Supplementary Table SI. The list of proteins identified in ASC-pulled down complexes after treatments

Gene symbol	Accession No.	Protein name	Protein probability	No. of identified peptides	Percent coverage %	iTRAQ ratio						Spectrum No. for quantification	Peptide sequence	Peptide probability	Mascot score			Charge	Actual peptide mass	Caculated peptide mass	Observed m/z	Error (AMU)	Error (ppm)	iTRAQ reporter intensity				Peptide for quantification
						H_2O_2/UN (116/114)	SD	dAdT/UN (117/114)	SD	EBER/UN (115/114)	SD				ion score	Identity score	Homology score							114	115	116	117	
A2M	P01023	Alpha-2-macroglobulin	1.00	5	4.2	1.06	0.19	0.97	0.15	0.98	0.20	17	GEAFTLK	0.87	31.57	27.79	26.94	2	1052.6066	1052.6110	527.3128	-0.0044	-4.1721	83.80	89.49	86.10	102.79	Yes
													GEAFTLK	0.96	37.79	27.19	40.21	2	1052.6086	1052.6110	527.3128	-0.0024	-2.2757	131.80	154.02	165.05	142.20	Yes
													GEAFTLK	0.75	22.15	27.19	26.57	2	1052.6088	1052.6110	527.3128	-0.0022	-2.0861	56.63	46.55	55.17	48.11	Yes
													QQNAQGGFSSTQDTVVALHALSK	0.52	95.17	26.20	108.17	3	2674.3921	2674.3918	892.4712	0.0003	0.1120	182.06	203.29	192.42	186.56	Yes
													YGAATFTR	1.00	40.53	27.17	31.35	2	1029.5362	1029.5365	515.7755	-0.0003	-0.2908	15456.29	23899.03	22662.78	23109.87	Yes
													YGAATFTR	1.00	42.98	27.12	31.40	2	1029.5366	1029.5365	515.7755	0.0001	0.0969	10639.01	14566.08	14258.25	12328.91	Yes
													YGAATFTR	1.00	41.71	27.08	31.30	2	1029.5368	1029.5365	515.7755	0.0003	0.2908	7856.89	10838.01	11791.85	10434.15	Yes
													YGAATFTR	0.99	35.00	27.14	30.73	2	1029.5372	1029.5365	515.7755	0.0007	0.6786	2212.41	3119.75	2926.86	2734.02	Yes
													ATVLNYLPK	1.00	43.34	24.90	25.03	2	1305.7896	1305.7900	653.9023	-0.0004	-0.3059	2048.25	2362.51	2557.82	2715.99	Yes
													ATVLNYLPK	1.00	26.62	24.84	22.34	3	1305.7900	1305.7900	436.2706	0.0000	0.0000	289.55	311.58	248.97	336.99	Yes
													ATVLNYLPK	1.00	43.44	23.78	27.87	2	1305.7910	1305.7900	653.9023	0.0010	0.7646	5135.42	5363.55	6514.51	6095.66	Yes
													ATVLNYLPK	0.98	21.44	24.01	20.49	3	1305.7921	1305.7900	436.2706	0.0021	1.6045	518.33	450.70	522.44	551.59	Yes
													YGAATFTR	1.00	38.97	27.14	30.43	2	1029.5370	1029.5365	515.7755	0.0005	0.4847	997.36	1392.69	1282.20	1218.32	Yes
													YGAATFTR	0.99	38.91	27.02	30.39	2	1029.5382	1029.5365	515.7755	0.0017	1.6480	603.63	819.11	814.08	829.69	Yes
													ATVLNYLPK	1.00	58.06	24.90	31.97	2	1305.7898	1305.7900	653.9023	-0.0002	-0.1529	1244.26	1416.44	1479.82	1551.37	Yes
													ATVLNYLPK	1.00	49.23	24.49	26.24	2	1305.7904	1305.7900	653.9023	0.0004	0.3059	2201.01	2662.37	2456.39	2668.39	Yes
													ATVLNYLPK	0.80	13.17	23.82	19.54	3	1305.7915	1305.7900	436.2706	0.0015	1.1461	113.33	144.74	168.07	118.38	Yes
													ALLAYAFALAGNQDK	0.98	23.12	26.24	15.18	3	1853.0302	1853.0290	618.6836	0.0012	0.6465	21.81	13.04	25.80	25.66	No
													ALLAYAFALAGNQDK	0.98	22.48	26.23	15.68	3	1853.0305	1853.0290	618.6836	0.0015	0.8082	7.91	6.18	5.51	9.18	No
													ALLAYAFALAGNQDK	1.00	35.84	26.33	16.39	3	1853.0314	1853.0290	618.6836	0.0024	1.2931	13.43	10.53	12.06	19.04	No
													ALLAYAFALAGNQDK	1.00	56.88	25.94	16.74	2	1853.0328	1853.0290	927.5218	0.0038	2.0485	6.49	4.50	5.33	6.44	No
													ALLAYAFALAGNQDK	0.52	40.53	26.31	53.53	3	1853.0293	1853.0290	618.6836	0.0003	0.1616	31.23	19.86	16.27	16.39	No
													ALLAYAFALAGNQDK	0.97	30.83	25.63	15.48	3	1853.0359	1853.0290	618.6836	0.0069	3.7176	14.06	16.45	18.59	7.91	No
ACACB	O00763	Acetyl-CoA carboxylase 2	1.00	2	0.6	0.59	0.01	0.79	0.02	0.69	0.04	2	ITIGNK	0.71	18.12	27.87	27.76	2	932.5902	932.5898	467.3022	0.0004	0.4280	12052.21	9591.30	8293.46	11551.19	Yes
													ITIGNK	0.59	18.04	27.87	23.71	2	932.5904	932.5898	467.3022	0.0006	0.6420	8123.60	6951.64	5449.55	7973.31	Yes
													MGAMVAFR	0.84	18.36	25.19	21.49	2	1057.5168	1057.5171	529.7658	-0.0003	-0.2831	22.74	79.94	8.68	41.28	No
ACTA2	P62736	Actin, aortic smooth muscle	1.00	10	31.9	1.02	0.24	1.15	0.26	0.91	0.39	51	CDVDIR	0.99	32.59	23.71	34.24	2	909.4170	909.4170	455.7158	0.0000	0.0000	205.87	245.32	262.52	315.80	Yes
													CDVDIR	0.96	32.89	24.35	34.63	2	909.4194	909.4170	455.7158	0.0024	2.6332	228.82	343.58	347.92	404.59	Yes
													CDVDIR	0.84	19.04	23.89	24.37	2	909.4178	909.4170	455.7158	0.0008	0.8777	18.32	18.31	13.50	26.76	No
													CDVDIR	0.74	16.65	23.82	22.73	2	909.4182	909.4170	455.7158	0.0012	1.3166	23.78	28.67	33.30	26.86	No
													CDVDIR	0.83	21.44	23.78	26.36	2	909.4186	909.4170	455.7158	0.0016	1.7555	21.13	30.59	19.66	38.17	No
													DLTDYLMK	1.00	52.43	27.77	21.53	2	1285.6838	1285.6832	643.8489	0.0006	0.4659	4478.29	3947.85	4220.88	5964.96	Yes
													DLTDYLMK	1.00	59.89	27.75	22.77	2	1285.6844	1285.6832	643.8489	0.0012	0.9319	6123.93	5991.93	5461.82	8870.03	Yes
													SYELPDGQVITIGNER	1.00	70.52	27.84	17.73	2	1933.9848	1933.9867	968.0006	-0.0019	-0.9814	573.07	596.17	690.50	1012.62	Yes
													CDVDIRK	0.91	28.22	27.60	18.12	2	1181.6156	1181.6140	591.8143	0.0016	1.3518	1594.90	2483.21	2588.32	2818.83	Yes
													DLTDYLMK	1.00	63.46	27.84	23.94	2	1285.6860	1285.6832	643.8489	0.0028	2.1744	7004.22	6723.91	6394.59	9724.05	Yes
													IIAPPER	0.96	24.12	23.42	27.42	2	938.5684	938.5671	470.2908	0.0013	1.3821	48094.44	64434.63	64024.48	77228.96	Yes
													IIAPPER	0.88	24.06	25.09	26.76	2	938.5692	938.5671	470.2908	0.0021	2.2327	59783.59	72224.01	72725.11	91693.41	Yes
													IIAPPER	0.97	25.44	24.52	28.03	2	938.5672	938.5671	470.2908	0.0001	0.1063	6693.50	7723.19	7495.66	11040.82	Yes
													IIAPPER	0.97	25.18	24.52	27.89	2	938.5672	938.5671	470.2908	0.0001	0.1063	22700.66	27204.53	24491.08	33551.11	Yes
													IIAPPERK	1.00	33.79	21.21	26.11	3	1210.7641	1210.7641	404.5953	0.0000	0.0000	9504.72	11352.89	12632.23	14633.40	Yes
													HQGVMVGMGQK	0.98	28.55	28.09	19.17	3	1474.7611	1474.7628	492.5949	-0.0017	-1.1504	501.95	371.34	382.01	553.81	Yes
													HQGVMVGMGQK	0.61	16.32	28.20	15.62	3	1474.7620	1474.7628	492.5949	-0.0008	-0.5414	146.46	122.96	152.71	135.01	Yes
													TTGIVMDSGDGVTHTVPIYEGYALPHAILR	1.00	35.67	26.46	21.21	4	3182.6169	3182.6071	796.6591	0.0098	3.0753	77.00	91.53	33.77	36.93	No
													IIAPPER	0.94	25.50	23.42	28.12	2	938.5688	938.5671	470.2908	0.0017	1.8074	6156.85	7188.74	7010.67	9608.11	Yes
													IIAPPERK	1.00	31.79	21.24	23.93	3	1210.7644	1210.7641	404.5953	0.0003	0.2472	14127.50	12879.89	19094.69	21712.16	Yes
													IIAPPERK	1.00	34.19	21.55	26.78	3	1210.7650	1210.7641	404.5953	0.0009	0.7415	9103.24	10348.55	11826.23	13782.18	Yes
													IIAPPERK	1.00	34.50	20.97	22.06	2	1210.7650	1210.7641	606.3893	0.0009	0.7421	75.66	68.38	116.08	120.00	Yes
													IIAPPERK	0.98	24.04	20.97	15.31	2	1210.7656	1210.7641	606.3893	0.0015	1.2368	136.22	163.01	151.75	166.87	Yes
													HQGVMVGMGQK	1.00	53.80	28.14	26.96	2	1458.7662	1458.7679	730.3912	-0.0017	-1.1638	4940.89	6447.88	6170.81	7510.64	Yes
													HQGVMVGMGQK	1.00	51.70	28.43	21.79	2	1458.7672	1458.7679	730.3912	-0.0007	-0.4792	4713.89	4978.58	6092.94	6689.96	Yes
													HQGVMVGMGQK	1.00	29.61	28.39	15.11	3	1458.7684	1458.7679	487.2632	0.0005	0.3420	3453.60	3915.84	4061.89	5301.36	Yes
													HQGVMVGMGQK	0.89	22.81	28.37	18.38	3	1458.7720	1458.7679	487.2632	0.0041	2.8048	11402.08	14122.88	16523.55	21898.42	Yes
													HQGVMVGMGQK	0.99	29.03	28.18	25.12	3	1474.7623	1474.7628	492.5949	-0.0005	-0.3383	648.81	1696.72	827.51	936.17	No
													HQGVMVGMGQK	1.00	30.92	28.23	20.92	3	1474.7626	1474.7628	492.5949	-0.0002	-0.1353	678.66	1524.03	934.05	1174.36	Yes
													HQGVMVGMGQK	1.00	32.29	28.33	21.90	3	1458.7672	1458.7679	487.2632	-0.0007	-0.4789	521.68	641.41	587.96	857.98	Yes
													HQGVMVGMGQK	1.00	31.03	28.43	17.01	3	1458.7693	1458.7679	487.2632	0.0014	0.9577	580.38	558.69	547.84	633.60	Yes
													TTGIVMDSGDGVTHTVPIYEGYALPHAILR	1.00	78.90	25.33	91.90	4	3326.7169	3326.7091	832.6846	0.0078	2.3418	393.10	464.24	530.24	415.80	Yes
													TTGIVMDSGDGVTHTVPIYEGYALPHAILR	1.00	65.86	25.31	78.86	4	3326.7177	3326.7091	832.6846	0.0086	2.5820	281.42	321.31	463.54	497.30	Yes
													TTGIVMDSGDGVTHTVPIYEGYALPHAILR	1.00	54.51	25.73	16.47	4	3342.7077	3342.7040	836.6833	0.0037	1.1056	109.94	60.85	97.83	119.38	Yes
													GILTLK	0.83	37.82	17.16	38.87	2	931.6354	931.6310	466.8228	0.0044	4.7127	23366.00	24136.44	26869.59	34011.23	Yes
													GILTLK	0.77	37.66	17.16	38.55	2	931.6364	931.6310	466.8228	0.0054	5.7837	23428.49	18188.14	21384.15	29481.94	Yes
													TTGIVMDSGDGVTHTVPIYEGYALPHAILR	1.00	61.58	25.77	74.58	4	3326.7061	3326.7091	832.6846	-0.0030	-0.9007	101.95	109.50	162.04	163.28	Yes
													TTGIVMDSGDGVTHTVPIYEGYALPHAILR	1.00	66.22	25.73	17.74	4	3326.7081	3326.7091	832.6846	-0.0010	-0.3002	25.65	55.88	26.66	9.63	No
													TTGIVMDSGDGVTHTVPIYEGYALPHAILR	1.00	79.36	25.73	92.36	4	3342.7061	3342.7040	836.6833	0.0021	0.6275	113.31	171.75	78.52	121.75	No
													TTGIVMDSGDGVTHTVPIYEGYALPHAILR	1.00	56.52	25.73	69.52	4	3342.7061	3342.7040	836.6833	0.0021	0.6275	349.73	398.46	320.98	400.07	Yes
													GILTLK	0.76	38.34	17.16	39.34	2	931.6364	931.6310	466.8228	0.0054	5.7837	33602.67	28938.16	37483.62	44311.28	Yes
													GILTLK	0.79	38.35	17.16	39.38	2	931.6382	931.6310	466.8228	0.0072	7.7116	35027.06	32443.24	36632.15	49027.59	Yes
													TTGIVMDSGDGVTHTVPIYEGYALPHAILR	1.00	81.45	25.77	94.45	4	3326.7061	3326.7091	832.6846	-0.0030	-0.9007	75.91	51.12	80.66	77.03	Yes
													TTGIVMDSGDGVTHTVPIYEGYALPHAILR	1.00	64.23	25.73	77.23	4	3326.7077	3326.7091	832.6846	-0.0014	-0.4203	6.79	75.31	60.00	64.20	No

													TTGIVMDSGDGVTHTVPIYEGYALPHAILR	1.00	85.40	25.72	98.40	4	3326.7085	3326.7091	832.6846	-0.0006	-0.1801	137.61	137.93	151.45	250.12	Yes
													TTGIVMDSGDGVTHTVPIYEGYALPHAILR	1.00	76.99	25.85	89.99	4	3342.6997	3342.7040	836.6833	-0.0043	-1.2848	107.24	138.98	174.57	166.79	Yes
													GILTLK	0.98	38.38	17.16	39.41	2	931.6324	931.6310	466.8228	0.0014	1.4995	15962.12	13687.22	15178.16	19992.91	Yes
													GILTLK	0.96	38.20	17.16	39.24	2	931.6334	931.6310	466.8228	0.0024	2.5706	12395.35	12002.51	11662.06	18375.25	Yes
													TTGIVMDSGDGVTHTVPIYEGYALPHAILR	1.00	46.18	25.44	59.18	4	3326.7105	3326.7091	832.6846	0.0014	0.4203	21.28	39.07	55.29	68.23	No
													TTGIVMDSGDGVTHTVPIYEGYALPHAILR	1.00	66.08	25.85	79.08	4	3342.6997	3342.7040	836.6833	-0.0043	-1.2848	49.85	59.85	51.91	69.67	Yes
													GILTLK	0.99	31.16	17.16	27.62	2	931.6300	931.6310	466.8228	-0.0010	-1.0711	2031.28	1734.36	2034.29	2513.41	Yes
													GILTLK	0.98	28.79	17.16	32.77	2	931.6308	931.6310	466.8228	-0.0002	-0.2142	1114.71	1171.92	1325.46	1417.21	Yes
													HQGVMVGMGQK	0.50	21.87	27.85	22.76	3	1474.7590	1474.7628	492.5949	-0.0038	-2.5714	44.61	72.69	48.73	51.80	Yes
													HQGVMVGMGQK	0.72	16.12	28.23	17.19	3	1474.7626	1474.7628	492.5949	-0.0002	-0.1353	9.90	8.62	10.90	6.72	No
													IWYHTFYNELR	0.85	29.74	27.19	16.28	3	1540.7581	1540.7463	514.5894	0.0118	7.6436	134.28	407.90	256.15	279.56	Yes
													IWYHTFYNELR	0.95	33.80	27.19	16.74	3	1540.7581	1540.7463	514.5894	0.0118	7.6436	67.37	447.18	182.23	120.32	No
													HQGVMVGMGQK	1.00	33.75	28.23	23.79	3	1474.7629	1474.7628	492.5949	0.0001	0.0677	61.46	97.90	89.32	107.79	Yes
													HQGVMVGMGQK	0.53	27.51	28.23	20.00	3	1474.7629	1474.7628	492.5949	0.0001	0.0677	19.28	48.63	39.50	37.48	No
													HQGVMVGMGQK	0.79	34.49	28.21	21.69	3	1474.7632	1474.7628	492.5949	0.0004	0.2707	12.91	22.91	23.79	23.88	No
													IIAPPER	0.96	25.48	24.52	28.12	2	938.5676	938.5671	470.2908	0.0005	0.5316	283.26	343.69	321.48	414.02	Yes
													IIAPPER	0.77	16.92	23.56	26.58	2	938.5682	938.5671	470.2908	0.0011	1.1695	82.94	77.36	81.77	95.86	Yes
													HQGVMVGMGQK	1.00	33.74	28.08	21.77	3	1474.7614	1474.7628	492.5949	-0.0014	-0.9474	99.69	75.56	102.97	132.24	Yes
													HQGVMVGMGQK	0.67	17.14	28.18	16.37	3	1474.7623	1474.7628	492.5949	-0.0005	-0.3383	8.85	13.72	11.91	15.70	No
													HQGVMVGMGQK	1.00	32.55	28.23	26.67	3	1474.7626	1474.7628	492.5949	-0.0002	-0.1353	75.16	94.55	104.93	87.49	Yes
													HQGVMVGMGQK	0.99	28.49	28.23	21.80	3	1474.7626	1474.7628	492.5949	-0.0002	-0.1353	9.36	24.92	23.57	11.21	No
													HQGVMVGMGQK	0.97	23.37	28.11	14.52	3	1490.7580	1490.7578	497.9265	0.0002	0.1339	7.40	0.30	8.64	10.41	No
													HQGVMVGMGQK	0.58	31.83	28.18	19.49	3	1474.7623	1474.7628	492.5949	-0.0005	-0.3383	44.97	47.43	55.60	44.18	Yes
													HQGVMVGMGQK	0.66	16.98	28.18	21.78	3	1474.7623	1474.7628	492.5949	-0.0005	-0.3383	6.77	14.14	11.69	10.75	No
AGAP3	Q96P47	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 3	1.00	3	5.4	1.00	0.11	0.95	0.14	1.00	0.14	9	ATPATAPGTSPR	0.88	22.32	27.85	24.43	2	1269.6796	1269.6799	635.8472	-0.0003	-0.2359	25.28	36.47	45.59	39.74	No
													ATPATAPGTSPR	1.00	43.69	27.84	25.36	2	1269.6798	1269.6799	635.8472	-0.0001	-0.0786	43.51	52.75	60.87	48.93	Yes
													ATPATAPGTSPR	1.00	60.46	27.85	29.96	2	1269.6796	1269.6799	635.8472	-0.0003	-0.2359	200.05	260.24	224.89	259.43	Yes
													ATPATAPGTSPR	1.00	64.93	27.83	30.37	2	1269.6800	1269.6799	635.8472	0.0001	0.0786	255.62	249.10	272.60	287.91	Yes
													ATPATAPGTSPR	1.00	46.75	28.01	23.41	2	1269.6802	1269.6799	635.8472	0.0003	0.2359	33.69	21.69	29.49	29.61	No
													ATPATAPGTSPR	1.00	47.98	27.68	25.35	2	1269.6792	1269.6799	635.8472	-0.0007	-0.5504	34.03	16.02	20.41	19.72	No
													ATPATAPGTSPR	1.00	64.53	27.87	29.19	2	1269.6794	1269.6799	635.8472	-0.0005	-0.3932	27.50	33.80	33.54	43.92	No
													LFLAPLPSSDVPLGQQLLR	0.97	19.27	20.00	14.62	3	2207.2837	2207.2800	736.7673	0.0037	1.6740	14.52	17.42	10.28	11.45	No
													GLTPLAYAR	0.99	30.78	27.52	19.59	2	1104.6410	1104.6413	553.3279	-0.0003	-0.2711	63.30	85.25	64.02	61.75	Yes
													GLTPLAYAR	1.00	42.80	27.31	24.75	2	1104.6412	1104.6413	553.3279	-0.0001	-0.0904	479.12	498.95	512.48	481.69	Yes
													GLTPLAYAR	0.99	34.03	27.47	24.85	2	1104.6404	1104.6413	553.3279	-0.0009	-0.8133	989.09	1185.35	1095.00	1145.02	Yes
													GLTPLAYAR	1.00	36.37	27.31	22.54	2	1104.6412	1104.6413	553.3279	-0.0001	-0.0904	1144.85	1312.15	1300.14	1331.29	Yes
													GLTPLAYAR	1.00	37.50	27.47	23.63	2	1104.6404	1104.6413	553.3279	-0.0009	-0.8133	105.47	138.59	126.25	147.17	Yes
													GLTPLAYAR	1.00	37.38	27.68	22.08	2	1104.6418	1104.6413	553.3279	0.0005	0.4518	91.79	126.19	112.68	118.57	Yes
ALB	P02768	Serum albumin	1.00	8	11.7	1.21	0.40	1.06	0.27	1.04	0.41	29	LVTDLTK	1.00	37.80	23.20	24.36	2	1076.6700	1076.6685	539.3415	0.0015	1.3906	49.08	64.58	66.83	73.41	Yes
													LVTDLTK	1.00	39.06	23.22	24.47	2	1076.6704	1076.6685	539.3415	0.0019	1.7614	63.54	110.97	140.79	91.54	Yes
													QTALVELVK	1.00	58.89	24.65	32.58	2	1287.7998	1287.8006	644.9076	-0.0008	-0.6202	1830.67	2060.66	2081.45	2106.42	Yes
													QTALVELVK	1.00	59.35	24.27	31.62	2	1287.8012	1287.8006	644.9076	0.0006	0.4652	1956.65	2143.04	2085.09	1931.97	Yes
													LVTDLTK	0.99	41.52	23.03	26.48	2	1076.6756	1076.6685	539.3415	0.0071	6.5821	33936.21	38007.64	44252.16	43957.86	Yes
													QTALVELVK	0.66	21.02	24.13	32.38	3	1287.8017	1287.8006	430.2741	0.0011	0.8522	93.40	75.84	88.63	94.75	Yes
													QTALVELVK	0.70	21.55	24.13	32.47	3	1287.8017	1287.8006	430.2741	0.0011	0.8522	78.72	87.69	118.63	161.81	Yes
													QTALVELVK	1.00	55.39	23.86	27.71	2	1287.8038	1287.8006	644.9076	0.0032	2.4810	4302.11	4684.69	5435.86	5479.92	Yes
													QTALVELVK	1.00	53.24	23.86	24.75	2	1287.8040	1287.8006	644.9076	0.0034	2.6360	6972.95	6803.04	8437.32	9043.07	Yes
													LVTDLTK	0.99	41.25	23.03	26.22	2	1076.6754	1076.6685	539.3415	0.0069	6.3966	5551.26	6030.50	6333.07	6473.43	Yes
													QTALVELVK	1.00	55.01	24.46	26.96	2	1287.8010	1287.8006	644.9076	0.0004	0.3101	8031.43	9584.63	9931.40	10550.98	Yes
													QTALVELVK	1.00	53.44	24.30	24.73	2	1287.8022	1287.8006	644.9076	0.0016	1.2405	4264.43	4768.17	4938.33	5608.04	Yes
													KQTALVELVK	1.00	43.25	16.81	25.01	3	1559.9983	1559.9976	521.0065	0.0007	0.4479	9877.08	9514.32	14767.46	12397.39	Yes
													KQTALVELVK	1.00	34.59	16.81	21.11	3	1559.9992	1559.9976	521.0065	0.0016	1.0237	4287.80	4727.95	5272.31	5311.97	Yes
													CASLQK	0.53	20.65	27.03	29.39	2	982.5156	982.5183	492.2664	-0.0027	-2.7424	17645.72	33998.24	43030.33	32027.78	Yes
													CASLQK	0.56	18.33	26.60	30.79	2	982.5166	982.5183	492.2664	-0.0017	-1.7267	31438.39	53861.37	63634.90	51035.54	Yes
													LVTDLTK	1.00	38.47	23.20	25.33	2	1076.6698	1076.6685	539.3415	0.0013	1.2052	1383.50	1660.76	1686.41	1657.88	Yes
													LVTDLTK	1.00	41.53	23.22	25.28	2	1076.6704	1076.6685	539.3415	0.0019	1.7614	1119.77	1378.77	1074.99	1145.91	Yes
													QTALVELVK	0.83	17.40	24.44	17.44	2	1287.8008	1287.8006	644.9076	0.0002	0.1551	2158.65	1734.83	1915.15	1917.79	Yes
													QTALVELVK	1.00	45.08	24.13	26.01	2	1287.8014	1287.8006	644.9076	0.0008	0.6202	2779.96	2502.77	2556.13	2510.96	Yes
													KQTALVELVK	1.00	59.39	16.43	24.17	2	1559.9960	1559.9976	781.0061	-0.0016	-1.0243	7008.67	9671.11	11100.68	11282.51	Yes
													KQTALVELVK	1.00	55.07	16.43	18.85	2	1559.9962	1559.9976	781.0061	-0.0014	-0.8963	8224.88	11369.62	12121.73	10915.98	Yes
													KQTALVELVK	1.00	38.76	16.81	26.70	3	1559.9995	1559.9976	521.0065	0.0019	1.2156	10262.12	14410.90	17249.74	15566.63	Yes
													KQTALVELVK	1.00	32.01	16.72	19.83	3	1560.0004	1559.9976	521.0065	0.0028	1.7914	17608.96	21701.39	28763.70	26801.24	Yes
													KQTALVELVK	1.00	42.03	15.19	20.17	3	1560.0100	1559.9976	521.0065	0.0124	7.9333	5566.74	7796.89	8365.29	7098.37	Yes
													KQTALVELVK	1.00	45.54	15.19	19.72	3	1560.0112	1559.9976	521.0065	0.0136	8.7010	3733.00	4510.80	6030.83	4481.45	Yes
													HPDYSVVLLLR	1.00	51.87	25.84	31.88	3	1454.8366	1454.8367	485.9528	-0.0001	-0.0686	157.84	413.76	284.52	178.45	Yes
													HPDYSVVLLLR	1.00	49.62	25.67	30.49	3	1454.8375	1454.8367	485.9528	0.0008	0.5487	322.98	731.16	714.75	545.41	Yes
													HPDYSVVLLLR	1.00	52.15	25.92	30.63	3	1454.8369	1454.8367	485.9528	0.0002	0.1372	150.40	1057.44	288.16	402.69	No
													HPDYSVVLLLR	1.00	55.60	25.75	32.80	3	1454.8378	1454.8367	485.9528	0.0011	0.7545	513.75	948.04	592.03	261.57	No
													KVPQVSTPTLVEVSR	0.52	66.20	25.84	79.20	3	1638.9304	1638.9305	547.3174	-0.0001	-0.0609	54.64	64.75	64.06	74.08	Yes
													RHPDYSVVLLLR	1.00	41.41	26.56	20.05	3	1466.8363	1466.8358	489.9525	0.0005	0.3402	16.76	42.23	20.55	19.18	No
													RHPDYSVVLLLR	1.00	41.33	26.56	19.22	3	1466.8366	1466.8358	489.9525	0.0008	0.5443	18.66	18.63	21.35	21.63	No
													ALVLIAFAQYLQQCPFEDHVK	1.00	34.90	27.19	23.09	3	2478.2476	2478.2439	827.0886	0.0037	1.4912	0.00	2.35	0.00	2.47	No
													RHPDYSVVLLLR	0.97	31.24	24.56	18.58	2	1610.9344	1610.9378	806.4762	-0.0034	-2.1079	3.94	16.40	13.15	14.56	No
													RHPDYSVVLLLR	1.00	62.83	24.61	17.17	3	1610.9368	1610.9378	537.9865	-0.0010	-0.6196	28.67	47.23	51.23	35.94	No
													RHPDYSVVLLLR	0.52	60.35	24.53	73.35	3	1610.9380	1610.9378	537.9865	0.0002	0.1239	29.08	47.35	35.47	27.02	No
													RHPDYSVVLLLR	0.94	26.39	24.38	15.19	2	1610.9398	1610.9378	806.4762	0.0020	1.2400	5.70	10.17	10.39	4.34	No
ALDH16A1	Q8IZ83	Aldehyde dehydrogenase family 16 member A1	1.00	2	3.9	0.98	0.01	0.83	0.10	0.91	0.21	2	GAVEAAHQAFPGWAGQSPGAR	1.00	46.74	27.19	16.47	3	2208.1105	2208.0946	737.0388	0.0159	7.1909	13.42	30.47	47.59	32.51	No
													GAVEAAHQAFPGWAGQSPGAR	0.52	39.80	27.08	52.80	3	2208.0955	2208.0946	737.0388	0.0009	0.4070	16.92	19.83	7.13	4.86	No

