	1.02639873	0.97583851
Q16637	SMN1;SMN2	GTGQSDSDIWDOTALIK	S31	0.1550449	1.38641115	0.55688781
Q16637	SMN1;SMN2	GTGQSDSDIWDOTALIK	S28	0.19227135	1.3280356	0.57728191
Q16637	SMN1;SMN2	RGTGQSDSDIWDOTALIK	S28	0.300718	1.5810174	0.65817287
P53814	SMTN	TTSPEPQESPTLPSTEGQVVNK	S245	0.20774159	0.66807825	0.59226675
O00161	SNAP23	TTWGDGGENSPCNVVSK	S110	0.0068764	0.74546952	0.34322215
Q8TAD8	SNIP1	QERLSPVAPPADR	S35	0.58824404	1.12820513	0.82160635
Q8TAD8	SNIP1	RPDHSGGSPPTSEPAR	S49,S54	0.80027594	0.96066434	0.92455018
Q8TAD8	SNIP1	RPDHSGGSPPTSEPAR	S52	0.95643555	1.00551044	0.98388755
Q9NRH2	SNRK	ASPSENNAGGSSPSGSGGNPTNTSGTTR	S607	0.05683054	0.70026015	0.47702638
O75643	SNRNP200	EEASDDMEGDEAVVR	S225	0.10102227	0.59616491	0.52414255
Q8VVK2	SNRNP27	VDGSVNAYAINVSQK	S132	0.32725194	0.76537219	0.67305029
P08621	SNRNP70	GGGGDMAEPSEAGDAPPDGGPGLGPDGPDGPEEK	S320	0.01309783	0.4329872	0.39919401
P08621	SNRNP70	YDERPGPSPLPHR	S226	0.40459334	1.19726027	0.7160132
P08621	SNRNP70	GGGGGQDNGLEGLGNDNR	S410	0.62246416	0.806022	0.83642863
Q13425	SNTB2	GLGPPSPAPP	S95	0.35468148	0.83303213	0.68723258
Q13425	SNTB2	GPAGEAGASPPVRR	S110	0.38561026	1.1213894	0.71060254
Q13573	SNW1	GPPSPAPVMHSPSR	S224,S232	0.26709736	0.75299172	0.63484011
Q9UMY4	SNX12	RYSDFEWLK	S73	0.13914496	1.47608276	0.54797298
Q15036	SNX17	SPPLLESPDATR	S421	0.00485863	0.58697593	0.31681062
Q15036	SNX17	SPPLLESPDATR	S415	0.15533696	0.74871263	0.55688781
Q9Y343	SNX24	AESCGSFDTESEESSK	S116	0.61527384	1.08920696	0.83347439
Q9Y5X1	SNX9	SGNWESEGWGAQPEGAGAQR	S116	0.93179152	0.96598759	0.97583851

Q9Y4B5	SOGA2	SAEPRPELPGQETGTNSR	S1808	0.02193133	0.68194509	0.41830815
Q9Y4B5	SOGA2	SRSAEPRPELPGQETGTNSR	S1791	0.09764842	1.34365375	0.52139713
Q9Y4B5	SOGA2	EGPVGGESDSEEMFEK	S776	0.19082013	0.65932702	0.57584649
Q9Y4B5	SOGA2	GRSPSPIGVSEMCR	S1812,S1814	0.23565499	0.77795031	0.6080317
Q9Y4B5	SOGA2	SRSAEPRPELPGQETGTNSR	T1804,S1791	0.30849375	0.80429275	0.66139614
Q9Y4B5	SOGA2	SLYGDVDSPLPTGEAGPPSTR	S549	0.38925615	1.2271297	0.71060254
Q9Y4B5	SOGA2	EDVTPPLSPDDLK	T1417,S1421	0.72488918	0.92480996	0.89288925
Q9Y4B5	SOGA2	REGVPVGGESDSEEMFEK	S776	0.98801071	1.00259403	0.99494412
P18583	SON	SAASPVVSSMPER	S1769	0.09843303	0.76300781	0.5228915
P18583	SON	ESDQTLAALLSPK	S1697	0.18449664	0.8023416	0.57356637
P18583	SON	SHDDGNIDLESDFLK	S152	0.27029755	0.86041816	0.63502787
P18583	SON	EMEHNTVCAAGTSPVGEIGEEK	S1556	0.51381203	0.84534606	0.77359824
P18583	SON	SHDDGNIDLESDFLK	S154	0.60325296	1.04969657	0.82778596
O60504	SORBS3	LCDDGQPLTSPR	S530	0.19766418	0.88936627	0.58169594
Q07889	SOS1	SASVSSISLTK	S1134	0.19954543	0.63609885	0.58169594
Q53LP3	SOWAHC	DLVMGSSPQLK	S213	0.32842878	0.78989164	0.67305029
P23497	SP100	LPLQESSEEEERER	S157	0.17645417	1.31996792	0.56898248
P23497	SP100	LSTFRESFK	S394	0.62173701	0.91617196	0.83613383
Q9HB58	SP110	DNSPEPNDPEEPQVSSTPSDK	S256	0.37887652	0.81792319	0.70608805
Q9HB58	SP110	VTQGAASPGHGQIEK	S380	0.42645455	1.19161358	0.72966058
Q02446	SP4	ENNVSQPASSSSSSSSNNGSASPTK	S136	0.01984522	0.74100549	0.41830815
O75391	SPAG7	QEEEAQQGPPVVSPASDYK	S158	0.19699067	0.77581003	0.58169594
O60271	SPAG9	LHQLSGDQLESTASHR	S185	0.23029261	0.71069507	0.6080317
Q86XZ4	SPATS2	NSSWYSSGSR	S480	0.84208085	1.03698286	0.94313056
Q5M775	SPECC1	SVSSPTSSNTPTPK	S134	0.31617035	1.12107925	0.66476843
Q69YQ0	SPECC1L	AQLGINEDHSEGEK	S220	0.1435912	1.29529476	0.55316341
Q69YQ0	SPECC1L	KGSSGNASEVSVACLTER	S385	0.36551245	0.71863255	0.6962527
Q69YQ0	SPECC1L	GSSGNASEVSVACLTER	S384	0.40113239	0.87702482	0.7160132
Q69YQ0	SPECC1L	KGSSGNASEVSVACLTER	S384	0.81488779	0.93557745	0.92952506
Q96T58	SPEN	RPQSPGASPSQAR	S736,S740	0.17047204	0.78295606	0.56526141
Q96T58	SPEN	HGSFHEDPIGSPR	S1268	0.4527245	0.79097225	0.73811209
Q96T58	SPEN	SLVHEVGKPPQDVTDSPPSK	S1222	0.54942765	0.90532959	0.79519958
Q96T58	SPEN	EDVSASGSPPEATQLAK	S2159	0.6638139	1.05625165	0.85711256
Q96T58	SPEN	HGSFHEDPIGSPR	S1278	0.81202416	1.030412	0.92840735
P10451	SPP1	ANDESNEHSDVIDSQELSK	S254	0.01084425	1.72757869	0.37969115
P10451	SPP1	ISHELDSASSEVN	S310	0.02658557	1.53796296	0.41830815
P10451	SPP1	QNLLAPQNAVSSEETNDFK	S63	0.22400704	1.87703638	0.6080317
Q13813	SPTAN1	SLQQLAER	S1217	0.22418487	0.70569304	0.6080317
Q01082	SPTBN1	ESSPIPSPTSDR	S2165,S2169	0.45436485	0.88811881	0.73882557
Q01082	SPTBN1	GEQVSNGLPAEQGSPR	S2138	0.46213411	0.88211616	0.74438607
Q01082	SPTBN1	ESSPIPSPTSDR	S2165,S2169	0.97105458	1.00391313	0.98944141
Q13501	SQSTM1	IALESEGRPEEQMESDNCSGGDDWTHLSSK	S342	0.00805921	2.78477531	0.35749468
Q13501	SQSTM1	EVDPSTGELQSLQMPSEGPSSLDPSQEGPTGLK	S365	0.01477218	2.39847716	0.41362115
Q13501	SQSTM1	LTPVSPSSSTEEK	T269,S276	0.02260708	0.65962828	0.41830815
Q13501	SQSTM1	EVDPSTGELQSLQMPSEGPSSLDPSQEGPTGLK	S366	0.05676717	1.91761855	0.47702638
Q13501	SQSTM1	SRLTPVSPSSSTEEK	T269,S272	0.08244334	0.5292887	0.50397847
Q13501	SQSTM1	LTPVSPSSSTEEK	T269	0.16955489	0.8125404	0.56526141
Q13501	SQSTM1	EVDPSTGELQSLQMPSEGPSSLDPSQEGPTGLK	S355,S361	0.18099202	2.03999936	0.57144392
Q13501	SQSTM1	CSVCPDYDLCVCEGK	S152	0.19566592	1.26556523	0.58092537
Q13501	SQSTM1	IALESEGRPEEQMESDNCSGGDDWTHLSSK	S328	0.23059704	1.37535613	0.6080317
Q13501	SQSTM1	LTPVSPSSSTEEK	T269,S272	0.32335136	0.65941038	0.5705262
Q13501	SQSTM1	IALESEGRPEEQMESDNCSGGDDWTHLSSK	S332	0.75830232	1.06973924	0.90833103
Q13501	SQSTM1	RFSFCCSPEPEAAEAAAGPPCR	S24	0.80855848	1.10104012	0.92670839
Q13501	SQSTM1	IALESEGRPEEQMESDNCSGGDDWTHLSSK	S328,S332	0.82440362	1.17216069	0.93550117
Q13501	SQSTM1	SRLTPVSPSSSTEEK	T269	0.90302577	1.02729754	0.96464663
Q13501	SQSTM1	LTPVSPSSSTEEK	S272	0.98417787	1.00250125	0.99457412
Q8NEF9	SFRBP1	EYFDSTEEFR	T265	0.13106977	0.87775932	0.54353881
Q8NEF9	SFRBP1	TRSLDFPQNEPQJK	S367	0.50475758	1.29653966	0.76766855
Q96SB4	SRPK1	GSAPHSESDLPEQEEILGSDDEQEDPNDYCK	S51	0.57577041	1.12338729	0.81432655
P78362	SRPK2	TVSASSTGDLPK	T498,S494	0.53182796	0.75752822	0.78441777
P78362	SRPK2	TVSASSTGDLPK	T498	0.98216768	0.99749417	0.99355276
Q8IYB3	SRRM1	KETESEAEDNLDDLEK	T872	0.23959779	1.40792455	0.61124058
Q8IYB3	SRRM1	EKTPPELPEPSVK	T220	0.32225743	1.23677843	0.67020204
Q8IYB3	SRRM1	RYSPIQR	S597	0.36156663	1.18822674	0.692567
Q8IYB3	SRRM1	RQSPSPSTRPIR	T718,S713	0.43195199	1.14666667	0.73066928
Q8IYB3	SRRM1	KETESEAEDNLDDLEK	T872,S874	0.43590595	1.28740671	0.73335873
Q8IYB3	SRRM1	KPPAPPSPVQSQSPSTNWSPAVPVK	S769,S773,S781	0.5248318	1.46336399	0.7781237
Q8IYB3	SRRM1	HRSPSPATPPPK	T406,S402	0.55071724	0.94641661	0.79625112
Q8IYB3	SRRM1	ETESEAEDNLDDLEK	S874	0.55382521	1.11459667	0.79795367
Q8IYB3	SRRM1	SPSPAPPPR	S560,S562	0.57681156	0.91879631	0.81432655
Q8IYB3	SRRM1	AASPSQSVR	S738,S740	0.61569558	0.92093541	0.83347439
Q8IYB3	SRRM1	RYSPPPPK	S605,S607	0.7066883	1.05156538	0.88054794
Q8IYB3	SRRM1	KETESEAEDNLDDLEK	S874	0.72594728	1.08748115	0.89291515
Q8IYB3	SRRM1	VPKPEIPEKESPEK	S260	0.7517405	1.11185223	0.90658581
Q8IYB3	SRRM1	RQSPSPSTRPIR	S713,S715	0.80665043	1.03255426	0.92607772
Q8IYB3	SRRM1	KPPAPPSPVQSQSPSTNWSPAVPVK	T778,S769	0.84706985	1.12129826	0.9453218
Q8IYB3	SRRM1	APQTSSSPPVVR	S694,S696	0.86076455	1.03979319	0.95107454
Q8IYB3	SRRM1	VELSEEDK	S463	0.86561071	1.05113098	0.95305732
Q8IYB3	SRRM1	APQTSSSPPVVR	S696	0.8726936	1.01199041	0.95542841
Q8IYB3	SRRM1	RLSPASAPPR	S389,S393	0.87677742	0.98187932	0.95569655
Q8IYB3	SRRM1	TPLEPEPSVK	T220	0.9491793	0.99577346	0.98215506

Q9UQ35	SRRM2	LPQSSSESSPPSPQPTK	S424	0.09301868	0.75158428	0.51597098
Q9UQ35	SRRM2	SRTPPSAPSQSR	S2407	0.11250156	1.81987057	0.53343618
Q9UQ35	SRRM2	SRTPPSAPSQSR	T2409	0.16040883	1.8839081	0.55717183
Q9UQ35	SRRM2	SPGMLEPLGSSR	S2132	0.17683963	0.69514988	0.56898248
Q9UQ35	SRRM2	SVSPCSNVESR	S954	0.21518252	1.14085342	0.60251104
Q9UQ35	SRRM2	SSTPPGESYFVGSVLQK	T1043	0.21727796	1.90840391	0.60411977
Q9UQ35	SRRM2	SLSGSSPCPK	S780	0.25178842	1.22731502	0.61962985
Q9UQ35	SRRM2	SGSSQELDVKPSASPQER	S1552	0.2591872	1.1503543	0.62685443
Q9UQ35	SRRM2	SSSPVTELASR	S1101,S1102	0.26729113	0.69505503	0.63486252
Q9UQ35	SRRM2	SSGHSSSESPDAVEK	S1382	0.27380718	0.80762346	0.63888342
Q9UQ35	SRRM2	SLSYSPVER	S2692	0.2790882	0.79563565	0.6455595
Q9UQ35	SRRM2	HGGSPQLATTPLSQEPVNPPEASPTR	T400,S377	0.3063291	0.77826564	0.66139614
Q9UQ35	SRRM2	SRTSPAPWK	S1857	0.3298804	1.14924347	0.67434984
Q9UQ35	SRRM2	SSGHSSSESPDAVEK	S1382,S1387	0.3613854	0.81327261	0.692567
Q9UQ35	SRRM2	SGSSQELDVKPSASPQER	S1542	0.37301783	0.90920519	0.7200733
Q9UQ35	SRRM2	QGSITSPOANEQSVTPQRR	T866,S857	0.38750599	0.85583624	0.71060254
Q9UQ35	SRRM2	HASSSPSPKAPAPGSHR	S435,S440	0.39762089	2.10059037	0.7160132
Q9UQ35	SRRM2	ELNSNPLRENSFGSPLEFR	S1320,S1329	0.43781908	1.2507772	0.73338954
Q9UQ35	SRRM2	LPQSSSESSPPSPQPTK	S421,S424	0.44413234	0.82697083	0.73811209
Q9UQ35	SRRM2	SSGHSSSESPDAVEK	S1383,S1387	0.46793274	0.85288066	0.74813177
Q9UQ35	SRRM2	TPPVALNLSR	T2104	0.47130722	0.78840125	0.74973768
Q9UQ35	SRRM2	ELNSNPLRENSFGSPLEFR	S1320	0.48739759	1.57835265	0.75953527
Q9UQ35	SRRM2	AIISPR	S924	0.50419152	1.12365205	0.76766855
Q9UQ35	SRRM2	AQTPPGSPSLSGSK	T1003	0.51614393	1.1232687	0.77421589
Q9UQ35	SRRM2	SSSPVTELASR	S1101,S1103	0.5343994	0.86662582	0.87605027
Q9UQ35	SRRM2	SRSVSPCSNVESR	S952,S954	0.58248766	0.90784411	0.81845981
Q9UQ35	SRRM2	SLSGSSPCPK	S778	0.59168778	1.19359784	0.82284423
Q9UQ35	SRRM2	NHSGSRTPPVALNLSR	T2104,S2100	0.60633393	1.12533099	0.82979346
Q9UQ35	SRRM2	NHSGSRTPPVALNLSR	T2104,S2102	0.60937231	0.91169978	0.83062316
Q9UQ35	SRRM2	QGSITSPOANEQSVTPQRR	T866	0.61638395	1.20351228	0.83347439
Q9UQ35	SRRM2	ENFSGSPLEFR	S1329	0.61649945	0.86698565	0.83347439
Q9UQ35	SRRM2	CRSPGMLEPLGSSR	S2132	0.64503848	1.29502532	0.8485533
Q9UQ35	SRRM2	THTTALAGRSPSPASGR	S295,S297	0.65372076	0.93876543	0.85184045
Q9UQ35	SRRM2	AGMSSNQSISSVLDVPRTPSR	T1413,S1404	0.70862121	1.18931402	0.88199908
Q9UQ35	SRRM2	SATRPSPSPERSTGPEPPAPTLLAER	S351,S353,S357	0.73128671	1.16300955	0.89605782
Q9UQ35	SRRM2	RGEGDAPFSEPGTTSTQRPSSPETATK	S323	0.73227324	1.04632283	0.89605782
Q9UQ35	SRRM2	QSHSGSISPYPK	S994	0.74054711	1.09657991	0.89994504
Q9UQ35	SRRM2	ELNSNPLR	S1320	0.74772211	0.88452089	0.90350024
Q9UQ35	SRRM2	GEFSASPMLK	S1124	0.74971041	1.057041	0.90469609
Q9UQ35	SRRM2	NHSGSRTPPVALNLSR	T2104,S2100,S2102	0.75310293	1.18984179	0.9072006
Q9UQ35	SRRM2	QGSITSPOANEQSVTPQRR	S857	0.7627734	0.9286429	0.91002821
Q9UQ35	SRRM2	SSGHSSSESPDAVEK	S1387	0.77078505	1.07905803	0.91329931
Q9UQ35	SRRM2	TSPPLDR	S2398	0.80169763	0.9619182	0.92455018
Q9UQ35	SRRM2	RGEGDAPFSEPGTTSTQRPSSPETATK	S322,S323	0.81894634	1.08141077	0.93238056
Q9UQ35	SRRM2	SRSQSSQELDVKPSASPQER	S1542	0.82103074	1.05862565	0.93321117
Q9UQ35	SRRM2	QGSITSPOANEQSVTPQRR	T866,S857	0.83823244	1.05699139	0.94157617
Q9UQ35	SRRM2	SSSPVTELASRSPIR	S1103,S1112	0.89141373	0.96546322	0.95998402
Q9UQ35	SRRM2	QGSITSPOANEQSVTPQRR	T866	0.90240535	1.0291439	0.96458226
Q9UQ35	SRRM2	HGGSPQLATTPLSQEPVNPPEASPTR	T383,T400,S377	0.90272239	1.0264658	0.96462175
Q9UQ35	SRRM2	GEGDAPFSEPGTTSTQRPSSPETATK	S322	0.91999044	0.98041667	0.9710227
Q9UQ35	SRRM2	EQNSALPTSQDEELMEVVEK	T1231	0.93229168	1.00653605	0.97583851
Q9UQ35	SRRM2	RGEGDAPFSEPGTTSTQRPSSPETATK	T328	0.95146751	1.00927879	0.98285966
Q9UQ35	SRRM2	SCFESSDPDELK	S876	0.96128433	0.99331307	0.98502328
Q9UQ35	SRRM2	GEGDAPFSEPGTTSTQRPSSPETATK	S322,S323	0.97213543	1.01146467	0.98966465
Q9BXP5	SRR1	ERFSPRR	S67	0.84402569	1.07825975	0.94383208
Q07955	SRSF1	VDGPRSPSYGR	S199	0.104867	1.56900041	0.52494467
075494	SRSF10	SRSFDYNYR	S133	0.58612439	1.1430007	0.8200322
Q05519	SRSF11	DYDEEQGVYDSEK	S434	0.49486295	1.13285213	0.76357885
Q01130	SRSF2	VDNLTYRTSPDTRL	T25	0.22626516	1.72970275	0.6080317
Q13247	SRSF6	LIVENLSSR	S119	0.34368583	1.34022508	0.67909008
Q13247	SRSF6	SNSPLPVPSK	S303	0.75955841	1.06355858	0.90862076
Q13242	SRSF9	GSPHYFSPFRPY	S211	0.47115569	1.40103734	0.74973768
Q13242	SRSF9	GSPHYFSPFRPY	Y214,S216	0.92260188	1.01175433	0.97154665
Q13242	SRSF9	GSPHYFSPFRPY	S211,S216	0.99775059	1.00047259	0.99864937
Q9BYN0	SRXN1	GAPEGPGSGGAQGGSIHSGR	S32	0.14237392	0.56883318	0.55155881
P05455	SSB	FASDDEHDEHDENGATGPVK	S366	0.32963543	1.15545326	0.67434984
P28290	SSFA2	TPLGASLDEQSSSTLK	S92	0.18868951	1.33334323	0.57474321
P28290	SSFA2	SLASIEAK	S668	0.20820207	1.23167143	0.59226675
P28290	SSFA2	MPSPPFR	S1040	0.23090023	0.85508206	0.6080317
Q8WYL5	SSH1	KLEFGSPK	S576	0.20679325	0.74743609	0.59145167
Q8WYL5	SSH1	SPPPFYR	S897	0.57590087	0.84300699	0.81432655
Q8TE77	SSH3	RQSFVLR	S37	0.55274228	1.28483207	0.79750499
Q8TE77	SSH3	APSEELHGDQTFGQGSQSPQK	S87	0.6465237	0.95939566	0.84855908
Q08945	SSRP1	QLSEFSK	S659	0.03040916	0.46013765	0.43445387
Q08945	SSRP1	EGMNPSPSYDEYADSDQHDAYLER	S444	0.77166881	1.10851419	0.91329931
P50502	ST13	ADEPSSEESDLEIDK	S79	0.00239128	0.58417508	0.27314524
P50502	ST13	ADEPSSEESDLEIDK	S76,S79	0.6684947	0.81542553	0.85938624
Q95793	STAU1	VTFEPGSDENGTSNK	S390	0.04565125	0.66428125	0.45625798
Q9NUL3	STAU2	GSSPTPPCSPVQPSK	T488	0.05810473	0.75996777	0.47702638
Q13586	STIM1	AVAEDNNGSIGEETDSSPGRK	S668	0.14755034	0.48051624	0.53532644
Q13586	STIM1	SHSPSPDPDTPSPVGDOR	S618	0.1711098	0.75399084	0.56554907

O94804	STK10	LSEEAECNPMPSPK	T952	0.13070281	0.75724977	0.54344847
O94804	STK10	ASQSRPNSSALETLGGEK	S454,S448	0.55447242	0.81966599	0.79832902
O94804	STK10	QVAEQGGDLSPAANR	S438	0.65547954	1.04986318	0.85263945
Q8N1F8	STK11P	RASISEPSTDPEPR	S398	0.21811108	0.76579488	0.60411977
Q13188	STK3	ELEEEEEENDEDELDSHTMVK	S316	0.88007474	0.96326562	0.95724213
Q86UX6	STK32C	RGSSAAASPGSPPPGR	S18,S10	0.2646288	0.75297525	0.63400981
Q9UEW8	STK39	TEDGDWEWSDDEMDEK	S385	0.46289372	1.29573468	0.74438607
Q13043	STK4	EVDQDDEENSEDEMDSGTMVR	S320	0.62881503	0.86186813	0.83899389
P16949	STMN1	ESVPEFPLSPPK	S38	0.2183341	0.71351156	0.60411977
Q5VSL9	STRIP1	KDSEGYSESPDLEFEYADTDK	Y62	0.01144717	1.28616601	0.38671818
Q5VSL9	STRIP1	KDSEGYSESPDLEFEYADTDK	S59	0.88445632	0.94058737	0.95812202
Q13033	STRN3	NLEQILNGGESPK	S229	0.46577178	0.8560953	0.74679609
Q8TCJ2	STT3B	RENPPVEDSSDEDDK	S499	0.37216204	1.20903868	0.7012243
Q8TCJ2	STT3B	RENPPVEDSSDEDDK	S498	0.52082138	1.167603	0.77620221
Q8TCJ2	STT3B	ENPPVEDSSDEDDK	S498	0.5456062	1.0565932	0.79285559
Q12846	STX4	EEADENYVSNTR	S117	0.81508876	0.97129277	0.92952506
Q9H7L9	SUDS3	RPASPPSEHLPATPAESPAQR	S234,S237	0.25961097	0.80890973	0.62708943
Q8IWZ8	SUGP1	AVQQHQHGYDSDDEEVDSELGTWEHQLR	S485	0.38935534	2.37228752	0.71060254
Q8IX01	SUGP2	EAELESPEVMPEEEDDEDEGGEEAPGGAGK	S887	0.29893041	1.19706787	0.65817287
Q8IX01	SUGP2	MSFDIHK	S315	0.32320163	0.54396237	0.6705262
O00204	SULT2B1	EPRPNSSPSPGQASETPHPRPS	S348	0.86932252	0.94869301	0.95442216
Q9UH99	SUN2	YSQGGDDGSSSSGSSVAGSQSTLFK	S12	0.11543768	0.49186351	0.53343618
Q8NEM7	SUPT20H	ADEESDSQMSPHSSSTDDHSNWFIIGSK	S381	0.03396874	1.42952836	0.43874459
Q7KZ85	SUPT6H	KMSDDEDDDEEEYEGK	S125	0.31481908	0.76475396	0.66395403
O94864	SUPT7L	TEESEPLPCGSPPLDPLLPLDCK	S108	0.30297256	1.22270364	0.65956859
Q15527	SURF2	DLGSTEDGGDGTDFLTKDEK	T195	0.1560361	1.34872953	0.55688781
O75683	SURF6	ELSPAALK	S138	0.96622978	0.99425947	0.98758099
Q15022	SUZ12	ASMSEFLESDGEVEQQR	S546	0.1810024	0.75101618	0.57144392
O95425	SVIL	SFDEQNVPK	S707	0.01453174	1.47850467	0.41362115
O95425	SVIL	QAHDLSPAAESSTFSFSGR	S221	0.31865635	1.55923356	0.66755017
O95425	SVIL	CTSHSETPTVDDEEK	T672	0.40047759	0.8928933	0.7160132
O95425	SVIL	DSSFTEVPRSPK	S245	0.45169678	1.09476031	0.73811209
Q92797	SYMPK	TPSPAEDAREPEAK	S1259	0.48539872	1.18007663	0.75953527
Q92797	SYMPK	EERSPQTLAPVGEDAMK	S1243	0.95449719	0.9866822	0.98367301
Q8NF91	SYNE1	LPLPDDHDLSDR	S8223	0.29965712	0.51603855	0.65817287
Q8NF91	SYNE1	ALPSEDEEGQDDK	S8305	0.29994256	0.91220875	0.65817287
Q8NF91	SYNE1	TPTGPELDTSYK	T8360	0.53744695	0.84459875	0.78705986
Q8NF91	SYNE1	SKTPTGPELDTSYK	T8360	0.99776738	1.00097946	0.99864937
O15061	SYNM	QRSPAGSPDEEGGAEAPAAGIR	S1044	0.09587886	0.77857656	0.51670111
O15061	SYNM	QRSPAGSPDEEGGAEAPAAGIR	S1044,S1049	0.18785746	0.68263811	0.57474321
O15061	SYNM	SPAPGSPDEEGGAEAPAAGIR	S1049	0.63684477	0.93694692	0.8428508
Q8N3V7	SYNPO	DRASPAAAEEVPEWASCLK	S685	0.12757781	1.32502618	0.5403576
Q8N3V7	SYNPO	SPPSYVLYPSSDPK	S580	0.44266802	0.84506297	0.73685291
Q9UMZ7	SYNRG	ETSFSGSENITMISLTK	S935	0.09111964	0.51371817	0.51141856
Q9UMZ2	SYNRG	QLSLEGLSGVEDLK	S752	0.64670847	1.07601264	0.84855908
O75410	TACC1	ETPGTLSSDNTDSGVELGEESSRSLPK	S316	0.37077567	0.76762553	0.70105255
O75410	TACC1	ASYHFSPEELDENTSPLLGDAR	S276	0.80663315	1.11232833	0.92607772
O95359	TACC2	FSSPTEELDR	S2512	0.13797916	1.28007299	0.54797298
O95359	TACC2	LDNTPASPPRSPAEPNDIPIAK	S2317,S2321	0.24068608	0.76749799	0.61232743
O95359	TACC2	MQESPKLPQQSYNFDPTCDESVDPPK	S2359	0.58295062	1.29498196	0.81845981
O95359	TACC2	MSESPTPCSGSFEETEALVNNTAAK	S2569	0.69749973	0.92767147	0.87447728
Q6P1X5	TAF2	EPFTFSSPASGR	S1185	0.67806455	0.90577533	0.8627275
Q15545	TAF7	LNESDEQHQENEGTNQLVMGIQK	S264	0.3361939	0.82964729	0.67736506
Q15545	TAF7	EAENQGLDISSPGMSGHR	S201	0.60136268	0.77104812	0.82678366
P37802	TAGLN2	GASQAQMTGYGMGR	S185	0.19096941	0.35660483	0.57584619
P37802	TAGLN2	NFSDNQLQEGK	S163	0.6336329	0.90384227	0.84223531
Q9HCD6	TANC2	DCSYGAVTSPTSTLESR	S169	0.1704401	0.72931881	0.56526141
Q7L7X3	TAOK1	ASDPQSPQVSR	S421	0.52148887	1.09947644	0.77620221
Q9H2K8	TAOK3	NGPLNESQEDEEDSEHGTSLNR	S324	0.3500651	1.21291314	0.68418829
Q9H2K8	TAOK3	NGPLNESQEDEEDSEHGTSLNR	S331	0.79707902	0.95582554	0.92373279
O14907	TAX1BP3	VSEGGPAEIAGLQIQDK	S61	0.13067382	0.60637424	0.54344847
Q4KMP7	TBC1D10B	AAGGAPSPPPVPR	S678	0.6192513	0.89318996	0.83504364
Q4KMP7	TBC1D10B	HGAPAAPSPPPR	S22	0.8753494	1.07229376	0.95556965
Q8TC07	TBC1D15	NDSPTQIPVSSDVCR	S675	0.03275163	0.63557952	0.43874459
Q8TC07	TBC1D15	KDSSVVWVWTQAPK	S70	0.6255637	1.13369756	0.8387339
Q9HA65	TBC1D17	APPPTPPSTDAPQPSSLEILPEEEDGADS	T620	0.17840521	0.69286096	0.56898248
O60343	TBC1D4	LGSVDSFER	S588	0.35890775	0.84566428	0.69093253
Q92609	TBC1D5	RTSSTLDESEGTFSYR	S43	0.25869638	0.75925926	0.62930151
Q92609	TBC1D5	TSSTLDESEGTFSYR	S43	0.42815143	0.72063905	0.72966058
Q92609	TBC1D5	EFTGSPSSATK	S554	0.52247386	0.92434608	0.77694299
Q92609	TBC1D5	SESMPLVQLNK	S522	0.88511352	0.94871884	0.95812202
Q66K14	TBC1D9B	KASVVDPTSESSPAPQEGSEQPASPPLSSR	S411,S439	0.02403453	0.39708801	0.41830815
Q66K14	TBC1D9B	ASVVDPTSESSPAPQEGSEQPASPPLSSR	S435	0.95928873	0.98395608	0.98502328
P23193	TCEA1	EPAITSQNSPEAR	S100	0.0478413	1.19491525	0.45625798
P23193	TCEA1	KEPAITSQNSPEAR	S100	0.06840717	1.2643752	0.49083932
Q96E15	TCEAL4	EGKPEIEGKPESEGEPEGSETR	S102	0.86086155	0.96467907	0.95107454
Q9UGU0	TCF20	NCPAVLTLSPAK	S1335	0.05168701	0.47194776	0.45878883
Q9UGU0	TCF20	ENDTVTISPK	S1522	0.38896216	0.85469105	0.71060254
Q13428	TCOF1	TSQVGAASAPAKESPR	S375	0.05129275	0.7609681	0.45652016
Q13428	TCOF1	TSQVGAASAPAKESPR	S381	0.14196154	0.77987447	0.55060716
Q13428	TCOF1	LGAGEGGEASVSPK	S1378	0.39706533	0.77303884	0.7160132



Q13428	TCOF1	LDSSPSVSTLAAK	S1228	0.58031059	0.94225095	0.8170849
Q13428	TCOF1	VGPATPSAQVVK	T533	0.75843434	0.92319394	0.90833103
Q13428	TCOF1	TQPSVSGVDSAVGTLPATSPQSTSVQAK	S1111	0.79629675	1.11873355	0.92373279
P17987	TCP1	HGSYEDAVHSGALND	S551	0.07633754	0.81208585	0.50397847
P17987	TCP1	HGSYEDAVHSGALND	S544	0.08284221	1.30421753	0.50397847
Q9NVB0	TERF2IP	YLLGDAPVSPSSQK	S203	0.41925668	0.89281314	0.72449573
Q8IWB9	TEX2	SLSTEVEPK	S196	0.6925094	1.1152927	0.8717114
Q01664	TFAP4	DEGIGSPDIWEDEK	S139	0.01904007	0.70971347	0.41830815
Q01664	TFAP4	FIQELSGSSPK	S124	0.05906085	0.55878523	0.47702638
Q14186	TFDP1	VFIDQNLSPGK	S23	0.03351349	0.3991198	0.43874459
Q14188	TFDP2	GFIDQNLSPK	S24	0.04364471	0.58076134	0.45441331
Q9UBB9	TFIP11	EEATYGVWAERDSDDERPSFGGK	S59	0.3995118	1.46756433	0.7160132
Q9UBB9	TFIP11	TTQSMQDFPVVDSEEEAEEEFQK	S210	0.4269314	1.13384321	0.72966058
POC126	TFPT	RTPAPPEPGSPAPGEGPSGR	S180	0.47124895	1.05606407	0.74973768
O43294	TGFB111	ERPAELTPPPSYGHQPQTGSGESSGASGDK	T33	0.9497689	1.02776546	0.98215506
P37173	TGFBR2	LGSSLAR	S352	0.89032106	0.96470707	0.95998402
O43493	TGOLN2	SSAEAQTPEDTPNK	S71	0.0046267	0.17397049	0.31681062
O43493	TGOLN2	TESGEETDLISPPQEEVK	T296	0.01811502	0.37334565	0.41830815
Q96RS0	TGS1	EYEEDDILASDDPSSIEQYENTR	S154	0.40499957	1.20527091	0.7160132
Q8NI27	THOC2	IDTHPSPSHSSTVK	S1419	0.15696315	1.31367464	0.56588781
Q8NI27	THOC2	SESPCESPYNEK	S1516	0.25362397	1.19120135	0.62213743
Q8NI27	THOC2	IDTHPSPSHSSTVK	S1417	0.47546332	1.1701847	0.75249201
Q9Y2W1	THRAP3	MDSFDDELARPSGLLAQER	S575	0.06568495	2.33542712	0.48649241
Q9Y2W1	THRAP3	WAHDKFSGEEGIEEDDESSTENR	S928	0.11485495	1.48158915	0.53343618
Q9Y2W1	THRAP3	SPLQSVVVR	S253	0.14044134	0.80315135	0.54797298
Q9Y2W1	THRAP3	FSGEEGIEEDESSTENR	S939	0.30054107	0.54418095	0.65817287
Q9Y2W1	THRAP3	ASAVSELSPR	S243	0.33361714	1.15934066	0.67622969
Q9Y2W1	THRAP3	SPPSTGSTYSSQK	S320	0.43659333	1.08678021	0.73338954
Q9Y2W1	THRAP3	RIDISPSTFR	S682	0.5375043	1.50992629	0.78705986
Q9Y2W1	THRAP3	FSGEEGIEEDESSTENR	S928,S939	0.5850595	0.90973312	0.8200322
Q9Y2W1	THRAP3	FSGEEGIEEDESSTENR	S928	0.59485771	0.67393083	0.82338978
Q9Y2W1	THRAP3	GSFSDTLGDLGDK	S379	0.63179889	1.08314732	0.84077101
Q9Y2W1	THRAP3	WAHDKFSGEEGIEEDESSTENR	S928,S939	0.67074882	1.04540799	0.86067769
Q9Y2W1	THRAP3	FSGEEGIEEDESSTENR	S928	0.75258942	1.07365439	0.90689921
Q9Y2W1	THRAP3	IDISPSTFR	S682	0.79987125	0.9364939	0.92455018
Q9Y2W1	THRAP3	FSGEEGIEEDESSTENR	S939	0.97527055	1.00263158	0.98993501
Q9NXG2	THUMPD1	DQQPSGSEGEDDDAEAAK	S86,S88	0.0441946	1.47630149	0.45441331
Q9BV44	THUMPD3	DETDESKEETEPQVLK	S215	0.08338415	1.15186017	0.50397847
Q7Z2Z1	TICRR	IECPSGELDQK	S1334	0.00088064	0.4454609	0.25274253
Q7Z2Z1	TICRR	SIVECQPDASATPGVGTADSPAAPTDRDDQK	S1413	0.0050594	0.49107372	0.31681062
Q7Z2Z1	TICRR	SIAEVSQNLK	S865	0.03735528	0.45431251	0.44815912
Q7Z2Z1	TICRR	LHPDGSPPVAGEK	S599	0.1562926	0.62028469	0.55688781
Q9UNS1	TIMELESS	QLLDSDEEQEEDGR	S1173	0.00907033	0.53067485	0.37254089
Q9UNS1	TIMELESS	RQLLDSDEEQEEDGR	S1173	0.0333834	0.6501201	0.43874459
Q9UNS1	TIMELESS	AGLASPEEEDAVGK	S1149	0.2200706	0.87065241	0.6048868
Q9BVW5	TIPIN	AHTVEEVNTDEDQK	T244	0.07322909	0.76213592	0.49843227
Q5JTD0	TJAP1	KDSLTAQEQGNLLN	S545	0.29107461	0.8378553	0.65205353
Q5JTD0	TJAP1	GSPEEELPLAFEK	S300	0.64004735	0.95061728	0.84405606
Q07157	TJP1	LEEPTAPSTSYSPQADSLR	S968	0.01836696	0.61141603	0.41830815
Q07157	TJP1	VQIPVSRPDPEPVSNDNEEDSYDEEIHDPK	S125,S131	0.39352731	1.66612096	0.71369567
Q07157	TJP1	VQIPVSRPDPEPVSNDNEEDSYDEEIHDPK	Y132,S125	0.4180189	1.62479879	0.72427252
Q07157	TJP1	SREDLSAQPVQTK	S617	0.4811058	0.95107604	0.75589799
Q07157	TJP1	AEASSVPVYLSPETNPASSTSAVNHNVNLTNVR	S927	0.58594274	1.51314253	0.8200322
Q9UDY2	TJP2	GRSIDQDYER	S244	0.08410854	1.31734474	0.50397847
O95049	TJP3	SSEPVAQESQSPR	S870	0.17420431	0.72954495	0.56898248
Q04724	TLE1	DASSPASTASSASSTLK	S286	0.0622685	0.66711957	0.47702638
Q04726	TLE3	ESSANNVSPSESRLR	S203	0.01027624	0.70696547	0.37254089
Q04726	TLE3	DAPTSASVASSSTPSSK	S286	0.08353281	0.82363474	0.50397847
Q04727	TLE4	SSVSPSASFR	S208	0.29444288	0.82790071	0.6555018
Q9Y490	TLN1	DHFGLGDEESTMLEDSVSPK	S425	0.50690973	1.32533781	0.76766855
Q9Y4G6	TLN2	LDEGTPEPK	T1843	0.83163134	1.02820915	0.93808376
Q969X1	TMBIM1	AVSDSFGPGEWDRK	S81	0.39048257	0.83962584	0.71132527
O94876	TMCC1	FGSADNIPNLK	S382	0.4073209	0.85694998	0.71690855
Q92545	TMEM131	RSSDPWSNSHFPHEN	S1871	0.16578789	0.80179628	0.56312413
Q92545	TMEM131	DFDHHDSPALEVFTEQPPSPLK	S1375	0.73248886	1.09872885	0.89605782
Q96A57	TMEM230	TNLATGIPSSK	S15	0.08260486	5.56844319	0.50397847
Q96A57	TMEM230	LSSTDDGYIDLQFK	S24	0.22373886	1.48388179	0.6080317
Q9Y2B1	TMEM5	GREQSTLESEEWNPWEGDEK	S59	0.77216123	0.90984879	0.91329931
Q9NW97	TMEM51	QGEDLAHVQHTGAGPHAQEEDSQQEEEEDEEAASR	S115	0.73280992	0.93084063	0.89605782
Q9NW97	TMEM51	ADVEASPGNPPDRQNSK	S192	0.97162446	0.99582289	0.98966465
P82094	TMF1	SATPVNCEQPDILVSSTPINEGQTVLDK	T401	0.21213396	1.71863569	0.59909252
Q9NYL9	TMOD3	DLDEDELLGNLSETLK	S25	0.98486254	0.9942674	0.9949188
P42167	TMPO	GPPDFSSDEEREPTVLGSGAAAAGR	T74	0.24926724	1.33091787	0.61802971
P42167	TMPO	SSTPLTISSAENR	T160	0.2835182	1.25533597	0.64836433
P42167	TMPO	SSTPLTISSAENR	T164	0.29109678	1.18997825	0.65205353
P42167	TMPO	GPPDFSSDEEREPTVLGSGAAAAGR	S66	0.38019037	0.84227966	0.70800664
P42167	TMPO	GPPDFSSDEEREPTVLGSGAAAAGR	T74,S66	0.44423706	1.22814278	0.73811209
P42167	TMPO	SSTPLTISSAENR	S167	0.54286539	1.16265819	0.79120965
P42167	TMPO	QNGSNDSDRYSDNEEDSK	S184	0.54475701	1.09305761	0.79229018
P42167	TMPO	GPPDFSSDEEREPTVLGSGAAAAGR	S66,S67	0.9061174	1.06538293	0.96653745
Q9H3N1	TMX1	SLGFSLATDK	S270	0.17273107	0.71301775	0.56561687

Q9H3N1	TMX1	VEEEQEAEEDVSEEEAESK	S247	0.47938759	0.80259563	0.75541886
Q9H3N1	TMX1	KVEEEQEAEEDVSEEEAESK	S247	0.63894406	0.93368421	0.84343554
Q9H3N1	TMX1	QRSILGSLATDK	S270	0.89952934	1.00902379	0.96360157
Q9Y320	TMX2	AGDNIPPEEQVASTPTTVSDGENKK	S288	0.04209982	0.67878077	0.45441331
Q9Y320	TMX2	AGDNIPPEEQVASTPTTVSDGENK	S288	0.04999665	0.57009346	0.45652016
Q9H1E5	TMX4	DDSNEEENKDSLVDDEEEK	S259	0.1869622	0.82071152	0.57474321
Q07912	TNK2	KPTYDVPSEDQDPLSSDFK	T517	0.57631236	0.85727036	0.81432655
Q9C0C2	TNKS1BP1	RFSEGLVQSPSQDQEK	S429,S435	0.00280789	0.54290045	0.27314524
Q9C0C2	TNKS1BP1	EAAFSPGQQDWSR	S1103	0.03430484	0.7884973	0.43874459
Q9C0C2	TNKS1BP1	NMAPAGVAVCPGSEK	S1297	0.06907811	0.71688548	0.49170374
Q9C0C2	TNKS1BP1	WSDQGPAAQTSR	S1533	0.07323076	1.21527057	0.49843227
Q9C0C2	TNKS1BP1	FSEGLVQSPSQDQEK	S435	0.08380817	0.51032791	0.50397847
Q9C0C2	TNKS1BP1	VSGAGFSPSSK	S1138	0.0899595	0.83508246	0.51018936
Q9C0C2	TNKS1BP1	TEAQDLCRASPEPPGPESSSR	S672	0.10603939	1.23178808	0.52598269
Q9C0C2	TNKS1BP1	HNGSLPLGLEAR	S1385	0.22222744	1.27937159	0.6080317
Q9C0C2	TNKS1BP1	SQEAADVQDWEFR	S836	0.24238864	0.76054217	0.61278278
Q9C0C2	TNKS1BP1	VPSSDEEVVEEPQSR	S1621	0.2798594	1.10116796	0.64555595
Q9C0C2	TNKS1BP1	SFGTRPLSSGFPEEAQQDDEEFK	S983	0.30293194	1.25209657	0.65956859
Q9C0C2	TNKS1BP1	RFSEGLVQSPSQDQEK	S429	0.30380894	1.26056035	0.66097157
Q9C0C2	TNKS1BP1	DTQSPSTCEGGLGWSQK	S712	0.31336568	0.81622018	0.66321511
Q9C0C2	TNKS1BP1	GWSEQPQVK	S221	0.38273737	1.13919414	0.70884547
Q9C0C2	TNKS1BP1	DTQSPSTCEGGLGWSQK	T710	0.41858289	0.8871581	0.72427252
Q9C0C2	TNKS1BP1	SAEEGELAESK	S1666	0.43351246	0.86535579	0.73152094
Q9C0C2	TNKS1BP1	RDSLGAAYASQDANEQGGDLGK	S893	0.49693155	0.91441804	0.76446134
Q9C0C2	TNKS1BP1	NRSAEEGELAESK	S1666	0.4973548	1.06067678	0.76446134
Q9C0C2	TNKS1BP1	RDSLGLTYSR	S872	0.61065451	1.1166547	0.83095214
Q9C0C2	TNKS1BP1	SQEAADVQDWEFRK	S836	0.72556029	1.04770017	0.89291515
Q9C0C2	TNKS1BP1	VPSSDEEVVEEPQSR	S1620	0.88883583	1.01199719	0.95935633
Q9C0C2	TNKS1BP1	YESQEPLAQESPLPLATR	S601	0.99001748	0.99799398	0.99621995
Q8NDV7	TNRC6A	EEPTGWEEPEPESIR	S991	0.01745441	0.6213974	0.41830815
Q68CZ2	TNS3	GVGSGHPHPTDQQPSPSK	S660	0.02032566	0.73873874	0.41830815
Q68CZ2	TNS3	ASEAASPLDPSGDK	S1149	0.05726911	0.58524979	0.47702638
Q68CZ2	TNS3	KLSLQYDNDAGGQLPFSK	S776	0.470866	1.57074893	0.74973768
Q96GM8	TOE1	AADSDDGAVSAPAAASDGGVSK	S5	0.65638594	0.94945055	0.85263945
O75674	TOM1L1	EATNTTSEPSAPSQDLDLSPSR	S323	0.23391001	0.80409694	0.80403017
O94826	TOMM70A	ASPAPGSGHPEGGAHLDMNSLDR	S91	0.14009372	0.52577148	0.54797298
P11387	TOP1	ENGFSPPQIK	S112	0.4910179	0.82450721	0.76263004
P11387	TOP1	ENGFSPPQIKDEPEDDGYFVPPK	S112	0.93703483	0.97719083	0.97792363
P11388	TOP2A	TQMAEVLPSR	S1213	0.01001017	0.56200528	0.37254089
P11388	TOP2A	SVVSDLEADDVK	S1377	0.01268066	0.54307999	0.39919401
P11388	TOP2A	VPDEEENEESDNEK	S1106	0.03144894	0.66597572	0.43874459
P11388	TOP2A	NENTEGSPQEDGVELEGLK	S1247	0.12531178	0.86469345	0.5401424
P11388	TOP2A	SVVSDLEADDVK	S1374	0.17883889	0.59665949	0.56898248
P11388	TOP2A	TDEDFVPSDASPPK	T1343	0.20748831	0.3073124	0.59203789
P11388	TOP2A	YLEESDEDDLF	S1525	0.9608631	1.02513778	0.98502328
P11388	TOP2A	GSVPLSSPPTHFDETEITNPVVK	S1393	0.98771274	0.99359682	0.99494412
Q02880	TOP2B	DEYTFSPGK	S1424	0.16892656	0.55646344	0.5637433
Q02880	TOP2B	ASGSENEGYNPGR	S1552	0.23134694	0.81548155	0.6080317
Q02880	TOP2B	KASGSENEGYNPGR	S1552	0.37504987	0.81076962	0.70314194
Q02880	TOP2B	ASPIITNDGEDEFVPSDGLDK	S1400,S1413	0.49546365	1.23808577	0.76416336
Q02880	TOP2B	ASPIITNDGEDEFVPSDGLDK	S1413	0.51552587	0.89493433	0.77421589
Q02880	TOP2B	VKASPIITNDGEDEFVPSDGLDK	S1400,S1413	0.61188837	0.77691293	0.83176861
Q02880	TOP2B	VVEAVNSDSEFGIPK	S1522	0.67331657	1.07050654	0.86131187
Q02880	TOP2B	FDSNEEDSASVFSFGLK	S1466	0.72163211	1.07769572	0.8914279
Q02880	TOP2B	KASGSENEGYNPGR	S1550,S1552	0.77611783	0.95268362	0.91412088
Q02880	TOP2B	ASPIITNDGEDEFVPSDGLDK	S1400	0.92221149	0.98540541	0.97154665
Q5JTV8	TOR1AIP1	DSHSSEDEASSQDLSQTISK	S157	0.08328536	0.70545964	0.50397847
Q5JTV8	TOR1AIP1	VNFSEEGETEEDDQDSSHSSVTTVK	S215	0.3372142	1.07389759	0.67736506
Q5JTV8	TOR1AIP1	VNFSEEGETEEDDQDSSHSSVTTVK	T220	0.50515696	0.86160109	0.76766855
Q5JTV8	TOR1AIP1	VNFSEEGETEEDDQDSSHSSVTTVK	T220,S215	0.91085846	1.01439539	0.9669909
Q5JTV8	TOR1AIP1	DSHSSEDEASSQDLSQTISK	S154,S156	0.99621768	0.99787049	0.99853716
O94842	TOX4	LSTTPSPTSSLHEDGVDFRR	T180,S178	0.50815242	1.11788618	0.7685889
Q12888	TP53BP1	NGSTAVAESAASPK	S1028	0.06788808	0.7087959	0.49083932
Q12888	TP53BP1	LITSEERSPAK	S1678	0.11016423	0.68591224	0.53343618
Q12888	TP53BP1	NSPEDLGLSLTDGDSK	S500	0.15067128	1.15600167	0.55645143
Q12888	TP53BP1	CSDSQSWEDIAPEIPCAENR	S786	0.15669631	1.24465005	0.55688781
Q12888	TP53BP1	SPEPEVLSTQEDLFDQSNK	S294	0.19066232	1.16841202	0.57584619
Q12888	TP53BP1	STPFIVPSPTEQEQR	S380	0.24067903	1.06582459	0.61232743
Q12888	TP53BP1	MVIQGPSSPQGEAMVTDVLEDQK	S1113	0.269171	1.49563512	0.63502787
Q12888	TP53BP1	SLVQDLSSTNSDLVAPSPDAFR	S366	0.34298646	2.53531673	0.67878924
Q12888	TP53BP1	SEDMFPSPK	S265	0.56112259	1.09059549	0.80509013
Q12888	TP53BP1	SGTAETEPVEQDSSQPSLPLVR	S831	0.61975279	1.05853659	0.83506597
Q12888	TP53BP1	FVPAENDSILMNPAAQDGEVQLSQNDDK	S580	0.66351709	1.1141268	0.85711256
Q12888	TP53BP1	GNLHFPSSQGEK	S1068	0.68848048	1.03189793	0.86958941
Q12888	TP53BP1	IDEDGENTQIEDTEPMSPLVNSK	S552	0.88819589	0.97090038	0.95935633
Q13625	TP53BP2	NQSSIEDLR	S480	0.28113275	0.70498791	0.64555595
Q13625	TP53BP2	RSITEPEGPNGPNIQK	S737	0.52110901	0.87676377	0.77620221
P12270	TPR	TDFAEAIHSPQVAGVPR	S2155	0.10465144	1.65298964	0.52486294
P12270	TPR	AADSQNSGEGNTGAAESSFSQEVSR	S2048	0.110236	0.67433962	0.53343618
Q9ULW0	TPX2	SSDQPLTPVSPK	S738	0.01669438	0.51798202	0.41830815
Q9ULW0	TPX2	SPAFALK	S486	0.04864615	0.59495809	0.45625798

Q13595	TRA2A	RSPSPYYSR	S260,S262	0.06190126	0.85506706	0.47702638
Q13077	TRAF1	CRGEDLQISPGSR	S64	0.16487045	1.22030851	0.56274908
Q8TDR0	TRAF3IP1	RQDSMEALQMDR	S476	0.64554709	0.86169889	0.84855908
Q9BUZ4	TRAF4	GSLDESSLGFGYPK	S426	0.16772623	0.76853589	0.56312413
Q6QOC0	TRAF7	STFSLPEEEEEPEPLVFAEQPSVK	S105	0.92535577	1.01810744	0.97221637
O14545	TRAFD1	LDSQPQETSPELPR	S415	0.15682967	0.85974359	0.55688781
O14545	TRAFD1	ALPSLNTGSSSPR	S327	0.3152683	0.7478085	0.66410833
O14545	TRAFD1	LDSQPQETSPELPR	T414	0.71200389	0.94680398	0.88466484
Q8WVT3	TRAPPC12	VRDEAEPGGEGDPGPEPAGTTPSPSGEADGDCAPEDAAPSSGGAPR	S111	0.42910846	0.70494136	0.73016282
Q8WVT3	TRAPPC12	VRDEAEPGGEGDPGPEPAGTTPSPSGEADGDCAPEDAAPSSGGAPR	T107,S111	0.82800423	1.06937215	0.9364171
Q96PN7	TRERF1	SNSIDGSNVTPTPGGEQTVDVPEPR	S756	0.78623705	0.94089591	0.92039443
O95361	TRIM16	ETEEQDSDSAEQGDPAGEGK	S62	0.21497633	1.09446847	0.60251104
O95361	TRIM16	ATAQPPAPLSPDPSGSPDPSGSASPVEEEDVGSSEK	S24	0.22751194	0.78785943	0.6080317
O95361	TRIM16	ETEEQDSDSAEQGDPAGEGK	S60	0.35014051	1.12947433	0.68418829
Q14258	TRIM25	ASAPSPNAQVACDHCLK	S100	0.93669397	0.98082972	0.97786421
Q13263	TRIM28	LASPSGSTSSGLEVVAVEPGTSAAPGGGPGTLDDSATICR	S600,S601	0.38701278	1.41650711	0.71060254
Q13263	TRIM28	LASPSGSTSSGLEVVAVEPGTSAAPGGGPGTLDDSATICR	S594	0.45228734	1.6905638	0.73811209
Q13263	TRIM28	SGEGEVSGLMR	S473	0.45919294	0.83911368	0.74160036
Q13263	TRIM28	SRSGEVSGLMR	S471	0.61067007	0.85073341	0.83095214
Q13263	TRIM28	QSGSGSQPMVEQEGYGFSGDDPYSSAEPHVSQVK	S439	0.75431788	0.93746012	0.90771166
Q13263	TRIM28	SRSGEVSGLMR	S473	0.8589459	0.95224341	0.90581852
O75382	TRIM3	REDSPGPEVQPMQDK	S7	0.76681323	1.05437162	0.91222963
Q9BRZ2	TRIM56	QGGVQPAGQDGAQTPK	T418	0.98735211	1.00301117	0.99494412
Q15642	TRIP10	APSDSSLTTPSDGRPELR	S296	0.36079833	1.132	0.692567
Q15642	TRIP10	APSDSSLTTPSDGRPELR	S296,S299	0.44798004	0.91150895	0.73811209
Q14669	TRIP12	DDSDLSPQGR	S991	0.04242181	0.47025597	0.45441331
Q14669	TRIP12	SESPPAELPSLR	S312	0.14032195	0.71786825	0.54797298
Q14669	TRIP12	QFSIQAEERESTDDENPLGR	S1376	0.38822283	1.24145474	0.71060254
Q14669	TRIP12	RSEPPAELPSLR	S312	0.59332302	0.89639344	0.82284423
Q9H3H1	TRIT1	LDSDAVNTIESQVSPDHNK	S441	0.05129887	0.68525925	0.45652016
Q7Z2T5	TRMT1L	YSTPTTYGQSESHVQSASEDTVTER	S707	0.69603244	0.92441229	0.97391021
Q92574	TSC1	GGFDSPFYR	S505	0.55204826	1.18178477	0.79722272
P49815	TSC2	GQPEGPLPSSSPR	S1449	0.05082904	0.64223788	0.45652016
Q9Y3Q8	TSC2D4	SPDPFGAVAAQK	S279	0.49280534	0.81770183	0.76351366
Q9UJK0	TSR3	GGASSSCCEEQIQGR	S282	0.43316199	0.83158655	0.73152094
Q6PID6	TTC33	KSEAPAEVTHFSPK	S197	0.11459928	1.20734381	0.53343618
Q6PID6	TTC33	SEAPAEVTHFSPK	S197	0.78474056	0.9202331	0.92039443
Q9ULT0	TTC7A	LPNSIASR	S182	0.25034307	0.82492869	0.61849465
Q15361	TTF1	DIFYEDDSEGEDIEK	S872	0.63534466	1.13730812	0.8428508
Q9BQE3	TUBA1C	TIGGGDDSFNTFFSETGAGK	S48	0.37827745	0.85236448	0.7053533
Q12792	TWF1	YLLSQSPAPLTAEEELR	S142	0.30676934	1.26629296	0.66139614
Q3B726	TWISTNB	HQEVQDQDPVQFGSDSSGYQSDHK	S300	0.04696212	0.65374314	0.45625798
Q3B726	TWISTNB	HQEVQDQDPVQFGSDSSGYQSDHK	S304	0.05575465	0.71732378	0.47702638
Q3B726	TWISTNB	HQEVQDQDPVQFGSDSSGYQSDHKK	S304	0.25134775	0.73163396	0.61962985
Q3B726	TWISTNB	KHSEEAFTPLK	S316	0.37235911	0.71111111	0.7112243
P40222	TXLNA	SSPGQPEAGPEGAQERPSQAAPAVEAEGPGSSQAPR	S18	0.04712721	0.60381192	0.45625798
P40222	TXLNA	SSPGQPEAGPEGAQERPSQAAPAVEAEGPGSSQAPR	S35	0.04910653	0.66030361	0.45625798
P40222	TXLNA	RPEGPGAQAPSSPR	S515	0.92416788	0.99297259	0.9718589
O43396	TXNL1	QHLENDPGSNEDTDIPK	T117	0.06150498	1.48171925	0.47702638
O15042	U2SURP	LYSILQGDSPPTK	S485	0.05692347	0.65777335	0.47702638
Q14157	UBAP2L	RYPSSISSPQK	S605,S609	0.00683407	0.48246782	0.34222215
Q14157	UBAP2L	STSAPQMSPGSSDNQSSSPQPAQKQ	S477	0.01102471	0.55711208	0.37969115
Q14157	UBAP2L	NPSDSAVHSPFTK	S412	0.02925609	0.71125204	0.43032203
Q14157	UBAP2L	RYPSSISSPQK	S609	0.05009329	0.85586319	0.45652016
Q14157	UBAP2L	STSAPQMSPGSSDNQSSSPQPAQKQ	S471,S475	0.06850055	0.50821321	0.45083932
Q14157	UBAP2L	STSAPQMSPGSSDNQSSSPQPAQKQ	S470	0.89835185	0.98282828	0.96293924
Q14157	UBAP2L	SPAVATSTAAPPPSSPLPSK	S454	0.97657815	0.98085703	0.99096498
Q96LR5	UBE2E2	VDDSPSTSGSSDGDQR	S19	0.42477893	0.87619371	0.7285551
Q96LR5	UBE2E2	VDDSPSTSGSSDGDQRESVQQEPPER	S18	0.76186365	1.06249346	0.90951853
Q9COC9	UBE20	SEAESASPEETPDGSASPVEMQDEGAEPHEAGEQLPFLK	S441	0.74289657	1.03117084	0.90061831
O95155	UBE4B	SQSMDDIDGVSCEK	S105	0.13562225	1.21883657	0.5475768
O95155	UBE4B	SQSSEGVSSLSSPNSLETQSQSLR	S88	0.93068868	1.02907294	0.97583851
Q5T4S7	UBR4	HVTLPSSPR	S2719	0.45386565	1.10170506	0.73871138
Q5T4S7	UBR4	TSPADHGGVSGSESGGSAVDSVAGEHVSVGR	S2885	0.64584448	1.1244898	0.84855908
O95071	UBR5	WLDGASFDR	S327	0.65040591	0.83401974	0.84963106
Q14CS0	UBXN2B	LGSLTPEIVTSPSSPEEEDK	S234	0.42543742	0.77275901	0.7291324
Q92890	UFD1L	FVAFSGEGQSLR	S299	0.74166735	0.9080756	0.90061831
Q96T88	UHRF1	ERDSELSDDTSGCCLGQSESDK	S91	0.0202445	0.49118208	0.41830815
Q96T88	UHRF1	ERDSELSDDTSGCCLGQSESDK	S88	0.02972338	0.35999412	0.43032203
A0JNW5	UHRF1BP1L	DHNVSGPPSPHTASQHTQTEK	S414,S418	0.52351896	0.9224537	0.77709199
Q96PU4	UHRF2	RPISDDDCPSASK	S667	0.96244629	1.00707144	0.98552217
Q96RL1	UIMC1	DVETTSSVSK	S29	0.12668712	0.43560479	0.5403576
Q96RL1	UIMC1	VPSPGMEEAGCSR	S653	0.9675082	1.00749025	0.98758099
O75385	ULK1	SGSTSPPLGFR	S469	0.89376505	1.03626726	0.96131381
Q9H1C4	UNC93B1	YLEEDNSDESDAEAGEHGDGAEAAAAPPAGPRGPPEAGLGR	S547,S550	0.35113561	1.61330009	0.68418829
P13051	UNG	APAGQEEPTPPSSPLSAEQDR	T60	0.04328641	0.46243108	0.45441331
P13051	UNG	HAPSPPEAVQGTGVAGVPEESGDAAAIAPAK	S23	0.32536933	0.61544432	0.67180574
O94763	URI1	SISCEEAATCSDTSESILEEPPQENQK	S440	0.15573315	0.77970297	0.55688781
O94763	URI1	NSTGSGHSAQELPTIR	S372	0.25091092	0.759375	0.61945319
O94763	URI1	KNSTGSGHSAQELPTIR	S372	0.89949145	0.96647814	0.96360157
O60763	USO1	DLGHPVEEEDLESGDQDEDEDESEDPGK	S942	0.04900552	1.45758929	0.45625798