													GWSAHPGVVR	1.00	33.83	28.37	21.71	3	1208.6566	1208.6536	403.8918	0.0030	2.4759	295.03	284.26	327.69	317.66	Yes
													GWSAHPGVVR	0.82	20.94	28.22	15.41	3	1208.6581	1208.6536	403.8918	0.0045	3.7139	294.13	371.30	330.92	276.10	Yes
ALDH1A3	P47895	Aldehyde dehydrogenase family 1 member A3	1.00	4	12.9	0.88	0.21	0.99	0.22	0.89	0.25	11	KRPVGDPFDVK	0.90	11.88	23.24	22.10	4	1688.9981	1688.9939	423.2558	0.0042	2.4808	286.85	407.31	278.17	319.14	Yes
													LLHQLADLVER	1.00	71.42	25.53	25.39	2	1449.8434	1449.8425	725.9285	0.0009	0.6199	24.59	7.06	23.50	26.49	No
													LLHQLADLVER	1.00	69.01	25.48	26.49	2	1449.8440	1449.8425	725.9285	0.0015	1.0332	42.68	37.25	45.56	53.64	Yes
													GLFIKPTVFSEVTDNMR	1.00	51.54	25.24	22.36	3	2241.2077	2241.2071	748.0763	0.0006	0.2674	863.88	1002.59	957.85	1182.69	Yes
													GLFIKPTVFSEVTDNMR	1.00	48.90	25.15	17.46	3	2241.2107	2241.2071	748.0763	0.0036	1.6041	867.35	743.04	826.68	866.15	Yes
													GLFIKPTVFSEVTDNMR	0.52	35.83	26.67	48.83	3	2257.2034	2257.2020	753.4079	0.0014	0.6194	245.12	155.08	159.19	245.32	Yes
													GLFIKPTVFSEVTDNMR	0.52	50.89	25.24	63.89	3	2241.2077	2241.2071	748.0763	0.0006	0.2674	401.95	370.31	371.60	379.11	Yes
													GLFIKPTVFSEVTDNMR	1.00	46.64	25.24	19.51	3	2241.2077	2241.2071	748.0763	0.0006	0.2674	463.35	544.57	536.27	633.14	Yes
													GLFIKPTVFSEVTDNMR	1.00	31.59	26.63	16.31	3	2257.2040	2257.2020	753.4079	0.0020	0.8849	248.41	254.64	187.13	260.87	Yes
													FATCNPSTR	1.00	41.47	24.42	29.48	2	1185.5378	1185.5392	593.7769	-0.0014	-1.1789	1345.75	1769.94	1769.71	2156.43	Yes
													FATCNPSTR	1.00	43.04	24.53	28.79	2	1185.5382	1185.5392	593.7769	-0.0010	-0.8421	1868.15	2575.22	2469.49	2847.93	Yes
													FATCNPSTR	1.00	44.71	24.25	30.81	2	1185.5364	1185.5392	593.7769	-0.0028	-2.3578	2126.56	2789.88	2349.20	2755.76	Yes
													FATCNPSTR	1.00	52.33	24.53	27.61	2	1185.5382	1185.5392	593.7769	-0.0010	-0.8421	73.97	191.86	109.36	139.44	No
													FATCNPSTR	1.00	41.23	24.39	31.88	2	1185.5392	1185.5392	593.7769	0.0000	0.0000	104.20	117.12	151.43	117.90	No
ALS2CR4	Q96Q45	Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 4 protein	1.00	4	15.3	1.31	0.23	1.06	0.23	1.11	0.24	11	RPSEGNEPSTK	0.96	26.50	28.13	25.10	3	1488.7753	1488.7776	497.2665	-0.0023	-1.5418	13.73	19.32	20.36	21.60	No
													RPSEGNEPSTK	0.98	25.64	28.25	23.06	3	1488.7774	1488.7776	497.2665	-0.0002	-0.1341	24.61	40.98	24.90	28.82	No
													RPSEGNEPSTK	0.91	20.33	28.25	20.59	3	1488.7774	1488.7776	497.2665	-0.0002	-0.1341	5.09	3.06	14.18	11.39	No
													ELKEHPEAPVQR	0.72	17.69	27.28	21.12	4	1719.9557	1719.9511	430.9951	0.0046	2.6682	1562.00	2058.46	2084.99	1973.65	Yes
													ELKEHPEAPVQR	0.66	22.07	27.47	16.28	3	1719.9520	1719.9511	574.3243	0.0009	0.5224	612.54	833.60	968.52	775.63	Yes
													ELKEHPEAPVQR	0.85	19.13	27.45	20.85	4	1719.9529	1719.9511	430.9951	0.0018	1.0441	1590.41	2090.14	2429.91	2348.93	Yes
													NTPASASLEGLAQTAGR	1.00	111.62	28.08	27.70	2	1786.9292	1786.9295	894.4720	-0.0003	-0.1677	146.09	147.99	198.22	140.39	Yes
													NTPASASLEGLAQTAGR	1.00	112.09	28.08	26.65	2	1786.9276	1786.9295	894.4720	-0.0019	-1.0621	620.38	778.65	782.66	915.48	Yes
													NTPASASLEGLAQTAGR	1.00	122.47	28.06	27.71	2	1786.9280	1786.9295	894.4720	-0.0015	-0.8385	128.39	211.15	181.04	210.58	Yes
													KSSSSSLLR	1.00	28.63	25.77	22.08	3	1251.7399	1251.7390	418.2536	0.0009	0.7173	129.51	142.40	150.77	145.19	Yes
													KSSSSSLLR	0.67	19.13	25.69	21.63	2	1251.7372	1251.7390	626.8768	-0.0018	-1.4357	53.89	62.34	96.85	56.65	Yes
													KSSSSSLLR	0.99	25.22	25.77	22.26	3	1251.7390	1251.7390	418.2536	0.0000	0.0000	112.78	150.52	197.55	124.07	Yes
													KSSSSSLLR	0.94	19.14	25.77	20.44	3	1251.7393	1251.7390	418.2536	0.0003	0.2391	132.19	223.13	239.26	211.94	Yes
													KSSSSSLLR	1.00	31.44	25.77	25.86	3	1251.7393	1251.7390	418.2536	0.0003	0.2391	65.22	111.43	108.87	90.19	Yes
ARF1	P84077	ADP-ribosylation factor 1	1.00	2	19.3	0.92	0.32	1.11	0.27	0.88	0.26	5	DAVLLVFANK	1.00	70.38	24.30	26.26	2	1376.8294	1376.8271	689.4208	0.0023	1.6681	910.47	621.30	594.47	882.01	Yes
													MLAEDELRDAVLLVFANK	1.00	38.38	24.90	16.91	4	2334.2873	2334.2861	584.5788	0.0012	0.5132	74.59	84.67	94.36	127.50	Yes
													MLAEDELRDAVLLVFANK	1.00	43.57	24.81	17.45	4	2334.2881	2334.2861	584.5788	0.0020	0.8553	113.35	130.41	171.66	170.00	Yes
													MLAEDELRDAVLLVFANK	1.00	29.61	24.83	15.80	4	2334.2877	2334.2861	584.5788	0.0016	0.6843	44.79	47.11	46.90	59.50	Yes
													MLAEDELRDAVLLVFANK	0.94	18.92	24.70	31.92	4	2334.2909	2334.2861	584.5788	0.0048	2.0528	40.75	57.66	39.19	55.74	Yes
BAT1	Q13838	Spliceosome RNA helicase BAT1	1.00	2	5.6	0.86	-	0.66	-	0.66	-	1	LTLHGLQQYYVK	0.97	20.13	24.87	23.53	3	1750.0030	1750.0021	584.3413	0.0009	0.5134	14.24	16.30	7.97	14.55	No
													NCPHIVVGTPGR	0.61	14.20	27.75	13.94	3	1438.7299	1438.7295	480.5838	0.0004	0.2774	149.05	118.71	147.45	120.51	Yes
C22orf28	Q9Y3I0	UPF0027 protein C22orf28	1.00	2	4.4	0.82	0.13	0.94	0.17	1.13	0.51	6	SSMTFLTR	1.00	36.12	26.43	22.88	2	1085.5660	1085.5661	543.7903	-0.0001	-0.0919	756.47	871.80	820.24	931.95	Yes
													SSMTFLTR	1.00	38.60	26.43	20.11	2	1085.5660	1085.5661	543.7903	-0.0001	-0.0919	839.58	858.15	762.23	906.87	Yes
													SSMTFLTR	1.00	37.45	26.47	28.20	2	1085.5662	1085.5661	543.7903	0.0001	0.0919	364.21	389.97	323.59	408.85	Yes
													SSMTFLTR	1.00	37.82	26.95	29.59	2	1085.5666	1085.5661	543.7903	0.0005	0.4597	423.19	498.39	455.56	496.07	Yes
													QIGNVAALPGIVHR	1.00	50.21	24.44	20.85	3	1587.9334	1587.9331	530.3183	0.0003	0.1886	47.65	88.81	36.08	42.97	Yes
													QIGNVAALPGIVHR	1.00	65.45	24.44	22.05	3	1587.9334	1587.9331	530.3183	0.0003	0.1886	34.74	78.17	34.66	49.63	Yes
C3	P01024	Complement C3	1.00	3	1.7	0.97	0.10	0.98	0.09	0.89	0.13	6	WLNEQR	0.97	28.70	26.74	26.17	2	988.5204	988.5212	495.2679	-0.0008	-0.8076	1093.66	1266.69	1293.27	1348.14	Yes
													AVLYNYR	0.98	28.22	26.61	20.32	2	1041.5732	1041.5729	521.7937	0.0003	0.2875	2634.79	2448.56	2542.96	2827.26	Yes
													AVLYNYR	0.97	27.25	26.61	20.63	2	1041.5732	1041.5729	521.7937	0.0003	0.2875	2143.63	2177.11	2298.24	2732.74	Yes
													GVFVLNKK	0.52	25.74	16.90	38.74	3	1335.8605	1335.8604	446.2941	0.0001	0.0747	2856.15	2964.85	3196.61	3596.25	Yes
													AVLYNYR	0.98	28.74	26.59	21.58	2	1041.5726	1041.5729	521.7937	-0.0003	-0.2875	1595.63	2057.12	2017.57	2014.07	Yes
													AVLYNYR	0.96	27.35	26.65	20.65	2	1041.5740	1041.5729	521.7937	0.0011	1.0541	2786.99	2873.95	2933.42	3091.61	Yes
CAD	P27708	CAD protein	1.00	6	3.3	0.81	0.16	0.94	0.11	1.06	0.26	11	YVAPPSLR	0.94	26.19	26.98	14.80	2	1045.6030	1045.6042	523.8094	-0.0012	-1.1455	1301.13	1395.18	1186.02	1319.31	Yes
													YVAPPSLR	0.96	27.91	26.98	14.81	2	1045.6030	1045.6042	523.8094	-0.0012	-1.1455	1719.63	1581.98	1382.33	1703.59	Yes
													VFNTGGAPR	1.00	54.38	27.88	28.09	2	1061.5740	1061.5740	531.7943	0.0000	0.0000	1179.14	1559.90	1256.18	1562.30	Yes
													TSSSFAAAMAR	1.00	76.80	24.93	20.38	2	1258.6030	1258.6098	630.3122	-0.0068	-5.3942	38.94	62.92	37.87	48.47	Yes
													TSSSFAAAMAR	1.00	63.76	25.48	21.22	2	1258.6118	1258.6098	630.3122	0.0020	1.5865	43.69	48.38	35.25	52.49	Yes
													TLGVDLVALATR	1.00	60.38	24.39	20.66	2	1371.8232	1371.8208	686.9177	0.0024	1.7469	155.52	125.27	132.41	110.14	No
													VFNTGGAPR	1.00	49.64	28.20	23.36	2	1061.5732	1061.5740	531.7943	-0.0008	-0.7522	805.08	1048.25	871.37	1001.35	Yes
													VFNTGGAPR	1.00	52.55	27.88	23.38	2	1061.5736	1061.5740	531.7943	-0.0004	-0.3761	1389.90	1801.48	1449.86	1683.33	Yes
													MVVMHPMPR	0.61	13.25	26.71	16.86	3	1240.6378	1240.6365	414.5528	0.0013	1.0453	49.23	78.47	75.31	57.45	No
													MVVMHPMPR	1.00	38.32	26.68	26.21	3	1240.6384	1240.6365	414.5528	0.0019	1.5277	195.03	271.43	217.59	208.33	Yes
													MVVMHPMPR	0.55	22.93	25.75	17.18	3	1272.6277	1272.6263	425.2160	0.0014	1.0975	15.28	26.90	17.97	15.56	No
													MVVMHPMPR	1.00	38.38	26.71	26.10	3	1240.6375	1240.6365	414.5528	0.0010	0.8041	337.88	601.90	365.05	381.39	Yes
													MVVMHPMPR	1.00	34.89	26.71	25.98	3	1240.6375	1240.6365	414.5528	0.0010	0.8041	303.74	455.40	244.57	314.27	Yes
													GHNQPCLLVGSGR	1.00	42.11	27.36	19.66	3	1526.7571	1526.7568	509.9262	0.0003	0.1961	103.71	110.31	66.77	125.82	Yes
CARM1	Q86X55	Histone-arginine methyltransferase CARM1	1.00	7	8.0	1.07	0.30	1.02	0.23	1.09	0.37	19	GAAVDEYFR	1.00	52.96	26.18	18.73	2	1170.5788	1170.5791	586.2968	-0.0003	-0.2558	1773.18	2548.23	2573.85	2348.90	Yes
													GAAVDEYFR	1.00	51.03	26.09	21.77	2	1170.5796	1170.5791	586.2968	0.0005	0.4264	1497.37	2072.47	1965.61	1981.78	Yes
													SSNLLDLK	0.98	29.26	26.67	32.85	2	1176.6960	1176.6958	589.3552	0.0002	0.1697	1152.62	1544.20	1413.89	1566.01	Yes
													SSNLLDLK	0.99	36.61	26.39	32.96	2	1176.6968	1176.6958	589.3552	0.0010	0.8484	1234.06	1902.40	1490.24	1656.78	Yes
													YTVNFLEAK	1.00	45.33	29.32	30.44	2	1371.7644	1371.7642	686.8894	0.0002	0.1456	4655.51	6665.43	7474.67	7465.29	Yes
													MLESYLHAK	1.00	36.70	27.85	21.68	3	1378.7518	1378.7522	460.5913	-0.0004	-0.2895	1198.43	2191.65	1729.77	1683.46	Yes
													MLESYLHAK	1.00	39.65	27.90	26.79	3	1378.7527	1378.7522	460.5913	0.0005	0.3619	727.21	983.15	918.02	973.09	Yes
													YTVNFLEAK	1.00	53.56	29.37	28.80	2	1371.7654	1371.7642	686.8894	0.0012	0.8735	2601.07	4098.18	3380.88	4233.63	Yes
													YTVNFLEAK	1.00	49.76	29.41	29.33	2	1371.7672	1371.7642	686.8894	0.0030	2.1838	509.88	618.51	471.05	636.87	Yes
													MLESYLHAK	0.98	26.49	27.85	18.30	3	1378.7515	1378.7522	460.5913	-0.0007	-0.5066	549.20	1028.75	964.92	867.92	Yes
													IVVIPGK	0.72	31.60	16.72	44.60	2	1012.6896	1012.6888	507.3517	0.0008	0.7884	7632.71	9124.28	7700.08	9694.33	Yes
													IVVIPGK	1.00	35.17	18.45	21.39	2	1012.6910	1012.6888	507.3517	0.0022	2.1681	2332.56	2770.68	2161.89	2940.12	Yes
													IVVIPGK	0.99	28.92	18.33	17.40	2	1012.6854	1012.6888	507.3517	-0.0034	-3.3507	521.25	478.85	510.47	464.62	Yes
													IVVIPGK	0.60	35.25	16.72	48.25	2	1012.6868	1012.6888	507.3517	-0.0020	-1.9710	1135.68	1255.26	1226.01	1198.77	Yes
													IVVIPGK	0.74	18.34	16.72	31.34	2	1012.6876	1012.6888	507.3517	-0.0012	-1.1826	31.98	43.43	47.04	34.52	Yes

													IVVIPGK	0.51	4.14	15.31	17.14	2	868.5882	868.5868	435.3007	0.0014	1.6081	189.50	70.50	97.82	137.60	Yes
													IVVIPGK	0.81	9.62	15.31	16.22	2	868.5876	868.5868	435.3007	0.0008	0.9189	464.51	123.20	192.20	256.12	No
													IVVIPGK	0.56	11.41	15.31	24.41	2	868.5890	868.5868	435.3007	0.0022	2.5270	478.41	147.59	228.93	277.70	No
													SSNLLDLKNPFFR	1.00	50.77	25.85	27.42	3	1838.0278	1838.0294	613.6837	-0.0016	-0.8691	188.69	300.74	366.88	224.66	No
													SSNLLDLKNPFFR	1.00	46.28	25.87	18.53	3	1838.0284	1838.0294	613.6837	-0.0010	-0.5432	152.87	184.55	243.24	161.92	Yes
													NPFFR	0.90	19.98	24.59	22.73	2	823.4462	823.4463	412.7304	-0.0001	-0.1211	200.86	396.10	306.85	263.63	Yes
													NPFFR	0.71	15.02	24.59	24.09	2	823.4464	823.4463	412.7304	0.0001	0.1211	199.80	348.07	278.13	263.12	Yes
CAV1	Q03135	Caveolin-1	1.00	2	9.6	0.73	0.15	0.84	0.08	0.80	0.10	7	EQGNIYKPNNK	0.98	24.63	26.77	14.76	3	1735.9603	1735.9582	579.6600	0.0021	1.2076	16017.73	15139.15	12136.45	17324.27	Yes
													EQGNIYKPNNK	0.97	25.86	26.73	16.83	3	1735.9618	1735.9582	579.6600	0.0036	2.0702	18746.41	16273.34	13334.77	17390.84	Yes
													EQGNIYKPNNK	0.99	25.49	27.03	16.14	3	1735.9585	1735.9582	579.6600	0.0003	0.1725	2749.26	2412.93	1921.37	2809.24	Yes
													EQGNIYKPNNK	0.98	24.55	27.03	19.93	3	1735.9585	1735.9582	579.6600	0.0003	0.1725	4456.55	3792.15	3467.47	4606.54	Yes
													IFSNVR	0.68	17.79	28.08	23.78	2	878.5094	878.5096	440.2621	-0.0002	-0.2271	647.94	667.44	628.13	689.81	Yes
													IFSNVR	0.95	26.12	28.08	31.65	2	878.5098	878.5096	440.2621	0.0002	0.2271	575.97	642.14	621.53	666.37	Yes
													IFSNVR	0.79	20.08	28.08	29.00	2	878.5100	878.5096	440.2621	0.0004	0.4543	617.77	640.98	616.07	597.82	Yes
CCT3	P49368	T-complex protein 1 subunit gamma	1.00	3	6.2	0.88	0.15	0.95	0.14	0.76	0.11	6	KVQSGNINAAK	1.00	40.40	23.26	22.33	3	1560.9316	1560.9313	521.3177	0.0003	0.1918	357.96	312.79	306.88	397.91	Yes
													KVQSGNINAAK	1.00	57.39	23.46	25.33	3	1560.9319	1560.9313	521.3177	0.0006	0.3836	288.37	277.38	302.74	337.54	Yes
													TAVETAVLLLR	1.00	73.38	22.65	22.43	2	1328.8164	1328.8149	665.4147	0.0015	1.1271	265.69	287.92	310.37	376.18	Yes
													TAVETAVLLLR	0.56	71.44	22.36	84.44	2	1328.8174	1328.8149	665.4147	0.0025	1.8785	342.74	336.89	341.69	376.93	Yes
													TLIQNCGASTIR	1.00	60.31	28.47	24.27	2	1465.7510	1465.7503	733.8824	0.0007	0.4769	132.86	112.41	160.06	157.79	Yes
													TLIQNCGASTIR	1.00	47.07	28.62	26.09	2	1465.7502	1465.7503	733.8824	-0.0001	-0.0681	39.27	30.72	33.28	39.34	Yes
CCT4	P50991	T-complex protein 1 subunit delta	1.00	2	3.3	0.82	0.19	0.72	0.09	0.64	0.12	2	FSNISAAK	0.99	35.64	27.02	26.17	2	1124.6412	1124.6433	563.3289	-0.0021	-1.8639	2117.89	1463.36	1717.45	1995.55	Yes
													QMQVLHPAAR	0.99	28.89	27.81	16.49	3	1293.7102	1293.7097	432.2438	0.0005	0.3856	441.32	380.60	477.22	361.30	Yes
													QMQVLHPAAR	0.95	21.86	27.99	19.94	3	1309.7053	1309.7047	437.5755	0.0006	0.4571	11.03	14.65	16.40	14.49	No
													QMQVLHPAAR	0.97	24.21	28.31	17.16	3	1309.7059	1309.7047	437.5755	0.0012	0.9141	19.72	17.04	25.16	17.59	No
CCT6A	P40227	T-complex protein 1 subunit zeta	1.00	5	18.5	0.98	0.16	1.33	0.15	0.95	0.21	5	ALQFLEEVK	1.00	49.18	26.77	27.35	2	1363.7964	1363.7955	682.9050	0.0009	0.6589	419.58	425.83	463.37	606.45	Yes
													ALQFLEEVK	1.00	46.68	25.94	24.76	2	1363.7992	1363.7955	682.9050	0.0037	2.7090	291.57	276.02	306.23	446.62	Yes
													NAIDDGCVVPGAGAVEVAMAEALIK	1.00	65.59	27.05	18.59	3	2746.3981	2746.3947	916.4722	0.0034	1.2366	2.50	4.21	3.21	3.06	No
													NAIDDGCVVPGAGAVEVAMAEALIK	1.00	72.23	27.05	21.10	3	2746.3981	2746.3947	916.4722	0.0034	1.2366	2.60	0.00	0.00	1.81	No
													NAIDDGCVVPGAGAVEVAMAEALIK	1.00	33.11	27.05	17.32	4	2746.3981	2746.3947	687.6060	0.0034	1.2362	6.51	16.54	18.65	7.78	No
													AGMSSLKG	0.94	25.10	27.88	26.58	2	1037.5780	1037.5783	519.7964	-0.0003	-0.2886	2290.24	2967.45	2920.04	4170.23	Yes
													AGMSSLKG	0.95	26.08	27.88	23.39	2	1037.5782	1037.5783	519.7964	-0.0001	-0.0962	1913.75	2770.71	2467.46	3330.93	Yes
													VHAELADVLTEAVVDSILAIK	1.00	74.23	19.59	21.16	4	2493.4333	2493.4298	624.3647	0.0035	1.4014	29.23	34.57	43.86	48.44	No
													VHAELADVLTEAVVDSILAIK	1.00	70.01	19.40	19.73	4	2493.4337	2493.4298	624.3647	0.0039	1.5616	42.47	33.20	34.53	27.64	No
													VHAELADVLTEAVVDSILAIK	1.00	80.70	19.24	20.36	3	2493.4357	2493.4298	832.1505	0.0059	2.3633	2.76	0.00	7.95	1.36	No
													VHAELADVLTEAVVDSILAIK	1.00	59.05	19.24	17.44	4	2493.4357	2493.4298	624.3647	0.0059	2.3624	45.86	26.50	70.69	73.83	No
													SVTLLIK	0.76	43.74	9.03	45.02	2	1060.7188	1060.7100	531.3623	0.0088	8.2805	631.23	685.85	575.71	1033.37	Yes
													VHAELADVLTEAVVDSILAIK	1.00	75.83	19.34	22.57	3	2493.4348	2493.4298	832.1505	0.0050	2.0028	8.50	1.70	7.49	8.64	No
													VHAELADVLTEAVVDSILAIK	1.00	55.33	19.24	16.84	4	2493.4353	2493.4298	624.3647	0.0055	2.2022	39.27	9.72	34.54	44.60	No
													VHAELADVLTEAVVDSILAIK	1.00	73.92	19.03	86.92	4	2493.4361	2493.4298	624.3647	0.0063	2.5226	36.56	19.56	73.56	55.24	No
													VHAELADVLTEAVVDSILAIK	1.00	70.53	19.40	20.40	4	2493.4341	2493.4298	624.3647	0.0043	1.7217	14.41	18.56	33.53	25.40	No
													VHAELADVLTEAVVDSILAIK	1.00	65.90	19.34	78.90	4	2493.4349	2493.4298	624.3647	0.0051	2.0421	19.75	13.36	21.62	24.77	No
CKAP5	Q14008	Cytoskeleton-associated protein 5	1.00	2	2.7	1.03	0.11	0.96	0.25	0.89	0.06	2	ATSKPMGGSAPAK	1.00	34.87	27.28	20.24	3	1633.9174	1633.9187	545.6468	-0.0013	-0.7942	149.82	153.39	188.80	151.63	Yes
													ATSKPMGGSAPAK	1.00	34.83	27.23	17.82	3	1633.9183	1633.9187	545.6468	-0.0004	-0.2444	159.82	177.37	175.80	217.33	Yes
													KGKPAAPGGAGNTGTK	0.94	14.42	22.04	27.42	4	1987.1633	1987.1662	497.7988	-0.0029	-1.4564	16.12	20.25	15.29	22.13	No
CP	P00450	Ceruloplasmin	1.00	2	2.6	1.17	-	1.19	-	1.30	-	1	DIASGLIGPLIICK	1.00	48.41	24.35	17.95	3	1746.0022	1746.0027	583.0082	-0.0005	-0.2859	32.91	51.61	43.98	47.73	Yes
													DLYSGLIGPLIVCR	1.00	94.29	27.77	32.68	2	1707.9200	1707.9174	854.9660	0.0026	1.5205	15.64	29.60	26.47	15.62	No
CPSF7	Q8N684	Cleavage and polyadenylation specificity factor subunit 7	1.00	9	24.6	0.95	0.12	1.03	0.15	0.97	0.16	21	DSGPPPSTVSEAEFEDIMK	1.00	56.23	26.88	18.92	3	2323.1155	2323.1133	775.3784	0.0022	0.9458	11.89	3.29	13.62	15.45	No
													SYSVGASGSSSR	1.00	57.66	25.50	22.99	2	1287.6170	1287.6177	644.8161	-0.0007	-0.5428	14.47	14.01	15.04	21.25	No
													SYSVGASGSSSR	1.00	68.52	25.40	20.34	2	1287.6172	1287.6177	644.8161	-0.0005	-0.3877	10.93	20.15	19.36	10.95	No
													SYSVGASGSSSR	1.00	67.16	25.40	22.56	2	1287.6174	1287.6177	644.8161	-0.0003	-0.2326	24.11	34.48	27.79	24.51	No
													SYSVGASGSSSR	1.00	65.49	25.40	19.17	2	1287.6174	1287.6177	644.8161	-0.0003	-0.2326	11.23	24.94	6.11	13.28	No
													QNLSQFEAQAR	1.00	72.14	27.94	32.87	2	1434.7306	1434.7337	718.3741	-0.0031	-2.1577	244.24	277.16	249.73	284.78	Yes
													QNLSQFEAQAR	1.00	68.33	28.04	25.81	2	1434.7324	1434.7337	718.3741	-0.0013	-0.9048	326.14	294.81	306.92	339.32	Yes
													ATPSENLVPSSAR	1.00	72.62	27.85	28.87	2	1471.7738	1471.7752	736.8949	-0.0014	-0.9499	3327.20	2931.15	3076.79	3527.34	Yes
													SYSVGASGSSSR	1.00	57.14	25.42	21.54	2	1287.6176	1287.6177	644.8161	-0.0001	-0.0775	22.81	31.64	35.00	41.43	No
													SYSVGASGSSSR	1.00	43.71	25.67	20.60	2	1287.6180	1287.6177	644.8161	0.0003	0.2326	13.57	16.58	20.83	25.61	No
													QNLSQFEAQAR	1.00	62.64	28.39	30.68	2	1434.7420	1434.7337	718.3741	0.0083	5.7769	144.88	159.36	149.93	179.09	Yes
													ATPSENLVPSSAR	1.00	79.17	27.80	28.40	2	1471.7718	1471.7752	736.8949	-0.0034	-2.3070	1875.73	2127.07	2200.36	2468.41	Yes
													ATPSENLVPSSAR	1.00	69.91	27.66	29.24	2	1471.7734	1471.7752	736.8949	-0.0018	-1.2213	1068.62	1290.08	1257.54	1422.41	Yes
													AISSSAISK	1.00	44.79	25.28	29.16	2	1150.6798	1150.6801	576.3473	-0.0003	-0.2603	4838.28	4538.91	4453.08	5397.67	Yes
													AISSSAISK	1.00	46.40	25.28	27.67	2	1150.6802	1150.6801	576.3473	0.0001	0.0868	13733.24	14534.53	14644.91	16262.10	Yes
													ATPSENLVPSSAR	1.00	57.06	28.00	29.41	2	1471.7760	1471.7752	736.8949	0.0008	0.5428	737.46	834.91	703.85	808.99	Yes
													ATPSENLVPSSAR	1.00	60.69	27.92	29.82	2	1471.7768	1471.7752	736.8949	0.0016	1.0856	1057.14	1153.28	1003.60	1173.31	Yes
													LLELLPGK	1.00	38.58	18.86	24.22	2	1169.7636	1169.7627	585.8886	0.0009	0.7681	5064.87	6381.43	5739.51	7013.89	Yes
													LLELLPGK	1.00	42.63	18.86	25.59	2	1169.7640	1169.7627	585.8886	0.0013	1.1094	8078.69	10657.17	9586.06	11627.97	Yes
													AVSGASAGDYSDAIETLLTAIAVIK	1.00	31.22	23.82	44.22	4	2723.4921	2723.4836	681.8782	0.0085	3.1164	13.75	24.13	17.05	29.75	No
													LLELLPGK	1.00	38.80	18.86	24.30	2	1169.7632	1169.7627	585.8886	0.0005	0.4267	2413.14	2681.53	2712.25	2882.36	Yes
													LLELLPGK	1.00	37.15	18.86	23.90	2	1169.7638	1169.7627	585.8886	0.0011	0.9387	3418.59	3830.47	3808.02	4142.86	Yes
													AVSGASAGDYSDAIETLLTAIAVIK	1.00	50.99	23.89	63.99	4	2723.4889	2723.4836	681.8782	0.0053	1.9432	9.24	22.98	19.68	22.84	No
													AVSGASAGDYSDAIETLLTAIAVIK	1.00	43.12	23.80	56.12	4	2723.4901	2723.4836	681.8782	0.0065	2.3831	16.56	10.57	12.64	14.40	No
													VLISSLK	1.00	41.50	18.75	26.61	2	1046.6932	1046.6943	524.3544	-0.0011	-1.0489	5739.60	7440.78	7312.59	8036.10	Yes
													VLISSLK	1.00	49.72	18.75	26.27	2	1046.6936	1046.6943	524.3544	-0.0007	-0.6675	8330.98	11720.25	10085.21	11769.27	Yes
													LLELLPGK	1.00	49.97	18.86	27.35	2	1169.7638	1169.7627	585.8886	0.0011	0.9387	1559.62	1785.49	1503.62	1796.40	Yes
													AVSGASAGDYSDAIETLLTAIAVIK	1.00	139.82	24.36	23.60	2	2723.4794	2723.4836	1362.7491	-0.0042	-1.5410	2.90	6.88	6.49	3.78	No
													AVSGASAGDYSDAIETLLTAIAVIK	1.00	119.71	24.41	23.92	3	2723.4817	2723.4836	908.8351	-0.0019	-0.6969	3.68	0.00	0.00	6.87	No
													AVSGASAGDYSDAIETLLTAIAVIK	1.00	35.85	24.33	48.85	4	2723.4857	2723.4836	681.8782	0.0021	0.7699	7.39	9.99	5.20	11.12	No
													VLISSLK	1.00	41.69	18.75	26.86	2	1046.6940	1046.6943	524.3544	-0.0003	-0.2861	3601.88	4672.38	4171.83	4893.83	Yes
													VLISSLK	1.00	49.82	18.75	26.29	2	1046.6946	1046.6943	524.3544	0.0003	0.2861	4111.19	5683.06	5419.60	6455.34	Yes

													AVSGASAGDYSDAIETLLTAIAVIK	0.99	17.59	24.08	14.98	4	2723.4877	2723.4836	681.8782	0.0041	1.5032	11.24	10.76	3.03	14.94	No
													AVSGASAGDYSDAIETLLTAIAVIK	0.63	9.19	23.89	22.19	4	2723.4889	2723.4836	681.8782	0.0053	1.9432	9.53	7.84	12.63	7.28	No
													VLISSLK	1.00	49.93	18.75	26.47	2	1046.6930	1046.6943	524.3544	-0.0013	-1.2396	889.84	1286.43	1093.98	1271.44	Yes
													VLISSLK	1.00	42.07	18.75	27.13	2	1046.6930	1046.6943	524.3544	-0.0013	-1.2396	1105.25	1540.64	1343.20	1518.29	Yes
													AVSGASAGDYSDAIETLLTAIAVIK	1.00	22.93	23.89	35.93	4	2723.4893	2723.4836	681.8782	0.0057	2.0898	6.37	9.83	7.50	11.46	No
													AVSGASAGDYSDAIETLLTAIAVIK	1.00	48.56	23.86	61.56	4	2723.4897	2723.4836	681.8782	0.0061	2.2365	12.20	21.29	15.85	9.68	No
													AVSGASAGDYSDAIETLLTAIAVIK	1.00	30.38	24.03	43.38	4	2723.4885	2723.4836	681.8782	0.0049	1.7965	6.75	10.45	8.12	10.31	No
													TPAILYTYSGLR	0.89	29.07	27.70	22.94	2	1497.8284	1497.8313	749.9229	-0.0029	-1.9335	3.97	7.74	2.68	4.11	No
													TPAILYTYSGLR	0.98	34.59	27.51	21.26	2	1497.8298	1497.8313	749.9229	-0.0015	-1.0001	1.27	5.91	3.22	11.57	No
													TPAILYTYSGLR	1.00	43.60	27.29	24.06	2	1497.8316	1497.8313	749.9229	0.0003	0.2000	13.83	7.51	14.61	4.95	No
													TPAILYTYSGLR	0.99	37.45	27.51	25.48	2	1497.8296	1497.8313	749.9229	-0.0017	-1.1335	14.11	11.86	15.77	9.79	No
													TPAILYTYSGLR	1.00	40.99	27.51	25.01	2	1497.8298	1497.8313	749.9229	-0.0015	-1.0001	10.34	11.64	29.38	13.53	No
DDX1	Q92499	ATP-dependent RNA helicase DDX1	1.00	2	3.8	0.96	0.09	0.84	0.01	0.84	0.19	2	FLVLDEADGLLSQGYSDFINR	1.00	63.38	27.29	26.26	3	2515.2736	2515.2717	839.4312	0.0019	0.7545	0.00	1.88	0.00	4.44	No
													FLVLDEADGLLSQGYSDFINR	1.00	63.35	27.25	23.99	3	2515.2760	2515.2717	839.4312	0.0043	1.7075	0.00	4.95	1.12	2.34	No
													FLVLDEADGLLSQGYSDFINR	1.00	59.83	27.31	25.18	3	2515.2718	2515.2717	839.4312	0.0001	0.0397	4.41	1.62	7.32	9.12	No
													FLVLDEADGLLSQGYSDFINR	0.99	31.90	27.18	19.72	3	2515.2772	2515.2717	839.4312	0.0055	2.1840	5.52	14.33	1.30	3.45	No
													LNLSQVR	0.99	32.87	26.44	31.70	2	972.5838	972.5838	487.2992	0.0000	0.0000	67.16	59.71	69.77	68.48	Yes
													LNLSQVR	0.97	31.40	26.42	34.53	2	972.5848	972.5838	487.2992	0.0010	1.0261	32.62	37.77	37.93	33.58	Yes
DDX3X	O00571	ATP-dependent RNA helicase DDX3X	1.00	2	3.2	0.88	0.12	1.12	0.07	1.07	0.12	3	YTRPTPVQK	0.87	17.46	26.74	22.54	3	1376.8018	1376.8020	459.9413	-0.0002	-0.1449	162.13	211.74	164.03	227.51	Yes
													YTRPTPVQK	0.63	13.46	26.74	23.33	3	1376.8018	1376.8020	459.9413	-0.0002	-0.1449	342.09	479.13	391.16	482.27	Yes
													YTRPTPVQK	0.67	13.90	26.68	22.49	3	1376.8021	1376.8020	459.9413	0.0001	0.0725	480.94	561.69	431.84	621.77	Yes
													SPILVATAVAAR	0.99	27.45	22.67	23.23	2	1311.7988	1311.7996	656.9071	-0.0008	-0.6089	8.30	15.65	8.45	6.83	No
													SPILVATAVAAR	1.00	38.33	22.67	26.83	2	1311.7988	1311.7996	656.9071	-0.0008	-0.6089	8.64	11.94	13.51	9.94	No
DDX5	P17844	Probable ATP-dependent RNA helicase DDX5	1.00	2	5.0	1.23	0.17	1.52	0.18	1.71	0.16	2	LIDFLECGK	0.99	33.85	27.23	22.49	2	1370.7178	1370.7182	686.3664	-0.0004	-0.2914	105.83	230.27	162.84	210.76	Yes
													QVSDLISVLR	1.00	59.02	26.03	35.49	2	1272.7524	1272.7523	637.3834	0.0001	0.0784	149.84	291.12	194.72	259.21	Yes
DERA	Q9Y315	Putative deoxyribose-phosphate aldolase	1.00	2	6.9	1.10	0.19	0.98	0.19	1.24	0.18	7	IGASTLLSDIER	1.00	91.00	27.71	37.89	2	1417.7922	1417.7898	709.9022	0.0024	1.6904	112.67	193.54	145.29	161.55	Yes
													IQVNHPAVLR	1.00	35.60	25.38	19.52	3	1289.7700	1289.7690	430.9303	0.0010	0.7735	1196.26	1495.22	1237.84	1123.22	Yes
													IQVNHPAVLR	1.00	43.03	25.38	23.99	3	1289.7700	1289.7690	430.9303	0.0010	0.7735	2067.12	3021.24	2688.37	2462.79	Yes
													IQVNHPAVLR	1.00	51.92	26.16	23.37	2	1289.7646	1289.7690	645.8918	-0.0044	-3.4062	233.79	328.99	235.68	273.88	Yes
													IQVNHPAVLR	1.00	44.82	25.45	20.85	3	1289.7679	1289.7690	430.9303	-0.0011	-0.8509	1157.09	1604.62	1684.27	1481.88	Yes
													IQVNHPAVLR	1.00	40.39	25.45	15.65	3	1289.7682	1289.7690	430.9303	-0.0008	-0.6188	1457.73	2174.20	1874.52	1465.79	Yes
													IQVNHPAVLR	0.99	25.73	25.39	15.81	3	1289.7685	1289.7690	430.9303	-0.0005	-0.3868	489.34	855.53	746.12	707.58	Yes
DHX9	Q08211	ATP-dependent RNA helicase A	1.00	3	2.0	1.07	0.09	0.93	0.06	1.43	0.20	7	DFVNYLVR	0.97	36.76	27.20	39.64	2	1168.6356	1168.6362	585.3254	-0.0006	-0.5125	898.68	1705.79	1047.77	1053.32	Yes
													TPLHEIALSIK	1.00	53.67	21.99	22.36	3	1508.9164	1508.9170	503.9796	-0.0006	-0.3968	226.88	369.04	272.99	283.98	Yes
													TPLHEIALSIK	1.00	48.04	21.99	18.25	3	1508.9170	1508.9170	503.9796	0.0000	0.0000	390.84	575.58	452.25	440.01	Yes
													TPLHEIALSIK	1.00	28.09	21.99	15.15	3	1508.9179	1508.9170	503.9796	0.0009	0.5953	127.95	122.81	105.55	131.87	No
													LNMATLR	1.00	43.70	28.59	30.97	2	961.5500	961.5500	481.7823	0.0000	0.0000	291.08	549.53	394.65	342.58	Yes
													LNMATLR	1.00	42.45	28.60	31.61	2	961.5502	961.5500	481.7823	0.0002	0.2076	244.87	487.91	327.51	269.55	Yes
													LNMATLR	0.72	20.80	28.74	31.09	2	977.5436	977.5450	489.7798	-0.0014	-1.4292	401.96	604.40	457.54	433.21	Yes
													LNMATLR	0.71	20.64	28.89	27.76	2	977.5440	977.5450	489.7798	-0.0010	-1.0209	353.94	612.93	428.58	395.34	Yes
													LNMATLR	0.55	20.94	28.77	31.07	2	961.5522	961.5500	481.7823	0.0022	2.2832	45.70	81.24	41.41	41.18	No
DLAT	P10515	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial	1.00	9	25.3	0.94	0.12	0.89	0.10	0.93	0.16	13	LSEGDLLAEIETDK	0.94	22.91	27.61	25.85	3	1819.9687	1819.9658	607.6625	0.0029	1.5908	14.72	13.92	12.67	12.80	No
													LSEGDLLAEIETDK	1.00	41.89	27.66	19.79	3	1819.9672	1819.9658	607.6625	0.0014	0.7680	13.93	11.44	14.68	18.18	No
													VPEANSSWMDTVIR	1.00	93.64	27.98	22.15	2	1747.8674	1747.8685	874.9415	-0.0011	-0.6286	157.06	194.58	147.55	186.15	Yes
													VPEANSSWMDTVIR	1.00	84.58	28.05	21.79	2	1747.8678	1747.8685	874.9415	-0.0007	-0.4000	277.27	316.49	361.69	327.34	Yes
													DVPLGTPLCIIVEK	1.00	60.74	25.44	17.27	2	1830.0340	1830.0238	916.0192	0.0102	5.5675	29.87	31.31	39.86	27.09	No
													DVPLGTPLCIIVEK	1.00	68.28	25.37	21.36	2	1830.0382	1830.0238	916.0192	0.0144	7.8600	36.75	36.09	33.97	25.12	No
													DVPLGTPLCIIVEK	1.00	68.22	25.01	24.66	2	1830.0420	1830.0238	916.0192	0.0182	9.9342	27.07	31.52	37.56	37.16	No
													DVPIGAIICITVGKPEDIEAFK	1.00	42.60	22.92	55.60	4	2805.5433	2805.5386	702.3919	0.0047	1.6729	16.83	11.46	23.68	12.70	No
													DVPIGAIICITVGKPEDIEAFK	1.00	42.32	22.97	18.31	4	2805.5437	2805.5386	702.3919	0.0051	1.8152	20.10	17.31	22.58	23.57	No
													YLEKPITMLL	0.56	27.28	24.31	40.28	2	1507.8950	1507.8927	754.9536	0.0023	1.5233	59.24	64.09	56.28	54.93	Yes
													ISVNDFIIK	1.00	58.22	24.53	29.30	2	1335.8006	1335.8006	668.9076	0.0000	0.0000	1799.68	1820.49	1895.69	2103.06	Yes
													ASALACLK	1.00	53.87	25.99	41.87	2	1109.6178	1109.6180	555.8163	-0.0002	-0.1799	1641.50	1876.02	1891.29	1725.06	Yes
													ASALACLK	1.00	53.60	26.00	41.60	2	1109.6184	1109.6180	555.8163	0.0004	0.3598	2016.48	2827.78	2429.18	2432.69	Yes
													ISVNDFIIK	1.00	42.82	24.42	22.59	2	1335.7982	1335.8006	668.9076	-0.0024	-1.7940	537.16	505.57	491.84	542.28	Yes
													ASALACLK	1.00	56.02	25.98	43.30	2	1109.6176	1109.6180	555.8163	-0.0004	-0.3598	1168.24	1587.63	1379.30	1410.54	Yes
													ASALACLK	1.00	55.97	25.99	43.34	2	1109.6180	1109.6180	555.8163	0.0000	0.0000	951.87	1294.32	1036.04	1149.33	Yes
													VFVSPLAK	1.00	36.06	23.77	26.52	2	1147.7212	1147.7209	574.8677	0.0003	0.2609	5295.55	4901.00	4924.01	5185.69	Yes
													VFVSPLAK	1.00	38.27	23.78	24.25	2	1147.7218	1147.7209	574.8677	0.0009	0.7828	7980.33	8407.62	8889.97	8455.48	Yes
													VFVSPLAK	1.00	52.49	23.77	28.66	2	1147.7206	1147.7209	574.8677	-0.0003	-0.2609	2755.61	2873.38	2942.34	2936.32	Yes
													VPLPSLSPTMQAGTIAR	1.00	61.08	25.91	20.51	2	1882.0432	1882.0468	942.0307	-0.0036	-1.9108	26.42	22.06	35.41	32.12	No
													VPLPSLSPTMQAGTIAR	1.00	93.25	25.93	21.85	2	1882.0444	1882.0468	942.0307	-0.0024	-1.2738	57.90	59.46	67.87	60.03	Yes
													VPLPSLSPTMQAGTIAR	1.00	38.67	25.90	16.72	3	1882.0456	1882.0468	628.3562	-0.0012	-0.6366	5.70	8.25	13.85	6.92	No
													VPLPSLSPTMQAGTIAR	1.00	63.25	26.09	20.37	2	1882.0458	1882.0468	942.0307	-0.0010	-0.5308	22.29	27.43	11.51	24.96	No
													VPLPSLSPTMQAGTIAR	1.00	79.79	26.07	20.69	2	1882.0460	1882.0468	942.0307	-0.0008	-0.4246	22.47	15.27	17.90	14.28	No
													VPLPSLSPTMQAGTIAR	1.00	54.04	25.90	17.84	3	1882.0456	1882.0468	628.3562	-0.0012	-0.6366	0.00	2.58	7.61	0.00	No
													VPLPSLSPTMQAGTIAR	0.52	52.62	25.91	65.62	3	1882.0480	1882.0468	628.3562	0.0012	0.6366	9.99	0.90	2.28	2.21	No
													VPLPSLSPTMQAGTIAR	1.00	48.23	26.07	18.90	3	1882.0462	1882.0468	628.3562	-0.0006	-0.3183	2.14	0.00	3.48	1.74	No
													VPLPSLSPTMQAGTIAR	1.00	48.93	26.07	17.93	3	1882.0471	1882.0468	628.3562	0.0003	0.1591	1.41	6.96	6.90	3.28	No
DLST	P36957	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial	1.00	2	4.6	1.66	0.70	2.42	1.46	2.19	1.19	3	AKPAEAPAAAAPK	1.00	34.47	22.53	19.91	3	1623.9661	1623.9673	542.3297	-0.0012	-0.7376	188.44	280.54	226.98	300.90	Yes
													AKPAEAPAAAAPK	1.00	45.52	22.55	20.68	3	1623.9649	1623.9673	542.3297	-0.0024	-1.4751	193.40	721.01	435.81	854.29	Yes
													AKPAEAPAAAAPK	1.00	45.06	22.53	18.98	3	1623.9661	1623.9673	542.3297	-0.0012	-0.7376	195.61	646.88	497.53	721.70	Yes
													GLVVPVIR	0.98	26.95	12.30	28.32	2	995.6602	995.6613	498.8379	-0.0011	-1.1026	23.60	87.22	37.26	74.75	No
DSP	P15924	Desmoplakin	1.00	13	5.9	1.14	0.31	0.96	0.27	1.07	0.33	14	RVEEDIQQQK	0.57	33.22	27.68	39.92	3	1559.8486	1559.8511	520.9576	-0.0025	-1.5996	155.54	148.01	123.19	155.92	Yes
													IEVLEEELR	1.00	44.11	27.93	26.71	2	1272.7054	1272.7047	637.3596	0.0007	0.5491	70.40	107.69	91.99	114.15	Yes
													YEVTSGGGGTSR	0.76	16.40	23.54	23.75	2	1169.5298	1169.5313	585.7729	-0.0015	-1.2804	14.42	36.08	32.68	35.91	No
													GAGSIAGASASPK	1.00	66.80	27.85	26.80	2	1360.7538	1360.7554	681.3850	-0.0016	-1.1741	55.03	53.38	73.58	46.70	Yes
													GFFDPNTEENLTYLQLK	1.00	44.89	27.92	19.59	3	2316.1909	2316.1881	773.0700	0.0028	1.2073	26.84	34.02	22.45	67.96	No

													QVQNLVNK	0.99	36.29	25.90	30.56	2	1229.7320	1229.7336	615.8741	-0.0016	-1.2990	2951.74	3658.51	3340.53	3495.72	Yes
													LTVDSAIAR	1.00	53.50	27.71	28.16	2	1088.6342	1088.6311	545.3228	0.0031	2.8423	1176.78	1447.03	1295.90	1066.86	Yes
													LASLEELKR	1.00	36.99	24.68	25.71	3	1345.8163	1345.8172	449.6130	-0.0009	-0.6672	1468.78	2357.26	2241.99	1908.81	Yes
													ALLQAILQTEDMLK	0.52	28.10	23.87	41.10	3	1874.0806	1874.0790	625.7003	0.0016	0.8524	17.15	18.84	14.20	13.90	No
													LVFDGLR	0.99	34.91	27.29	31.51	2	962.5666	962.5671	482.2908	-0.0005	-0.5184	989.41	1159.76	1216.70	923.21	Yes
													ISTISSVR	1.00	37.36	27.36	24.80	2	1005.5934	1005.5940	503.8043	-0.0006	-0.5955	1420.81	1531.59	1641.01	1498.10	Yes
													ISTISSVR	0.95	25.50	27.35	23.09	2	1005.5938	1005.5940	503.8043	-0.0002	-0.1985	778.70	876.28	957.50	760.82	Yes
													ISTISSVR	0.99	32.96	27.62	23.45	2	1005.5928	1005.5940	503.8043	-0.0012	-1.1909	2615.84	2537.95	2765.99	2698.07	Yes
													IGLVRPGTALELLEAQAATGFIVDPVSNLR	1.00	55.25	19.44	17.80	4	3263.8409	3263.8363	816.9664	0.0046	1.4076	6.86	10.48	6.49	5.58	No
													IGLVRPGTALELLEAQAATGFIVDPVSNLR	1.00	52.59	19.49	65.59	4	3263.8417	3263.8363	816.9664	0.0054	1.6525	1.54	2.09	5.33	4.99	No
													QLQNIIQATSR	1.00	73.67	26.40	29.81	2	1414.7998	1414.8014	708.4080	-0.0016	-1.1293	419.64	687.01	765.82	656.32	Yes
													QLQNIIQATSR	1.00	69.94	26.49	31.81	2	1414.8004	1414.8014	708.4080	-0.0010	-0.7058	824.79	1121.30	1392.52	1134.52	Yes
													QLQNIIQATSR	1.00	71.26	26.43	39.86	2	1414.7992	1414.8014	708.4080	-0.0022	-1.5528	372.57	566.24	674.25	549.64	Yes
													QLQNIIQATSR	1.00	70.02	26.55	32.59	2	1414.7994	1414.8014	708.4080	-0.0020	-1.4116	155.18	328.64	257.66	229.64	Yes
DYNC1H1	Q14204	Cytoplasmic dynein 1 heavy chain 1	1.00	3	0.9	0.92	0.11	0.94	0.16	0.79	0.13	5	AATSPALFNR	1.00	42.85	28.07	26.47	2	1190.6510	1190.6529	596.3337	-0.0019	-1.5931	359.03	306.38	373.23	375.47	Yes
													AATSPALFNR	1.00	53.52	28.17	29.90	2	1190.6528	1190.6529	596.3337	-0.0001	-0.0838	501.53	393.02	452.34	499.16	Yes
													YATLATVSR	0.89	23.22	26.84	26.23	2	1124.6302	1124.6311	563.3228	-0.0009	-0.7988	1326.97	1420.15	1603.71	1474.74	Yes
													VPVNLLR	0.99	22.07	16.43	22.04	2	953.6144	953.6144	477.8145	0.0000	0.0000	512.91	534.67	543.16	632.73	Yes
													VPVNLLR	0.97	19.49	16.43	24.19	2	953.6146	953.6144	477.8145	0.0002	0.2093	371.57	390.30	392.47	515.81	Yes
EEF1A1	P68104	Elongation factor 1-alpha 1	1.00	12	28.1	0.92	0.17	1.04	0.16	0.92	0.14	40	KLEDGPK	0.89	27.04	26.51	31.21	3	1217.7331	1217.7345	406.9188	-0.0014	-1.1468	81.42	107.29	84.33	97.05	Yes
													KLEDGPK	0.95	20.18	26.48	20.35	3	1217.7343	1217.7345	406.9188	-0.0002	-0.1638	43.60	61.90	64.83	71.21	Yes
													EVSTYIK	0.95	30.87	25.85	33.21	2	1126.6494	1126.6478	564.3312	0.0016	1.4176	150.96	131.31	113.57	158.25	Yes
													EVSTYIK	0.95	31.40	25.90	33.75	2	1126.6502	1126.6478	564.3312	0.0024	2.1264	150.25	137.53	125.86	156.92	Yes
													EVSTYIK	0.95	32.45	25.90	27.90	2	1126.6506	1126.6478	564.3312	0.0028	2.4808	17768.63	15910.76	16007.53	20719.46	Yes
													TIEKFEK	0.64	22.15	25.30	26.73	3	1325.7916	1325.7920	442.9379	-0.0004	-0.3010	2921.05	3811.25	4425.47	4203.85	Yes
													EVSTYIK	0.99	36.11	26.07	35.65	2	1126.6488	1126.6478	564.3312	0.0010	0.8860	9302.49	9386.77	7650.28	10994.28	Yes
													LPLQDVYK	1.00	51.25	26.38	25.89	2	1262.7538	1262.7478	632.3812	0.0060	4.7440	53.28	94.79	2.71	57.69	No
													QTVAVGVIK	0.99	47.98	23.42	31.69	2	1201.7698	1201.7638	601.8892	0.0060	4.9843	15685.61	15049.87	14977.05	18569.55	Yes
													QTVAVGVIK	1.00	53.11	23.36	34.16	2	1201.7710	1201.7638	601.8892	0.0072	5.9811	3837.81	3633.37	3592.92	4791.12	Yes
													LPLQDVYK	1.00	62.85	26.32	28.68	2	1262.7484	1262.7478	632.3812	0.0006	0.4744	2294.01	2351.28	2377.18	3234.44	Yes
													LPLQDVYK	1.00	54.28	26.31	30.49	2	1262.7496	1262.7478	632.3812	0.0018	1.4232	3367.00	3379.27	3513.25	4558.84	Yes
													STTTGHLIYK	1.00	40.09	27.26	33.51	2	1407.7954	1407.7966	704.9056	-0.0012	-0.8512	171.95	217.31	228.56	259.46	Yes
													STTTGHLIYK	1.00	52.04	27.27	34.48	2	1407.7958	1407.7966	704.9056	-0.0008	-0.5675	181.27	209.33	207.03	229.24	Yes
													STTTGHLIYK	1.00	37.12	27.09	17.68	3	1407.7975	1407.7966	470.2728	0.0009	0.6379	1332.66	1690.48	1474.91	1696.55	Yes
													STTTGHLIYK	0.99	26.69	27.24	23.18	3	1407.7981	1407.7966	470.2728	0.0015	1.0632	1774.93	2229.24	2232.62	2422.68	Yes
													QTVAVGVIK	1.00	48.17	23.62	32.44	2	1201.7654	1201.7638	601.8892	0.0016	1.3291	15458.37	14613.81	17682.76	20701.54	Yes
													QTVAVGVIK	1.00	48.09	23.40	32.70	2	1201.7660	1201.7638	601.8892	0.0022	1.8276	18754.24	18176.33	18978.72	26588.94	Yes
													LPLQDVYK	0.87	20.86	26.65	25.90	2	1262.7480	1262.7478	632.3812	0.0002	0.1581	103.18	130.98	99.92	116.76	Yes
													LPLQDVYK	0.90	23.79	26.32	27.53	2	1262.7484	1262.7478	632.3812	0.0006	0.4744	441.13	458.00	361.62	419.32	Yes
													STTTGHLIYK	1.00	41.86	27.14	17.20	3	1407.7972	1407.7966	470.2728	0.0006	0.4253	3874.36	4089.56	4380.22	4854.96	Yes
													STTTGHLIYK	1.00	50.26	27.14	22.29	3	1407.7972	1407.7966	470.2728	0.0006	0.4253	7250.14	7799.09	7287.72	8166.35	Yes
													QLIVGVNK	1.00	38.08	21.46	30.24	2	1157.7362	1157.7376	579.8761	-0.0014	-1.2072	8792.72	9922.15	11003.40	12804.11	Yes
													QLIVGVNK	1.00	38.54	21.46	30.60	2	1157.7366	1157.7376	579.8761	-0.0010	-0.8623	5178.83	6441.51	5327.37	7624.52	Yes
													QTVAVGVIK	0.97	53.44	23.22	32.21	2	1201.7562	1201.7638	601.8892	-0.0076	-6.3135	6332.11	6354.53	6633.71	6887.21	Yes
													QLIVGVNK	0.97	36.56	21.52	28.22	2	1157.7462	1157.7376	579.8761	0.0086	7.4153	18998.35	20985.67	20425.11	25479.71	Yes
													QLIVGVNK	0.91	36.68	21.40	28.69	2	1157.7488	1157.7376	579.8761	0.0112	9.6571	16834.96	18260.89	17236.79	23176.40	Yes
													YYVTIIDAPGHR	1.00	61.20	28.23	18.12	2	1547.8330	1547.8218	774.9182	0.0112	7.2265	54.81	72.04	46.61	76.35	Yes
													EHALLAYTLGVK	1.00	35.98	24.68	26.73	3	1601.9413	1601.9384	534.9867	0.0029	1.8069	685.88	163.49	624.33	579.60	No
													QLIVGVNK	1.00	40.46	21.46	32.92	2	1157.7368	1157.7376	579.8761	-0.0008	-0.6898	1991.46	2165.14	1984.50	2245.10	Yes
													QLIVGVNK	1.00	42.57	20.68	34.60	2	1157.7372	1157.7376	579.8761	-0.0004	-0.3449	787.05	732.11	751.68	864.25	Yes
													YYVTIIDAPGHR	1.00	45.99	28.12	22.06	3	1547.8288	1547.8218	516.9479	0.0070	4.5137	94.76	88.99	96.75	100.90	Yes
													YYVTIIDAPGHR	0.97	36.31	28.34	20.45	3	1547.8312	1547.8218	516.9479	0.0094	6.0612	78.04	74.25	75.00	58.23	No
													YYVTIIDAPGHR	1.00	60.31	28.29	28.10	2	1547.8322	1547.8218	774.9182	0.0104	6.7103	55.03	58.33	49.73	69.67	Yes
													VETGVLKPGMVVTFAPVNVTTEVK	1.00	29.28	18.33	42.28	4	2962.6805	2962.6779	741.6768	0.0026	0.8764	26.38	29.43	28.97	31.14	No
													VETGVLKPGMVVTFAPVNVTTEVK	0.52	70.44	19.34	83.44	3	2946.6841	2946.6830	983.2349	0.0011	0.3729	141.68	268.29	207.12	250.58	No
													VETGVLKPGMVVTFAPVNVTTEVK	0.66	4.37	18.81	17.37	4	2946.6877	2946.6830	737.6780	0.0047	1.5928	10.16	8.60	12.62	9.88	No
													VETGVLKPGMVVTFAPVNVTTEVK	0.77	5.21	18.92	18.21	4	2962.6773	2962.6779	741.6768	-0.0006	-0.2022	43.92	46.36	69.56	45.49	No
													VETGVLKPGMVVTFAPVNVTTEVK	1.00	34.96	18.20	47.96	4	2962.6813	2962.6779	741.6768	0.0034	1.1461	56.81	107.61	63.17	71.78	No
													VETGVLKPGMVVTFAPVNVTTEVK	0.75	3.96	18.33	16.96	4	2962.6805	2962.6779	741.6768	0.0026	0.8764	103.90	105.55	132.02	171.16	No
													THINIVVIGHVDSGK	0.52	13.80	27.38	26.80	3	1587.8737	1587.8733	530.2984	0.0004	0.2514	37.73	32.47	23.24	42.35	No
													IGGIGTVPVGR	1.00	57.29	24.18	31.17	2	1168.7034	1168.7050	585.3598	-0.0016	-1.3667	359.27	424.02	383.63	465.10	Yes
													IGGIGTVPVGR	1.00	54.18	23.07	31.47	2	1168.7048	1168.7050	585.3598	-0.0002	-0.1708	568.39	705.38	585.38	771.67	Yes
													IGGIGTVPVGR	1.00	66.41	24.18	33.61	2	1168.7036	1168.7050	585.3598	-0.0014	-1.1958	6710.75	7880.94	8016.05	9324.69	Yes
													IGGIGTVPVGR	1.00	53.60	23.54	41.69	2	1168.7038	1168.7050	585.3598	-0.0012	-1.0250	1393.83	1768.20	1689.61	1897.46	Yes
													IGGIGTVPVGR	1.00	66.58	23.54	33.14	2	1168.7040	1168.7050	585.3598	-0.0010	-0.8542	1385.66	1720.83	1625.06	1930.83	Yes
													IGGIGTVPVGR	1.00	58.49	23.18	33.13	2	1168.7046	1168.7050	585.3598	-0.0004	-0.3417	5295.18	6272.23	6013.14	7268.67	Yes
													IGGIGTVPVGR	1.00	56.61	23.18	42.18	2	1168.7046	1168.7050	585.3598	-0.0004	-0.3417	1120.28	1358.49	1396.13	1701.43	Yes
													IGGIGTVPVGR	1.00	43.41	23.54	30.37	2	1168.7042	1168.7050	585.3598	-0.0008	-0.6833	231.91	291.73	259.57	290.64	Yes
													IGGIGTVPVGR	1.00	49.80	23.07	37.69	2	1168.7048	1168.7050	585.3598	-0.0002	-0.1708	242.26	269.13	244.40	243.43	Yes
EEF1G	P26641	Elongation factor 1-gamma	1.00	2	7.3	1.43	-	1.24	-	1.41	-	1	AAAPAPEEEMDECEQALAAEPK	1.00	40.71	24.83	35.11	3	2633.1886	2633.1902	878.7373	-0.0016	-0.6069	1.03	0.00	4.46	0.00	No
													AAAPAPEEEMDECEQALAAEPK	1.00	45.10	24.87	34.27	3	2633.1898	2633.1902	878.7373	-0.0004	-0.1517	1.82	3.56	5.83	0.00	No
													ILGLLDAYLK	1.00	69.91	20.13	37.56	2	1405.8788	1405.8788	703.9467	0.0000	0.0000	30.20	51.20	49.49	45.51	Yes
													ILGLLDAYLK	1.00	61.61	19.03	27.28	2	1405.8796	1405.8788	703.9467	0.0008	0.5682	25.45	56.34	50.97	34.08	No
EEF2	P13639	Elongation factor 2	1.00	3	7.2	0.92	0.35	0.92	0.35	1.11	0.22	3	IMGPNYTPGKK	1.00	34.01	25.53	19.90	3	1636.9315	1636.9336	546.6518	-0.0021	-1.2805	271.84	302.54	202.67	217.16	Yes
													GGGQIIPTAR	0.98	34.26	26.61	24.47	2	1112.6448	1112.6424	557.3285	0.0024	2.1531	149.14	208.88	159.26	175.44	Yes
													TILMMGR	0.77	18.52	26.87	26.56	2	964.5320	964.5320	483.2733	0.0000	0.0000	71.04	110.28	101.95	106.02	Yes
EIF4A1	P60842	Eukaryotic initiation factor 4A-I	1.00	5	17.6	1.03	0.28	1.05	0.18	1.02	0.33	24	KEELTLEGIR	1.00	55.87	25.83	33.18	3	1474.8589	1474.8598	492.6272	-0.0009	-0.6090	354.77	368.78	291.25	334.26	Yes
													KEELTLEGIR	1.00	45.74	25.82	31.24	3	1474.8592	1474.8598	492.6272	-0.0006	-0.4060	1244.48	1271.19	1374.83	1414.29	Yes