O94782	USP1	VEESSEISPEPK	S475	0.0023659	0.32645459	0.27314524
Q14694	USP10	TCNSPQNSTDSVSDIVPDSPPFPGALGSDTR	T216	0.34576397	1.57095214	0.6804635
Q14694	USP10	YSPPAISPLVSEK	S365	0.68597457	0.90065716	0.86856486
Q14694	USP10	NHSVNEEEQEEQEGEGSEDEWEQVGR	S576	0.902088	1.04108392	0.96458226
P51784	USP11	YVTKPNSDDDDGDEK	S648	0.07196768	1.38511327	0.49571338
Q9Y4E8	USP15	GASAAATGIPLESDESDNDNDNIENENCMHTN	S961	0.23617863	0.81469115	0.6080317
Q9Y4E8	USP15	SPGASNFSTLPK	S229	0.36129359	0.81440781	0.692567
Q9Y5T5	USP16	TVEDEDQDSEEEK	S415	0.40942084	1.32856228	0.71721535
Q9Y2K6	USP20	SSSPCRTPEPDNDAHLR	S373	0.10647262	1.50588603	0.52610002
Q70CQ2	USP34	DSSIIDPGTEQLDLPSPENSSVK	S3406	0.23434399	0.80095166	0.6080317
Q9P275	USP36	DVVLSTSPK	S582	0.13960454	0.66327025	0.54797298
Q53GS9	USP39	EVDEDESEPEREVR	S82	0.22960039	1.24510515	0.6080317
Q9H9J4	USP42	DAEPQPGSPAAESLEEPDAAAAGLSSTK	S754	0.061463	0.68540434	0.47702638
Q9H9J4	USP42	DSALAEAEPLSPAPPAR	S856	0.14063831	0.76855285	0.54797298
Q96K76	USP47	DGEQQLLEDSSAGEDSVHDR	S142	0.35112343	0.92002785	0.68418829
Q96K76	USP47	ELEQHIQTSDPENFQSEER	S933	0.43286026	1.05654762	0.73152094
P45974	USP5	SAADSISESPVVGPK	S783	0.37468509	0.81665448	0.70284065
Q70EL1	USP54	GDEPQASGYHSEGETLK	S481	0.5322942	0.86280841	0.78476937
Q92738	USP6NL	IEVLPVDTGAGGYSGNSGSPK	S716	0.45761759	0.84647006	0.74096613
Q93009	USP7	AGEQQLSEPEMDMEMEAGTDDPPR	S18	0.36527416	0.86749423	0.69618384
P40818	USP8	SYSSPDITQAIQEEK	S718	0.23467348	0.77846471	0.6080317
P40818	USP8	RSYSSPDITQAIQEEK	S718	0.88161213	0.99139044	0.95761744
Q93008	USP9X	NGILAIEGSGSDVDDMSGDEK	S1600	0.40525358	1.21841265	0.7160132
Q9BVJ6	UTP14A	DSGSQEVLELSELR	S451	0.03977452	1.49140105	0.44899888
Q9BVJ6	UTP14A	RSELSQDAEPAGSQETK	S445	0.32186922	1.11376493	0.67020204
Q9Y5J1	UTP18	VQEHEDSGDSEVENEAK	S121	0.16162011	2.00402768	0.55797736
Q9Y5J1	UTP18	TSSDDESEEDDILLQR	S205,S210	0.63852324	1.49882521	0.84338453
Q9Y5J1	UTP18	VQEHEDSGDSEVENEAK	S121,S124	0.92274364	1.02253302	0.97154665
O75691	UTP20	SLSDNQGPPTDPADSGGTSK	T1741	0.88457829	1.0230608	0.95812202
Q9P0L0	VAPA	VAHSDKPGSTASFR	S214	0.45226205	1.3664451	0.73811209
O95292	VAPB	SLSSLDLDEVK	S158	0.0506682	0.4950396	0.45652016
P50552	VASP	SSSVTTSETQCTPSSSDYDLQR	S324	0.29784383	0.78971804	0.65817287
P18206	VCL	SLLDASEAIK	S721	0.26516104	0.75114568	0.63400981
P18206	VCL	DPSASPGDAGEQAIR	S290	0.42754983	1.13747126	0.72966058
P55072	VCP	REDEEESLNEVGYDDIGGCR	S197	0.17491401	1.30546645	0.56898248
Q96JH7	VCP1P1	GNSVEELEEMDSQDAEMTNTTEPMDHS	S1198	0.80325628	1.04218509	0.92467356
P21796	VDAC1	LTFDSSFSPNTGK	S104	0.55248427	0.85069266	0.79746681
P45880	VDAC2	LTFDTTFSPTNGK	S115	0.93006759	0.95432296	0.95783851
Q9HBM0	VEZT	MCYQCESEDEPQADGSGLLTAPPTPR	S696	0.27515685	0.84722864	0.64019666
Q14135	VGLL4	TGPPPIPSK	S52	0.394961	0.85180851	0.71403973
P08670	VIM	DGQVINETSQHHDLE	S459	0.02969049	0.55708341	0.43032203
P08670	VIM	SLYASSPGGVYATR	S56	0.03895021	0.67591675	0.44872753
P08670	VIM	QVQSLTCEVDALK	S325	0.14842841	0.62581941	0.53532644
P08670	VIM	ETNLDLPLVDTHSK	S430	0.73953958	1.08643122	0.89994504
Q9H9C1	VIPAS39	TRPGSFLSDALSDTPAK	S121	0.48691573	1.62061767	0.72466666
Q8IV63	VRK3	GLNSFSPK	S59	0.06809748	0.44448442	0.49083932
Q7Z5K2	WAPAL	RPESPSESPIK	S221	0.02638066	1.79182213	0.41830815
Q7Z5K2	WAPAL	RPESPSESPIK	S221,S226	0.13804354	0.71135479	0.54797298
Q9NQA3	WASH6P	QDDGSSASPSVQGAPR	S327	0.13420053	0.77216764	0.5475768
O00401	WASL	VIVDFIEK	Y256	0.01831355	0.56347398	0.41830815
O75717	WDHD1	RVVDESDETENQEEK	S1090	0.95977094	0.9922907	0.98502328
Q8TBZ3	WDR20	SNSLPHSAVSNAGSK	S434	0.85860393	1.04076923	0.9505085
Q9UNX4	WDR3	GSSPGIQDTLEAEDGAFETDEAPEDR	S241	0.60697339	0.94274029	0.82983763
Q5JSH3	WDR44	EYVSNDAQAQSDDEEK	S403	0.30472497	1.2405838	0.6612054
Q5JSH3	WDR44	LTQTSSTEQLNLETETEVLNK	T163	0.41998684	1.2940957	0.72466666
Q5JSH3	WDR44	VGNESPVQELK	S50	0.89996236	0.98564593	0.96376566
Q9H6Y2	WDR55	TCEERPAEDGSDDEEDPDSMEAPTR	S14	0.61636646	1.12015504	0.83347439
O43379	WDR62	TRLSTASEETVQNR	T50	0.06285952	0.39329687	0.47702638
O43379	WDR62	TRLSTASEETVQNR	S49	0.21735887	0.55364044	0.60411977
Q9NW82	WDR70	TMFAQVESDDEEAK	S638	0.872501	0.98345588	0.95542841
Q8IWA0	WDR75	VQDTSNTGLGEDIIHQLSK	S796	0.23540738	1.15926605	0.6080317
O95785	WIZ	SPQLSLSPRASPK	S1012,S1017	0.0623251	0.58719888	0.47702638
O95785	WIZ	TPALALAGSPTPK	T998	0.17719502	0.57972387	0.56898248
Q9H4A3	WNK1	DRPVSQPSLVGSK	S167	0.01635901	0.65522554	0.41830815
Q9H4A3	WNK1	DVDDGSGSPHSPHQLSSK	S2032	0.28728487	0.80227903	0.65007167
Q9H4A3	WNK1	EKPELSEPHLNGPSSDPEAAFLSR	S2002	0.8687628	1.03499742	0.95442216
Q9H4A3	WNK1	EKPELSEPHLNGPSSDPEAAFLSR	S2011,S2012	0.87554448	1.08885089	0.95556965
Q9H4A3	WNK1	EKPELSEPHLNGPSSDPEAAFLSR	S2012	0.97758709	1.00599455	0.99140457
Q9BUR4	WRAP53	TLETQPLAPDCCPSQDPAPAHSPHSPAMNK	S26,S30	0.05229103	0.63757116	0.46177
Q9BUR4	WRAP53	EGDPVSLSTPLETEFGSPSELSR	S90	0.52175032	1.11175626	0.77620221
Q9BUR4	WRAP53	IEEQELSENTSLPAEANGSLSEEEANGPELGSGK	S114	0.9469886	1.02221967	0.98213577
Q15007	WTAP	EGNTTEDDFPSSPGNGNK	S306	0.21203142	0.85047081	0.59909252
Q8IX03	WWC1	SSTQTLLEDSWR	T835	0.19927462	0.68191577	0.58169594
Q8IX03	WWC1	ETNTETPAPSPVVRPK	T895,S899	0.30919435	0.72623142	0.66139614
Q01831	XPC	DEALSDGDDL	S94	0.57766586	0.81670732	0.8143599
Q01831	XPC	SEAAAAPHTDAGGGLSSDEEEGTSSQAEAR	S883,S884	0.79290061	1.13396825	0.9228136
Q9COE2	XPO4	HQQQLLASPGSSTVDNK	S521	0.15790629	0.68020382	0.55688781
Q9UBH6	XPR1	YNQISLR	S668	0.99161334	0.99821088	0.99691668
P18887	XRCC1	TKPTQAAGPSSPQKPPTPEETK	T453,S447	0.30506835	1.21412804	0.6612054
Q9H0D6	XRN2	AEDSDSEPEEDNVR	S499,S501	0.69747826	1.14883122	0.87447728
Q9H0D6	XRN2	NSPGSQVANSNR	S448	0.74441082	1.09103448	0.90171553

Q8IY57	YAF2	SPPASSAASADQHSQSGSSDNTER	S136	0.05953067	0.62832282	0.47702638
P46937	YAP1	QASTDAGTAGALTPQHVR	S109	0.4875409	0.78627121	0.75953527
P67809	YBX1	NEGSESAPEGQAQQR	S176	0.06354632	0.77772829	0.47702638
P67809	YBX1	NEGSESAPEGQAQQR	S174	0.07272578	0.78585178	0.49843227
P67809	YBX1	NYQQNYQNSSEGEK	S165	0.11860702	0.55162644	0.5367708
P67809	YBX1	AADPPAENSAPAEQGGAE	S313	0.33249843	0.82323971	0.67622969
P67809	YBX1	AADPPAENSAPAEQGGAE	S314	0.34544801	0.84555354	0.68023038
P67809	YBX1	NEGSESAPEGQAQQR	S174,S176	0.52304702	1.29414152	0.77709199
P16989	YBX3	ENQQATSQGNQPSVRR	S324	0.37080567	1.26340882	0.70105255
P16989	YBX3	SPVGSQAPQAAAPAAHVAGNPGGDAAPAAATGTAAAAALATAAGSEDAEK	S38	0.42954142	1.7223054	0.73017801
P16989	YBX3	SPVGSQAPQAAAPAAHVAGNPGGDAAPAAATGTAAAAALATAAGSEDAEK	S34,S79	0.52370224	1.38661369	0.77709199
P16989	YBX3	SPVGSQAPQAAAPAAHVAGNPGGDAAPAAATGTAAAAALATAAGSEDAEK	S34	0.59113118	1.36921311	0.82284423
P16989	YBX3	ENQQATSQGNQPSVRR	S324	0.77094961	1.07114229	0.91329931
P16989	YBX3	AGEAPTENPAPPTQSSAE	S370	0.86881333	0.94239079	0.95442216
Q9H650	YTHDC2	KSSADTEFSECTTAER	T1205	0.08774632	0.6455692	0.50672665
Q9H650	YTHDC2	KSSADTEFSECTTAER	S1202	0.12315017	0.69333452	0.5389189
Q9H650	YTHDC2	VDGIPNDSSEMEDK	S1090	0.67860732	0.91085652	0.8627275
P62258	YWHAE	AAFDDAIAELDTLSEESYK	S210	0.10013797	2.19728798	0.52414255
Q9HC78	ZBTB20	DSQAEPTQPEQAAEPAEGGPQTNQLETGASSPER	S432	0.21514081	0.72497047	0.60251104
Q9ULJ3	ZBTB21	VNEHGSVPSEDNFEEGSSPTLLDADFPDSDLNK	S516	0.02151538	3.6246482	0.41830815
Q9ULJ3	ZBTB21	IQPLEPDSPTGLSENTPATEK	T1005	0.40432007	0.78514987	0.7160132
Q9ULJ3	ZBTB21	SFSASQSTDRREGASPVTEVR	S411	0.62050258	1.2031685	0.83542255
Q9ULJ3	ZBTB21	TEPSSPLDPSDIIR	S435	0.91717364	1.01611942	0.9695353
Q9ULJ3	ZBTB21	VNEHGSVPSEDNFEEGSSPTLLDADFPDSDLNK	S504	0.95436212	0.98728721	0.98367301
Q9H5J0	ZBTB3	VEAIVISDEETDVSDEQPQGER	S362	0.17258468	0.82207071	0.85651687
Q9NUA8	ZBTB40	AETEEAAHSVQEMSVNSPTAQESQR	S190	0.08711226	0.67222048	0.50672665
O95365	ZBTB7A	GGAPDPSPGATATPGAPAQSSPDAR	S526	0.3418544	0.75353411	0.6785859
O95365	ZBTB7A	AGAAAAGDSDEESRADDK	S337	0.36505495	4.05906951	0.69618384
O95365	ZBTB7A	GGAPDPSPGATATPGAPAQSSPDAR	S525	0.46812543	0.79287562	0.74813177
O95365	ZBTB7A	DEDEDEDVSPDGLGR	S549	0.49908447	0.94275802	0.76461161
O95365	ZBTB7A	HFKDEDEDEDVSPDGLGR	S549	0.63349	1.19770445	0.84223531
O75152	ZC3H11A	VESSENVSPTHPPVVINAADDEDDDDQFSEEGDETK	S171	0.36904595	1.23575811	0.70065836
O75152	ZC3H11A	VQQSESSTSPSQHEATPGAR	S495	0.39444504	0.90524513	0.71403973
O75152	ZC3H11A	RLSSASTGKPLSVEDDFEK	S758,S759	0.45918093	0.70891567	0.74160036
O75152	ZC3H11A	RLSSASTGKPLSVEDDFEK	S758,S761	0.496623	0.86645786	0.76446134
O75152	ZC3H11A	RLSSASTGKPLSVEDDFEK	S761	0.7233877	1.14345638	0.89157396
Q5T200	ZC3H13	GNIETSEDGQVFSFK	S993	0.1683234	0.58139535	0.56312413
Q5T200	ZC3H13	LISDSVER	S1364	0.18905783	0.56015943	0.57509931
Q5T200	ZC3H13	KEVSPVVR	S198	0.35037105	8.58078217	0.68418829
Q5T200	ZC3H13	TSAVSSPLDQQR	S242	0.45957573	1.08650875	0.74160036
Q5T200	ZC3H13	SERTSELEGDESK	S1438	0.57525549	1.19000511	0.81432655
Q5T200	ZC3H13	GPRTPSPPPPEDIAIGK	T263,S265	0.60034186	0.90085288	0.8258728
Q5T200	ZC3H13	SLSPSHLTDR	S877	0.78619718	1.04029584	0.92039443
Q6PJ7	ZC3H14	NGDECAYHHHPISPK	S620	0.70255677	0.92230576	0.87693402
Q6PJ7	ZC3H14	DLVQDPKPAASK	S515	0.81494717	0.97765118	0.92952506
Q8WU90	ZC3H15	AENGERSDLEEDNER	S381	0.35163593	0.69615647	0.68418829
Q86VM9	ZC3H18	DSGSDQDLGAGVRASDLEDEESAAR	S46	0.01011633	0.71632048	0.37254089
Q86VM9	ZC3H18	GPSQEEEDNHSDEEDRASEPK	S67	0.07173936	0.80845709	0.49571338
Q86VM9	ZC3H18	GPSQEEEDNHSDEEDRASEPK	S67,S74	0.15995164	0.79769033	0.55746307
Q86VM9	ZC3H18	SQDQDSEVNELSR	S78	0.43970555	0.78984933	0.7347627
Q86VM9	ZC3H18	ASDLEDEESAAR	S46	0.46682593	0.73865815	0.74744236
Q86VM9	ZC3H18	TSDLRDEASSVTR	S118	0.61398893	0.86950294	0.83347439
Q86VM9	ZC3H18	GPTSSPCEEDEGEEDR	S95	0.71710858	0.90338009	0.88806482
Q86VM9	ZC3H18	LGVSVSPSR	S534	0.73594279	1.03262072	0.8976557
Q86VM9	ZC3H18	KLGVSVSPSR	S532,S534	0.75918716	0.88779341	0.90862076
Q86VM9	ZC3H18	SQDQDSEVNELSR	S83	0.83329268	0.96882879	0.93848641
Q9UPT8	ZC3H4	ALPTSKPEGLSHSSVPGPSSK	S904,S907	0.10435501	0.64824046	0.52476522
Q9UPT8	ZC3H4	TGSGSPFAGNSPAREGEQDAASLK	S1269,S1275	0.32891377	1.21266491	0.67347148
Q9UPT8	ZC3H4	TGSGSPFAGNSPAREGEQDAASLK	T1265,S1275	0.39975482	1.28171701	0.7160132
Q9UPT8	ZC3H4	TGSGSPFAGNSPAR	S1269,S1275	0.62488807	0.90978677	0.8384421
Q7Z2W4	ZC3HAV1	ASLEDAPVDLSTR	S284	0.1166526	0.51781911	0.53343618
Q7Z2W4	ZC3HAV1	SCTPSPDQISHR	T273,S275	0.15483846	0.61255995	0.55688781
Q7Z2W4	ZC3HAV1	TVFSPTLPAAR	S378	0.49103526	0.72504518	0.76263004
Q86WB0	ZC3HC1	SWDSSSPVDRPEPEEASPTTR	S359,S370	0.03545097	0.52534965	0.43874459
Q86WB0	ZC3HC1	DTSATSQVNSGQAQPSLESTSK	S62	0.03751399	1.34610023	0.44815912
Q86WB0	ZC3HC1	SWDSSSPVDRPEPEEASPTTR	S359	0.05316483	0.78437095	0.46689115
Q86WB0	ZC3HC1	SQDATFSPGSEQAEK	S335	0.14783434	0.79401833	0.55352644
Q86WB0	ZC3HC1	TRSWDSSSPVDRPEPEEASPTTR	S354	0.23730888	1.43403257	0.6080317
Q86WB0	ZC3HC1	SMGTGDTPLGLEVPSSPLRK	S395	0.91140455	1.06455776	0.9669909
Q5VYS8	ZCCHC6	NSPVDQSDFFYEFK	S939	0.2012994	1.51874546	0.582095
Q5VYS8	ZCCHC6	KDSFQENEDGYR	S132	0.27174115	0.85735586	0.6366507
Q6NZY4	ZCCHC8	SEAGHASSPDSEVTSCLQK	S598	0.18746618	1.26487252	0.57474321
Q9NUE0	ZDHHHC18	DCEVQQISPGAAPLSPGAR	S19	0.14934001	0.692031	0.55363509
Q9COB5	ZDHHHC5	GVGSEPEGPATAPYLGR	S621	0.26785391	0.83292486	0.63502787
Q9COB5	ZDHHHC5	GDSLKEPTSAIESSR	S380	0.86673234	0.93494823	0.95368249
P37275	ZEB1	NNDQPQSANANEPQDSTVNLQSPK	S679	0.01786404	0.59197201	0.41830815
O60293	ZFC3H1	LDSSPVSSPR	S949	0.15098925	0.73410729	0.55675266
Q96KR1	ZFR	RDSGDVGDGFEAEK	S1054	0.17700992	0.7324269	0.56898248
Q96K21	ZFYVE19	LPDSDDEDEETAIQR	S354	0.69371061	1.07105416	0.87209451
Q9H1K0	ZFYVE20	TRSLDFR	S548	0.09424238	1.48655268	0.51670111
Q9UKY1	ZHX1	EEAGTSPADESAPK	S648	0.66603666	0.9226702	0.85814824

Q14202	ZMYM3	TGSPGPELLFHGGQK	S464	0.12730404	0.70144989	0.5403576
Q5VZL5	ZMYM4	VTQHESDNENIEIQNK	S122	0.1722378	0.92469532	0.56561687
Q5VZL5	ZMYM4	VTQHESDNENIEIQNK	T118	0.23275964	0.78106332	0.6080317
Q5VZL5	ZMYM4	RVTQHESDNENIEIQNK	S122	0.76975881	1.07627999	0.91329931
Q9H2Y7	ZNF106	ELSTSPCNPIVR	S641	0.05314744	0.58761867	0.46689115
Q9H2Y7	ZNF106	EPHSPADQPEQQAESTLTSATR	S1328	0.4790103	0.88492786	0.75541886
Q9UQR1	ZNF148	GGLLTSEEDSGFSTSPK	S306	0.00846621	0.72131822	0.35749468
O15231	ZNF185	GGQGDPAVPTQQPADPSTPEQQNSPSGSEQFVR	T513,S519	0.22552645	0.73533007	0.6080317
O15231	ZNF185	RESCGSSVLTDFEGK	S465	0.31411958	1.14189514	0.66321511
O15231	ZNF185	RSSTSGDEEEEEEEVVPFSSDEQK	T158	0.40307409	1.11714564	0.7160132
O15231	ZNF185	GGQGDPAVPTQQPADPSTPEQQNSPSGSEQFVR	S519	0.40555382	0.73774168	0.7160132
O15231	ZNF185	GGQGDPAVPAQQPADPSTPER	T447	0.51268883	0.88573376	0.77273537
O15231	ZNF185	GGQGDPAVPAQQPADPSTPERQSSPSGSEQLVR	S446,S453	0.62580577	0.8868185	0.8387339
O15231	ZNF185	RSSTSGDEEEEEEEVVPFSSDEQK	S152,S153	0.65054504	0.89893211	0.84963106
O15231	ZNF185	QSSPSGSEQLVR	S453	0.84769884	0.96695887	0.9453218
O15231	ZNF185	RESCGSSVLTDFEGK	S468	0.8802514	1.01936799	0.95724213
O15231	ZNF185	GGQGDPAVPTQQPADPSTPEQQNSPSGSEQFVR	T513	0.9405818	1.02677731	0.97922223
O75362	ZNF217	AGAESPTMSVDGR	S407	0.55188802	0.91592659	0.79722272
Q8ND82	ZNF280C	SEPHSPGIPEIFR	S80	0.46297183	0.77296621	0.74438607
Q5VUA4	ZNF318	LGSPVDNLEDMDRDLTDDSVFTR	S173	0.40267006	1.62219453	0.7160132
Q5BKZ1	ZNF326	GENPFEIQDHSQQIEGDEEDEEK	S478	0.07105722	1.32943677	0.49571338
Q9H4Z2	ZNF335	THCVGDSQSSASSPPATSK	S992	0.60329349	0.94438157	0.82778596
Q9NWS9	ZNF446	TEEPLGSPHPSGTVESPGEGPQDTR	S137	0.31803872	1.18320838	0.66720337
Q9NWS9	ZNF446	TEEPLGSPHPSGTVESPGEGPQDTR	S137,S146	0.32851264	1.21402586	0.67305029
Q8N8L2	ZNF491	LISFR	S257	0.41978474	0.69019464	0.72466666
Q8TCN5	ZNF507	LSPTSNTSYSLEK	S884	0.13449488	0.79165278	0.5475768
Q8N815	ZNF511	SPASAEAPGDSGERSEGEAMEICSEPVAASPAPAGER	S199	0.44452874	0.72851021	0.73811209
Q96KM6	ZNF512B	SEHTAPPPPEPTDKSPEADPLGVER	S665	0.75587601	1.09150025	0.90833103
Q8N8E2	ZNF513	DSEGLSLGARPGPLPYGLSDDES GGGR	S85	0.12648403	1.69389517	0.5403576
Q9HCE3	ZNF532	AADKSPESQNLIDGTK	S314	0.45119115	1.1829513	0.73811209
Q8NAF0	ZNF579	ESESEAEAGAELR	S196	0.29068668	0.57937721	0.65205353
Q92610	ZNF592	RLGAPAPEDDGGHNDHSQPQASQDQDSHTLSPQV	S1264	0.85816056	1.04810592	0.95032314
Q92610	ZNF592	LLGAPAPEDDGGHNDHSQPQASQDQDSHTLSPQV	S1264	0.90767781	1.03953682	0.96679277
O15014	ZNF609	TNSMGSATGPLPGTK	S467	0.03595948	0.63252675	0.43916474
O15014	ZNF609	RGSQNSSEHRPPASSTSEDVK	S413	0.14598513	0.81207675	0.55352644
O15014	ZNF609	NCPSPVLIDCPHPNCNK	S491	0.2519021	0.72514383	0.61962985
O15014	ZNF609	LVEPHSPSPSSK	S576	0.34533945	0.84289618	0.68023038
Q14966	ZNF638	QSSVTQVTEQSPK	S128	0.03793969	0.73766373	0.44815912
Q8N1G0	ZNF687	QESCSPHHPQVLAQQGSGSSPK	S242,S227	0.1627455	0.73621228	0.55797736
Q9H5H4	ZNF768	SPGLVPPSPPEFAPR	S90,S97	0.29435605	0.71591343	0.6555018
Q9H5H4	ZNF768	FEPESPGFESR	S83	0.36153437	0.93113343	0.692567
Q9H5H4	ZNF768	YEPQSPGYEPR	S125	0.41805389	0.86783285	0.72427252
O95218	ZRANB2	ENVEYIEREESDGEYDFGR	S120	0.05004964	1.23741475	0.45652016
O95218	ZRANB2	YNLDASEEDSNKK	S188	0.10907619	1.29638702	0.53337143
O95218	ZRANB2	YNLDASEEDSNK	S188	0.81061823	1.03306452	0.92741413
O95218	ZRANB2	EVEDKESEGEEDDEDLSK	S153	0.94555072	1.01268882	0.98175359
Q15696	ZRSR2	DIYLSPDR	S349	0.77049438	1.05334941	0.91329931
A7E2V4	ZSWIM8	GWGSPGRPK	S1130	0.47584272	1.17096093	0.75249201
Q15942	ZYX	FSPGAPGSGSQPNQK	S281	0.00298909	0.55732484	0.27314524
Q15942	ZYX	SPGAPGPLTLK	S344	0.40522888	0.78573467	0.7160132
O43149	ZZEF1	GDREEVERPVSSPGDPEQK	S2443	0.91017619	0.98343232	0.9669909
Q8IYH5	ZZZ3	QTEPVSPVLK	S113	0.04486078	0.37579748	0.45441331

### H358 Cell Line, Treated with DMSO vs. 20uM TRC-794 for 12hrs

Protein Uniprot ID for the parent protein  
 Gene HUGO gene name for the parent protein  
 Peptide identified phosphopeptide fragment  
 Phosphosite(s) specific phosphorylated residues from the peptide  
 p p-value (unadjusted) from Welch's 2-tailed t-test  
 FC mean fold change: TRC-794/DMSO  
 p.adj p-value adjusted for multiple hypothesis testing using the Benjamini-Hochberg method

Protein	Gene	Peptide	Phosphosite(s)	p	FC	p.adj
Q9NRG9	AAAS	FSPVLGR	S495	0.05395731	1.28095537	0.44632378
Q2M2I8	AAK1	VGSLTPSSPK	T620,S624	0.18761363	1.26357119	0.56058734
Q9NY61	AATF	AGDRNSEDGVMVMTFSSVK	S203	0.21222678	0.48407789	0.57824627
O15439	ABCC4	DNEESEQPPVGPPTLR	T646	0.62509164	0.9486748	0.82174981
Q8NE71	ABCF1	KAEQSEEEEGEGEEEEEGGESK	S228	0.09791702	1.13125536	0.5018786
Q8NE71	ABCF1	QQPPEPEWIGDGESTSPSDK	T21	0.16463782	1.18337596	0.54196083
Q8NE71	ABCF1	NQDEESQEAPELLK	S595	0.36515193	1.64454194	0.67336704
Q8NE71	ABCF1	AVSEEQPALK	S166	0.43202417	1.11360634	0.71692899
Q8NE71	ABCF1	QQPPEPEWIGDGESTSPSDK	S22	0.69387531	0.93215587	0.85860808
Q8NE71	ABCF1	AEQSEEEEGEGEEEEEGGESK	S228	0.9916003	0.99728584	0.99498584
Q9NYB9	ABI2	NMAPSQQSPVR	S227	0.69449641	1.06536585	0.85873722
P00519	ABL1	GQGESDPLDHEPAVSPLLPR	S569	0.40067984	0.8486206	0.69644028
P42684	ABL2	DKSPSSLLEDAK	S631	0.13057063	1.40644368	0.5125107
P42684	ABL2	SNSTSSMSSGLPEQDR	S781	0.4047329	0.8828091	0.6993632
P42684	ABL2	SPSSLLEDAK	S631	0.86696547	0.98671391	0.94208744
O14639	ABLIM1	TLSPTSAEGYQDVR	S431	0.32804971	1.06654595	0.648461
O14639	ABLIM1	SSGREEDDEELLR	S587	0.61771622	0.95353749	0.81837121
O94929	ABLIM3	QGMSPTFSR	S388	0.21532571	1.20284698	0.58136831
O94929	ABLIM3	ASSPGYIDSPITYSR	S372	0.96333835	0.995637	0.98250904
Q13085	ACACA	SSMSGHLHLVK	S80	0.70099716	1.08191882	0.86274503
Q96AP0	ACD	ELILGETPSSPR	S111	0.15875155	0.74212531	0.54012266
Q9UKV3	ACIN1	TTSPLLEEEER	S365	0.06235163	1.15896188	0.45817252
Q9UKV3	ACIN1	GVPAGNSDTEGGQPR	S838	0.08976728	1.21212121	0.4960359
Q9UKV3	ACIN1	GVPAGNSDTEGGQPR	S838	0.10985231	1.8159055	0.51002233
Q9UKV3	ACIN1	ASLVALPEQTASEEETPPPLTK	S410	0.67603546	0.85648498	0.85001908
Q9UKV3	ACIN1	LSEGSQAEEEEEDQETPSR	S240	0.72315121	0.94621888	0.87410666
Q9UKV3	ACIN1	LSEGSQAEEEEEDQETPSR	S243	0.75892817	0.9601108	0.88966056
Q9UKV3	ACIN1	TAQVPSPRR	S1004	0.88316848	0.98709514	0.94748969
Q9UKV3	ACIN1	SLSPGVSR	S657	0.92707542	0.98915401	0.96756561
Q9NR19	ACSS2	SWSPPPEVSR	S30	0.0981322	1.27390091	0.5018786
P60709	ACTB	SYELPDGQVITIGNER	S239	0.15694321	0.61587376	0.53741649
O43707	ACTN4	FAIQDISVEETSAK	S159	0.67714736	0.92488381	0.8501977
P78536	ADAM17	SFEDLDHPVTR	S791	0.96223125	1.00691324	0.98250904
Q13443	ADAM9	HVSPVTPPR	T761,S758	0.17011418	0.86065528	0.54531589
Q13443	ADAM9	HVSPVTPPR	T761	0.94861377	0.99125993	0.9788835
P55265	ADAR	TAESQTPPTSATSFSGK	T601	0.82557145	1.06816293	0.92458845
P35611	ADD1	EEEEAHRPPSPTAETASPEAPDPAPVAEEAAPSVEEAAADPGSDGSPGK	S669,S710	0.29063528	0.54464137	0.62187612
P35611	ADD1	EEEEAHRPPSPTAETASPEAPDPAPVAEEAAPSVEEAAADPGSDGSPGK	S678	0.49340097	0.72277469	0.74837624
P35611	ADD1	SPGSPVGEETGSPPK	S358	0.85804744	0.98630819	0.93832578
Q9UEY8	ADD3	IEEVLSPFEGSPSK	S673	0.12335929	0.76105439	0.5125107
Q9H2P0	ADNP	LMHNASDSEVDQDDVVEWK	S955	0.43867648	0.71759731	0.71992276
P35368	ADRA18	HDSGPLFTFK	S470	0.00487358	0.76500495	0.29204389
P07550	ADRB2	FHVQNLQVEQDGR	S246	0.13788184	0.43238796	0.52409548
Q6ZNI8	AEBP2	RGSLEMSSDGEPLSR	S206	0.3033714	0.89112534	0.63144863
Q8N556	AFAP1	SGTSSPQSPVFR	S668	0.03837089	0.8506545	0.43108921
Q8N556	AFAP1	LSSERPSSDGEVVENGITTGNK	S282	0.13088423	0.52886683	0.5125107
Q8N556	AFAP1	TLENSPISCDTSDTEGVPVNSAAVLK	S687	0.14402979	0.62034631	0.52860081
Q8N556	AFAP1	KLSSERPSSDGEVVENGITTGNK	S277,S283	0.67765366	0.94279508	0.85029587
Q8N556	AFAP1	EAYSGCSGPVDSCECPSPSPVHK	S264	0.84383796	1.026534	0.93162946
Q9UHB7	AFF4	VSPASSVDSNIPSSQGYK	S487	0.06552199	1.19522692	0.46184181
Q9UHB7	AFF4	MFSPMEEK	S694	0.20321367	1.19701739	0.57104287
Q9UKV8	AGO2	SASFNTDPYVR	S387	0.0102471	0.77384924	0.34797246
Q8WYP5	AHCTF1	ISFVEEDVHPK	S1232	0.02543274	0.58060819	0.4040435
Q8WYP5	AHCTF1	TTSFFLNSPEK	S1283	0.17430119	0.84694628	0.54804644
Q8WYP5	AHCTF1	EVSPSDVR	S1944	0.20874677	1.17453184	0.57425546
Q8WYP5	AHCTF1	SPLYLVS	S1142	0.64700461	0.95859286	0.83289579
Q8WYP5	AHCTF1	EHQEMDEGQSLSLEK	S1297	0.94723479	1.01205409	0.9788835
Q5TGY3	AHDC1	AYSPTCSPTLGFK	S1399,S1403	0.17672382	0.78374125	0.55136011
Q5TGY3	AHDC1	LASQPQSYAADANDSK	S596	0.37477336	1.11964874	0.67596613
Q5TGY3	AHDC1	ANSEASSSEGQSLSLSLEK	S1187	0.40889407	0.84035656	0.70127181
Q09666	AHNAK	GSEVGFHGAAPDISVK	S5530	0.00420646	0.37539283	0.29204389
Q09666	AHNAK	FSMPSLK	S1010	0.00686588	0.34566303	0.31708848
Q09666	AHNAK	GDLASVPSMK	S5321	0.00695946	0.29482909	0.31708848
Q09666	AHNAK	FGTFGGGLGSK	T5824	0.01187929	0.45315026	0.3634964
Q09666	AHNAK	LPSGSGAASPTGSAVDIR	S216,S220	0.01350001	0.57058824	0.36591793
Q09666	AHNAK	FGTFGGGLGSK	S5830	0.01556514	0.55044436	0.36631449
Q09666	AHNAK	LSGPSLK	S4903	0.02480718	0.34718774	0.4040435
Q09666	AHNAK	MPEMSIK	S1445	0.03913525	0.39589789	0.43108921
Q09666	AHNAK	GGVTGSPASISGSK	S5731	0.04676932	1.28168421	0.44612288
Q09666	AHNAK	LQSGVSLASK	S5857	0.07373466	0.58917127	0.47009491
Q09666	AHNAK	VDIDTPDIHIGPEGK	T4100	0.08326831	0.30289011	0.49288727

Q09666	AHNAK	FSLFK	S5769	0.09008919	0.24793306	0.4960359
Q09666	AHNAK	MPSLEISAPK	S4908	0.09940523	1.48313099	0.5018786
Q09666	AHNAK	LQGGVSLASK	S5854,S5857	0.11592778	0.67300434	0.51002233
Q09666	AHNAK	ASLGSLEGEAEAEASSPK	S5763	0.12443009	0.71648794	0.5125107
Q09666	AHNAK	ISMSEVDLNVAAAPK	S570	0.12619237	0.61532698	0.5125107
Q09666	AHNAK	MPSMNIQTHK	S1571	0.13825333	0.48054958	0.52409548
Q09666	AHNAK	ASLGSLEGEAEAEASSPK	S5749	0.16659077	0.58970787	0.54308896
Q09666	AHNAK	SEDDVGEVGLGETQSR	S135	0.27370114	0.85645356	0.60684527
Q09666	AHNAK	ASLGSLEGEAEAEASSPK	S5752,S5763	0.28078355	0.74438833	0.61494075
Q09666	AHNAK	LKSEDDVGEVGLGETQSR	S135	0.31981542	1.25307557	0.64042491
Q09666	AHNAK	LPSGSGAASPTGSAVDIR	S210	0.35382439	1.44280955	0.66702539
Q09666	AHNAK	AEAPLPSPK	S5110	0.38634667	0.87366694	0.68181311
Q09666	AHNAK	ASLGSLEGEAEAEASSPK	S5752	0.42649294	0.73221757	0.7137923
Q09666	AHNAK	GHYEVTGSDDDETQK	S5841	0.46873384	0.94450736	0.73231082
Q09666	AHNAK	ADIDVSGPK	S1286	0.47012983	0.87473666	0.73338435
Q09666	AHNAK	ISMQDVLDSLGSPPK	S511	0.51639107	0.84753655	0.75941066
Q09666	AHNAK	LPSGSGAASPTGSAVDIR	S216	0.54606037	1.19701727	0.77473905
Q09666	AHNAK	DDGVFVQEVTVQNSPAAR	S41	0.56935477	0.8568521	0.79101571
Q09666	AHNAK	ADLDVSGPK	S3054	0.72178921	0.94396568	0.87405855
Q09666	AHNAK	APSLDIK	S3326	0.74150961	0.88800508	0.88204647
Q09666	AHNAK	LPSGSGAASPTGSAVDIR	S210,S216	0.80877067	0.97119581	0.91703842
Q09666	AHNAK	GDRSPEPGQWTWR	S93	0.95041589	1.00631048	0.97916383
Q8IVF2	AHNAK2	LSTSGFEWSSK	S4642	0.03037572	0.57279679	0.40879194
Q8IVF2	AHNAK2	ERLSWPK	S260	0.11698782	1.23502825	0.51002233
Q8IVF2	AHNAK2	SKSTEDGAELEEQK	S5712	0.26978456	1.53222077	0.60403212
Q8IVF2	AHNAK2	VDMPSFK	S1913	0.35883759	0.80669273	0.66991323
Q8IVF2	AHNAK2	VEMPSPK	S923	0.37219259	0.83532764	0.67479745
Q8IVF2	AHNAK2	SKSTEDGAELEEQK	S5714	0.43239647	1.23097583	0.7171779
Q8IVF2	AHNAK2	LPEGPLPEGASLK	S753	0.54875358	0.90960934	0.77746116
Q8IVF2	AHNAK2	DAHDVSPSTSDTEAQLTVER	S294	0.59750746	0.88727273	0.80755237
Q8IVF2	AHNAK2	LQMPSPK	S1418	0.64648791	0.91088627	0.83256287
Q8IVF2	AHNAK2	LPEGPVPEGASLK	S4046	0.7699722	0.92855619	0.89575562
Q8IVF2	AHNAK2	MPSFGVSAPGK	S842	0.84557113	0.91496541	0.93222923
Q8IVF2	AHNAK2	SMEDSVDVSAPK	S851	0.89723371	0.95336053	0.95621934
P02765	AHSG	CDSPDASAEDVRK	S138	0.77309873	1.0521959	0.89906867
Q9Y4K1	AIM1	STDSPGADAELPESAAR	T20	0.46366254	1.06701415	0.72929075
Q9Y4K1	AIM1	DTCVQSPISFPCTDLK	S484	0.91827785	0.97591743	0.96556856
Q96IF1	AJUBA	HSVTGYGDCAVGAR	S263	0.0161345	0.47536315	0.36631449
Q96IF1	AJUBA	LEPTAPALSPR	S119	0.87710207	0.98287293	0.94565946
Q92667	AKAP1	SIPLECLSPSK	S151	0.33191028	0.83402467	0.65329016
Q92667	AKAP1	SESSGILPNTTDMR	S107	0.48012371	1.14268538	1.74052465
Q9UKA4	AKAP11	SFSEDFVQSVK	S18	0.06991817	0.59166217	0.4637455
Q9UKA4	AKAP11	EDSLFSPR	S448	0.24386555	0.77652322	0.58932994
Q9UKA4	AKAP11	SVSPTFLNPSDENLK	S1242	0.51824123	0.91787745	0.76061048
Q02952	AKAP12	SAESPTSPVTSETGTFK	S286	0.01672662	1.44600939	0.36631449
Q12802	AKAP13	DMAECSTPLPEDCSPTHSPR	T2400	0.01927316	1.24461207	0.37230658
Q12802	AKAP13	SLSRPSSLIEQEK	S2563	0.09893178	0.57024615	0.5018786
Q12802	AKAP13	SLSPFR	S1559	0.1126926	0.82712726	0.51002233
Q12802	AKAP13	SGSLDSELSVSPK	S2728	0.27823581	0.85102587	0.61249442
Q12802	AKAP13	QSPCECNFLDVLGLGR	S1411	0.31820471	0.76040187	0.6389963
Q12802	AKAP13	DEDEGIPSENEEK	S2345	0.49737294	0.87531486	0.74981346
Q9Y2D5	AKAP2	TLSMIEEIR	S720	0.08941783	0.50237632	0.4960359
Q9Y2D5	AKAP2	SPGALETPSAAGSQGNTASQGK	S393	0.51511499	1.03834116	0.75905552
Q9Y2D5	AKAP2	QVLQSTQSPR	S748	0.61560357	0.89209165	0.81725808
Q9Y2D5	AKAP2	DALGDLSLQVPVSPSTSSR	S152	0.6373914	1.0787234	0.82979203
Q9Y2D5	AKAP2	QAPPHIELSNSSPDMAEAEAR	S121	0.69331738	0.9655706	0.85860808
O43823	AKAP8	SGDEEFKGEDELCDGR	S339	0.60997168	1.09145674	0.81484419
Q96B36	AKT1S1	LNTSDFQK	T246	0.04491317	0.68057482	0.44308883
Q96B36	AKT1S1	SSDEENGPPSSPDLDR	S212	0.54731525	1.02172524	0.77610505
P04075	ALDOA	GILAADESTGSIK	S36	0.16164624	1.19017431	0.54196083
P04075	ALDOA	GILAADESTGSIK	S39	0.66921512	1.0501139	0.84629085
Q92685	ALG3	SGSAAQAEGLCK	S13	0.29026646	1.2249467	0.62187612
Q6P6C2	ALKBH5	SYESSEDCEAAGSPAR	S371	0.05844726	1.33861386	0.45298462
Q6P6C2	ALKBH5	RGFSSENYWR	S361	0.16452468	0.86771845	0.54196083
Q6P6C2	ALKBH5	GSFSSENYWR	S361	0.17384743	0.77350051	0.54778823
Q6P6C2	ALKBH5	SYESSEDCEAAGSPAR	S375	0.17845341	0.52485228	0.55295852
Q6P6C2	ALKBH5	YQEDSDPERSDYEQLQK	S64	0.83753255	0.94922737	0.9284811
Q6P6C2	ALKBH5	SYESSEDCEAAGSPAR	S384	0.85860702	0.96340038	0.93861953
Q9C0C7	AMBRA1	LELSSASPQEER	S639	0.06846238	0.72347443	0.4637455
Q9C0C7	AMBRA1	SSQTGTEPGAHTSSPQPSTSR	S1205	0.14113556	0.74721167	0.52770768
Q9UKV5	AMFR	SDSIRPALNSPVERPSSDQEEGETSAQTER	S523	0.0471011	0.6569378	0.44612288
Q9UKV5	AMFR	VPLDLSR	S542	0.89555863	0.97123162	0.95506517
Q9Y4X0	AMMECR1	LSSPPSGSGGGGASSSSHCSGSEQCR	S16	0.50468436	1.04456094	0.75314323
Q9Y2J4	AMOTL2	QAGAPGGSSGSGSPALSALR	S540	0.85773069	1.00794281	0.93829746
Q12955	ANK3	IHGSGHVEEPASPLAAYQK	S4298	0.69888161	0.86332662	0.86250653
Q6UB98	ANKRD12	DNSPDSTPNHPSQTTPAQK	S149	0.26209338	1.13514416	0.60088416
Q6UB98	ANKRD12	IKDEDHSPTEFNSDCTLK	S630	0.80239156	1.05973958	0.91398245
O75179	ANKRD17	SDNHSPAIVTTVSSK	S1635	0.07975435	0.62547816	0.48728698
O75179	ANKRD17	NSPLDCGSASPNK	S2067	0.24930394	0.86814621	0.59442315
O75179	ANKRD17	EHYPVSSPSPSPAQPGGVSR	S2045,S2047	0.37811584	0.76008635	0.67666227
Q92625	ANKS1A	SDSLLTCSPTEDATMGSR	S626	0.00772527	1.34124294	0.31950916



Q92625	ANKS1A	SDSLLTCSPTEDATMGSR	S634	0.52629265	0.90852676	0.76512848
Q9H8Y5	ANKZF1	EALGQNEESPK	S398	0.34708695	0.880555	0.66293814
Q9NQW6	ANLN	RCSDNTEVEVSNLENK	T75	0.05009411	0.61588745	0.44612288
Q9NQW6	ANLN	TPISPLK	S323	0.12069989	0.77872082	0.51002233
Q9NQW6	ANLN	QNSVQEQPGTACLK	S225	0.12565933	0.44075757	0.5125107
Q9NQW6	ANLN	QLPSEASNQPLSGGEEK	S54	0.16213857	0.83622126	0.54196083
Q9NQW6	ANLN	ASPOQSEFMPSK	S792	0.82192989	0.95451591	0.92458845
P07355	ANXA2	LSLEGDHSTPPSAYGSVK	S26	0.02966956	0.40863592	0.40811311
P07355	ANXA2	LSLEGDHSTPPSAYGSVK	Y24	0.58768429	1.07277397	0.80197527
P07355	ANXA2	LSLEGDHSTPPSAYGSVK	T19	0.90096146	1.03732727	0.95772102
P61966	AP1S1	AIEQADLLQEEDESPR	S147	0.18912493	1.35889795	0.56335829
O00203	AP3B1	NFYESDDQK	S276	0.03588076	1.35437654	0.42091393
O14617	AP3D1	HRPSEADEEELAR	S658	0.48740063	0.88745981	0.74374863
Q02410	APBA1	SNSQENVEASHPSQDGK	S568	0.0680277	1.25500687	0.4637455
O96018	APBA3	SPSGPAMDLLEGPR	S11	0.98565937	1.00237457	0.99242732
Q92870	APBB2	GSLSSVTPSPTENEK	S334	0.01500726	2.09971144	0.36631449
Q92870	APBB2	NAPHDDDDSCSINSDPEAK	S412	0.36818425	1.08920188	0.67368198
P25054	APC	QASSDSDSILSLK	S2129	0.44139437	0.93284665	0.72100919
P25054	APC	SKTPPPPPQTAQTK	T1438	0.94555878	1.00594101	0.97862451
P13798	APEH	ALDVASASDEIAR	S187	0.73603184	1.0336063	0.87923537
Q9HDC9	APMAP	RPLRPQVVTDDGQAPEAK	T19	0.06046217	0.76417015	0.45466424
Q8WWN8	ARAP3	SLDQPFLSK	S1444	0.22643014	1.11559889	0.58267075
O15033	AREL1	RPSTAVDEEDEDSPSECHTEPK	S337	0.31515666	1.14608073	0.63800725
P84077	ARF1	LGLHSLR	S147	0.02039819	1.35825606	0.37949754
P18085	ARF4	LGLQSLR	S147	0.01383819	1.65033969	0.36591793
Q8N6T3	ARFGAP1	SPSSDSWTCADTSTER	S343	3.45E-05	2.38634659	0.0556485
Q8N6H7	ARFGAP2	AISSDMFFGR	S432	0.53053427	1.167751	0.76679083
Q8N6H7	ARFGAP2	DNPFSLGESFGSR	S368	0.87839384	1.01368421	0.94568481
Q9NP61	ARFGAP3	AISSDMYFGR	S428	0.29838888	1.12360362	0.6258794
Q9Y6D6	ARFGEF1	LSVSNDDTQESGNSGSPGAK	S396	0.50207575	0.92410523	0.75168596
Q9Y6D6	ARFGEF1	SVDIHDSIQPR	S1569	0.64083257	1.06724512	0.83055345
Q9Y6D5	ARFGEF2	GSSLSGTDDGAQEVVK	S276	0.93119546	1.00512517	0.96968952
P53367	ARFIP1	NSAAEIPVTSNGEVDDREHSFNR	S24	0.02312338	1.53087757	0.39017457
P53367	ARFIP1	KWSLNTYK	S132	0.02801281	1.45796241	0.40710444
P53367	ARFIP1	WLSLNTYK	S132	0.19448916	1.26813147	0.56554204
Q07960	ARHGAP1	SSPPELVTHLK	S51	0.07489582	0.8167377	0.47168775
Q6P4F7	ARHGAP11A	INSLLEYSR	S847	0.68072149	0.91203411	0.85149574
Q6P4F7	ARHGAP11A	SVSCDGALSSCIESASK	S875	0.75889844	0.85181239	0.88966056
Q8IWW6	ARHGAP12	ATTPPNQGRPDSPVYANLQELK	T231,S240	0.45397672	0.8840505	0.72537341
Q8IWW6	ARHGAP12	TSFSQEQSCDSAGEGSR	S201	0.85597084	0.93860621	0.93732584
Q6ZUM4	ARHGAP27	SSQDGDTPAQASPPPEEK	S466	0.54065382	0.91265398	0.7718622
Q52LW3	ARHGAP29	RSSDSYPLAPVR	S1144	0.03808806	0.62301853	0.43108921
Q52LW3	ARHGAP29	LLLASPPNER	S1029	0.04291738	0.79090909	0.44128756
Q52LW3	ARHGAP29	EPPSPSETGPNLSLGTK	S589	0.14179007	0.72752147	0.52817885
Q52LW3	ARHGAP29	IEEDRCSNSADITGPSFIR	S521	0.15377484	0.60774142	0.53741649
Q52LW3	ARHGAP29	AEHEHLSGGLAK	S357	0.39659156	1.39359699	0.69247075
Q52LW3	ARHGAP29	SLFFSSK	S930	0.47183305	0.89933871	0.73426599
A7KAX9	ARHGAP32	DAETGSSQCQTPGSTASSEPVSPLEK	S856	0.05358919	1.18682022	0.44612288
A7KAX9	ARHGAP32	SEESLTLHAVDGDGSK	S706	0.44375005	0.94365139	0.72238826
Q9NRY4	ARHGAP35	NSLSDPNIDR	S589	0.19699452	0.82150538	0.56846559
Q9NRY4	ARHGAP35	TSFSVGSDDDELGPPIR	S1179	0.42073829	0.87907237	0.70988583
Q9NRY4	ARHGAP35	AQSNNGSNGSDSEMDTSSLER	S1134	0.53860708	1.12749917	0.77155703
Q9C0H5	ARHGAP39	KPSSETDIENWASK	S690	0.01342941	1.32539142	0.36591793
Q13017	ARHGAP5	GGIDNPAITSDQELDDK	S1218	0.09070021	0.8501565	0.49699004
Q13017	ARHGAP5	HRGSEEDPLSPVETWK	S1195	0.16672838	0.46992673	0.54308896
Q13017	ARHGAP5	ESTHQSEDVFLPSR	S968	0.5011814	0.89545673	0.75168596
Q13017	ARHGAP5	GSEEDPLSPVETWK	S1202	0.50681449	0.96320612	0.75314323
Q13017	ARHGAP5	GGIDNPAITSDQELDDK	S1218	0.81510988	1.04050992	0.91990355
Q92888	ARHGEF1	DGDGVPGGGPLSPAR	S863	0.63166468	0.94283277	0.82494403
Q9NZN5	ARHGEF12	SETIQDITDQSLVSGPSTR	S341	0.78681744	1.02368757	0.90717408
Q5VV41	ARHGEF16	GLNTSQESDDILDSSSPEGTQK	S227	0.75949323	0.96825194	0.88966056
Q96PE2	ARHGEF17	RPSADSESPGTPSPDGAAWPEPPAR	S145	0.29763429	1.1913943	0.62494294
Q96PE2	ARHGEF17	SPSFGAGEGLLR	S420	0.56176106	0.91551595	0.78554018
Q96PE2	ARHGEF17	RPSADSESPGTPSPDGAAWPEPPAR	S142	0.59548025	1.09172161	0.80681197
Q6ZS25	ARHGEF18	RAETFAGYDCTNSPTK	T735	0.86778365	1.02800991	0.94208744
Q92974	ARHGEF2	EPALPLEPDSGGNTSPGVTANGEAR	S696	0.05092714	1.31428571	0.44612288
Q92974	ARHGEF2	LQDSSDPDTGSEEEGSSRLSPHSPR	S952	0.08461934	1.76178011	0.49347121
Q92974	ARHGEF2	LQDSSDPDTGSEEEGSSR	S941	0.20301965	1.51658725	0.57100381
Q92974	ARHGEF2	ILSQSTDLSLNMNR	S174	0.42761783	0.81791796	0.7137923
Q92974	ARHGEF2	QELGSPEER	S932	0.57361024	1.07813164	0.79453269
Q96DR7	ARHGEF26	SPLLLGAQR	S80	0.01844059	0.70206826	0.37230658
Q96DR7	ARHGEF26	AVVSGGDFDSTSSK	S333	0.32923333	0.82440481	0.64960655
A5YM69	ARHGEF35	YVSPCEEHPAETNQNEGAESGTIR	S184	0.9786076	1.00337838	0.98996178
Q12774	ARHGEF5	RDSGRPPGDSGQAVAPSEGANK	S1011	0.0594616	0.81545999	0.45298462
Q12774	ARHGEF5	AEELSPAALSPLSEPIR	S450	0.36354475	0.73956585	0.67208904
Q15052	ARHGEF6	MSGFIYQGK	S488	0.12728646	0.76664891	0.5125107
O14497	ARID1A	HVTTAEGTPTGTTDQEGPPDPGPEK	T1891	0.05927546	1.2425	0.45298462
O14497	ARID1A	VSSPAPMEGEGEEELLGPK	S1755	0.22109536	1.29006318	0.58267075
Q66PJ3	ARL6IP4	SAGEEEDGPVLTDEQK	S271	0.71344082	0.97388724	0.86856453
Q8N2F6	ARMC10	SAGALEEGTSEGQLCGR	S45	0.02686602	1.68265023	0.40703825
Q9UH62	ARMCX3	YNDWSDDDDSNESK	S61	0.73818862	1.08352673	0.88004305