												GFKDQIYDIFQK	0.99	36.38	26.12	18.85	3	1933.0702	1933.0675	645.3631	0.0027	1.3946	3479.66	2969.12	3385.65	4115.47	Yes
												VFDMLNR	1.00	43.73	27.69	23.28	2	1037.5456	1037.5450	519.7798	0.0006	0.5772	1528.86	1768.02	1808.68	2123.92	Yes
												VFDMLNR	1.00	43.91	27.76	25.48	2	1037.5460	1037.5450	519.7798	0.0010	0.9619	1348.02	1461.88	1776.83	2085.09	Yes
												VFDMLNR	0.99	36.10	27.33	19.37	2	1053.5376	1053.5399	527.7772	-0.0023	-2.1790	1689.29	2311.11	1987.63	2237.01	Yes
												VFDMLNR	0.75	22.37	27.33	21.44	2	1053.5380	1053.5399	527.7772	-0.0019	-1.8000	1003.64	1834.36	954.06	1371.24	No
												LQMEAPHIIVGTPGR	0.52	69.27	27.59	82.27	3	1761.9694	1761.9682	588.3300	0.0012	0.6799	408.60	576.96	509.20	464.58	Yes
												LQMEAPHIIVGTPGR	1.00	64.15	27.59	17.83	3	1761.9697	1761.9682	588.3300	0.0015	0.8499	573.92	963.36	974.73	843.82	Yes
												LQMEAPHIIVGTPGR	0.52	31.90	27.92	44.90	3	1777.9645	1777.9631	593.6616	0.0014	0.7861	241.23	294.61	187.84	236.52	Yes
												LQMEAPHIIVGTPGR	1.00	55.00	27.95	20.20	3	1777.9648	1777.9631	593.6616	0.0017	0.9545	1603.69	2393.24	1524.84	1897.50	Yes
												VFDMLNR	1.00	35.95	27.66	25.02	2	1037.5450	1037.5450	519.7798	0.0000	0.0000	1640.49	1606.75	1804.03	2081.72	Yes
												VFDMLNR	1.00	44.01	27.69	23.77	2	1037.5454	1037.5450	519.7798	0.0004	0.3848	1594.36	1415.06	1796.23	2052.12	Yes
												VLITTDLLAR	0.97	43.51	23.26	43.92	2	1257.7794	1257.7778	629.8962	0.0016	1.2700	330.47	330.24	350.24	337.43	Yes
												LQMEAPHIIVGTPGR	1.00	101.82	27.78	34.79	2	1761.9670	1761.9682	881.9914	-0.0012	-0.6803	141.39	143.90	148.37	169.82	Yes
												LQMEAPHIIVGTPGR	1.00	79.37	27.53	17.99	3	1761.9688	1761.9682	588.3300	0.0006	0.3399	1712.22	2439.82	2410.21	1940.26	Yes
												LQMEAPHIIVGTPGR	0.52	58.02	27.47	71.02	3	1761.9691	1761.9682	588.3300	0.0009	0.5099	1248.08	2096.55	1684.40	1833.68	Yes
												LQMEAPHIIVGTPGR	1.00	69.44	27.73	20.88	3	1777.9624	1777.9631	593.6616	-0.0007	-0.3930	286.19	562.90	493.59	415.90	Yes
												LQMEAPHIIVGTPGR	0.52	63.85	27.77	76.85	3	1777.9630	1777.9631	593.6616	-0.0001	-0.0561	715.36	1099.84	771.59	1104.32	Yes
												VLITTDLLAR	0.99	51.58	23.44	51.08	2	1257.7784	1257.7778	629.8962	0.0006	0.4763	9683.27	8695.44	8557.02	11355.70	Yes
												VLITTDLLAR	0.99	51.68	23.44	48.65	2	1257.7790	1257.7778	629.8962	0.0012	0.9525	11899.07	10559.41	15204.85	15461.47	Yes
												LQMEAPHIIVGTPGR	0.52	66.08	27.47	79.08	3	1761.9691	1761.9682	588.3300	0.0009	0.5099	668.41	1183.00	1237.43	1024.12	Yes
												LQMEAPHIIVGTPGR	0.52	70.03	27.59	83.03	3	1761.9694	1761.9682	588.3300	0.0012	0.6799	289.66	496.88	445.27	441.81	Yes
												LQMEAPHIIVGTPGR	0.52	60.69	27.92	73.69	3	1777.9645	1777.9631	593.6616	0.0014	0.7861	69.27	96.82	75.53	94.70	Yes
												VLITTDLLAR	1.00	54.49	23.71	48.74	2	1257.7774	1257.7778	629.8962	-0.0004	-0.3175	327.99	348.17	384.88	438.93	Yes
EPPK1	P58107	Epiplakin	1.00	2	3.4	0.93	-	0.93	-	0.75	-	1	AEAEAGSPRPDPR	0.92	20.55	28.13	20.16	3	1495.7500	1495.7501	499.5906	-0.0001	-0.0667	144.42	130.40	155.22	162.80	Yes
												AGTLTVEELGATLTSLLAQAQAQAR	1.00	66.13	24.07	18.73	3	2656.4542	2656.4517	886.4912	0.0025	0.9400	0.00	0.00	2.06	1.27	No
												AGTLTVEELGATLTSLLAQAQAQAR	1.00	54.67	23.89	18.40	3	2656.4569	2656.4517	886.4912	0.0052	1.9553	1.22	1.61	0.00	0.00	No
												AGTLTVEELGATLTSLLAQAQAQAR	1.00	58.58	23.98	17.26	3	2656.4548	2656.4517	886.4912	0.0031	1.1656	2.83	0.00	4.24	5.55	No
EPRS	P07814	Bifunctional aminoacyl-tRNA synthetase	1.00	5	5.4	1.14	0.22	1.11	0.14	1.12	0.20	7	KGDIIQLQR	0.90	29.20	23.77	18.25	3	1357.8208	1357.8285	453.6168	-0.0077	-5.6583	96.88	98.79	96.99	131.25	Yes
												AIQGGTSHHLGQNFSK	0.80	14.24	27.58	16.47	4	1969.0369	1969.0374	493.2666	-0.0005	-0.2534	634.54	980.78	1048.42	931.76	Yes
												AIQGGTSHHLGQNFSK	0.86	15.12	27.54	28.12	4	1969.0373	1969.0374	493.2666	-0.0001	-0.0507	330.60	445.24	378.30	416.96	Yes
												LQAILEDIQVTLFTR	0.52	39.08	23.94	52.08	3	1903.0915	1903.0900	635.3706	0.0015	0.7869	19.67	14.71	9.30	17.29	No
												LQAILEDIQVTLFTR	1.00	65.24	23.94	20.11	3	1903.0921	1903.0900	635.3706	0.0021	1.1017	14.79	19.32	16.40	16.17	No
												LSSCDSFTSTINELNHCLSLR	1.00	56.73	24.73	16.68	3	2575.1683	2575.1661	859.3960	0.0022	0.8533	5.63	10.69	9.28	5.72	No
												SCQFVAVR	1.00	47.23	26.21	27.42	2	1098.5438	1098.5436	550.2791	0.0002	0.1817	678.99	860.40	885.12	1082.92	Yes
												SCQFVAVR	1.00	42.34	26.21	20.82	2	1098.5438	1098.5436	550.2791	0.0002	0.1817	1048.88	1599.46	1363.80	1288.16	Yes
												LQAILEDIQVTLFTR	1.00	55.32	23.89	20.19	3	1903.0945	1903.0900	635.3706	0.0045	2.3608	14.82	7.66	7.02	7.58	No
												LQAILEDIQVTLFTR	1.00	41.12	23.89	16.61	3	1903.0945	1903.0900	635.3706	0.0045	2.3608	4.15	7.60	8.72	6.66	No
												SCQFVAVR	1.00	38.28	26.50	28.31	2	1098.5432	1098.5436	550.2791	-0.0004	-0.3635	453.00	712.23	683.27	656.54	Yes
												SCQFVAVR	1.00	41.29	26.50	29.84	2	1098.5432	1098.5436	550.2791	-0.0004	-0.3635	504.18	646.48	671.04	608.31	Yes
FAM136A	Q96C01	Protein FAM136A	1.00	10	68.1	1.14	0.34	1.02	0.24	1.04	0.29	56	AKDSIDAGSK	0.63	36.20	27.35	19.65	2	1422.8030	1422.8044	712.4095	-0.0014	-0.9826	31.67	50.76	57.30	58.91	Yes
												AKDSIDAGSK	1.00	41.55	27.40	22.71	3	1422.8050	1422.8044	475.2754	0.0006	0.4208	210.97	283.42	318.07	307.10	Yes
												AKDSIDAGSK	1.00	41.28	27.47	19.02	3	1422.8053	1422.8044	475.2754	0.0009	0.6312	261.15	322.58	324.09	364.54	Yes
												AKDSIDAGSK	0.95	35.99	27.44	23.34	3	1422.8017	1422.8044	475.2754	-0.0027	-1.8936	118.05	140.44	151.17	133.54	Yes
												AKDSIDAGSK	1.00	43.92	27.52	21.06	3	1422.8056	1422.8044	475.2754	0.0012	0.8416	167.82	184.97	199.02	202.43	Yes
												QQLDSCVTK	0.80	26.20	25.71	20.11	2	1210.5836	1210.5808	606.2977	0.0028	2.3091	10.65	11.06	19.47	8.47	No
												VQEAVESMVK	0.67	25.87	28.36	20.27	3	1422.7573	1422.7632	475.2617	-0.0059	-4.1381	88.62	84.52	101.06	75.64	Yes
												VQEAVESMVK	0.79	27.78	28.36	14.82	3	1422.7573	1422.7632	475.2617	-0.0059	-4.1381	57.57	76.46	98.30	74.40	Yes
												VQEAVESMVK	0.76	26.55	28.53	17.79	3	1422.7579	1422.7632	475.2617	-0.0053	-3.7173	52.85	94.54	97.31	77.27	Yes
												VQEAVESMVK	0.74	38.01	28.53	19.45	2	1422.7582	1422.7632	712.3889	-0.0050	-3.5093	38.50	28.26	32.16	20.93	No
												VQEAVESMVK	0.98	40.26	28.33	19.27	2	1422.7594	1422.7632	712.3889	-0.0038	-2.6671	13.19	36.81	20.79	28.61	No
												QVHQCIER	0.99	24.16	24.74	17.39	3	1201.5814	1201.5818	401.5345	-0.0004	-0.3321	51.84	65.49	71.87	44.78	Yes
												QVHQCIER	0.98	21.54	25.15	21.55	3	1201.5820	1201.5818	401.5345	0.0002	0.1660	65.04	79.10	81.81	82.86	Yes
												QQLDSCVTK	0.97	32.10	27.07	19.93	2	1354.6812	1354.6828	678.3487	-0.0016	-1.1793	924.04	1148.90	1223.69	1175.05	Yes
												QQLDSCVTK	0.98	30.64	27.08	19.96	2	1354.6814	1354.6828	678.3487	-0.0014	-1.0319	878.71	1135.34	1335.18	1227.54	Yes
												VQEAVESMVK	1.00	68.11	28.21	23.89	2	1406.7698	1406.7683	704.3914	0.0015	1.0647	393.11	438.72	511.09	515.18	Yes
												VQEAVESMVK	1.00	72.27	28.51	24.94	2	1406.7752	1406.7683	704.3914	0.0069	4.8978	19.40	37.66	39.40	32.45	No
												VQEAVESMVK	1.00	67.67	28.44	24.02	2	1406.7776	1406.7683	704.3914	0.0093	6.6014	291.39	327.34	329.49	301.64	Yes
												EALLSIGK	1.00	38.70	24.00	30.61	2	1117.6942	1117.6950	559.8548	-0.0008	-0.7145	6627.41	7524.11	7832.02	7830.68	Yes
												EALLSIGK	0.99	31.79	24.00	27.71	2	1117.6944	1117.6950	559.8548	-0.0006	-0.5359	7895.04	10052.02	10178.24	9562.52	Yes
												QVHQCIER	0.93	17.47	24.74	17.12	3	1201.5814	1201.5818	401.5345	-0.0004	-0.3321	22.85	26.93	27.09	22.78	No
												QVHQCIER	1.00	35.10	24.71	18.07	3	1201.5817	1201.5818	401.5345	-0.0001	-0.0830	162.41	232.93	232.21	195.39	Yes
												QVHQCIER	0.98	21.04	24.71	21.27	3	1201.5817	1201.5818	401.5345	-0.0001	-0.0830	145.40	211.45	276.17	141.65	Yes
												QVHQCIER	0.99	23.46	25.15	22.71	3	1201.5820	1201.5818	401.5345	0.0002	0.1660	22.04	29.64	27.80	24.56	No
												CTMHCNDK	0.52	12.62	16.43	25.62	3	1330.5211	1330.5204	444.5141	0.0007	0.5249	1520.45	2520.42	2474.91	2084.69	Yes
												CTMHCNDK	0.52	18.12	16.53	31.12	3	1330.5214	1330.5204	444.5141	0.0010	0.7499	6173.18	8847.63	10568.59	8375.90	Yes
												QQLDSCVTK	0.99	42.45	27.08	21.96	2	1354.6786	1354.6828	678.3487	-0.0042	-3.0958	552.33	814.39	781.04	727.29	Yes
												QQLDSCVTK	0.99	32.46	27.09	20.72	2	1354.6822	1354.6828	678.3487	-0.0006	-0.4423	523.29	699.79	797.77	721.84	Yes
												EALLSIGK	1.00	36.47	23.98	24.81	2	1117.6946	1117.6950	559.8548	-0.0004	-0.3572	3737.07	4948.84	5579.58	5478.66	Yes
												EALLSIGK	1.00	43.60	25.24	35.38	2	1117.6964	1117.6950	559.8548	0.0014	1.2503	12647.22	16144.28	15806.41	17122.11	Yes
												EALLSIGK	1.00	38.29	25.62	32.49	2	1117.6952	1117.6950	559.8548	0.0002	0.1786	4220.77	5232.12	5512.41	5723.23	Yes
												EALLSIGK	1.00	39.79	25.54	33.67	2	1117.6954	1117.6950	559.8548	0.0004	0.3572	4914.56	6074.42	6145.34	6440.99	Yes
												CTMHCNDK	0.52	11.01	16.63	24.01	3	1330.5205	1330.5204	444.5141	0.0001	0.0750	713.55	738.72	891.55	790.13	Yes
												CVDDHMHLIPTMTK	0.93	42.32	26.45	17.38	3	1973.9431	1973.9439	658.9886	-0.0008	-0.4047	3983.00	4918.71	7247.77	5752.04	Yes
												CVDDHMHLIPTMTK	0.69	31.19	26.45	15.58	3	1973.9431	1973.9439	658.9886	-0.0008	-0.4047	2836.51	4594.49	5055.47	3700.02	Yes
												CVDDHMHLIPTMTK	0.62	22.70	26.52	19.56	4	1973.9457	1973.9439	494.4933	0.0018	0.9100	86.53	92.02	121.50	24.79	No
												CVDDHMHLIPTMTK	0.89	29.32	26.51	16.86	4	1973.9461	1973.9439	494.4933	0.0022	1.1122	539.22	973.38	1045.02	971.54	Yes
												CVDDHMHLIPTMTK	0.92	28.88	26.48	19.49	4	1973.9453	1973.9439	494.4933	0.0014	0.7078	35.70	85.64	78.97	219.02	No
												CHVPLAQAQALVTSELEK	0.72	74.93	27.13	87.93	2	2270.2014	2270.2006	1136.1076	0.0008	0.3521	169.45	55.44	302.77	133.06	No