O15143	ARPC1B	KASSEGGTAAGAGLDSLHK	S310	0.8243945	1.03995794	0.92458845
P56211	ARPP19	YFDSGDYNNMAK	S62	0.19902704	0.87258687	0.56975265
P49407	ARRB1	DDKEEEEDGTGSPQLNNR	S412	0.35204281	1.19008265	0.66702539
P49407	ARRB1	EEEEEDGTGSPQLNNR	S412	0.90161152	0.95065554	0.95772102
Q9ULH1	ASAP1	QEEIDESDDDDKPKSPIK	S717	0.9141651	0.98631309	0.96462519
Q9UBL3	ASH2L	DTLEGAGDTSEVMDTQAGSVDEENGR	S101	0.10897552	1.21542228	0.51002233
O95671	ASMTL	HDSIPAADTFEDLSDVGGGSEPTQR	S239	0.25031052	0.46182768	0.59462574
Q9BZE9	ASPSCR1	AAGSPSPLPAPDPAPK	S502	0.56766156	1.05683948	0.79002425
Q76L83	ASXL2	KSSLTQEEAPVSWEK	S571	0.7534742	1.07127158	0.88807985
Q6PL18	ATAD2	IESDTEETQDTSVDHNETGNTGESSVEENEK	S1200,S1222	0.09385036	0.51747027	0.5018786
Q6PL18	ATAD2	IESDTEETQDTSVDHNETGNTGESSVEENEK	S1200	0.1792419	0.74962756	0.55295852
Q96QE3	ATAD5	QFEMENSLDPENEQTVQK	S356	0.11419106	0.79029712	0.51002233
Q96QE3	ATAD5	AADPVPSFDESSQDTSEK	S817	0.52456103	0.8530987	0.76426492
Q676U5	ATG16L1	SVSSFPVQDNVDTHPGSGK	S287	0.554834	0.85284511	0.78182069
Q96BY7	ATG2B	SSPVCSTAPVETEPK	S240	0.36877121	1.08487486	0.67368198
Q7Z3C6	ATG9A	RESDESGESAPDEGGEGAR	S735	0.37283824	1.10682545	0.67495398
Q6DD88	ATL3	DAVVGRRPSMDK	S535	0.00923165	1.61441344	0.33303827
P54259	ATN1	SEEISEESEETNAPK	S77	0.2664523	1.18296261	0.60355868
Q9Y2G3	ATP11B	SWSASDPFYTNR	S1154	0.11503796	1.33988018	0.51002233
Q8NB49	ATP11C	TFSDENVL	S1126	0.85290697	0.97680806	0.93587683
Q9HD20	ATP13A1	DRLSQVLR	S935	0.00115617	7.40935573	0.22363976
Q9H7F0	ATP13A3	LVHDSLEDLQMTR	S817	0.09977371	0.82119205	0.5018786
P16615	ATP2A2	EFDELNPSAQR	S663	0.16328562	1.19336493	0.54196083
P20020	ATP2B1	IEDSEPHILIDDTAEDDAPT	S1193	0.0382439	0.47463415	0.43108921
Q01814	ATP2B2	SATSSSPGSPHISLETSL	S1242	0.70131062	0.91741107	0.86274503
Q13535	ATR	GVELCFPENETPPEGK	T1989	0.95423668	0.99136563	0.98099666
Q8WXE1	ATRIP	LSGDGMTSALR	S518	0.23389837	1.37581239	0.58492724
P46100	ATRX	EVIEIEDASPTK	S1527	0.17041955	0.83818551	0.54531589
P46100	ATRX	RPTETNPVTSNSDEECNETVK	S677	0.21491925	1.13238771	0.58136831
P46100	ATRX	ETFSSAEGTVDK	S889	0.54097348	1.06001188	0.7718622
Q99700	ATXN2	ENIKPNETSFSFK	S772	0.25239014	1.2763864	0.59589813
Q8WWM7	ATXN2L	GPPQSPVFEVYNNR	S111	0.32755615	1.10723383	0.64788237
Q8WWM7	ATXN2L	EDKPPPLAPSGGTGEPQPPPCPSQTGSPVGLIK	T632	0.38719807	0.59359048	0.68256883
Q8WWM7	ATXN2L	EVDGLLTSEPMGSPVSSK	S594	0.56877266	1.08209806	0.79054743
Q14CW9	ATXN7L3	LQWVDGSSDLSPSDSGSSK	S281	0.924292	1.00831949	0.9674776
Q9NWW8	BABAM1	SEGEGEAASADDGSLNTSGAGPK	S66	0.63854862	1.11717909	0.83029336
Q92934	BAD	RMSDEFVDSFK	S118	7.06E-05	1.75628554	0.0569389
Q92934	BAD	MSDEFVDSFK	S118	0.07114732	1.46177138	0.46528233
Q92934	BAD	HSSYPAGTEDDEGMGEEPSFR	S75	0.49875082	0.93096447	0.75045249
O95817	BAG3	SQSPAASDCSSSSASLPSGR	S171	0.43928492	0.83146067	0.72004085
O95817	BAG3	SQSPAASDCSSSSASLPSGR	S173	0.5166853	0.78350384	0.75941066
P46379	BAG6	ASPEPQRENAPAGTTAEAEAMSR	S964,S973	0.17689328	1.33898716	0.55136011
P46379	BAG6	VGDPPQPLPEEPMVQGAERASPEPQR	S964	0.19770811	1.40228245	0.56896197
P46379	BAG6	ENASPAGTTAEAEAMSR	S973	0.87212589	1.01286765	0.94378338
Q9UQB8	BAIAP2	SSSTGNLLDK	S454	0.10915621	1.41634541	0.51002233
Q9UQB8	BAIAP2	SLSPQSQSK	S325	0.85986717	1.04125157	0.93886034
Q9UHR4	BAIAP2L1	TPASTPVSGTPQASPMIER	T257,S261	0.3242141	0.83278945	0.64443296
Q9UHR4	BAIAP2L1	TPASTPVSGTPQASPMIER	S261	0.62473439	1.13394681	0.82174981
Q16611	BAK1	MASGQGGPPR	S3	0.67252207	0.9336332	0.8481455
Q92560	BAP1	APAASEGNHTDGAEAAAGSCAQAPSHSPNPKK	S327	0.24624903	1.34167369	0.59107095
P80723	BASP1	ETPAATEAPSPSTK	T196	0.7374437	1.06394225	0.87980525
Q9NRL2	BAZ1A	RQSPSPVTLGR	S1413	0.33743427	1.08273749	0.65781985
Q9NRL2	BAZ1A	ELDQDMVTEDEDDPGSHK	T731	0.69085359	1.03801439	0.85751969
Q9UIG0	BAZ1B	SLSGSPLK	S347	0.00525917	1.42420529	0.29251844
Q9UIG0	BAZ1B	LAEDEGDSEPEAVGQSR	S1468	0.05983503	1.21539457	0.45298462
Q9UIG0	BAZ1B	DHTVSGDEDYCPR	S947	0.96376606	1.00562701	0.98250904
Q9UIF9	BAZ2A	AGDPGEMQSPPTGLGQPK	S1397	0.33563046	1.12222222	0.65720257
Q9UIF9	BAZ2A	ASPVTSPAFAFPTASPAK	S509,T499	0.74338676	1.11600265	0.88297706
Q8WY36	BBX	TADGRVSPAGGLDDKPK	S844	0.57655094	1.11155837	0.7967435
O75815	BCAR3	QNSPVTQDGIQESPWQDR	S83	0.14210746	0.77992958	0.52817885
O75815	BCAR3	TGSEPALSPAVVR	S375	0.55205487	0.89085821	0.78076677
P12694	BCKDHA	SVDEVNYWDK	S347	0.0325665	0.68361276	0.40879194
P12694	BCKDHA	IGHHSTDDSSAYR	S339	0.24768735	2.91878264	0.5927592
O14874	BCKDK	STSATDTHHVEMAR	S31	0.80047772	0.92513151	0.91398245
O95999	BCL10	SNSDESINFSEK	S138	0.29015163	1.41200926	0.62187612
O95999	BCL10	CSSCEFPDGTNNLSR	S134	0.33573151	1.19544641	0.65720257
Q9BXX5	BCL2L13	EESLVEELPASEK	S426	0.00555973	1.36012756	0.29892804
Q9BXX5	BCL2L13	EESLVEELPASEK	S420	0.26968621	0.76651192	0.60403212
Q9BQE9	BCL7B	VDSSTNSSPSPQSELSPAHTSDFR	S114,S118	0.2670369	1.0935167	0.60403212
Q9BQE9	BCL7B	VDSSTNSSPSPQSELSPAHTSDFR	S127	0.53689904	1.09134045	0.77155648
Q8WU20	BCL7C	DPGGITAGSTDEPPMLTK	T157	0.28527223	1.26612378	0.61903114
Q8WU20	BCL7C	GTEPSPGGTPQPSRPVSPAGPEGVPEEAQPPR	T111,S126	0.5861103	1.22926829	0.80118298
Q8WU20	BCL7C	GTEPSPGGTPQPSRPVSPAGPEGVPEEAQPPR	T118,S126	0.98264381	0.99226343	0.99124732
O00512	BCL9	IPVEGLPSR	S687	0.27909696	1.1144528	0.61249442
O00512	BCL9	AVTPVSGSNSSSADPK	T315	0.35172471	1.23505075	0.66702539
O00512	BCL9	SISADSFDR	S104	0.54267113	1.05583566	0.77223514
Q86UU0	BCL9L	EAPGSPPLSPR	S21	0.07239197	1.23408423	0.46528233
Q86UU0	BCL9L	SPTLSQVHSPVLTSPSANLK	S934,S949	0.29761699	0.89089418	0.62494294
Q86UU0	BCL9L	GPGDLMGPGQLSPEEMAR	S813	0.42776864	1.17145579	0.7137923
Q86UU0	BCL9L	ANQISPSNSSLK	S88	0.55333683	0.92682927	0.7813313
Q86UU0	BCL9L	SVSDSGEQR	S116	0.96402851	1.01640394	0.98250904

Q9NYF8	BCLAF1	RIDISPSTLR	S658	0.12363184	1.47745879	0.5125107
Q9NYF8	BCLAF1	NTPSQSHSIQHSPER	S264,S268	0.16976236	2.30179649	0.54531589
Q9NYF8	BCLAF1	KAEGEPQEESPLK	S177	0.25883573	1.24597496	0.5989986
Q9NYF8	BCLAF1	IDISPSTLR	S658	0.28321743	1.06863497	0.61775486
Q9NYF8	BCLAF1	YSPSQNSPIHHIPSR	Y284,S290	0.53818598	0.91833031	0.77155648
Q9NYF8	BCLAF1	DTFEHDPSESIDFNK	S198	0.57675108	1.07831984	0.7967435
Q9NYF8	BCLAF1	DLFDYSPPLHK	S512	0.81770148	0.97601323	0.92137792
Q9NYF8	BCLAF1	YSPSQNSPIHHIPSR	S285,S290	0.87112963	0.97971136	0.94366974
Q9NYF8	BCLAF1	DTFEHDPSESIDFNK	S196	0.88618222	1.01950698	0.94851488
Q9NYF8	BCLAF1	FNDSEGGDTEETEDYR	S397	0.98172252	1.00358138	0.99062773
Q6W2J9	BCOR	KVSGDSSHTEETAEEVPEDPLLK	S1143	0.05195086	0.61007069	0.44612288
P11274	BCR	HQDGLPYIDDSPPSSPHLSSK	S459	0.31615462	0.65978129	0.63800725
Q15155	BET1	SLSIEIGHEVK	S50	0.42476409	0.5192991	0.7137923
Q9NYM9	BET1L	AQSPGAVEEILDR	S9	0.00369287	0.70394333	0.29204389
Q8TD16	BICD2	SPILLPK	S582	0.13668548	0.89136905	0.52306923
O00499	BIN1	SPSPDPGSPAATPEIR	S298	0.00739874	1.47946561	0.31708848
O00499	BIN1	SPSPDPGSPAATPEIR	S296,S303	0.05793949	1.23550092	0.45298462
O00499	BIN1	SPSPDPGSPAATPEIR	S296	0.48134443	0.92935416	0.74108884
Q12982	BNIP2	KGSITEYTAEEK	S114	0.09518064	1.54499007	0.5018786
Q12982	BNIP2	GSITEYTAEEK	S114	0.2706045	1.15083038	0.60915463
O60238	BNIP3L	DHSSQSEEEVVEGEK	S120	0.02132788	0.40154825	0.37949754
O60238	BNIP3L	NGGLEHVSPSSSIHNGDMEK	S64	0.04006376	0.44083943	0.43210738
Q8NFC6	BOD1L1	DEYSSETTGKPEQNDDDTIK	S2843	0.14548071	1.15396825	0.53170891
Q8NFC6	BOD1L1	DVTLSPVK	S1531	0.22541885	0.89384289	0.58267075
Q8NFC6	BOD1L1	AGSISSEEVDSQGNMMR	S1701	0.25306275	1.39439664	0.59589813
Q8NFC6	BOD1L1	TQLSPSIK	S3019	0.8075317	0.97428825	0.91602956
Q14137	BOP1	TTEEQVQASTPCPR	T106	0.1093043	0.76363016	0.51002233
Q12830	BPTF	VLDDVSIKSPETK	S1300	0.12519592	0.81866189	0.5125107
Q12830	BPTF	QEQSPNANNDQPEDLIQGCSESDSSVLR	S1251	0.7380301	0.942532	0.88004305
P15056	BRAF	RDSSDDWEIPDQITVQGR	S447	0.28463025	0.36255279	0.61832807
Q7Z569	BRAP	ECINAAPDPSPK	S119	0.85981628	1.0205636	0.93886034
Q6PJG6	BRAT1	GSPNTASAEATLPR	S742	0.80233656	1.0346369	0.91398245
P38398	BRCA1	HQSESQGVGLSDK	S1336	0.11956729	0.79442393	0.51002233
P38398	BRCA1	SSEYIPISQNPGLSADK	S1460	0.60330372	0.96705254	0.81195569
Q15059	BRD3	SESPPLSDPK	S263	0.29555522	1.08345508	0.6248107
Q92994	BRF1	GLSSAGGSPHREDAQPEHSASAR	S553	0.35346193	1.14803922	0.66702539
P55201	BRPF1	DGQTDASAAEISSSQETSK	S860	0.12209719	1.15634878	0.5105605
Q9NW68	BSDC1	KGSSTDISDWEK	S387	0.45624045	1.10099889	0.72561974
P35613	BSG	RKPEDVLDDDDAGSAPLK	S362	0.22490013	1.15785101	0.58267075
P35613	BSG	KPEDVLDDDDAGSAPLK	S362	0.92111906	0.99252616	0.96666561
Q9BRD0	BUD13	YEYDPIDSPRR	S325	0.56271698	1.04573991	0.78599368
Q9BRD0	BUD13	HDSPDLAPNVTYSLPR	S271	0.58289185	0.89039039	0.80017409
Q9BRD0	BUD13	HDTDPDPSLR	T159,S163	0.7699305	1.02663834	0.89575562
Q13895	BYSL	MPQDGSDDDEEWPTLEK	S98	0.49128744	0.85857299	0.74653475
Q7L1Q6	BZW1	NAEESESEAEEGD	S411	0.01527538	3.68945125	0.36631449
Q8N655	C10orf12	EITSHHEGGGVDSPR	S273	0.23549141	0.7557624	0.58536202
Q8N655	C10orf12	ESSTFTDENPSETEESEAAAGGIGK	S449	0.36077671	0.77004343	0.6705258
Q8N655	C10orf12	EITSHHEGGGVDSPR	T263	0.51021378	1.08057832	0.75641069
O00193	C11orf58	SASPDDDLGSNNWEAADLGNEER	S15	0.34840313	0.8526393	0.6638961
O00193	C11orf58	SASPDDDLGSNNWEAADLGNEER	S17	0.47227597	0.81237234	0.73460091
O00193	C11orf58	EESAELQAAEHPDEVEDPK	S147	0.52133118	0.81081081	0.76237684
O00193	C11orf58	RSASPDDDLGSNNWEAADLGNEER	S17	0.91264082	1.0199005	0.96372481
Q9BUA3	C11orf84	AESPAPPPGLR	S308	0.92632791	0.98987185	0.96756561
Q8N5I9	C12orf45	IEVLDSKASK	S178	0.08465901	0.80272519	0.49347121
Q6ZUT6	C15orf52	LGSAPAAASPALASPEGPK	S392	0.15535179	1.40968593	0.53741649
Q6ZUT6	C15orf52	SPPTQVAISSDSAR	S201	0.87663751	0.99009901	0.94565946
Q8IXM2	C17orf49	VYEDSGIPLPAESPK	S96	0.40523424	0.87581601	0.6993632
Q8IXM2	C17orf49	VYEDSGIPLPAESPK	S96	0.65556128	1.05778547	0.8394813
Q9HASO	C17orf75	ELESSEEGGSAEER	S18	0.44408757	1.16046621	0.72245411
Q53F19	C17orf85	AEAPAGPALGLPSPEAESGVDR	S25	0.76626046	0.95530146	0.89401672
Q96B23	C18orf25	RDSSSEQLASTESDKPTTGR	S66	0.60455692	1.03628231	0.81202192
Q9BQ61	C19orf43	GGPGSTLSFVGK	S114	0.72629373	0.93033705	0.87523758
Q9BW04	C1orf116	AEDAPLSSGEDPNSR	S281	0.80339639	1.08130452	0.91419991
Q8NAX2	C1orf172	STMGSSFSYDPVK	S158	0.67801394	0.95518222	0.85041717
Q9H425	C1orf198	SSLDALGPTR	S175	0.37824631	0.80395804	0.67666227
A11L170	C1orf226	TSSLDNEGPHPDLLSFE	T256	0.19700699	0.9341235	0.56846559
Q9BU76	C1orf35	RPAEATSSPTSPERPR	S220	0.32050648	1.13380282	0.64118612
Q9BU76	C1orf35	RPAEATSSPTSPERPR	T219,S217	0.53266726	1.10674157	0.76840363
Q8N6N3	C1orf52	LLPEGEETLESDEK	S158	0.25659812	1.11864407	0.59892773
O14523	C2CD2L	EAGLSQSHDDLSTATATPSVR	S662	0.38182188	1.13538145	0.67941113
Q9BVC5	C2orf49	SPPLSPVGTTPVK	S189	0.09635576	1.37686632	0.5018786
Q9BVC5	C2orf49	SPPLSPVGTTPVK	S189,S193	0.93121455	0.99203919	0.96968952
Q96GV9	C5orf30	SLDVLNLDK	S167	0.5779168	0.89045749	0.7967435
Q9HGK1	C6orf106	VEGNFNPFASPK	S215	0.13419754	0.77473558	0.52045275
Q9BRJ6	C7orf50	ELDEEGSDPPLGR	S175	0.06009839	1.20396885	0.45298462
Q9BRJ6	C7orf50	GEAVLRPGLDAEPELSPPEEQR	S59	0.7017304	0.96345257	0.86274503
Q8N0T1	C8orf59	NVFIASQK	S19	0.09879358	0.57427812	0.5018786
Q9BUH6	C9orf142	LAAAEETAIVSPR	S148	0.20080672	0.91376912	0.56975265
Q9BUW7	C9orf16	LEFQQQLGEAPSDASP	S82	0.64303879	1.10016526	0.83055345
Q8IXQ3	C9orf40	IDAGTMAEPSASPSK	S69	0.08088282	0.69950739	0.48773691
Q9NZ63	C9orf78	RGDSESEDEEQDSEEVV	S17	0.00509995	6.03672762	0.29204389

Q9H8G2	CAAP1	ILEGDNMGMSDMEEEADGSK	S203	0.38332919	1.16878981	0.67941113
Q9H8G2	CAAP1	STDSSVSGSLQQETK	S89	0.43962047	1.0921659	0.72004085
Q9H8G2	CAAP1	SVNEILGLAESPNPEK	S312	0.80311574	1.06490148	0.91419991
P27708	CAD	ASDPGLPAEPEK	S1859	0.09911737	0.71056824	0.5018786
P27708	CAD	VLGTSPEAIDSAENR	S1038	0.4803012	1.16240074	0.74052465
P27708	CAD	IHRASDPGLPAEPEK	S1859	0.72125351	1.08247012	0.87405855
Q13557	CAMK2D	ESTESSNTTIEDEDVK	T337	0.05185645	1.44191477	0.44612288
Q13557	CAMK2D	ESTESSNTTIEDEDVK	T331	0.40690845	0.71280804	0.69976652
Q13555	CAMK2G	GSTESCNTTIEDEDLK	T382	0.38391179	1.30104541	0.67941113
Q5T5Y3	CAMSAP1	SPNSHSDSEPWTLR	S722	0.4270748	1.08353306	0.7137923
Q5T5Y3	CAMSAP1	RPSEGPQLVR	S629	0.63448949	1.06847936	0.82701539
Q5T5Y3	CAMSAP1	SIQGEDIPDQR	S431	0.6605184	0.90635785	0.84222623
Q08AD1	CAMSAP2	YDGESDKEQFDDDDQK	S1148	0.08764637	1.19247295	0.4960359
Q08AD1	CAMSAP2	SISNEGLTLNNSHVSK	S464	0.35955414	0.89571263	0.67026935
Q08AD1	CAMSAP2	SPTTPIDPEK	S862	0.61181464	0.94470774	0.81558431
P27824	CANX	SDAEEDGGTVSQEEEDRKP	S564	0.01977017	1.4545676	0.37738796
P27824	CANX	SDAEEDGGTVSQEEEDRKP	S554	0.02612848	1.28735632	0.40703825
P27824	CANX	QKSDAEEDGGTVSQEEEDR	S554	0.13454978	1.22989234	0.52045275
P27824	CANX	AEDEILNRSR	S583	0.17123528	1.27874763	0.54531589
P27824	CANX	SDAEEDGGTVSQEEEDR	S554,S564	0.42057051	0.53457923	0.70988583
P27824	CANX	QKSDAEEDGGTVSQEEEDR	S554,S564	0.6171747	0.9227728	0.81837121
P27824	CANX	SDAEEDGGTVSQEEEDR	S554	0.62420139	0.85704798	0.82174981
P27824	CANX	SDAEEDGGTVSQEEEDR	S564	0.78918352	1.05528596	0.90808284
Q9Y2V2	CARHSP1	TFSATVR	S52	0.62853092	0.95438175	0.82322298
Q9Y2V2	CARHSP1	GNVVPSPPLTR	S41	0.93445936	1.01079306	0.97181363
O15234	CASC3	YGSPPQRDPNWNNGER	S265	0.07823039	1.83603845	0.48346982
O15234	CASC3	STVTGERQSGDQESTEPVENK	S148	0.1134061	1.30919765	0.51002233
O15234	CASC3	GGGSCSGSAGGGSGSLPQR	S45	0.64934921	1.06005097	0.83491453
O15234	CASC3	LEQTSVRDPSPEADAPVLGSPK	S363	0.8820959	0.98842258	0.94728407
Q8WXE0	CASKIN2	SQSFALR	S858	0.08414024	0.5963	0.49347121
Q8WXE0	CASKIN2	SPSQESIGAR	S695	0.09137761	0.70966342	0.49878876
Q8WXE0	CASKIN2	VGLSPDSPAGDRNSVSGSEGSVGSIR	S396	0.68652494	1.12150417	0.85418907
P20810	CAST	KPADDQDPIDALSGDLDCPSTTETSQNTAK	S655	0.92524762	0.97868387	0.96756561
P51636	CAV2	FADSDQDRDPHR	S36	0.02774178	1.28779599	0.40710444
Q13185	CBX3	LTHWSCPDEEAQ	S176	0.12995048	1.34312697	0.5125107
Q9HC52	CBX8	HGSGPPSSGGGLYR	S311	0.23034454	1.16256997	0.58327432
Q9HC52	CBX8	RQSDLVQCQGVTSPPSSAEATGK	S256	0.66483699	0.9321267	0.84417266
Q9HC52	CBX8	RQSDLVQCQGVTSPPSSAEATGK	S268	0.88120352	0.98771816	0.94687741
Q8N163	CCAR2	VVSPPEPEK	S569	0.51881968	1.30733924	0.76077832
Q8N163	CCAR2	SVANSQSEMFESSLQDMPK	S678	0.80067202	0.93193867	0.91398245
Q96HB5	CCDC120	SNSSEALLVDR	S358	0.05353339	0.78692786	0.44612288
P13994	CCDC130	VPEEAAQDRPMSPGDCPPETTETPK	S332	0.06231592	1.34405898	0.45817252
Q96JG6	CCDC132	DEETEDVLASNGYESDEQEK	S546	0.68185751	1.08340908	0.85159594
Q86WR0	CCDC25	VENMSSNQDGNDSDEFM	S204	0.83556813	0.95492105	0.92778088
Q96MMW1	CCDC43	AALLAQYADVTDEEAEDEK	T139	0.28729293	0.37947347	0.62064599
Q16204	CCDC6	LDQPVSAPPSPR	S244	0.06991699	1.55584119	0.4637455
Q16204	CCDC6	LDQPVSAPPSPR	S240,S244	0.36165992	1.4611793	0.6705258
Q16204	CCDC6	QLSESESSLEMDDER	S323	0.59417012	0.91855011	0.80647767
Q16204	CCDC6	SGGIVISPFRR	S52	0.71692606	1.17833132	0.87242681
Q6ZRK6	CCDC73	LLLNKSDK	S726	0.45045005	0.83090077	0.72422173
Q9H6F5	CCDC86	EPGSPPSVQR	S47	0.01045948	0.70904836	0.35060945
Q9H6F5	CCDC86	QQDLHLESPQR	S102	0.03982158	0.65742574	0.43210738
Q9H6F5	CCDC86	AGLGSPPERPPK	S58	0.05086839	0.80696662	0.44612288
Q9H6F5	CCDC86	LQQGAGLESPQGPPEGAASQPR	S91	0.08249927	1.17308483	0.49194574
Q9H6F5	CCDC86	ALVEFESNPEETREPGSPPSVQR	S47	0.6539053	0.9312723	0.8383178
Q9H6F5	CCDC86	LQQGAGLESPQGPPEGAASQPR	S80,S91	0.65851761	0.96628788	0.84100467
Q9H6F5	CCDC86	LGGLRPESPESLTVSR	S18	0.68291488	0.8375521	0.85225664
Q9Y3X0	CCDC9	EGAASPAPETPQPTSPETSPK	S386	0.07180666	1.16891412	0.46528233
Q9BSQ5	CCM2	GIITDSFGR	S384	0.10516486	0.84428941	0.50572948
Q95067	CCNB2	GPSPTPEDVSMK	S92	0.40884788	0.86052202	0.70127181
Q9UK58	CCNL1	SPISINVK	S352	0.05062993	1.27843137	0.44612288
Q8ND76	CCNY	SASADNLTLP	S326	0.28218946	1.12508544	0.61676369
Q8N7R7	CCNY1	SFSADNFIGIQR	S344	0.36977853	0.57919285	0.67368198
P49368	CCT3	KGESQTDIEITR	S252	0.33287355	0.93146632	0.65478662
Q9Y5K6	CD2AP	SVDFDSLTVR	S458	0.8483563	0.96933419	0.93278712
Q95400	CD2BP2	HSLDSDEEEDDDGGGSK	S49	0.70419796	1.01966568	0.86476689
O15446	CD3EAP	QEQUINTEPLEDTVLSPTK	S285	0.06493409	0.77382319	0.46140392
P16070	CD44	SQEMVHLVNK	S706	0.23605565	1.17966102	0.58536202
P16070	CD44	LVINSGNGAVEDR	S686	0.39631031	1.40715313	0.69247075
P48960	CD97	YSEFTTSTSGTGHNQTR	S818	0.45743527	0.7797259	0.726939
P48960	CD97	ALRASSEGI	S831	0.76067463	0.88562285	0.88975212
P30305	CDC25B	SVTPPEEQQAEEPK	S353	0.1934029	0.84584527	0.5651429
Q8NHZ8	CDC26	EDVEVVGSDGEGAIGLSSDPK	S42	0.41558389	0.68083831	0.70812712
Q9Y5S2	CDC42BPB	HSTPNSNSNPSGPPSPNSPHR	S1690	0.40135101	1.20066397	0.69687959
Q9Y5S2	CDC42BPB	HSTPNSNSNPSGPPSPNSPHR	S1690,S1693	0.70549358	1.04207682	0.86536969
Q6DT37	CDC42BPG	SLPLSPELESSP	S1550	0.1542743	0.84884892	0.53741649
Q6DT37	CDC42BPG	RPASMGSEGLGGDADPMK	S1492	0.52924793	1.1392616	0.7665292
Q00587	CDC42EP1	RSDSLLSFR	S192	0.09337689	1.36248785	0.5018786
Q00587	CDC42EP1	SDSLLSFR	S192	0.16533595	1.16930304	0.54308896
Q9UKI2	CDC42EP3	LSCEPVMEEK	S144	0.01131427	0.61186991	0.36250201
Q9UKI2	CDC42EP3	LPRLSCEPVMEEK	S144	0.16038541	0.59201516	0.54196083

Q9UKI2	CDC42EP3	ANSTSDSVFTETPSPVLK	S89,S100	0.20497034	0.68365097	0.57194083
Q9UKI2	CDC42EP3	ANSTSDSVFTETPSPVLK	S89	0.23369141	0.82420449	0.58486307
Q9UKI2	CDC42EP3	ANSTSDSVFTETPSPVLK	S100	0.82860802	1.06722992	0.92537257
Q9H3Q1	CDC42EP4	AGEPDGSELDEQSPSSSSK	S64	0.29113468	0.68034017	0.62198706
Q99459	CDC5L	GGLNTPLHESDFSGVTPQR	T396,S390	0.16404931	0.77730182	0.54196083
Q99741	CDC6	LEPTNVQTVTCSPR	S45	0.872985	1.02348307	0.94378338
Q69YH5	CDCA2	AGTDSPPVSCASVTEER	S710	0.92973981	0.97969922	0.96909229
Q99618	CDCA3	QLSEVFETEDSK	S94	0.20903753	0.64489373	0.57425546
Q53HL2	CDCA8	IYNISNGSPLADSK	S219	0.67149514	0.90084908	0.84718158
P06493	CDK1	IGEGTYGVVYK	T14	0.00506417	0.53229096	0.29204389
P06493	CDK1	IGEGTYGVVYK	Y15,T14	0.04432389	0.42761104	0.44293212
Q9UQ88	CDK11A	RDSLEEGELR	Y15	0.28031256	0.82521848	0.61432631
Q9UQ88	CDK11A	RGTSRPPPEGGLGYSQLGDDDLK	S47	0.24254247	1.13106961	0.58886046
Q9UQ88	CDK11A	GTSRPPPEGGLGYSQLGDDDLK	S740	0.35397904	1.24037466	0.66702539
Q9NVV4	CDK12	GSPVFLPR	S740	0.60494523	0.87917676	0.81202192
Q14004	CDK13	GGDVSPSPYSSSSWR	S423	0.40066504	1.10240427	0.69644028
Q00536	CDK16	QLSMTLR	S383	0.18437714	1.08090615	0.55849825
Q00537	CDK17	MGSDDGESDQASGTSSDEVQSPTVGLR	S12	0.11258803	1.19921425	0.51002233
Q00537	CDK17	RISMEDLNK	S122	0.31623484	1.15235485	0.63800725
Q00537	CDK17	RASLSEIGFGK	S137	0.56669456	1.08214286	0.7897005
Q92903	CDS1	EGEAAGGDHETESTSDKETDIDDR	S180	0.76751346	1.05878192	0.8945081
Q95674	CDS2	VAHEPVAPPEDKESESEAK	S37	0.00267841	2.2218135	0.29204389
Q9UKY7	CDV3	VQAMQISSEK	S21	0.01480827	1.36495389	0.36631449
Q9UKY7	CDV3	VQAMQISSEKEDDNEK	S107	0.18951567	0.84091161	0.56400142
Q9Y232	CDYL	TAVDGFQSESPEK	S107	0.35394042	1.6485352	0.66702539
Q03701	CEBPZ	SQLDDHPESDDEENFIDANDEDMEK	S216	0.3674349	0.89405723	0.67368198
Q03188	CENPC	CSLSEPLESDEADLAK	S629	0.36544325	0.57946162	0.67336704
P49454	CENPF	ITETGAVKPTGECSEQSPDNTYEPGGDK	S613	0.68121928	0.91147649	0.85159594
O94986	CEP152	NVSPFVFCGEGGGFLHK	S1822	0.45622129	0.84015748	0.72561974
Q55W79	CEP170	LGESADSELADADK	S1461	0.13043069	0.74504859	0.5125107
Q55W79	CEP170	SESLDPDSSMDTTLIK	S1112	0.01376529	0.78673177	0.36591793
Q9Y4F5	CEP170B	AGSFTGTSDEPAAPAR	S881	0.24357191	0.19720384	0.58932994
Q9Y4F5	CEP170B	SPEPDGPAPAFRLR	S1179	0.05803811	0.71441814	0.45298462
Q9Y4F5	CEP170B	HEDGTQSDSEDPLAK	S853	0.37268973	0.85069817	0.67495398
Q9Y4F5	CEP170B	SQSFTHSPSGDPK	S360	0.69197358	1.08121827	0.85857953
Q9BV73	CEP250	LHSPGATSTAEIGSR	S421	0.80263865	0.93688012	0.91398245
Q53EZ4	CEP55	SPTAALNESLVECPK	S2229	0.52603176	0.90605801	0.76509399
P41208	CETN2	RMSPKPELTEEQK	T430	0.25297641	1.10126582	0.59589813
P23528	CF1L	ASGVAVSDGVIK	S20	0.41938912	1.09713024	0.70902218
Q9P2M7	CGN	KVSLVLEK	S3	0.07756285	0.68379247	0.48183834
Q9P2M7	CGN	SHSQASLAGPGVPDPSNR	S332	0.00435405	1.513918	0.29204389
Q9P2M7	CGN	SHSQASLAGPGVPDPSNR	S131	0.64290312	1.05437941	0.83055345
Q9P2M7	CGN	SNSMLELAPK	S134	0.66518503	1.04334964	0.84417266
Q0VF96	CGNL1	RQDSAGPVLDGAR	S149	0.80077759	1.02786378	0.91398245
Q13111	CHAF1A	GLLSNHTGSPR	S283	0.18268858	0.87695749	0.55757178
Q13111	CHAF1A	SPSTTYLHTPTPSEDAAIPSK	S772	0.00669799	0.85142352	0.31708848
Q13112	CHAF1B	TQDPSPGTTPPQAR	S775	0.74813084	0.93629893	0.88634115
Q13112	CHAF1B	GSSPGPRPVEGTPASR	S429	0.45335438	0.91336406	0.72537341
Q96JM3	CHAMP1	TSPASLDFPESQK	S410	0.95941258	1.00635786	0.98250904
Q96JM3	CHAMP1	LAPVPSPEPQKPAVPSPEVK	T458	0.0664107	0.83829475	0.46295119
Q96JM3	CHAMP1	GGSPDLWK	S204,S214	0.1282596	1.54736671	0.5125107
Q96JM3	CHAMP1	KPGPPLSPEIR	S476	0.30842654	1.11015886	0.63577254
Q96JM3	CHAMP1	KTSPASLDFPESQK	S427	0.4517703	1.11832012	0.72471954
Q96JM3	CHAMP1	KTSPASLDFPESQK	T458	0.47114018	1.24165942	0.73369435
Q9NX63	CHCHD3	YSGAYGASVDEELK	S459	0.50515454	1.19546028	0.75314323
O14646	CHD1	ASSSGPRSPLDQR	S50	0.02972926	0.67884218	0.40811311
Q12873	CHD3	ELQDGDPPSSPTNDPTVK	S1677	0.47071625	1.19609477	0.73358967
Q12873	CHD3	METEADAPSPAPSLGER	S713	0.40975792	1.13883357	0.70237994
Q14839	CHD4	TPTPSTPGDTPNTAPVPPAEDGIK	S1601,S1605	0.76112087	1.08978413	0.88979561
Q14839	CHD4	SAIDLTPIVVEDK	S1544	0.29709611	1.20899027	0.62494294
Q14839	CHD4	STAPETAIECTQAPAPASEDEK	S1648	0.36278699	0.69156482	0.67145774
Q14839	CHD4	IEENSLKEEESIEGK	S1602	0.48044578	1.04901337	0.74052465
Q14839	CHD4	TPTPSTPGDTPNTAPVPPAEDGIK	S1570	0.5229036	1.16398537	0.76304189
Q14839	CHD4	TPTPSTPGDTPNTAPVPPAEDGIK	T1540	0.62587814	1.15473041	0.82174981
Q14839	CHD4	QVNYNDGQSQEDR	T1553	0.64534812	1.16271291	0.83175911
Q9P2D1	CHD7	NIPSPGQLDPDTR	S1349	0.97458259	1.00512774	0.98795929
Q9P2D1	CHD7	RTLSAEDAIVTK	S2559	0.65954514	1.04319249	0.84198362
Q9HCK8	CHD8	TASPLLRPDAPVEK	S2533	0.83219077	0.93960542	0.92605982
Q9HCK8	CHD8	SPEETATQVPSLESLLTK	T1993	0.63187746	1.10799371	0.82494403
Q3L8U1	CHD9	VMSPENFPTASVEGK	S2008	0.96297396	0.98822043	0.98250904
Q3L8U1	CHD9	YAEDIEGKQSEEEVK	S550	0.32992662	1.18724533	0.65025856
Q9UQN3	CHMP2B	ATISDEEIER	S654	0.81098749	1.02473419	0.91877983
Q8WUX9	CHMP7	ISDAEAEAELEK	S199	0.269811	1.1602537	0.60403212
Q9NRG0	CHRA1	REEDEENDNDSHDHDEADS	S417	0.08088631	0.6086256	0.48773691
Q8WVB6	CHTF18	GDAASSPAPAASVGSQGGGAR	S124	0.74001932	1.0265718	0.88092337
Q96RKO	CIC	TQSLSALPK	S64	0.79697395	1.05180142	0.91333498
Q86X95	CIR1	NLTANDPSQEVYVASEGEEDEPEVFLK	S173	0.05973634	0.60655335	0.45298462
Q7Z460	CLASP1	QSSGSATNVASTPDNR	S202	0.27413635	0.4011659	0.60717337
Q7Z460	CLASP1	RQSSGSATNVASTPDNR	S649	0.03853228	0.75901393	0.43108921
Q7Z460	CLASP1	SRSDDIVNAAASAK	S646,S649	0.25457828	0.95767694	0.59692907
			S600	0.45532705	0.87992911	0.72561974

Q7Z460	CLASP1	SQEDLNEPIK	S1196	0.55048512	1.06742397	0.77957199
Q7Z460	CLASP1	RQSSGSATNVASTPDNR	T651	0.62423497	1.11520984	0.82174981
Q7Z460	CLASP1	NSSNTSVGSPSNTIGR	S1091	0.87848565	0.9675	0.94568481
Q7Z460	CLASP1	RQSSGSATNVASTPDNR	S646	0.96097029	0.99421965	0.98250904
O75122	CLASP2	SRSDIDVNAAGAK	S370	0.17628891	0.9088153	0.5505402
O75122	CLASP2	SFDDEESVDGPNRPSAASAFK	S8	0.4281228	0.91402052	0.7137923
Q8N2M8	CLASRP	RDSPTYDPYK	S294	0.29724433	0.75986794	0.62494294
O15551	CLDN3	STGPGASLGTGYDR	S203	0.42560675	0.90250651	0.7137923
Q14677	CLINT1	ASPDQNASTHTPQSSVK	S299	0.59167444	0.885694	0.80543398
P30622	CLIP1	TASESINLSEAGSIK	S195	0.03392021	0.47007493	0.41682455
P49761	CLK3	YRSPDPYLSYR	Y155	0.05533928	0.71218316	0.45081948
P49761	CLK3	SPEPDPYLSYR	S157	0.60470197	1.05761651	0.81202192
Q961Q2	CLMN	HEPHQDSGEEAEGCPSAPEETPVDK	S635	0.07882136	1.15532734	0.48479487
P54105	CLNS1A	EPVADEEEEDSDDVEPITEFR	S102	0.19205903	0.57629339	0.5651429
Q9HAW4	CLSPN	SPSPGLFR	S810	0.00121207	0.64039848	0.22363976
Q9HAW4	CLSPN	TTYDSAEENK	S83	0.00479236	0.60203659	0.29204389
Q9HAW4	CLSPN	FTSQDASTPASSELNK	S950	0.14419615	0.74954119	0.52860997
Q9HAW4	CLSPN	LDEDDSCSLTK	S762	0.16360828	0.6700173	0.54196083
O75153	CLUH	SEDPGQAEAGSEEGSSASGLAK	S664	0.44225403	1.1398215	0.72140914
Q969H4	CNKSRI	SPSLAPLSR	S305,S314	0.08392485	1.29623534	0.49347121
Q6P4Q7	CNNM4	SASLSYPR	S664	0.37089877	0.75065173	0.67442469
Q9NZN8	CNOT2	TNSMSSSGLGSPNR	S165	0.05616482	0.74318329	0.45298462
Q9C0A0	CNTNAP4	LISISGK	S520	0.68037095	0.94294074	0.85138739
Q535F7	COBL1	VEAENISPK	S515	0.10612281	1.17221159	0.50572948
Q535F7	COBL1	DQTASAPATPLVNK	S294	0.37871043	0.82150869	0.67666227
Q535F7	COBL1	QSSLTFOSSDPEQMR	S1146	0.37872009	1.09878049	0.67666227
P38432	COIL	AFQLEEGEETEPDCK	T122	0.0231881	0.44442065	0.39017457
P38432	COIL	LIIESPNTSSTEPA	T570	0.22986887	1.14298808	0.58267075
P53621	COPA	NLSPGAVESDVR	S173	0.49620015	1.07112971	0.74981346
P35606	COBP2	STAQQLDGGKASPTPVIVASHTANK	S859	0.34985152	0.79555939	0.6654605
O75131	CPNE3	EASRSSPVFEFCINEK	S242	0.20098528	1.37812589	0.56975265
P16220	CREB1	ILNDLSSDAPGVPR	S143	0.873563	1.0692771	0.94409187
Q92793	CREBBP	EEEESSNGTASQSTSPSQPR	S1076	0.73019637	1.1701496	0.87667044
P52943	CRIP2	ASSVTTFTGEPNTPCR	S115	0.07311083	0.24831012	0.46713103
Q6UUV9	CRTC1	TNSDSALHQSTMTPQPESSGSDVHQK	S151	0.55342282	0.81900213	0.7813313
P21291	CSR1P	GFGFGQAGALVHSE	S192	0.56028201	1.11343788	0.78468723
Q05D32	CTDSPL2	NGTSGSDSPGQAVEAEIIVK	S165	0.82904154	0.95050175	0.92538008
Q05D32	CTDSPL2	SQVNGEAGSYEMTNQHVK	S104	0.9473583	1.01236188	0.9788835
Q05D32	CTDSPL2	LEDNPSSGSPPR	S134	0.94825531	1.01930806	0.9788835
P35221	CTNNA1	TSVQTEDDQLIAGQ SAR	T654	0.03428727	0.76908752	0.41898
P35221	CTNNA1	SRTSVQTEDDQLIAGQ SAR	S652,S655	0.0599584	0.47789251	0.45298462
P35221	CTNNA1	SRTSVQTEDDQLIAGQ SAR	S655	0.09482668	0.72845629	0.5018786
P35221	CTNNA1	SRTSVQTEDDQLIAGQ SAR	T654	0.09636053	0.74036939	0.5018786
P35221	CTNNA1	TSVQTEDDQLIAGQ SAR	S655	0.10969731	0.54988272	0.51002233
P35222	CTNNB1	TSMGGTQQQFVEGVR	T551	0.44484738	0.74769885	0.72259701
P35222	CTNNB1	RTSMGGTQQQFVEGVR	T551	0.68164855	1.32195101	0.85159594
P35222	CTNNB1	TSMGGTQQQFVEGVR	S552	0.71348295	1.06252319	0.86856453
Q8WYA6	CTNNB1	EYAENIGDGRSPEFR	S545	0.13198156	1.18612922	0.5148398
O60716	CTNND1	GSLASLDSLRK	S349	0.00486161	2.02122499	0.29204389
O60716	CTNND1	SDFQVNLNNASR	S847	0.00623892	1.67578408	0.31708848
O60716	CTNND1	GSLASLDSLR	S349	0.01233945	1.57492163	0.36467189
O60716	CTNND1	VGGSSVDLHR	S268	0.01290531	0.45560684	0.36582345
O60716	CTNND1	SGDLGDMLEPK	S920	0.11456513	0.85778578	0.51002233
O60716	CTNND1	TLDRSGDLGDMLEPK	S920	0.1196727	1.24202128	0.51002233
O60716	CTNND1	SQSSHSYDDSTLPLIDR	S864	0.12029288	0.74239266	0.51002233
O60716	CTNND1	GSLASLDSLRK	S352	0.14263503	0.718065	0.5281867
O60716	CTNND1	GSLASLDSLRK	S349,S352	0.15906025	0.50876362	0.54013513
O60716	CTNND1	SLDNNYSTPNER	S899	0.18797778	1.40249508	0.56058734
O60716	CTNND1	VGGSSVDLHR	S269	0.23980222	0.74083673	0.5869514
O60716	CTNND1	HYEDGYPGGSDNYGSLSR	S230	0.36947934	0.45316717	0.67368198
O60716	CTNND1	GSLASLDSLR	S346	0.39650548	1.11089071	0.69247075
O60716	CTNND1	SQSSHSYDDSTLPLIDR	Y865	0.74430478	0.89535567	0.88343394
P17812	CTPS1	SGSSSPDSEITELK	S575	0.10514545	0.89937598	0.50572948
Q6PD62	CTR9	GEEGSDDETENGPCK	S970	0.04802944	1.77417027	0.44612288
Q6PD62	CTR9	KGGEFDEFVNDTDDDLPIK	T925	0.26831316	0.45213691	0.60403212
Q14247	CTTN	TQTTPVSPAPQPTTEER	S405	0.1030989	1.35641764	0.50572948
Q14247	CTTN	TQTTPVSPAPQPTTEER	T399,S405	0.95742835	1.00376648	0.98250904
Q14247	CTTN	TQTTPVSPAPQPTTEER	T401	0.96946632	0.9950761	0.98659254
Q14247	CTTN	LPSSPVYEDAASFK	S418	0.98522396	1.00186012	0.99242732
Q9P2B4	CTTNBP2NL	DLSPTLIDNSAAK	S488	0.13494989	0.80263158	0.52075162
Q2VPK5	CTU2	LSQMOSPIPLTETR	S419	0.36628584	1.68732695	0.67368198
Q13619	CUL4A	GGSFALVGR	S10	0.58203084	1.1465448	0.80001994
Q13620	CUL4B	EDFDSTSSSSTPPLQPR	S83	0.11247938	0.72757996	0.51002233
Q13620	CUL4B	SATDNGTSTTPPTSAK	T49	0.34791178	0.72849178	0.6638961
P39880	CUX1	SLTELQQPCPIEASK	T1071	0.30654757	1.22840476	0.63401508
P39880	CUX1	AASREEPIEWEF	S1496	0.92319061	1.02159257	0.96716763
Q2TBE0	CWF19L2	STFAGSPER	S479	0.39713398	1.44197385	0.69247075
Q8TB03	CXorF38	LDSQEPGRQTPDR	T314	0.22082037	0.89816934	0.58267075
Q9P0U4	CXXC1	SENGENAPIYCICR	S19	0.40201431	0.90087719	0.69725708
Q5VW08	DAB2IP	QGPSPVSPNALDR	S995	0.29254161	0.81712186	0.62260296
Q9Y4D2	DAGLA	SPSQEILLR	S952	0.27367001	0.8910747	0.60684527

Q9UER7	DAXX	DGDKSPMSSLQISNEK	S495	0.10078496	1.76451372	0.5018786
Q9UER7	DAXX	SPMSSLQISNEK	S495	0.62552883	1.03525046	0.82174981
Q16643	DBN1	LSPVLHR	S142	0.27427335	1.16055626	0.60717337
Q16643	DBN1	SPSDSSTASTPVAEQIER	S337	0.85215352	0.98361127	0.9354818
Q9UJU6	DBNL	AMSTTSSSQPGK	S275	0.75309976	0.94329897	0.88807985
Q58VW2	DCAF6	DGEQSPNVSLMQR	S336	0.86963235	0.96620724	0.94300301
Q5TAQ9	DCAF8	VHDRSEEEEEEEEEEQPR	S99	0.3121938	0.57920732	0.63653708
Q96PD2	DCBLD2	TDSCSAQAQYDTPK	S724	0.52963224	0.89773902	0.7665292
O15075	DCLK1	SPSPSPTSPGSLR	S337	0.99184371	0.99753622	0.99498584
Q9NPI6	DCP1A	ASSPSPLTIGTPESQR	S525	0.03942074	0.86106407	0.43108921
Q9NPI6	DCP1A	ASSPSPLTIGTPESQR	S523	0.10369032	1.30690166	0.50572948
Q9BTE7	DCUN1D5	SPGVAAVAEDGGLK	S9	0.17880573	1.15864333	0.55295852
Q92466	DOB2	SRSPLLEPEAK	S24	0.25846702	1.08951965	0.5989986
Q92466	DOB2	SPLLEPEAK	S26	0.48459484	1.07857974	0.74167539
Q92466	DOB2	SRSPLLEPEAK	S26	0.60868118	1.03446279	0.81409847
Q92499	DDX1	DNTRPGANSPEMWSEAIK	S481	0.23733835	1.17133621	0.58536202
Q13206	DDX10	SNSEVEDVGTSHNR	S829	0.123064	0.90027894	0.51226381
Q13206	DDX10	SNSEVEDVGTSHNR	S831	0.62633055	0.92509135	0.82174981
Q9UHI6	DDX20	SYLEGSSDNQLK	S678	0.40714872	0.89796277	0.69976652
Q9UHI6	DDX20	YQESPGIQMK	S714	0.80112234	0.94920043	0.91398245
Q9NR30	DDX21	NEEPSSEIADPKPK	S121	0.10095195	1.39861352	0.5018786
Q9NR30	DDX21	EEPSQNDISPK	S89	0.30418597	1.1359045	0.63187633
Q9NR30	DDX21	KEEPSQNDISPK	S89	0.80543033	1.03112392	0.91522305
Q9GZ7	DDX24	AQAVSEEEEEEGK	S82	0.36124787	1.11111111	0.6705258
O00571	DDX3X	SSFFDRGSSGR	S92	0.08475687	2.18876371	0.49347121
P17844	DDX5	GYSLLK	S520	0.71833139	0.90944566	0.87275421
Q8N8A6	DDX51	VNDAEPGSPEAPQGK	S83	0.29387258	1.13718821	0.62281368
Q8TDD1	DDX54	IDDRDSDEEGASDR	S782	0.09030657	1.17487267	0.49630155
P35659	DEK	EEEEEEDEDEEEEEEEK	S32	0.04558668	0.57164538	0.44429794
P35659	DEK	EPMPGPREESEEEDEDEEEEEEEK	S32	0.10530932	1.31959863	0.50572948
P35659	DEK	SLIVEGK	S51	0.97570933	0.99255634	0.98795929
Q8TEH3	DENND1A	TLRESDSAEGDEAESPEQQVR	S538	0.22439067	1.04147794	0.58267075
Q7Z401	DENND4A	RGDTSTEDIQEEK	S922	0.83700933	1.05059071	0.92822004
Q7Z401	DENND4A	SDNETNLQQVWGNR	S1015	0.84564821	1.0193892	0.93222923
Q5VZ89	DENND4C	RSSLPLDHGSPAQENPESEK	S1042	0.0149367	1.1635908	0.36631449
Q5VZ89	DENND4C	STLSALVR	S1089	0.22196737	1.14730451	0.58267075
Q5VZ89	DENND4C	HSQSPPEPHSPTPEPAWSSIVK	S732,S737	0.94781822	1.0150463	0.9788835
O75907	DGAT1	TGSRPSSHGGGPAEEEEVER	T12	0.05876743	1.47483807	0.45298462
Q9UBM7	DHCR7	SLDGVTNDR	S14	0.42635833	1.20414233	0.7137923
O60231	DHX16	QQTEKPESEDEWER	S160	0.04906376	1.16019418	0.44612288
O60231	DHX16	LLEDSEESSEETVSR	S103	0.06868142	1.57806931	0.4637455
Q7L2E3	DHX30	GSSFEMTDDDSAIR	S226	0.17772762	1.55438307	0.55295852
Q6P158	DHX57	DLQEQAADAGSER	S127	0.66154798	0.93452039	0.8423578
Q6P158	DHX57	GLSGEEEDDEPDCCNDER	S132	0.75240877	1.02824019	0.88780932
Q14562	DHX8	QSMMDMPIK	S460	0.70616615	1.05608974	0.86558861
Q9BTC0	DIDO1	SPPEGDTTLFLSR	S1040	0.80660157	0.96386256	0.91593406
Q9BTC0	DIDO1	RNSVERPAEPVAGAATPSLVEQQK	S1456	0.97129622	1.01002397	0.98687477
O60832	DKC1	AGLESGAEPGDGSDTTK	S494	0.03472246	1.30597015	0.41964372
O60832	DKC1	AGLESGAEPGDGSDTTKK	T497	0.07507282	1.63079116	0.47168775
O60832	DKC1	AGLESGAEPGDGSDTTKK	S494	0.07738263	1.6828189	0.48183834
Q12959	DLG1	EQMMNSSISSGSLR	S571	0.10423337	1.65047008	0.50572948
Q9Y2H0	DLGAP4	QNSATESADSIYVPEAQTR	S977	0.27795167	0.58304401	0.61248094
Q9Y2H0	DLGAP4	QNSATESADSIYVPEAQTR	S973	0.37765376	0.61737264	0.67666227
Q9Y2H0	DLGAP4	ANSWQLVETPEK	T915	0.97939451	0.99823478	0.99044723
Q15398	DLGAP5	NTASQNSILEEGETK	S777	0.1658376	0.5112808	0.54308896
Q15398	DLGAP5	SSIEDAQCPGLPLIEENHVVK	S689	0.17064234	0.26198246	0.54531589
Q9NPF5	DMAP1	DTIIDVVGAPLTPNSR	T445	0.93493821	1.02033989	0.97199828
P31689	DNAJ1	VNFPENGLSPDK	S335	0.94992361	0.99322011	0.97916383
O75190	DNAJB6	HAPHCLSEEEGEQDRPR	S277	0.19442108	0.93563554	0.56554204
Q96K8	DNAJ1	EDAEGVAAEEEEQEGDSGEQETGATDARPR	S430	0.0318029	0.72046733	0.40879194
Q9NVM6	DNAJ17	QAQAQSEEEEEESR	S112	0.24476262	1.14489311	0.58971922
Q99543	DNAJ2	NASASFQLEDDK	S47	0.1392012	1.52669553	0.52583497
Q99543	DNAJ2	NASASFQLEDDK	S47	0.25562175	1.10970598	0.59776597
Q5F1R6	DNAJ21	EFGDGSDENEMEEHELK	S283	0.54125522	0.87440003	0.77192278
Q5F1R6	DNAJ21	VPEDTNLNQDSAK	S423	0.61920225	1.04352339	0.81882617
Q8WXX5	DNAJ9	KISLEDIQAFEK	S109	0.52273011	0.7589619	0.76304189
P26358	DNMT1	EADDDEEVDDNIPEMPSPKK	S714	0.32082208	1.2573373	0.6412466
P26358	DNMT1	EADDDEEVDDNIPEMPSPK	S714	0.48173859	0.8990099	0.74108884
O43598	DNP1	YFEADPPGQVAASPDPTT	S169	0.94672931	0.99317529	0.9788835
Q5QJ6	DNTTIP2	LYTSAPNTSQGK	S429	0.88528488	0.96420243	0.94818361
Q9H7D0	DOCK5	APEPDLMSPTRK	S1756	0.26188114	1.16051661	0.60088416
Q96HP0	DOCK6	SISSNPDLAVAPGSVDDEVSR	S883	0.14102903	0.69025515	0.52770768
Q96N67	DOCK7	SRLSNSNPDISGTPTSPDDEVVR	S894,S910	0.00367147	1.47246146	0.29204389
Q96N67	DOCK7	SLSNSNPDISGTPTSPDDEVVR	T909	0.02488152	1.59396275	0.4040435
Q96N67	DOCK7	SMSIDDTPR	S182	0.20199885	1.21771486	0.57040595
Q96N67	DOCK7	SNSWVNTGGPK	S929	0.85493903	1.02534552	0.93683196
Q18PE1	DOCK7	DHSPSPQSGSPGNSAAR	S419	0.54264908	1.10754011	0.77223514
Q8TEK3	DOT1L	VAGPADAPMDSGAEEEEK	S374	0.25461079	0.84369287	0.59692907
Q92785	DPF2	EDSQPPTVVSQR	S244	0.5750774	0.90542636	0.79622305
Q02487	DSC2	GVSAGSVGCCSER	S868	0.02134994	0.75995449	0.37949754
Q02487	DSC2	GVSAGSVGCCSER	S873	0.03709503	0.64960762	0.42891963

Q9H410	DSN1	SLHLSPEQASQYQDR	S81	0.19166428	0.73717278	0.5651429
P15924	DSP	GGGGYTCQSGSGWDEFTK	T173	0.26096057	0.82948341	0.60088416
Q8TEA8	DTD1	SASSGAEGDVSSEREP	S194	0.31267098	1.1665345	0.63653708
Q8TEA8	DTD1	SASSGAEGDVSSER	S197	0.52410314	0.90119761	0.76409963
Q8TEA8	DTD1	SASSGAEGDVSSEREP	S197,S204	0.82491391	1.06978671	0.92458845
Q9Y4J8	DTNA	TQFEDLVPSPTSEK	S662	0.83467105	0.9847289	0.92778088
Q8TDB6	DTX3L	EGHETPMDIDSDDSK	S532	0.12393231	0.87876483	0.5125107
Q8TDB6	DTX3L	QQFSPMTER	S204	0.17114733	0.88108108	0.54531589
Q96G46	DUS3L	QENCGAQQVPAGPGTSPSSPVR	S272,S277	0.02729074	1.23535457	0.40703825
Q92997	DVL3	SMDDDFGVVK	S48	0.15657955	1.33750912	0.53741649
Q14204	DYNC1H1	TDSTSDGRPAWMMR	S4368	0.28832276	0.87214854	0.62154849
Q13409	DYNC1I2	SVSTPSEAGSQSDGDGAVGSR	S92	0.62410805	1.07484798	0.82174981
Q9Y6G9	DYNC1L1	KPVTVSPPTTPTSPTEGEAS	T512	0.0474834	1.12712975	0.44612288
Q9Y6G9	DYNC1L1	DFQEYVEPEDFPASPQR	S207	0.12245657	0.7740858	0.51105421
Q9Y6G9	DYNC1L1	KPVTVSPPTTPTSPTEGEAS	S516	0.22496943	1.18360376	0.58267075
Q9Y6G9	DYNC1L1	DFQEYVEPEDFPASPQR	S207	0.45515925	1.10045802	0.72561974
Q9Y6G9	DYNC1L1	KPVTVSPPTTPTSPTEGEAS	T513,T515	0.55573637	0.89574672	0.78182069
O43237	DYNC1L1	DFQDYMEPEEGCQSPQR	S194	0.28860115	1.07007204	0.62154849
O43237	DYNC1L1	DFQDYMEPEEGCQSPQR	S194	0.46032276	1.23786805	0.72775395
O43237	DYNC1L1	GGPASVSPSSPGTSVK	S407	0.55366811	1.09694584	0.78133566
Q13627	DYRK1A	IYQYQSR	Y321	0.16088368	1.14888683	0.54196083
Q13627	DYRK1A	QGADREESPMTGVCVQSPVASS	S758	0.31830969	1.24042084	0.6389963
Q96JC9	EAF1	DNPSPEPQLDDIKR	S165	0.27279899	1.54282033	0.60684527
Q96JC9	EAF1	DNPSPEPQLDDIK	S165	0.33829472	1.05039788	0.65781985
Q96F86	EDC3	SQDVAVSPQQQCSK	S131	0.86165505	0.97788785	0.9398826
Q6P2E9	EDC4	DSQDASAEQSDHDEVASLASASGGFGTK	S871	0.2260465	0.34540871	0.58267075
P24534	EEF1B2	YGPADVEDTTGSGATDSK	S95	0.01163458	1.16232772	0.3634964
P24534	EEF1B2	DDDDIDLFGSDDEESEAK	S106	0.25769116	0.25004344	0.59892773
P29692	EEF1D	KPATPAEDDEDDIDLFGSDNEEEDK	S162	0.23136406	0.42010204	0.58402227
P29692	EEF1D	ATAPQTOHVSPMR	S133	0.93915906	1.01028807	0.97418985
Q96C19	EFHD2	ADLNQIGIGEPQSPSR	S74	0.52875079	0.87395934	0.76628484
Q96C19	EFHD2	RADLNQIGIGEPQSPSR	S76	0.76057729	0.93746168	0.88975212
Q96C19	EFHD2	RADLNQIGIGEPQSPSR	S74	0.82417749	1.02839978	0.92458845
Q8ND1	EHBP1	APAPPVLSPK	S408	0.18362866	0.76052813	0.55832805
Q8ND1	EHBP1	TSGSDDPGICSNTDSTQAQVLLGK	S664	0.45590129	0.80856833	0.72561974
Q8ND1	EHBP1	KPSEDEVLNK	S1058	0.59309587	1.05202888	0.80595083
Q8N3D4	EHBP1L1	ANEAGGQVGPAPRPPETSPEMR	S285	0.38684059	1.0987074	0.6823115
Q96KQ7	EHMT2	LNSGGGLSEELGSAR	S232	0.54078362	0.89723273	0.7718622
O14681	EI24	FSPHPSPAK	S326	0.0220066	0.8029623	0.37964331
O14681	EI24	FSPHPSPAK	S326,S330	0.14941891	0.77821394	0.53498933
Q9BY44	EIF2A	SDKSPDLAPTPAPQSTPR	S506	0.13433796	1.25972691	0.52045275
Q9BY44	EIF2A	SPDLAPTPAPQSTPR	S506	0.71027929	0.95114007	0.86779668
Q9UI10	EIF2B4	ASPSTAGETPSGVK	S130	0.52794239	1.06861698	0.76614217
Q14152	EIF3A	ERLESLNQR	S584	7.89E-06	0.248901	0.02545314
Q14152	EIF3A	LGDSSLSR	S882	0.02844168	0.50188842	0.40710444
P55884	EIF3B	TEPAAEAAASGPSSESPPPAAEELPGSHAEPVPAQGEAPGEQAR	S83	0.37622458	0.6987946	0.67615626
Q99613	EIF3C	QNPEQSADEDAEK	S166	0.22233845	1.11268091	0.58267075
Q99613	EIF3C	QPLLLSEDEEDTK	S39	0.50538599	1.02671756	0.75314323
O75822	EIF3J	VLTPEEQQLADK	T109	0.93804177	0.98692895	0.97418985
P38919	EIF4A3	LDYQGHVVAGTPGR	T163	0.30337731	0.884612	0.63144863
P23588	EIF4B	YAALSVDGEDENEGEDYAE	S597	0.25208984	0.69754768	0.59589813
P23588	EIF4B	EEDCHSPTSKPPKPDQPLK	S459	0.37304493	0.62318841	0.67495398
P23588	EIF4B	AFGSGYR	S283	0.42794942	1.17732558	0.7137923
P23588	EIF4B	ARPATDSFDYPPR	S207	0.5116226	1.22126313	0.7574445
P23588	EIF4B	SLNETLNK	S445	0.80662389	1.02893519	0.91593406
Q9NRA8	EIF4ENIF1	ASEENLLSSSSVPSADRSPTTNSK	S752	0.34679316	1.14331723	0.66293814
Q04637	EIF4G1	AALSEEELEK	S1238	0.0031826	1.47819179	0.29204389
P78344	EIF4G2	FSPMTGR	S395	0.61812454	0.91947291	0.81837121
O60841	EIF5B	VEMYSGSDDDDFNK	S135	0.00073323	2.18038529	0.21503578
O60841	EIF5B	KQSFDDNDSELEEDK	S107	0.03366702	1.52501263	0.41612951
O60841	EIF5B	KWDGSEDEEDNSK	S164	0.1046145	1.26381579	0.50572948
O60841	EIF5B	KQSFDDNDSELEEDK	S113	0.2977487	1.45802157	0.62494294
O60841	EIF5B	QSFDDNDSELEEDK	S113	0.34151527	1.04925651	0.66090478
O60841	EIF5B	KQSFDDNDSELEEDK	S107,S113	0.35505435	0.63453823	0.66702539
O60841	EIF5B	NKPGPNIESGNEDDASFK	S214	0.40561331	1.07712467	0.6993632
Q5R3F8	ELFN2	QLSADAAVTR	S619	0.36460294	1.16366877	0.67327366
Q5R3F8	ELFN2	MASIPSMIGEK	S472	0.43694648	0.82564737	0.71982749
P41970	ELK3	AASPVLLSSNSQK	S396	0.78935197	0.96720645	0.90808284
Q9HC35	EML4	APVSSSTESVQSNTPTPPSQPLNETAEEESR	T897,T899	0.03159064	0.4684814	0.40879194
Q9HC35	EML4	APVSSSTESVQSNTPTPPSQPLNETAEEESR	T899	0.82645263	0.90542913	0.92458845
Q09472	EP300	TEIKEEEDQPSTSATQSSPAPGQSK	S1037	0.18981426	1.61109481	0.56436941
Q09472	EP300	EEEDQPSTSATQSSPAPGQSK	S1038	0.79986714	0.95601419	0.91398245
Q9H4G0	EPB41L1	GACSTPDMPOFEPVK	T686	0.04936993	0.73723588	0.44612288
Q9H4G0	EPB41L1	SLSPIIGK	S784	0.08504959	0.90573013	0.49347121
Q9H4G0	EPB41L1	LPSSPASPSPK	S544	0.11115503	0.77203727	0.51002233
Q9H4G0	EPB41L1	SLDGAEFRPASPVSSENHDAGPDGDK	S441	0.13620312	0.85212787	0.52288253
Q9H4G0	EPB41L1	HQASINELK	S510	0.18633796	0.78724605	0.55994868
Q9H4G0	EPB41L1	SLDGAEFRPASPVSSENHDAGPDGDK	S430,S441	0.43980852	0.83041663	0.72004085
Q9H4G0	EPB41L1	SEAEEGEVTRPTK	T475	0.50296209	1.07968221	0.75222795
P21709	EPHA1	LPSLSGSDGIPYR	S910	0.25500839	2.57195796	0.59742705
P29317	EPHA2	LPSTSGSEGVPPR	S899	0.14574813	1.68157034	0.53170891



P29317	EPHA2	LPSTSGSEGVPPFR	S897	0.14631428	0.66634383	0.53170891
P29317	EPHA2	QSPEDVYFSK	Y575	0.16185073	0.53575869	0.54196083
P29317	EPHA2	ARQSPEDVYFSK	S570	0.20066478	1.19890753	0.56975265
P29317	EPHA2	VLEDDPEATYTTSGGK	Y772	0.26340659	0.55659871	0.60212177
P29317	EPHA2	TYVDPHTYEDPNQAVLK	T593	0.28362727	0.34109939	0.61816331
P29317	EPHA2	VLEDDPEATYTTSGGK	S775	0.37138017	1.27814138	0.67459033
P29323	EPHB2	FLEDDTSDPTYTSALGGK	S776	0.03771975	0.83232625	0.43108921
Q9Y6I3	EPN1	SPGAFDMSGVR	S435	0.26225818	0.75288779	0.60088416
P58107	EPPK1	AEAEAGSPRPDPR	S2508	0.05434751	2.06189684	0.44840167
P58107	EPPK1	QVSASELHTSGILGPETLR	S2716	0.10127804	0.37123312	0.5018786
P58107	EPPK1	TLDELSQLGTTTVK	T1543	0.92052621	0.971481	0.96635781
P07814	EPRS	EYIPGQPPLSQSSDSSPTR	S886	0.03931214	1.22952962	0.43108921
P07814	EPRS	EYIPGQPPLSQSSDSSPTR	S882,S886	0.71253724	1.0663039	0.86856453
P42566	EPS15	LDSPDPFK	S796	0.38320167	0.8914239	0.67941113
P42566	EPS15	LNDPFPQPPGNDSPK	S814	0.95957881	1.00529661	0.98250904
Q9UBC2	EPS15L1	GSFGAMD DPFK	S593	0.43480699	0.90537521	0.71875302
Q12929	EPS8	DSVSSVSDISQYR	S58	0.04585531	0.65589205	0.44556992
Q12929	EPS8	SQMEEVQDELHHR	S685	0.10551324	0.5888087	0.50572948
Q8TE68	EPS8L1	DRSPAETPPLQR	S182	0.61802568	1.11506241	0.81837121
Q8TE68	EPS8L1	APEPQLSPGSDASEVR	S631	0.7546927	1.08156828	0.8884671
Q9H6S3	EPS8L2	HSPTEPTPPGDALPPVSSPHTHR	S463,T483	0.96384265	0.99046893	0.98250904
P21860	ERBB3	GESIEPLDPSEK	S686	0.15025146	0.86477718	0.53597354
P28715	ERCC5	ELTPASPTCTNSVSK	S526	0.01881451	1.40694006	0.37230658
P28715	ERCC5	NAPAAVDEGSISPR	S384	0.05971009	1.25056332	0.45298462
Q2NKX8	ERCC6L	IVSDGEDEDDDFK	S1028	0.24509993	0.9117548	0.58971922
P50548	ERF	GSVSDCS DGTSELEPLGEDPR	S187	0.3987641	0.86584822	0.69385814
Q5FWF5	ESCO1	LDSQVSPK	S412	0.1088571	0.81578947	0.51002233
Q56N19	ESCO2	VLSEPIGPESPSSTECPR	S512	0.21202481	0.59129592	0.57818431
P11474	ESRRA	GSSETETEPVALAPGPAPTR	S27	0.28681668	0.71832292	0.62030418
P14921	ETS1	LGGQDSFESIESYDSCDR	S251	0.14340164	0.63574971	0.5281867
Q6ZN32	ETV3L	FNFSK	S122	0.02639936	0.37192529	0.40703825
Q9H8M9	EVA1A	NVFTSAEELER	S114	0.11075662	1.27610719	0.51002233
Q06265	EXOSC9	APIDTSDVEEK	S306	0.9905928	1.00110193	0.99498584
Q13158	FADD	SGAMSPMSWNSDASTSEAS	S194	0.43512853	0.92388759	0.71875302
Q9UNN5	FAF1	TPSGEFLER	S582	0.14649314	1.20558771	0.53170891
Q5T9C2	FAM102A	SSSLDLTHR	S251	0.59514969	1.10048778	0.8067029
Q9BTL3	FAM103A1	RPPEPPIVEEWNRSR	S36	0.21139098	1.22120594	0.57694357
Q6P1L5	FAM117B	SASWGSTDQLK	S273	0.4047147	0.89980126	0.6993632
Q7Z309	FAM122B	RIDFTVPVSPAPSPTTR	S115,S119	0.36784193	1.09375	0.67368198
Q7Z309	FAM122B	IDFTVPVSPAPSPTTR	S115,S119	0.83956608	0.98515072	0.92977692
Q9BYI3	FAM126A	NAVTSMSIR	S321	0.2131696	0.76965858	0.5798357
Q96TA1	FAM129B	AAPEASSPPASPLQHLLPGK	S692,S696	0.19284911	0.8516147	0.5651429
Q8NC44	FAM134A	QALDSEEEEDVAAK	S385	0.02924853	1.18140104	0.40710444
Q86VR2	FAM134C	GQTPLTEGSELDLGHSDPEESFAR	S320	0.0444446	1.53674352	0.44293212
Q6UWZ7	FAM175A	GFGYRSRPTF	S406	0.12374427	1.7221252	0.5125107
P78312	FAM193A	LVLAE SPQPK	S1144	0.96682205	0.99322545	0.98452271
C9JLW8	FAM195B	SPSSSEIFTPAHEENVR	S21	0.41911971	0.91384262	0.709009
Q641Q2	FAM21A	TPSDDEEDNLFAPPK	S333	0.1472688	1.205158	0.53170891
Q641Q2	FAM21A	LAAQESSETEDMSVPR	S1054	0.45949741	1.10077646	0.72770675
Q641Q2	FAM21A	AVASPEATVSQTDENK	S498	0.56299191	0.89382954	0.78599368
Q641Q2	FAM21A	SRPTSFADELAAR	S288	0.73532148	1.05786021	0.87923537
Q641Q2	FAM21A	ETVSEAPPLLFSDDEEK	S728	0.79138053	0.97350207	0.90950965
Q9NYF3	FAM53C	SRSQPCDL DAR	S273	0.05373708	0.8248146	0.44612288
Q8N5J2	FAM63A	VLSLQGR	S441	0.05254096	2.38943604	0.44612288
Q7L4E1	FAM73B	NPETA SEPLSEPE SQR	S224	0.33777696	1.20617796	0.65781985
Q5HYJ3	FAM76B	ISNLSPEEEQGLWK	S193	0.31063893	1.1597984	0.63653708
Q6ZRV2	FAM83H	GSPTPGFSTR	S881	0.06179782	0.69014085	0.45713107
Q6ZRV2	FAM83H	RGSPVPPVPER	S914	0.09792405	0.69507692	0.5018786
Q6ZRV2	FAM83H	RSSPVPVPER	S925	0.12168499	0.81251032	0.51047563
Q6ZRV2	FAM83H	LDYVPSSASR	S516	0.13446601	0.59170282	0.52045275
Q6ZRV2	FAM83H	GSPTSAYPER	S870	0.19327896	0.81525215	0.5651429
Q6ZRV2	FAM83H	HGSDPAFAPGPR	S523	0.20076125	0.79310345	0.56975265
Q6ZRV2	FAM83H	RGSPPTGFIEQK	S892	0.29322831	0.8687291	0.62260296
Q6ZRV2	FAM83H	VPVPGPGSGGNGPER	S647	0.38266259	0.85474109	0.67941113
Q6ZRV2	FAM83H	RGSPPTGFIEQK	T894	0.39095093	0.73020076	0.68730666
Q6ZRV2	FAM83H	KGSPTPGFSTR	S881	0.73943639	1.09424084	0.88092337
Q6ZRV2	FAM83H	RLSLQGGDSTEAAATEER	S1003	0.80227626	1.01383043	0.91398245
Q96KN1	FAM84B	TTPPPGRPPASSEEDGEAVAH	T289	0.00737003	1.38146811	0.31708848
Q96KN1	FAM84B	LTHLSYK	S12	0.78381734	0.93457011	0.90598164
Q9HB96	FANCE	SLESADGGGSASPIK	S249	0.07237408	0.86092378	0.46528233
Q9NV11	FANCI	TIETSPLSR	S407	0.98100442	1.00440006	0.99052277
Q9Y4F1	FARP1	VSAGEPGSHSPAPR	S427	0.20665288	1.18385827	0.57287379
Q9Y4F1	FARP1	LGAPENS GISTLER	S23	0.27904891	0.79119094	0.61249442
Q94887	FARP2	DSSSSLTD PQVSYVK	S427	0.00340612	0.71814595	0.29204389
P49327	FASN	LGMLSPEGTCK	S207	0.13012202	1.19202567	0.5125107
P49327	FASN	ADEASELACPTPK	T2204	0.85959075	1.01956522	0.93886034
Q9NYQ8	FAT2	VGASDGVFR	S2457	0.14010845	0.72008038	0.52770768
Q9HCM7	FBRSL1	RPLEAGSPGQDLEPACD GAR	S141	0.15737795	1.24003738	0.53741649
Q9UKT5	FBXO4	SGTNSPPPPFSDWGR	S12	0.16553219	1.19476082	0.54308896
Q5XUX1	FBXW9	TWDDSDPESETDPDAQAK	S18	0.95697807	1.01483997	0.98250904
Q0JRZ9	FCHO2	NLSNEELTK	S403	0.47123828	1.18376229	0.73369435

Q96AC1	FERMT2	LSIMTSENHLNNSDK	S332	0.10019133	1.16460156	0.5018786
Q96AC1	FERMT2	LSIMTSENHLNNSDK	S339	0.68406846	0.89195248	0.85273769
Q6ZV73	FGD6	SSQLGDTTTHLSSGQK	S652	0.24349267	0.49342243	0.58932994
Q6ZV73	FGD6	AESLDDQMLSR	S721	0.592847	0.93685912	0.80595083
Q6ZV73	FGD6	AMCNETTSFEK	S410	0.7185478	1.08441787	0.87275421
Q6ZV73	FGD6	GVSSFDMPK	S553	0.7697754	1.0326306	0.89575562
Q6ZV73	FGD6	IEFADLSPSSFEK	S231	0.98954256	1.00306137	0.99486133
O95684	FGFR10P	GPTTGGALDLSDVHSPKSPGK	S156,S160	0.71835602	1.03888889	0.87275421
Q9C0D6	FHDC1	SSEENDVELTK	S499	0.06552765	0.67431331	0.46184181
Q6UN15	FIP1L1	DHSPTPSVFNSDEER	S492	0.20081614	1.0677016	0.56975265
Q6UN15	FIP1L1	ERDHSPTPSVFNSDEER	S492	0.25292787	1.11472448	0.59589813
Q6UN15	FIP1L1	DHSPTPSVFNSDEER	S492,S500	0.3621342	0.66808199	0.67098346
Q5T1M5	FKBP15	SSLSGDEEDELK	S1164	0.00221984	1.31484258	0.29204389
Q5T1M5	FKBP15	SSLSGDEEDELK	S1162	0.01244647	2.66837705	0.36467189
P62942	FKBP1A	GVQVETISPGDGR	S9	0.91983699	1.00582904	0.96626315
Q02790	FKBP4	SNTAGSQSQVETEA	S451	0.93081445	1.01725678	0.96968952
Q8NFG4	FLCN	AHSPAEGASVESSSPGPK	S62	0.09506458	1.18248773	0.5018786
Q13045	FLII	NAEAVLQSPGLSGK	S856	0.47359922	1.09242054	0.73588623
P21333	FLNA	CSGPGLSPGMVR	S1459	0.3832476	1.24678738	0.67941113
P21333	FLNA	AFGPGQLQGSAGSPAR	S1084	0.89915751	1.03800676	0.95668935
O75369	FLNB	YADEEIPRSPFK	S1505	0.49083235	1.06354697	0.7461947
O75369	FLNB	LDVTILSPSR	S983	0.88465292	1.05651054	0.94782143
Q96PY5	FMNL2	LLEQALMEQDQPKSPSHK	S1016	0.25152181	1.70942772	0.59589813
Q5TON5	FNBP1L	ESPEGSYDDANQEV	S501	0.26576162	0.71484375	0.60298408
Q5TON5	FNBP1L	TISDGTISASK	S295	0.68143913	0.97288136	0.85159594
Q8N3X1	FNBP4	ALEEGDGSVSGSSPR	S432	0.44896369	1.10030432	0.72381652
Q53EP0	FNDC3B	LNSSPSSIYK	S208	0.51917472	0.96092811	0.76095304
P15407	FOSL1	RRPCEQISPEEER	S101	0.82585805	1.01596639	0.92458845
P15408	FOSL2	QEPLLEEDSPSSSAGLDK	S232	0.3094808	1.17288557	0.63653708
P15408	FOSL2	SPPAPGLQPMR	S200	0.32232065	1.20080727	0.64145984
Q9Y261	FOXA2	AAAGAAQSAQALGEEAAGPASET	S303,S306	0.32735397	1.33255086	0.64787969
Q9Y261	FOXA2	AAAGAAQSAQALGEEAAGPASET	T301	0.41844981	1.19515885	0.70899112
Q9UPW0	FOXJ3	VTLYNTDQDQSDSPR	S223	0.45257453	1.08185024	0.72537341
P85037	FOXK1	EEAPASPLRPLYPQISPLK	S213,S223	0.06004247	0.54646988	0.45298462
P85037	FOXK1	SGGLQTPCLSRREGSPIPHDFEFGSK	S441,S445	0.4168582	1.19943396	0.70815406
P85037	FOXK1	SGGLQTPCLSR	S441	0.67496591	0.96022727	0.84997288
Q01167	FOXK2	EGSPAPLEPEPGAQPK	S398	0.40557149	1.09439587	0.6993632
Q8IVH2	FOXP4	RDSSSHEETPGSHPLYGHGECK	S291	0.11926396	0.47234264	0.51002233
Q8IVH2	FOXP4	RDSSSHEETPGSHPLYGHGECK	S293	0.13222131	0.54535975	0.51515209
Q6PJQ5	FOXR2	VVESLSSSEQSPQLK	S139	0.3611583	1.1424406	0.6705258
Q72616	FRMD5	ESEASTPATEVEALGGELR	S462	0.09396428	0.63913089	0.5018786
Q96NE9	FRMD6	GQSTDSLPTICR	S525	0.09323113	0.86343612	0.5018786
Q96NE9	FRMD6	HSLSLDDIR	S544	0.66180893	0.95781466	0.8423578
O94915	FRYL	SNTLDIMDGR	T1959	0.05228927	0.59427674	0.44612288
O94915	FRYL	SNTLDIMDGR	S1957	0.95987582	0.99479167	0.98250904
Q8IY81	FTSJ3	GTEASSGTEAATGLEEEK	S598	0.14041923	1.10298364	0.52770768
Q8IY81	FTSJ3	SDDDGFEIVPIEDPAK	S644	0.45348089	1.06142241	0.72537341
Q8IY81	FTSJ3	QQLPQTPPSCLK	T573	0.61049671	1.12882737	0.81488009
Q96AE4	FUBP1	QQAAYYAQTSPQGMPPAPQGG	S630	0.78957606	0.95454912	0.90808284
Q9BWH2	FUNDC2	SNQIPTEV	S151	0.15809256	0.70924574	0.53911902
P51114	FXR1	RGNPNYSGYGTNSELNPSETESER	S409	0.35309218	0.7689665	0.66702539
P51114	FXR1	DPDSNPYSLLDNTESDQTADTASESHSTNR	T491	0.35608663	0.57215599	0.66749635
P51114	FXR1	DPDSNPYSLLDNTESDQTADTASESHSTNR	S485	0.3757597	0.43826964	0.67604172
P51114	FXR1	DPDSNPYSLLDNTESDQTADTASESHSTNR	S499	0.38511494	0.5559336	0.68072033
P51114	FXR1	RGNPNYSGYGTNSELNPSETESER	S406,S409	0.54383427	0.81253661	0.77269004
P51116	FXR2	TGGPAYGPSSDVSTASETESEK	S453	0.41982192	0.6638624	0.70908142
P06241	FYN	LIEDNEY	Y420	0.64169532	0.91264559	0.83055345
O60353	FZD6	EQDCGEPASPAASISR	S620	0.6688858	1.03730445	0.84620611
Q9UM11	FZR1	RSSPDDGNDVSPYSLSPVSNK	S138	0.17224439	1.24645336	0.54690986
Q13283	G3BP1	SSSPAPADIAQTVQEDLR	S232	0.39212427	0.67779535	0.68861889
Q13283	G3BP1	SSSPAPADIAQTVQEDLR	S230	0.73954558	1.11652844	0.88092337
Q9UN86	G3BP2	STTPPPAEPVSLPQEPK	S225	0.29495202	0.7427729	0.6239444
Q9UN86	G3BP2	STTPPPAEPVSLPQEPK	T227	0.45112976	0.79016765	0.72422173
O14976	GAK	QPGSTAQYDAGAGSPEAEPTDSDSPSSADASR	S780	0.29294741	1.15400759	0.62260296
Q14C86	GAPVD1	SRSSDIVSSVR	S902	0.27285703	1.13973269	0.60684527
Q14C86	GAPVD1	LQELESCLGTSDDTDV	T747	0.63896658	0.88485387	0.83050209
Q14C86	GAPVD1	LQELESCLGTSDDTDV	S746	0.84351447	1.01918775	0.93159113
Q9H706	GAREM	SGSPDLSAQYFVK	S757	0.51348127	0.90825071	0.75868535
Q99501	GAS2L1	RYSGDSASSASSAQSGPLGTR	S352	0.19696835	1.03395465	0.56846559
Q92908	GATA6	NTSPPTQPTASGAGAPVMTGAGESTNPENSELK	T534	0.22177144	1.71092881	0.58267075
Q86YP4	GATAD2A	RPPSPDIVLSDNEQPSSPR	S100,S114	0.48162599	1.18889559	0.74108884
Q8WXI9	GATAD2B	LTPSPDIIVLSDNEASSPR	S129	0.41662284	1.33774045	0.70812712
Q8WXI9	GATAD2B	LTPSPDIIVLSDNEASSPR	S135	0.81112638	1.08827145	0.91877983
Q92538	GBF1	AASSSSPGSPVASSPSR	S1784	0.17251704	0.89184896	0.54723693
Q92538	GBF1	ADAPDAGAQSDSELSYHQNDVSLDR	S1298	0.29079066	1.13730804	0.62187612
Q92538	GBF1	GYTSDSEVYTDHGRPGK	S1318	0.63056874	0.8972332	0.82390229
P16383	GCFC2	RESEDDPESEDDHEK	S180	0.22715974	1.3741747	0.58267075
Q92616	GCN1L1	AVMLLHTHTITSR	T956,T958	0.75982979	0.93537642	0.88973173
Q9BZD3	GCOM2	VSSQAEDTSSFDNLFIDR	S179	0.09614305	0.65535122	0.5018786
Q8TEQ6	GEMIN5	ENSGPVENGVSQEGEEQAREPELPCGLAPAVSR	S778	0.27460197	0.48817925	0.60717337
Q8TEQ6	GEMIN5	ENSGPVENGVSQEGEEQAR	S778	0.55191419	0.92290869	0.78076677

Q8TEQ6	GEMIN5	LESIDGNEEESMK	S757	0.72278083	0.87161059	0.87410666
Q06210	GFPT1	VDSTTCLFPVEEK	S261	0.29910727	0.75681893	0.62631205
Q9UJ14	GGT7	LPSSSEMGSQDGSPLR	S72	0.31017703	1.22550336	0.63653708
Q6Y7W6	GIGYF2	WRPHSPDGPR	S236	0.35873578	1.14153202	0.66991323
Q6Y7W6	GIGYF2	VGVEASEETPQTSSSSARPGTSPDHQSQEASQFER	S384	0.79983374	0.91878173	0.91398245
Q6Y7W6	GIGYF2	VGVEASEETPQTSSSSARPGTSPDHQSQEASQFER	T382	0.86765554	0.94345352	0.94208744
Q9Y248	GINS2	TNLQPLESTQSQDF	S182	0.42673149	0.92501274	0.7137923
Q9Y2X7	GIT1	HGSGADSDYENTQSGDPLLGLLEGK	S592	0.44829116	0.93604136	0.72373014
Q53G57	GLE1	SPDASSAFSPASPATPNGTK	S88	0.15127696	1.52423458	0.53741649
P10075	GLI4	SPGSQAPDEGAGGALR	S86	0.17050646	1.23003195	0.54531589
P49915	GMPS	TLNMTTSPEEK	S332	0.08590321	1.16476775	0.49557355
P36915	GNL1	EEQTDTSDGESVTHHIR	S51	0.00915321	1.28600134	0.33303827
P36915	GNL1	REEQTDTSDGESVTHHIR	S51	0.0747749	1.21685304	0.47168775
P36915	GNL1	REEQTDTSDGESVTHHIR	T50	0.30355541	1.1689038	0.63144863
Q13439	GOLGA4	TSSFTEQLDEGTPNR	S40	0.22587133	1.13342898	0.58267075
Q13439	GOLGA4	VPSVESLFR	S71	0.47616745	1.17182167	0.73745376
Q13439	GOLGA4	EENPESDGEPVVEDGTSVK	S266	0.75057786	1.02529995	0.88774061
Q3T8J9	GON4L	TCPVHESPSGIDTSETSPK	S2107	0.06285798	0.82891832	0.45900028
Q3T8J9	GON4L	VEHSPGPPADAECQEGLENSACR	S1268	0.86683941	0.97891566	0.94208744
Q9NWQ4	GPATCH2L	SPSSEWLVR	S447	0.23265524	1.24927725	0.58402949
Q5T310	GPATCH4	DLESCDDDNQGSK	S130	0.36303353	1.21246613	0.67152877
Q9UKJ3	GPATCH8	GPKPEPPGSGSPAPPR	S740	0.70123943	1.04009034	0.86274503
Q9HCN4	GNP1	GTLDEEDEEADSDTDDIDHR	S338	0.22942943	0.6544702	0.58267075
Q9Y653	GPR56	LPISGSTSSSR	S687	0.11714524	1.66044054	0.51002233
Q8NFJ5	GPRC5A	AHAWPSPYK	S345	0.05886162	0.66059917	0.45298462
Q9NQ84	GPRC5C	AFSMDPEVAAK	S344	0.23716388	0.65408476	0.58536202
Q9NQ84	GPRC5C	VPSEGAYDIILPR	Y387	0.72152657	1.04656055	0.87405855
Q7Z2K8	GPRIN1	SPSGAGEGASCSDGPR	S73	0.34801358	1.14836438	0.6638961
Q13098	GPS1	EGSQGELTPANSQSR	T479	0.01757713	0.6719338	0.36782257
Q13098	GPS1	SPPREGSGELTPANSQSR	S468	0.17791606	1.43241355	0.55295852
Q13098	GPS1	EGSQGELTPANSQSR	S474	0.50726667	1.128	0.75342646
P81274	GPSM2	RHSMENMELMK	S408	0.78253844	0.93780783	0.90515203
Q9Y3R0	GRIP1	RQSIPEEFK	S43	0.28870081	1.09134615	0.62154849
Q8NEC7	GSTCD	VHTQETSEGLDSSSK	S233	0.28408524	1.77046007	0.61816331
P35269	GTF2F1	GNSRPGTSPAEGGSTSSTLR	T389	0.01478307	1.2079646	0.36631449
P35269	GTF2F1	GNSRPGTSPAEGGSTSSTLR	T389,S385	0.78327898	0.932282	0.90568387
P35269	GTF2F1	GNSRPGTSPAEGGSTSSTLR	S385	0.95959122	1.00916461	0.98250904
P78347	GTF2I	SILSPGSGCGPIK	S210	0.90157816	0.96356188	0.95772102
Q12789	GTF3C1	KNSSTDQGSDEEGLQK	T1064,S1068	0.08032529	1.17168863	0.48773691
Q12789	GTF3C1	RASWASENGETDAEGTQMTPAK	S1868	0.10164019	1.33385254	0.50213058
Q12789	GTF3C1	RASWASENGETDAEGTQMTPAK	S1865	0.28621901	1.36449847	0.61994998
Q12789	GTF3C1	KNSSTDQGSDEEGLQK	S1062	0.52546211	1.20412634	0.76473579
Q12789	GTF3C1	TSQPPVPQGEAEEDSQGK	S739	0.71179846	1.05432596	0.86848027
Q12789	GTF3C1	AGVRPSSGSAWEACSEAPSK	S845	0.79183943	1.08975938	0.90971296
Q8WUA4	GTF3C2	LDLRPESQSPK	S167	0.63447782	1.07407407	0.82701539
Q9Y5Q9	GTF3C3	GKLSAEENPDDSEVPSSGINSTK	S43	0.02891933	1.30237581	0.40710444
Q9UKN8	GTF3C4	EGDVEEPTDSDLPTGDAGGREPMEEK	S652	0.07159995	1.58855186	0.46528233
Q9UKN8	GTF3C4	ILLVDSPGMGNADDEQEEGTSSK	S611	0.13106675	1.30341675	0.5125107
Q9UKN8	GTF3C4	VGPADDGPAPSGEEEGEGGEGAGGK	S19	0.16414963	1.28299871	0.54196083
075367	H2AFY	LEAIITPPPAK	T129	0.84826512	1.02034685	0.93278712
P49590	HARS2	DLSPQHVVVR	S67	0.99323991	0.99925094	0.99524397
014929	HAT1	LISPYK	S361	0.839012	0.97349398	0.92948239
Q7Z4H7	HAUS6	TPENLITEIR	T584	0.178165	0.74229915	0.55295852
Q7Z4H7	HAUS6	AVLSDSPQLSEK	S552	0.29317276	0.80197084	0.62260296
Q13547	HDAC1	IACEEFSDEEEGEGGR	S423	0.20233784	1.372455	0.57057857
Q92769	HDAC2	MLPHAPGVQMQAIPEDAVHEDSGDEGEDPDK	S394	0.22304594	0.34391883	0.58267075
Q92769	HDAC2	IACDEEFSDEEDEGEGGR	S422	0.54204401	1.15924117	0.77202382
P56524	HDAC4	QEPIESDEEEAEPPEVEPGQR	S565	0.22850116	1.21519633	0.58267075
P51858	HDGF	AGDLLEDSPK	S165	0.24529119	1.23974082	0.58971922
P51858	HDGF	RAGDLLEDSPK	S165	0.42810422	1.18669778	0.7137923
P51858	HDGF	SCVEEPEPEAAEGDGDK	S107	0.51529187	1.07003335	0.75905552
Q7Z4V5	HDGFRP2	ADSDGAKPEPVAMAR	S240	0.20502049	1.10095883	0.57194083
Q7Z4V5	HDGFRP2	EGPDLDRPGSDRQER	S652	0.32597246	1.23563778	0.64673257
Q7Z4V5	HDGFRP2	ARGDSEALDEES	S664	0.56546745	0.92602041	0.78867185
Q00341	HDLBP	VATLNSEESDPPTYK	S31	0.27338788	1.12246417	0.60684527
Q9ULT8	HECTD1	VSTLAGPSSDDENEESKPEK	S632	0.69002431	0.92195094	0.85682002
Q9ULT8	HECTD1	VSTLAGPSSDDENEESKPEK	S631	0.91377005	1.01118964	0.9646015
Q42694	HELZ	RISSSSVQPCSEEVSTPQDLSLAQCK	S1764	0.36999053	0.86776053	0.67368198
Q96MH2	HEXIM2	TQSPGGCSAEAVLAR	S76	0.52264655	1.05183485	0.76304189
Q8IV36	HID1	TGSEQGTSMEGSRPAAEPGTLK	S593	0.00783326	1.99319166	0.31987481
Q8IV36	HID1	SLEPEPQSLSDGSPAK	S653	0.60589312	1.06593574	0.81239035
Q9BW71	HIRIP3	EESESEAEVPQR	S196	0.02338674	1.80221326	0.39017457
Q9BW71	HIRIP3	ESEQESEEILAQK	S227	0.09729719	1.26978417	0.5018786
Q9BW71	HIRIP3	EVSDEAGGGPQGER	S370	0.22882613	1.2403011	0.58267075
Q9BW71	HIRIP3	SLKESEQESEEILAQK	S223,S227	0.29238434	0.58002199	0.62260296
Q9BW71	HIRIP3	NGVAAEVSPAK	S125	0.55530165	1.06918745	0.78182069
Q9BW71	HIRIP3	RPPTPCSDPER	T84,S87	0.76909716	0.94539007	0.89570666
P16401	HIST1H1B	SETAPAEATATPAPVEK	T11	0.49247134	0.58002103	0.74766286
P16403	HIST1H1C	KASGPPVSELITK	S36	0.33517917	1.40829322	0.65720257
P16403	HIST1H1C	ASGPPVSELITK	S36	0.37969867	1.2983243	0.67779179
Q8NCD3	HJURP	GGPASPGLQGLETR	S473	0.90539673	0.97777028	0.95963537

P30443	HLA-A	KGGSYTAASSDSAQGSVDVSLTACK	Y344	0.12140413	1.5760347	0.51015063
P30443	HLA-A	GGSYTAASSDSAQGSVDVSLTACK	S356	0.31178028	1.26313666	0.63653708
P30443	HLA-A	GGSYTAASSDSAQGSVDVSLTACK	S349	0.55546488	0.8272551	0.78182069
P30443	HLA-A	GGSYTAASSDSAQGSVDVSLTACK	S352	0.68443051	0.73135712	0.85273769
P30443	HLA-A	GGSYTAASSDSAQGSVDVSLTACK	T345	0.80901777	1.05201032	0.91703842
P30443	HLA-A	GGSYTAASSDSAQGSVDVSLTACK	S343	0.93221705	1.01849406	0.9704202
Q9NP66	HMG20A	SPLTGYVR	S105	0.90603259	0.99152542	0.95988871
P17096	HMGA1	EEEEGISQESSEEEQ	S103	0.00705145	1.94308004	0.31708848
P17096	HMGA1	EEEEGISQESSEEEQ	S99	0.15964342	2.49204469	0.54154538
P17096	HMGA1	EPSEVPTPK	T53	0.9600477	0.99175824	0.98250904
P52926	HMGA2	KPAQEETEETSSQESAED	S105	0.02231968	1.75935225	0.38299619
P52926	HMGA2	QQQEPTGEPSPK	S44	0.5766513	1.07543401	0.7967435
Q9UGU5	HMGXB4	ASSVGLVSPQK	S497	0.05236548	0.78773749	0.44612288
Q92619	HMHA1	SSFNVSDVARPEAAGSPPEEGCTEGTPAK	S578	0.39870809	0.83517828	0.69385814
Q9UK76	HN1	NSSEASSGDFLDLK	S87	0.31140171	0.95412065	0.63653708
Q9UK76	HN1	RNSSEASSGDFLDLK	S87	0.42783265	0.9207847	0.7137923
Q9UK76	HN1	RNSSEASSGDFLDLK	S88	0.44607187	0.92361721	0.72351031
Q9UK76	HN1	MASNIFGTPEENQASWAK	T54	0.84659373	0.92901389	0.93243816
Q9UK76	HN1	SSGGREDLESSGLQR	S71	0.95920394	1.00784929	0.98250904
Q9H910	HN1L	TSDFGSPVTATSR	S97	0.69496409	0.92936565	0.85898626
Q14541	HN4G	QISVSPGSSDINVK	S121	0.81509323	1.12315493	0.91990355
Q13151	HNRNPA0	EDIYSGGGGGGSR	S188	0.23724847	1.19709959	0.58536202
P09651	HNRNPA1	SESPKEPEQLR	S6	0.02069155	1.10292249	0.37949754
P09651	HNRNPA1	NQGGYGGSSSSSYGSGR	S362	0.03881821	0.72142884	0.43108921
P09651	HNRNPA1	NQGGYGGSSSSSYGSGR	S368	0.84087277	1.06232558	0.93058509
P22626	HNRNPA2B1	GFGDGYNGYGGPGGGNFGGSPYVGGGR	S259	0.18515014	0.55064854	0.55994868
P22626	HNRNPA2B1	GGNFGFGDSR	S212	0.34349468	1.20770289	0.66290366
P51991	HNRNPA3	SSGSPYGGYGGGSGGYGSR	S358	0.64461806	0.82909615	0.83115022
P07910	HNRNPC	EAEEGEDDRDSANGEDDS	S299	0.22718633	0.5	0.58267075
P07910	HNRNPC	MESEGGADDSAEEDLLDDDDNEDR	S260	0.2653079	0.69942197	0.60298408
Q14103	HNRNPD	IFVGGLSPDTPEEK	S190	0.01883139	1.34146661	0.37230658
O14979	HNRNPD	VFVGGLSPDTSEEQIK	S241	0.06814207	1.36518771	0.4637455
P31943	HNRNPH1	HTGPNSPDTANDGFVR	S104	0.11581711	1.19463944	0.51002233
P31943	HNRNPH1	HTGPNSPDTANDGFVR	T100	0.4342523	1.09960588	0.71865424
P31943	HNRNPH1	HTGPNSPDTANDGFVR	T107	0.98040171	1.0026824	0.99052277
P61978	HNRNPK	DYDDMSPR	S284	0.1425763	1.19086935	0.5281867
P61978	HNRNPK	RDYDDMSPR	S284	0.53076377	1.06425703	0.76679083
Q8WVV9	HNRNPL	TEEGEIDYSAEENRR	S35	0.49566486	0.7997365	0.74968842
P52272	HNRNPM	MGLSMER	S528	0.83594163	0.95343859	0.92778088
P52272	HNRNPM	MGANSLER	S575	0.9182694	1.01961759	0.96556856
Q00839	HNRNPU	LQALDDEEAGGRPAMEPGNGSLDLGGDSAGR	S59	0.24245952	0.31230612	0.58886046
Q1KMD3	HNRNPUL2	EEDEPEERSGDETPGSEVPGDK	S161	0.03041921	1.53009898	0.40879194
Q1KMD3	HNRNPUL2	SGDETPGSEVPGDK	S161	0.72593377	0.95412552	0.87523758
P35367	HRH1	SGSNTGLDYIK	S380	0.22195125	0.87092564	0.58267075
Q53T59	HS1BP3	KLSPQDPSDEVSSVDPLK	S249	0.45800554	0.89954568	0.72748678
Q00613	HSF1	GHTDTEGRPPSPPTSTPEK	S363	0.00148318	1.73739742	0.24972095
Q00613	HSF1	GHTDTEGRPPSPPTSTPEK	T369,S363	0.08966209	0.65937007	0.4960359
Q00613	HSF1	EPPSPPPQSPR	S303,S307	0.34562685	1.12049175	0.66293814
P07900	HSP90AA1	ESEDKPEIEDVGSDEEEEEK	S252	0.19245839	1.41568722	0.5651429
P07900	HSP90AA1	ESEDKPEIEDVGSDEEEEEK	S263	0.4745991	0.90103567	0.73608495
P07900	HSP90AA1	ESEDKPEIEDVGSDEEEEEK	S263	0.69393332	1.18148272	0.85860808
Q14568	HSP90AA2	DKPEIEDVGSDEEEEEK	S263	0.31580001	1.28750747	0.63800725
Q14568	HSP90AA2	DKPEIEDVGSDEEEEEK	S263	0.40415961	0.74214307	0.6993632
P08238	HSP90AB1	IEDVGSDEEDDSGK	S255	0.08800307	1.20119403	0.4960359
P08238	HSP90AB1	EISDDEAEEEEK	S226	0.09913781	1.19173002	0.5018786
P08238	HSP90AB1	IEDVGSDEEDDSGKDK	S255	0.42244042	1.11939806	0.71201295
P14625	HSP90B1	EESDDEAAVEEEEEEK	S306	0.00840805	3.06616729	0.3318662
P14625	HSP90B1	EKEESDDEAAVEEEEEEK	S306	0.03535379	6.46164817	0.42085354
P08107	HSPA1A;HSPA1B	GGSGSGPTIEVD	S633	0.46278494	1.16713352	0.72897667
P34932	HSPA4	NAEQNGPVDGQGDNPGPQAAEQGTDAVPSDSDK	S830	0.05767191	1.23365006	0.45298462
P04792	HSPB1	GPSWDPFRR	S15	0.13544511	0.74877879	0.52141517
P04792	HSPB1	QLSSGVSEIR	S82	0.50341676	0.79273085	0.75255906
Q9NZL4	HSPBP1	LLQTCFSSPADDSMDR	S354	0.71302679	1.10951217	0.86856453
P10809	HSPD1	TVIIEQSWGSPK	S70	0.27119172	1.12529366	0.60553604
Q92598	HSPH1	NVQQDNSEAGTQPQVQTDAAQTSQSPSPPELTSEENK	S562	0.05622088	1.29666959	0.45298462
Q92598	HSPH1	NVQQDNSEAGTQPQVQTDAAQTSQSPSPPELTSEENKIPDADK	S557	0.13064213	2.78917883	0.5125107
Q92598	HSPH1	NVQQDNSEAGTQPQVQTDAAQTSQSPSPPELTSEENK	S557	0.43008088	1.17948718	0.71554457
O43719	HTATSF1	ESEDDLKESSEEEVGPTK	S529	0.00117716	1.55558253	0.22363976
O43719	HTATSF1	NDCEENGLAKESDDLK	S521	0.09178802	1.20225989	0.49933922
O43719	HTATSF1	LFEDDSDNEK	S702	0.13026087	1.14193308	0.5125107
O43719	HTATSF1	VFDDDESDEK	S642	0.32225722	0.84883167	0.64145984
O43719	HTATSF1	LFEEESDDKEDEDADGK	S676	0.52475102	1.06791569	0.76426492
O43719	HTATSF1	LFDDSDER	S721	0.626022	0.9488959	0.82174981
P42858	HTT	EPGEQASVPLSPK	S1199	0.20548029	0.88	0.57194083
Q7Z627	HUWE1	EESPMVDVQPPSPAQDTQSIASDGTQPQGEK	S3816	0.02551115	1.40521695	0.4040435
Q7Z627	HUWE1	GGGTASDDEFENLR	S1907	0.02715305	1.13159455	0.40703825
Q7Z627	HUWE1	GNDTPLALESTNTEK	T1722	0.03527891	0.59266551	0.42085354
Q7Z627	HUWE1	REESPMVDVQPPSPAQDTQSIASDGTQPQGEK	S3816	0.11744714	1.2245935	0.51002233
Q7Z627	HUWE1	DLMSSEEDQMMR	S1368	0.12962516	0.90517858	0.5125107
Q7Z627	HUWE1	AGSSTPGDAPPAVAEVQGR	T2889	0.15331171	1.16084977	0.53741649
Q7Z627	HUWE1	REESPMVDVQPPSPAQDTQSIASDGTQPQGEK	S3824	0.15579175	1.15275334	0.53741649

Q7Z6Z7	HUWE1	AQCETLSPDGLPEEQPQTTK	S3662	0.26818705	0.84130501	0.60403212
Q7Z6Z7	HUWE1	REESPMVDVQSPSAQDTQSIASDGTPOQEK	T3822,S3818	0.4161711	0.85430501	0.70812712
Q9P2D0	IBTK	DLQSPDFTTGFHSDK	S1045	0.09535279	1.60082337	0.5018786
Q5TF58	IFFO2	VASDDDISEQDGEVNR	S333	0.16418663	0.81054204	0.54196083
Q16666	IF16	EVDATSPAPSTSTVK	S106	0.11427079	1.20882607	0.51002233
Q16666	IF16	VSEEQTPPSPAGAGMSTAMGR	S153	0.22857216	1.42700601	0.58267075
P08069	IGF1R	ALPLPQSSTC	T1366	0.14149633	1.55881081	0.52770768
Q9Y6M1	IGF2BP2	ISYIPDEEVSSPSPQR	S164	0.02559359	1.3910387	0.4040435
Q9Y6M1	IGF2BP2	ISYIPDEEVSSPSPQR	S162	0.39791787	1.10520164	0.69313339
Q9NPH3	IL1RAP	RSSSDEQGLSYSSLK	S556	0.11003205	1.26260503	0.51002233
Q9NPH3	IL1RAP	SSSDEQGLSYSSLK	S555	0.78150894	0.93873469	0.90493462
Q12906	ILF3	GSSEQAESDNMDVPPEDDSK	S62	0.43440043	0.84339556	0.71865424
Q12906	ILF3	VLQDMGLPTGAEGRDSSK	S476	0.91800778	1.02662896	0.96556856
Q12906	ILF3	VLQDMGLPTGAEGRDSSK	S477	0.92843957	1.01932713	0.96804979
P12268	IMPDH2	GMGSLDAMDK	S416	0.57058212	1.09749304	0.79135766
Q8NI35	INADL	RLFDEASVDEPR	S645	0.06492627	0.81080352	0.46140392
Q8NI35	INADL	LFDEASVDEPR	S645	0.14760231	0.84768898	0.53170891
Q8NI35	INADL	VPDSPENELK	S522	0.38300871	1.10106383	0.67941113
Q9NQ57	INCENP	IAQVSPGPR	S263	0.50610473	0.85851174	0.75314323
Q27J81	INF2	GARPPAAGPGGDEDEEDTAPESALDTSLDK	S1188	0.21092509	1.24567474	0.57664775
Q27J81	INF2	GARPPAAGPGGDEDEEDTAPESALDTSLDK	T1179	0.84154989	1.0495599	0.93101506
Q8WYH8	ING5	MEGSDFESSGGR	S118	0.77605623	0.9599636	0.9005906
Q9C086	INO80B	AWLDEDSNLSPLR	S132	0.7113949	1.08270302	0.86831628
Q96PE3	INPP4A	ASPTSTEEQVMLR	S487	0.75943888	1.0566975	0.88966056
Q8N201	INTS1	SSPEQPIGQGR	S1327	0.08961902	1.17570499	0.4960359
Q8N201	INTS1	LSPEQEQQLMPR	S307	0.88662401	1.01150252	0.94861919
Q9NVR2	INTS10	STQIENQHQAQDTSDLMSPSK	S231	0.44811131	1.11374408	0.72373014
Q96CB8	INTS12	LEKPETQSSPITVQSSK	S128	0.15188552	1.36366128	0.53741649
Q68E01	INTS3	DESCYDNAEAAFSDDDEEDLNSK	S537	0.28439305	0.44660533	0.61822909
Q6DN90	IQSEC1	MQFSFEGPEK	S180	0.26471939	0.94276917	0.60298408
Q6DN90	IQSEC1	NSWDSPAFSNDVIR	S512	0.5672639	0.91059264	0.78987432
Q8IU81	IRF2BP1	AGGASPAASSTAQPPTQHR	S453	0.41054653	1.14199107	0.70298466
Q7Z5L9	IRF2BP2	RPASVSSAAVEHEQR	S240	0.05521331	0.564906	0.45081948
Q7Z5L9	IRF2BP2	KPSPEPEGEVGGPK	S360	0.55081739	0.90824645	0.77970026
Q7Z5L9	IRF2BP2	NSNSPPSPSSMNQR	S460	0.72742694	1.03256936	0.87523758
Q7Z5L9	IRF2BP2	RKPSPEPEGEVGGPK	S360	0.78632956	1.0321463	0.9069357
Q7Z5L9	IRF2BP2	LEEPPELNRQSPNPR	S175	0.83871484	1.03030303	0.92947238
Q9H1B7	IRF2BPL	NSSSPVSPASVPGQR	S659	0.02631073	1.44926041	0.40703825
Q9H1B7	IRF2BPL	RNSSSPVSPASVPGQR	S657,S662	0.13061699	0.78852819	0.5125107
Q9H1B7	IRF2BPL	KASPEPPDSAEGALK	S547	0.22586678	1.12871888	0.58267075
Q9H1B7	IRF2BPL	ASPEPPDSAEGALK	S547	0.39682191	1.10114759	0.69247075
Q9H1B7	IRF2BPL	RNSSSPVSPASVPGQR	S657,S659	0.82656947	0.96306376	0.92458845
O14896	IRF6	HSPQEEENTIFK	S47	0.03473183	0.6512018	0.41964372
O14896	IRF6	LQISTPDIK	S424	0.50151023	0.94093686	0.75168596
P35568	IRS1	KGSGDYMPMSPK	S629,S636	0.00985865	0.43770683	0.34197858
P35568	IRS1	ASSDGEGTMSRPASVDGSPVSPSTNR	T351,S329	0.08619375	1.40312876	0.49557355
P35568	IRS1	KGSGDYMPMSPK	S629	0.12848848	1.34219786	0.5125107
P35568	IRS1	VNLSPNR	S1078	0.1435895	0.7886167	0.5281867
P35568	IRS1	HSSETFSSTPSATR	T1103	0.18239944	0.87456125	0.55721647
P35568	IRS1	RHSSETFSSTPSATR	S1100	0.28919538	1.17996604	0.62154849
Q9Y4H2	IRS2	ASSPAESSPEDSGYMR	S731	0.00719141	2.16951024	0.31708848
Q9Y4H2	IRS2	SSEGGVGVGGGDEPPTSPR	S1203	0.00754835	1.47385588	0.31708848
Q9Y4H2	IRS2	TYSLTTPAR	S577	0.05873033	0.65769281	0.45298462
Q9Y4H2	IRS2	HNSASVENVSLR	S1176	0.07995652	1.35185185	0.48759875
Q9Y4H2	IRS2	HNSASVENVSLR	S1174	0.17887935	0.87526653	0.55295852
P16144	ITGB4	VLSTSTLTR	S1483	0.02090501	0.51620639	0.37949754
P16144	ITGB4	LTAGVPDTPTR	T1530	0.21789795	1.19186653	0.58142167
P16144	ITGB4	DYSTLTSVSHDSR	S1518	0.40780349	1.11657754	0.70014585
Q15811	ITSN1	STSMDSGSSSPASLK	S978	0.27875877	1.21437196	0.61249442
Q965T2	IWS1	HQASDSENEPPKPR	S196	0.07530043	2.20150083	0.47168775
Q965T2	IWS1	GPASDSETEDASR	S313	0.11673332	1.28444451	0.51002233
Q965T2	IWS1	HQASDSENEPPKPR	S196,S198	0.117947	0.71102184	0.51002233
Q965T2	IWS1	HPASDSEIEELQK	S157	0.44829125	1.0629742	0.72373014
P78504	JAG1	THNSEVEEDMDK	S1154	0.46508375	0.86408859	0.73010228
Q15652	JMJD1C	TSPLVQNNNEQGSLR	T2052	0.35735251	1.10387801	0.66868863
Q6NYC1	JMJD6	TCSMVGNGDTSQDDCVSK	S381	0.81143922	1.04718493	0.91877983
Q8N9B5	JMY	GAASPVLQEDHCDLSPVLQVEEK	S713	0.21924877	0.22676481	0.58267075
O75564	JRK	EAEGGRPPAATSPAEEVWSSEK	S409	0.98540974	0.99718466	0.99242732
P05412	JUN	NSDLLTSPDVGLLK	T62	0.70015537	0.92059337	0.86274503
P17275	JUNB	SRDATPPVSPINMEDQER	S251	0.12465661	1.28914391	0.5125107
P17275	JUNB	DATPPVSPINMEDQER	T255,S259	0.14211384	0.85210662	0.52817885
P17275	JUNB	SRDATPPVSPINMEDQER	T255,S259	0.52017538	0.9005291	0.76172754
O60229	KALRN	SFDLGSPPKPGDETTQGDSDADEK	S1799	0.04428455	1.82550647	0.44293212
O60229	KALRN	WLTSPPVR	S1773	0.48661137	0.95819195	0.74328043
Q14678	KANK1	SYSAGNASQLEQLSR	S325	0.60661357	0.91510312	0.81240705
Q7Z3B3	KANSL1	TFPLAHSQAECEDQLDAQER	T1039	0.24396268	0.73332514	0.58932994
Q7Z3B3	KANSL1	LSPGTDSSSNLGGVK	S249	0.43545736	1.08969107	0.71892806
Q92993	KAT5	NGLPGSRPGSPER	S90	0.4486577	1.21368733	0.72373014
Q92794	KAT6A	KSSTSDWPTDNQDGDWDGK	S447	0.19384977	1.53245377	0.56542437
Q92794	KAT6A	RLSEGVEPWR	S941	0.75734674	0.9577573	0.88966056
Q92794	KAT6A	SSTSDWPTDNQDGDWDGK	S447	0.82417929	0.97545785	0.92458845