													CHVPLAQAQALVTSELEK	1.00	54.61	27.06	18.04	3	2270.2030	2270.2006	757.7408	0.0024	1.0558	671.13	220.01	1410.57	509.15	No
													CHVPLAQAQALVTSELEK	1.00	47.57	27.02	60.57	4	2270.2037	2270.2006	568.5574	0.0031	1.3631	702.71	115.86	1214.49	575.33	No
													CHVPLAQAQALVTSELEK	1.00	40.44	26.81	19.52	3	2270.2048	2270.2006	757.7408	0.0042	1.8476	1006.89	401.14	2833.33	1281.53	No
													MKEALLSIGK	1.00	30.29	20.04	18.77	3	1520.9323	1520.9325	507.9848	-0.0002	-0.1312	3868.49	5581.95	4655.09	4344.31	Yes
													MKEALLSIGK	1.00	30.13	20.13	17.52	3	1520.9329	1520.9325	507.9848	0.0004	0.2625	4234.59	5241.89	6122.88	4737.88	Yes
													CHVPLAQAQALVTSELEK	1.00	38.09	28.06	20.61	3	2126.0998	2126.0986	709.7068	0.0012	0.5636	21.41	30.63	24.15	12.97	No
													CHVPLAQAQALVTSELEK	1.00	41.01	28.05	22.59	3	2126.1001	2126.0986	709.7068	0.0015	0.7045	37.64	27.65	25.91	26.79	No
													CHVPLAQAQALVTSELEK	1.00	48.53	26.81	16.42	4	2270.2053	2270.2006	568.5574	0.0047	2.0666	382.22	62.49	560.19	379.26	No
													CHVPLAQAQALVTSELEK	1.00	51.71	26.79	20.38	3	2270.2057	2270.2006	757.7408	0.0051	2.2435	636.26	165.91	1016.20	538.81	No
													MKEALLSIGK	0.98	47.99	21.85	16.55	2	1520.9306	1520.9325	761.4735	-0.0019	-1.2476	721.83	910.95	1042.41	881.11	Yes
													MKEALLSIGK	0.98	32.31	20.13	27.09	3	1520.9326	1520.9325	507.9848	0.0001	0.0656	1962.00	2860.51	3609.43	2568.12	Yes
													CHVPLAQAQALVTSELEK	0.95	23.73	26.79	14.65	3	2270.2051	2270.2006	757.7408	0.0045	1.9796	30.10	7.44	37.69	12.92	No
													MKEALLSIGK	0.95	25.07	21.58	14.86	3	1520.9320	1520.9325	507.9848	-0.0005	-0.3281	440.44	692.20	577.40	560.90	Yes
													CHVPLAQAQALVTSELEK	1.00	43.59	26.75	17.53	3	2270.2060	2270.2006	757.7408	0.0054	2.3755	21.88	13.97	39.02	22.74	No
													QVHQCIER	0.92	17.24	24.71	19.32	3	1201.5817	1201.5818	401.5345	-0.0001	-0.0830	92.70	134.64	151.05	123.07	Yes
													QVHQCIER	1.00	29.41	25.13	22.58	3	1201.5823	1201.5818	401.5345	0.0005	0.4151	109.19	199.09	251.81	207.38	Yes
													CTMHCNDK	0.99	16.65	15.05	14.33	3	1346.5141	1346.5153	449.8457	-0.0012	-0.8892	109.45	268.49	216.13	213.74	Yes
													MQGLMFR	0.84	21.74	26.59	28.36	2	1041.5228	1041.5221	521.7683	0.0007	0.6708	518.40	395.46	417.19	475.61	Yes
													MQGLMFR	0.85	22.12	26.69	26.48	2	1041.5230	1041.5221	521.7683	0.0009	0.8625	440.12	294.15	340.70	407.67	Yes
													MQGLMFR	0.93	22.34	25.19	26.27	2	1057.5168	1057.5171	529.7658	-0.0003	-0.2831	251.93	260.39	215.91	281.55	Yes
													MQGLMFR	0.75	16.40	25.20	23.56	2	1057.5170	1057.5171	529.7658	-0.0001	-0.0944	262.47	279.15	229.17	261.54	Yes
													MQGLMFR	0.81	19.17	26.59	25.48	2	1041.5222	1041.5221	521.7683	0.0001	0.0958	303.10	289.15	293.04	310.93	Yes
													MQGLMFR	0.93	23.74	26.59	27.86	2	1041.5224	1041.5221	521.7683	0.0003	0.2875	423.62	329.24	404.82	393.44	Yes
													MQGLMFR	0.98	29.74	26.71	26.80	2	1025.5272	1025.5272	513.7709	0.0000	0.0000	119.92	149.33	146.69	136.60	Yes
													MQGLMFR	0.93	23.87	26.71	24.80	2	1025.5270	1025.5272	513.7709	-0.0002	-0.1946	177.49	223.78	201.43	235.51	Yes
													MQGLMFR	0.98	29.00	27.02	27.36	2	1025.5274	1025.5272	513.7709	0.0002	0.1946	287.11	379.69	308.30	351.06	Yes
													MQGLMFR	0.97	26.99	27.02	30.88	2	1025.5276	1025.5272	513.7709	0.0004	0.3893	454.62	594.21	567.09	644.36	Yes
													MQGLMFR	0.95	27.36	27.02	25.23	2	1025.5278	1025.5272	513.7709	0.0006	0.5839	658.54	881.05	882.17	940.09	Yes
													MQGLMFR	0.88	22.49	26.36	29.86	2	1041.5216	1041.5221	521.7683	-0.0005	-0.4791	96.61	83.10	75.05	103.85	Yes
													MQGLMFR	0.58	16.00	26.36	26.43	2	1041.5216	1041.5221	521.7683	-0.0005	-0.4791	43.11	53.15	46.70	50.97	Yes
													MQGLMFR	0.65	17.02	26.36	24.10	2	1041.5216	1041.5221	521.7683	-0.0005	-0.4791	64.05	56.29	67.23	66.46	Yes
													MQGLMFR	0.98	28.24	26.71	26.67	2	1025.5270	1025.5272	513.7709	-0.0002	-0.1946	496.87	592.23	573.88	600.10	Yes
													MQGLMFR	0.92	22.95	26.71	29.78	2	1025.5272	1025.5272	513.7709	0.0000	0.0000	206.67	201.27	159.37	211.13	Yes
													MQGLMFR	0.97	29.49	27.02	28.77	2	1025.5278	1025.5272	513.7709	0.0006	0.5839	259.49	283.79	292.82	308.12	Yes
													MQGLMFR	0.95	28.92	27.06	34.15	2	1025.5282	1025.5272	513.7709	0.0010	0.9732	383.81	508.81	512.37	515.38	Yes
FAM83H	Q6ZRV2	Protein FAM83H	1.00	3	2.5	0.91	0.17	0.93	0.31	1.05	0.22	5	GLEPSGAPRPNLTQR	0.97	36.29	27.28	21.38	3	1735.9549	1735.9451	579.6556	0.0098	5.6355	414.01	409.61	390.56	328.60	Yes
													LNPLVQR	0.92	23.82	23.73	24.98	2	982.6026	982.6045	492.3095	-0.0019	-1.9297	790.40	997.52	792.84	913.72	Yes
													LNPLVQR	0.95	22.15	22.74	25.83	2	982.6038	982.6045	492.3095	-0.0007	-0.7109	638.85	821.83	634.36	756.94	Yes
													LNPLVQR	0.61	11.29	22.74	19.44	2	982.6044	982.6045	492.3095	-0.0001	-0.1016	489.51	632.89	468.24	531.17	Yes
													FQTSHFHR	0.52	21.01	26.81	34.01	3	1202.6074	1202.6067	401.8762	0.0007	0.5806	65.08	104.95	87.91	107.23	Yes
FASN	P49327	Fatty acid synthase	1.00	9	5.7	0.74	0.19	0.97	0.15	0.95	0.17	10	LPEDPLLSGLLDSPALK	1.00	60.76	21.21	23.36	3	2065.1938	2065.1914	689.4044	0.0024	1.1604	10.88	11.39	8.55	16.75	No
													RPTPQDSPIFLPVDDTSFR	1.00	49.63	27.00	19.97	3	2331.1918	2331.1981	778.0733	-0.0063	-2.6990	14.49	38.22	18.50	21.45	No
													FDASFFGVHPK	1.00	46.95	27.57	25.01	3	1538.8162	1538.8126	513.9448	0.0036	2.3349	956.88	1016.68	855.23	1252.13	Yes
													FPQLDSTSFANSR	1.00	67.23	27.08	21.70	2	1612.7964	1612.7967	807.4056	-0.0003	-0.1858	100.90	114.90	64.52	119.47	Yes
													FPQLDSTSFANSR	1.00	63.03	27.06	22.58	2	1612.7976	1612.7967	807.4056	0.0009	0.5573	73.38	61.30	48.14	58.68	Yes
													FDASFFGVHPK	1.00	30.64	27.75	18.07	3	1538.8150	1538.8126	513.9448	0.0024	1.5566	154.32	124.29	103.84	75.47	No
													TLLEGSGLESIISIIHSSLAEPR	1.00	77.72	24.25	19.10	3	2565.4132	2565.4135	856.1451	-0.0003	-0.1168	7.42	19.05	9.79	19.80	No
													LVLTSR	0.81	15.61	23.14	25.39	2	831.5300	831.5300	416.7723	0.0000	0.0000	2170.09	2142.18	1663.77	2511.71	Yes
													LVLTSR	0.86	16.95	23.14	26.44	2	831.5300	831.5300	416.7723	0.0000	0.0000	2292.57	2508.37	1827.10	2769.03	Yes
													DLVEAVAHILGIR	1.00	76.14	25.22	22.47	3	1548.9118	1548.9110	517.3109	0.0008	0.5155	300.68	367.26	393.35	371.81	Yes
													DLVEAVAHILGIR	1.00	78.41	25.38	18.18	3	1548.9121	1548.9110	517.3109	0.0011	0.7088	191.20	269.83	181.50	247.36	Yes
													DLVEAVAHILGIR	1.00	83.85	25.12	28.42	2	1548.9122	1548.9110	775.4628	0.0012	0.7737	30.27	28.44	20.86	32.42	No
													DLVEAVAHILGIR	1.00	83.19	25.07	27.39	2	1548.9126	1548.9110	775.4628	0.0016	1.0316	52.64	66.88	44.98	65.71	Yes
													TLLEGSGLESIISIIHSSLAEPR	1.00	81.45	24.00	21.10	3	2565.4153	2565.4135	856.1451	0.0018	0.7008	19.72	39.78	23.86	24.99	No
													DLVEAVAHILGIR	1.00	88.50	25.21	23.21	3	1548.9112	1548.9110	517.3109	0.0002	0.1289	165.19	210.69	135.80	224.02	Yes
													DLVEAVAHILGIR	1.00	90.62	25.07	24.69	3	1548.9127	1548.9110	517.3109	0.0017	1.0954	86.33	105.94	85.66	108.95	Yes
													DLVEAVAHILGIR	1.00	97.96	24.94	28.92	2	1548.9132	1548.9110	775.4628	0.0022	1.4185	13.09	10.15	5.07	10.33	No
													IPGLLSPHPLLQLSYTATDR	0.52	38.31	24.12	51.31	3	2335.3036	2335.3022	779.4413	0.0014	0.5987	20.64	14.38	12.11	11.50	No
													DLVEAVAHILGIR	1.00	79.42	24.94	23.11	3	1548.9133	1548.9110	517.3109	0.0023	1.4820	23.16	40.96	23.40	32.04	No
													DLVEAVAHILGIR	1.00	95.81	24.08	32.50	2	1548.9170	1548.9110	775.4628	0.0060	3.8686	17.86	7.65	6.35	16.08	No
													IPGLLSPHPLLQLSYTATDR	1.00	47.41	24.01	17.43	3	2335.3012	2335.3022	779.4413	-0.0010	-0.4277	17.09	24.05	18.75	24.16	No
													IPGLLSPHPLLQLSYTATDR	1.00	46.64	24.03	16.06	3	2335.3021	2335.3022	779.4413	-0.0001	-0.0428	23.03	15.22	9.44	19.12	No
													GMGLSLMR	0.92	23.94	27.36	19.78	2	1023.5324	1023.5327	512.7736	-0.0003	-0.2925	29.85	18.61	33.38	30.21	No
													GMGLSLMR	0.94	29.45	27.46	18.50	2	1023.5346	1023.5327	512.7736	0.0019	1.8527	22.23	29.11	32.34	28.91	No
FLNA	P21333	Filamin-A	1.00	4	2.0	1.07	0.14	1.03	0.20	0.93	0.23	10	ATCAPQHGAPGPGPADASK	1.00	53.43	26.44	20.77	3	2065.9852	2065.9917	689.6712	-0.0065	-3.1416	5.26	12.37	7.31	8.83	No
													ATCAPQHGAPGPGPADASK	1.00	45.83	26.69	16.40	3	2065.9885	2065.9917	689.6712	-0.0032	-1.5466	12.77	8.70	19.16	5.57	No
													VNVGAGSHPNK	1.00	33.61	27.64	16.81	3	1366.7557	1366.7561	456.5926	-0.0004	-0.2920	93.82	137.37	112.54	119.31	Yes
													VNVGAGSHPNK	1.00	34.60	27.64	16.63	3	1366.7560	1366.7561	456.5926	-0.0001	-0.0730	88.99	112.13	114.94	119.10	Yes
													VNVGAGSHPNK	1.00	44.19	27.65	23.90	3	1366.7563	1366.7561	456.5926	0.0002	0.1460	283.60	325.70	355.68	358.60	Yes
													VNVGAGSHPNK	1.00	35.76	27.65	20.55	3	1366.7563	1366.7561	456.5926	0.0002	0.1460	230.62	313.78	304.55	358.57	Yes
													VNVGAGSHPNK	1.00	50.34	27.24	21.23	3	1366.7551	1366.7561	456.5926	-0.0010	-0.7300	85.04	87.09	84.36	70.15	Yes
													VNVGAGSHPNK	1.00	36.82	27.64	16.94	3	1366.7560	1366.7561	456.5926	-0.0001	-0.0730	64.97	80.92	91.90	88.13	Yes
													VHGPGIQSGTTNKPNK	1.00	36.42	24.33	16.94	4	2066.1609	2066.1598	517.5472	0.0011	0.5314	72.27	53.53	80.12	87.56	Yes
													VHGPGIQSGTTNKPNK	1.00	34.57	24.20	16.02	4	2066.1613	2066.1598	517.5472	0.0015	0.7246	184.82	142.91	260.41	271.64	Yes
													VHGPGIQSGTTNKPNK	0.95	19.44	26.54	15.93	4	1922.0545	1922.0578	481.5217	-0.0033	-1.7133	19.40	64.11	13.86	17.88	No
													IQQNTFTR	0.98	34.47	28.20	26.32	2	1150.6240	1150.6217	576.3181	0.0023	1.9954	125.78	152.76	143.49	144.12	Yes
													IQQNTFTR	0.97	37.61	28.31	29.06	2	1150.6242	1150.6217	576.3181	0.0025	2.1689	215.30	259.60	246.25	287.02	Yes
													VHGPGIQSGTTNKPNK	0.97	20.49	26.52	14.92	4	1922.0549	1922.0578	481.5217	-0.0029	-1.5056	22.83	70.70	14.05	23.88	No

													VNVGAGSHPNK	0.52	25.54	27.64	38.54	3	1366.7557	1366.7561	456.5926	-0.0004	-0.2920	21.54	34.09	30.77	29.78	No
FN1	P02751	Fibronectin	1.00	2	0.8	1.21	0.19	1.06	0.16	1.49	0.58	8	LGVRPSQGGEAPR	1.00	35.43	27.17	19.62	3	1466.8066	1466.8076	489.9431	-0.0010	-0.6804	167.22	249.75	234.55	204.41	Yes
													LGVRPSQGGEAPR	1.00	33.56	27.32	24.52	3	1466.8060	1466.8076	489.9431	-0.0016	-1.0886	648.12	1439.89	960.44	969.30	Yes
													LGVRPSQGGEAPR	1.00	34.29	27.17	18.43	3	1466.8066	1466.8076	489.9431	-0.0010	-0.6804	314.15	814.31	524.10	450.69	Yes
													LGVRPSQGGEAPR	0.68	33.09	27.90	21.14	3	1466.7988	1466.8076	489.9431	-0.0088	-5.9871	199.01	413.93	311.79	263.29	Yes
													LGVRPSQGGEAPR	1.00	37.91	27.32	18.89	3	1466.8060	1466.8076	489.9431	-0.0016	-1.0886	258.04	683.59	378.27	382.43	Yes
													ITCTSR	0.69	14.83	24.89	23.46	2	869.4218	869.4221	435.7183	-0.0003	-0.3443	723.30	924.95	891.57	870.40	Yes
													ITCTSR	0.88	19.52	24.89	19.35	2	869.4220	869.4221	435.7183	-0.0001	-0.1148	943.95	1244.98	1175.61	1082.59	Yes
													ITCTSR	0.78	16.56	24.89	19.39	2	869.4222	869.4221	435.7183	0.0001	0.1148	672.08	899.85	733.40	723.58	Yes
FRS3	O43559	Fibroblast growth factor receptor substrate 3	0.91	2	1.8	-	-	-	-	-	-	0	TVAMSNLQR	0.98	29.61	27.83	31.79	2	1178.6196	1178.6199	590.3172	-0.0003	-0.2541	7.99	18.06	19.22	14.26	No
													INEPSTYK	0.53	14.97	27.62	18.09	2	1094.5726	1094.5730	548.2938	-0.0004	-0.3648	16.46	14.33	12.34	19.02	No
FUS	P35637	RNA-binding protein FUS	1.00	6	18.7	0.93	0.20	0.94	0.22	1.20	0.32	22	APKPDGPGGGPGGSHMGGNYGDDR	1.00	35.78	24.91	48.78	4	2556.1649	2556.1656	640.0487	-0.0007	-0.2734	159.93	120.43	123.86	130.80	No
													APKPDGPGGGPGGSHMGGNYGDDR	1.00	54.92	25.60	67.92	4	2540.1709	2540.1707	636.0500	0.0002	0.0786	2427.34	3414.51	3056.27	3028.37	Yes
													APKPDGPGGGPGGSHMGGNYGDDR	1.00	46.79	25.61	59.79	4	2540.1729	2540.1707	636.0500	0.0022	0.8647	4476.94	8972.75	6797.58	5627.73	Yes
													APKPDGPGGGPGGSHMGGNYGDDR	1.00	26.61	24.97	39.61	4	2556.1653	2556.1656	640.0487	-0.0003	-0.1172	316.66	445.77	349.10	346.50	Yes
													APKPDGPGGGPGGSHMGGNYGDDR	0.52	42.29	24.97	55.29	3	2556.1654	2556.1656	853.0625	-0.0002	-0.0781	17.91	26.62	18.54	24.41	No
													APKPDGPGGGPGGSHMGGNYGDDR	1.00	65.24	25.71	78.24	4	2540.1753	2540.1707	636.0500	0.0046	1.8080	2450.09	3138.97	2042.47	3093.00	Yes
													APKPDGPGGGPGGSHMGGNYGDDR	1.00	57.68	25.71	70.68	4	2540.1745	2540.1707	636.0500	0.0038	1.4936	1339.98	2503.76	1608.64	1731.08	Yes
													APKPDGPGGGPGGSHMGGNYGDDR	1.00	49.27	25.75	62.27	4	2540.1749	2540.1707	636.0500	0.0042	1.6508	398.61	787.25	522.96	610.82	Yes
													EFSGNPIK	1.00	37.49	27.68	31.52	2	1178.6542	1178.6539	590.3342	0.0003	0.2541	3495.94	4221.39	3096.62	3479.04	Yes
													EFSGNPIK	0.99	32.64	27.68	27.88	2	1178.6542	1178.6539	590.3342	0.0003	0.2541	22970.13	29754.25	21018.54	23400.70	Yes
													LKGEATVSFDDPPSAK	1.00	48.24	26.42	19.35	3	2093.1367	2093.1370	698.7196	-0.0003	-0.1431	102.64	178.15	111.72	99.93	Yes
													LKGEATVSFDDPPSAK	1.00	55.89	26.11	21.24	3	2093.1430	2093.1370	698.7196	0.0060	2.8624	682.96	1018.15	779.18	935.43	Yes
													APKPDGPGGGPGGSHMGGNYGDDR	1.00	59.04	25.58	72.04	4	2540.1713	2540.1707	636.0500	0.0006	0.2358	805.00	1165.55	856.26	902.85	Yes
													APKPDGPGGGPGGSHMGGNYGDDR	1.00	52.04	25.69	65.04	4	2540.1737	2540.1707	636.0500	0.0030	1.1792	1008.21	1621.13	1367.19	1253.76	Yes
													APKPDGPGGGPGGSHMGGNYGDDR	1.00	32.44	25.00	45.44	4	2556.1665	2556.1656	640.0487	0.0009	0.3515	118.69	123.62	129.18	134.37	Yes
													EFSGNPIK	0.66	27.50	28.55	25.62	2	1178.6500	1178.6539	590.3342	-0.0039	-3.3032	32.82	36.58	24.28	34.46	No
													EFSGNPIK	0.67	21.71	28.17	23.89	2	1178.6522	1178.6539	590.3342	-0.0017	-1.4399	32.43	52.91	36.93	50.21	Yes
													APKPDGPGGGPGGSHMGGNYGDDR	1.00	34.23	25.51	16.85	4	2540.1665	2540.1707	636.0500	-0.0042	-1.6508	22.50	31.82	35.98	25.37	No
													APKPDGPGGGPGGSHMGGNYGDDR	1.00	42.84	25.49	15.96	4	2540.1677	2540.1707	636.0500	-0.0030	-1.1792	15.63	34.78	17.99	8.39	No
													APKPDGPGGGPGGSHMGGNYGDDR	1.00	28.62	25.59	16.50	4	2540.1705	2540.1707	636.0500	-0.0002	-0.0786	17.00	38.98	36.02	41.23	No
													TGQPMINLYTDR	1.00	56.40	27.90	34.77	2	1551.7816	1551.7837	776.8991	-0.0021	-1.3515	668.52	1389.01	905.80	983.39	Yes
													TGQPMINLYTDR	1.00	53.93	27.91	28.73	2	1551.7826	1551.7837	776.8991	-0.0011	-0.7079	462.55	731.91	575.48	626.21	Yes
													TGQPMINLYTDR	1.00	66.96	28.03	34.17	2	1551.7834	1551.7837	776.8991	-0.0003	-0.1931	152.29	302.15	278.16	227.21	No
													KTGQPMINLYTDR	1.00	47.24	27.20	20.65	3	1823.9920	1823.9807	609.0008	0.0113	6.1850	2216.01	3117.77	2338.23	2514.88	Yes
													CPNPTCENMNFSWR	1.00	54.81	15.31	17.86	2	1949.7472	1949.7473	975.8809	-0.0001	-0.0512	75.49	91.13	76.78	84.80	Yes
													CPNPTCENMNFSWR	1.00	50.94	15.68	17.24	2	1949.7492	1949.7473	975.8809	0.0019	0.9735	53.54	76.84	47.74	60.79	Yes
													CPNPTCENMNFSWR	1.00	83.35	16.13	18.22	2	1933.7510	1933.7524	967.8835	-0.0014	-0.7232	138.96	139.50	103.64	109.07	Yes
													CPNPTCENMNFSWR	0.74	87.33	16.13	100.33	2	1933.7516	1933.7524	967.8835	-0.0008	-0.4133	121.30	155.80	102.88	105.23	Yes
													CPNPTCENMNFSWR	0.80	61.54	15.56	74.54	2	1949.7476	1949.7473	975.8809	0.0003	0.1537	68.78	78.46	43.40	66.14	No
													CPNPTCENMNFSWR	1.00	83.32	16.13	19.52	2	1933.7510	1933.7524	967.8835	-0.0014	-0.7232	130.12	123.41	119.79	98.23	Yes
GART	P22102	Trifunctional purine biosynthetic protein adenosine-3	1.00	2	2.2	1.14	0.09	0.88	0.00	1.26	0.77	2	TVAPMPPAQDHKR	0.89	15.80	27.57	17.84	4	1734.9441	1734.9443	434.7434	-0.0002	-0.1150	179.08	192.16	220.71	192.35	Yes
													VLIIGSGGR	0.96	25.89	24.68	25.57	2	1014.6316	1014.6308	508.3227	0.0008	0.7869	39.29	84.69	53.55	42.25	Yes
GNB2L1	P63244	Guanine nucleotide-binding protein subunit beta-2-like 1	1.00	2	6.3	1.03	-	0.94	-	1.04	-	1	LWDLTTGTTTR	1.00	61.62	28.43	20.13	2	1407.7472	1407.7480	704.8813	-0.0008	-0.5675	1047.91	1312.19	1236.79	1205.99	Yes
													VWQVTIGTR	1.00	45.76	27.49	20.34	2	1202.6896	1202.6894	602.3520	0.0002	0.1660	26.84	28.26	30.61	27.56	No
													VWQVTIGTR	0.77	20.73	27.35	18.95	2	1202.6906	1202.6894	602.3520	0.0012	0.9961	21.82	28.08	13.29	18.95	No
GPHN	Q9NQX3	Gephyrin	1.00	9	14.9	1.00	0.29	0.98	0.27	1.31	0.48	13	ESDDGTEELEVR	1.00	65.84	24.13	28.58	2	1521.6908	1521.6916	761.8531	-0.0008	-0.5250	50.23	72.76	54.30	64.05	Yes
													ESDDGTEELEVR	1.00	61.72	24.13	26.92	2	1521.6908	1521.6916	761.8531	-0.0008	-0.5250	167.29	234.79	153.66	186.22	Yes
													DTASLSTTPSESPR	1.00	75.78	27.30	25.61	2	1591.7792	1591.7811	796.8978	-0.0019	-1.1921	189.55	261.54	141.01	213.00	Yes
													DTASLSTTPSESPR	1.00	42.41	27.23	17.42	2	1591.7794	1591.7811	796.8978	-0.0017	-1.0666	2.05	7.38	4.40	9.72	No
													IPDSIISR	0.67	28.76	26.84	27.48	2	1043.6166	1043.6097	522.8121	0.0069	6.5989	966.87	983.78	879.71	906.34	Yes
													MSPFPLTSMDK	1.00	54.40	27.60	18.05	2	1540.7856	1540.7873	771.4009	-0.0017	-1.1019	594.42	911.01	622.63	683.89	Yes
													MSPFPLTSMDK	1.00	71.59	27.57	18.96	2	1540.7866	1540.7873	771.4009	-0.0007	-0.4537	403.43	582.67	451.62	533.17	Yes
													MSPFPLTSMDK	1.00	45.93	27.32	19.63	2	1540.7850	1540.7873	771.4009	-0.0023	-1.4908	89.32	126.39	103.54	104.72	Yes
													GVQVLPR	0.95	37.49	24.03	33.20	2	911.5716	911.5674	456.7910	0.0042	4.5973	99.05	184.87	108.01	123.21	Yes
													GVQVLPR	0.99	46.57	23.98	35.59	2	911.5718	911.5674	456.7910	0.0044	4.8162	93.85	165.66	132.37	111.79	Yes
													TLIINLPGSK	0.77	10.51	21.79	17.91	3	1342.8430	1342.8428	448.6215	0.0002	0.1486	159.54	169.44	163.01	107.09	Yes
													VGVLTVSDSCFR	1.00	65.10	27.91	23.50	2	1471.7282	1471.7285	736.8715	-0.0003	-0.2036	320.87	868.82	591.59	500.14	Yes
													VGVLTVSDSCFR	1.00	59.79	27.82	26.63	2	1471.7284	1471.7285	736.8715	-0.0001	-0.0679	195.08	370.71	261.91	275.19	Yes
													VGVLTVSDSCFR	1.00	59.73	27.82	23.14	2	1471.7284	1471.7285	736.8715	-0.0001	-0.0679	292.55	687.12	444.66	525.42	Yes
													GSQECFQFILPALPHAIDLLR	1.00	50.12	27.13	18.85	3	2557.3342	2557.3307	853.4508	0.0035	1.3670	1.12	6.84	2.52	1.73	No
													KGSQECFQFILPALPHAIDLLR	1.00	45.51	23.38	16.89	4	2829.5429	2829.5277	708.3892	0.0152	5.3643	2.02	15.62	9.13	6.48	No
													KGSQECFQFILPALPHAIDLLR	1.00	57.46	23.32	70.46	4	2829.5437	2829.5277	708.3892	0.0160	5.6466	2.78	15.90	2.12	4.26	No
GRN	P28799	Granulins	1.00	7	16.5	1.05	0.48	0.90	0.29	0.74	0.55	27	CPDGSTCCELPSGK	0.72	51.27	11.14	64.27	2	1677.6134	1677.6121	839.8133	0.0013	0.7740	7.03	9.69	14.87	6.08	No
													CPDGSTCCELPSGK	0.99	25.57	16.63	15.11	3	1821.7216	1821.7142	608.2453	0.0074	4.0554	48.24	81.72	74.97	110.84	No
													CPDGSTCCELPSGK	0.80	65.91	15.44	78.91	2	1821.7140	1821.7142	911.8644	-0.0002	-0.1097	2558.88	3649.31	4155.62	3611.54	Yes
													CPDGSTCCELPSGK	0.56	59.86	15.91	72.86	2	1821.7162	1821.7142	911.8644	0.0020	1.0967	3051.12	3716.43	4078.50	4009.67	Yes
													CPDGSTCCELPSGK	0.96	16.69	16.43	14.39	3	1821.7195	1821.7142	608.2453	0.0053	2.9045	503.21	105.43	111.87	84.62	No
													CPDGSTCCELPSGK	0.72	56.32	15.68	69.32	2	1821.7156	1821.7142	911.8644	0.0014	0.7677	65.25	59.41	75.48	79.28	Yes
													CPDGSTCCELPSGK	0.95	10.34	15.91	14.28	3	1821.7165	1821.7142	608.2453	0.0023	1.2605	42.73	22.26	22.50	23.98	No
													CPDGSTCCELPSGK	0.92	10.36	16.23	15.08	3	1821.7171	1821.7142	608.2453	0.0029	1.5893	109.33	43.05	31.70	58.67	No
													CDMEVSCPDGYTCCR	0.74	61.51	6.02	74.51	2	2008.6234	2008.6240	1005.3193	-0.0006	-0.2984	102.61	89.71	117.75	118.58	Yes
													CDMEVSCPDGYTCCR	0.74	54.83	6.02	67.83	2	2008.6234	2008.6240	1005.3193	-0.0006	-0.2984	110.62	143.41	141.68	152.78	Yes
													QGVCCADRR	1.00	24.78	20.29	18.25	3	1242.5212	1242.5212	415.1810	0.0000	0.0000	835.03	1645.56	1688.27	1352.28	Yes
													CITPTGTHPLAK	0.52	24.72	27.60	37.72	3	1571.8417	1571.8407	524.9542	0.0010	0.6350	5256.89	4038.88	4075.33	4675.65	Yes
													CITPTGTHPLAK	0.52	29.02	27.70	42.02	3	1571.8420	1571.8407	524.9542	0.0013	0.8255	9988.06	5940.97	6740.35	7121.18	Yes
													QHCCPAGYTCNVK	0.80	65.46	12.55	78.46	2	1704.6492	1704.6495	853.3320	-0.0003	-0.1758	48.75	39.93	37.43	49.66	Yes
													QHCCPAGYTCNVK	0.56	61.62	18.57	74.62	2	1848.7536	1848.7515	925.3830	0.0021	1.1347	494.93	102.37	717.53	427.41	Yes