O95251	KAT7	SSGSETEQVVFSDR	S102	0.00820205	1.56318888	0.33074779
O95251	KAT7	RNAGSSSDGTEDSDFSTDLEHTDSSSEDGTSR	S10	0.96423547	0.98843829	0.98250904
O60341	KDM1A	LP PPPQAPPEEENESEPEEPSGVGEEAFAQSR	S166	0.92661479	1.02508692	0.96756561
Q9Y2K7	KDM2A	YEDDGISDDEIEGK	S28	0.10143957	0.74458558	0.50190803
Q9Y2K7	KDM2A	MEESDEAVQAK	S692	0.12658286	1.28689514	0.5125107
Q9Y2K7	KDM2A	RYEDDGISDDEIEGK	S28	0.2238143	0.79793363	0.58267075
Q8NHM5	KDM2B	APKPPTDGTSTPTSPSEDQEALGK	T444	0.29649474	1.21473354	0.62494294
P29375	KDM5A	VEPEVLSTDTQTSPEPGTR	S204	0.77551121	1.0385142	0.90057565
P41229	KDM5C	VQGLLENGDSVTSPEK	S1359	0.06746731	0.79154079	0.4637455
Q07666	KHDRB51	SGSMDPSGAHPSVR	S18	0.15511748	0.83381924	0.53741649
Q07666	KHDRB51	SGSMDPSGAHPSVR	S20	0.2028144	0.81605976	0.57092431
Q92945	KHSRP	VQJSPDSGGLPER	S181	0.19199307	1.17326916	0.5651429
Q92628	KIAA0232	NFETTQVCNESPHGDGYSSGVK	S814	0.45919585	1.19477265	0.72770675
Q6ICG6	KIAA0930	VSTGDTSPCGTEEDSSPASPMPHER	S267	0.00604922	1.4347253	0.31475473
Q6ICG6	KIAA0930	VSTGDTSPCGTEEDSSPASPMPHER	S279,S262	0.48436504	1.10570617	0.74167539
Q9Y2F5	KIAA0947	SELCSPLGK	S532	0.03163952	0.765265	0.40879194
Q9Y2F5	KIAA0947	SELCSPLGK	S533	0.11335763	0.73901058	0.51002233
Q9Y2F5	KIAA0947	LDTGSPPEPTR	S1854	0.41751659	1.14957694	0.70852632
Q9Y2F5	KIAA0947	SISPEVSASR	S925	0.49023677	0.95343242	0.74595805
Q9Y2F5	KIAA0947	ETTGSSSHASEPTPQAAAALDTGESSPISGMPQENPQRPEAR	S1330	0.72873283	0.89246653	0.87589125
Q2LD37	KIAA1109	VVFENEQDNSSLTK	T2757	0.53765245	0.95955021	0.77155648
Q96AT1	KIAA1143	IQPQPDEDGDHSDK	S50	0.11921081	0.67302805	0.51002233
Q96AT1	KIAA1143	NSSLLSFDNEDENE	S146	0.52745526	1.11036452	0.76612818
Q96A73	KIAA1191	QPASAQSTPSTPHSSPK	S182	0.01898791	0.45446714	0.37230658
Q96A73	KIAA1191	QPASAQSTPSTPHSSPK	T178	0.04719899	0.48136654	0.44612288
Q5T5P2	KIAA1217	RQEQPSIESTSPISR	S1650	0.20644446	1.25577741	0.57287379
Q5T5P2	KIAA1217	RQEQPSIESTSPISR	T1649	0.96303449	1.01300141	0.98250904
Q69YN4	KIAA1429	EDYFEPISDR	S222	0.25532249	0.92328783	0.59772886
Q69YN4	KIAA1429	SFLSEPPSGR	S1579	0.58519901	1.03743778	0.80108627
Q9P206	KIAA1522	CSLHSPASASR	S325	0.18066283	0.90721358	0.55295852
Q9P206	KIAA1522	GLAGPPASPGK	S545	0.23557869	0.87952522	0.58536202
Q9P206	KIAA1522	FSSVSPQPR	S342	0.42105384	0.89344262	0.71004687
Q9P206	KIAA1522	LQLERPVSPTQADLQR	S929	0.53428113	0.91077441	0.76972936
Q9P206	KIAA1522	DQSPPPSPPPSYHPPPPPTK	S669,S673	0.66788914	0.91689972	0.84569578
Q9P206	KIAA1522	GSPSGGSTAEASDLSIR	S404	0.67678168	0.9278046	0.85019381
Q9HCM1	KIAA1551	HSSLGQSLSPEK	S1358	0.95013518	0.99330544	0.97916383
Q9BY89	KIAA1671	STSVDHSTDLLESTDMEGPPPPDACPEK	S1602	0.06163968	1.31701165	0.45713107
Q9BY89	KIAA1671	LSLSSQTEPTSAGDYDCSR	S1574	0.20711342	0.82107647	0.57287379
Q9BY89	KIAA1671	GRPSLTGENLEAK	S1441	0.31368467	0.6966857	0.63653708
Q9BY89	KIAA1671	GGSSVEAPCPSDVTPEDDR	T600	0.52733272	1.09653725	0.76612818
Q9BY89	KIAA1671	SWLSLK	S767	0.82653975	1.1037726	0.92458845
Q9BY89	KIAA1671	RSPTVEPSTLPR	S1224	0.9014985	1.02536205	0.95772102
Q9ULH0	KIDINS220	QMSFDLTK	S918	0.4511742	1.12889046	0.72422173
Q9ULH0	KIDINS220	LPSDEDESGETEESDNTPLLK	S1521	0.46132042	1.10031346	0.72844819
P52732	KIF11	LDIPTGTTTQR	T926	0.31097716	0.78527612	0.63653708
Q9NS87	KIF15	QLEHVMDSAAEDPQSPK	S1141	0.38227617	0.76941112	0.67941113
Q86Y91	KIF18B	LQVYEGGGQPPQDLPGSPK	S413	0.22137898	0.61761576	0.58267075
Q86Y91	KIF18B	RGLSLPDTQPSQGPSTPK	S674	0.37794618	0.82025009	0.67666227
O60333	KIF1B	MSDTGSPGMQR	S1454	0.20092392	1.18426748	0.56975265
O60333	KIF1B	SGLSLEELR	S1057	0.50457465	1.07594797	0.75314323
O95235	KIF20A	EHSLQVSPLEK	S532	0.51459335	0.83883623	0.75871945
Q7Z456	KIF21A	KLSSSDAPAQDTGSSAAAVETDASR	S853	0.09596096	0.74779387	0.5018786
Q7Z456	KIF21A	KLSSSDAPAQDTGSSAAAVETDASR	S854	0.53307109	1.0706476	0.76840363
Q7Z456	KIF21A	KIPEPSPVTR	T1242	0.91802413	0.99106552	0.96556856
Q02241	KIF23	RSSTVAPAQPDGAESEWTDVETR	S911	0.01401421	0.72563065	0.36631449
Q02241	KIF23	SSTVAPAQPDGAESEWTDVETR	T913	0.04302766	0.75210104	0.44128756
Q02241	KIF23	YMLTHQELASDGEIETK	S867	0.87446928	0.97807866	0.94412246
Q99661	KIF2C	GSSANPVNSVR	S187	0.94879389	1.01412429	0.9788835
O95239	KIF4A	TFSLTEVR	S801	0.16614385	0.79795598	0.54308896
O95239	KIF4A	ALASNTSFFSGCSPIEEEAH	S1225	0.41489924	0.79080802	0.70812712
O95239	KIF4A	NQSLVEENEK	S394	0.57995562	1.10734315	0.79886286
O95239	KIF4A	RTFSLTEVR	S801	0.78743488	0.94199328	0.90720825
Q07866	KLC1	VDSPTVTTTLK	S460	0.18779461	0.80885502	0.56058734
Q9H0B6	KLC2	TLSSSSMDLSR	S611	0.03649666	0.51163268	0.42504778
Q9H0B6	KLC2	LDEDASPNEEK	S151	0.72709152	1.0574	0.87523758
Q9H0B6	KLC2	SVEEPTQPGGTGLSDSR	S589	0.88696394	0.97530588	0.94861919
Q6P597	KLC3	TLASSTQDLSPH	S502	0.82296318	0.95885225	0.92458845
Q9NSK0	KLC4	RSSELLVR	S566	0.37872468	1.29487397	0.67666227
P57682	KLF3	RPLPVPSPDTQR	S250	0.03036012	1.19468139	0.40879194
Q8TBB5	KLHDC4	SEDESLLEEAGSPAPGPCPR	S413	0.35458368	0.85178772	0.66702539
Q8TBB5	KLHDC4	QVLITAPGSAGQPRSEDESLLEEAGSPAPGPCPR	S413	0.68474336	1.108448	0.85273769
Q03164	KMT2A	AQQQESDSSSETS	S1059	0.23193052	1.37046839	0.58402949
Q03164	KMT2A	SREDSPELNPPGIEDNR	S1858	0.66462113	1.0625	0.84417266
Q03164	KMT2A	SSPEGDPVPLTEVSK	S1685	0.7104312	1.06113369	0.86779668
Q03164	KMT2A	TIAHSPTSFTESSEK	S2098	0.870923	1.00723712	0.94366974
Q9UMN6	KMT2B	RERPSPESPVQGP	S861	0.49249336	1.1511194	0.74766286
Q9UMN6	KMT2B	GVLLDRPGEAGEESPGLQER	S2348	0.57033216	0.88561138	0.7913512
Q8NEZ4	KMT2C	EQSAEEDAEEVNSK	S89	0.13793974	1.17488451	0.52409548
O14686	KMT2D	LEGPVSPDVEPGKEETESK	S1671	0.1120589	1.52303523	0.51002233
O14686	KMT2D	QTAGQGGSPCEEQEP	S1180	0.22040597	1.18895672	0.58267075
O14686	KMT2D	ASEPLSSPPFGESR	S2274	0.36878713	1.16955209	0.67368198

O14686	KMT2D	SPDTGPDWLK	S4849	0.58607387	1.09752594	0.80118298
P52292	KPNA2	NVSSFPDDATSPQLQENR	S62	0.97405299	0.99275933	0.9878516
O00505	KPNA3	NVPQEESLESDVDADFK	S60	0.25749344	0.80634921	0.59892773
O00629	KPNA4	NVPHEDICEDSDIDGDR	S60	0.07766768	0.5384916	0.48183834
Q8N9T8	KRI1	QLPALDGLSMGPESPPAQEEEEAPVSPHK	S628,S639	0.15714129	0.71501673	0.53741649
Q8N9T8	KRI1	YVDEENSGETSNHR	S136	0.34415422	1.09775429	0.66293814
Q8N9T8	KRI1	AFVDESEDEDGAGEGGSSLLQK	S171	0.35731316	1.14644068	0.66868863
P08727	KRT19	QSSATSSFGGLGGGSVR	S22	0.43992577	1.15080034	0.72004085
P08727	KRT19	QSSATSSFGGLGGGSVR	S14	0.47794253	1.2780925	0.73878419
P08727	KRT19	QSSATSSFGGLGGGSVR	S10	0.49672752	1.72639321	0.74981346
P19013	KRT4	GFSCGSAIVGGGK	S19	0.15016594	0.44670945	0.53597354
P02538	KRT6A	SLYGLGGSK	S60	0.14613716	0.77838097	0.53170891
P08729	KRT7	SAYGGPVGAGIR	S53	0.00756845	0.18018235	0.31708848
P08729	KRT7	FASFIDK	S104	0.09757793	1.50678459	0.5018786
P05787	KRT8	ISSSSFSR	S35	0.06426577	0.54021419	0.46076126
P05787	KRT8	ISSSSFSR	S37	0.17897003	1.57079925	0.55295852
P05787	KRT8	LESQMNMMSIHTK	S410	0.63804524	0.85847764	0.82997336
P05787	KRT8	ASLEAAIADAEQR	S330	0.87141728	1.01591139	0.94366974
P05787	KRT8	LVSESSDVLPK	S475	0.91528757	1.02175769	0.96462519
Q86UP2	KTN1	EIQNGNLHESDSESVPR	S75	0.1612764	1.16229589	0.54196083
Q86UP2	KTN1	AAGDTTVIENSVDVSPETESSEK	S1313	0.25849132	1.15969989	0.5989986
O00515	LAD1	QRTLEDEEEQER	T19	0.21916376	0.49842812	0.58267075
O00515	LAD1	EEEADMSSPTQR	S356	0.73652286	0.9374289	0.87935705
O00515	LAD1	NLSSTDDDEAPR	S38	0.79794595	0.96715742	0.91349783
O00515	LAD1	EEEADMSSPTQR	S355	0.83617833	0.9664137	0.92778088
Q6IAA8	LAMTOR1	LLDPSSPPTK	S26	0.91795641	1.02278703	0.96556856
Q6PKG0	LARP1	SLPTTVPESPNYR	Y777,S766	0.06793921	0.80161054	0.4637455
Q6PKG0	LARP1	SLPTTVPESPNYR	S774	0.28807449	0.93383138	0.62154849
Q6PKG0	LARP1	ESPRPLQLPGAEGPAISDGEEGGGEPGAGGGAAGAAGAGR	S90	0.32648414	0.71883807	0.64734963
Q659C4	LARP1B	LNGPGENVSEDAEQSSNQK	S60	0.05924795	1.24973545	0.45298462
Q71RC2	LARP4	EQYVPPRSPK	S722	0.53041056	1.1981986	0.76679083
Q92615	LARP4B	SPSPAHLPPDDPK	S601	0.55533034	0.96310779	0.78182069
Q4G0J3	LARP7	SRPTSEGSDIESTEPQK	S258	0.05254943	1.1533831	0.44612288
Q4G0J3	LARP7	RSSSEDAESLAPR	S300	0.11122658	1.86666667	0.51002233
Q4G0J3	LARP7	SRPTSEGSDIESTEPQK	S261	0.24826459	1.22771991	0.59326042
Q4G0J3	LARP7	SSSEDAESLAPR	S300	0.42858515	1.09040334	0.7137923
Q4G0J3	LARP7	SRPTSEGSDIESTEPQK	S258,S261	0.55328742	0.83304701	0.7813313
Q9Y4W2	LAS1L	MEVGPFTGGQESPTAENAR	S617	0.58216585	1.09452055	0.80001994
Q9Y4W2	LAS1L	AQQQEEQGSVNDVK	S560	0.99187555	0.99883314	0.99498584
O95835	LATS1	SNSFNNPLGNR	S464	0.0174223	0.78859802	0.36734858
O95835	LATS1	QITTSPIVTR	S613	0.84242399	1.04838415	0.93134332
P13796	LCP1	EGESLEDLMK	S257	0.33806307	1.11569579	0.65781985
P13796	LCP1	GSVDEEMMELR	S5	0.77718466	0.95607375	0.90154538
Q86U70	LDB1	MSGGSTMSSGGGNTNNSNSK	S302	0.81355743	0.96602356	0.91990355
Q9Y2U8	LEMD3	APPAPLAASEVTNSNSAER	S187	0.43624916	1.24197984	0.71949887
Q9Y2U8	LEMD3	ENYSDEEEDDDVASSR	S261	0.61078117	1.17262661	0.81488009
Q8WVCO	LEO1	ANSDDERPVASDNDDEK	S212	0.01104565	2.74689135	0.35993196
Q8WVCO	LEO1	QNSDDEEQPQLSDEEK	S238	0.01785714	5.10280713	0.3692765
Q8WVCO	LEO1	MQNTDDEERPQLSDDER	S197	0.0284944	1.43795181	0.40710444
Q8WVCO	LEO1	KLTSDEEGEPSGK	S630	0.09368568	1.25987261	0.5018786
Q8WVCO	LEO1	NAIASDSEADSDTEVPK	S300	0.12279359	2.75204472	0.51179861
Q8WVCO	LEO1	MQNTDDEERPQLSDDER	T188,S197	0.43775333	0.73051312	0.71992276
Q8WVCO	LEO1	YVISDEEEEDDD	S658	0.44663732	0.78415061	0.72351031
Q8WVCO	LEO1	ANSDDERPVASDNDDEK	S212,S220	0.64625261	1.04206978	0.83256287
Q8WVCO	LEO1	KYVISDEEEEDDD	S658	0.85225698	1.03263122	0.9354818
P18858	LIG1	VLGSEGEEDDEALSPAK	S66	0.02737982	1.5259213	0.40703825
P18858	LIG1	VLGSEGEEDDEALSPAK	S66,S76	0.04018358	0.67344544	0.43210738
P18858	LIG1	TIQEVLEEQSEEDR	S141	0.22959027	0.59983102	0.58267075
P18858	LIG1	EGEDGQQTTPPKPLK	T183	0.25765517	1.18115565	0.59892773
P18858	LIG1	EWNGVVSSEDSVPK	S49	0.44868577	0.89210174	0.72373014
P18858	LIG1	VLGSEGEEDDEALSPAK	S76	0.93972415	0.98528113	0.97418985
P49916	LIG3	LTTTQQVTSVPK	S210	0.13731204	0.84034693	0.52372422
Q9UHB6	LIMA1	ASSLSESPPK	S369	0.16397146	1.33597561	0.54196083
Q9UHB6	LIMA1	ETPHSPGVEDAPIAK	S490	0.35519553	1.08106098	0.66702539
Q9UHB6	LIMA1	SNTENLSQHFR	T57	0.65757272	0.91895869	0.84030158
Q9UHB6	LIMA1	QWTSLSLR	S15	0.96185892	1.00503356	0.98250904
Q9UPQ0	LIMCH1	GSSDGRGSDSESDLPHR	S226	0.04237613	1.2353441	0.44098518
Q9UPQ0	LIMCH1	ASVLDTSMSAGSGSPSK	S523	0.3170484	0.75035799	0.63849749
Q9UPQ0	LIMCH1	QTPSPDVVLR	S217	0.61303875	1.03115872	0.81560563
Q96GY3	LIN37	ERECSPSSPLPPEDEEGSEVTNSK	S138	0.24406224	1.18123393	0.58932994
Q5TKA1	LIN9	LFSDEDDR	S65	0.17007829	0.82114705	0.54531589
Q9BU23	LMF2	DSGAASEQATAAPNCSSSSR	S699	0.01183711	33.1896601	0.3634964
P02545	LMNA	SVGSGGGGFGDNLVTR	S636	0.00410062	1.63407821	0.29204389
P02545	LMNA	TALINSTGEEVAMR	S533	0.01660384	1.49167376	0.36631449
P02545	LMNA	SNEDQSMGNWQIK	S458	0.02400115	1.32368622	0.39586233
P02545	LMNA	SNEDQSMGNWQIK	S463	0.08326507	1.24834123	0.49288727
P02545	LMNA	LSPSPTSQR	S395	0.28968424	1.35607744	0.6217707
P02545	LMNA	LQLELSK	S107	0.32195481	1.16641221	0.64145984
P02545	LMNA	NIYSEELR	S212	0.35326333	1.26726446	0.66702539
P02545	LMNA	LRLSPSPTSQR	S392	0.53836752	1.54174015	0.77155648
P02545	LMNA	SVLLGNSSPR	S652	0.73387084	0.93899614	0.87923537

P02545	LMNA	LRLSPSPTSQR	S390,S392	0.75168017	1.02541604	0.88774061
P02545	LMNA	SGAQASSTPLSPTR	T19	0.80194758	0.95420375	0.91398245
P02545	LMNA	SVGSGGGGFGDNLVTR	S628	0.82077684	1.02673014	0.92419758
P02545	LMNA	SGAQASSTPLSPTR	S12	0.84273131	0.97796143	0.93136389
P02545	LMNA	SGAQASSTPLSPTR	S22	0.87875905	0.9802336	0.94568481
P20700	LMNB1	AGGPTTPLSPTR	S23	0.72355506	1.04212638	0.87410666
P20700	LMNB1	AGGPTTPLSPTR	T20	0.73312602	1.04935732	0.87920615
P20700	LMNB1	AGGPTTPLSPTR	T20,S23	0.86944372	0.95028483	0.94300301
Q03252	LMNB2	AGGPATPLSPTR	S17	0.17456613	1.22426471	0.548315
Q03252	LMNB2	LKLSPPSSR	S385,S387	0.81612895	1.03956044	0.92024886
Q03252	LMNB2	ATSSSSGSLSATGR	S399	0.83045555	1.05431874	0.9257255
Q8WW1	LMO7	SRSTELDDYSTNK	S1423	0.08483357	1.1760355	0.49347121
Q8WW1	LMO7	RMYSFDDVLEEGK	S805	0.15438764	0.37766509	0.53741649
Q8WW1	LMO7	MYSFDDVLEEGK	S805	0.17571153	0.81120145	0.54980155
Q8WW1	LMO7	EGFESDTESEFTFK	S276	0.23233828	0.82375125	0.58402949
Q8WW1	LMO7	SRSTELDDYSTNK	T1425	0.25977343	1.15257193	0.59994392
Q8WW1	LMO7	REDSFESLDSLSGR	S246	0.26660605	1.34238311	0.60355868
Q8WW1	LMO7	SYTSDLQK	S751	0.38018412	0.89587184	0.6779845
Q8WW1	LMO7	SMSDVSAEDVQNLN	S704	0.38414318	1.07362439	0.67941113
Q8WW1	LMO7	RGESLNDLSDPR	S1510	0.4954082	1.11747968	0.74968842
Q8WW1	LMO7	ISINQTPGK	T1048	0.56131082	0.92406811	0.78554018
Q8WW1	LMO7	STTELDYSTNK	T1424	0.58660261	1.07612903	0.8012074
Q7L5N7	LPCAT2	EVQTTTASANKVSPK	S530	0.30542321	1.22567248	0.63363041
P50851	LRBA	VEGSPTEEANLPTLQDNLSPAASEAGEK	S1118	0.43974362	1.14128728	0.72004085
P50851	LRBA	ASPNVEAPQPHR	S1261	0.54394888	0.90835871	0.77269004
P50851	LRBA	VEGSPTEEANLPTLQDNLSPAASEAGEK	S1135	0.81169328	1.03690987	0.91877983
O75427	LRRH4	GTVEEQRPPELSPGADR	S380	0.09839629	0.8442256	0.5018786
Q5VZK9	LRR16A	TASRPDDIPDPSPPK	S1291	0.00931782	0.69912257	0.33303827
Q5VZK9	LRR16A	RSSGFISELPSSEEGK	S968	0.0871107	0.68559753	0.4960359
Q5VZK9	LRR16A	SERPPTILMTEEPSPPK	S1094	0.20392113	0.75347476	0.57194083
Q15345	LRR41	APSRDEGSLLLGSR	S276	0.01659451	0.71057192	0.36631449
Q15345	LRR41	STQESLTAGGTDLK	S326	0.02578276	0.80873836	0.4040435
Q8N1G4	LRR47	EEGSLDTEADAVSGQLPDPPTNSPAGK	S520	0.31379815	0.54161067	0.63653708
Q8IWT6	LRR8A	SRIEQGIVDR	S217	0.01254761	1.594884	0.36467189
Q32MZ4	LRRFIP1	ALDNSLENDDLSAPGREPGHFNPEER	S768	0.04010476	1.7705496	0.43210738
Q32MZ4	LRRFIP1	ALDNSLENDDLSAPGREPGHFNPEER	S766	0.04156861	0.58315036	0.43680889
Q32MZ4	LRRFIP1	ALDNSLENDDLSAPGR	S768	0.04685281	1.53380154	0.44612288
Q32MZ4	LRRFIP1	IAAESSENVDCPENPK	S638	0.1006903	1.57336521	0.5018786
Q32MZ4	LRRFIP1	TEVPGSPAGTEGNCQEATGPSTVDTQNEPLDMKEPDEEK	S521	0.31354117	1.19153725	0.63653708
Q32MZ4	LRRFIP1	CTLPEHESPSQDISDACEAESTER	S735	0.35871945	0.95625	0.66991323
Q32MZ4	LRRFIP1	EIDCLSPAEQK	S16	0.56278057	0.90309278	0.78599368
Q32MZ4	LRRFIP1	TEVPGSPAGTEGNCQEATGPSTVDTQNEPLDMK	S521	0.83508908	1.03930713	0.92778088
Q32MZ4	LRRFIP1	IDGATQSSPAEPK	S714	0.90820778	1.02019289	0.96085522
Q32MZ4	LRRFIP1	SDQQGEALDSSQK	S555	0.94214822	0.98366996	0.97634763
Q9Y608	LRRFIP2	NSASATTPLSGNSSR	S320	0.08724891	1.34077755	0.4960359
Q9Y608	LRRFIP2	GSQDTSSLIDPDTLSSELR	S328	0.2054379	0.68278891	0.57194083
Q9Y608	LRRFIP2	RGSQDTSSLIDPDTLSSELR	S328	0.36150036	0.7466362	0.6705258
Q9Y608	LRRFIP2	RGSQDTSSLIDPDTLSSELR	T331	0.3959734	0.78806548	0.69247075
Q9Y608	LRRFIP2	NSASATTPLSGNSSR	S323	0.53473259	0.89636847	0.76972936
Q9Y608	LRRFIP2	NSASATTPLSGNSSR	S324	0.60484737	0.94468085	0.81202192
Q9UFC0	LRWD1	ACASPSAQVEGSPVAGSDGSPAVK	S251	0.04900449	1.33927246	0.44612288
Q9UFC0	LRWD1	RPDDVPLSLSPSK	S243	0.45360986	0.9309429	0.72537341
Q3MHD2	LSM12	TETPPPLASLNVSK	T75	0.70775759	0.92901331	0.86558861
Q8ND56	LSM14A	TQLSQGRSSPQLDPLR	S178,S183	0.03450795	0.6933524	0.41964372
Q8ND56	LSM14A	SSPQLDPLR	S183	0.12555048	0.80088581	0.5125107
Q8ND56	LSM14A	SSPQLDPLR	S183	0.65725293	0.94885496	0.84030158
Q86X29	LSR	ARSDVALDLDLTPPSTAESGSR	S493	0.01431751	1.51775956	0.36631449
Q86X29	LSR	GPALTPIRDEEWGGHSPR	T453,S464	0.04294607	0.62267241	0.44128756
Q86X29	LSR	SVDALDLDLTPPSTAESGSR	S493	0.06599618	1.31062248	0.46283405
Q86X29	LSR	NLALSR	S643	0.1197873	1.70270029	0.51002233
Q86X29	LSR	AMSEVTSLHEDDWR	S436	0.24170037	0.68171949	0.58886046
Q86X29	LSR	SRDDLVDQDDSR	S530	0.31528932	1.14369035	0.63800725
Q86X29	LSR	GPALTPIRDEEWGGHSPR	S464	0.86571055	0.95799821	0.94208744
Q96GA3	LTV1	SENEDDSEWEDVDEK	S182	0.11166243	0.76422018	0.51002233
Q96GA3	LTV1	SENEDDSEWEDVDEK	S188	0.36726711	0.66406534	0.67368198
Q9Y383	LUC7L2	AMLDQLMGTSR	S18	0.86180184	1.06343242	0.9398826
O95232	LUC7L3	NEVNGTSEDIKSEGDTQSN	S425	0.16844518	1.25053381	0.54531589
Q86V48	LUZP1	SHSAPSEVGFSDAR	S905	0.56730899	0.90925407	0.78987432
Q86V48	LUZP1	SSTDFSELEQPR	S956	0.70157729	1.12696048	0.86274503
P07948	LYN	DSLSDDGVDLK	S13	0.07223025	1.16187871	0.46528233
P07948	LYN	GKDSLSDDGVDLK	S11	0.16806814	1.12886206	0.54531589
P07948	LYN	VIEDNEYTAR	Y397	0.22364666	0.61309524	0.58267075
Q9UPN3	MACF1	RQGSFSEDVISHK	S3927	0.15176638	1.49910555	0.53741649
Q9UPN3	MACF1	SMDAMSSPTK	T4498	0.17033087	1.25162088	0.54531589
Q9UPN3	MACF1	QGSFSEDVISHK	S3927	0.19144336	0.92128552	0.5651429
Q9UPN3	MACF1	AFLAELEQNSPK	S4521	0.72695743	1.02362205	0.87523758
Q8WXG6	MADD	EGTHATCASEEGGTESSESGSLQPLSADSTPDVNVQSPR	S156	0.99202621	1.00365716	0.99498584
Q9UNF1	MAGED2	HLDGEEGDSSDQSQASGTTGGR	S191	0.00492763	1.64031972	0.29204389
Q5TCQ9	MAGI3	QPEDSSQAFISTQNGSPR	S857	0.66421363	1.06456192	0.84417266
Q5TCQ9	MAGI3	MDSLPEEEEEDEK	S235	0.75903817	1.05824911	0.88966056
P46821	MAP1B	ASVSPMDEPVPDESPIEK	S1378	0.00859518	1.29515419	0.3318662



P46821	MAP1B	SPSLSPSPSPLEK	S1265	0.01767281	1.42638865	0.36782257
P46821	MAP1B	ASVSPMDEPVPDSESPIEK	S1389	0.03737187	1.53325272	0.42957843
P46821	MAP1B	ESSPLYSPFSDSTSAVK	S1793	0.05011194	1.23942209	0.44612288
P46821	MAP1B	SLMSSPEDLTG	S832	0.06941906	1.35190017	0.4637455
P46821	MAP1B	VQSLEGEKLSPK	S1779	0.15071339	1.65715454	0.53664613
P46821	MAP1B	FEDEGAGFEESSETGDYEEK	S937	0.22337239	1.25164474	0.58267075
P46821	MAP1B	ESSPLYSPFSDSTSAVK	S1793,S1797	0.64933078	0.86581842	0.83491453
P46821	MAP1B	GAESPFEK	S1427	0.71316891	1.06295548	0.86856453
P46821	MAP1B	QGSPPQVSPVSEMTSTLSYQDK	S1438	0.75196781	1.12494918	0.88774061
P46821	MAP1B	SPSDSGYSYETIGK	S1915	0.78457642	0.93271912	0.90620964
P46821	MAP1B	GEAEQSEEEADEEDK	S1016	0.98798848	0.99623825	0.99415185
Q66K74	MAP1S	AVPMAPAPASPGSSNDSSAR	S759	0.06361778	1.33432172	0.46076126
Q66K74	MAP1S	LSLSPLR	S657	0.3234259	1.28569016	0.6432626
P11137	MAP2	VDHGAEITQSPGR	S1782	0.14767861	1.13488881	0.53170891
P11137	MAP2	KETSPESLIQDEIAVK	S1158	0.48648947	0.83225686	0.74328043
P11137	MAP2	ETSPESLIQDEIAVK	T1154	0.81459821	0.969222	0.91990355
P36507	MAP2K2	LNQPGTPTTR	T394	0.52554843	1.1015605	0.76473579
Q9Y2U5	MAP3K2	AQSYPDNHQEFSDYDNPFEK	S239	0.21361188	0.5363354	0.58004915
P27816	MAP4	DVTPPPETEVLK	T521	0.04864239	1.18461539	0.44612288
P27816	MAP4	KCSLPAEEDSVLEK	S636	0.11660929	1.35625597	0.51002233
P27816	MAP4	DMSPLSETEMALGK	S507	0.21378161	1.1412565	0.58004915
P27816	MAP4	EAQTLDSIQQETSI	S1151	0.5874496	1.14481562	0.80197527
P27816	MAP4	DMSPLSETEMALGK	T512	0.64305278	1.04769148	0.83055345
P27816	MAP4	DGVLTLANNVTPAK	T571	0.68747073	0.90961947	0.85494209
P27816	MAP4	LATNTSAPDLK	S928	0.93976405	0.97763781	0.97418985
O95819	MAP4K4	RDSPLQSGGQQNSQAGQR	S639	0.39343476	0.906588	0.69016887
O95819	MAP4K4	AASSNLNSGETESVK	S805	0.6428256	1.08612251	0.83055345
Q9Y4K4	MAP4K5	ISSYPEDNFPDEEK	S400	0.03518881	0.76178727	0.42085354
Q9Y4K4	MAP4K5	RQSSPCGPPVAETSSIGNGDGISK	S433	0.68987121	1.09973404	0.85682002
Q14244	MAP7	SVSTMNLSK	S183	0.11681606	1.19502406	0.51002233
Q3KQU3	MAP7D1	CSVSAVNLPK	S254	0.11878044	0.57336724	0.51002233
Q3KQU3	MAP7D1	RSSQSPPTAVPASDSPPTK	S113,S116	0.23250082	0.87826087	0.58402949
Q3KQU3	MAP7D1	RSSQSPPTAVPASDSPPTK	S113	0.29947499	0.85607094	0.62652809
Q3KQU3	MAP7D1	LSASTASELSPK	S460	0.45034421	0.84034833	0.72422173
Q3KQU3	MAP7D1	ESAAPASPAPSPAPSPPTAPPQK	S544,S552	0.65290788	0.9409621	0.83782054
Q3KQU3	MAP7D1	RSSQSPPTAVPASDSPPTK	S116	0.72165231	0.96248349	0.87405855
Q3KQU3	MAP7D1	SSATLWNSPSR	S274	0.948882548	1.00704935	0.9788835
Q49NM5	MAP9	MNDFHISDDEEK	S79	0.83170549	1.02290076	0.92586131
P28482	MAPK1	VADPDHDHTGFLTEYVATR	Y187	0.09921199	0.17793481	0.5018786
Q16539	MAPK14	HTDDEMTGYVATR	Y182,T180	0.00856491	0.18244032	0.3318662
Q16539	MAPK14	HTDDEMTGYVATR	Y182	0.50993089	1.27392879	0.75633887
P27361	MAPK3	IADPEHDHTGFLTEYVATR	Y204	0.19091242	0.22664888	0.5651429
Q16659	MAPK6	GHLSEGLVTK	S189	0.0831765	1.46834063	0.49288727
Q13164	MAPK7	SQVEDLPPVFSGTPK	S731	0.75750229	0.96721344	0.88966056
P29966	MARCK5	EAPAEGEAAEPGSPTAAEAGEAASASSTSSPK	T133	0.00292774	1.40967019	0.29204389
P29966	MARCK5	AEDGATPSPSNETPKK	S145,S147	0.07461608	0.76281043	0.47168775
P29966	MARCK5	LSGFSFK	S170	0.20759128	1.10606639	0.57287379
P29966	MARCK5	GEPAAAAPEAGASPVK	S101	0.23240363	1.19954904	0.58402949
P29966	MARCK5	AEDGATPSPSNETPK	T150,S145	0.26720939	1.53946278	0.60403212
P29966	MARCK5	AEDGATPSPSNETPK	S145	0.29422444	0.80940844	0.62281368
P29966	MARCK5	RFSFK	S159	0.33623732	1.58755556	0.65732844
P29966	MARCK5	EAPAEGEAAEPGSPTAAEAGEAASASSTSSPK	S134	0.36974933	0.85720779	0.67368198
P29966	MARCK5	GEAAAERPGEAAVASSPSK	S26	0.4446206	1.14022617	0.72259246
P29966	MARCK5	AEDGATPSPSNETPKK	T150	0.57758559	1.06	0.7967435
P29966	MARCK5	GEAAAERPGEAAVASSPSK	S27	0.57854169	1.10772164	0.79725566
P29966	MARCK5	AEDGATPSPSNETPK	S147	0.58848524	1.10806916	0.80250619
P29966	MARCK5	EAPAEGEAAEPGSPTAAEAGEAASASSTSSPK	S118,S135	0.59716817	0.86563583	0.8075237
P29966	MARCK5	EAPAEGEAAEPGSPTAAEAGEAASASSTSSPK	S135	0.65627583	1.08203335	0.83980398
P29966	MARCK5	EAPAEGEAAEPGSPTAAEAGEAASASSTSSPK	T120	0.73504479	0.93838642	0.87923537
P29966	MARCK5	EEPAAGSGAASPSAAEK	S81	0.89039405	0.97545709	0.95050007
P49006	MARCKSL1	GEGESPPVNGTDEAAGATGDAIEAPPSPQGAEK	S48	0.0252187	1.33454031	0.4040435
P49006	MARCKSL1	EGGGDSSASSPTEEEQEQGEIGACSDGTAQEGK	S135	0.06136376	1.65967688	0.45713107
P49006	MARCKSL1	GAEASAASEEEAGPQATEPSTPSGPESGPTPASAQNE	T174	0.0779162	1.50775416	0.48245234
P49006	MARCKSL1	GDVTAEEAAGASPAK	S22	0.23512977	1.19415552	0.58536202
P49006	MARCKSL1	GAEASAASEEEAGPQATEPSTPSGPESGPTPASAQNE	T178	0.39207559	1.13951187	0.68861889
P49006	MARCKSL1	EGGGDSSASSPTEEEQEQGEIGACSDGTAQEGK	S120	0.48130721	1.13410222	0.74108884
P49006	MARCKSL1	AAATPESQEPQAK	T148	0.49568673	1.14586965	0.74968842
Q7KZ17	MARK2	GRNSATSADQPHIGNYR	S40	0.00219551	0.51716868	0.29204389
Q7KZ17	MARK2	VPASPLPGLER	S456	0.43086055	1.09386027	0.71568235
P27448	MARK3	SSELDASDSSSSNLSLAK	S378	0.01440913	1.23834532	0.36631449
P27448	MARK3	SSELDASDSSSSNLSLAK	S377	0.08469033	1.15983518	0.49347121
Q8N4S9	MARVELD2	DPYGLSLDR	S161	0.27336541	1.25290886	0.60684527
Q8N4S9	MARVELD2	YISDGVCEPPASPARNHR	S116,S120	0.58435401	1.05220772	0.80108627
O15021	MAST4	KHSLEVTQEEVQR	S1470	0.9924416	0.99876418	0.99498584
Q96GX5	MASTL	NFELVDSSPCK	S453	0.66188193	0.94149624	0.8423578
P43243	MATR3	NEENTEPGAESSENADDPNK	S747	0.11857313	1.22741433	0.51002233
P43243	MATR3	DTSENADGQSDENKDDYTIPTDEYR	S766	0.25868836	1.51299907	0.5989986
Q7Z434	MAVS	EPSYMPVQETQAPESPGENSEQALQTLSPR	S165	0.50111584	0.690318	0.75168596
Q9UBB5	MBD2	CCPEQEEGESAAAGGSGAGGDSIAEQGGGQALAPSPVSGVR	S47	0.35045973	1.45508811	0.66622457
O95243	MBD4	SLSSGNSFCSEKQ	S318	0.88858485	0.98632072	0.94927317
Q96N66	MBOAT7	AGGGPTLQCPPPSSPEK	S285	0.06571153	1.52355393	0.46184181

P02686	MBP	TTSEDNEVFGEDANQNNGTSSQDQTAVTDSK	S40	0.03067419	1.2803579	0.40879194
P49736	MCM2	GNDPLTSSPGR	S27	0.3121522	1.11528095	0.63653708
P49736	MCM2	GLLYDSDEEDEERPAR	S139	0.48275194	0.86494827	0.74124595
P49736	MCM2	RGNDDLPTSSPGR	S26	0.49384173	1.08564815	0.74865292
P25205	MCM3	SEDESETEDEEEK	S672	0.14345105	1.83154275	0.5281867
O60318	MCM3AP	KPGDGEVSPSTEDAPFHQSPLGK	S527	0.74925201	1.07876049	0.8870044
Q14566	MCM6	EIESEIDSEELINK	S762	0.84560283	0.94014155	0.93222923
Q14676	MDC1	TPEPVVPTAPEPHPTTSDQPVTPK	T1608	0.18566685	1.30214116	0.55994868
Q14676	MDC1	GPGAPGLAHLQESQAGSDTDEVEEGK	S376	0.27681965	1.15754234	0.61040342
Q14676	MDC1	AIPGDQHPESPVHTEPMGIQGR	S793	0.56823981	1.16284609	0.79044838
Q9NU22	MDN1	AEENTDQASPQEDYAGFER	S4538	0.00021548	1.32120364	0.10490076
Q9NU22	MDN1	NGGEDTDNEEGEEENPLEIK	T4898	0.63775592	0.88258794	0.82993166
Q9NU22	MDN1	GETETDQNESQSPQEPPEEGPSEDDK	S4937	0.92765601	1.03791331	0.96785844
Q86V88	MDP1	AQTGPLRSSLEESPFEA	S167	0.66995076	1.18245027	0.84655744
P51608	MECP2	AETSEGSASPAPVEASASP	S80	0.24259007	1.19508671	0.58886046
P51608	MECP2	MPFQTSPPGGK	S229	0.69776803	0.97107166	0.86146179
Q15648	MED1	LPSTSDDCPAIGTPLR	S795	0.92817946	0.96293963	0.96804979
Q9UHV7	MED13	KYSASSGGLCEEATAAK	S395	0.04731694	0.68418183	0.44612288
Q9UHV7	MED13	IEVDEGFCSPKPEIK	S890	0.31288551	1.09115117	0.63653708
Q71F56	MED13L	MEVEDGLGSPKPEIK	S923	0.22619603	1.17082294	0.58267075
O60244	MED14	KLSDDPCPVESK	S617	0.46351118	1.12012794	0.72929075
O75448	MED24	LLSSNEDDANILSSPTDR	S862	0.11541022	1.25984991	0.51002233
Q02078	MEF2A	GCDSPPDTSYVLTPTHEEK	S98	0.56594278	1.06648936	0.7889937
Q14814	MEF2D	GFNGCDSPEPDGEDSLEQSPLLEDK	S98	0.29088998	1.20127173	0.62187612
Q14814	MEF2D	RASEELDGLFR	S121	0.64410173	0.89168921	0.83081654
Q14680	MELK	VFGSLER	S529	0.3267345	0.82180437	0.64744809
Q7L2J0	MEPCE	CAPSAGSPAAAVGR	S60	0.45112696	1.08236347	0.72422173
Q7L2J0	MEPCE	ESPGAAATSSSGPQAQQHR	S69	0.61932295	0.9303865	0.81882617
P08581	MET	SVSPPTMEMVSNESVDYR	S988	0.21594071	1.21979387	0.58136831
Q86U44	METTL3	DHTPSQELALQSVGGDSSADR	T348	0.26115964	1.21753009	0.60088416
Q86U44	METTL3	NPEAALSPTFR	S43	0.28688588	0.91854957	0.62030418
P55081	MFAP1	IVEPEVVGESDSEVEGDRAWR	S116	0.23497054	1.31186757	0.58536202
Q6ZSS7	MFSD6	VAILTDEEEQK	T10	0.41440217	1.17481447	0.70808337
Q8IW19	MGA	QLAEPASEPDVLK	S2882	0.08528649	0.64201467	0.49393301
Q8IW19	MGA	GFDNPEENSSEFPVTFK	S2088	0.96189706	1.01330674	0.98250904
Q8IW19	MGA	VVNANQNASPNVPGK	S607	0.98145691	1.01678718	0.99062773
O60502	MGEA5	SPEMSMDQEDCISDIAPMQTDEQTNK	S511	0.31357684	0.67307333	0.63653708
O60291	MGRN1	AASIENVLQDSSPEHCGR	S524	0.01058113	1.24736842	0.35060945
O60291	MGRN1	SPSSPIHEEDEEK	S460	0.12841523	1.30911332	0.5125107
Q7RTP6	MICAL3	LGSPPLAVDEALR	S1310	0.11565096	0.71245133	0.51002233
Q7RTP6	MICAL3	DRLGSPPLAVDEALR	S1310	0.61421397	1.10681832	0.81608495
Q8N3F8	MICALL1	VEQMPQASPLAPR	S578	0.19219162	1.18854887	0.5651429
O15344	MID1	ASVSGPNSPSETR	S98	0.7050695	0.92774785	0.86527488
Q8N108	MIER1	DSSGQEDETQSSNDDPSQVSAQDAQEIIIRPR	T128	0.19289073	1.42034935	0.5651429
Q8N108	MIER1	DSSGQEDETQSSNDDPSQVSAQDAQEIIIRPR	S122	0.44742811	1.15567438	0.72351031
Q8N108	MIER1	VNSNGKESPGSEFFQEAIVSHGK	S483,S488	0.73486771	0.91436315	0.87923537
Q9NXC5	MIOS	GFSQYGVGSGPTK	S766	0.64312539	0.96828465	0.83055345
Q8IVT2	MISP	ALSSDSILSPAPDAR	S395	0.00094986	0.58032596	0.22363976
Q8IVT2	MISP	SSTVATLQGTDPDHGDPR	S156	0.00119754	0.25247187	0.22363976
Q8IVT2	MISP	SQSSDLLER	S541	0.00873836	0.49818301	0.3318662
Q8IVT2	MISP	RALSSDSILSPAPDAR	S394	0.03351088	2.06650161	0.41579265
Q8IVT2	MISP	NALFPEVFSPTPDENSQNSR	S575	0.08382439	0.7441509	0.49347121
Q8IVT2	MISP	LSLITAPR	S335	0.1208407	0.46988293	0.51002233
Q8IVT2	MISP	NALFPEVFSPTPDENSQNSR	T577	0.16892827	0.75585586	0.54531589
Q8IVT2	MISP	ALSSDSILSPAPDAR	S394	0.23235262	1.26611069	0.58402949
Q8IVT2	MISP	SQSSDLLER	S543	0.8552957	0.9181619	0.93690455
P46013	MKI67	SSPELEDTATSSK	S2828	0.01292743	1.59821429	0.36582345
P46013	MKI67	SPPPEMMDTPTSTR	S2105	0.08961914	1.42462312	0.4960359
P46013	MKI67	SGGSGHAVAEPASPEQELDQNK	S308	0.09509022	1.26637555	0.5018786
P46013	MKI67	SPPPEVSDTPTSTK	S1131	0.24550307	1.2964527	0.58971922
P46013	MKI67	DINTFVGTPEVK	T1923	0.52830869	0.82935705	0.76614217
P46013	MKI67	TPVQYQQQNSPQK	S357	0.82299073	0.96931408	0.92458845
P46013	MKI67	SPQPDVDTPTASTK	S2344	0.90718123	1.02352419	0.96047477
Q969V6	MKL1	AGSCCLSPGGR	S511	0.15462761	0.67401141	0.53741649
Q71F23	MLF1P	SSDTSNGNEASEIESVK	S111	0.19917557	0.7830863	0.56975265
Q15773	MLF2	LAIQGPEDSPSR	S238	0.00550255	0.59633352	0.29892804
P40692	MLH1	HRESDVEMVEDDSR	S477	0.35965166	0.81158779	0.67026935
P55196	MLLT4	SSPNVANQPSPSPGGK	S1182	0.08236188	1.12372881	0.49194574
P55196	MLLT4	LFSQGDVSNK	S1799	0.34463788	0.8424102	0.66293814
P55196	MLLT4	TISNPEVVMK	S216	0.71841231	1.0519802	0.87275421
Q9BV36	MLPH	ASSESQIFELNK	S336	0.23921007	0.8626836	0.8659409
Q9Y6X9	MORC2	SPPLPAVIR	S615	0.5049314	1.17777711	0.75314323
Q9Y6X9	MORC2	SVAVSDEEEVEEEAER	S743	0.64162582	0.83252246	0.83055345
Q14149	MORC3	RLSSQFENSVMK	S560	0.77893267	0.95873321	0.90292375
Q15014	MORF4L2	SAENPPSGSVR	S71	0.59301465	1.13819526	0.80595083
Q8NHP6	MOSP2	ETLETISNEEQTPLLK	S283	0.01586361	1.90426918	0.36631449
Q99549	MPHOSPH8	GLWSTDSAAEEDK	S403	0.10378945	1.20670391	0.50572948
Q99549	MPHOSPH8	GAEAFGDSEEDGEDVFEVEK	S51	0.59195182	0.88501484	0.80543398
Q8N3R9	MPP5	KQELDLNNSMR	S84	0.24245763	0.86220781	0.58886046
Q6WCC1	MPRIP	SPDSATVSGYDIMK	S977	0.1006772	1.28678813	0.5018786
Q6WCC1	MPRIP	DQPDGSSLSAQSPSQSPPAASSLR	S218	0.19531343	1.37151703	0.56712974

Q6WCQ1	MPRIP	SPGLPMSDLK	S619	0.35384704	0.78170666	0.66702539
Q6WCQ1	MPRIP	AEEQQLPPPLSPPSPSTPNHR	S289,S294	0.6705002	1.05685754	0.84658851
Q6WCQ1	MPRIP	TLLTGDGGGATGSPLAQKQ	S891	0.87988953	0.96168179	0.94646727
O95297	MPZL1	SESVVYADIR	Y263	0.07219649	0.72677469	0.46528233
O95297	MPZL1	DYTGCTSESLSPVK	T205	0.27108259	0.76291067	0.60553604
O95297	MPZL1	DYTGCTSESLSPVK	S210	0.44337555	1.1049445	0.72238826
Q9NV56	MRGBB	VLANSNPSSPAAK	S194	0.726055	1.06299555	0.87523758
P52701	MSH6	SEEDNEIESEEVQPK	S227	0.15118489	1.15164221	0.53741649
P52701	MSH6	VHVQFFDSDPTR	S137	0.21775646	0.74671775	0.58142167
Q86UE4	MTDH	SQEPIDDDKQVSDDDK	S426	0.00472221	1.22857143	0.29204389
Q86UE4	MTDH	TISTSDPAEVLVK	S494	0.0681972	0.26640216	0.4637455
Q86UE4	MTDH	LSSQISAGEEK	S298	0.16683235	0.80107347	0.54308896
Q86UE4	MTDH	WNSVSPASAGK	S308	0.43344928	1.13232831	0.71855466
Q15390	MTFR1	QISLPDLSQEPEQLK	S119	0.27945073	0.53199314	0.61285387
Q9H019	MTFR1L	NASVPNLR	S103	0.14848472	0.65503842	0.53335371
Q13614	MTMR2	ASSPAQCVTVQTVV	S631	0.48765333	0.86836615	0.74374863
Q13615	MTMR3	SYDNLTTACDNTVPLASR	S613	0.72405103	0.88749298	0.87410666
P42345	MTOR	TLDQSPELR	S1166	0.50029772	1.08272102	0.75168596
Q765P7	MTSS1L	AGSEECVFYTDETASPLADLAK	S612	0.20532777	0.31084828	0.57194083
Q5HY17	MTX3	LTPAEENNSFQLRSP	S311	0.07239087	1.38065508	0.46528233
Q96NY9	MUS81	TSGGDHAPDSPSGENSPAPQGR	S95	0.66192716	1.06689696	0.8423578
Q96EY5	MVB12A	DMQGLSLDAAASQPSK	S170	0.07052003	0.59960159	0.46523029
P84157	MXRA7	GPSSEGPEEEDGEGFSFK	S127	0.46601329	0.95669657	0.73040295
Q9BQG0	MYBBP1A	EIPSATQSPISK	S1163	0.36039052	0.91176471	0.6705258
P10244	MYBL2	EEENSEEELAAATTSK	S241	0.50640697	1.05391339	0.75314323
O75592	MYCBP2	SKSDSYTLDPDTLR	S2833	0.40661044	0.88611355	0.69976652
O75592	MYCBP2	VNSGDTEVGSLLR	S3467	0.63927587	1.03221565	0.83055345
Q9P2K5	MYEF2	AEVPGATGGDSPHLQPAEPPGPEPR	S17	0.02068111	1.31363331	0.37949754
Q72406	MYH14	LEEGVASDEEAEEAQSGSPSPEPEGSPAHPQ	S1969	0.15727264	1.28202807	0.53741649
Q72406	MYH14	LEEGVASDEEAEEAQSGSPSPEPEGSPAHPQ	S1969,S1983	0.75401448	0.9050911	0.88807985
P35579	MYH9	DELADEIANSSGK	S1714	0.44434136	1.06708023	0.72250264
Q92614	MYO18A	SLAPDRSDEHDPLDNTSRPR	S2020	0.28911093	0.88470588	0.62154849
Q92614	MYO18A	SSSPTSYYWK	S2007	0.44632931	1.14071681	0.72351031
Q92614	MYO18A	SRDESASETSTPSEHSAAPSQVEVR	S145	0.67629711	1.10898083	0.85001908
Q12965	MYO1E	NQYVYPHAPGSQR	S980	0.02542098	0.63392319	0.4040435
Q8WXR4	MYO3B	NESAAHNQAGDTSNQSSGPHSPVAAGTR	S1135	0.24706701	0.79544717	0.59215319
Q8WXR4	MYO3B	RNESAAHNQAGDTSNQSSGPHSPVAAGTR	S1135	0.83172538	0.97246152	0.92586131
Q13459	MYO9B	VSPAPGSAPEPEDK	T1271,S1267	0.03741833	0.83488239	0.42957843
Q13459	MYO9B	KPGDASSLPDAGLSPGSQVDSK	S1405	0.14728704	0.78245217	0.53170891
Q13459	MYO9B	VQEKPDSPGGSTQIQR	S1290	0.28270852	1.11378641	0.61747982
Q13459	MYO9B	RTSFSTSDVSK	S1354	0.72061649	1.04964539	0.87405855
Q9NZM1	MYOF	GPVGTVSEAQLAR	S174	0.52103717	1.08992161	0.76229747
P41227	NAA10	GNSPPSSGAEACREEK	S186	0.20732789	1.65887395	0.57287379
Q9BXJ9	NAA15	ITVNGDSSAAEELANEI	S856	0.32145087	0.65263734	0.64145984
Q9BXJ9	NAA15	ITVNGDSSAAEELANEI	S855	0.52296517	0.71928777	0.76304189
Q147X3	NAA30	CPFPAGAALACCSEDEEDDEEHEGGGSR	S39	0.30643891	0.68031854	0.63401508
Q13506	NAB1	QSSEHSPNGLTSDNSDGGQGERPLNLR	S403	0.31195423	0.91356322	0.63653708
Q15742	NAB2	APSPTAEQPPGGGDSAR	S6	0.35419372	1.25038968	0.66702539
Q13765	NACA	SPASDTYIVFGEAK	S114	0.12686705	0.67993903	0.5125107
Q96HR8	NAF1	NDQEPPEALDFSDDEK	S315	0.60268544	1.07076664	0.81180092
Q9UJ70	NAGK	SLGLSLGGDQEDAGR	S76	0.72426754	0.88573281	0.87410666
Q99733	NAP1L4	EFITGDVEPTDAESEWHSENEEEEEK	S125	0.25358992	0.51783215	0.59603736
P49321	NASP	SVSGTDVQEECR	S244	0.31207038	1.09242144	0.63653708
P49321	NASP	TEDESLVENNDNIDEAR	S127	0.55439547	0.85231422	0.78182069
Q8NEY1	NAV1	VNSNSLDLPSSDTHASK	S808	0.85219681	1.02303754	0.9354818
Q8IVL1	NAV2	GISSDNESVASCNSVK	S1279	0.65156021	0.94817409	0.8374236
O60934	NBN	IPNYQLSPTK	S432	0.4387378	0.94245928	0.71992276
O60934	NBN	MLSQDAPTVK	S397	0.44645645	0.83024511	0.72351031
Q15021	NCAPD2	YQPLASTASDNDVFTPEPR	S1330	0.24352121	0.66761111	0.58932994
Q15021	NCAPD2	YQPLASTASDNDVFTPEPR	S1333	0.44737256	0.80176315	0.72351031
Q9BPX3	NCAPG	CQTAEADSESDHEVPEPESEM	S975	0.05115718	1.36877828	0.44612288
Q9BPX3	NCAPG	TLHCEGTEINSDEQESK	S674	0.24192234	0.87906211	0.58886046
Q09161	NCBP1	TSANETEDHLESICK	T21	0.18802092	0.50567432	0.56058734
Q09161	NCBP1	TSANETEDHLESICK	S22	0.20684608	0.57233883	0.57287379
Q09161	NCBP1	TSANETEDHLESICK	S22	0.60215967	0.67466351	0.81143153
P16333	NCK1	RKPSVPDSASPADDVDPGER	S85	0.10082848	0.7639201	0.5018786
P19338	NCL	GLSEDTTEETLK	S580	0.09368531	2.25709481	0.5018786
P19338	NCL	GFGFVDFNSEEDAK	S619	0.70672901	0.96790272	0.86558861
P19338	NCL	VVVSPTK	T69	0.81664724	0.95906155	0.92051153
Q9Y6Q9	NCOA3	TPHDILEDINASPENR	S214	0.31591755	0.6840355	0.63800725
Q9HCD5	NCOA5	SSTDSLPGPISR	T379	0.24103931	1.18047842	0.58886046
Q8NI08	NCOA7	ECLSLDPEER	S441	0.03923824	2.07834002	0.43108921
O75376	NCOR1	HEAPSSPISGQPCGDDQNASPSK	S172	0.14261284	1.37585003	0.5281867
O75376	NCOR1	HEAPSSPISGQPCGDDQNASPSK	S157	0.17403858	1.22124863	0.54778823
O75376	NCOR1	YETPSDAIEVISPASSPAPPQEK	S1977	0.73600266	0.93626958	0.87923537
O75376	NCOR1	MPIEDSSPEK	S1196	0.78715408	0.95557951	0.90720825
O75376	NCOR1	VSPENLVDK	S2120	0.80755985	1.03060166	0.91602956
O75376	NCOR1	HEAPSSPISGQPCGDDQNASPSK	S158,S172	0.86300196	1.01425662	0.94087338
O75376	NCOR1	QQQLEEEAAKPEPEKVPSPPPVEQK	S224	0.92369606	1.01846722	0.96716763
O75376	NCOR1	AQLSPGIYDTSAR	S1472	0.96030208	1.00521921	0.98250904
Q9Y618	NCOR2	SPAPGLASGDRPPSVSSVHSEGCNR	S2424	0.1606704	0.71463775	0.54196083

Q9Y618	NCOR2	SPGNSTQPPAFFSK	S2269	0.99003778	1.00237449	0.99497255
Q9BTX1	NDC1	KLNSPEETAFAQTPK	S406	0.43734095	1.23236466	0.71982749
Q9BTX1	NDC1	LNSPEETAFAQTPK	S406	0.61780361	0.94080605	0.81837121
O14777	NDC80	NSQLGIFSSSEK	S77	0.19297442	1.22755125	0.5651429
Q96MG7	NDNL2	PGGSGQSGPSPQGAR	S64	0.04308915	1.35448005	0.44128756
Q92597	NDRG1	TASGSSVTSLDGTR	S330	0.10377317	0.64435146	0.50572948
Q9UGV2	NDRG3	THSTSSSLGSGESPFSR	T332	0.00640836	0.62890584	0.31708848
Q9UGV2	NDRG3	THSTSSSLGSGESPFSR	S331	0.07312498	0.63723938	0.46713103
Q8NHV4	NEDD1	LVTSGAESGNLNTSPSSNQTR	S516	0.58174178	1.31152094	0.80001994
P46934	NEDD4	RQSEETESVDNR	S670	0.38385425	1.22399318	0.67941113
Q96PY6	NEK1	TCSLPDLK	S1052	0.90335808	0.98746867	0.95894477
P51957	NEK4	RLSSDCSVTQER	S661	0.91798993	1.01327434	0.96556856
Q8TD19	NEK9	VASEAPLEHKPQVEASSPR	S869	0.26373158	1.24245239	0.60212177
Q9H3P2	NELFA	EASRPPPEPSAPSTLPAQFK	S363	0.92702829	1.01994328	0.96756561
P18615	NELFE	SISADDDLQESSR	S115	0.28580362	1.07298985	0.61962532
P18615	NELFE	SDSFPER	S251	0.469481	1.16234227	0.73272652
P18615	NELFE	SLYESFVSSDR	S131	0.55760143	0.9458571	0.78304897
P18615	NELFE	SLSEQPVMDDTATATEQAK	S49	0.67572071	1.06593407	0.85001908
P18615	NELFE	SLSEQPVMDDTATATEQAK	S51	0.71078632	0.91484716	0.86790184
O60524	NEMF	KLPSDSGDLEALEGK	S831	0.11235662	0.84075908	0.51002233
O60524	NEMF	KLPSDSGDLEALEGK	S833	0.44162244	0.87890721	0.72100919
P48681	NES	DGESDGFADDEESGEEGEDQEEGREGPAGR	S1418	0.08932228	1.62761743	0.4960359
P48681	NES	ENQEPLRSPEVGDDEALRPLTK	S680	0.13631253	0.67699673	0.52288253
P48681	NES	EGWDPVAVLASEGLEAPPSEK	S1347	0.2817343	0.43973506	0.61660437
P48681	NES	SLGEQDQMTLRPPEK	S768	0.47318356	1.10722376	0.73565792
P48681	NES	QEAATGQSPEDHASLAPPLSPDHSSLEAK	S475	0.75877044	1.04871238	0.88966056
P48681	NES	QEAATGQSPEDHASLAPPLSPDHSSLEAK	S471	0.87264152	1.02279369	0.94378338
Q72628	NET1	RASGLSTEGATGPSADTSGSELDGR	S21	0.98513245	0.99640596	0.99242732
Q0ZGT2	NEXN	EMLASDDEEDVSSK	S80	0.01672402	1.28345802	0.36631449
Q0ZGT2	NEXN	TISQEFLLTPGK	S365	0.86666389	1.02206528	0.94208744
P21359	NF1	SFDHLISDTK	S2543	0.08294763	1.34440344	0.49288727
P21359	NF1	SMSLDMGQPSQANTK	S2523	0.19680361	1.2712006	0.56846559
P21359	NF1	GSEGYLAATYPTVGQTSR	S2515	0.9625668	1.01319611	0.98250904
P35240	NF2	MSFSSLK	S13	0.26962581	1.20045641	0.60403212
Q8NCF5	NFATC2IP	GAADVEVEPEPPPGPVASR	S84	0.49850096	1.06384957	0.75042655
Q12968	NFATC3	KTSEDQAAILPGK	S344	0.07229195	0.73543929	0.46528233
Q12857	NFIA	SVEDEMDSPGEEPFYTGQGR	S280	0.86516718	1.04574657	0.94208744
Q12857	NFIA	SPGSGSQSSGWHEVEPGMPSPTTLK	T322,S300	0.98865656	1.00425953	0.99451389
P08651	NFIC	SPFNPSPOQDSR	S333	0.32059306	0.77620397	0.64118612
P08651	NFIC	NWTEDEMEGGISSPVK	S323	0.39535331	0.90566038	0.69240487
P08651	NFIC	SPFNPSPOQDSR	S339	0.57015219	1.0625	0.7913512
Q16649	NFIL3	LSSPIDMTSK	S353	0.28742874	1.14523202	0.62064599
Q16649	NFIL3	GPIHSPVELK	S301	0.59676473	1.07347876	0.8075237
P23511	NFYA	DSPHMQDPNQADEEAMTQIIR	S326	0.36835737	0.66351176	0.67368198
P23511	NFYA	EKDSPHMQDPNQADEEAMTQIIR	S326	0.74127897	0.87915347	0.88204647
Q8NEI9	NGDN	EQYSDAPEEIR	S214	0.7397517	1.05842675	0.88092337
Q6T4R5	NHS	APSAGLEEVAQPEVDVITSQSDSPTR	S1329	0.34955582	0.53588095	0.6652903
Q6T4R5	NHS	ATTPSLPSVDNEFK	T997	0.61821781	0.91731998	0.81837121
Q6T4R5	NHS	VQQEIDSESPVAR	S415	0.78769074	0.96778753	0.90720825
Q9BYG3	NIFK	VSGLTLDTPKE	T223	0.03230669	0.73670886	0.40879194
Q9BYG3	NIFK	SQVAELNDDDK	S247	0.25980213	0.78344934	0.59994392
Q9BYG3	NIFK	SQVAELNDDDKDDEIVFK	S247	0.6665461	0.92993631	0.84491876
Q6K79	NIPBL	NNTAAETEDDESDDGDRGGTSGSLR	S2672	0.02190208	1.79366383	0.37964331
Q6K79	NIPBL	SPQPVCSPAGSEGTPK	S280	0.32139605	1.14267267	0.64145984
Q6K79	NIPBL	AITSLGGGSPK	S2658	0.37165368	1.59962767	0.67470723
Q6K79	NIPBL	DVPPDILLDSPERK	S318	0.40693571	0.84160422	0.69976652
Q6K79	NIPBL	AAMYDIHSSPK	S350	0.66726138	0.94977398	0.8454773
Q6K79	NIPBL	NNTAAETEDDESDDGDR	S2672	0.78137907	0.90930465	0.90493462
Q8N5F7	NKAP	IGELGAPEWGLSPK	S149	0.54180515	1.10626157	0.77202382
P30414	NKTR	VEETSPNGAR	S1146	0.15478641	1.14049587	0.53741649
P30414	NKTR	HDTVTVSSDLQFTK	S1076	0.90489613	1.01798677	0.95963537
P30414	NKTR	ILIPSDIESSK	S463	0.93288838	1.00951847	0.97049271
P43699	NKX2-1	AAQQQLQQDSGGGGGGTGCPCQQQAQQQSPR	S254	0.55828042	1.12777285	0.78304897
Q86W24	NLRP14	SLCEALK	S748	0.63400158	1.05249169	0.82701539
Q96D46	NMD3	DSAIPIVSDTDDEGAPR	S468	0.04061653	1.23550296	0.43387065
Q96D46	NMD3	DSAIPIVSDTDDEGAPR	T470	0.04198781	1.32219366	0.43978141
P15531	NME1	NIHIGSDSVESAIEK	S120	0.06393011	1.51328512	0.46076126
O60361	NME2P1	NIHIGSDSVK	S105	0.00347911	3.30752804	0.29204389
Q9HAN9	NMNAT1	LEASDCDHQQNSPTLERPGR	S117	0.10602974	1.15119363	0.50572948
P30419	NMT1	GGSPANDTGAK	S47	0.92030941	0.98974247	0.96635781
Q9ULX3	NOB1	GEDVPSEEEEEENGFEEDR	S184	0.11945697	0.78568794	0.51002233
Q9ULX3	NOB1	KDSDDDGGGWITPSNIK	S201	0.22960446	0.65553789	0.58267075
Q9ULX3	NOB1	DDSDDDGGGWITPSNIK	S201	0.26469028	0.68890691	0.60298408
Q76FK4	NOL8	VSHDSDDDIMR	S365	0.07103962	1.16990788	0.46528233
Q5JPE7	NOMO2	LQGVGALGQAASDNSGPEDAK	S1205	0.05727122	1.73887737	0.45298462
P78316	NOP14	MNVEEDVQEQSK	S349	0.10598865	1.22160387	0.50572948
P78316	NOP14	FGEYNSNMSPEEK	S96	0.17365293	0.85941947	0.54778823
P78316	NOP14	RFGYNSNMSPEEK	S96	0.31735002	1.18	0.63865949
P46087	NOP2	GTDQTTPAVLSPSK	S732	0.22078412	0.87815853	0.58267075
O00567	NOP56	EEPVSSGPEEAVGK	S570	0.14841489	1.19036954	0.53335371
O00567	NOP56	EELMSSDLEETAGSTSPK	S519	0.60500152	0.8363223	0.81202192