													QGVCCADRR	0.94	21.74	20.33	25.86	2	1242.5190	1242.5212	622.2679	-0.0022	-1.7677	150.35	256.30	334.04	261.15	Yes
													QGVCCADRR	1.00	23.61	20.29	18.77	3	1242.5215	1242.5212	415.1810	0.0003	0.2409	2823.37	4648.90	6821.86	3884.08	Yes
													CITPTGTHPLAK	1.00	41.67	27.71	16.25	3	1571.8408	1571.8407	524.9542	0.0001	0.0635	3910.77	2073.32	1940.86	2604.51	Yes
													QHCCPAGYTCNVK	0.52	25.05	12.79	38.05	3	1704.6499	1704.6495	569.2238	0.0004	0.2342	556.62	655.63	438.33	664.60	Yes
													QHCCPAGYTCNVK	0.52	23.27	13.42	36.27	3	1704.6505	1704.6495	569.2238	0.0010	0.5856	489.80	524.70	525.75	768.89	Yes
													QHCCPAGYTCNVK	0.80	66.87	18.57	79.87	2	1848.7518	1848.7515	925.3830	0.0003	0.1621	794.35	147.69	861.94	768.77	Yes
													QHCCPAGYTCNVK	0.72	77.65	18.57	90.65	2	1848.7524	1848.7515	925.3830	0.0009	0.4863	573.82	139.04	747.16	550.86	Yes
													QGVCCADRR	1.00	31.30	20.68	20.08	3	1242.5224	1242.5212	415.1810	0.0012	0.9634	5339.70	7898.25	10496.82	7214.03	Yes
													QHCCPAGYTCNVK	0.98	12.13	13.42	14.83	3	1704.6505	1704.6495	569.2238	0.0010	0.5856	77.02	62.18	59.79	59.22	Yes
													QHCCPAGYTCNVK	0.80	64.50	18.57	77.50	2	1848.7512	1848.7515	925.3830	-0.0003	-0.1621	113.41	32.49	130.01	112.49	Yes
													QHCCPAGYTCNVK	0.52	47.67	18.51	60.67	3	1848.7528	1848.7515	617.2578	0.0013	0.7020	2217.27	1366.91	2558.34	1785.67	Yes
													QGVCCADRR	0.52	18.89	20.29	31.89	3	1242.5215	1242.5212	415.1810	0.0003	0.2409	1439.89	2216.86	2148.21	1762.64	Yes
													QGVCCADRR	0.52	13.57	20.29	26.57	3	1242.5215	1242.5212	415.1810	0.0003	0.2409	1070.86	1615.56	1560.87	1276.80	Yes
													QHCCPAGYTCNVK	0.52	47.93	18.57	60.93	3	1848.7525	1848.7515	617.2578	0.0010	0.5400	1015.83	679.75	1354.28	831.30	Yes
													CPDGSTCCELPSGK	0.74	62.97	15.56	75.97	2	1821.7134	1821.7142	911.8644	-0.0008	-0.4387	28.95	36.98	43.11	53.36	No
													CPDGSTCCELPSGK	0.80	50.23	15.31	63.23	2	1821.7144	1821.7142	911.8644	0.0002	0.1097	25.38	25.37	26.08	31.47	No
													HCCPAGFR	0.99	26.77	10.41	25.97	2	981.3448	981.3441	491.6793	0.0007	0.7118	92.06	159.83	76.47	87.37	Yes
													HCCPAGFR	0.99	21.74	9.03	18.21	2	981.3462	981.3441	491.6793	0.0021	2.1355	104.74	178.85	70.31	71.95	No
													HCCPAGFR	0.99	23.68	9.54	25.20	2	981.3438	981.3441	491.6793	-0.0003	-0.3051	97.71	201.74	126.30	97.41	Yes
													HCCPAGFR	0.99	26.58	10.00	25.38	2	981.3442	981.3441	491.6793	0.0001	0.1017	46.62	196.35	93.48	83.60	No
													HCCPAGFR	0.74	7.38	8.45	20.38	2	981.3428	981.3441	491.6793	-0.0013	-1.3220	2.89	2.01	6.99	5.80	No
													VHCCPHGAFCDLVHTR	1.00	34.58	19.49	47.58	4	2075.8617	2075.8565	519.9714	0.0052	2.5001	17.56	3.40	24.97	16.35	No
													HCCPAGFR	0.96	18.31	17.85	20.17	2	1125.4452	1125.4462	563.7304	-0.0010	-0.8869	129.24	181.12	218.78	184.16	Yes
													VHCCPHGAFCDLVHTR	0.99	10.40	16.33	23.40	4	1931.7521	1931.7544	483.9459	-0.0023	-1.1882	9.20	9.33	22.37	8.51	No
H1FX	Q92522	Histone H1x	1.00	2	14.6	1.07	0.15	0.67	0.33	0.74	0.05	5	GAPAAATAPAPTAHK	1.00	48.03	27.33	16.58	3	1618.9027	1618.9035	540.6418	-0.0008	-0.4932	44.73	43.22	44.14	64.91	Yes
													GAPAAATAPAPTAHK	1.00	33.56	27.33	16.65	3	1618.9027	1618.9035	540.6418	-0.0008	-0.4932	21.81	45.46	21.76	37.95	No
													AAKPSVPK	0.84	11.72	20.00	13.93	3	1228.7863	1228.7869	410.6029	-0.0006	-0.4871	578.64	511.51	770.02	421.22	Yes
													AAKPSVPK	0.52	10.06	20.09	23.06	3	1228.7869	1228.7869	410.6029	0.0000	0.0000	575.20	503.68	685.16	436.71	Yes
													AAKPSVPK	0.78	9.07	20.09	14.10	3	1228.7866	1228.7869	410.6029	-0.0003	-0.2435	683.32	600.90	853.72	455.56	Yes
													AAKPSVPK	0.52	11.18	20.09	24.18	3	1228.7866	1228.7869	410.6029	-0.0003	-0.2435	625.01	526.76	852.51	436.20	Yes
HIST1H1C	P16403	Histone H1.2	1.00	3	10.3	1.14	0.29	0.88	0.33	1.13	0.25	7	KPAAATVTK	0.99	32.73	21.52	23.78	2	1317.8326	1317.8345	659.9245	-0.0019	-1.4396	138.44	179.99	155.55	126.06	Yes
													KPAAATVTK	0.99	33.29	21.52	22.56	2	1317.8326	1317.8345	659.9245	-0.0019	-1.4396	169.79	236.65	221.69	166.73	Yes
													KPAAATVTK	1.00	46.77	21.52	16.52	3	1317.8329	1317.8345	440.2854	-0.0016	-1.2113	225.77	291.69	300.58	239.47	Yes
													KPAAATVTK	0.52	41.98	21.70	54.98	3	1317.8353	1317.8345	440.2854	0.0008	0.6057	318.39	360.67	415.88	284.40	Yes
													KPAAATVTKK	1.00	41.73	13.01	15.96	3	1590.0268	1590.0316	531.0178	-0.0048	-3.0131	57.37	108.50	108.05	103.85	Yes
													AKKPAAATVTK	0.88	8.43	12.30	21.43	4	1661.0633	1661.0687	416.2745	-0.0054	-3.2431	137.37	160.98	129.29	126.51	Yes
													AKKPAAATVTK	0.86	8.01	12.30	21.01	4	1661.0637	1661.0687	416.2745	-0.0050	-3.0028	73.96	107.26	100.97	88.75	Yes
													KPAAATVTK	1.00	30.19	21.40	15.30	3	1317.8323	1317.8345	440.2854	-0.0022	-1.6656	25.42	56.98	49.56	47.77	No
HIST1H2AB	P04908	Histone H2A type 1-B/E	1.00	2	21.7	1.07	0.13	1.26	0.18	1.54	0.29	4	AGLQFPVGR	1.00	40.08	28.18	29.92	2	1087.6256	1087.6260	544.8203	-0.0004	-0.3671	1132.74	1941.43	1429.44	1745.40	Yes
													AGLQFPVGR	1.00	38.17	28.10	29.69	2	1087.6258	1087.6260	544.8203	-0.0002	-0.1835	744.07	1465.33	991.27	1262.11	Yes
													AGLQFPVGR	1.00	44.03	28.18	30.75	2	1087.6256	1087.6260	544.8203	-0.0004	-0.3671	669.86	1507.45	859.62	1107.91	Yes
													AGLQFPVGR	1.00	47.10	28.18	29.26	2	1087.6256	1087.6260	544.8203	-0.0004	-0.3671	180.11	285.42	187.95	232.71	Yes
													VTIAQGGVLPNIQAVLLPK	0.52	52.52	13.22	65.52	3	2218.3666	2218.3657	740.4625	0.0009	0.4052	1.78	1.82	0.99	2.81	No
HNRNPA1	P09651	Heterogeneous nuclear ribonucleoprotein A1	1.00	6	30.9	1.00	0.12	1.01	0.16	1.82	0.17	11	SESPKEPEQLR	0.83	25.29	28.02	21.47	3	1586.8507	1586.8507	529.9575	0.0000	0.0000	1739.55	3659.04	1946.96	2177.43	Yes
													SESPKEPEQLR	0.96	30.66	28.02	21.60	3	1586.8507	1586.8507	529.9575	0.0000	0.0000	2447.51	5635.18	2696.91	2977.76	Yes
													SESPKEPEQLR	0.97	31.85	28.10	25.80	3	1586.8513	1586.8507	529.9575	0.0006	0.3774	2885.27	6441.18	3274.86	3267.68	Yes
													SESPKEPEQLR	0.97	31.66	28.12	23.73	3	1586.8519	1586.8507	529.9575	0.0012	0.7548	3372.53	7405.68	3913.02	3923.41	Yes
													EDSQRPGAHLTVK	0.98	25.37	26.88	21.04	3	1724.9437	1724.9413	575.9877	0.0024	1.3889	1249.26	2727.13	1369.86	1604.73	Yes
													EDSQRPGAHLTVK	0.96	24.27	26.77	19.80	3	1724.9449	1724.9413	575.9877	0.0036	2.0834	1061.58	2489.03	1361.35	1502.32	Yes
													EDSQRPGAHLTVK	0.71	12.06	26.84	20.60	4	1724.9441	1724.9413	432.2426	0.0028	1.6195	5881.29	11500.46	5897.52	6435.19	Yes
													EDSQRPGAHLTVK	0.94	15.79	26.84	15.85	4	1724.9445	1724.9413	432.2426	0.0032	1.8508	4185.80	8335.91	4724.22	4884.23	Yes
													IEVIEIMTDR	1.00	52.96	28.49	30.57	2	1361.7352	1361.7346	681.8746	0.0006	0.4400	1599.50	4088.94	2182.89	2485.50	Yes
													IEVIEIMTDR	1.00	59.10	28.48	28.16	2	1361.7356	1361.7346	681.8746	0.0010	0.7333	782.73	1728.82	1009.98	1038.38	Yes
													NQGGYGGSSSSSSYGSGR	1.00	64.19	22.48	21.26	2	1837.7916	1837.7949	919.9047	-0.0033	-1.7937	2.07	9.84	3.82	5.18	No
													LFIGGLSFETTDESLR	1.00	64.38	27.63	19.02	2	1928.0012	1928.0013	965.0079	-0.0001	-0.0518	7.20	18.66	4.42	14.29	No
													GFGFVTYATVEEVDAAMNARPHK	1.00	53.64	27.12	17.00	4	2797.4105	2797.4101	700.3598	0.0004	0.1428	42.93	90.39	43.16	42.32	Yes
HNRNPA2B1	P22626	Heterogeneous nuclear ribonucleoproteins A2/B1	1.00	8	25.5	1.07	0.21	0.98	0.12	1.84	0.33	25	QEMQEVQSSR	1.00	41.55	25.60	24.06	2	1364.6450	1364.6476	683.3311	-0.0026	-1.9024	417.58	857.73	512.16	508.40	Yes
													EESGKPGAHVTVK	0.92	15.06	26.09	19.01	4	1770.0005	1770.0001	443.5073	0.0004	0.2255	604.28	1580.86	1000.17	851.83	Yes
													EESGKPGAHVTVK	0.76	12.33	26.09	15.18	4	1770.0005	1770.0001	443.5073	0.0004	0.2255	728.00	1750.36	1012.00	856.32	Yes
													EESGKPGAHVTVK	0.84	12.32	25.95	25.32	4	1770.0013	1770.0001	443.5073	0.0012	0.6764	4605.39	10371.88	5719.78	5494.03	Yes
													GFGFVTFDDHDPVDK	1.00	39.00	27.56	20.26	3	1982.9629	1982.9618	661.9945	0.0011	0.5539	2979.07	7294.51	3676.01	3597.06	Yes
													GFGFVTFDDHDPVDK	1.00	34.14	27.40	19.95	3	1982.9635	1982.9618	661.9945	0.0017	0.8560	3557.38	7228.38	3958.32	3878.70	Yes
													TLETVPLER	0.95	28.25	27.69	31.94	2	1200.6848	1200.6836	601.3491	0.0012	0.9978	564.68	1234.31	974.58	711.61	Yes
													TLETVPLER	0.92	28.74	27.54	27.84	2	1200.6858	1200.6836	601.3491	0.0022	1.8292	809.72	1604.80	1032.56	872.58	Yes
													EESGKPGAHVTVK	0.78	12.32	25.93	18.42	4	1769.9993	1770.0001	443.5073	-0.0008	-0.4510	8941.52	18254.34	11947.40	10374.59	Yes
													GFGFVTFDDHDPVDK	1.00	39.60	27.56	20.03	3	1982.9626	1982.9618	661.9945	0.0008	0.4028	4825.45	9412.98	5515.60	6225.45	Yes
													GFGFVTFDDHDPVDK	1.00	37.44	27.56	18.34	3	1982.9629	1982.9618	661.9945	0.0011	0.5539	3147.73	7019.01	3783.90	3841.68	Yes
													IDTIEIITDR	1.00	59.74	28.37	25.53	2	1331.7418	1331.7418	666.8782	0.0000	0.0000	4275.30	8229.24	4329.24	4794.76	Yes
													IDTIEIITDR	1.00	57.15	28.39	25.25	2	1331.7428	1331.7418	666.8782	0.0010	0.7498	2626.74	6631.74	3282.03	3578.46	Yes
													IDTIEIITDR	1.00	61.30	28.37	25.17	2	1331.7416	1331.7418	666.8782	-0.0002	-0.1500	120.66	271.02	126.00	160.06	Yes
													GGNFGFGDSR	0.99	29.28	24.53	28.87	2	1156.5382	1156.5383	579.2764	-0.0001	-0.0863	286.90	416.01	486.28	317.58	No
													GGNFGFGDSR	0.98	33.72	23.98	28.89	2	1156.5356	1156.5383	579.2764	-0.0027	-2.3305	117.74	159.78	137.16	116.29	Yes
													GGNFGFGDSR	0.99	36.36	24.12	28.09	2	1156.5358	1156.5383	579.2764	-0.0025	-2.1579	113.67	140.54	155.99	102.56	No
													LTDCVVMR	0.97	31.17	26.12	25.72	2	1125.5482	1125.5466	563.7806	0.0016	1.4190	69.54	120.92	38.59	59.37	No
													GGGGNFGPGPGSNFR	1.00	88.20	26.13	20.11	2	1520.7246	1520.7243	761.3694	0.0003	0.1970	435.68	1080.63	613.84	529.12	Yes
													GGGGNFGPGPGSNFR	0.98	22.53	26.05	19.61	3	1520.7253	1520.7243	507.9154	0.0010	0.6563	135.82	318.95	178.78	166.66	Yes
													GGGGNFGPGPGSNFR	1.00	88.02	26.20	23.64	2	1520.7258	1520.7243	761.3694	0.0015	0.9851	924.41	1622.80	1032.03	747.63	No
													LTDCVVMR	1.00	36.23	26.12	21.44	2	1125.5472	1125.5466	563.7806	0.0006	0.5321	63.72	160.38	67.50	69.17	Yes

													LTDCVVMR	0.99	39.75	26.58	29.63	2	1125.5498	1125.5466	563.7806	0.0032	2.8380	818.86	2224.25	1027.04	1028.04	Yes
													LTDCVVMR	0.60	19.46	24.67	32.46	2	1141.5400	1141.5416	571.7781	-0.0016	-1.3991	215.35	522.86	249.30	300.25	Yes
													LTDCVVMR	0.63	15.19	24.84	28.19	2	1141.5404	1141.5416	571.7781	-0.0012	-1.0494	176.49	322.12	184.03	179.30	Yes
													GGGGNFGPGPGSNFR	1.00	78.64	26.00	29.30	2	1520.7234	1520.7243	761.3694	-0.0009	-0.5910	546.43	1577.46	903.27	731.32	Yes
													GGGGNFGPGPGSNFR	0.74	85.08	26.15	98.08	2	1520.7236	1520.7243	761.3694	-0.0007	-0.4597	998.12	2347.10	1173.23	1123.25	Yes
													GGGGNFGPGPGSNFR	0.99	26.36	26.15	15.74	3	1520.7241	1520.7243	507.9154	-0.0002	-0.1313	159.62	198.10	160.56	187.64	No
													GGGGNFGPGPGSNFR	1.00	34.91	26.16	18.99	3	1520.7244	1520.7243	507.9154	0.0001	0.0656	96.23	104.76	72.98	101.26	No
													GGGGNFGPGPGSNFR	1.00	86.99	26.16	21.07	2	1520.7242	1520.7243	761.3694	-0.0001	-0.0657	421.14	1011.79	507.85	534.77	Yes
													GGGGNFGPGPGSNFR	1.00	90.10	26.17	22.37	2	1520.7262	1520.7243	761.3694	0.0019	1.2478	252.92	485.05	189.23	255.83	Yes
HNRNPA3	P51991	Heterogeneous nuclear ribonucleoprotein A3	1.00	3	16.7	0.94	0.20	0.96	0.10	1.47	0.38	6	GFAFVTFDDHDTVDK	1.00	72.63	27.29	19.38	3	2000.9722	2000.9724	667.9981	-0.0002	-0.0998	613.30	1148.16	506.63	626.57	Yes
													EDSVKPGAHLTVK	0.61	8.29	23.54	21.29	4	1812.0489	1812.0471	454.0191	0.0018	0.9911	2372.88	5709.99	3327.06	2976.85	Yes
													GFAFVTFDDHDTVDK	0.52	49.21	27.19	62.21	3	2000.9737	2000.9724	667.9981	0.0013	0.6487	1806.81	3656.62	1904.78	2088.02	Yes
													EDSVKPGAHLTVK	0.77	9.14	23.67	22.14	4	1812.0477	1812.0471	454.0191	0.0006	0.3304	1389.29	2197.00	1497.23	1590.73	Yes
													IVVQK	0.88	17.04	22.53	27.67	2	873.5892	873.5891	437.8018	0.0001	0.1142	18361.02	26980.26	22025.65	23768.77	Yes
													IVVQK	0.82	16.99	22.43	27.80	2	873.5898	873.5891	437.8018	0.0007	0.7994	12111.22	17470.18	12009.73	14278.64	Yes
HNRNPD	Q14103	Heterogeneous nuclear ribonucleoprotein D0	1.00	3	12.5	1.07	0.44	1.03	0.23	1.84	1.23	11	IFVGGLSPDTPEEK	1.00	81.93	27.44	31.74	2	1775.9542	1775.9549	888.9847	-0.0007	-0.3937	128.55	418.74	106.45	170.26	Yes
													IFVGGLSPDTPEEK	1.00	37.57	27.44	17.15	3	1775.9545	1775.9549	592.9922	-0.0004	-0.2248	56.47	78.30	49.16	56.08	Yes
													IFVGGLSPDTPEEK	1.00	52.75	27.47	22.24	3	1775.9548	1775.9549	592.9922	-0.0001	-0.0562	41.22	85.19	73.11	49.89	Yes
													IFVGGLSPDTPEEK	1.00	80.86	27.63	36.76	2	1775.9538	1775.9549	888.9847	-0.0011	-0.6187	147.44	445.27	87.89	164.17	Yes
													IFVGGLSPDTPEEK	1.00	44.36	27.63	19.49	3	1775.9539	1775.9549	592.9922	-0.0010	-0.5621	64.84	125.57	98.16	62.96	Yes
													IFVGGLSPDTPEEK	0.52	48.70	27.47	61.70	3	1775.9557	1775.9549	592.9922	0.0008	0.4497	83.17	144.57	79.06	83.86	Yes
													YHNVGLSK	0.99	25.44	27.64	18.33	3	1204.6819	1204.6808	402.5675	0.0011	0.9108	1390.37	1286.62	3360.97	2266.35	No
													YHNVGLSK	0.97	23.98	27.53	18.30	3	1204.6825	1204.6808	402.5675	0.0017	1.4076	1280.31	1350.00	2390.50	1912.84	Yes
													YHNVGLSK	0.98	24.48	27.53	19.62	3	1204.6825	1204.6808	402.5675	0.0017	1.4076	931.05	904.39	1585.50	1261.46	Yes
													MFIGGLSWDTTKK	1.00	42.10	26.36	19.13	3	1915.0561	1915.0603	639.3607	-0.0042	-2.1897	1119.31	4536.76	1916.61	1774.12	Yes
													MFIGGLSWDTTKK	1.00	51.46	26.28	16.44	3	1915.0579	1915.0603	639.3607	-0.0024	-1.2513	822.72	3268.87	1057.64	1252.86	Yes
													MFIGGLSWDTTKK	1.00	63.24	26.06	17.28	3	1915.0600	1915.0603	639.3607	-0.0003	-0.1564	891.76	3754.65	1144.24	1363.51	Yes
													YHNVGLSK	1.00	33.30	27.91	23.90	3	1204.6789	1204.6808	402.5675	-0.0019	-1.5732	17.84	39.97	16.46	21.80	No
													YHNVGLSK	0.77	22.20	27.30	19.91	3	1204.6777	1204.6808	402.5675	-0.0031	-2.5669	13.10	36.88	21.38	26.36	No
HNRNPH1	P31943	Heterogeneous nuclear ribonucleoprotein H	1.00	3	6.2	0.96	0.17	0.88	0.07	1.67	0.14	4	STGEAFVQFASQEIAEK	1.00	69.11	27.66	19.14	3	2129.0908	2129.0884	710.7034	0.0024	1.1256	8.81	8.81	12.37	4.34	No
													STGEAFVQFASQEIAEK	1.00	37.44	27.69	16.55	3	2129.0896	2129.0884	710.7034	0.0012	0.5628	11.06	3.90	11.43	7.09	No
													YIEIFK	0.90	23.12	26.22	26.08	2	1099.6512	1099.6521	550.8333	-0.0009	-0.8169	1326.08	2391.96	1249.30	1382.37	Yes
													FIYTR	0.65	16.37	25.66	29.28	2	842.4766	842.4772	422.2459	-0.0006	-0.7105	3573.77	7407.51	4775.59	4148.01	Yes
													FIYTR	0.76	18.54	25.66	29.90	2	842.4764	842.4772	422.2459	-0.0008	-0.9473	1839.91	3871.06	1915.54	1868.06	Yes
													FIYTR	0.67	16.67	25.66	29.60	2	842.4766	842.4772	422.2459	-0.0006	-0.7105	1714.01	3569.30	1940.87	1931.45	Yes
HNRNPU	Q00839	Heterogeneous nuclear ribonucleoprotein U	1.00	5	7.5	1.04	0.12	1.44	0.35	1.54	0.28	4	AEGGGGGGRPGAPAAGDGKTEQK	0.99	26.90	27.74	39.90	4	2456.2713	2456.2733	615.0756	-0.0020	-0.8129	36.72	81.97	44.75	48.31	Yes
													KAEGGGGGGRPGAPAAGDGK	1.00	43.28	27.18	21.38	4	2098.1201	2098.1245	525.5384	-0.0044	-2.0931	18.11	24.47	15.42	23.34	No
													KAEGGGGGGRPGAPAAGDGK	1.00	28.28	27.07	41.28	4	2098.1229	2098.1245	525.5384	-0.0016	-0.7611	31.92	51.23	40.51	62.97	Yes
													FIEIAAR	0.78	32.70	27.85	31.11	2	962.5722	962.5671	482.2908	0.0051	5.2872	3323.76	6354.68	4260.18	5860.82	Yes
													SSGPTSLFAVTVAPPGAR	1.00	102.78	26.99	19.46	2	1858.0044	1858.0071	930.0108	-0.0027	-1.4516	11.94	12.53	6.06	11.62	No
													LNTLLQR	0.92	25.78	28.22	30.74	2	1000.6138	1000.6151	501.3148	-0.0013	-1.2966	26.71	57.45	41.22	42.99	No
													LNTLLQR	0.98	30.70	27.08	31.24	2	1000.6140	1000.6151	501.3148	-0.0011	-1.0971	40.25	68.61	41.24	84.91	Yes
													LNTLLQR	0.97	28.67	27.08	31.64	2	1000.6140	1000.6151	501.3148	-0.0011	-1.0971	29.51	63.82	66.72	53.39	No
													SSGPTSLFAVTVAPPGAR	1.00	42.32	26.85	19.56	3	1858.0060	1858.0071	620.3430	-0.0011	-0.5911	2.02	2.05	10.36	3.78	No
HNRPDL	O14979	Heterogeneous nuclear ribonucleoprotein D-like	1.00	2	15.3	1.21	-	1.06	-	3.22	-	1	GFCFITYTDEEPVKK	1.00	53.89	27.74	19.20	3	2254.1329	2254.1379	752.3866	-0.0050	-2.2152	1.85	32.89	5.84	5.93	No
													MFIGGLSWDTSKK	1.00	47.18	27.03	23.17	3	1917.0367	1917.0396	640.0205	-0.0029	-1.5104	1437.19	5581.37	1997.79	1854.25	Yes
HRG	P04196	Histidine-rich glycoprotein	1.00	2	4.0	0.98	0.11	1.02	0.18	0.98	0.13	8	ALDLINK	0.71	44.20	25.16	48.16	2	1073.6730	1073.6688	537.8417	0.0042	3.9045	1484.77	1495.52	1501.63	1391.65	Yes
													ALDLINK	0.98	40.63	23.52	41.91	2	1073.6682	1073.6688	537.8417	-0.0006	-0.5578	1926.61	1773.57	1289.54	1698.17	No
													ALDLINK	1.00	41.41	23.52	30.38	2	1073.6684	1073.6688	537.8417	-0.0004	-0.3719	8587.92	8728.41	8059.89	9825.76	Yes
													DGYLFQLLR	1.00	42.48	27.92	24.64	2	1267.7062	1267.7047	634.8596	0.0015	1.1814	4048.88	4436.34	4561.08	5057.45	Yes
													DGYLFQLLR	1.00	44.60	27.94	30.74	2	1267.7068	1267.7047	634.8596	0.0021	1.6539	4429.45	5432.08	5138.97	5254.45	Yes
													DGYLFQLLR	1.00	43.25	28.01	24.52	2	1267.7058	1267.7047	634.8596	0.0011	0.8663	6253.36	8512.73	8132.47	9549.11	Yes
													DGYLFQLLR	1.00	44.03	27.92	25.21	2	1267.7062	1267.7047	634.8596	0.0015	1.1814	5068.48	6385.92	5954.43	6960.67	Yes
													DGYLFQLLR	1.00	43.07	28.01	24.84	2	1267.7060	1267.7047	634.8596	0.0013	1.0238	1623.31	2053.14	1904.24	2167.94	Yes
													DGYLFQLLR	1.00	41.20	27.92	24.54	2	1267.7064	1267.7047	634.8596	0.0017	1.3389	2187.36	2764.45	2472.87	2981.99	Yes
HSP90AA1	P07900	Heat shock protein HSP 90-alpha	1.00	2	3.0	0.96	0.02	0.90	0.15	0.73	0.02	2	EDQTEYLEER	1.00	56.86	24.80	25.86	2	1454.6650	1454.6647	728.3396	0.0003	0.2059	104.99	91.26	114.45	127.15	Yes
													ADLINNLGTIAK	1.00	65.18	24.49	18.59	2	1529.9026	1529.9021	765.9583	0.0005	0.3264	154.58	139.08	172.34	154.89	Yes
HSPA8	P11142	Heat shock cognate 71 kDa protein	1.00	12	22.0	0.87	0.24	0.97	0.23	0.99	0.22	19	TTPSYVAFTDTER	1.00	48.10	26.81	23.08	2	1630.8044	1630.7961	816.4053	0.0083	5.0832	730.75	1008.46	980.77	864.96	Yes
													ITITNDK	0.89	21.71	26.67	32.19	2	1091.6432	1091.6430	546.8288	0.0002	0.1829	311.11	292.66	310.78	321.35	Yes
													FEELNADLFR	1.00	54.61	27.92	32.60	2	1396.7118	1396.7108	699.3627	0.0010	0.7149	210.72	265.83	225.50	310.89	Yes
													IINEPTAAAIAYGLDK	1.00	47.74	25.44	24.61	3	1947.0937	1947.0920	650.0379	0.0017	0.8717	23.00	23.19	27.31	20.92	No
													IINEPTAAAIAYGLDK	1.00	49.73	25.39	22.04	3	1947.0931	1947.0920	650.0379	0.0011	0.5641	128.80	146.21	146.66	113.20	Yes
													ITITNDKGR	0.81	24.45	26.67	25.65	3	1304.7673	1304.7656	435.9291	0.0017	1.2999	5423.62	6732.98	6780.66	7066.10	Yes
													ITITNDKGR	0.72	23.26	26.03	24.47	3	1304.7682	1304.7656	435.9291	0.0026	1.9881	3092.96	4558.09	4776.47	4269.16	Yes
													IINEPTAAAIAYGLDK	1.00	83.19	25.49	21.17	2	1947.0912	1947.0920	974.5533	-0.0008	-0.4104	73.51	86.70	49.82	65.23	Yes
													IINEPTAAAIAYGLDK	1.00	102.11	25.49	23.03	2	1947.0912	1947.0920	974.5533	-0.0008	-0.4104	46.73	79.01	62.44	70.88	Yes
													DAGTIAGLNVLR	1.00	74.27	27.16	28.85	2	1342.7690	1342.7690	672.3918	0.0000	0.0000	3697.95	4533.38	4079.71	5023.15	Yes
													MVNHFIAEFK	0.88	19.85	28.05	18.74	3	1522.8232	1522.8210	508.6143	0.0022	1.4418	288.77	315.21	200.56	283.82	Yes
													MVNHFIAEFK	0.99	29.41	28.03	16.22	3	1522.8235	1522.8210	508.6143	0.0025	1.6384	373.37	342.46	323.03	325.69	Yes
													SQIHDIVLVGGSTR	1.00	59.25	26.84	25.04	3	1624.9027	1624.9019	542.6412	0.0008	0.4914	164.57	154.78	200.18	173.75	Yes
													DAGTIAGLNVLR	1.00	68.80	27.16	28.98	2	1342.7690	1342.7690	672.3918	0.0000	0.0000	2929.37	3594.34	2973.27	3587.89	Yes
													DAGTIAGLNVLR	1.00	63.76	27.19	29.96	2	1342.7694	1342.7690	672.3918	0.0004	0.2974	1297.52	1743.28	1198.60	1709.30	Yes
													LLQDFFNGK	1.00	44.21	26.55	26.17	2	1368.7650	1368.7645	685.3895	0.0005	0.3648	2324.26	2384.24	1616.65	2863.50	Yes
													LLQDFFNGK	1.00	55.91	26.63	26.88	2	1368.7656	1368.7645	685.3895	0.0011	0.8025	1134.53	1046.77	825.80	1332.47	Yes
													SQIHDIVLVGGSTR	1.00	77.58	26.77	26.93	3	1624.9078	1624.9019	542.6412	0.0059	3.6242	3.20	13.48	14.03	13.06	No
													LDKSQIHDIVLVGGSTR	0.99	22.50	23.73	35.50	4	2125.2129	2125.2099	532.3098	0.0030	1.4090	133.64	146.99	138.04	164.32	Yes
													VCNPIITK	0.99	36.44	27.93	29.40	2	1220.6856	1220.6865	611.3505	-0.0009	-0.7361	949.88	1646.88	1103.30	1234.61	No
													HWPFMVVNDAGRPK	1.00	25.59	27.79	19.67	4	1941.0265	1941.0287	486.2645	-0.0022	-1.1311	1554.98	1980.82	1279.53	1720.83	Yes