O00567	NOP56	EELMSSDLEETAGSTSIPK	S520	0.62897881	0.89761775	0.82322298
Q9Y2X3	NOP58	EEPLSEEEPTSTAIASPEK	S502	0.00068833	2.45888889	0.21503578
Q9Y2X3	NOP58	EEPLSEEEPTSTAIASPEK	S502,S514	0.18435104	0.85502165	0.55849825
Q9Y2X3	NOP58	EEPLSEEEPTSTAIASPEKK	S502,S514	0.48301929	1.14119601	0.74130364
Q9Y2X3	NOP58	EEPLSEEEPTSTAIASPEK	S514	0.59739056	1.05789474	0.8075237
O75052	NOS1AP	VSHQPQMLTASPR	S266	0.92154662	1.01883563	0.9667998
Q04721	NOTCH2	AEDEALLSEEDDPIDR	S1778	0.02899682	1.24566929	0.40710444
Q14207	NPAT	AHASLMSPGR	S207	0.28633772	0.83457866	0.61994998
P06748	NPM1	LLSISGK	S137	0.55619296	1.123297	0.78182069
P10588	NR2F6	AAEDDSASPPGAASDAEPGDEERPLQVDCVCGDK	S40	0.33143508	0.76877882	0.6527531
Q9UHY1	NRPB1	TPTPEPAEVETR	T433	0.63287459	0.9477208	0.82591157
O43847	NRD1	RGSLSNAGDPEIVK	S94	0.11985623	1.19221106	0.51002233
O43847	NRD1	RGSLSNAGDPEIVK	S96	0.72325029	1.05229111	0.87410666
P48552	NRIP1	SEPVSQDFFSK	S807	0.0046024	0.63742935	0.29204389
Q96L73	NSD1	AASPHQVTPQADEK	S2471	0.37469877	1.0958382	0.67596613
Q08J23	NSUN2	ESTQLSPADLTEGKPTDPSK	S456	0.01267243	1.17746114	0.36501133
Q08J23	NSUN2	AGEPNSPDAEEANSPDVTAGCDPAGVHPPR	S751	0.04381072	1.43606685	0.44293212
Q08J23	NSUN2	AGEPNSPDAEEANSPDVTAGCDPAGVHPPR	S743	0.21946142	1.15003159	0.58267075
Q08J23	NSUN2	AGEPNSPDAEEANSPDVTAGCDPAGVHPPR	S743,S751	0.76733292	0.95724303	0.8945081
Q632Y6	NSUN5P2	QLEEPGAGTPSPVR	S143	0.82985883	1.02112104	0.92538008
Q9H1E3	NUCKS1	SGDEGSEDEAPSGED	S229	0.00330959	0.40691075	0.29204389
Q9H1E3	NUCKS1	TPSPKEEDEEPSPEK	T202,S214	0.08085494	1.6610687	0.48773691
Q9H1E3	NUCKS1	SGDEGSEDEAPSGED	S240	0.11625402	10.3928457	0.51002233
Q9H1E3	NUCKS1	EEDEEPSPEK	S214	0.12807016	1.26831897	0.5125107
Q9H1E3	NUCKS1	EMLMEDVGSSEEEQEEDEEAPFQEK	S113	0.23838205	0.20449868	0.58659078
Q9H1E3	NUCKS1	VVDYSQFQESDDADEDYGR	S19	0.31392762	0.36002135	0.63653708
Q9H1E3	NUCKS1	ATVTPSPVK	S181	0.44232712	0.85091198	0.72140914
Q9Y266	NUDC	NGSLDSPGKQDTEDEEEDEK	S139	0.10566939	2.25964865	0.50572948
Q7Z417	NUFIP2	GADNDGSGSESGYTTPK	S212	0.12724311	1.17794818	0.5125107
Q7Z417	NUFIP2	NDSWGSFDLR	S652	0.19318374	1.17868539	0.5651429
Q7Z417	NUFIP2	NLSSDEATNPISR	S112	0.21760624	1.18978102	0.58142167
Q14980	NUMA1	VSLEPHQGGPTPEK	T2000	0.05256785	0.63026137	0.44612288
Q14980	NUMA1	TQPDGTSVPGEPASISQR	S1757	0.54528784	1.07076515	0.77425113
Q14980	NUMA1	RVSLEPHQGGPTPEK	S1991	0.84418492	1.0456139	0.93169366
P49757	NUMB	TNPSPTNPFSSDLQK	S634	0.15277671	1.21609794	0.53741649
P49790	NUP153	SPGFASPK	S614	0.55809404	1.26791497	0.78304897
O75694	NUP155	AAPQSPSVPK	S994	0.88142371	0.98410472	0.94687741
Q8TEM1	NUP210	DLAVPAALTPR	T1844	0.53949586	1.09550973	0.7718622
P35658	NUP214	SPGSTPTTPTSSQAPQK	S433	0.01134926	1.37761295	0.36250201
P35658	NUP214	SPGSTPTTPTSSQAPQK	T437	0.46777186	1.13038045	0.73186198
P35658	NUP214	SAQGSSSPVPSMVQK	S657	0.71343636	1.04190062	0.86856453
P35658	NUP214	SPGSTPTTPTSSQAPQK	S430,S441	0.81317121	0.95557018	0.91980727
Q9UUX7	NUP50	YLANIEQQHGNSSGRNSESESNK	S204	0.4706519	0.81376027	0.73358967
Q9UUX7	NUP50	YAAETQSPSLFGSTK	S221	0.74189303	0.92248959	0.88208167
Q99567	NUP88	EDVEVAESPLR	S517	0.71999476	0.95232816	0.87405855
P52948	NUP98	ADTSQEICSPR	S1028	0.68225885	0.9495096	0.85176743
P52948	NUP98	YGLQDSDEEEHPSK	S888	0.73440235	0.93545611	0.87923537
P52948	NUP98	DSENLASPEYEPENGER	S623	0.9148936	0.98796631	0.96462519
Q9NX40	OCIA1	KLENSPLGEALR	S108	0.0268766	1.52380952	0.40703825
Q9NX40	OCIA1	LENSPLGEALR	S108	0.75489409	1.03912638	0.8884671
Q16625	OCLN	YSSGGNFETPSK	S370	0.86712349	0.97453888	0.94208744
Q9NZT2	OGFR	KVEEESPGDDPDHEASTQGR	S315	0.08881536	1.47606383	0.4960359
Q9NZT2	OGFR	SVEPQDAGPLER	S349	0.23427127	1.17988669	0.58536202
Q9NZT2	OGFR	SQGDDEAGHGEDRPEPLSPK	S378	0.26278125	1.08003088	0.60132025
Q9NZT2	OGFR	VEEESPGDDPDHEASTQGR	S315	0.95063271	0.99059193	0.97916383
Q15619	OR1C1	NLTVVR	T7	0.34080194	1.26800505	0.65997492
Q13415	ORC1	SAESPSWTPAEHVAK	S199	0.01823387	0.69268049	0.37230658
Q13415	ORC1	VAFSEITSPSK	S273	0.10544508	0.74932905	0.50572948
P22059	OSBP	MLAESDESDEESVSQTDK	S193	0.01065088	1.45945335	0.35060945
P22059	OSBP	MLAESDESDEESVSQTDK	S190	0.07720057	1.74225569	0.48171963
P22059	OSBP	SLSELESK	S240	0.08355183	1.22261964	0.49347121
P22059	OSBP	MLAESDESDEESVSQTDK	S190,S193	0.53298079	0.69264145	0.76840363
Q9BXB5	OSBPL10	SDNEDKEETELGVMEQQR	S380	0.9090298	1.07487511	0.96085522
Q9BXW6	OSBPL1A	SFEEEGEHLGSR	S499	0.20024716	1.28088943	0.56975265
Q9H4L5	OSBPL3	QDSWEVVEGLR	S34	0.18710326	0.74676346	0.56058734
Q9H4L5	OSBPL3	QLMEQDASSPSAQVIGLK	S371	0.21418448	1.91335034	0.58063793
Q9H4L5	OSBPL3	LHSSNPNLSTLDFGEEK	S304	0.46578021	1.08029338	0.73040295
Q9H4L5	OSBPL3	ALVHQLSNESR	S437	0.47855917	1.04657534	0.73924977
Q9BZF1	OSBPL8	ENDQEHDESNDNEVMGK	S342	0.43865823	1.14696593	0.71992276
Q01804	OTUD4	EESEDENEVSNILR	S1023	0.01902239	1.26585695	0.37230658
Q01804	OTUD4	ESNYFGLSPEER	S442	0.53070635	0.94497078	0.76679083
Q8N573	OXR1	VVSSTSEEEAFTEK	S204	0.49342724	0.97108283	0.74837624
Q8N573	OXR1	VVSSTSEEEAFTEK	S202	0.54095786	1.05480632	0.7718622
Q9NWX8	PAG1	ENDYESISDLQQR	Y417	0.09587251	0.47352618	0.5018786
Q9NWX8	PAG1	EGGEAEESATDTTSETNK	S288	0.47522243	1.10552374	0.73669753
Q96GU1	PAGE5	SQSSERGNQDESSQVGPVIVQVQPTTEK	S31	0.25367616	1.25631579	0.59603736
Q96GU1	PAGE5	GNDQESSQVGPVIVQVQPTTEK	S40	0.66605716	1.11020934	0.84491876
Q9BTK6	PAGR1	DLFSLDSEDPSPAPPLR	S237	0.31023915	0.87045784	0.63653708
P22234	PAICS	EVYELLDSPGK	S27	0.62209061	0.86153315	0.82113924
Q13153	PAK1	DVATSPISPTEENNTTPDALTR	T225,T229	0.07916101	0.78185362	0.48550079
Q13153	PAK1	DVATSPISPTEENNTTPDALTR	T230	0.36397318	1.17791612	0.67249569

Q13153	PAK1	DVATSPISPTENNTTPPDALTR	S223	0.47423245	1.21599701	0.73608495
Q13177	PAK2	YLSFTPPEK	S141	0.00874954	0.42216153	0.3318662
Q13177	PAK2	GTEAPAVVTEEEDDDEETAPPVIAPRPDHTK	T169	0.33640708	0.90253304	0.65732844
Q8WX93	PALLD	SRDSGDENEPIQER	S1121	0.01964347	1.26530612	0.37720134
Q8WX93	PALLD	IASDEEIQGTK	S893	0.90549599	0.9819197	0.95963537
Q9BZ23	PANK2	RASSASVAVGASAEGRTR	S168	0.12114243	0.69921325	0.51015063
Q9BZ23	PANK2	LGSYSGPTSVSR	S189	0.80440392	0.98486056	0.91456043
Q9BWT3	PAPOLG	RLSDSSCLDSSR	S525	0.76703933	0.95495496	0.8945081
Q8TEW0	PARD3	FSPDSQYIDNR	S383	0.09988096	0.81910958	0.5018786
Q8TEW0	PARD3	SMDLGIADETK	S852	0.23103518	1.19609756	0.58402227
Q9BYG5	PARD6B	HGAGSGCLGTMEVK	S11	0.0332709	1.30828815	0.41440901
Q86W56	PARG	QESCLGNPPFEK	S286	0.76033016	0.94941807	0.88975212
O95453	PARN	ELSPAGSISK	S619	0.05076867	1.36314572	0.44612288
O95453	PARN	NNSFTAPSTVGK	S557	0.42270695	0.87849422	0.71209015
Q53GL7	PARP10	AGPVSPGCVK	S431	0.61782451	0.88435468	0.81837121
Q86TB9	PATL1	STSPHIGSPVVR	S179	0.66795811	1.08227311	0.84569578
Q96KB5	PBK	GLSHSPWAVK	S59	0.16251357	0.54360984	0.54196083
Q08174	PCDH1	SNSPLPSIQLQPQSPSASK	S973,S984	0.81270798	0.9301554	0.91960573
O60245	PCDH7	LSDSPSMGR	S974	0.10375467	0.62563821	0.50572948
Q9H4Z3	PCIF1	EEASLLSHSPGTNSQSPCKPIR	S30,S14	0.23886684	1.46595634	0.58659409
Q9H4Z3	PCIF1	QLSEEQPSGNGVK	S116	0.42359072	1.11283495	0.71283447
Q15154	PCM1	YMSQMSVPEQAELEK	S93	0.04053356	0.58425212	0.43387065
Q15154	PCM1	RVTNDISPESPGVGR	S65	0.12959525	2.17286078	0.5125107
Q15154	PCM1	WVSELSVVEEK	S991	0.18002461	0.67395824	0.55295852
Q15154	PCM1	KFGVESDK	S56	0.51281413	1.07512469	0.75817525
Q15154	PCM1	ILEDHGSAPAGEIDDEDK	S1730	0.59720075	0.90228873	0.8075237
Q8WW12	PCNP	DTPTSAGPNSFNK	S147	0.11346771	1.49381396	0.51002233
P49585	PCYT1A	TSPPCSPANLSR	T342,S347	0.3065913	1.2282181	0.63401508
P49585	PCYT1A	AAAYDISEDEED	S362	0.62112031	0.84841795	0.82052994
Q9Y5K3	PCYT1B	MLQALSPK	S315	0.04117808	1.42976939	0.43680889
Q53EL6	PDCD4	SGLTVTPSPK	T93	0.01666407	2.04421688	0.36631449
O14737	PDCD5	VMSDEDDDDY	S119	0.41602358	0.81541451	0.70812712
O76074	PDE5A	GHTESCSCPLQQSPR	S86	0.05029234	0.79186052	0.44612288
O60658	PDE8A	RLSGNEVVLSTK	S457	0.11455992	1.21092649	0.51002233
P08559	PDHA1	YHGHSMSDPGVSYR	S293,S300	0.0530283	0.3192745	0.44612288
P08559	PDHA1	YGMGTSVER	S232	0.40304571	1.10395656	0.69829509
P08559	PDHA1	YHGHSMSDPGVSYR	S295	0.40678331	0.7161017	0.69976652
P08559	PDHA1	YHGHSMSDPGVSYR	S293	0.46231657	0.94291755	0.72895075
P08559	PDHA1	YHGHSMSDPGVSYR	Y289	0.77423569	0.92885109	0.89974219
O00151	PDLM1	VWSPLVTEEGK	S90	0.70302156	0.92427185	0.86398002
Q96JY6	PDLM2	SQATSPGQTNGDSSLEVLATR	S87	0.6696437	0.94187026	0.84650101
P50479	PDLM4	IHIDPEIQDGSPTTSR	S112	0.05590943	0.76937046	0.45298462
Q29RF7	PD55A	AAVGQESPPGLEAGNAK	S1305	0.48561261	1.08020638	0.74248003
Q29RF7	PD55A	EQSSAAETGVSENEPNVR	S1195	0.9327074	1.01615227	0.97049271
Q9NTI5	PD55B	METVSNASSSNPSSPGR	S1162,S1165	0.020781	1.67208877	0.37949754
Q9NTI5	PD55B	AESPESIAESTQSTPQK	S1358	0.0215276	1.50548005	0.37949754
Q9NTI5	PD55B	METVSNASSSNPSSPGR	S1166	0.0528979	1.17999603	0.44612288
Q9NTI5	PD55B	GHTASESEQQWPEEK	S1257	0.07865657	0.72507331	0.48479487
Q9NTI5	PD55B	RGHTASESEQQWPEEK	S1257	0.22475276	1.20437406	0.58267075
Q9NTI5	PD55B	AESPESIAESTQSTPQK	T1370,S1358	0.24529543	0.83643032	0.58971922
Q9NTI5	PD55B	GRLDSSSEMDHSENEYDTMSSPLPGK	S1176,S1182	0.26829547	0.39239319	0.60403212
Q9NTI5	PD55B	EDILENEDEQNSPPKK	S1283	0.3408302	1.08339342	0.65997492
Q9NTI5	PD55B	EDILENEDEQNSPPK	S1283	0.92313437	0.98728134	0.96716763
Q6P996	PDXDC1	GSDALSETSSVSHIEDLEK	S718	0.10393753	0.17788634	0.50572948
Q15121	PEA15	QPSEEEIHK	S116	0.49740873	1.15592996	0.74981346
P30086	PEBP1	NRPTSISWDGLDLSGK	S52	0.86000249	1.0166205	0.93886034
Q8IZL8	PELP1	GSPDGLQGTGKPSAPK	S481	0.20521345	1.44578313	0.57194083
Q8IZL8	PELP1	AGSNEDPILAPSGTTPPTIPDETFFGGR	T745	0.29917758	1.21148072	0.62631205
Q8IZL8	PELP1	EGESPAAGPPPQELVEEESAPPTLLEEETEDGSDK	S1043	0.41661715	0.5351315	0.70812712
O43933	PEX1	SQSGEDESMMNQPGPIK	S1211	0.39282129	0.91856954	0.68946762
P40855	PEX19	NATDLQNSMSEELTK	S147	0.30755299	0.71919068	0.63518947
Q9NQP4	PFDN4	FGSNINLEADES	S125	0.97532595	1.0036905	0.98795929
Q16875	PFKF3	RNSVTPLASPEPTK	S461,S467	0.05326801	0.23710804	0.44612288
Q01813	PFKP	SFAGNLNTYK	S386	0.21378749	0.89575758	0.58004915
O00264	PGRMC1	EGEETPVYSDEEPPKDESAR	S181	0.06249098	1.83004985	0.45817252
O00264	PGRMC1	GDQPAASGDSDDEPPPLPR	S57	0.06675972	1.34245096	0.46315453
O00264	PGRMC1	EGEETPVYSDEEPEK	S181	0.67528843	1.05319645	0.84997288
O15173	PGRMC2	DFSLEQLR	S104	0.00356658	6.05778912	0.29204389
O15173	PGRMC2	LLKPGEEPSEYTDDEEDTK	T211	0.12871455	1.17851194	0.5125107
O15173	PGRMC2	GLGAGAGAGEESPATSLPR	S90	0.38882688	1.14409575	0.68506582
O15173	PGRMC2	LLKPGEEPSEYTDDEEDTK	S208	0.61232968	1.05179961	0.81560563
Q8IZ21	PHACTR4	SSSPVQVEEPPVR	S118	0.45354578	1.07393365	0.72537341
Q8IXK0	PHC2	LPQQDHTTTTDSMEEPYLQESK	T619	0.37755141	0.92107584	0.67666227
Q92613	PHF16	NSSTETDQQPHSPDSSSVHSIR	S566	0.30091869	1.12963989	0.62791959
O75151	PHF2	EPPSPIEATPPQSLLK	S474	0.3754314	1.18836887	0.67596613
O75151	PHF2	AVRPEVNTVASSDEVCDGDREK	S458	0.63004079	0.86954151	0.82390229
Q92576	PHF3	RQLQEDQENNLQDNQTSNSSPCR	S1614	0.14143037	1.20592593	0.52770768
Q92576	PHF3	MAPPVDDLSPKK	S1133	0.44716592	1.17209673	0.72351031
Q92576	PHF3	MAPPVDDLSPK	S1133	0.79330382	0.97594502	0.91095934
Q8IWS0	PHF6	TAHNSEADLEESFNEHELEPSSPK	S138,S155	0.23878047	0.40185187	0.58659409
Q8WWQ0	PHIP	TAFYNEDDSEEEQR	S1783	0.3221349	0.71050521	0.64145984

Q8WWQ0	PHIP	AQSYDIQAWK	S1315	0.826072	0.95080984	0.92458845
P46019	PHKA2	SLNLVDSPQLLEK	S729	0.22121474	1.4126882	0.58267075
Q93100	PHKB	QSSTPSAPELGQQPDVNISEWK	T702	0.19382977	0.6690229	0.56542437
Q86UU1	PHLDB1	TRSPSPTLGLSAPHK	S518,S520	0.17404927	0.80413437	0.54778823
Q86UU1	PHLDB1	LWESMER	S678	0.52156407	0.80512499	0.76237684
Q86UU1	PHLDB1	TFSOGLATR	S430	0.70719359	1.0644493	0.86558861
Q86UU1	PHLDB1	TLQPPEPR	S443	0.89270157	1.03046747	0.95233309
Q86SQ0	PHLDB2	LSTGTTVEDVQK	S468	0.09856515	0.75854926	0.5018786
Q86SQ0	PHLDB2	SGAAMPSSPK	S204	0.12726805	1.36460852	0.5125107
Q86SQ0	PHLDB2	SSISSISGR	S414	0.54611178	0.89154397	0.77473905
Q86SQ0	PHLDB2	SHDNVYSLGGLEGR	Y162	0.86791192	1.03850746	0.94208744
Q9P1Y6	PHRF1	LPALGEAHVSEVATADK	S1229	0.09172249	1.2389145	0.49933922
Q9P1Y6	PHRF1	ECSPTSSLER	S1124	0.51433505	0.95250425	0.75868535
Q9P1Y6	PHRF1	EASPAPLAQGEPEGREDLPT	S1202	0.67086518	1.05354986	0.84671795
Q9BTU6	PI4K2A	VAAAAGSGSPGPGSPGHDR	S47,S51	0.01691905	1.2636695	0.36631449
Q9BTU6	PI4K2A	VAAAAGSGSPGPGSPGHDR	S47	0.11853105	1.3434526	0.51002233
Q8TCG2	PI4K2B	LASADGGSPPEEEDGEREPLLR	S17	0.09565406	1.29199771	0.5018786
Q9UBF8	PI4KB	SVENLPECGITHEQR	S428	0.58259225	1.03199269	0.80010327
Q92508	PIEZO1	TASELLDR	S1646	0.06567862	0.81598281	0.46184181
Q92508	PIEZO1	SGSEEAIVDPGER	S1621	0.95373448	1.0088645	0.98079293
O00443	PIK3C2A	VSNLQVSPK	S259	0.06099488	0.81263309	0.45713107
Q9Y2I7	PIKFYVE	SASITNLSLDR	S307	0.27441434	0.80878975	0.60717337
Q9UKF7	PITPNC1	SAPETLTPDPEK	S299	0.11104028	1.16206773	0.51002233
Q9BZ71	PITPNM3	KGSISSTQDTPVAVEEDCSLASSK	S297	0.09871939	0.77651839	0.5018786
Q9BZ71	PITPNM3	SNIDISSGLEDEEPK	S321	0.15742672	1.2120098	0.53741649
P14618	PKM	LDIDSPITAR	S37	0.72576973	1.05090422	0.87523758
Q16512	PKN1	LNLGTDSDSSPQK	S562	0.46000562	0.90585534	0.72775395
Q16513	PKN2	ASSLGEIDESSLER	S583	0.11929497	1.12222926	0.51002233
Q99959	PKP2	RLEISPDSSPER	S151	0.00385023	1.33781965	0.29204389
Q99959	PKP2	LEISPDSSPER	S151	0.06944241	1.32304441	0.4637455
Q99959	PKP2	SMGNLLEK	S251	0.32996691	1.14449339	0.65025856
Q99959	PKP2	RLEISPDSSPER	S151,S155	0.82965848	1.02297136	0.92538008
Q9Y446	PKP3	ADYDTLSLR	S180	0.01411049	0.57530529	0.36631449
Q9Y446	PKP3	SAVDLCSR	S123	0.10613108	0.64890405	0.50572948
Q9Y446	PKP3	LSSGFDDIDLPSAVK	S314	0.78231831	1.05873776	0.90515203
Q9Y446	PKP3	AGGLDWPEATEVSPSR	S238	0.95520642	0.98965018	0.98168076
Q99569	PKP4	SAVSPDLHITPIYEGR	S406	0.09426655	0.50297487	0.5018786
Q99569	PKP4	VASPSQGVGSSSPK	S337	0.29408965	1.24618454	0.62281368
Q99569	PKP4	VGSPLTLTDAQTR	S314	0.33753006	0.86042539	0.65781985
P47712	PLA2G4A	HIVSNDSDSDDESHEPK	S437	0.89868775	1.01656627	0.95652424
Q01970	PLC3	SLGDEGLNR	S537	0.6086259	1.14513238	0.81409847
Q15149	PLEC	SDEGQLSPATR	S720	0.03219495	1.38799225	0.40879194
Q15149	PLEC	SLQEEHVAVQALR	S1732	0.04937204	1.57894737	0.44612288
Q15149	PLEC	QITMEEVLR	T4030	0.11108227	0.21658321	0.51002233
Q15149	PLEC	ELEEVSPEPVPVATTQR	S149	0.17027468	1.32462901	0.54531589
Q15149	PLEC	GYSPYSVSGSGTAGSR	T4623,S4626	0.20757381	0.4690158	0.57287379
Q15149	PLEC	SSVSGSSSYPIPAVSR	S4384,S4400	0.32562997	0.7166157	0.64655277
Q15149	PLEC	SSVSGSSSYPIPAVSR	S4386,S4389	0.34939069	0.58365977	0.6652903
Q15149	PLEC	SWSLATFR	S1047	0.41895085	1.25185278	0.709009
Q15149	PLEC	AQLEPVASPAK	S1435	0.47554039	1.21776504	0.73683636
Q15149	PLEC	SSVSGSSSYPIPAVSR	S4386	0.74459296	0.93333333	0.88343394
Q15149	PLEC	GYSPYSVSGSGTAGSR	S4626	0.79796556	0.92096917	0.91349783
Q15149	PLEC	SSVSGSSSYPIPAVSR	S4396	0.99385832	0.99695611	0.99524397
Q9HB21	PLEKHA1	SNSLVSTFTMEK	S332	0.32867655	1.13820111	0.64890487
Q9HB20	PLEKHA3	TYSDTDCSDIPLDPDRPVHCSK	S244	0.81468566	1.02268908	0.91990355
Q9Y2H5	PLEKHA6	TKSPTDDEVTPSAVVR	T775	0.41181627	1.2179077	0.70441107
Q9Y2H5	PLEKHA6	SPTDDEVTPSAVVR	S777	0.67870501	0.95318254	0.85062252
A1L390	PLEKHG3	GPLSPFNSR	S76	0.02346369	0.84881044	0.39017457
A1L390	PLEKHG3	SSSVLSLEGSEK	S643	0.49765629	0.96859107	0.74981346
A1L390	PLEKHG3	IWEGMESSGGSPGK	S827	0.58508961	0.86784406	0.80108627
A1L390	PLEKHG3	AWSSQDEVSTNVR	S433	0.69689071	1.07701493	0.86070806
A1L390	PLEKHG3	DGKSPTVPLQEEAGEPLGGK	S962	0.78561331	0.87233799	0.90663264
Q494U1	PLEKHN1	TASGHEPGGSAVCASR	S266	0.00488633	0.57435886	0.29204389
Q494U1	PLEKHN1	EGSEPWLPLTDGR	S611	0.25400994	1.11016144	0.59638724
O60664	PLIN3	VSGAQEMVSSAK	S130	0.25284981	1.43530321	0.59589813
P29590	PML	SPVIGSEVFLPNSNHVASGAGEAER	S530	0.30784357	0.43543984	0.63538282
P29590	PML	AVSPPHLDGPPSPR	S518,S527	0.48196044	1.07411765	0.74108884
Q96760	PNKP	TPESQDTPPGTPLVLSQDEK	T118	0.1806618	1.25914634	0.55295852
Q9H307	PNN	QESDPEDDDVK	S100	0.28941928	1.24253201	0.62161558
Q9H307	PNN	GFSDSGGGPPAK	S66	0.39006827	0.84200849	0.68677732
Q9H307	PNN	EIAIVHSDAEK	S347	0.41105845	1.22004062	0.70348782
Q9H307	PNN	ENVSALDMEK	S450	0.82638429	0.93879813	0.92458845
Q9H307	PNN	VESVPESENEASK	S422	0.8759585	1.02923911	0.94541389
Q9BY77	POLDIP3	VNSASSNPPAEVDPDTILK	S383	0.13011576	0.59684784	0.5125107
Q9NP87	POLM	VGSPSGDAASSTPPSTR	S14	0.1095991	1.16624048	0.51002233
P24928	POLR2A	YSPTSPTYSPSPK	S1920	0.248953	0.95303959	0.59402542
P24928	POLR2A	YSPTSPTYSPTPK	Y1874,S1882	0.45524556	0.81919166	0.72561974
P24928	POLR2A	YSPTSPTYSPSPK	T1915	0.59456555	0.86069844	0.80657235
P24928	POLR2A	YSPTSPTYSPSPK	Y1909,S1920	0.94255823	0.98930954	0.97645885
P24928	POLR2A	YSPTSPTYSPTPK	S1878	0.96253677	0.99671772	0.98250904
Q9NVU0	POLR3E	EETVSEEGEEDQEAEEPMDSPLGHSK	S503	0.50201597	0.73426507	0.75168596

Q99575	POP1	SAVCIADPLTPSQUEK	S367	0.24993047	0.86338369	0.5945986
Q99575	POP1	VQAYEEPSVASSPNGK	S730	0.32568142	1.08231259	0.64655277
P16435	POR	IQTLTSSVR	S63	0.00283524	31.5377586	0.29204389
P14859	POU2F1	INPPSSGGTSSSPIK	T445	0.64392675	0.95758023	0.83081654
Q9H2U2	PPA2	SLVESVSSSPNK	S317	0.20036138	1.10760668	0.56975265
Q9NQ55	PPAN	VGGSDEEASGIPSR	S359	0.070828	1.23490157	0.46528233
Q13136	PPFIA1	VTSSMSSPSMQPK	S1174	0.20978305	0.77069575	0.57447755
Q13136	PPFIA1	RSSDGLSHEEDLAK	S239	0.69237711	1.02784431	0.85860808
Q86W92	PPFIBP1	SQSTTFNPDDMSEPEFK	S601	0.01214286	0.60420017	0.36467189
Q8NEY8	PPHLN1	DNTFFRESVGR	S133	0.6608021	0.95330019	0.84225507
Q08752	PPID	DGSGDSDHPFEDADIDLK	S198	0.45436355	0.85030987	0.72561974
Q13427	PPIG	RSETPPHWR	T358	0.43423228	1.15088013	0.71865424
O15355	PPM1G	KLEEVLTSTEGAEENGNSDK	T528	0.03567826	1.45108184	0.42091393
O15355	PPM1G	LEEVLTSTEGAEENGNSDK	S527	0.10371576	1.34828981	0.50572948
O15355	PPM1G	KLEEVLTSTEGAEENGNSDK	S527	0.12514746	1.27509267	0.5125107
O14974	PPP1R12A	LASTSDIEEK	S507	0.01920361	0.59618602	0.37230658
O14974	PPP1R12A	KSPLIESTANMDNNSQSK	S299	0.29761048	1.20629371	0.62494294
O14974	PPP1R12A	SGSYSYLEER	S910	0.30490944	0.84184514	0.63297159
O14974	PPP1R12A	SPLIESTANMDNNSQSK	S299	0.38574827	1.12755386	0.68112967
O14974	PPP1R12A	RLASTSDIEEK	S507	0.46913012	0.8	0.73253328
O14974	PPP1R12A	TGSYGALAEITASK	S445	0.53277899	0.90009425	0.76840363
Q9BZL4	PPP1R12C	SPVQLEEAPFSR	S407	0.07436155	0.77769411	0.47168775
Q9BZL4	PPP1R12C	SASSSWLEGTSTQAK	S450	0.82936763	1.02905569	0.92538008
Q96KQ4	PPP1R13B	EPEQDGAAPADGTVESLPRPLSPTK	T673	0.12188309	1.20140281	0.5105605
Q96A00	PPP1R14A	QPSPSHDGSLSPLODR	S134	0.09803002	1.14171074	0.5018786
Q96A00	PPP1R14A	QPSPSHDGSLSPLODR	S128,S134	0.23281523	0.92221847	0.58402949
Q96A00	PPP1R14A	QPSPSHDGSLSPLODR	S128,S136	0.25589424	0.91111911	0.59776597
Q96A00	PPP1R14A	QPSPSHDGSLSPLODR	S128	0.53486652	1.06527876	0.76972936
Q96C90	PPP1R14B	VYFQSPPGAAGEGPGGADDEGPVR	S32	0.70079688	0.91221857	0.86274503
Q96C90	PPP1R14B	VYFQSPPGAAGEGPGGADDEGPVR	S32	0.81568824	0.92955373	0.92007352
Q6NVC8	PPP1R18	LLESPPGVEAGEGEAEK	S368	0.36985358	1.13602015	0.67368198
Q6NXS1	PPP1R2P3	IQEQSSGEEDSDLSPEER	S122	0.02138597	1.52836053	0.37949754
Q15435	PPP1R7	HSSGIVADLSEQLK	S37	0.26941905	0.68652143	0.60403212
Q15435	PPP1R7	GAGQQQSQEMMEVDR	S12	0.93908314	0.97414013	0.97418985
Q96SB3	PPP1R9B	FNGSTEALDK	S190	0.05065937	1.588759	0.44612288
Q96SB3	PPP1R9B	ASSLNENVDSHALLK	S100	0.37539499	0.77301359	0.67596613
Q14738	PPP2R5D	SELPQDVYTIK	S573	0.03965577	0.64057606	0.43210738
Q9NY27	PPP4R2	NHSDSSTSESEVSSVPLK	S226	0.00272729	0.80369128	0.29204389
Q9NY27	PPP4R2	MNGVMFPGNSPSYTER	S159	0.50945018	1.24458879	0.75632134
O75170	PPP6R2	VGTEGLVDSFSQGLER	S289	0.0503503	0.50323853	0.44612288
Q5H9R7	PPP6R3	IQQFDDGGSDDEEDIWEEK	S617	0.15738775	0.78643123	0.53741649
Q9NQV6	PRDM10	SDDGTQDLLHFPTK	S424	0.78899607	0.96335886	0.90808284
P30041	PRDX6	DFTPVCTTELGR	T44	0.94618394	0.98430883	0.9788835
Q96MT3	PRICKLE1	SRSDNALNLVTER	S681	0.15325634	0.82620805	0.53741649
Q9Y478	PRKAB1	CSDVSELSPPGYPHQEPYVCKPEER	S182	0.43575141	0.67402502	0.71904555
P10644	PRKAR1A	EDEISPPPPNPVVK	S83	0.33632834	0.87177056	0.65732844
P10644	PRKAR1A	TDSREDEISPPPPNPVVK	S83	0.68026354	1.03091625	0.85138739
P31321	PRKAR1B	SNSQSDSHDEEVSPTPPNPVVK	T85	0.62420448	1.0600939	0.82174981
P13861	PRKAR2A	GDSESEDEDELEVPVPSR	S80	0.03223336	1.86140929	0.40879194
P13861	PRKAR2A	RVSVCAEYNPDEEEDTDPR	S99	0.31328191	0.71591617	0.63653708
P31323	PRKAR2B	RASVCAEAYNPDEEEDDAESR	S114	0.16118681	0.72528083	0.54196803
Q05655	PRKCD	SDSASSEPVGIYQGFKEK	S302	0.06843023	0.73071594	0.4637455
Q05655	PRKCD	SDSASSEPVGIYQGFKEK	Y313	0.10998612	0.63618625	0.51002233
Q05655	PRKCD	TGVAGEDMQDNSGTYGK	Y334	0.25351488	0.7488172	0.59603736
Q05655	PRKCD	RSDSASSEPVGIYQGFKEK	S304	0.60511491	1.07095344	0.81202192
Q15139	PRKD1	TSSAELSTAPDEPLLQK	S219	0.14758822	1.16067621	0.53170891
Q9BZL6	PRKD2	LGTSESLPCTAEELSR	S214	0.06455799	0.58784312	0.46076126
P78527	PRKDC	LTLPEDNSMNVDDQDGPDSDR	S3205	0.27123359	1.11129905	0.60553604
O75569	PRKRA	AEAPPLEREDSGTFLGK	S18	0.42535041	1.32614619	0.7137923
O75569	PRKRA	EDSGTFLGK	S18	0.97139079	0.99723757	0.98687477
Q96LA8	PRMT6	LESGGGEGGEGTEEDGAER	T21	0.19046299	1.18661972	0.5651429
Q86WR7	PROSER2	SFTLDDESLK	S43	0.02085861	0.77321495	0.37949754
Q86WR7	PROSER2	APSPPVVEHPR	S179	0.44666757	1.1651865	0.72351031
Q86WR7	PROSER2	SRSFTLDDESLK	S43	0.61103871	0.93065693	0.81488669
O43395	PRPF3	GDDDEESDEEAVKK	S619	0.11902029	1.54485777	0.51002233
O43395	PRPF3	GDDDEESDEEAVK	S619	0.90444752	1.01194354	0.95963537
O75400	PRPF40A	QETVADFTPK	T373	0.28882619	0.87630662	0.62154849
Q13523	PRPF4B	DASPINRWSPTR	S431,S437	0.12714741	1.46485734	0.5125107
Q13523	PRPF4B	SINEENGEVSEDQSQNK	S23	0.45384766	1.11266294	0.72537341
Q13523	PRPF4B	EQPEMEDANSEK	S20	0.47698866	1.09186906	0.73801698
Q13523	PRPF4B	SINEENGEVSEDQSQNK	S32	0.54808949	1.05644162	0.77686147
Q13523	PRPF4B	SINEENGEVSEDQSQNK	S23,S32	0.9722278	0.99563742	0.98687477
Q96HE9	PRR11	SPTPTLPLSTSSFDEQN	S355	0.17083818	0.66075051	0.54531589
Q96HE9	PRR11	VDVERSPGGTPLTNK	S307	0.23615457	0.61003127	0.58536202
Q9ULL5	PRR12	TSSFLLR	S256	0.51154878	1.17968805	0.7574445
Q5THK1	PRR14L	DLLVSSGSNNSLPCGSPK	S1029	0.80069932	1.13038286	0.91398245
P48634	PRRC2A	QRGSETGSETHSDLAPSDK	S1106	0.12980905	1.23191682	0.5125107
P48634	PRRC2A	EGPEPPEEVPPPTTPVPK	T610	0.36693362	1.18054256	0.67368198
P48634	PRRC2A	QSSSEISLAVER	S456	0.41728805	0.90667585	0.70851118
P48634	PRRC2A	ERSDSGGSSSEPFDR	S761	0.51208508	0.93545611	0.7574445
P48634	PRRC2A	SEGSEYEIIPK	S1089	0.58857088	1.09983098	0.80250619



P48634	PRRC2A	KQSSSEISLAVER	S456	0.74841701	1.03360656	0.88634115
P48634	PRRC2A	KQSSSEISLAVER	S458	0.84204641	1.08662208	0.93124502
P48634	PRRC2A	SDSGGSSSEPFDR	S761	0.87884782	1.01376147	0.94568481
P48634	PRRC2A	DSQSASGEERPPEADGK	S363	0.974917	1.00481348	0.98795929
Q5JSZ5	PRRC2B	VASETHSEGSEYEELPK	S1136	0.02525665	1.24070147	0.4040435
Q5JSZ5	PRRC2B	EAGSPAQEFK	S613	0.12800032	0.85099735	0.5125107
Q5JSZ5	PRRC2B	VASETHSEGSEYEELPK	S1132,S1136	0.15503053	0.52375303	0.53741649
Q5JSZ5	PRRC2B	EVPWSPSAEK	S558	0.22344383	0.90603514	0.58267075
Q5JSZ5	PRRC2B	EGPGSEPDSDVGGSLGASLGEK	S1395	0.53582617	0.914427	0.77065324
Q5JSZ5	PRRC2B	CSPLPDFVPDEK	S853	0.91747053	1.01313232	0.96556856
Q9Y520	PRRC2C	QRGSETDDEIHEASADK	S1263	0.02702697	1.5903189	0.40703825
Q9Y520	PRRC2C	SESSDFEVVVK	S1249	0.04618157	1.8668051	0.44605308
Q9Y520	PRRC2C	LPDLSPVENK	S2105	0.73361155	1.04680095	0.87923537
Q9Y520	PRRC2C	SVEDVRPHHTDANNQSACFEAPDQK	T887	0.86366201	1.02570233	0.94127488
Q9Y520	PRRC2C	SVEDVRPHHTDANNQSACFEAPDQK	S878	0.88716184	0.97741408	0.94861919
Q9NV10	PSD3	SHSSPSLNPDTSPITAK	T1019,S1014	0.24091241	0.80463755	0.58886046
Q8NDX1	PSD4	SHSSPSLHQDEAPTTAK	S1019	0.99443551	1.00081507	0.99524397
P49768	PSEN1	AAVQELSSSILAGEDPEER	S367	0.00154818	0.53514701	0.24972095
O75475	PSIP1	TGVTSTSDSEEGDDQEGEK	S273	0.03159538	1.70883034	0.40879194
O75475	PSIP1	KPSSEERETEISLK	S514	0.22013082	1.30582842	0.58267075
O75475	PSIP1	QSNASSDVEVEEK	S106	0.25078056	1.19486866	0.59530396
P28066	PSMA5	ITSPLMEPSSIEK	S56	0.6303333	1.09925215	0.82390229
O00231	PSMD11	AQSLSTDR	S14	0.10892236	0.6453563	0.51002233
O95456	PSMG1	AGTEDEEEEEGR	T18	0.19933877	0.94152036	0.56975265
Q6PGN9	PSRC1	LSLGLSPEK	S70	0.19142057	0.62215752	0.5651429
Q9BVG9	PTDSS2	DAGGPRPESPVPAGR	S16	0.8770177	0.98284519	0.94565946
Q15185	PTGES3	DWEDDSDEEDMSNFDR	S113	0.58176326	0.85268709	0.80001994
Q9P035	PTPLAD1	WLDESDAEMELR	S114	0.04873328	0.55158184	0.44612288
Q9P035	PTPLAD1	LESEGPSETLTLNR	S135	0.0505014	0.7177312	0.44612288
P18031	PTPN1	GSPLNAAPIYGIEMSQDTEVR	S352	0.29673219	0.61382041	0.62494294
Q05209	PTPN12	DVDVSDSPPLPER	S673	0.02580067	1.20499343	0.4040435
Q05209	PTPN12	SFDGNTLLNR	S449	0.41024033	1.1044505	0.70283341
Q05209	PTPN12	VSVTPPEESQNSDTPRPRDR	T509,T519	0.41409876	1.12153691	0.70793999
Q05209	PTPN12	NLSFEIK	S435	0.9090264	1.00829445	0.96085522
Q12923	PTPN13	AISTGLASSTLNK	T909,S914	0.14131604	1.34519156	0.52770768
Q15678	PTPN14	ICTEQNSPPPIR	S314	0.21701843	1.16164502	0.58142167
P17706	PTPN2	EDLSPAFDHSPNK	S304	0.06918839	0.82301587	0.4637455
P26045	PTPN3	GSLAPQDSDSEVSQNR	S425	0.01653887	1.58733133	0.36631449
P26045	PTPN3	SLSVEHLETK	S359	0.36688373	0.94153253	0.67368198
Q92729	PTPRU	SGGVTEASSLLGGSPR	S853	0.27881087	1.439309	0.61249442
Q14671	PUM1	RDSLTSGLDLYK	S709	0.65201115	0.96398104	0.83766944
Q8TB72	PUM2	RESLTSGLDLYK	S587	0.02848386	0.53882434	0.40710444
Q8TB72	PUM2	GKASPFEEQNR	S136	0.19868134	1.32873304	0.56975265
Q8TB72	PUM2	QASPTVVVER	S182	0.24334023	1.17732884	0.58932994
Q96QR8	PURB	RGGSGGGEESEGEVDED	S304	0.26282131	1.19775821	0.60132025
Q13610	PWP1	LQEEGGGDEEETGSPSEDGMQSR	S50	0.11732317	1.26657941	0.51002233
Q96N64	PWWP2A	SPEAVGPELEAEK	S81	0.25192843	1.13738479	0.59589813
P49023	PXN	TSSVSNPQDSVSGPCSR	S106	0.05379473	0.50837004	0.44612288
P49023	PXN	SSPGGQDEGGFMAQGK	S302	0.97249687	0.99883109	0.98687477
Q9BRQ0	PYGO2	GGGTPDANSLAPPGK	T302	0.18653704	1.12211927	0.55994868
Q9Y3T6	R3HC1	FGSTLQLDLEK	T277	0.39732228	0.79951136	0.69247075
Q15032	R3HDM1	YSEPRPWSSTSDSSSLR	T363	0.82175753	1.05710564	0.92458845
Q15032	R3HDM1	AASTDLGAGETVVGK	S973	0.88289937	0.96249273	0.94748969
Q9Y2K5	R3HDM2	SASTDLGTADVVLGR	T856	0.99472367	1.00066573	0.99524397
Q6WKZ4	RAB11FIP1	LEVSPAQPTAR	S545	0.09831069	1.28071834	0.5018786
Q6WKZ4	RAB11FIP1	DSGSDTASAIIPSTTPSVSDDESIVK	S202	0.69622857	0.93657606	0.86021959
Q6IQ22	RAB12	AGGGGGLGAGSPALSGGQGR	S21	0.21122892	1.2387981	0.57694357
Q15042	RAB3GAP1	KTSASDVNTNIPGDAGK	T536	0.75948061	1.04456999	0.88966056
Q15042	RAB3GAP1	KTSASDVNTNIPGDAGK	S537	0.87271768	0.98554302	0.94378338
Q3YEC7	RABL6	NDSDLFGLGLEEAGPKESSEEGK	S640	0.21563532	0.42471894	0.58136831
Q3YEC7	RABL6	SFLEDTPPAR	S402	0.27563335	0.77684427	0.60861957
Q9H0H5	RACGAP1	SIGSAVDQGNESIVAK	S203	0.78448227	0.95050946	0.90620964
Q9NS91	RAD18	NDLQDTEISPR	S471	0.21756632	0.81977472	0.58142167
P54725	RAD23A	EDKSPSEESAPTTSPESVSGVSPSSGSSGR	S123	0.04612493	1.3577005	0.44605308
P54725	RAD23A	SPSEESAPTTSPESVSGVSPSSGSSGR	S125	0.58662489	0.9202415	0.8012074
P54725	RAD23A	SPSEESAPTTSPESVSGVSPSSGSSGR	S123	0.66505805	0.89753404	0.84417266
Q99638	RAD9A	SPQGPSPVLAEDSEGEK	S387	0.04126008	1.3489835	0.43680889
P04049	RAF1	AAHTEDINACTLITSPR	S642	0.74820109	0.94690266	0.88634115
Q15311	RALBP1	IAQEIASLSK	S463	0.01641273	1.46089767	0.36631449
Q15311	RALBP1	TGEPSPPHDILHEPPDVVSDDEK	S62	0.16619578	0.83404581	0.54308896
Q15311	RALBP1	TPSSEISPTK	S29	0.20065485	1.22125	0.56975265
Q6GYQ0	RALGAPA1	SSSTSILEPFTVER	T798	0.03580459	1.26847291	0.42091393
Q6GYQ0	RALGAPA1	TVDIDDAQILPR	T754	0.04461095	0.68122533	0.44293212
Q6GYQ0	RALGAPA1	RGSSPGSLEIPK	S860	0.10481189	1.15891701	0.50572948
Q9UKM9	RALY	TRDDGDEEGLLTHSEEELEHSQDTDADDGALQ	S288	0.29057509	0.31514265	0.62187612
Q9UKM9	RALY	DDGDEEGLLTHSEEELEHSQDTDADDGALQ	S288	0.46826092	0.73234807	0.73223932
Q9UKM9	RALY	GRLSPVPVPR	S135	0.67527373	1.41917874	0.84997288
Q6VN20	RANBP10	HEDLQDDESSMDDR	S489	0.78200983	0.93834986	0.90515203
P49792	RANBP2	NHETDGGSAHGDDDDGPHFEPVPLPK	S1160	0.18610056	0.41795743	0.55994868
P49792	RANBP2	EDALDSSVSSSVHASPSSVPRK	S2246,S2250	0.40634867	1.17842324	0.69976652
P49792	RANBP2	LNQSGTSGVGTDEESDVTQEER	T2293	0.73166932	1.00817757	0.87811206

P49792	RANBP2	EDALDDSVSSSVHASPLASSPVRK	S2250	0.75704919	1.07235054	0.88966056
P49792	RANBP2	YLSLSPK	S788	0.99251842	0.99899204	0.99498584
Q9H6Z4	RANBP3	SPSEAADEVCALEEK	S219	0.37004478	0.93045326	0.67368198
Q9H6Z4	RANBP3	SAGGSSPEGGEDSDREDGNYCPPVK	S108	0.66847736	0.88756515	0.84602117
P47736	RAP1GAP	RSSAIGIENIQEVQEK	S499	0.34701769	0.76807517	0.66293814
P47736	RAP1GAP	SQSMAMDGLSNK	S441	0.6798197	0.93538121	0.85135805
Q9UJF2	RASAL2	SPSQDNTDSYFR	S665	0.12707701	0.73553303	0.5125107
Q9UJF2	RASAL2	QQTQQVQSPVDSATMSPVER	S954	0.95557518	1.01335977	0.98174698
P06400	RB1	TLQTDSDSIFETQRTPR	T353	0.02053219	0.77530078	0.37949754
P06400	RB1	FPSSPLR	S795	0.52826196	0.89041386	0.76614217
P06400	RB1	FPSSPLR	S794	0.5526695	1.12709696	0.78129351
P06400	RB1	TAVIPINGSR	S249	0.84318256	1.03451408	0.93154348
P06400	RB1	ISEGLPTPTKMTPR	T821,T826	0.94374506	1.02569849	0.9773745
P06400	RB1	SNLDEEVNIPPHTPVR	T373	0.96318496	0.98847805	0.98250904
Q8TDY2	RB1CC1	STELVLSPDMR	S237	0.00434888	1.40305229	0.29204389
Q8TDY2	RB1CC1	LDSLPEHEDSEK	S222	0.86399023	1.01473477	0.94131458
Q09028	RBBP4	TPSSDVLVFDYTK	S146	0.1852356	0.85116353	0.55994868
Q7Z6E9	RBBP6	DDFESEEDVK	S1328	0.11327188	1.16448326	0.51002233
Q7Z6E9	RBBP6	DDATPVRDEPMDAESITFK	T984	0.42740329	0.85909823	0.7137923
Q7Z6E9	RBBP6	LEVTEIVKPSPK	S1179	0.99201252	1.00207223	0.99498584
P28749	RBL1	DMQPLSPISVHER	S640	0.04699612	0.74474821	0.44612288
P98175	RBM10	LASDDRPPSPR	S723	0.34322051	1.13229182	0.66290366
P98175	RBM10	AHLSENELEALEK	S797	0.34457008	0.78345171	0.66293814
Q8IXT5	RBM12B	SPQEEDFRCPDSEDFR	S839	0.05263812	1.42592593	0.44612288
Q8IXT5	RBM12B	FPPEDFRHSPEDFR	S575	0.28381157	0.84498064	0.61816331
Q96PK6	RBM14	QTPPPFFGR	T206	0.20954055	1.21249318	0.57442583
Q96T37	RBM15	RDGWSLDR	S622	0.03174502	1.40581348	0.40879194
Q96T37	RBM15	DRTPLLRY	T568	0.19159224	1.07395668	0.5651429
Q96T37	RBM15	SLSPPGGAALGYR	S294	0.19719021	1.11987068	0.56848581
Q96T37	RBM15	HLDRSPESDRPR	S656	0.22273313	2.87320854	0.58267075
Q96T37	RBM15	HCAPSPDRSPELSSSR	S670,S674	0.73015675	1.03355033	0.87667044
Q8NDT2	RBM15B	DRTPPHLLYSR	T532	0.18310508	0.84203767	0.55778752
Q8NDT2	RBM15B	ASGDPGASGMSR	S109	0.20906588	1.22395833	0.57425546
Q8NDT2	RBM15B	TFLEGDWTSPSK	S552	0.21789343	0.88402527	0.58142167
Q8NDT2	RBM15B	RNSLEGYSR	S562	0.60537791	1.08915502	0.81203707
Q9Y4C8	RBM19	DPAEPETVPDGETPEDENPTEEGADNSSAK	S710	0.10885354	1.24217687	0.51002233
Q9NW64	RBM22	ATSTSDMLLK	T143	0.70172685	1.08395889	0.86274503
Q86U06	RBM23	SPVREPVDNLSPEER	S149	0.52093175	0.94293478	0.76229747
P49756	RBM25	FEDESDDVPRK	S703	0.08792878	1.25863771	0.4960359
P49756	RBM25	LGASNSPGQPNSVK	S677	0.10562907	1.27293166	0.50572948
P49756	RBM25	LGASNSPGQPNSVK	S683	0.33939439	1.35632985	0.65917296
P49756	RBM25	QEPESEEEEEK	S583	0.87006953	0.96222423	0.94316005
Q5T8P6	RBM26	EGSTQQLQTTSPK	S616	0.92553942	1.01496998	0.96756561
Q9P2N5	RBM27	AMSGLEGPLTK	S566	0.21607582	0.5589454	0.58136831
Q96EV2	RBM33	DIKEESEDEEEDDEESGR	S205	0.1700207	1.32846863	0.54531589
Q96EV2	RBM33	EESDEEEDDEESGR	S205	0.93746523	0.97328651	0.97414011
P42696	RBM34	SVQEGENPDDGVR	S14	0.84700783	1.02029104	0.93257586
Q14498	RBM39	YRSPYSGPK	S97	0.09728352	1.21842216	0.5018786
Q14498	RBM39	YRSPYSGPK	Y95	0.3407373	1.13467157	0.65997492
Q14498	RBM39	IGLPHSIK	S117	0.64168698	1.12701101	0.83055345
Q14498	RBM39	SPVREPIDNLTPEER	S136	0.84637208	0.98136646	0.93243816
P78332	RBM6	EGETQGVAFEHESPADFNQNSQSPVQDQDK	S362	0.22543095	1.16848927	0.58267075
Q9Y580	RBM7	SFSSPENFOR	S136	0.48889577	0.8726975	0.74430285
Q9Y580	RBM7	MNSYPYLADR	S204	0.99493546	1.00143626	0.99524397
Q9Y559	RBM8A	GFGSEEGSR	S42	0.54338415	1.13992922	0.77269004
Q9Y559	RBM8A	MREDYDSVEQDGDGEPGQR	S56	0.90706918	1.01019332	0.96047477
P38159	RBMX	VEQATKPSFESGR	S88	0.35609461	0.90985264	0.66749635
P38159	RBMX	DVYLSR	S208	0.55579252	1.06013442	0.78182069
Q9Y388	RBMX2	EVQAEQPSSSSPR	S188	0.43684904	1.08050979	0.71982749
Q9HBD1	RC3H2	KQSLGEDHVILEEQK	S1119	0.15551055	0.74750425	0.53741649
Q9UKL0	RCOR1	ERESEDELEANGNNPIDIEVDQNK	S257	0.23133043	0.35227072	0.58402227
Q9UKL0	RCOR1	ESESELEANGNNPIDIEVDQNK	S257	0.3271098	0.27549093	0.64779386
O94761	RECQL4	RPSQDDVEAAPEETR	S27	0.09805117	0.68429912	0.5018786
O94761	RECQL4	GRRPSQDDVEAAPEETR	S27	0.80383018	1.02661827	0.914371
O94762	RECQL5	GEVPGGSAHYGGPSPEK	S727	0.00939445	0.88601294	0.33303827
O94762	RECQL5	YTGEEDEGAGGHSAPPQTEECLR	S815	0.02656002	1.35153846	0.40703825
Q9H6H4	REEP4	SFSMQDLR	S152	0.75164407	1.04814109	0.88774061
Q96D71	REPS1	RQSSSYDDPWK	S272	0.05463533	1.16101695	0.4484824
Q9P2R6	RERE	TSPINEDIR	S600	0.04658852	0.85787848	0.44612288
O60673	REV3L	TLSFR	S1075	0.41794799	0.89030362	0.70874058
P35251	RFC1	ELSQNTDESGLNDEAIAK	S190	0.56305995	0.82011036	0.78599368
P48382	RFK5	GSESPMGPEVTPAPR	S185	0.35400463	0.95608157	0.66702539
O43566	RG514	SLGSTESESRPGK	S288	0.11872287	1.36791547	0.51002233
P49796	RG53	THSEGSLLQEPR	S943	0.17389611	0.82774049	0.54778823
P49796	RG53	DLPAIQESPTR	S806	0.38530543	1.09021601	0.68072033
P49796	RG53	THSEGSLLQEPR	T941	0.60159649	1.10329355	0.8111934
Q6PJF5	RHBD2	SVSLQEPR	S90	0.32867139	0.79122012	0.64890487
Q6PJF5	RHBD2	DLELPSQEAQSPFGTESPKPKK	T175	0.62283308	0.9394572	0.82174981
Q6R327	RICTOR	NDSGEENVPLDLTR	S21	0.15632517	0.86596859	0.53741649
Q6R327	RICTOR	HNSESEVPSMFILEDDR	S1035	0.22792213	0.62034958	0.58267075
Q6R327	RICTOR	GRNDSGEENVPLDLTR	S21	0.37451388	1.06789474	0.67596613

Q6R327	RICTOR	STELLGVK	T1592	0.48385278	1.12657931	0.74167539
Q6R327	RICTOR	ALSYASLDK	S1388	0.99486161	0.99888068	0.99524397
Q5UIP0	RIF1	RASQGLLSIENSEDSSEAK	S1542	0.04145079	0.64012627	0.43680889
Q5UIP0	RIF1	SPQRPSDWSK	S782	0.1255768	0.82630873	0.5125107
Q5UIP0	RIF1	ASQGLLSIENSEDSSEAK	S1554	0.35511644	0.90607558	0.66702539
Q5UIP0	RIF1	SNESVDIQDQEEK	S1579	0.46876065	0.88639799	0.73231082
Q5UIP0	RIF1	RDSFDNCSLGEESK	S1688	0.56845637	0.94007914	0.79044838
Q5UIP0	RIF1	RSQEDEISSPVNK	S2195	0.64003673	0.8567235	0.83055345
Q5UIP0	RIF1	ELDPSLVSANDSPSGMQTR	S2161	0.72113006	0.92646867	0.87405855
Q5UIP0	RIF1	STDFVFIPEGK	T1047	0.93760231	1.02597403	0.97414011
Q13671	RIN1	GSPATSPHLGR	T336	0.08181834	1.24377321	0.49060587
Q13671	RIN1	GSPATSPHLGR	S337	0.49746465	1.07266757	0.74981346
Q06587	RING1	GGGAGGSSVGTGGGGTGGVGGGAGSEDSGDR	S229	0.45084088	1.08330025	0.72422173
Q9BRS2	RIOK1	VVPGQFDDADSSDSENR	S22	0.65576345	0.95425408	0.8394813
Q13129	RLF	SPSAIPEQNHSLNDQAK	S632	0.72791767	0.91781464	0.87523758
Q967C7	RMDN3	SQSLPNSLDYQTSDPGR	S44	0.82357394	0.93614766	0.92458845
O60930	RNASEH1	SASPEVSEGHENQHGGQSEAK	S76	0.46219997	1.15707011	0.72895075
Q8WU17	RNF139	EAAAESDRELNEDDSTDCDDVQQR	S625	0.00320012	8.9736305	0.29204389
Q8NCN4	RNF169	GSVDQYLLR	S693	0.88606284	1.02303711	0.94851488
Q5VTR2	RNF20	SGSALLQSQSTEDPK	T526	0.22811143	0.71421795	0.58267075
Q5VTR2	RNF20	ALVVPEPEPDSNSQERK	S138	0.3819446	0.67359213	0.67941113
Q5VTR2	RNF20	ALVVPEPEPDSNSQER	S138	0.82799459	0.95822078	0.92537257
Q63HN8	RNF213	DFATPSLHTSDQSPGK	S2273	0.92659651	0.98370911	0.96756561
Q63HN8	RNF213	EDQEAALLSEPEEESER	S1258	0.97719052	0.99538807	0.98883833
Q5W0B1	RNF219	IQSSLSASPSK	S719	0.05751826	0.78183765	0.45298462
Q96EP0	RNF31	RLSAPLPSSCGDPEK	S466	0.12394542	1.22610015	0.5125107
Q9BWH6	RPAP1	ARPSGHCLEPEDEPEER	S80	0.1381255	0.78798001	0.52409548
P30050	RPL12	IGPLGLSPK	S38	0.05288681	0.55671638	0.44612288
P62750	RPL23A	IRTSPTFR	T42	0.06982745	1.39696248	0.4637455
P46776	RPL27A	NQSFCTVNLDK	S68	0.00483666	0.48851348	0.29204389
P46776	RPL27A	MPSRLR	S3	0.15531047	1.59813324	0.53741649
P78346	RPP30	KPRPSEGEDECLPASK	S251	0.70377644	1.02850356	0.86457837
Q5VT52	RPRD2	SGTPTQDEMMDKPTSSVDTMSLLSK	T732	0.2412463	0.68558159	0.58886046
Q5VT52	RPRD2	GPTSTSIDNIDGTPVRDER	T723	0.34437286	1.14531044	0.66293814
Q5VT52	RPRD2	DVEDMELSDVEDDGSK	S374	0.36866129	0.86252588	0.67368198
Q5VT52	RPRD2	MSGEQIQTVESIR	S1099	0.76524373	1.10076021	0.89347676
Q5VT52	RPRD2	RMSGEQIQTVESIR	S1099	0.88808182	1.04123235	0.94927317
Q9NQC9	RPS10P5	AEAGAGSATEFQFR	S157	0.30920791	0.94003869	0.63653708
P62263	RPS14	IEDVTPIPSDSTR	T140	0.09740689	0.742436	0.5018786
P42677	RPS27	DLLHPSPEEEK	S11	0.07889563	0.89377714	0.48479487
P42677	RPS27	LTEGCSFR	S78	0.08648726	0.70389954	0.49557355
P23396	RPS3	DEILPTTPISEQK	T221	0.14641723	1.18550034	0.53170891
P61247	RPS3A	LMELHGEGSSSGK	S237	0.25851876	0.91912554	0.5989986
P61247	RPS3A	ADGYEPPVQESV	S263	0.84868635	0.97820823	0.93283208
P62753	RPS6	LSSLRASTSK	T241,S236	0.00062838	0.21582924	0.21503578
P51812	RPS6KA3	NQSPVLEPVGR	S715	0.09626321	0.82573179	0.5018786
O75676	RPS6KA4	LEPVYSPGSPPPGDPR	S347	0.19967471	1.1723318	0.56975265
O75676	RPS6KA4	LEPVYSPGSPPPGDPR	S343,S347	0.4561912	0.78939034	0.72561974
P62070	RRAS2	FQEQECPPSPEPTRK	S186	0.16914984	1.20289593	0.54531589
P62070	RRAS2	FQEQECPPSPEPTR	S186	0.33559294	0.84251265	0.65720257
P62070	RRAS2	KFQEQECPPSPEPTR	T190	0.36569716	0.89375231	0.67336704
P62070	RRAS2	KFQEQECPPSPEPTR	S186	0.97235814	0.9962963	0.98687477
Q9P2E9	RRBP1	SHVEDGDIAGAPASSPEAPPAEQDPVQLK	S1277	0.00021215	1.4518852	0.10490076
Q9P2E9	RRBP1	NTDVAQSPEAPK	S615	0.08072915	1.4623323	0.48773691
Q92766	RREB1	QVAGDAPVEQATAETASPVHR	S1320	0.25265439	1.19105731	0.59589813
Q5JTH9	RRP12	GDSIEILADSEDEEDNEEEER	S1080	0.23827399	0.27566341	0.58659078
Q9Y3B9	RRP15	ESDGPDDSRPESASDSDT	T282	0.00022762	1.11490742	0.10490076
Q9Y3B9	RRP15	DHFYSDDDAIEADSEGDAPPCDK	S58	0.35199918	0.83478969	0.66702539
Q14684	RRP1B	SILVSPTGPSR	S706	0.15232926	0.73581829	0.53741649
Q14684	RRP1B	VAEPGAEATSSTGEESEGSEHPAVPMHMK	S458	0.1554799	1.22441453	0.53741649
Q14684	RRP1B	TPTSSPASSPLVAK	S732	0.37107992	0.83371617	0.67442469
Q14684	RRP1B	VFCVEEEDSESSLQK	S392	0.52416382	1.061	0.76409963
Q14684	RRP1B	VGDGDLSAEEIPENEVSLR	S245	0.7361144	0.9615815	0.87923537
Q14684	RRP1B	VAEPGAEATSSTGEESEGSEHPAVPMHMK	S453,S458	0.87735858	1.03233256	0.94565946
Q96723	RSF1	NSSQDQNSRESPLEDEETK	S227	0.06399443	1.22873346	0.46076126
Q96723	RSF1	IETDEEECDNAHGDNQPAR	T1305	0.14394176	1.17287867	0.52860081
Q96723	RSF1	IESDEEEDFENVGK	S1345	0.27346182	1.08045052	0.60684527
Q96723	RSF1	DAQRLSPIPEEVPK	S604	0.55661806	1.08722741	0.78207747
Q96723	RSF1	STLESEKPGSPEAAETSPPSNIIDHCEK	T628,S622	0.6290281	0.91577335	0.82322298
Q96723	RSF1	STLESEKPGSPEAAETSPPSNIIDHCEK	S622	0.88423483	1.01802786	0.94768823
O76021	RSL1D1	ATNESEDEIPQLVPIGK	T358	0.48464096	1.05941846	0.74167539
Q7L4I2	RSRC2	EQSEVSVSPR	S32	0.25707394	1.20952789	0.59892773
O95197	RTN3	DSPEPFVEIIDK	S246	0.08116474	0.72714977	0.48850271
O95197	RTN3	VEGIYITSLSPSK	S229	0.50106104	0.8347185	0.75168596
Q9NQC3	RTN4	EDEVSSSEKAK	S361	0.98961873	0.99832285	0.99486133
Q01196	RUNX1	RFTPPSTALSPGK	T14,S21	0.79788129	0.97921274	0.91349783
Q99584	S100A13	KDLSVNEFK	S32	0.39492486	1.17301738	0.69203019
A6NKF1	SAC3D1	TLEEVMAEEDEGTDRPGSPA	S402	0.18408941	0.26866051	0.55849825
Q15424	SAFB	RSVVVFDK	S604	0.29986769	1.22300073	0.62653702
Q15424	SAFB	SVVSVFDK	S604	0.61072467	0.95994065	0.81488009
Q14151	SAFB2	EESSELEQPFQAQDTSVGPDRK	S234	0.11130387	1.41870629	0.51002233

Q14151	SAFB2	EESSELEQPFAQDTSSVGPDR	S234	0.18027996	0.86107865	0.55295852
Q14151	SAFB2	EESSELEQPFAQDTSSVGPDRK	T244	0.2516779	1.2079847	0.59589813
Q14151	SAFB2	EESSELEQPFAQDTSSVGPDR	S246	0.37233089	0.89229806	0.67479745
Q14151	SAFB2	MEEEGTENDNGLEDDSR	S109	0.59196651	0.88455989	0.80543398
Q14151	SAFB2	EESSELEQPFAQDTSSVGPDR	S233	0.60391304	0.89752623	0.81202192
Q9UHR5	SAP30BP	GGLVSDAYGEDDFSR	S43	0.26919359	1.11863034	0.60403212
Q86UD0	SAPCD2	SPEQLCAPAEAAPCPAEPER	S157	0.03231135	0.43941518	0.40879194
Q9H7N4	SCAF1	TPEVFLPEATEEAGVR	T1001	0.23945072	0.36912114	0.58659409
Q9H7N4	SCAF1	AAPPPPALTPDSQTVDSCK	T989	0.36103073	0.89030884	0.6705258
Q9H7N4	SCAF1	QRSPSPAPAPAAAAAGPPTR	S498,S500	0.53742217	0.89971347	0.77155648
Q9H7N4	SCAF1	EAASSSGTQPAPPASPWDSKK	S552	0.64086366	1.23205475	0.83055345
Q9H7N4	SCAF1	GAEETSWSGEER	S965	0.83395874	0.96378378	0.9277072
Q99590	SCAF11	FHSPSTTWSPNK	S796,S802	0.05255721	0.89052666	0.44612288
Q99590	SCAF11	VETVQSPSEPKDTIDK	S774	0.12067535	1.84713218	0.51002233
Q99590	SCAF11	VETVQSPSEPKDTIDK	S771,S776	0.14337594	1.86005259	0.5281867
Q99590	SCAF11	AETASQSQRSPISDNSGCDAPGNSNPSLSPSSAESEK	S335	0.14560265	3.10392532	0.53170891
Q99590	SCAF11	SSNSVSDVEETAESDTPVLEK	S405	0.34697601	0.74063047	0.66293814
Q99590	SCAF11	LESSEGEIQTVDLR	S614	0.49530959	0.91086827	0.74968842
Q99590	SCAF11	SPISDNSGCDAPGNSNPSLSPSSAESEK	S338	0.50613267	1.09062838	0.75314323
Q9UPN6	SCAF8	ETVQTTQSPTPVEK	S617	0.088607	1.17586721	0.4960359
Q12770	SCAP	RDSGVGSGLEAQESWER	S826	0.27232021	0.61808262	0.60684527
O95171	SCEL	YSSDDTLDR	S91	0.12503874	1.39497423	0.5125107
O95171	SCEL	GQSLDNLK	S389	0.16246409	1.2722263	0.54196083
O95171	SCEL	SSEQGLDEHINVSPK	S475	0.58446776	0.85252053	0.80108627
O95171	SCEL	GIQSLGSPK	S312	0.68445614	1.04689524	0.85273769
O95171	SCEL	RSELDLNATEVNP	S347	0.75387534	0.96749358	0.88807985
Q8WVM8	SCFD1	VNLEESSGVENSPAGARPK	S303	0.01635369	1.18721351	0.36631449
Q9P0W5	SCHIP1	TETSLDTPLSPMSK	S330	0.22474416	0.79457993	0.58267075
Q9BWG6	SCNM1	EPEPAAGQAEESATVSAPAPMSPTR	S183	0.39696964	1.10965891	0.69247075
Q14160	SCRIB	NSLESISSIDR	S1223	0.01340099	1.26709031	0.36591793
Q14160	SCRIB	RVSLVGADDLR	S1378	0.08731905	0.70398097	0.4960359
Q14160	SCRIB	SLEQDALR	S1508	0.18049405	0.78154051	0.55295852
Q14160	SCRIB	MVEPENAVITPLRPEDDYSPR	S835	0.22688439	0.70736842	0.58267075
Q14160	SCRIB	VQSPPEPPAPER	S1475	0.22725579	0.88744257	0.58267075
Q14160	SCRIB	LSPDFAEELR	S1566	0.2785862	0.83926562	0.61249442
Q14160	SCRIB	ALSPAELR	S1486	0.29319622	0.83636364	0.62260296
Q14160	SCRIB	QSPASPPPLGGGAPVR	S1448	0.37986595	1.1590362	0.67779179
Q14160	SCRIB	SEACPCQPDGSGPLPAEEK	S504	0.49786126	0.92362598	0.74981346
Q14160	SCRIB	RSEACPCQPDGSGPLPAEEK	S504	0.59065132	0.95305544	0.80466265
Q14160	SCRIB	MAEPCSPGSGQPPSPSPDEL PANVK	S1298,S1309	0.91201174	1.0192995	0.96337585
Q14160	SCRIB	LRVQSPPEPPAPER	S1475	0.91961466	1.03549489	0.96626315
Q96FV2	SCRN2	DEVQEVFVPAGTHTPGSR	S55	0.54083928	0.94191152	0.7718622
Q9NVU7	SDAD1	YIEIDSDEEPR	S585	0.16921722	0.76334465	0.54531589
P18827	SDC1	KDEGSYSLEEK	S285	0.02329685	1.45645479	0.39017457
P18827	SDC1	DEGSYSLEEK	S287	0.12085736	1.21954336	0.51002233
Q96C92	SDCCAG3	VSPASPAGSPADFAVHGESLGR	S243,S247	0.34219576	0.83179211	0.66182465
Q6IQ49	SDE2	VVNTDHGSPQLQIPVTDSDGR	S278	0.2692378	1.25483391	0.60403212
Q92503	SEC14L1	EGLSGDALSSPAPEPVVGTDPDK	S226	0.62449118	0.9011289	0.82174981
O15027	SEC16A	ADSGPTQPPSLSPAPETK	S1905	0.02189656	1.31393801	0.37964331
O15027	SEC16A	QIDSSPVGGGETDETTVSQNYR	S391	0.03398167	1.24598001	0.41682455
O15027	SEC16A	FTGSFDDDPDHRDPYGEVDR	S1149	0.13734367	0.77117973	0.52372422
O15027	SEC16A	QIDSSPVGGGETDETTVSQNYR	T397	0.60142172	1.05413105	0.8111934
O15027	SEC16A	FTGSFDDDPDHR	S1149	0.72218323	0.94000317	0.87410666
O75396	SEC22B	NLGSINTELQDVQR	S137	0.13484342	1.63038278	0.52075162
O94979	SEC31A	DSDQVAQSDGEESPAEEQLLGEHIK	S532	0.02874897	1.47150594	0.40710444
O94979	SEC31A	DSDQVAQSDGEESPAEEQLLGEHIK	S527	0.57722437	0.86315448	0.7967435
P60468	SEC61B	PGPTPSGTNVGSSGRSPSK	S14,S17	0.02324111	5.31472963	0.39017457
P60468	SEC61B	PGPTPSGTNVGSSGRSPSK	S17	0.20832284	1.60683761	0.57419211
P60468	SEC61B	PGPTPSGTNVGSSGRSPSK	S13	0.33985987	1.39077481	0.65967987
Q99442	SEC62	SQHSSGNGNDFEMITK	S353	0.00902545	1.47578632	0.33303827
Q99442	SEC62	SQHSSGNGNDFEMITK	S356	0.03573961	1.44554455	0.42091393
Q99442	SEC62	EELEQQTGDGCEEEEEENDGETPK	T375	0.69412582	0.88072122	0.85860808
Q9NPR2	SEMA4B	LGSEIR	S825	0.0173438	0.42056683	0.36734858
Q15019	SEPT2	IYHLPDAESDEDEDFK	S218	0.29760861	0.8336437	0.62494294
Q16181	SEPT7	SPLAQMEER	S334	0.03640291	0.84100418	0.42504778
Q9UHD8	SEPT9	RSFEVEVETPNSTPPR	S30	0.1110703	0.78380144	0.51002233
Q9UHD8	SEPT9	SFEVEVETPNSTPPR	S30	0.16824536	2.04394196	0.54531589
Q9UHD8	SEPT9	LGDSGSPALK	S22	0.32187905	0.63680084	0.64145984
Q9UHD8	SEPT9	SFEVEVETPNSTPPR	S30	0.56173458	1.0715272	0.78554018
Q8NC51	SERBP1	SKSEEAHAEDSVMDHHR	S338	0.30236176	0.31790621	0.63052298
Q8NC51	SERBP1	SKSEEAHAEDSVMDHHR	S328	0.30367147	0.34172162	0.63144863
Q8NC51	SERBP1	SKSEEAHAEDSVMDHHR	S330	0.3465133	0.3362731	0.66293814
Q8NC51	SERBP1	SSASAPDVDDPEAFPALA	S391	0.39022406	0.81807867	0.68677732
Q8NC51	SERBP1	TDKSSASAPDVDDPEAFPALA	S392	0.44163489	1.38844114	0.72100919
Q9NRX5	SERINC1	SDGSLDGDVHR	S364	0.01150293	1.72544313	0.3634964
Q9NRX5	SERINC1	SDGSLDGDVHR	S361	0.01622627	1.67530614	0.36631449
Q01105	SET	LNEQASEILK	S63	0.61326936	1.11055046	0.81560563
O15047	SETD1A	RPRPSTPAEEDEDDPEQEK	T916	0.05928926	1.77987252	0.45298462
O15047	SETD1A	SGSPAPETTNEVPFAQHSSLSDR	S468	0.30574978	1.20081411	0.63390026
Q9UP56	SETD1B	LRPSTSVDEEDESER	T985	0.48252066	1.1539439	0.74124365
Q9BYW2	SETD2	NSTLPMEEETPCSSR	S1084	0.23360213	1.08261336	0.58486307

Q9BYW2	SETD2	SESPFRETEPLVSPHQDK	S744,S754	0.2476802	0.84066704	0.5927592
Q9C0A6	SETD5	VTVSSDHEEVDNPEEKPEEEK	S476	0.04458929	1.1943958	0.44293212
Q7Z333	SETX	DMHCLSEASPTFSK	S642	0.31351992	0.80752807	0.63653708
Q15637	SF1	SPSPEPIYNSEK	S80,S82	0.84582608	0.895615	0.93222923
Q15459	SF3A1	AEEPPSQLDQDQVQDMDEGSDDEEEGQK	S359	0.67913983	1.1006539	0.85083693
Q75533	SF3B1	LSWWDQAEPTPGHTPSLR	T223,S229	0.00653756	0.54983526	0.31708848
Q75533	SF3B1	TMIISPER	S129	0.25754715	0.87081784	0.59892773
Q75533	SF3B1	LLVDVDESTLSPEEQK	S488	0.45123548	0.69195323	0.72422173
Q75533	SF3B1	WDQQTADQTPGATPK	T211	0.50684252	0.90878441	0.75314323
Q75533	SF3B1	WDETPASQMGGSTPVLTGPK	T354,S349	0.79578891	1.08519322	0.91294986
P31947	SFN	DNLTLWTADNAGEEGEAPQEPOS	S248	0.31139563	0.76250225	0.63653708
Q12872	SFSWAP	SGVSSDNEDDDDEEDGNLHPSLFASK	S282	0.33777198	0.45399406	0.65781985
Q86YV5	SGK223	SASFAPFPK	S694	0.18015707	0.61886731	0.55295852
Q86YV5	SGK223	CSPSGDSEGGYCSILDCCPGSPVAK	S263	0.53782965	0.86421497	0.77155648
Q86YV5	SGK223	GPVSONSEVGEETSAGQGLSSR	S505	0.5409405	0.77893541	0.7718622
Q86YV5	SGK223	VSQGSAESLSPFR	S743	0.80245503	1.03089676	0.91398245
Q562F6	SGOL2	KTSIDPSPESHEVMER	S1085	0.31891005	0.69431312	0.63900857
Q9BX95	SGPP1	NSLTGEEGQLAR	S112	0.22723344	0.94308823	0.58267075
Q9BX95	SGPP1	RNSLTGEEGQLAR	S112	0.70978636	1.03569218	0.86766609
Q43765	SGTA	SPARTPPSEEDSAEAER	T81,S77	0.67465505	0.90247802	0.84997288
Q9BRG2	SH2D3A	SFSEDTLMDGPAR	S125	0.14301062	1.13528991	0.5281867
Q9BRG2	SH2D3A	TSSDPVLLK	S180	0.2636493	1.20434639	0.60212177
Q9H788	SH2D4A	TLSSAQEDIIR	S315	0.69355575	1.04328742	0.85860808
Q7L8J4	SH3BP5L	ETPQGLRPEVVEDEVPRSPVAEEPGGGSSSSEAK	S30	0.30378434	0.60181684	0.63144863
Q99961	SH3G1L	IAASSFR	S288	0.51846945	1.48326031	0.76061048
Q96B97	SH3KBP1	SIEVENDFLPVEK	S230	0.03104368	0.7551876	0.40879194
Q96B97	SH3KBP1	ANSPSLFTGEGKPK	S587	0.11974345	1.63707354	0.51002233
Q15464	SHB	HGSPFCGILGER	S388	0.06288845	0.78317508	0.45900028
P29353	SHC1	ELFDDPSYVNVQNLDK	Y427	0.01375855	0.61153365	0.36591793
Q8NEM2	SHCBP1	GLFQDESDSCDCSYR	S42	0.18797439	0.73953696	0.56058734
Q2M3G4	SHROOM1	WCFSEPGK	S224	0.15529938	0.80266648	0.53741649
Q8TF72	SHROOM3	TVTSTSTSGNDFEETK	S816	0.05041736	0.65455116	0.44612288
Q8TF72	SHROOM3	EDSLPEESSAPDFANLK	S1441	0.17275011	1.19316843	0.54743796
Q8TF72	SHROOM3	DRPGSPESPLLDAPFSR	S910	0.23688858	1.27360551	0.58536202
Q8TF72	SHROOM3	SMSAEDLLER	S1219	0.48004634	0.83307942	0.74052465
Q8TF72	SHROOM3	ERPSSWSSLDQK	S402	0.53494521	1.11234206	0.76972936
Q9Y2K2	SIK3	QLSADSAEAHSLNVNR	S808	0.12965913	0.66184826	0.5125107
Q965T3	SIN3A	YMNSDTSPELR	T1111	0.21554604	1.29840849	0.58136831
Q96FS4	SIPA1	TEFLHSQNSLSR	S839	0.74795788	0.97316822	0.88634115
Q43166	SIPA1L1	SETGDSSIFR	S288	0.12218001	0.83164345	0.5105605
Q43166	SIPA1L1	SKSETGDSSIFR	S288	0.24544621	1.28253381	0.58971922
Q43166	SIPA1L1	TLSDSEIYNSQR	S1585	0.63565227	1.02437418	0.82786202
Q43166	SIPA1L1	LIDLESPTPESQK	S1549	0.84081088	0.97478613	0.93058509
Q60292	SIPA1L3	TTPTMSEEPPLDLTGK	T1703	0.08801587	0.81660166	0.4960359
Q60292	SIPA1L3	TTPTMSEEPPLDLTGK	T1702	0.28216251	1.28552071	0.61676369
Q60292	SIPA1L3	AHSLGGLDPAFTSTEDLNCK	S401	0.44085584	1.18437892	0.72100919
Q60292	SIPA1L3	SSSEITLSECAEDAGEPR	S171	0.61364619	0.87616297	0.8156665
Q60292	SIPA1L3	EVSPAPAVAGQSK	S1364	0.93966089	1.01335822	0.97418985
Q96EB6	SIRT1	SPGEPGGAAPER	S47	0.18005635	1.19702304	0.55295852
Q8IX90	SKA3	SPQLSDFGLER	S155	0.11281578	0.78009259	0.51002233
Q8IX90	SKA3	NSVHEQAINSDPELNCENCFQK	S119	0.30736008	0.57410588	0.63518947
Q15477	SKIV2L	ASSLEDLVK	S256	0.00491353	1.1762142	0.29204389
Q15477	SKIV2L	GDTVASAPCSAPLAR	S245	0.26171638	1.13256482	0.60088416
Q14493	SLBP	CDGDASPPSPAR	S20,S23	0.90883487	0.97452748	0.96085522
P55011	SLC12A2	EPFEDGFANGEESTPTR	T266	0.9051386	1.01648332	0.95963537
Q9UP95	SLC12A4	LESLSDEEDESAAGADK	S967	0.62857476	0.89638379	0.82322298
Q15427	SLC16A3	NGEVVHTPETS	S464	0.06924251	0.82005672	0.4637455
Q15758	SLC1A5	STEPELIQVK	T494	0.43806785	1.11436673	0.71992276
Q8WUM9	SLC20A1	CSPSESPLMEK	S265	0.01362796	3.01697543	0.36591793
Q08357	SLC20A2	EGALSRVDESLSK	S256	0.01897173	2.15828794	0.37230658
Q08357	SLC20A2	EGALSRVDESLSK	S256,S259	0.57792306	0.92894462	0.7967435
Q08357	SLC20A2	ALSMTHGSVK	S316	0.62139543	0.91802385	0.82055737
Q14542	SLC29A2	AELLQSDENGIPSSPQK	S252	0.02048861	0.1480709	0.37949754
P11166	SLC2A1	TPEELFHPLGADSQV	S490	0.05261374	0.47464866	0.44612288
Q9ULF5	SLC39A10	LNETELTDLEGQCESPPK	S591	0.65768032	1.0723192	0.84030158
Q13433	SLC39A6	YESQLSTNEEK	S478	0.43817844	0.86438525	0.71992276
Q96NT5	SLC46A1	ADPHLEFQFPQSP	S458	0.80125775	0.98015245	0.91398245
Q9BWU0	SLC4A1AP	ETQTHENMSQLSEEEQNK	S712	0.27268779	1.14180207	0.60684527
Q9BWU0	SLC4A1AP	SLQEEQSRPPTAVSSPGGPAR	S144	0.68488635	1.16965612	0.85273769
Q9BWU0	SLC4A1AP	MLGEDSDEEEEMDTSER	S312	0.82859482	1.03261803	0.92537257
P04920	SLC4A2	RRPGASPTGETPTIEEGEEDDEASEAEGAR	T120	0.0169041	0.45816229	0.36631449
P04920	SLC4A2	RRPGASPTGETPTIEEGEEDDEASEAEGAR	S113	0.04767854	0.46858981	0.44612288
P04920	SLC4A2	RRPGASPTGETPTIEEGEEDDEASEAEGAR	S132	0.08644654	0.44352148	0.49557355
P04920	SLC4A2	TSPSSAPLPHQEATPR	S173	0.10003581	0.55139428	0.5018786
Q9Y6M7	SLC4A7	EDGRESPSYDTPSQR	S84	0.61303072	1.05838041	0.81560563
Q9Y6M7	SLC4A7	SFADIGK	S233	0.88350848	1.04762112	0.94753935
Q9UPY5	SLC7A11	LPSLGNK	S26	0.13693246	1.32899743	0.52339351
Q01650	SLC7A5	SADGSAPAGEGEGVTLQR	S31	0.15536956	1.31173871	0.53741649
Q96CW6	SLC7A6OS	SAEPAEALVLACK	S16	0.19631959	1.43331495	0.56846559
P19634	SLC9A1	CLSDPGPHPEPGEPPFPK	S796	0.17606655	0.85725191	0.55037859
P19634	SLC9A1	ETSSPGTDDVFTAPSDSPSSQR	S785	0.40549786	1.16276124	0.6993632

P19634	SLC9A1	ETSSPGTDDVFTPA PSDSPSSQR	S783	0.40767507	1.13606146	0.70014585
P19634	SLC9A1	IGSDPLAYEPK	S703	0.814822	1.03052147	0.91990355
O14745	SLC9A3R1	SASSDTSEELNSQD SPK	S290	0.67024722	1.06212664	0.84658851
O14745	SLC9A3R1	EALAEAALES PRPALVR	S280	0.9740719	1.00749447	0.9878516
Q96783	SLC9A7	SSSEEVLER	S694	0.02789388	0.82369936	0.40710444
Q68D06	SLFN13	YNLINEGSPSPK	S170	0.50393714	0.94580584	0.75298806
Q9NWH9	SLTM	SPGHMVILDQTK	S553	0.17472654	1.19311963	0.548315
Q9NWH9	SLTM	DGQDAIAQSPK	S289	0.35925038	1.10257817	0.67026935
Q8IY92	SLX4	SPGLLDTPIR	S1469	0.95098335	0.98549722	0.97921235
P51532	SMARCA4	KIPDPDSDVSEVDAR	S695	0.45620864	1.24187991	0.72561974
P51532	SMARCA4	EVDYSDSLEK	S1382	0.51589793	1.18321392	0.75941066
O60264	SMARCA5	QNLLSVGDYR	S137	0.47696649	0.79090845	0.73801698
Q9H4L7	SMARCAD1	KASISYFK	S79	0.64748628	1.09426938	0.83318338
Q9NZC9	SMARCAL1	KPEEMTACPGHSPR	S112	0.63954116	1.06480453	0.83055345
Q92922	SMARCC1	KHSPSPPTPTESR	S328	0.05340525	1.38970321	0.44612288
Q8TAQ2	SMARCC2	TLTDEVNSPDSRR	S283	0.22867141	1.09649123	0.58267075
Q8TAQ2	SMARCC2	DMDESPVPNVVEVTLPK	S347	0.45897411	1.12272727	0.72770675
Q8TAQ2	SMARCC2	TLTDEVNSPDSR	S283	0.65407499	0.92910061	0.8383178
Q8TAQ2	SMARCC2	GGTMTDLDEQEDESMTGKDEDENSTGNK	S399	0.72778988	1.12082334	0.87523758
Q92925	SMARCC2	AEGDSAGTAGTPGGTPAGDK	T217	0.57588151	1.13109726	0.7967435
Q9UQE7	SMC3	KGDVEGQSQDEGEGSGESER	S1067	0.05314668	1.37396122	0.44612288
Q9NTJ3	SMC4	TESPATAETAASEELNDR	T39	0.50212867	1.12890205	0.75168596
Q9NTJ3	SMC4	REEGPPSPDGASSDAEPEPPSGR	S27	0.62788639	0.91893181	0.8230644
Q9NTJ3	SMC4	TESPATAETAASEELNDR	S41	0.64209119	1.09573241	0.83055345
Q9NTJ3	SMC4	EEGPPSPDGASSDAEPEPPSGR	S28	0.68484412	0.90910678	0.85273769
Q9NTJ3	SMC4	EEGPPSPDGASSDAEPEPPSGR	S27	0.8287047	0.97319413	0.92537257
Q92540	SMG7	SPPHSGFQQYQADASK	S781	0.17340916	0.74742534	0.54778823
Q8ND04	SMG8	NESSAPPDSDADK	S668	0.83075545	1.02807624	0.92573993
Q9HOW8	SMG9	EPGSGGPNLSGPGGR	S32	0.49654196	1.06917756	0.74981346
B2RUZ4	SMIM1	DGVSGLAVSSTEEASR	T29	0.6877169	1.12766179	0.85494209
Q16637	SMN1;SMN2	GTGQSDSDIWD TALIK	S31	0.19177623	0.59896412	0.5651429
Q16637	SMN1;SMN2	GTGQSDSDIWD TALIK	S28	0.31484335	0.83299683	0.63799287
P53814	SMTN	TTSPEQESPTLPSTEGQVNVK	S245	0.21598359	1.1009772	0.58136831
O00161	SNAP23	TTWGDGGENSPCNVSK	S110	0.14659048	0.91178597	0.53170891
Q8TAD8	SNIP1	RPDHSGGSPPTSEPAR	S49,S54	0.06640559	1.28028124	0.46295119
Q8TAD8	SNIP1	RPDHSGGSPPTSEPAR	S52	0.11063832	1.24555904	0.51002233
Q8TAD8	SNIP1	QERLSPEVAPPAHR	S35	0.16135541	1.2873044	0.54196083
Q8TAD8	SNIP1	LSPEVAPPAHR	S35	0.46757203	0.93598765	0.73186198
Q8TAD8	SNIP1	KDDEDEEEEEVS DS	S396	0.59659893	0.62704153	0.8075237
Q8TAD8	SNIP1	RPDHSGGSPPTSEPAR	S52,S54	0.8686168	1.01777349	0.94253542
O75643	SNRNP200	EEASDDMMEGD EAVVR	S225	0.95210337	1.00826233	0.97942777
Q8VVK2	SNRNP27	VDGVSNAVAINVSQK	S132	0.25020269	1.31173083	0.59462574
P08621	SNRNP70	GGGGDMAEPSEAGDAPPDDGPPGELGPDGDPGPEEK	S320	0.08543541	0.75988566	0.49393301
P08621	SNRNP70	YDERPGSPPLPHR	S226	0.35346435	1.12297541	0.66702539
P08621	SNRNP70	GGGGQDNGLEGLGNSDR	S410	0.77457063	0.94776119	0.89980729
P09661	SNRPA1	GGPSPGDVEAIK	S197	0.77608242	1.0374561	0.9005906
Q13884	SNTB1	GSPVSEIGWETPPSPR	S219	0.155646	1.31148605	0.53741649
Q13884	SNTB1	GAGAGHPGAGGAQPPD SPAGVR	S87	0.83437457	0.966	0.92778088
Q13425	SNTB2	SPSLGSDLTFATR	S393	0.4339678	0.78622242	0.71865424
Q13425	SNTB2	PGAGEAGASPPVR	S110	0.70174921	1.03195876	0.86274503
O95149	SNUPN	LAEDDWTGMESEENK	S75	0.06192383	0.78133794	0.45713107
Q13573	SNW1	GPPSPPAPVMHSPSRK	S224,S234	0.07045861	1.31163629	0.46523029
Q13573	SNW1	GPPSPPAPVMHSPSR	S224,S232	0.41910121	0.8583691	0.709009
Q15036	SNX17	SPPLLESPDATR	S421	0.03935621	0.53358395	0.43108921
Q15036	SNX17	SPPLLESPDATR	S415	0.430738	0.91046778	0.71568235
O60749	SNX2	SMSAPVIFDR	S119	0.16275404	1.49864441	0.54196083
Q9Y343	SNX24	AESCGSFDTESEESSK	S116	0.36540888	1.12009238	0.67336704
Q9Y4B5	SOGA2	REGPVGGESDSEEMFEK	S776	0.2936499	1.2888504	0.62281368
Q9Y4B5	SOGA2	EGPVGGESDSEEMFEK	S778	0.43087873	0.89488282	0.71568235
P18583	SON	EMEHNTVCAAGTSPVGEIGEEK	S1556	0.02956734	1.14685315	0.40811311
P18583	SON	SHDDGNIDLESDFLK	S154	0.10121898	0.60754248	0.5018786
P18583	SON	ESDQTLAALLSPK	S1697	0.41808225	0.95162591	0.70874058
P18583	SON	SAASPVVSSMPER	S1769	0.79348908	1.01796407	0.91095934
P18583	SON	EMEHNTVCAAGTSPVGEIGEEK	T1555	0.97689695	0.99350854	0.98883833
O60504	SORBS3	SPADPIDLGGQTSRR	T562	0.34685243	1.26861298	0.66293814
O60504	SORBS3	LCDDGPQLTSPR	S530	0.76218142	0.96662388	0.89034252
O60504	SORBS3	SPADPIDLGGQTSRR	S563	0.97232804	1.00466497	0.98687477
Q07889	SOS1	SASVSSISLTK	S1134	0.13293225	0.62683064	0.51729728
Q53LP3	SOWAHC	DLVMGSSPQLK	S213	0.37196357	1.08170107	0.67479745
Q9UN79	SOX13	DLISLDSSPAK	S386	0.0444461	0.69278448	0.44293212
P23497	SP100	LSTFRESFK	S394	0.10935771	1.17301751	0.51002233
P23497	SP100	LPLQESEEEEREER	S157	0.16416449	1.11097852	0.54196083
P23497	SP100	SEPVINNDNPLESNDK	S362	0.31270337	1.07683864	0.63653708
P23497	SP100	DDSLGSQLTNEQCAQK	S228	0.44924084	1.25118908	0.72390157
Q9HB58	SP110	DNSPEPNDPEEPQEVSTPSDK	S256	0.05370048	1.13032638	0.44612288
Q9HB58	SP110	VTQGAASPGHIQEK	S380	0.6763791	0.9656051	0.85001908
Q9HB58	SP110	DKEDPQEMPHSPLGSMPEIR	S248	0.74295233	1.11640287	0.88278609
Q9HB58	SP110	EDPQEMPHSPLGSMPEIR	S244	0.82004894	0.95056148	0.92370038
Q02446	SP4	ENNVSQPASSSSSSSNNGSASPTK	S136	0.20583361	1.17162393	0.57243036
O60271	SPAG9	RSSTLSQLPGDK	S594	0.51954639	0.69500033	0.76115197
O60271	SPAG9	LHQLSGSDQLESTAHSR	S183	0.82419569	0.95488026	0.92458845

Q9NS25	SPANXB1;SPANXB2;SPANXF1	SVPCESEANEANEANK	S13	0.00316458	3.10066891	0.29204389
Q9NS25	SPANXB1;SPANXB2;SPANXF1	TMPETPTGSDPQPAPK	T34	0.01860365	1.87753085	0.37230658
Q9NS25	SPANXB1;SPANXB2;SPANXF1	RSVPCESEANEANEANK	S13	0.04418727	1.61345794	0.44293212
Q9NS25	SPANXB1;SPANXB2;SPANXF1	RTSPEELVNDHAR	S69	0.49624945	1.2184381	0.74981346
Q9NS25	SPANXB1;SPANXB2;SPANXF1	TSESTILVVR	S53	0.59423354	1.2924085	0.80647767
Q69YQ0	SPECC1L	KGSSGNAEVSVACLTER	S384	0.3437811	0.89231409	0.66290366
Q69YQ0	SPECC1L	KGSSGNAEVSVACLTER	S389	0.51109381	1.06903991	0.75736731
Q69YQ0	SPECC1L	KGSSGNAEVSVACLTER	S384	0.62056433	1.11081712	0.82013131
Q96T58	SPEN	EDVSASGSPPEATQLAK	S2159	0.02879992	1.29169503	0.40710444
Q96T58	SPEN	RQQSPGASPSQAER	S736,S740	0.07405425	1.28263708	0.47120118
Q96T58	SPEN	ESGVVAVSPEK	S2120	0.14694753	1.19340055	0.53170891
Q96T58	SPEN	HGSFHEDEDPIGSPR	S1268,S1278	0.2211964	0.79438315	0.58267075
Q96T58	SPEN	HGSFHEDEDPIGSPR	S1268	0.50213368	1.12298558	0.75168596
Q96T58	SPEN	SLVHEVGKPPQDVTDDSPSK	S1222	0.62582756	0.91489918	0.82174981
Q08AE8	SPIRE1	LRPVSPPEIR	S387	0.92353334	1.01046353	0.96716763
Q7Z699	SPRED1	HVSFODEDEIVR	S238	0.34369709	0.77714182	0.66290366
Q7Z698	SPRED2	QVSPFDDDEEIVR	S206	0.6017315	1.07359752	0.8111934
Q13813	SPTAN1	CTELNQAWSSLGK	S1322	0.22587159	1.20871863	0.58267075
Q13813	SPTAN1	SLQQLAEEER	S1217	0.5062591	1.06143971	0.75314323
Q13813	SPTAN1	WRSLQQLAEER	S1217	0.61334757	1.08715389	0.81560563
Q01082	SPTBN1	ESSPIPSPTSDRK	S2164,S2169	0.12858829	1.14438254	0.5125107
Q01082	SPTBN1	ESSPIPSPTSDR	S2165,S2169	0.15401798	0.9166185	0.53741649
Q01082	SPTBN1	GEQVSQLGLPAEQGSPR	S2138	0.87422869	1.03006329	0.94412246
Q13501	SQSTM1	SRLTPVSPSSSTEEK	T269	0.01342504	1.55669421	0.36591793
Q13501	SQSTM1	LTPVSPSSSTEEK	S272	0.09099997	1.28462244	0.49756932
Q13501	SQSTM1	SRLTPVSPSSSTEEK	T269,S272	0.46478867	1.16634419	0.72999428
Q6ZRS2	SRCAP	DEEQSEADAGSGPPTGPTTLGPK	T572	0.83540863	0.96164423	0.92778088
Q8NEF9	SFBP1	EYFDDSTEER	S264	0.134211757	1.04095326	0.52045275
Q8IYB3	SRRM1	RLSPSASPPR	S391,S393	0.01576666	1.23233422	0.36631449
Q8IYB3	SRRM1	APQTSSSPPVVR	S694,S696	0.02987318	1.2099387	0.40835118
Q8IYB3	SRRM1	KETESEADNLLDLEK	T872	0.03310374	1.17581543	0.413925
Q8IYB3	SRRM1	AASPSQSVR	S738,S740	0.04535803	1.40559006	0.44340907
Q8IYB3	SRRM1	TPELPEPSVK	T220	0.10332799	1.15330287	0.50572948
Q8IYB3	SRRM1	VPKPEIPEKPEPSPEK	S260	0.11551763	2.18334712	0.51002233
Q8IYB3	SRRM1	KETESEADNLLDLEK	S874	0.20842497	1.08922443	0.57419211
Q8IYB3	SRRM1	RYSPPPPK	S605,S607	0.26179535	1.12534461	0.60088416
Q8IYB3	SRRM1	HRSPPATPPP	T406,S402	0.37074986	1.09504132	0.67442469
Q8IYB3	SRRM1	SPSPAPPPR	S560,S562	0.38066658	1.18590973	0.67846982
Q8IYB3	SRRM1	RYSPIQR	S597	0.38411686	1.0893526	0.67941113
Q8IYB3	SRRM1	VELSEEDK	S463	0.46355806	0.91441441	0.72929075
Q8IYB3	SRRM1	KPPAPPSPVQSQSPSTNWSPAVPVK	S769,S775	0.67367103	0.89261264	0.84926251
Q8IYB3	SRRM1	EKTPELPEPSVK	T220	0.98504752	1.00223464	0.99242732
Q8IYB3	SRRM1	ETESEADNLLDLEK	S874	0.98747705	0.99840192	0.99394726
Q9UQ35	SRRM2	QSHSGSISPYPK	S994	0.00674002	0.89951409	0.31708848
Q9UQ35	SRRM2	QGSITSQANEQSVTPQRR	T866	0.03126527	1.33629465	0.40879194
Q9UQ35	SRRM2	QGSITSQANEQSVTPQR	S857	0.03804845	1.31626506	0.43108921
Q9UQ35	SRRM2	SSSPVTELASRSPIR	S1103,S1112	0.03840596	1.16086236	0.43108921
Q9UQ35	SRRM2	SRTPPSAPSQSR	S2407	0.06111924	1.40929705	0.45713107
Q9UQ35	SRRM2	SRTSPAPWK	S1857	0.06192136	1.3017094	0.45713107
Q9UQ35	SRRM2	QGSITSQANEQSVTPQR	T866,S857	0.06666722	0.83750292	0.46315453
Q9UQ35	SRRM2	LPQSSSESSPPSQPTK	S424	0.14138059	0.76542349	0.52770768
Q9UQ35	SRRM2	SGSSQELDVKPSASPQER	S1541	0.15610188	1.24767999	0.53741649
Q9UQ35	SRRM2	ELSNSPLR	S1320	0.15699306	0.90635697	0.53741649
Q9UQ35	SRRM2	THTTALAGRSPPASGR	S295,S297	0.16255645	1.12545395	0.54196083
Q9UQ35	SRRM2	RGEGDAPFSEPGTTSTQRPPSPETATK	S323	0.16326639	1.22603902	0.54196083
Q9UQ35	SRRM2	SVSPCSNVESR	S954	0.16458781	1.1700345	0.54196083
Q9UQ35	SRRM2	SLSGSSPCPK	S778	0.1670301	1.37697161	0.54315766
Q9UQ35	SRRM2	SRTPPSAPSQSR	T2409	0.18730285	1.29849254	0.56058734
Q9UQ35	SRRM2	MALPPQEDATASPPR	S1179	0.20509793	1.21166307	0.57194083
Q9UQ35	SRRM2	GEFSASPMKL	S1124	0.21283271	1.16569637	0.57940788
Q9UQ35	SRRM2	SSSPVTELASR	S1102,S1103	0.21601281	0.78511119	0.58136831
Q9UQ35	SRRM2	TSPLLLDR	S2398	0.22002651	1.12797375	0.58267075
Q9UQ35	SRRM2	AQTPPGPPLSGSK	T1003	0.22074555	1.12996255	0.58267075
Q9UQ35	SRRM2	SLSYSPVER	S2692	0.22888184	0.74457324	0.58267075
Q9UQ35	SRRM2	RGEGDAPFSEPGTTSTQRPPSPETATK	T328	0.24187812	1.15992812	0.58886046
Q9UQ35	SRRM2	QGSITSQANEQSVTPQRR	T866,S857	0.24680333	1.1362069	0.591961
Q9UQ35	SRRM2	GEGDAPFSEPGTTSTQRPPSPETATK	S323	0.25265821	1.09198656	0.59589813
Q9UQ35	SRRM2	SSGHSSSELSPDAVEK	S1384,S1387	0.2657927	0.81843575	0.60298408
Q9UQ35	SRRM2	SSGHSSSELSPDAVEK	S1382	0.27169301	1.2071596	0.60614221
Q9UQ35	SRRM2	SPVPSAFSDQSR	S2449	0.30607485	0.85876011	0.63401508
Q9UQ35	SRRM2	SLSGSSPCPK	S780	0.3170716	1.16171572	0.63849749
Q9UQ35	SRRM2	SSGHSSSELSPDAVEK	S1387,S1378	0.3177943	0.75860298	0.6389963
Q9UQ35	SRRM2	ENSFSGPLEFR	S1329	0.33316105	0.90059473	0.65495281
Q9UQ35	SRRM2	SSSPVTELASR	S1103	0.35727854	0.93493661	0.66868863
Q9UQ35	SRRM2	HGGSPQPLATTPLSQEPVNPPEASPTR	T400,S377	0.3693959	1.15958222	0.67368198
Q9UQ35	SRRM2	SSGHSSSELSPDAVEK	S1387	0.38275646	0.90643564	0.67941113
Q9UQ35	SRRM2	CRSPGMLEPLGSSR	S2132	0.3908357	1.55557469	0.68730666
Q9UQ35	SRRM2	SGSSQELDVKPSASPQER	S1542	0.46042957	1.14842819	0.72775395
Q9UQ35	SRRM2	AIISPR	S924	0.4823742	1.09880372	0.74124365
Q9UQ35	SRRM2	QGSITSQANEQSVTPQR	T866	0.59384312	0.92845165	0.80647767
Q9UQ35	SRRM2	HGGSPQPLATTPLSQEPVNPPEASPTR	T383,T400,S377	0.59480335	0.91466667	0.80657235

Q9UQ35	SRRM2	TPPVALNSSR	T2104	0.60970779	1.04410851	0.81484419
Q9UQ35	SRRM2	SCFESSDPPELK	S876	0.75188903	1.02271139	0.88774061
Q9UQ35	SRRM2	HGGSPQPLATTPLSQEPVNPPEASPTR	S387,S395	0.79669399	0.94949495	0.91333498
Q9UQ35	SRRM2	SRSPLAIR	S2046	0.82334523	1.04803573	0.92458845
Q9UQ35	SRRM2	SSSPVTELASR	S1101,S1103	0.92619437	0.9878271	0.96756561
Q9UQ35	SRRM2	SGSSQELDVKPSASPQER	S1541,S1552	0.95044182	0.98774409	0.97916383
Q9UQ35	SRRM2	SPGMLEPLGSSR	S2132	0.98099316	1.00223964	0.99052277
Q9BXP5	SRRT	ERFSPRR	S67	0.26791636	0.89531124	0.60403212
Q07955	SRSF1	VDGPRSPSYGR	S199	0.05662862	2.72380952	0.45298462
Q75494	SRSF10	SRSFDYNYR	S133	0.26595408	0.84773045	0.60298408
Q75494	SRSF10	SFDYNYR	S133	0.36706419	0.80041634	0.67368198
Q05519	SRSF11	VNGDDHHEEDMDMSD	S483	0.00483724	1.37570477	0.29204389
Q05519	SRSF11	DYDEEEQGYDSEK	S434	0.65540231	0.85829596	0.8394813
Q13243	SRSF5	LIVENLSSR	S117	0.11892161	1.46329977	0.51002233
Q13242	SRSF9	GSPHYFSPFRPY	S211	0.07240289	0.67778505	0.46528233
P05455	SSB	FASDDEHDEHDENGATGPVK	S366	0.66655866	1.07459016	0.84491876
P28290	SSFA2	SLASIEAK	S668	0.54349632	0.90919565	0.77269004
P28290	SSFA2	MPSFPR	S1040	0.98061292	0.9965221	0.99052277
Q8WYL5	SSH1	KLEFGSPK	S576	0.74208607	0.96261356	0.88208167
Q8TE77	SSH3	APSEELHGDQDTDFGQGSQPQK	S87	0.06151116	1.19230142	0.45713107
Q9UNL2	SSR3	QQSEEDLLLQDFSR	S11	0.30834141	1.32822165	0.63577254
Q08945	SSRP1	EGMNPYSDEYADSDEDQHDAYLER	S444	0.38189702	0.32737678	0.67941113
P50502	ST13	ADEPSSEESDLEIDK	S75,S79	0.05085267	0.62155422	0.44612288
P50502	ST13	ADEPSSEESDLEIDK	S79	0.09412415	0.85216473	0.5018786
P50502	ST13	ADEPSSEESDLEIDK	S76,S79	0.19584509	0.5103061	0.56792296
Q9Y365	STARD10	MGGAGGEGSDDDTSLT	S284	0.24990271	1.56708914	0.5945986
Q9Y3M8	STARD13	KGDDSDDEEDLCISNK	S133	0.46411592	0.70374485	0.72954618
Q95793	STAU1	VTFPEPGSGDENGTSNK	S390	0.21708609	1.08924378	0.58142167
Q9NUL3	STAU2	GSSPTPPCSPVQPSK	S486	0.48562705	0.9078234	0.74248003
Q95210	STBD1	HSSWGDVGVGGSLK	S211	0.08926713	1.69579791	0.4960359
Q95210	STBD1	NESLESPMGWGFQK	S145	0.9701991	0.98261153	0.98671573
Q13586	STIM1	AEQSLHDLQER	S257	0.08011135	1.97968611	0.48762117
Q13586	STIM1	SHSPSPDPDTPSPVGDSDR	S618	0.08620939	0.72429263	0.49557355
Q13586	STIM1	SHSPSPDPDTPSPVGDSDR	S620	0.29335292	0.91466306	0.62260296
Q9P246	STIM2	SIVPSPQPQR	S523	0.04475804	1.78387847	0.44293212
Q94804	STK10	QVAEQGGDLSPAANR	S438	0.11838281	1.1574718	0.51002233
Q94804	STK10	LSEEAECNPSTPSK	T952	0.20677971	0.78481807	0.57287379
Q8N1F8	STK11IP	NSPPQAPSTR	S772	0.13666424	1.15439094	0.52306923
Q8N1F8	STK11IP	RASISEPSDTPPEPR	S398	0.59993999	1.06903766	0.80979348
Q13188	STK3	ELEEEENDEDELDSHTMVK	S316	0.26851838	0.38856628	0.60403212
Q9UEW8	STK39	TEDGDWWEWSDEMDEK	S385	0.42811848	0.67426204	0.7137923
P16949	STMN1	DLSEIEIQK	S46	0.15463709	1.14015184	0.53741649
P16949	STMN1	ESVPEFPLSPPK	S38	0.50570485	0.8539823	0.75314323
Q5VSL9	STRIP1	AASPPASADLIEQQQK	S335	0.02804794	1.19832461	0.40710444
Q5VSL9	STRIP1	KDSEGYSESPLEFEYADTDK	S59	0.34668711	0.35011409	0.66293814
Q13033	STRN3	NLEQLNGGESPK	S229	0.13903148	1.1432319	0.52583497
Q9NRL3	STRN4	SLELNGAVEPSEGAPR	S206	0.37595129	0.83680184	0.67604172
Q8TCJ2	STT3B	ENPPVEDSSDEDDK	S498	0.17556023	1.13062099	0.54980155
Q8TCJ2	STT3B	RENPPVEDSSDEDDK	S498	0.54051603	0.86809931	0.7718622
Q9UNE7	STUB1	LGAGGGSPKPSAQELK	S19,S23	0.16523661	1.25542237	0.54308896
Q043752	STX6	QALLGDSGQNWSTGTTDK	S129	0.0518946	1.77251805	0.44612288
Q9H7L9	SUDS3	RPASPPSEHLPATPAESPAQR	S234,S237	0.85456942	0.96542959	0.93683196
Q8IWZ8	SUGP1	DVDASPSPLSVQDLK	S411	0.76860982	0.95840291	0.89546237
Q8IWZ8	SUGP1	DVDASPSPLSVQDLK	S409	0.86028245	1.0367269	0.93886034
Q8IX01	SUGP2	KMSFDI0K	S315	0.51367373	1.30127706	0.75868535
Q15527	SURF2	DLGSTEDGDGTDFFLTKDEK	T195	0.22992556	1.35463918	0.58267075
Q15527	SURF2	DLGSTEDGDGTDFFLTK	T195	0.44344648	0.84721629	0.72238826
Q15527	SURF2	DLGSTEDGDGTDFFLTK	T190	0.94436272	1.01023891	0.9777003
Q9H5I1	SUV39H2	GSGDISSDSIDHSPAK	S388	0.06450311	0.66183311	0.46076126
Q15022	SUZ12	ASMSEFLESEDEGEVQQR	S546	0.34841168	0.63608912	0.6638961
Q95425	SVIL	YGSFEAEASYPILNR	S968	0.20438176	0.64643191	0.57194083
Q95425	SVIL	SFDEQNVPK	S707	0.35231404	1.13120131	0.66702539
Q95425	SVIL	DSSFTEVPRSPK	S245	0.47451812	1.05575117	0.73608495
Q95425	SVIL	CTSHSETPTVDDEEK	S673	0.73696989	0.93745313	0.87956524
Q95425	SVIL	CTSHSETPTVDDEEK	T672	0.75351469	1.06571525	0.88807985
Q95425	SVIL	FSSSIENS DSPVR	S914	0.89648373	1.03961221	0.95573579
Q96A49	SYAP1	TPPVVVK	T248	0.23905188	1.09210526	0.58659409
Q92797	SYMPK	TPSPAEDAREPEAK	S1259	0.06365399	1.28357582	0.46076126
Q92797	SYMPK	EERSPQTLAPVGEDAMK	S1243	0.06810146	1.18836915	0.4637455
Q92797	SYMPK	SPQTLAPVGEDAMK	S1243	0.68658161	0.92787476	0.85418907
Q8WXH0	SYNE2	QQSVESLAEVVK	S2781	0.11766641	1.19765332	0.51002233
Q8WXH0	SYNE2	EASENETDMEDPR	S6361	0.75942639	1.04370921	0.88966056
Q9UM22	SYNRG	EEASPVPLTNSVGTVK	S720	0.04515472	1.39706024	0.44340907
Q9UM22	SYNRG	QLSLEGGSLGVEDLK	S752	0.26519041	0.65306736	0.60298408
Q9UM22	SYNRG	SGSLDDSFDFQELPASSK	S473	0.34574909	0.68212006	0.66293814
Q9UM22	SYNRG	ETSFSSENITMTLSLK	S935	0.51670998	1.06115773	0.75941066
Q8IYJ3	SYTL1	ASDPEEASQAQEDPQQGQVCAEEADPELEPASGGEQPRPQQAQTK	S199	0.05887549	1.60036649	0.45298462
Q8IYJ3	SYTL1	VPPSPDDLPSR	S392	0.06744724	1.29071557	0.4637455
Q8TDW5	SYTL5	SPGAEVQSSEQTR	S147	0.33849378	1.25117332	0.65781985
Q7Z422	SZRD1	ILGSAPEEEQEKPIILDRPTR	S107	0.26777056	1.69868637	0.60403212
Q75410	TACC1	GGAAGEDAEAGGPEGDPPEEDSQAETK	S44	0.55606933	0.95778938	0.78182069