HSPA9	P38646	Stress-70 protein, mitochondrial	1.00	26	39.6	0.98	0.18	0.84	0.16	1.13	0.19	81	HWPFMVVNDAGRPK	1.00	28.52	27.67	19.91	4	1941.0281	1941.0287	486.2645	-0.0006	-0.3085	324.47	508.03	334.81	554.40	Yes
													KDSETGENIR	1.00	44.44	27.83	24.22	3	1435.7533	1435.7510	479.5909	0.0023	1.5986	187.28	268.45	169.40	177.70	Yes
													VEAVNMAEGIIHDTETK	1.00	70.94	27.62	29.19	3	2000.0008	2000.0006	667.6741	0.0002	0.0998	17.16	23.75	20.74	21.81	No
													VEAVNMAEGIIHDTETK	1.00	66.51	27.62	26.79	3	2000.0011	2000.0006	667.6741	0.0005	0.2496	15.72	11.55	14.28	9.76	No
													AMQDAEVSK	1.00	47.51	28.23	26.16	2	1265.6498	1265.6529	633.8337	-0.0031	-2.4454	1468.28	1842.36	1288.95	1375.16	Yes
													AMQDAEVSK	1.00	47.54	28.01	26.85	2	1265.6500	1265.6529	633.8337	-0.0029	-2.2877	2540.46	3507.45	2764.33	2910.23	Yes
													RYDDPEVQK	0.93	34.59	27.73	25.84	2	1436.7460	1436.7503	719.3824	-0.0043	-2.9887	133.78	173.90	135.94	148.78	Yes
													RYDDPEVQK	0.97	32.35	28.01	24.85	2	1436.7480	1436.7503	719.3824	-0.0023	-1.5986	188.67	204.46	188.62	126.58	Yes
													RYDDPEVQK	1.00	34.09	28.29	24.74	3	1436.7496	1436.7503	479.9240	-0.0007	-0.4862	1863.26	2739.52	2054.84	1837.40	Yes
													RYDDPEVQK	0.97	23.83	28.34	21.31	3	1436.7502	1436.7503	479.9240	-0.0001	-0.0695	453.51	696.45	689.94	526.05	Yes
													ETGVDLTK	1.00	51.10	28.14	43.63	2	1149.6486	1149.6485	575.8315	0.0001	0.0868	867.01	975.26	714.14	776.34	Yes
													AMQDAEVSK	1.00	45.57	28.23	26.25	2	1265.6528	1265.6529	633.8337	-0.0001	-0.0789	2774.09	3848.81	3132.74	2712.86	Yes
													AMQDAEVSK	1.00	47.65	28.31	27.50	2	1265.6532	1265.6529	633.8337	0.0003	0.2367	2898.95	3458.42	2953.23	3223.06	Yes
													RYDDPEVQK	1.00	30.04	28.34	25.76	3	1436.7502	1436.7503	479.9240	-0.0001	-0.0695	955.03	1344.44	1126.50	1019.98	Yes
													RYDDPEVQK	0.99	27.44	28.43	22.64	3	1436.7514	1436.7503	479.9240	0.0011	0.7640	751.98	1113.37	978.36	758.25	Yes
													DNMALQR	0.69	18.32	26.83	24.86	2	990.5032	990.5038	496.2592	-0.0006	-0.6045	23.18	28.76	16.10	16.43	No
													ASNGDAWVEAHGK	1.00	61.30	27.87	22.78	3	1628.8162	1628.8150	543.9456	0.0012	0.7354	936.37	984.75	774.73	948.60	Yes
													VEAVNMAEGIIHDTETK	1.00	58.31	27.54	18.73	3	2144.1046	2144.1027	715.7082	0.0019	0.8849	40.27	54.57	46.22	31.87	Yes
													ERVEAVNMAEGIIHDTETK	1.00	39.08	27.37	26.05	3	2429.2468	2429.2464	810.7561	0.0004	0.1645	207.63	394.46	331.88	320.64	Yes
													ERVEAVNMAEGIIHDTETK	1.00	41.58	27.48	26.85	3	2429.2474	2429.2464	810.7561	0.0010	0.4111	126.07	361.72	177.33	176.44	No
													ERVEAVNMAEGIIHDTETK	1.00	47.56	27.45	33.19	4	2429.2489	2429.2464	608.3189	0.0025	1.0274	1467.69	1942.87	1453.61	1362.68	Yes
													ERVEAVNMAEGIIHDTETK	1.00	41.00	27.41	25.08	4	2429.2493	2429.2464	608.3189	0.0029	1.1918	1370.65	1826.81	1748.64	1282.95	Yes
													VEAVNMAEGIIHDTETK	1.00	67.53	27.53	20.91	3	2144.1049	2144.1027	715.7082	0.0022	1.0246	290.43	482.73	411.24	394.53	Yes
													VEAVNMAEGIIHDTETK	1.00	78.24	27.51	24.27	3	2144.1058	2144.1027	715.7082	0.0031	1.4438	329.04	498.98	382.86	359.31	Yes
													VEAVNMAEGIIHDTETK	1.00	63.23	27.54	25.02	3	2144.1034	2144.1027	715.7082	0.0007	0.3260	121.17	147.72	162.62	112.96	Yes
													VEAVNMAEGIIHDTETK	1.00	80.29	27.53	24.67	3	2144.1049	2144.1027	715.7082	0.0022	1.0246	2655.42	4343.69	3285.18	3536.54	Yes
													STNGDTFLGGEDFDQALLR	1.00	99.89	27.19	22.07	2	2199.0474	2199.0566	1100.5356	-0.0092	-4.1798	106.08	171.75	102.27	97.22	Yes
													STNGDTFLGGEDFDQALLR	1.00	86.02	27.29	21.29	2	2199.0534	2199.0566	1100.5356	-0.0032	-1.4538	112.46	101.25	64.28	64.42	No
													VEAVNMAEGIIHDTETK	1.00	57.32	27.54	20.46	3	2144.1046	2144.1027	715.7082	0.0019	0.8849	146.24	188.67	192.83	235.72	No
													GVFEVK	0.61	32.88	27.04	31.46	2	965.5732	965.5790	483.7968	-0.0058	-5.9943	124.77	141.21	127.80	90.83	Yes
													GVFEVK	0.76	35.83	26.94	32.04	2	965.5734	965.5790	483.7968	-0.0056	-5.7876	140.41	199.59	186.32	140.54	Yes
													GVFEVK	0.55	32.50	26.67	31.34	2	965.5742	965.5790	483.7968	-0.0048	-4.9608	59.45	71.36	65.18	62.98	Yes
													GVFEVK	0.54	32.36	26.67	26.55	2	965.5742	965.5790	483.7968	-0.0048	-4.9608	34.00	37.03	49.44	40.11	Yes
													GVFEVK	0.68	25.69	26.44	20.31	2	965.5752	965.5790	483.7968	-0.0038	-3.9273	27.93	24.40	24.23	18.02	No
													GVFEVK	0.95	31.16	26.12	29.58	2	965.5756	965.5790	483.7968	-0.0034	-3.5139	33.85	50.76	53.93	31.21	No
													GVFEVK	0.71	22.75	26.12	28.81	2	965.5756	965.5790	483.7968	-0.0034	-3.5139	41.85	37.48	23.73	35.95	No
													GVFEVK	0.88	21.51	25.43	29.32	2	965.5780	965.5790	483.7968	-0.0010	-1.0335	44.10	33.21	53.65	44.85	No
													MKETAENYLGHTAK	1.00	28.83	27.63	17.03	4	2024.0721	2024.0726	507.0254	-0.0005	-0.2465	2812.05	3844.24	3463.78	2518.59	Yes
													MKETAENYLGHTAK	0.96	29.59	27.40	15.86	3	2024.0737	2024.0726	675.6981	0.0011	0.5426	2171.52	3012.31	2452.95	2049.28	Yes
													MKETAENYLGHTAK	1.00	31.47	27.24	16.72	4	2024.0753	2024.0726	507.0254	0.0027	1.3313	4804.25	7875.28	5657.36	5810.85	Yes
													MKETAENYLGHTAK	0.98	32.18	27.46	16.54	3	2024.0734	2024.0726	675.6981	0.0008	0.3947	916.95	1304.95	1320.31	990.28	Yes
													QAASSLQQASLK	0.63	14.48	26.04	14.41	3	1518.8596	1518.8609	507.2942	-0.0013	-0.8542	127.38	336.62	308.91	241.89	No
													QAASSLQQASLK	1.00	62.14	26.14	22.23	2	1518.8616	1518.8609	760.4377	0.0007	0.4603	580.28	660.32	541.08	550.98	Yes
													QAASSLQQASLK	0.99	25.82	26.19	20.98	3	1518.8623	1518.8609	507.2942	0.0014	0.9199	332.07	647.45	360.00	302.22	No
													QAVTNPNNTFYATK	1.00	94.68	27.71	21.60	2	1855.9780	1855.9672	928.9909	0.0108	5.8127	1149.77	1309.26	1209.30	1097.08	Yes
													VINEPTAAALAYGLDK	1.00	93.18	25.45	22.63	2	1933.0806	1933.0764	967.5455	0.0042	2.1704	36.39	60.37	52.05	46.88	Yes
													MKETAENYLGHTAK	1.00	33.85	27.29	18.63	4	2024.0773	2024.0726	507.0254	0.0047	2.3174	413.26	431.17	353.25	262.97	Yes
													MKETAENYLGHTAK	0.99	30.52	27.05	16.46	4	2024.0801	2024.0726	507.0254	0.0075	3.6980	644.17	794.02	536.65	449.52	Yes
													NVPFK	0.96	26.20	26.56	31.34	2	891.5418	891.5422	446.7784	-0.0004	-0.4476	25771.97	34481.59	31164.44	27224.80	Yes
													NVPFK	0.96	26.22	26.56	31.39	2	891.5420	891.5422	446.7784	-0.0002	-0.2238	33663.19	41802.61	38145.61	37072.35	Yes
													NTTIPTKK	0.95	27.40	22.50	15.06	2	1333.8260	1333.8295	667.9220	-0.0035	-2.6201	247.62	349.83	292.32	284.74	Yes
													NTTIPTKK	0.94	26.60	22.50	16.01	2	1333.8260	1333.8295	667.9220	-0.0035	-2.6201	242.10	333.61	335.19	276.45	Yes
													NTTIPTKK	0.52	16.67	22.74	29.67	3	1333.8292	1333.8295	445.6171	-0.0003	-0.2244	1818.65	2918.88	2702.27	2177.65	Yes
													QAASSLQQASLK	0.84	23.34	26.22	25.99	3	1518.8581	1518.8609	507.2942	-0.0028	-1.8398	624.21	884.88	477.04	630.04	Yes
													QAASSLQQASLK	0.91	21.15	26.04	27.80	3	1518.8605	1518.8609	507.2942	-0.0004	-0.2628	889.62	1000.15	1078.82	1196.57	Yes
													QAVTNPNNTFYATK	0.99	27.96	27.90	19.36	3	1855.9699	1855.9672	619.6630	0.0027	1.4524	388.07	477.51	427.60	433.40	Yes
													NVPFK	0.97	26.20	26.10	31.41	2	891.5426	891.5422	446.7784	0.0004	0.4476	17493.78	25669.48	24317.42	19994.69	Yes
													TIAPCQK	1.00	41.96	28.14	17.43	2	1093.5852	1093.5867	547.8006	-0.0015	-1.3691	5381.95	9786.07	7612.17	6872.81	Yes
													LFEMAYK	1.00	37.58	27.69	24.84	2	1188.6462	1188.6456	595.3301	0.0006	0.5039	14961.32	21066.28	15113.00	16399.73	Yes
													LFEMAYK	1.00	52.22	28.45	34.24	2	1188.6468	1188.6456	595.3301	0.0012	1.0078	20164.31	26135.79	20976.20	19780.01	Yes
													SDIGEVILVGGMTR	1.00	74.82	27.99	29.66	2	1589.8572	1589.8569	795.9357	0.0003	0.1885	2494.19	3349.43	2309.76	1991.75	Yes
													SDIGEVILVGGMTR	1.00	60.59	27.98	28.86	2	1589.8578	1589.8569	795.9357	0.0009	0.5654	1711.28	2335.44	1610.97	1787.21	Yes
													LFEMAYK	1.00	52.17	27.88	34.17	2	1188.6456	1188.6456	595.3301	0.0000	0.0000	10996.27	16604.89	13279.43	12534.28	Yes
													LFEMAYK	1.00	37.51	27.69	25.99	2	1188.6462	1188.6456	595.3301	0.0006	0.5039	14725.85	20612.97	17072.84	15504.32	Yes
													DAGQISGLNVLR	1.00	69.51	27.55	42.61	2	1385.7754	1385.7749	693.8947	0.0005	0.3603	3216.99	3930.16	3152.83	3097.48	Yes
													DAGQISGLNVLR	1.00	72.19	27.63	43.08	2	1385.7764	1385.7749	693.8947	0.0015	1.0809	2211.57	3038.86	2456.20	2127.31	Yes
													AQFEGIVTDLIR	1.00	75.57	27.48	24.03	2	1504.8380	1504.8371	753.4258	0.0009	0.5973	274.09	384.73	331.23	265.45	Yes
													AQFEGIVTDLIR	1.00	63.41	27.47	31.57	2	1504.8382	1504.8371	753.4258	0.0011	0.7300	1100.80	1445.06	1066.06	1117.36	Yes
													SDIGEVILVGGMTR	1.00	74.09	27.99	28.97	2	1589.8572	1589.8569	795.9357	0.0003	0.1885	106.60	162.96	136.58	100.82	Yes
													LVGMPAK	0.97	37.66	23.91	20.65	2	1002.6208	1002.6140	502.3143	0.0068	6.7686	18977.25	21773.10	18391.63	18744.62	Yes
													LVGMPAK	0.97	37.62	23.91	19.57	2	1002.6212	1002.6140	502.3143	0.0072	7.1668	18037.01	23345.89	20357.57	19187.80	Yes
													LFEMAYK	1.00	36.42	27.89	23.36	2	1188.6458	1188.6456	595.3301	0.0002	0.1680	3099.22	4373.62	3181.08	3191.81	Yes
													DAGQISGLNVLR	1.00	71.18	27.51	44.30	2	1385.7758	1385.7749	693.8947	0.0009	0.6485	13551.87	16114.08	14173.24	12352.82	Yes
													DAGQISGLNVLR	1.00	73.95	27.47	56.74	2	1385.7760	1385.7749	693.8947	0.0011	0.7926	10873.77	16348.33	13320.80	12611.81	Yes
													AQFEGIVTDLIR	1.00	45.46	27.38	24.73	3	1504.8385	1504.8371	502.6196	0.0014	0.9285	71.15	139.03	98.08	103.52	Yes
													AQFEGIVTDLIR	1.00	63.80	27.36	19.13	2	1504.8390	1504.8371	753.4258	0.0019	1.2609	8253.63	10652.82	8694.53	7027.44	Yes
													AQFEGIVTDLIR	0.94	21.24	27.19	18.47	3	1504.8394	1504.8371	502.6196	0.0023	1.5253	36.79	28.85	47.61	42.57	No
													AQFEGIVTDLIR	1.00	62.67	27.19	19.05	2	1504.8398	1504.8371	753.4258	0.0027	1.7918	11583.36	16129.41	13175.31	11781.47	Yes

													LVGMPAK	0.98	37.83	23.84	19.18	2	1002.6216	1002.6140	502.3143	0.0076	7.5649	7243.59	9661.05	7528.75	7823.05	Yes
													LVGMPAK	0.98	37.65	23.84	20.83	2	1002.6216	1002.6140	502.3143	0.0076	7.5649	9117.44	12220.28	8016.36	8798.47	Yes
													DAGQISGLNVLR	1.00	69.75	27.52	52.92	2	1385.7744	1385.7749	693.8947	-0.0005	-0.3603	5493.78	6599.37	6595.04	5114.09	Yes
													DAGQISGLNVLR	1.00	70.43	27.60	42.73	2	1385.7762	1385.7749	693.8947	0.0013	0.9367	3453.87	4813.91	3618.30	3607.16	Yes
													AQFEGIVTDLIR	1.00	47.25	27.44	29.44	3	1504.8376	1504.8371	502.6196	0.0005	0.3316	26.79	22.73	31.06	14.46	No
													AQFEGIVTDLIR	0.56	61.37	27.36	74.37	2	1504.8390	1504.8371	753.4258	0.0019	1.2609	4536.15	5990.39	5433.80	4937.32	Yes
													AQFEGIVTDLIR	1.00	60.13	27.19	22.37	2	1504.8394	1504.8371	753.4258	0.0023	1.5264	945.69	1478.91	1210.54	1071.34	Yes
													NAVITVPAYFNDSQR	1.00	74.94	28.20	27.75	2	1837.9426	1837.9444	919.9795	-0.0018	-0.9783	205.69	273.67	253.92	232.63	Yes
													NAVITVPAYFNDSQR	1.00	75.04	28.13	29.66	2	1837.9436	1837.9444	919.9795	-0.0008	-0.4348	211.29	375.96	219.20	202.73	Yes
													DAGQISGLNVLR	1.00	66.85	27.52	42.62	2	1385.7746	1385.7749	693.8947	-0.0003	-0.2162	746.63	984.98	785.41	758.21	Yes
													AQFEGIVTDLIR	1.00	66.57	27.48	22.87	2	1504.8380	1504.8371	753.4258	0.0009	0.5973	255.42	326.04	250.27	231.06	Yes
													NAVITVPAYFNDSQR	1.00	68.31	28.18	25.34	2	1837.9424	1837.9444	919.9795	-0.0020	-1.0870	107.50	128.60	167.43	119.63	No
													NAVITVPAYFNDSQR	1.00	67.41	28.20	24.80	2	1837.9426	1837.9444	919.9795	-0.0018	-0.9783	295.49	450.10	461.93	499.02	No
													VQQTVQDLFGR	1.00	60.28	28.33	26.07	2	1433.7776	1433.7749	717.8947	0.0027	1.8805	4517.36	6723.15	4885.25	4082.43	Yes
													VQQTVQDLFGR	1.00	62.58	28.14	25.37	2	1433.7796	1433.7749	717.8947	0.0047	3.2734	1613.46	1785.21	1484.10	1289.22	Yes
													NAVITVPAYFNDSQR	1.00	47.02	28.09	21.30	2	1837.9448	1837.9444	919.9795	0.0004	0.2174	144.19	193.58	180.63	194.29	Yes
													VQQTVQDLFGR	1.00	58.35	28.39	26.51	2	1433.7764	1433.7749	717.8947	0.0015	1.0447	5772.18	6543.25	6177.69	4997.52	Yes
													VQQTVQDLFGR	1.00	61.40	28.29	26.19	2	1433.7772	1433.7749	717.8947	0.0023	1.6019	11453.91	13157.34	13283.11	11377.82	Yes
													LVGMPAKR	0.83	19.10	26.03	17.14	2	1174.7100	1174.7100	588.3623	0.0000	0.0000	36.91	36.91	40.58	53.88	No
													LVGMPAKR	0.81	18.64	26.20	16.10	2	1174.7104	1174.7100	588.3623	0.0004	0.3399	42.16	38.89	50.38	61.32	No
													VQQTVQDLFGR	1.00	57.17	28.32	25.83	2	1433.7760	1433.7749	717.8947	0.0011	0.7661	922.96	1386.66	983.30	860.79	Yes
													VQQTVQDLFGR	1.00	59.97	28.39	24.02	2	1433.7762	1433.7749	717.8947	0.0013	0.9054	3067.75	3960.43	2959.31	2967.37	Yes
													LVGMPAKR	0.73	16.83	26.03	14.44	2	1174.7096	1174.7100	588.3623	-0.0004	-0.3399	59.96	67.90	58.13	78.79	No
													LVGMPAKR	0.64	15.07	26.03	18.80	2	1174.7098	1174.7100	588.3623	-0.0002	-0.1700	65.35	52.17	84.37	70.96	No
													LYSPSQIGAFVLMK	0.99	28.25	26.29	16.49	3	1857.0340	1857.0314	620.0177	0.0026	1.3978	19.29	9.29	14.90	18.87	No
													LYSPSQIGAFVLMK	1.00	82.58	25.49	21.67	3	1841.0371	1841.0365	614.6861	0.0006	0.3254	16.96	30.36	14.61	18.21	No
													LYSPSQIGAFVLMK	1.00	73.56	25.48	22.70	3	1841.0377	1841.0365	614.6861	0.0012	0.6507	23.99	23.85	22.77	11.95	No
													LYSPSQIGAFVLMK	1.00	62.86	25.48	20.42	3	1841.0377	1841.0365	614.6861	0.0012	0.6507	20.75	15.71	32.62	22.71	No
													LYSPSQIGAFVLMK	1.00	40.53	25.45	24.74	3	1841.0380	1841.0365	614.6861	0.0015	0.8134	4.53	13.81	4.09	5.71	No
HTRA2	O43464	Serine protease HTRA2, mitochondrial	1.00	6	21.8	1.21	0.30	0.98	0.22	1.11	0.30	10	TQSQLAVQIR	0.77	24.90	27.10	23.72	2	1142.6378	1142.6408	572.3277	-0.0030	-2.6209	37.23	21.39	38.15	42.81	No
													EPLPTLPLGR	1.00	35.99	25.69	22.79	2	1235.7358	1235.7359	618.8752	-0.0001	-0.0808	822.70	781.26	863.12	847.87	Yes
													EPLPTLPLGR	0.99	32.58	25.55	21.13	2	1235.7366	1235.7359	618.8752	0.0007	0.5655	1755.24	2246.80	1998.31	1824.87	Yes
													TQSQLAVQIR	1.00	69.34	26.09	28.76	2	1286.7498	1286.7428	644.3787	0.0070	5.4316	1289.49	1948.63	2145.51	1685.00	Yes
													TQSQLAVQIR	1.00	59.49	25.65	24.44	2	1286.7516	1286.7428	644.3787	0.0088	6.8282	706.69	937.17	1012.78	815.68	Yes
													AGLRPGDVILAIGEQMVQNAEDVYEAVR	1.00	41.44	25.84	18.03	4	3156.6437	3156.6359	790.1663	0.0078	2.4678	5.51	4.45	4.24	5.62	No
													VTAGISFAIPSDR	1.00	63.60	27.78	29.37	2	1476.8048	1476.8058	739.4102	-0.0010	-0.6762	108.20	156.03	193.93	162.63	Yes
													VTAGISFAIPSDR	1.00	68.92	27.59	35.76	2	1476.8054	1476.8058	739.4102	-0.0004	-0.2705	298.29	341.56	382.20	313.23	Yes
													VILGSPAHR	0.66	20.46	27.12	25.78	2	1092.6504	1092.6526	547.3336	-0.0022	-2.0097	63.73	120.53	117.30	105.66	Yes
													VILGSPAHR	0.98	33.47	27.12	28.80	2	1092.6504	1092.6526	547.3336	-0.0022	-2.0097	139.34	247.41	236.71	176.51	Yes
													HPFLGR	0.81	15.91	21.85	23.54	2	869.4982	869.4994	435.7570	-0.0012	-1.3769	85.28	113.79	101.31	82.29	Yes
													HPFLGR	0.77	14.81	21.85	22.64	2	869.4984	869.4994	435.7570	-0.0010	-1.1474	153.09	163.98	175.53	187.04	Yes
IFFO2	Q5TF58	Intermediate filament family orphan 2	1.00	3	17.1	0.83	0.09	1.99	0.37	2.05	0.29	10	MNLQTMVDTLQEAAQEADAIQEEMNEK	1.00	99.91	25.05	19.63	3	3367.5772	3367.5825	1123.5348	-0.0053	-1.5724	1.47	1.07	1.42	0.00	No
													MNLQTMVDTLQEAAQEADAIQEEMNEK	1.00	52.57	25.26	65.57	4	3367.5833	3367.5825	842.9029	0.0008	0.2373	15.64	58.78	3.21	54.18	No
													MNLQTMVDTLQEAAQEADAIQEEMNEK	1.00	64.67	25.28	77.67	4	3367.5857	3367.5825	842.9029	0.0032	0.9491	7.80	45.74	13.87	36.34	No
													MNLQTMVDTLQEAAQEADAIQEEMNEK	0.99	18.30	25.25	14.51	4	3367.5841	3367.5825	842.9029	0.0016	0.4746	5.93	4.51	2.59	3.79	No
													IFQVVPK	0.99	29.22	23.12	27.65	2	1117.7096	1117.7103	559.8624	-0.0007	-0.6252	2955.29	6849.25	2784.18	7833.95	Yes
													IFQVVPK	0.98	26.64	23.12	25.79	2	1117.7098	1117.7103	559.8624	-0.0005	-0.4465	3041.82	7430.53	2742.46	9404.51	Yes
													IFQVVPK	0.98	29.78	23.60	28.31	2	1117.7084	1117.7103	559.8624	-0.0019	-1.6968	794.40	1825.33	705.26	1839.76	Yes
													IFQVVPK	0.98	29.49	23.56	27.99	2	1117.7086	1117.7103	559.8624	-0.0017	-1.5182	1103.62	2814.66	1160.96	3288.30	Yes
													MFNQLR	0.97	27.81	27.86	32.02	2	951.5080	951.5082	476.7614	-0.0002	-0.2097	143.55	452.86	157.40	366.99	Yes
													MFNQLR	0.80	20.13	27.86	26.24	2	951.5082	951.5082	476.7614	0.0000	0.0000	236.34	621.56	242.96	538.22	Yes
													MFNQLR	0.93	29.55	27.82	33.82	2	951.5066	951.5082	476.7614	-0.0016	-1.6780	1505.08	3769.67	1347.01	3403.78	Yes
													MFNQLR	0.91	25.26	27.87	28.59	2	951.5070	951.5082	476.7614	-0.0012	-1.2585	1221.83	2876.87	1233.95	2835.76	Yes
													MFNQLR	0.96	29.83	27.87	34.10	2	951.5074	951.5082	476.7614	-0.0008	-0.8390	471.95	1172.78	465.57	1046.27	Yes
													MFNQLR	0.92	25.47	27.87	31.65	2	951.5074	951.5082	476.7614	-0.0008	-0.8390	550.50	1131.67	428.41	1038.04	Yes
IMMT	Q16891	Mitochondrial inner membrane protein	1.00	2	5.0	1.09	0.10	0.93	0.06	1.09	0.17	2	ERPPEEVAAR	1.00	57.45	28.12	22.92	3	1296.6907	1296.6908	433.2375	-0.0001	-0.0769	337.85	405.68	446.03	366.94	Yes
													ERPPEEVAAR	1.00	46.90	28.12	25.96	3	1296.6904	1296.6908	433.2375	-0.0004	-0.3078	1624.10	2331.58	1925.74	1905.92	Yes
													QTASVTLQAIAAQNAAVQAVNAHSNILK	1.00	48.14	21.21	61.14	4	3119.7305	3119.7294	780.9396	0.0011	0.3521	12.62	15.17	8.85	13.01	No
													QTASVTLQAIAAQNAAVQAVNAHSNILK	1.00	32.94	21.07	45.94	4	3119.7325	3119.7294	780.9396	0.0031	0.9924	0.00	0.00	0.00	2.73	No
IPO7	O95373	Importin-7	1.00	2	2.9	0.98	0.16	0.87	0.09	0.94	0.07	2	AIFQTIQNR	1.00	43.46	27.94	32.33	2	1233.6960	1233.6951	617.8548	0.0009	0.7283	120.89	131.10	122.34	120.76	Yes
													AKEYITPFIRPVMQALLHIIR	1.00	41.70	14.15	54.70	4	2796.6497	2796.6444	700.1684	0.0053	1.8924	52.65	62.11	65.56	59.33	Yes
ITPR3	Q14573	Inositol 1,4,5-trisphosphate receptor type 3	1.00	2	1.5	0.97	0.30	1.01	0.74	0.87	0.07	2	GSGKGEEVEAGAAK	1.00	39.84	28.19	24.87	3	1720.9318	1720.9321	574.6513	-0.0003	-0.1740	59.73	59.56	54.92	48.84	Yes
													LQHAAQMEQK	0.58	13.28	27.21	20.54	3	1470.7858	1470.7856	491.2691	0.0002	0.1357	182.22	200.16	245.94	338.52	Yes
KARS	Q15046	Lysyl-tRNA synthetase	1.00	2	2.5	0.78	0.07	0.94	0.05	0.83	0.07	10	LIFYDLR	0.99	31.41	26.35	29.99	2	1082.6250	1082.6246	542.3196	0.0004	0.3688	272.19	276.65	248.88	334.57	Yes
													LIFYDLR	0.99	33.39	26.29	31.58	2	1082.6260	1082.6246	542.3196	0.0014	1.2908	371.26	375.82	297.85	436.18	Yes
													LIFYDLR	0.97	28.76	26.35	27.51	2	1082.6254	1082.6246	542.3196	0.0008	0.7376	789.52	899.10	725.60	927.43	Yes
													LQVMANSR	1.00	36.51	28.02	29.83	2	1061.5776	1061.5773	531.7959	0.0003	0.2821	451.77	476.94	445.90	523.55	Yes
													LQVMANSR	0.99	37.45	28.10	23.94	2	1061.5780	1061.5773	531.7959	0.0007	0.6581	570.71	554.47	559.91	694.56	Yes
													LQVMANSR	0.95	25.65	27.69	21.77	2	1077.5720	1077.5722	539.7934	-0.0002	-0.1853	158.13	153.30	145.08	177.62	Yes
													LQVMANSR	0.92	23.79	27.69	29.89	2	1077.5720	1077.5722	539.7934	-0.0002	-0.1853	149.83	132.80	117.47	173.16	Yes
													LQVMANSR	0.99	33.76	27.95	23.38	2	1061.5772	1061.5773	531.7959	-0.0001	-0.0940	371.24	385.80	340.35	421.49	Yes
													LQVMANSR	0.95	28.46	28.10	22.99	2	1061.5780	1061.5773	531.7959	0.0007	0.6581	341.19	340.94	311.47	376.36	Yes
													LQVMANSR	0.93	24.69	27.57	27.93	2	1077.5718	1077.5722	539.7934	-0.0004	-0.3705	111.84	109.06	111.31	168.97	No
													LQVMANSR	0.97	27.41	27.57	28.37	2	1077.5718	1077.5722	539.7934	-0.0004	-0.3705	127.17	118.94	105.71	133.63	Yes
KCTD3	Q9Y597	BTB/POZ domain-containing protein KCTD3	1.00	4	8.3	0.93	0.11	0.78	0.11	0.77	0.15	8	LLLCEELER	1.00	59.01	28.18	27.80	2	1306.6764	1306.6746	654.3446	0.0018	1.3754	102.44	114.15	127.20	107.83	Yes
													LLLCEELER	1.00	48.92	28.22	27.46	2	1306.6768	1306.6746	654.3446	0.0022	1.6811	56.02	67.81	70.66	64.53	Yes
													DFQTINLNR	1.00	49.28	28.55	24.06	2	1263.6680	1263.6693	632.8419	-0.0013	-1.0271	2483.20	2222.81	2429.77	2340.08	Yes
													DFQTINLNR	1.00	50.82	28.52	26.97	2	1263.6692	1263.6693	632.8419	-0.0001	-0.0790	2383.43	2155.30	2450.11	2261.59	Yes