095359	TACC2	LDNTPASPPRSPAEPNDIPIAK	S2317,S2321	0.03184547	1.31013306	0.40879194
095359	TACC2	MSESPTPCSGSSFEETEALVNTAAK	S2567	0.20077532	0.58733517	0.56975265
Q9Y6A5	TACC3	ILSPSMASK	S71	0.18615351	0.61165326	0.55994868
Q9Y6A5	TACC3	SGCSEAQPPEPETR	S434	0.48843559	0.87300554	0.74395336
Q16514	TAF12	LSPENNQVLTK	S51	0.77855217	0.98221006	0.90280708
Q6P1X5	TAF2	DKEPFTFSSPASGR	S1185	0.5716021	1.24066707	0.79243162
Q15545	TAF7	LNESDEQHQENEGTNQLVMGIQK	S264	0.18607204	0.40796903	0.55994868
Q15545	TAF7	EAENQGLDISSPGMMSGHR	S200	0.2708087	0.90816123	0.60553604
P37802	TAGLN2	NFSDNQLQEGK	S163	0.17102541	1.28442728	0.54531589
Q9COD5	TANC1	SPCETISSPSSTLESK	S207	0.23702541	1.10228554	0.58536202
Q9HCD6	TANC2	SCDELSPVSPQTGGYPSEPTR	S1827	0.44706181	0.89892854	0.72351031
Q9HCD6	TANC2	DCSYGAVTSPTSTLESR	S169	0.76228334	0.97687861	0.89034252
Q7L7X3	TAOK1	ASDPQSPQVSR	S421	0.8045637	1.0254491	0.91456043
Q9H2K8	TAOK3	NGPLNESQEEDSEHGTSLNR	S324	0.07108059	1.33481878	0.46528233
Q4KMP7	TBC1D10B	AAGGAPSPPPVPR	S678	0.97090554	0.99714693	0.98687477
Q8TC07	TBC1D15	KDSSVVVEWTQAPK	S70	0.02822471	0.73218885	0.40710444
Q8TC07	TBC1D15	NDSPTQIPVSSDVCR	S675	0.33822259	0.87292083	0.65781985
Q8TBP0	TBC1D16	MLASPAPEDEEK	S155	0.51203146	0.83763385	0.7574445
Q9BYX2	TBC1D2	RAVSEGCASEDEVEGEA	S920	0.00358729	1.95419863	0.29204389
Q3MIIE	TBC1D25	QASLDGLQLR	S506	0.02148105	1.25689908	0.37949754
O60343	TBC1D4	SPSAMQQQDGLDR	S789	0.11689952	0.85800296	0.51002233
O60343	TBC1D4	HASAPSHVQPSDSEK	S341	0.21928528	3.90057048	0.58267075
Q92609	TBC1D5	NISSSPSVESLPGGR	S541	0.10029443	1.44027409	0.5018786
Q92609	TBC1D5	TSSTLDSEGTFNYSR	S43	0.2394744	0.80471629	0.58659409
Q92609	TBC1D5	SESMVPQLNK	S522	0.29196042	0.63974314	0.62260296
Q92609	TBC1D5	EFTGSPSSATK	S558	0.49044545	1.07682426	0.74595805
Q92609	TBC1D5	RTSSTLDSEGTFNYSR	S43	0.63555495	1.14310613	0.82786202
Q66K14	TBC1D9B	ASVVDPSTESSAPQEGSEQPASPPLSSR	S435	0.10110153	1.48388721	0.5018786
Q66K14	TBC1D9B	KASVVDPSTESSAPQEGSEQPASPPLSSR	S411,S439	0.3656072	0.76391957	0.67336704
P23193	TCEA1	EPAITSQNSPEAR	S100	0.04141692	1.24789311	0.43680889
P23193	TCEA1	KEPAITSQNSPEAR	S100	0.13915549	1.15923567	0.52583497
Q969E4	TCEAL3	EDEGEPGDEGQLEDEGSQEK	S65	0.06972768	1.87145878	0.4637455
Q969E4	TCEAL3	REDEGEPGDEGQLEDEGSQEK	S65	0.09733704	1.62709285	0.5018786
Q969E4	TCEAL3	NEGNLENEGKPEDEVEPDDEGKSDEEEKPDVEGK	S30	0.96476052	1.00827967	0.98273364
Q96E15	TCEAL4	EKGPEIEGKPESEGEPSSETR	S102	0.09406956	1.16382979	0.5018786
Q9UGU0	TCF20	ENDTVTISPK	S1522	0.29640138	1.13277119	0.62494294
Q13428	TCOF1	TSQVGAASAPAKESPR	S381	0.03098688	0.7467761	0.40879194
Q13428	TCOF1	LDSSPSVSTLAAK	S1228	0.04293379	1.15486381	0.44128756
Q13428	TCOF1	KLGAEGGEASVSPEK	S1378	0.31876435	1.301566	0.63900857
Q13428	TCOF1	VGPATPSAQVKG	T533	0.46098681	0.79116874	0.72827788
Q13428	TCOF1	TSQVGAASAPAKESPR	S375	0.58228358	0.91229587	0.80001994
Q13428	TCOF1	LGAGEGGEASVSPEK	S1378	0.70514807	1.04342581	0.86527488
P17987	TCP1	HGSYEDAVHSGALND	S551	0.11423083	0.75785998	0.51002233
Q9NYB0	TERF2IP	YLLGDAPVSPSSQK	S203	0.52955899	0.96068202	0.7665292
Q01664	TFAP4	FIQELSGSSPK	S124	0.20209981	0.81578947	0.57040595
Q01664	TFAP4	DEGIGSPDIWEDEK	S139	0.3164399	0.90967283	0.63802195
Q14186	TFDP1	VFIDQNLSPGK	S23	0.10498675	0.83537415	0.50572948
P0C126	TFPT	RTPAPPEPGSPAPGEGPSGR	S180	0.05826483	1.54479721	0.45298462
Q96RS0	TGS1	DRPHASGTDGDESEEDPPEHKPSK	S412	0.14091624	1.57077121	0.52770768
Q96RS0	TGS1	DSGNNSGDQATEEEGGYSCGTAESHDSK	S55	0.84745198	0.97655768	0.93274653
Q8NI27	THOC2	NAVASVQNGPGGGPSSSSIGSASKSDSSTEETDK	S1219	0.09635765	2.24758372	0.5018786
Q8NI27	THOC2	SESPCESYPNEK	S1516	0.10713337	1.24789916	0.50975258
Q8NI27	THOC2	IDTHPSPSHSSTVK	S1417	0.24867443	1.12936389	0.59379993
Q9Y2W1	THRAP3	FSGEEGIEEDDESGTENREEK	S939	0.05994187	1.1537054	0.45298462
Q9Y2W1	THRAP3	GSFSDTGLGDGK	S379	0.06560046	1.19042189	0.46184181
Q9Y2W1	THRAP3	ASAVSELSPR	S243	0.20727926	1.16607143	0.57287379
Q9Y2W1	THRAP3	IDISPSTFR	S682	0.20957818	1.20968573	0.57442583
Q9Y2W1	THRAP3	WAHDKFSGEEGIEEDDESGTENR	S928	0.22615609	0.45906732	0.58267075
Q9Y2W1	THRAP3	FSGEEGIEEDDESGTENR	S928	0.37499443	0.79372583	0.67596613
Q9Y2W1	THRAP3	SPPTSGTYGSSQK	S320	0.61248084	0.90511727	0.81560563
Q9Y2W1	THRAP3	FSGEEGIEEDDESGTENR	S939	0.84804334	0.96087912	0.93278712
Q9Y2W1	THRAP3	SPLQSVVVR	S253	0.9389362	1.01001252	0.97418985
Q13009	TIAM1	SNATNSSYSPTTGR	S358	0.15981269	0.66683692	0.54155013
Q13009	TIAM1	ANSLGDLIYAK	S231	0.85729134	1.01477833	0.93829746
Q7Z2Z1	TICRR	LHPDGSPPDVAGEK	S599	0.05099557	0.78000722	0.44612288
Q7Z2Z1	TICRR	SVSGSPESDELQELR	S841	0.13579139	1.15835087	0.52212518
Q7Z2Z1	TICRR	SSDPGPDIGVVEESPEK	S1001	0.14298163	0.83339314	0.5281867
Q7Z2Z1	TICRR	SIAEVSQNLR	S865	0.18358794	0.8467554	0.55832805
Q7Z2Z1	TICRR	IECPSPGELDQK	S1334	0.44382317	0.95016588	0.72238826
Q7Z2Z1	TICRR	SIVCQPDAASATPGVGTADSPAAPTDSR	S1413	0.84924592	1.04844826	0.9331292
Q9UN51	TIMELESS	QLLDSDEEQEEDGR	S1173	0.46427722	0.95746118	0.72954618
Q9UN51	TIMELESS	AGLASPEEEDAVGK	S1149	0.51801708	0.92307692	0.76061048
Q9BVW5	TIPIN	AHTVEEVNTDEDQK	T244	0.70705018	1.02959806	0.86558861
Q5JTD0	TJAP1	GSPEELPLPAFEK	S300	0.37003582	1.05531145	0.67368198
Q5JTD0	TJAP1	KDSLTAQAEQGNLLN	S545	0.70781859	0.95547386	0.86558861
Q07157	TJP1	SRELSAQPVQTK	S617	0.0173589	1.22150883	0.36734858
Q07157	TJP1	SRELSAQPVQTK	S622	0.02707632	1.38727524	0.40703825
Q07157	TJP1	EDSSGMHHENQTYPPYSPQAQPQPIHR	S899	0.3182831	0.71155831	0.6389963
Q07157	TJP1	EISQDSLAAK	S215	0.44999403	0.82598675	0.72422173
Q07157	TJP1	LEEPTAPSTSYSPQADSLR	S968	0.48721284	0.84588745	0.74374863
Q07157	TJP1	QPYSPRRPFDNQHSQDLDSR	S1111	0.51816622	0.89783654	0.76061048

Q07157	TJP1	DDISEIQSLASDHSGR	S300	0.60301625	0.87970595	0.81190752
Q07157	TJP1	EISQDSLAAAR	S212	0.7216486	1.09769379	0.87405855
Q9UDY2	TJP2	SFSPEER	S415	0.04476003	1.54289268	0.44293212
Q9UDY2	TJP2	SRSWEDSPER	S170	0.06896967	1.54801444	0.4637455
Q9UDY2	TJP2	AASSDQLRDNSSPPAFKPEPPK	S978,S986	0.29150553	1.20030008	0.62236719
Q9UDY2	TJP2	GSYGSDAEEEEYR	S1159	0.40186878	0.5921728	0.69725708
Q9UDY2	TJP2	AYSPEYR	S266	0.42546797	1.06822124	0.7137923
Q9UDY2	TJP2	VQVAALQASPLDQDDR	S130	0.60666106	1.06317805	0.81240705
Q9UDY2	TJP2	GRSIDQDYER	S244	0.78500034	1.02815315	0.90637476
Q9UDY2	TJP2	SIDQDYER	S244	0.87822357	1.01156677	0.94568481
Q9UDY2	TJP2	DNSPPPAFKPEPPK	S986	0.92261746	0.99052361	0.96716763
O95049	TJP3	SPEASQTDSPVESPR	S333	0.01919243	1.72078403	0.37230658
O95049	TJP3	SSEPVQADESQSPR	S870	0.22073822	1.32726047	0.58267075
O95049	TJP3	TISEPDEQR	S360	0.33349594	1.12643678	0.65521189
Q04724	TLE1	DASSSPASTASSSSTSLK	S286	0.73014354	0.9489842	0.87667044
Q04726	TLE3	DAPTSPASVASSSTPSSK	S286	0.02136647	1.15255732	0.37949754
Q04726	TLE3	ERESSANNVSPSESRLR	S203	0.03253759	1.30479725	0.40879194
Q04726	TLE3	ESSANNVSPSESRLR	S203	0.07515981	1.10310559	0.47168775
Q969X1	TMBIM1	AVSDSFGGVEWDDR	S81	0.0292772	0.62860206	0.40710444
Q8IU68	TMCC8	LLPEPGSDSPGPK	S656	0.35552203	1.23366575	0.66719841
O94876	TMCC1	FGSADNIPNLK	S382	0.00065859	1.28424153	0.21503578
O75069	TMCC2	FGSADNIAHLK	S438	0.1092701	1.31284916	0.51002233
Q92545	TMEM131	RSSDPWSNSHFPHEN	S1871	0.09441877	0.86404548	0.5018786
Q96A57	TMEM230	TNLATGIPSSK	S14	0.06823423	18.9363037	0.4637455
C9J98	TMEM238	LQLATLEAGPGAAGAGSE	S175	0.00516011	0.5347294	0.29204389
Q9H330	TMEM245	GESAPTLPSTSPSSPSPSTPLGR	S330,S332	0.14960977	1.45944185	0.53507884
Q8WWA1	TMEM40	RGSDPASGEVEASQLR	S137	0.34636027	1.15241058	0.66293814
Q9NW97	TMEM51	QGEDLAHVQHPTGAGPHAQEEDSQEEEEDEEAASR	S115	0.35990232	0.73968637	0.67034924
P82094	TMF1	SNTEPQSPPIASPK	S77	0.01240806	0.69081019	0.36467189
P82094	TMF1	SVSEINSDDELSGK	S344	0.15442423	1.20354384	0.53741649
P82094	TMF1	SATPVNCEQPDILVSTPINEGQTVLDK	S399	0.26219513	0.55140041	0.60088416
P42167	TMPO	EMFPYEASTPTGISASCR	S362	0.01707891	14.0117782	0.36731036
P42167	TMPO	SSTPLPTISSAENR	S168	0.05617009	1.47703733	0.45298462
P42167	TMPO	SSTPLPTISSAENR	T160	0.43105108	1.08449549	0.71568235
P42167	TMPO	GPPDFSSDEEREPTPVLGSGAAAAGR	T74	0.47762947	1.28555359	0.7386542
P42167	TMPO	GPPDFSSDEEREPTPVLGSGAAAAGR	T74,S66	0.62594568	1.0844366	0.82174981
P42167	TMPO	GPPDFSSDEEREPTPVLGSGAAAAGR	S66	0.63052802	1.09257842	0.82390229
Q9H3N1	TMX1	SLGPSLATDK	S270	0.06413865	1.48659517	0.46076126
Q9H3N1	TMX1	QRSLGPSLATDK	S270	0.08149328	1.98930098	0.48956669
Q9H3N1	TMX1	VEEQEADEEDVSEEEAESK	S247	0.60696979	0.86849711	0.81248322
Q9H3N1	TMX1	KVEEQEADEEDVSEEEAESK	S247	0.74452392	0.95339274	0.88343394
Q9Y320	TMX2	AGDNIPEEQPVASTPTTVSDGENK	S288	0.04235311	0.67413742	0.44098518
Q9Y320	TMX2	AGDNIPEEQPVASTPTTVSDGENK	S288	0.53808962	0.93477322	0.77155648
Q9H1E5	TMX4	DDSNEENKDSLVDDEEEK	S259	0.24990065	0.88561077	0.5945986
P24821	TNC	LPVGSQCSVDLESASGEK	S65	0.00410954	4.25974402	0.29204389
Q9UKES	TNIK	QNSDPTSENPLPTR	S640	0.36232275	1.16623377	0.67098346
Q9UKES	TNIK	SEGSPVLPHEPAK	S769	0.9198246	1.00614251	0.96626315
Q9C0C2	TNKS1BP1	TEAQDLCRASPEPPGPESSSR	S672	0.08962992	1.76696861	0.4960359
Q9C0C2	TNKS1BP1	VPSSDEEVVEEPQSR	S1621	0.10808961	1.22028088	0.51002233
Q9C0C2	TNKS1BP1	FSEGLVQSPSQDQEK	S435	0.1202963	0.73410884	0.51002233
Q9C0C2	TNKS1BP1	YESQEPVLAGQESLPLATR	S601	0.13954009	1.1636953	0.52649862
Q9C0C2	TNKS1BP1	SFGTRPLSSGFSPEEAQQQDEEFK	S983	0.16195107	0.45262858	0.54196083
Q9C0C2	TNKS1BP1	SQEQADVQDWEFRK	S836	0.17201256	1.6576087	0.54671184
Q9C0C2	TNKS1BP1	QQAGAQPSPGADLEDGEMGK	S1073	0.20188514	1.21975925	0.57040595
Q9C0C2	TNKS1BP1	SAEEGELAESK	S1666	0.23685992	0.84033322	0.58536202
Q9C0C2	TNKS1BP1	RDSLGAAYASQDANEQDQLGK	S893	0.24433642	0.88545296	0.58955069
Q9C0C2	TNKS1BP1	RFSEGLVQSPSQDQEK	S429	0.3115142	1.12897311	0.63653708
Q9C0C2	TNKS1BP1	VSGAGFSPPSSK	S1138	0.441118	0.89244851	0.72100919
Q9C0C2	TNKS1BP1	EAAFSPPGQDWSR	S1103	0.48348736	0.84861592	0.74166915
Q9C0C2	TNKS1BP1	FSEGLVQSPSQDQEK	S429	0.6577066	0.96239602	0.84030158
Q9C0C2	TNKS1BP1	NMAPGAVCSPGESK	S1297	0.72412973	0.93194122	0.87410666
Q9C0C2	TNKS1BP1	YSSQDADEQDWEFQK	S920	0.75207535	1.03981446	0.88774061
Q9C0C2	TNKS1BP1	NRSAEEGELAESK	S1666	0.81525241	1.03731343	0.91990355
Q9C0C2	TNKS1BP1	HNGSLSPGLEAR	S1385	0.90242315	0.98701299	0.95826764
Q9C0C2	TNKS1BP1	DTQSPSTCSEGLLGWSQK	S712	0.94884337	0.9844898	0.9788835
Q8NDV7	TNRC6A	EEEPGTWEEPPSIESIR	S991	0.66221443	1.06584992	0.84239107
Q8NDV7	TNRC6A	QNTAWDTETSPR	S739	0.67835336	0.90557414	0.85051222
Q9UPQ9	TNRC6B	DEEPSGWEEPPQSISR	S879	0.10942262	1.2006079	0.51002233
Q68C22	TNS3	GVSGSPHPPDTQQPSPSK	S660	0.37374964	0.83015716	0.67584996
Q96GM8	TOE1	AADSDDGAVSAPAAADGGVSK	S5	0.03043967	1.24121622	0.40879194
O75674	TOM1L1	EATNTTSEPSAPSQDILLDSPSR	S323	0.47870204	1.09987966	0.73924977
Q15388	TOMM20	IVSAQSLAEDDVE	S138	0.87256172	1.02218183	0.94378338
Q15785	TOMM34	NRVPSAGDVEK	S186	0.43507677	0.89813995	0.71875302
O94826	TOMM70A	ASPAPGSGHPEPGGAHLDMNSLDR	S91	0.15888075	0.81550916	0.54012266
P11387	TOP1	ENGFSSPPQIK	S112	0.23473148	1.13960014	0.58536202
P11388	TOP2A	YLEESDEDDLF	S1525	0.00571285	0.62825989	0.30212542
P11388	TOP2A	NENTEGSPQEDGVELEGLK	S1247	0.09010267	1.26381547	0.4960359
P11388	TOP2A	VPDEEENEEEDNEK	S1106	0.15035835	1.21075124	0.53597354
P11388	TOP2A	TDDEDVPSDASPPK	T1343	0.68805554	0.90024039	0.85503358
P11388	TOP2A	TQMAEVLPSPR	S1213	0.88045514	0.96811071	0.94646727
P11388	TOP2A	SVVSDLEADDVK	S1374	0.89779754	1.02339181	0.95650425

P11388	TOP2A	SVVSDLEADDVK	S1377	0.89954681	1.00992908	0.956788
Q02880	TOP2B	SESDLEETEPVVIPR	S1344	0.00218725	4.29998133	0.29204389
Q02880	TOP2B	VVEAVNSDSDSEFGIPK	S1522	0.04944488	1.594644	0.44612288
Q02880	TOP2B	DEYTFSPGK	S1424	0.11415436	0.79713115	0.51002233
Q02880	TOP2B	ASGSENEGDDYNPGR	S1550	0.13148466	1.65420796	0.51352239
Q02880	TOP2B	VKASPITNDGEDEFVPSDGLDK	T1403	0.14762397	1.76494674	0.53170891
Q02880	TOP2B	ASGSENEGDDYNPGR	S1552	0.1838176	1.61292983	0.55837626
Q02880	TOP2B	KASGSENEGDDYNPGR	S1550	0.2143759	1.15729276	0.5806689
Q02880	TOP2B	ASPITNDGEDEFVPSDGLDK	S1400	0.23332551	1.24430199	0.58485477
Q02880	TOP2B	FDSNEEDSASVFSFGLK	S1466	0.48400451	0.79386258	0.74167539
Q02880	TOP2B	KASGSENEGDDYNPGR	S1552	0.76126345	1.07805625	0.88979561
Q5JTV8	TOR1AIP1	DSHSSEDEASSQTDLSQTISK	S157	5.31E-05	1.80421053	0.0569389
Q5JTV8	TOR1AIP1	LQQQHSEQPPLQPSVPMTR	S143	0.26596652	1.70205184	0.60298408
Q5JTV8	TOR1AIP1	VNFSEEGETEEDDQSSSHSVTTVK	T220,S215	0.51429207	0.6923436	0.75868535
Q5JTV8	TOR1AIP1	VNFSEEGETEEDDQSSSHSVTTVK	S215	0.69400881	1.07200987	0.85860808
Q5JTV8	TOR1AIP1	VNFSEEGETEEDDQSSSHSVTTVK	T220	0.83127614	1.03890229	0.92586131
Q8NFQ8	TOR1AIP2	EPLDPDPSPHSPDK	S120	0.64011301	1.06120092	0.83055345
Q94842	TOX4	LSTTPSPSSLHEDGVDFRR	T180,S178	0.87436558	0.95873817	0.94412246
Q12888	TP53BP1	NSPEDLGLSLTGDSCK	S500	0.00107075	1.24539007	0.22363976
Q12888	TP53BP1	LMLSTSEYSQSPK	S525	0.05141014	1.30335522	0.44612288
Q12888	TP53BP1	IDEDGENTQIEDTEPMSPLVNSK	S552	0.059568	1.23076923	0.45298462
Q12888	TP53BP1	STPFIVPSSPTEQEGR	S380	0.06309616	1.35840368	0.4594768
Q12888	TP53BP1	HEEQSNEDIPIAEQSSK	S222	0.11659354	1.20428103	0.51002233
Q12888	TP53BP1	SGTAETEPVEQDSSQPSLPLVR	S831	0.12144938	1.2103145	0.51015063
Q12888	TP53BP1	LITSEERSPAK	S1678	0.17505748	0.75063185	0.54881965
Q12888	TP53BP1	SEDMPFSPK	S265	0.20174947	1.13224822	0.57040595
Q12888	TP53BP1	ETAVPGLGIEDISPNLSPDDK	S1430	0.26597841	0.52123728	0.60298408
Q12888	TP53BP1	TSSVLGMSVESAPAVEEEK	T117	0.30082571	1.31389794	0.62791959
Q12888	TP53BP1	NSPEDLGLSLTGDSCK	S507	0.61499852	1.11260583	0.81679095
Q12888	TP53BP1	VDVSCPELEGVEK	S771	0.66405301	0.90128894	0.84417266
Q12888	TP53BP1	SPEPEVLSTQEDLFDQSNK	S294	0.83632573	1.02036857	0.92778088
Q12888	TP53BP1	GNLLHFPSSQGEEEK	S1068	0.85746228	1.01785714	0.93829746
Q12888	TP53BP1	NGSTAVAESVASPQK	S1028	0.96769665	1.0043573	0.98510236
Q13625	TP53BP2	NQSSDILR	S480	0.96196061	1.01507267	0.98250904
Q96544	TP53RK	ATTPADGEEPAPEAEALAAAR	T8	0.70035088	0.94132196	0.86274503
Q43399	TPD52L2	GLLSDSMTDVPVDTGVAAR	T23	0.36097981	0.74848516	0.6705258
P12270	TPR	AADSQNSGEGNTGAAESSFQEVSR	S2047	0.56042138	0.81229343	0.78468723
Q9ULW0	TPX2	SSDQPLTVPVSPK	S738	0.1959387	0.82070896	0.56792296
Q13595	TRA2A	RSPSPYYSR	S260,S262	0.45931968	0.80016793	0.72770675
Q9BUZ4	TRAF4	GLSDESSLGFGYPK	S426	0.05692021	0.85833613	0.45298462
Q14545	TRAFD1	LDSQPQETSPELPR	S415	0.22249934	1.12486002	0.58267075
Q14545	TRAFD1	ALPSLNTGSSSPR	S327	0.8676922	1.02889338	0.94208744
Q15629	TRAM1	GTENGVNGTLTSNVADSPR	S365	0.18143659	1.2427686	0.55480042
Q96Q05	TRAPPC9	FNFSFPESPGEK	S953	0.41495344	1.19280227	0.70812712
Q96PN7	TRERF1	SNSIDGSNVTVTPGPEQTVDVPEPR	T767,S756	0.04411563	0.89656929	0.44293212
Q95361	TRIM16	ETEEQDSDSAEQDPAEGEK	S60	0.23628905	1.12898331	0.58536202
Q95361	TRIM16	ETEEQDSDSAEQDPAEGEK	S62	0.5140775	1.13537977	0.75868535
Q95361	TRIM16	ATAQPPAPLSPDSGSPSPDSGASPVVEEEDVGSSEK	S38	0.78050666	1.04536208	0.9044233
Q14258	TRIM25	ASAPSPNAQVACDHCLK	S100	0.99546308	0.99910072	0.99546308
Q13263	TRIM28	EEDGSLDLGDAGSTGVVAK	S683	0.22468248	0.57025514	0.58267075
Q13263	TRIM28	SRSGEVSGLMR	S473	0.26137564	1.21871761	0.60088416
Q13263	TRIM28	SGEGEVSGLMR	S473	0.34275785	1.23228347	0.66251458
Q96LD4	TRIM47	GGIPASPIDPFQSR	S588	0.28417117	0.71019017	0.61816331
Q15642	TRIP10	APSDSSLGTPSDGRPELR	S296	0.15155741	1.16426859	0.53741649
Q14669	TRIP12	SESPPAELPSLR	S312	0.05460437	1.19266504	0.4484824
Q14669	TRIP12	RSEPPAELPSLR	S312	0.07298838	1.23944637	0.46713103
Q9H3H1	TRIT1	RLDSDAVNTIESQSVSPDHNK	S443	0.75673482	1.05363366	0.88966056
Q722T5	TRMT1L	YSTPTYTGGQSESHVQASSEDVTER	S709	0.85470597	1.02937239	0.93683196
Q9UHF7	TRPS1	SPQRAEADDPQDMACTPSGDSLETK	S127	0.11697282	1.75276935	0.51002233
Q9UHF7	TRPS1	SPQESTGDPGNSSSVSEK	S1041	0.57683559	0.92909346	0.7967435
Q9UHF7	TRPS1	ATEETGQAQSQGANCPGLSPVSVASK	S178	0.73248033	1.07954546	0.87875848
Q9UHF7	TRPS1	GSNEEQVNGSPLER	S978	0.7656188	0.94062877	0.89359127
Q9Y4A5	TRRAP	GLSVDSAQEVK	S2051	0.19078863	0.73994704	0.5651429
Q9Y4A5	TRRAP	RGLSVDSAQEVK	S2051	0.59880931	1.16636303	0.80894423
P49815	TSC2	SQSGTLDGESAAWSASGEDSR	S1420	0.0664434	1.43191314	0.46295119
P49815	TSC2	ADVGRLSPEVK	S1411	0.41956706	0.89073795	0.70902218
Q9Y3Q8	TSC22D4	SPDPFGVAQAQK	S279	0.53718942	0.92465753	0.77155648
Q9BSV6	TSEN34	LEQASGASSSQEAGSSQAAK	S136	0.73494871	1.08366387	0.87923537
Q99598	TSNAX	DVNSSSPVMLAFK	S33	0.4291745	1.285502	0.71440502
Q9UJK0	TSR3	GGASSSCEEEQTOGR	S282	0.42851199	1.14785583	0.7137923
Q6PID6	TTC33	SEAPAEVTHFSPK	S197	0.17161434	0.82914308	0.54598407
Q6PID6	TTC33	KSEAPAEVTHFSPK	S197	0.64116383	1.10775268	0.83055345
Q9ULT0	TTC7A	RGSPSAAFTFPDTPDDFGK	S51	0.24194889	0.74777671	0.58886046
Q9BQE3	TUBA1C	TIGGGDDSFNTFFSETGAGK	S48	0.1800625	0.32572355	0.55295852
Q9BQE3	TUBA1C	DYEEVGADSAADGEDEGEY	S439	0.52841486	0.631797	0.76614217
Q3B726	TWISTNB	KHSEEAFTPLK	S316	0.03885596	0.76277724	0.43108921
Q3B726	TWISTNB	HQEVQDQDPVFGSDSSGYQSDHK	S304	0.23594749	0.77757353	0.58536202
Q3B726	TWISTNB	HQEVQDQDPVFGSDSSGYQSDHKK	S300	0.37823292	0.84558278	0.67666227
Q3B726	TWISTNB	HQEVQDQDPVFGSDSSGYQSDHKK	S304	0.3959204	0.77206209	0.69247075
P40222	TXLNA	SSPGQPEAGPEGAQERPSQAAPAVEAEGPGSSQAPR	S35	0.70686629	0.92210526	0.86558861
P40222	TXLNA	RPEGPQAQAPSSPR	S514	0.71814488	1.06693257	0.87275421

P40222	TXLNA	SSPGQPEAGPEGAQERPSQAAPAVEAEGPGSSQAPR	S18	0.86659987	0.97034912	0.94208744
P40222	TXLNA	RPEGPQAQAPSSPR	S515	0.95975229	1.00692124	0.98250904
Q9NUQ3	TXLNG	NLVSPAYCTQESR	S105	0.10908751	0.72477772	0.51002233
Q9NUQ3	TXLNG	NLVSPAYCTQESR	S97	0.21626968	0.86988848	0.581405
P26368	U2AF2	EEHGLIRSPR	S79	0.46172461	1.36802705	0.72872974
Q15042	U2SURP	LYSILQGDSPTK	S485	0.89233156	1.038289	0.95225327
Q14157	UBAP2L	NPSDSAVHSPFTK	S416	0.09073997	0.79269329	0.49699004
Q14157	UBAP2L	RYPSSISSPQK	S607	0.18300748	0.88326996	0.55778752
Q14157	UBAP2L	STSA PQMSPGSSDNQSSSPQPAQQK	S477	0.2099532	0.73839009	0.57447755
Q14157	UBAP2L	RYPSSISSPQK	S609	0.58077628	0.8896816	0.79965185
Q14157	UBAP2L	STSA PQMSPGSSDNQSSSPQPAQQK	S470	0.88865623	1.02912621	0.94927317
Q969T4	UBE2E3	QRSDDESPSTSSGSDADQR	S8	0.50293277	0.84214191	0.75222795
Q9C0C9	UBE2O	GSSGCSEAGGAGHEEGRASPLR	S115	0.01522017	0.83222222	0.36631449
Q9C0C9	UBE2O	SIPLSIK	S515	0.17298022	1.32305795	0.54762923
Q13404	UBE2V1	LPQPPEGQCYSN	S146	0.14133089	1.25514977	0.52770768
O95155	UBE4B	SQSSEGVSSLSSPNSLETQSQSLSR	S76,S101	0.23629018	0.70894232	0.58536202
O95155	UBE4B	SQSMIDIGVSCCK	S105	0.48792942	1.05374122	0.74374863
Q9NPG3	UBN1	DRICSDDEEDEEK	S493	0.40268824	1.06727038	0.69805065
Q5T4S7	UBR4	HVTLPSPPR	S2719	0.12757534	1.13032132	0.5125107
Q5T4S7	UBR4	TSPADHGGVSGSEGGSAVDSVAGEHSVSGR	T2884	0.14863143	1.308298	0.5335371
Q5T4S7	UBR4	ELASPVSPELR	S178	0.17932686	1.18760697	0.55295852
Q5T4S7	UBR4	TSPADHGGVSGSEGGSAVDSVAGEHSVSGR	S2885	0.21749511	1.310848	0.58142167
O95071	UBR5	WLDGASFDNER	S327	0.57256035	1.13076601	0.79341911
Q8N806	UBR7	VEQNSEPCAGSSSEDLQTVFK	S263	0.16426724	1.18269699	0.54196083
Q14CS0	UBXN2B	LGSLTPEIVTSPSPEEEDK	S235	0.80694866	1.03827974	0.91598042
P15374	UCHL3	FLEESVSMSPPEER	S130	0.58978263	0.91439996	0.80381866
Q9HA47	UCK1	TFSEPGDHPGMLTSGK	S253	0.19818732	0.85302594	0.56975265
Q92890	UFD1L	FVAFSGEGQSLR	S299	0.11243576	1.29733378	0.51002233
Q92890	UFD1L	GVEPSPPIKPGDIK	S247	0.65286698	0.89120198	0.83782054
Q96T88	UHRF1	ERDSELSDDTSGCCLGQSESDK	S91	0.00884702	0.8748718	0.3318662
Q96T88	UHRF1	IERPGEPSMVDNPMR	S287	0.15888915	1.38161838	0.54012266
Q96T88	UHRF1	ERDSELSDDTSGCCLGQSESDK	T93	0.46007062	1.36542198	0.72775395
Q96T88	UHRF1	REEEEEQEGGFASPR	S639	0.96272107	1.009826	0.98250904
Q96PU4	UHRF2	RPISDDDCPSASK	S667	0.2996895	1.1007155	0.62653702
Q96RL1	UIMC1	VSPGMEEAGCSR	S653	0.08246323	1.2221472	0.49194574
P13051	UNG	APAGQEEPTPPSSPLSAEQQLDR	T60,S64	0.01194378	0.68762183	0.3634964
P13051	UNG	APAGQEEPTPPSSPLSAEQQLDR	T60,S63	0.08945815	0.64781944	0.4960359
P13051	UNG	APAGQEEPTPPSSPLSAEQQLDR	T60	0.1280269	0.76836158	0.5125107
P13051	UNG	HAPSPEPAVQGTGVAGVPEESGDAAPAK	S23	0.2610828	0.85573477	0.60088416
P13051	UNG	KAPAGQEEPTPPSSPLSAEQQLDR	T60,S64	0.62787253	1.09113436	0.8230644
Q9HAU5	UPF2	ENETDEENTEVMIK	T1088	0.58554291	0.88819876	0.80108627
O94763	URI1	SISCEEATCSDTSESILEEPPQENQK	S440	0.22304612	0.50521296	0.58267075
O94763	URI1	NSTGSGHSAQELPTIR	S372	0.31312886	0.93431856	0.63653708
O94763	URI1	KNSTGSGHSAQELPTIR	S372	0.5390566	1.1278374	0.77185823
O60763	US01	DLGHPVEEEDLESQDEDEDESEDPGK	S942	0.57014053	0.69477124	0.7913512
O94782	USP1	VEESSEISPEPK	S475	0.23096344	0.84751532	0.58402227
O94782	USP1	ASEIDQVVPAAQSSPINCCK	S66	0.42293204	0.88503133	0.71209747
Q14694	USP10	NHNSVNEEEQEQEGSEDEWEQVGR	S576	0.20916	0.60788973	0.57425546
P51784	USP11	YVTKPNSDDEDDGDEK	S648	0.12460506	1.16456494	0.5125107
Q9Y4E8	USP15	GASAATGIPLESDSDNDNDNIENENCMHTN	S961	0.6099965	0.86129376	0.81484419
Q9Y4E8	USP15	SPGASNFTLPK	S229	0.61885114	1.06363636	0.81882617
Q9UPU5	USP24	GGSTGGGGFDPPPAYHEVVDIAEK	T89	0.03247729	0.70601422	0.40879194
Q9P275	USP36	HSCSPMGDGDPEAMEESPR	S952	0.0876481	1.31505792	0.4960359
Q9P275	USP36	HSCSPMGDGDPEAMEESPRK	S952	0.77343136	1.02709832	0.89913137
Q53G59	USP39	EVEDSEPEREVR	S82	0.14607963	2.32040341	0.53170891
Q9H9J4	USP42	DSALAEPEGLSPAPPAR	S856	0.02200417	1.27462341	0.37964331
Q9H9J4	USP42	DAEPQPGSPAASLEEDPAAAGLSSTK	S754	0.50992869	1.10325753	0.75633887
Q96K76	USP47	ELEQHITQSDPENFQSEER	S933	0.0747041	1.14464232	0.47168775
Q92738	USP6NL	IEVLPVDTGAGGYSGNSGSPK	S714	0.88028585	1.031473	0.94646727
Q93009	USP7	AGEQQLSEPEDMEMEAGDTPDPPR	S18	0.33532645	1.13581731	0.65720257
P40818	USP8	SYSSPDITQAIQEEK	S716	0.16643284	0.79936432	0.54308896
P40818	USP8	RSYSSPDITQAIQEEK	S716	0.46270918	0.89402698	0.72897667
Q93008	USP9X	NGILAIEGTGSDDDDMSGDEK	S1600	0.67731187	0.8943745	0.8501977
Q9BVJ6	UTP14A	DSGSQEVLSLR	S453	0.09010448	1.43508669	0.4960359
Q9BVJ6	UTP14A	SELSQDAEPAGSQETK	S445	0.42847093	0.80655782	0.7137923
Q9BVJ6	UTP14A	RSELSQDAEPAGSQETK	S445	0.50177063	1.11740558	0.75168596
Q9BVJ6	UTP14A	SELSQDAEPAGSQETK	S437	0.54170162	0.73460877	0.77202382
Q9Y5J1	UTP18	VQEHEDSGDSEVENEAK	S121	0.0550635	1.79604395	0.45081948
Q9Y5J1	UTP18	VQEHEDSGDSEVENEAK	S121,S124	0.51666312	0.72172244	0.75941066
O75691	UTP20	SLSDNGQPGTDPADSGGTSK	T1741	0.47378664	1.0908558	0.73588623
Q9P0L0	VAPA	VAHSDKPGSTSTASFR	S214	0.13031391	1.3884437	0.5125107
O95292	VAPB	SLSSLDLDTVEK	S156	0.10563416	0.73007409	0.50572948
O95292	VAPB	SLSSLDLDTVEK	S158	0.98304112	0.99566361	0.99133812
P50552	VASP	SSSSVTTSETQPCTPSSSDYDLQR	S324	0.37711985	0.83540525	0.67666227
P52735	VAV2	FTSPADLDASGAGPGPK	S576	0.20338756	1.27638566	0.57104287
P18206	VCL	SLLDASEAIK	S721	0.01519412	0.54076204	0.36631449
P18206	VCL	DPSASPGDAGEQAIR	S290	0.08501743	1.21084337	0.49347121
P21796	VDAC1	LTFDSSFSPTNGK	S104	0.72785556	1.0524379	0.87523758
P45880	VDAC2	LTFDTSFSPNTGK	S115	0.58472214	1.12872323	0.80108627
P08670	VIM	SLYASSPGGVYATR	S56	0.03688649	0.76716654	0.42804252
P08670	VIM	DGQVINETSQHDDLE	S459	0.19186877	0.75902177	0.5651429

Q5THJ4	VPS13D	DYLTPTPPSPTVDEPK	T1761,T1767	0.0292008	1.4418594	0.40710444
Q8IV63	VRK3	GLNSSFETSPK	S59	0.00192962	0.66925338	0.29204389
Q7Z5K2	WAPAL	RPESPSEISPIK	S221	0.00124784	1.83004292	0.22363976
Q7Z5K2	WAPAL	RPESPSEISPIK	S221,S226	0.26871367	0.88467902	0.60403212
P23381	WARS	KL5FDQ	S467	0.45936245	1.15826773	0.72770675
Q8TBZ3	WDR20	SNSLPHSAVSNAGSK	S434	0.22797031	0.90899796	0.58267075
Q9UNX4	WDR3	GSSPGIQDTLEAEDGAFETDEAPEDR	S241	0.23554229	0.37176665	0.58536202
Q5JSH3	WDR44	EYVSNDAAQSDDEEK	S403	0.23217293	1.17910448	0.58402949
Q5JSH3	WDR44	SDTDTGVCSTGDEDPDDK	S574	0.35448834	0.82772732	0.66702539
Q9HG52	WDR55	TCEERPAEDGSDDEEDPDSMEAPTR	S14	0.79437021	0.95049505	0.91164649
Q6PJ9	WDR59	EAHLSPPWGESSPEELR	S821	0.12610993	0.85723582	0.5125107
Q9NW82	WDR70	TMFAQVESDDEEAK	S638	0.5598606	1.03143134	0.78458309
Q8IWA0	WDR75	VQDTSNTGLGEDIIHQLSK	S796	0.16379933	0.34317056	0.54196083
Q8N5D0	WDTC1	KDSISEDEMVL	S511	0.65234762	1.06819723	0.83776808
O96028	WHSC1	IQDPTDEAAEADTPR	T544	0.13049092	0.70601924	0.5125107
O95785	WIZ	SPQLLSRPPASP	S1012,S1017	0.91480809	1.00731618	0.96462519
Q9H4A3	WNK1	EKPELSEPHLNGPSSDPEAAFLSR	S2012	0.13771505	0.37818998	0.52409548
Q9BUR4	WRAP53	TLETQLAPDCCPSDQPAPAHPPSPHAPMKNK	S26,S30	0.50128844	0.76615288	0.75168596
Q96555	WRNIP1	QPATPTAAESSEGEEGEDDGGGETESR	S92	0.01567558	1.48246844	0.36631449
Q96555	WRNIP1	RLSESSALK	S75	0.45823098	1.36080786	0.72748678
Q15007	WTAP	EGNTTDDFPSSPGNGNK	S306	0.37549018	1.11143749	0.67596613
Q9C0E2	XPO4	HQQQLLASPGSSTVDNK	S521	0.13537566	0.92139571	0.52141517
Q9UBH6	XPR1	YNQ5ISLR	S668	0.0571619	1.35276935	0.45298462
P18887	XRCC1	TKPTQAAAGPSSPQKPPTEETK	T453,S447	0.9228335	0.97777132	0.96716763
Q9H0D6	XRN2	NSPGSQVASNPR	S448	0.09478388	1.46261682	0.5018786
Q9H0D6	XRN2	AEDSDSEPEPEDNVR	S499	0.82750108	1.02731181	0.9253097
Q8IY57	YAF2	SPPASAAASADQHSQSGSSSDNTER	S136	0.60639061	0.93639038	0.81240705
P46937	YAP1	QASTDAGTAGALTPQHVR	S109	0.35522307	0.85927293	0.66702539
P67809	YBX1	NYQQNYQNSESGEK	S165	0.0071879	0.30333906	0.31708848
P67809	YBX1	NEGSESAPEGQAQQR	S174	0.04522578	0.61392241	0.44340907
P67809	YBX1	AADPPAENSSAPEAQGGAE	S314	0.34676016	1.15233582	0.66293814
P67809	YBX1	NEGSESAPEGQAQQR	S176	0.65402128	1.0507867	0.8383178
P67809	YBX1	NEGSESAPEGQAQQR	S174,S176	0.79688858	1.04794054	0.91333498
P16989	YBX3	ENQQATSGPNQPSVR	S324	0.25695977	1.42830214	0.59892773
P16989	YBX3	AGEAPTENPAPPTQSSAE	S369	0.3185856	1.23631327	0.63900857
Q9ULM3	YEATS2	GGHMIASVPQK	S627	0.40335011	0.84066261	0.69844738
Q9ULM3	YEATS2	FLESPSR	S118	0.55864276	0.94786497	0.78321666
Q86U90	YRDC	LPGSGAVQAASPER	S60	0.91505383	1.01399756	0.96462519
Q96MU7	YTHDC1	GISPIVFDR	S308	0.6929672	1.05612088	0.85860808
Q9H6S0	YTHDC2	SSADTEFSDECTTAER	S1202	0.26419923	0.63636293	0.60276289
Q9H6S0	YTHDC2	VDGIPNDSSDSEMEDK	S1092	0.41633648	1.18845059	0.70812712
Q9H6S0	YTHDC2	KSSADTEFSDECTTAER	T1205	0.41649955	1.11782609	0.70812712
Q9H6S0	YTHDC2	KSSADTEFSDECTTAER	S1202	0.89870582	0.98877375	0.95652424
P25490	YY1	EEVVGDDSDGLR	S118	0.22202827	0.76645343	0.58267075
P86452	ZBED6	SESPIPVAEQGTLMR	S381	0.22988841	1.39392572	0.58267075
Q9Y2K1	ZBTB1	KSSTVESEIASEEK	T306	0.31069045	0.75223825	0.63653708
Q9Y2K1	ZBTB1	KSSTVESEIASEEK	S305	0.75129326	1.05403685	0.88774061
Q9ULJ3	ZBTB21	TEPSSPLSDPSDIIR	S435	0.24795409	1.22776166	0.59295766
Q9ULJ3	ZBTB21	IQPLEPDSPTGLSENPTPATEK	S1003	0.40136462	1.20230106	0.69687959
Q9NUA8	ZBTB40	AETEEAAHSVQSQEMSVNSPTAQESQR	T192	0.2975295	1.17460914	0.62494294
O95365	ZBTB7A	GGAPDPSPGATATPGAPQSPSPDAR	S526	0.55823491	1.11074561	0.78304897
Q96GY0	ZC2HC1A	GIEGHSPGNLPK	S292	0.37881341	0.77888999	0.67666227
O75152	ZC3H11A	TVLPTVPESPEEEVK	S108	0.34016601	1.0945083	0.65987705
O75152	ZC3H11A	VQQSSESSTSSPQHEATPGAR	S495	0.37431625	1.21598234	0.67596613
Q5T200	ZC3H13	GNIETTSDEGGVFSFK	S993	0.11650982	0.83106657	0.51002233
Q5T200	ZC3H13	SLSPSHLTEDR	S877	0.66017613	1.04831625	0.84212266
Q5T200	ZC3H13	GNIETTSDEGGVFSFK	S993	0.90757202	1.03123569	0.96057327
Q5T200	ZC3H13	GRPTSPPPPPIEDIALGK	T263,S265	0.92468753	1.01997973	0.96756561
Q6PJ77	ZC3H14	NGDECAYHHPIPSCK	S620	0.82600748	0.97544022	0.92458845
Q6PJ77	ZC3H14	DLVQPDPKASP	S515	0.95173237	0.99560287	0.97935842
Q8WU90	ZC3H15	AENGERSDLEEDNER	S381	0.74973023	0.97741148	0.88724495
Q86VM9	ZC3H18	GPSQEEEDNHSDEEDRASEPK	S67	0.07000746	1.1719191	0.4637455
Q86VM9	ZC3H18	TSDLRDEASSVTR	S118	0.07709452	1.25920845	0.48171963
Q86VM9	ZC3H18	DSGSDQDLGAGVRASDLEDEESAAR	S46	0.15282623	0.87423935	0.53741649
Q86VM9	ZC3H18	LGVSVPSPR	S534	0.25833446	1.25264055	0.5989986
Q86VM9	ZC3H18	ASDLEDEESAAR	S46	0.58367894	0.95092025	0.80091377
Q86VM9	ZC3H18	GPTSSPCEEEDGEGEEDR	S95	0.78578576	1.09565217	0.90663264
Q86VM9	ZC3H18	SQDQDSEVNELSR	S78	0.85452246	0.97687456	0.93683196
Q8IXZ2	ZC3H3	DHASQLSPVLSR	S408	0.89864711	1.024112	0.95652424
Q9UP78	ZC3H4	TGSGSPFAGNSPAR	S1269,S1275	0.49562595	0.84968512	0.74968842
Q7Z2W4	ZC3HAV1	ASLEDAPVDLDR	S284	0.11203038	0.7943564	0.51002233
Q86WB0	ZC3HC1	SWDSSSPVDRPEPEAASPTR	S359,S370	0.0471152	0.82645685	0.44612288
Q86WB0	ZC3HC1	SWDSSSPVDRPEPEAASPTR	T372	0.25580533	1.13007614	0.59776597
Q86WB0	ZC3HC1	SQDATFSPGSEQAEK	S335	0.53181863	0.94040968	0.76797086
Q86WB0	ZC3HC1	SMGTGDTPLGLEVPSSPLR	S395	0.58532093	0.82474067	0.80108627
Q6NZY4	ZCCHC8	SEAGHASSPDSEVTSLCQK	S597	0.07966994	1.1127451	0.48728698
Q6NZY4	ZCCHC8	SEAGHASSPDSEVTSLCQK	S598	0.20070648	1.10550997	0.56975265
Q9NUE0	ZDHHC18	DCEYQISPGAALPASPGAR	S19	0.33560431	0.85670732	0.65720257
Q9C0B5	ZDHHC5	GVGSPPEPGPTAPYLGR	S621	0.19410573	0.85564854	0.56554204
Q9C0B5	ZDHHC5	GD5LKEP5T5IAESSR	S380	0.3158403	1.34749035	0.63800725
O76080	ZFAND5	MSPMGTAGSNSPTSASVQR	S48	0.56480417	1.17723713	0.78808749

O60293	ZFC3H1	RISTSILSEK	S352	0.57747116	1.05190989	0.7967435
Q96KR1	ZFR	RDSGDVDGFEAEGK	S1054	0.14934879	0.8253128	0.53498933
Q96KR1	ZFR	DSGDVDGFEAEGK	S1054	0.22965654	0.88035252	0.58267075
Q7Z3T8	ZFYVE16	NEIIQSPISQVPSVEK	S939	0.17874171	0.72131912	0.55295852
Q96K21	ZFYVE19	LPDSDDDDEEETAIR	S354	0.1865917	0.85707011	0.55994868
Q9UKY1	ZHX1	EAGETSPADESAPK	S648	0.19765383	1.2900008	0.56896197
Q14202	ZMYM3	TGSPGPELLFHGQQK	S464	0.95161661	1.00961539	0.97935842
Q5VZL5	ZMYM4	RVTQHESDNENEIQQNK	S122	0.19459134	1.75930603	0.56554204
Q5VZL5	ZMYM4	SIVAVEPR	S1181	0.42842033	0.87735657	0.7137923
Q5VZL5	ZMYM4	VTQHESDNENEIQQNK	S122	0.88986167	1.0093361	0.95024619
Q9ULU4	ZMYND8	SPMSTNSSVHTGSDVEQDAEK	S444	0.00656103	1.38449662	0.31708848
Q9ULU4	ZMYND8	RISLSDMPR	S425	0.46595285	0.87780262	0.73040295
Q9ULU4	ZMYND8	LNFDMTASPK	S406	0.88393288	1.02209945	0.94767945
Q9H2Y7	ZNF106	ENSPSSQASAGLSSINK	S1281	0.03502158	0.73876206	0.42085354
Q9H2Y7	ZNF106	EPHSPADQPEQQAESTLTAETR	S1328	0.11060079	0.82642613	0.51002233
Q9H2Y7	ZNF106	SPLLPCATK	S452	0.16064106	0.74300099	0.54196083
Q9H2Y7	ZNF106	GNSGSEACTSSFLR	S1302	0.16911315	0.84572233	0.54531589
Q9H2Y7	ZNF106	SLSSESVIMDR	S861	0.43731199	0.91304417	0.71982749
Q9H2Y7	ZNF106	ELSTSPCNPIVR	S641	0.66015773	0.9309754	0.84212266
Q9UQR1	ZNF148	GLLSTSEEDSGFSTSPK	S306	0.40496139	1.05745721	0.6993632
O15231	ZNF185	GGQGDPAVPAQPADPSTPERQSSPSGSEQLVR	S446,S455	0.08850758	2.62878732	0.4960359
O15231	ZNF185	ESCGSSVLTDFEGK	S465	0.16719019	0.88673007	0.54315766
O15231	ZNF185	RSSTSGDTEEEEEVVPFSSDEQK	T158,S155	0.20264919	0.3905175	0.57092431
O15231	ZNF185	GGQGDPAVPTQQPADPSTPEQQNSPSGSEQFVR	S519	0.21675333	1.23732041	0.58142167
O15231	ZNF185	GGQGDPAVPTQQPADPSTPEQQNSPSGSEQFVR	T513	0.2923915	1.24151104	0.62260296
O15231	ZNF185	RSSTSGDTEEEEEVVPFSSDEQK	T154	0.35817069	1.08881897	0.66983109
O15231	ZNF185	QSSPSGSEQLVR	S453	0.45638018	1.09947644	0.72561974
O15231	ZNF185	GGQGDPAVPTQQPADPSTPEQQNSPSGSEQFVR	T513,S519	0.48807063	1.05425401	0.74374863
O15231	ZNF185	GGQGDPAVPAQPADPSTPER	T447	0.72297592	1.02194587	0.87410666
O15231	ZNF185	SSTSGDTEEEEEVVPFSSDEQK	S155	0.7361484	1.02545455	0.87923537
O15231	ZNF185	RESCGSSVLTDFEGK	S465	0.98082092	0.99775449	0.99052277
O75362	ZNF217	AGAESPMSVDGR	S407	0.06440959	1.37403846	0.46076126
Q8ND82	ZNF280C	SEPHSPGIPEFR	S80	0.97546477	0.99395944	0.98795929
Q5VUA4	ZNF318	SPGLCSDSLEK	S136	0.13093579	0.91935484	0.5125107
Q5VUA4	ZNF318	IPSPNLIK	S2101	0.3460475	1.24064681	0.66293814
Q5VUA4	ZNF318	LCSPLEPGDPSK	S2189	0.79899875	0.95832467	0.91398245
Q5VUA4	ZNF318	SFPDIEDEEK	S527	0.99467221	1.00097087	0.99524397
Q5BKZ1	ZNF326	GENPFQIDHSQDQJEGDEEDEEK	S478	0.79101391	0.94282946	0.90941229
Q9NWS9	ZNF446	TEEPLGSPHSGTVESPGEGPQDTR	S137	0.23752518	1.20154423	0.58537527
Q96JM2	ZNF462	VSPVPLSGAAAGTEQK	S2172	0.28533767	1.19986368	0.61903114
Q8TCN5	ZNF507	LSPTSNTSYSLEK	S884	0.18598329	0.78734526	0.55994868
Q8TCN5	ZNF507	AQQCVSPSSSLCR	S197	0.74781926	0.94014449	0.88634115
Q8NB15	ZNF511	SRSPASAEAPGDSGER	S183	0.33734793	1.11501468	0.65781985
Q8NB15	ZNF511	SPASAEAPGDSGERSEGEAMEICSEVAASPAPAGER	S199	0.88281507	0.9498778	0.94748969
Q96KM6	ZNF512B	SEHTAPPPEPTDKSPEAEDPLGVER	S665	0.00957691	1.21654676	0.33581626
Q96KM6	ZNF512B	SEHTAPPPEPTDKSPEAEDPLGVER	T662	0.02405115	1.22261072	0.39586233
Q96KM6	ZNF512B	SPEAEDPLGVER	S665	0.64358133	0.90088527	0.83080967
Q9HCE3	ZNF532	AADKSPESQNLIDGTK	S314	0.27538853	1.46891999	0.60849547
Q7Z340	ZNF551	DILPAAEHQTTSPVQK	S126	0.26197777	0.86370735	0.60088416
Q8NAF0	ZNF579	ESESEEAAGAAELR	S194	0.39417771	0.82608639	0.69109635
Q92610	ZNF592	LLGPAPEDDGGHNDHSQPQASQDQDQSHLSPQV	S1264	0.96995933	1.00497999	0.98671573
O15014	ZNF609	FCDSPTSLEMR	S358	0.12094454	1.24422286	0.51002233
O15014	ZNF609	LVEPHSPSPSSK	S576	0.46779275	1.12576028	0.73186198
O15014	ZNF609	TNSMGSATGPLPGTK	S467	0.91089299	1.01657941	0.96250926
Q8N1G0	ZNF687	QESCPHHPQVLAQQGSGSSPK	S227,S241	0.01023834	1.15873016	0.34797246
Q8N1G0	ZNF687	TQSSLVEAFNK	S495	0.05690956	1.65066431	0.45298462
Q8N1G0	ZNF687	HGLQLGAQSPGR	S1057	0.35431811	1.10348977	0.66702539
Q8N1G0	ZNF687	AVVLPGGTATSPK	T432	0.5990808	1.13451605	0.80897223
Q9H5H4	ZNF768	YEPQSPGYEPR	S125	0.16652342	1.19458304	0.54308896
Q9H5H4	ZNF768	FEPESPGFESR	S83	0.20488139	1.21146398	0.57194083
Q9H5H4	ZNF768	SPGLVPPSPPEFAPR	S90,S97	0.62637408	1.03658869	0.82174981
Q17R98	ZNF827	TTTSPFFSEDTFR	S760	0.41546614	0.90015775	0.70812712
P51523	ZNF84	SNSEGLDLGLILK	S128	0.17929781	1.15599069	0.55295852
O95218	ZRANB2	YNLDASEEEDSNKK	S188	0.05973396	1.19775596	0.45298462
O95218	ZRANB2	LDEDEDDADLSK	S181	0.06913608	0.72208202	0.4637455
O95218	ZRANB2	YNLDASEEEDSNK	S188	0.12871802	1.06263858	0.5125107
O95218	ZRANB2	EESDGEYDEFGR	S120	0.25966911	0.68453313	0.59994392
O95218	ZRANB2	ENVEYIEREESDGEYDEFGR	S120	0.28304291	0.35832106	0.61775486
O95218	ZRANB2	EVEDKESEGEEDDEDLSK	S153	0.70778184	0.9210573	0.86558861
O95218	ZRANB2	EESDGEYDEFGRK	S120	0.75938046	0.95595432	0.88966056
Q15696	ZRSR2	DIYLSPR	S349	0.15246732	1.13601497	0.53741649
Q8IYW8	ZSCAN29	ARSPDLGPQEQMNP	S153	0.22201901	1.18278539	0.58267075
Q15942	ZYX	FSPGAPGGSGSQPNQK	S281	0.29892783	0.85847666	0.62631205
Q15942	ZYX	SPGAPGPLTLK	S344	0.46618093	0.9141256	0.73040295
O43149	ZZEF1	GDREEEVERPVSSPGDPEQK	S2444	0.0931097	1.18298418	0.5018786
Q8IYH5	ZZZ3	QTEPVSPVLK	S113	0.20130151	0.82540213	0.57014809
Q8IYH5	ZZZ3	RQTEPVSPVLK	S113	0.45373209	0.9039237	0.72537341