													GVSINVLR	1.00	45.55	28.35	36.11	2	1000.6126	1000.6151	501.3148	-0.0025	-2.4934	1880.00	1447.06	1925.16	1920.05	Yes
													GVSINVLR	0.99	35.26	27.08	27.21	2	1000.6142	1000.6151	501.3148	-0.0009	-0.8976	5040.12	4351.48	5345.65	4175.64	Yes
													GVSINVLR	0.99	32.77	26.99	30.67	2	1000.6156	1000.6151	501.3148	0.0005	0.4987	955.31	874.38	912.35	791.26	Yes
													GVSINVLR	0.99	32.27	26.99	29.64	2	1000.6158	1000.6151	501.3148	0.0007	0.6982	1381.18	1168.02	1469.16	1218.52	Yes
													CATPNISPATSVVQHSHLR	1.00	70.13	27.72	22.95	4	2207.1065	2207.1061	552.7838	0.0004	0.1809	39.33	103.41	71.96	61.46	No
													CATPNISPATSVVQHSHLR	1.00	57.59	27.70	19.85	4	2207.1077	2207.1061	552.7838	0.0016	0.7236	62.23	102.30	70.46	111.00	No
LIMD1	Q9UGP4	LIM domain-containing protein 1	1.00	8	18.6	0.95	0.18	1.11	0.40	1.24	0.37	9	GAGNNPEFEETRR	0.83	25.92	26.33	28.88	3	1619.7745	1619.7774	540.9331	-0.0029	-1.7870	50.87	30.51	29.31	15.63	No
													SSEGSLGGQNSGIGGR	1.00	81.71	26.91	22.69	2	1605.7866	1605.7829	803.8987	0.0037	2.3013	342.87	621.15	308.49	441.45	Yes
													LEALTQR	0.95	27.58	27.78	33.17	2	973.5664	973.5678	487.7912	-0.0014	-1.4350	392.10	623.52	461.41	452.86	Yes
													LEALTQR	0.75	21.77	27.75	34.58	2	973.5668	973.5678	487.7912	-0.0010	-1.0250	756.12	1217.58	858.34	1026.76	Yes
													SSEKPTGLWSTASSQR	0.99	44.03	28.08	24.52	3	2009.0269	2009.0421	670.6880	-0.0152	-7.5545	2558.54	3375.87	2277.52	3391.06	Yes
													VSPGLPSPNLENGAPAVGPVQPR	0.82	15.32	25.55	15.04	3	2396.2945	2396.2934	799.7717	0.0011	0.4585	113.66	130.05	102.71	111.77	Yes
													LPCQPLVPGPELRPSAAELK	0.99	32.56	24.47	17.04	3	2448.3424	2448.3476	817.1231	-0.0052	-2.1213	164.37	278.51	205.02	368.97	Yes
													LPCQPLVPGPELRPSAAELK	0.98	30.66	24.23	15.34	3	2448.3439	2448.3476	817.1231	-0.0037	-1.5094	249.88	357.57	286.75	323.96	Yes
													LPCQPLVPGPELRPSAAELK	1.00	27.57	23.93	15.15	3	2448.3472	2448.3476	817.1231	-0.0004	-0.1632	385.16	843.24	554.71	724.58	Yes
													RPSSTALHQHHF	0.71	15.56	27.79	18.04	3	1560.8032	1560.8031	521.2750	0.0001	0.0639	35.37	33.74	38.34	38.30	Yes
													TPSVSAPLALSCPR	1.00	61.51	27.66	17.14	2	1587.8218	1587.8235	794.9190	-0.0017	-1.0693	19.39	36.99	28.23	15.95	No
													TPSVSAPLALSCPR	0.60	66.77	27.66	79.77	2	1587.8218	1587.8235	794.9190	-0.0017	-1.0693	12.19	52.61	19.19	37.44	No
													TPSVSAPLALSCPR	0.87	18.44	27.77	15.54	3	1587.8239	1587.8235	530.2818	0.0004	0.2514	15.16	19.56	17.28	25.94	No
LMNA	P02545	Lamin-A/C	1.00	2	3.9	0.81	0.32	0.75	0.23	0.72	0.26	3	AQHEDQVEQYKK	1.00	25.60	27.59	18.99	4	1934.0221	1934.0223	484.5129	-0.0002	-0.1032	157.21	104.07	95.94	110.93	Yes
													SGAQASSTPLSPTR	1.00	78.23	27.42	27.24	2	1502.7788	1502.7811	752.3978	-0.0023	-1.5284	160.78	190.19	197.48	187.93	Yes
													SGAQASSTPLSPTR	1.00	82.66	27.42	27.62	2	1502.7790	1502.7811	752.3978	-0.0021	-1.3955	168.76	142.02	179.72	155.86	Yes
LPP	Q93052	Lipoma-preferred partner	1.00	3	7.4	0.87	0.33	1.13	0.19	1.15	0.18	4	STGEPLGHVPAR	1.00	37.82	28.16	20.47	3	1363.7326	1363.7330	455.5849	-0.0004	-0.2927	17.77	17.96	19.77	34.10	No
													SLDGIPFTVDAGGLIHCIEDFHK	1.00	44.47	26.90	57.47	4	2817.4057	2817.4074	705.3591	-0.0017	-0.6025	16.80	21.90	7.05	21.50	No
													SLDGIPFTVDAGGLIHCIEDFHK	1.00	47.56	26.82	60.56	4	2817.4101	2817.4074	705.3591	0.0027	0.9570	15.99	15.17	17.04	19.01	No
													SLDGIPFTVDAGGLIHCIEDFHK	1.00	39.67	26.80	17.69	4	2817.4137	2817.4074	705.3591	0.0063	2.2329	49.04	76.52	34.59	57.78	Yes
													SLDGIPFTVDAGGLIHCIEDFHK	1.00	28.35	26.82	41.35	4	2817.4101	2817.4074	705.3591	0.0027	0.9570	40.02	48.92	58.35	52.96	Yes
													SLDGIPFTVDAGGLIHCIEDFHK	1.00	43.99	26.90	56.99	4	2817.4109	2817.4074	705.3591	0.0035	1.2405	42.82	53.29	37.21	60.41	Yes
													FAPVVAPKPK	1.00	31.85	17.40	15.55	3	1484.9425	1484.9444	495.9887	-0.0019	-1.2769	1907.39	2885.98	2175.58	3103.90	Yes
LTF	P02788	Lactotransferrin	1.00	2	2.2	1.00	0.21	0.95	0.16	0.94	0.19	8	FDEFFR	0.98	30.07	25.02	33.86	2	1003.4890	1003.4885	502.7515	0.0005	0.4973	3328.25	4129.16	4423.56	4356.60	Yes
													FDEFFR	0.98	30.08	25.07	30.01	2	1003.4894	1003.4885	502.7515	0.0009	0.8951	1587.95	2133.66	2304.60	2132.02	Yes
													FDEFFR	0.98	30.12	24.94	30.07	2	1003.4898	1003.4885	502.7515	0.0013	1.2929	1277.00	1768.26	1724.07	1723.80	Yes
													VPSHAVVAR	0.93	25.68	27.57	26.18	2	1078.6362	1078.6369	540.3257	-0.0007	-0.6478	42.66	41.22	45.96	43.22	Yes
													VPSHAVVAR	0.85	22.60	27.57	24.76	2	1078.6362	1078.6369	540.3257	-0.0007	-0.6478	43.57	46.97	46.75	54.99	Yes
													VPSHAVVAR	0.98	31.67	27.57	24.74	2	1078.6360	1078.6369	540.3257	-0.0009	-0.8328	42.97	52.95	38.52	42.02	Yes
													VPSHAVVAR	0.99	35.36	27.57	26.11	2	1078.6362	1078.6369	540.3257	-0.0007	-0.6478	49.99	54.12	58.91	53.20	Yes
													VPSHAVVAR	0.97	26.95	26.22	24.30	2	1078.6366	1078.6369	540.3257	-0.0003	-0.2776	37.35	30.66	33.46	39.51	Yes
LUZP1	Q86V48	Leucine zipper protein 1	1.00	2	2.0	0.93	0.14	1.06	0.20	1.10	0.46	5	QKPVSKPGPNK	0.74	5.49	17.32	18.49	4	1755.0817	1755.0854	439.7786	-0.0037	-2.1033	110.89	179.46	130.72	180.19	Yes
													QKPVSKPGPNK	0.99	10.99	16.99	23.99	4	1755.0845	1755.0854	439.7786	-0.0009	-0.5116	373.19	402.04	372.06	420.83	Yes
													QKPVSKPGPNK	0.68	4.81	17.32	17.81	4	1755.0817	1755.0854	439.7786	-0.0037	-2.1033	140.76	175.14	121.68	166.27	Yes
													QKPVSKPGPNK	0.90	6.80	17.32	19.80	4	1755.0833	1755.0854	439.7786	-0.0021	-1.1938	89.00	81.38	107.50	109.23	Yes
													AIGALASSRR	0.93	24.83	26.31	20.08	2	1000.5790	1000.5777	501.2961	0.0013	1.2966	40.80	84.53	44.09	57.50	Yes
LZTFL1	Q9NQ48	Leucine zipper transcription factor-like protein 1	1.00	8	26.1	1.07	0.20	1.04	0.17	1.00	0.19	27	ELLEQVAEFEK	1.00	72.10	27.47	27.03	2	1621.8816	1621.8806	811.9476	0.0010	0.6158	290.69	356.38	281.28	299.69	Yes
													ELLEQVAEFEK	1.00	72.67	27.47	26.22	2	1621.8816	1621.8806	811.9476	0.0010	0.6158	254.24	234.99	256.64	295.94	Yes
													VQEQLHMAEK	0.98	25.04	27.36	18.32	3	1499.8018	1499.8010	500.9409	0.0008	0.5323	976.82	1140.36	1084.73	1240.77	Yes
													VQEQLHMAEK	0.92	20.32	27.33	19.60	3	1499.8027	1499.8010	500.9409	0.0017	1.1312	798.16	932.93	926.81	1049.01	Yes
													QLFAQAEK	1.00	36.77	27.23	26.91	2	1221.6964	1221.6961	611.8553	0.0003	0.2452	157.51	148.26	165.85	129.02	Yes
													QLFAQAEK	1.00	41.31	27.51	28.74	2	1221.6974	1221.6961	611.8553	0.0013	1.0623	466.70	501.40	529.24	527.78	Yes
													LAPLNEGGTAELLNK	0.91	29.46	24.55	19.78	3	1827.0526	1827.0345	610.0188	0.0181	9.8903	150.18	119.32	119.27	84.96	No
													AQDLSNLENTVAALK	1.00	52.46	26.70	24.04	3	1874.0371	1874.0352	625.6857	0.0019	1.0122	252.77	345.69	284.12	383.19	Yes
													AQDLSNLENTVAALK	1.00	83.00	26.68	26.26	3	1874.0377	1874.0352	625.6857	0.0025	1.3319	33.37	39.65	41.61	35.30	Yes
													LAPLNEGGTAELLNK	0.99	26.60	25.37	15.81	3	1827.0373	1827.0345	610.0188	0.0028	1.5300	33.22	36.40	43.25	29.21	No
													AQDLSNLENTVAALK	1.00	98.09	26.79	28.12	2	1874.0364	1874.0352	938.0249	0.0012	0.6396	54.17	54.03	64.91	75.61	Yes
													AQDLSNLENTVAALK	1.00	58.36	26.79	22.23	3	1874.0368	1874.0352	625.6857	0.0016	0.8524	33.78	23.45	46.03	34.40	No
													AQDLSNLENTVAALK	1.00	60.97	26.68	19.72	3	1874.0377	1874.0352	625.6857	0.0025	1.3319	31.81	32.79	30.30	52.10	No
													KPILDVTKPK	1.00	28.89	10.79	41.89	4	1714.1233	1714.1204	429.5374	0.0029	1.6879	7655.84	8104.23	8221.32	9725.65	Yes
													KPILDVTKPK	1.00	35.37	10.79	48.37	4	1714.1245	1714.1204	429.5374	0.0041	2.3863	15643.14	15904.66	17435.83	21995.13	Yes
													KPILDVTKPK	1.00	23.72	12.30	36.72	4	1714.1077	1714.1204	429.5374	-0.0127	-7.3917	3266.03	3315.99	3507.07	4026.07	Yes
													KPILDVTKPK	1.00	30.23	10.79	43.23	4	1714.1221	1714.1204	429.5374	0.0017	0.9894	566.33	493.25	537.59	604.03	Yes
													FQQTAAYR	1.00	41.93	26.52	20.67	2	1127.5840	1127.5845	564.7995	-0.0005	-0.4426	2010.93	2574.27	2895.08	2974.04	Yes
													FQQTAAYR	1.00	37.36	26.52	24.14	2	1127.5840	1127.5845	564.7995	-0.0005	-0.4426	2159.84	2528.11	2357.76	2516.10	Yes
													FQQTAAYR	0.99	38.26	26.36	27.79	2	1127.5812	1127.5845	564.7995	-0.0033	-2.9214	979.65	1097.03	1089.85	1274.55	Yes
													KFQQTAAYR	0.97	26.23	27.57	15.71	3	1399.7800	1399.7816	467.6011	-0.0016	-1.1406	434.86	572.29	607.42	529.31	Yes
													KFQQTAAYR	0.99	41.58	27.64	21.44	2	1399.7782	1399.7816	700.8981	-0.0034	-2.4255	335.81	418.18	469.81	455.80	Yes
													KFQQTAAYR	0.97	34.28	27.68	23.64	2	1399.7788	1399.7816	700.8981	-0.0028	-1.9974	421.94	580.77	612.72	616.80	Yes
													KFQQTAAYR	0.93	26.92	27.68	17.07	3	1399.7791	1399.7816	467.6011	-0.0025	-1.7821	324.86	468.69	495.96	446.47	Yes
													KFQQTAAYR	0.76	37.20	27.38	19.85	2	1399.7766	1399.7816	700.8981	-0.0050	-3.5669	202.44	289.04	250.28	240.67	Yes
													KFQQTAAYR	0.99	39.06	27.57	21.22	2	1399.7798	1399.7816	700.8981	-0.0018	-1.2841	276.15	390.74	416.53	396.60	Yes
													KFQQTAAYR	0.99	29.18	27.64	18.39	3	1399.7809	1399.7816	467.6011	-0.0007	-0.4990	304.77	458.00	462.83	434.73	Yes
													KFQQTAAYR	0.99	28.36	27.47	19.37	3	1399.7812	1399.7816	467.6011	-0.0004	-0.2851	586.58	885.19	910.06	832.61	Yes
													FQQTAAYR	1.00	39.01	26.30	19.01	2	1127.5824	1127.5845	564.7995	-0.0021	-1.8591	304.47	366.76	392.56	433.82	Yes
													KFQQTAAYR	0.96	24.33	27.64	15.25	3	1399.7806	1399.7816	467.6011	-0.0010	-0.7129	198.87	292.66	329.18	304.45	Yes
													KFQQTAAYR	0.99	26.94	27.48	16.77	3	1399.7815	1399.7816	467.6011	-0.0001	-0.0713	270.17	314.21	326.30	333.77	Yes
MAP4	P27816	Microtubule-associated protein 4	1.00	2	3.6	0.90	0.09	1.06	0.07	1.10	0.09	9	ASPSKPASAPASR	0.99	27.33	26.97	17.43	3	1513.8442	1513.8456	505.6225	-0.0014	-0.9230	105.28	129.35	115.97	130.19	Yes
													ASPSKPASAPASR	1.00	38.56	26.97	20.90	3	1513.8454	1513.8456	505.6225	-0.0002	-0.1319	235.93	308.90	251.50	308.54	Yes
													ASPSKPASAPASR	1.00	30.48	26.94	20.55	3	1513.8457	1513.8456	505.6225	0.0001	0.0659	141.87	218.22	173.07	218.96	No
													KPTSAKPSSTTPR	1.00	40.20	23.60	17.32	3	1789.0405	1789.0423	597.3547	-0.0018	-1.0044	49.00	62.48	53.80	65.39	Yes
													KPTSAKPSSTTPR	1.00	36.62	23.56	20.74	4	1789.0417	1789.0423	448.2679	-0.0006	-0.3346	55.20	80.39	61.42	67.74	Yes

													KPTSAKPSSTTPR	1.00	25.33	23.40	14.76	4	1789.0413	1789.0423	448.2679	-0.0010	-0.5577	64.21	85.63	60.51	90.76	Yes
													KPTSAKPSSTTPR	1.00	24.49	23.56	20.65	4	1789.0417	1789.0423	448.2679	-0.0006	-0.3346	144.06	179.40	133.51	175.61	Yes
													KPTSAKPSSTTPR	1.00	38.72	23.50	19.36	3	1789.0429	1789.0423	597.3547	0.0006	0.3348	32.73	43.09	33.09	44.62	Yes
													KPTSAKPSSTTPR	1.00	26.05	23.56	23.49	4	1789.0417	1789.0423	448.2679	-0.0006	-0.3346	88.87	117.77	81.94	114.23	Yes
													KPTSAKPSSTTPR	1.00	26.82	23.56	20.81	4	1789.0417	1789.0423	448.2679	-0.0006	-0.3346	80.88	106.87	70.64	146.31	No
													KPTSAKPSSTTPR	0.98	15.33	23.40	18.98	4	1789.0413	1789.0423	448.2679	-0.0010	-0.5577	58.32	86.39	66.55	75.10	Yes
MAPRE1	Q15691	End binding protein 1	1.00	4	17.5	1.70	0.29	1.47	0.20	1.49	0.27	32	KPLTSSSAAPQRPISTQR	1.00	32.20	23.32	45.20	4	2212.2513	2212.2531	554.0706	-0.0018	-0.8122	24.83	54.58	43.03	43.85	No
													KPLTSSSAAPQRPISTQR	1.00	19.85	23.30	32.85	4	2212.2525	2212.2531	554.0706	-0.0006	-0.2707	12.10	42.56	28.41	23.75	No
													KPLTSSSAAPQRPISTQR	1.00	32.33	23.32	17.19	3	2212.2514	2212.2531	738.4250	-0.0017	-0.7674	146.33	226.20	314.27	278.47	Yes
													KPLTSSSAAPQRPISTQR	1.00	23.40	23.30	36.40	4	2212.2525	2212.2531	554.0706	-0.0006	-0.2707	574.32	1405.23	1526.42	1192.54	Yes
													KPLTSSSAAPQRPISTQR	1.00	28.86	23.14	41.86	4	2212.2529	2212.2531	554.0706	-0.0002	-0.0902	368.87	797.41	847.39	808.89	Yes
													KPLTSSSAAPQRPISTQR	1.00	27.42	23.12	40.42	4	2212.2545	2212.2531	554.0706	0.0014	0.6317	696.89	1235.68	1282.30	1218.50	Yes
													KPLTSSSAAPQRPISTQR	0.74	11.43	26.26	20.62	4	1924.0497	1924.0490	482.0195	0.0007	0.3631	23.39	34.22	46.47	16.49	No
													KPLTSSSAAPQRPISTQR	1.00	24.09	23.12	37.09	4	2212.2549	2212.2531	554.0706	0.0018	0.8122	3023.70	4792.30	5767.52	5550.77	Yes
													KPLTSSSAAPQRPISTQR	0.95	16.35	26.25	16.14	4	1924.0485	1924.0490	482.0195	-0.0005	-0.2593	41.46	56.15	52.73	58.39	Yes
													KPLTSSSAAPQRPISTQR	1.00	27.91	23.12	40.91	4	2212.2537	2212.2531	554.0706	0.0006	0.2707	3761.30	6878.98	7555.67	7940.96	Yes
													KPLTSSSAAPQRPISTQR	1.00	25.11	23.12	38.11	4	2212.2545	2212.2531	554.0706	0.0014	0.6317	501.93	802.06	916.51	839.79	Yes
													KPLTSSSAAPQRPISTQR	1.00	35.07	26.43	15.89	3	1924.0474	1924.0490	642.3569	-0.0016	-0.8303	14.61	23.11	26.47	20.15	No
													KPLTSSSAAPQRPISTQR	0.65	11.39	26.29	16.55	4	1924.0481	1924.0490	482.0195	-0.0009	-0.4668	45.89	104.75	75.14	79.55	Yes
													KPLTSSSAAPQRPISTQR	1.00	37.79	23.50	50.79	4	2212.2481	2212.2531	554.0706	-0.0050	-2.2560	1504.50	2709.16	3068.04	2730.79	Yes
													KPLTSSSAAPQRPISTQR	1.00	34.71	22.92	47.71	4	2212.2649	2212.2531	554.0706	0.0118	5.3242	2111.37	3790.29	3832.01	3905.12	Yes
													KPLTSSSAAPQRPISTQR	1.00	32.05	23.48	45.05	4	2212.2493	2212.2531	554.0706	-0.0038	-1.7146	633.08	1237.66	1350.62	1198.96	Yes
													KPLTSSSAAPQRPISTQR	1.00	26.18	23.26	39.18	4	2212.2521	2212.2531	554.0706	-0.0010	-0.4512	1742.83	3455.51	3665.24	2919.72	Yes
													KPLTSSSAAPQRPISTQR	1.00	28.59	23.52	41.59	4	2212.2477	2212.2531	554.0706	-0.0054	-2.4365	1421.86	2644.67	3058.50	2828.09	Yes
													KPLTSSSAAPQRPISTQR	1.00	34.30	23.40	47.30	4	2212.2497	2212.2531	554.0706	-0.0034	-1.5341	752.98	1411.53	1523.89	1262.43	Yes
													KPLTSSSAAPQRPISTQR	1.00	35.66	23.32	48.66	4	2212.2513	2212.2531	554.0706	-0.0018	-0.8122	312.10	570.80	716.06	538.57	Yes
													KPLTSSSAAPQRPISTQR	1.00	26.95	23.32	39.95	4	2212.2513	2212.2531	554.0706	-0.0018	-0.8122	469.46	850.47	997.59	947.64	Yes
													KPLTSSSAAPQRPISTQR	1.00	34.14	23.32	47.14	4	2212.2513	2212.2531	554.0706	-0.0018	-0.8122	570.89	1228.46	1214.28	1169.83	Yes
													KPLTSSSAAPQRPISTQR	1.00	36.69	23.30	49.69	4	2212.2525	2212.2531	554.0706	-0.0006	-0.2707	393.45	776.26	755.20	776.15	Yes
													KPLTSSSAAPQRPISTQR	0.80	12.95	26.20	15.98	4	1924.0493	1924.0490	482.0195	0.0003	0.1556	10.67	55.14	30.50	24.64	No
													KPLTSSSAAPQRPISTQR	0.92	15.21	26.20	16.26	4	1924.0493	1924.0490	482.0195	0.0003	0.1556	10.61	44.90	29.05	17.64	No
													KPLTSSSAAPQRPISTQR	1.00	25.36	23.32	38.36	4	2212.2513	2212.2531	554.0706	-0.0018	-0.8122	262.30	374.35	373.50	410.94	Yes
													KPLTSSSAAPQRPISTQR	1.00	20.09	23.14	33.09	4	2212.2529	2212.2531	554.0706	-0.0002	-0.0902	617.57	964.76	1204.69	961.25	Yes
													KPLTSSSAAPQRPISTQR	0.75	12.33	26.29	15.83	4	1924.0481	1924.0490	482.0195	-0.0009	-0.4668	13.62	51.71	33.24	25.31	No
													KPLTSSSAAPQRPISTQR	1.00	28.26	23.34	41.26	4	2212.2517	2212.2531	554.0706	-0.0014	-0.6317	113.41	174.47	199.94	192.72	Yes
													KPLTSSSAAPQRPISTQR	1.00	32.52	23.14	45.52	4	2212.2529	2212.2531	554.0706	-0.0002	-0.0902	363.87	699.25	644.97	707.83	Yes
													KPLTSSSAAPQRPISTQR	0.98	18.19	26.20	31.19	4	1924.0493	1924.0490	482.0195	0.0003	0.1556	8.88	15.94	17.68	16.34	No
													KPLTSSSAAPQRPISTQR	1.00	28.38	23.30	41.38	4	2212.2525	2212.2531	554.0706	-0.0006	-0.2707	120.63	243.50	241.67	214.06	Yes
													KPLTSSSAAPQRPISTQR	1.00	32.76	23.14	45.76	4	2212.2529	2212.2531	554.0706	-0.0002	-0.0902	164.16	299.65	368.91	295.72	Yes
													KPLTSSSAAPQRPISTQR	0.86	13.95	26.35	18.65	4	1924.0477	1924.0490	482.0195	-0.0013	-0.6742	10.87	29.47	15.34	17.77	No
													KPLTSSSAAPQRPISTQR	0.83	13.34	26.29	18.17	4	1924.0481	1924.0490	482.0195	-0.0009	-0.4668	8.78	21.24	34.76	17.09	No
													KPLTSSSAAPQRPISTQR	0.52	16.77	26.25	29.77	3	1924.0486	1924.0490	642.3569	-0.0004	-0.2076	1.58	0.00	3.92	1.89	No
													KPLTSSSAAPQRPISTQR	0.99	21.64	23.12	18.34	3	2212.2538	2212.2531	738.4250	0.0007	0.3160	116.21	161.93	232.57	176.63	Yes
													KPLTSSSAAPQRPISTQR	1.00	33.90	23.12	46.90	4	2212.2549	2212.2531	554.0706	0.0018	0.8122	96.85	196.52	221.40	177.42	Yes
													KPLTSSSAAPQRPISTQR	1.00	34.34	23.07	47.34	4	2212.2553	2212.2531	554.0706	0.0022	0.9927	216.95	325.67	323.16	329.50	Yes
													KPLTSSSAAPQRPISTQR	0.91	11.88	23.34	24.88	4	2212.2517	2212.2531	554.0706	-0.0014	-0.6317	1.69	10.10	4.78	4.75	No
													KPLTSSSAAPQRPISTQR	1.00	31.37	23.30	44.37	4	2212.2525	2212.2531	554.0706	-0.0006	-0.2707	5.67	11.59	14.23	6.72	No
													LTVEDLEK	0.61	31.00	27.50	25.91	2	1233.7180	1233.7060	617.8603	0.0120	9.7108	577.12	861.16	983.13	849.72	Yes
													FFDANYDGK	0.97	45.89	24.71	16.88	2	1363.6788	1363.6652	682.8399	0.0136	9.9583	350.80	524.16	597.59	517.91	Yes
													FFDANYDGK	0.98	48.02	24.71	17.59	2	1363.6788	1363.6652	682.8399	0.0136	9.9583	282.89	423.61	480.90	416.00	Yes
													FFDANYDGK	0.96	42.75	24.84	17.51	2	1363.6650	1363.6652	682.8399	-0.0002	-0.1464	314.82	469.31	535.29	463.07	Yes
													FQDNFEFVQWFK	0.94	29.37	26.57	15.52	3	1921.9624	1921.9607	641.6608	0.0017	0.8831	36.336	33.002	25.649	25.043	No
MCM5	P33992	DNA replication licensing factor MCM5	1.00	2	3.7	0.79	0.17	1.00	0.20	1.09	0.17	3	KCNTDQAGRPK	0.79	17.10	28.00	14.21	3	1694.8918	1694.8922	565.9713	-0.0004	-0.2356	36.39	32.79	20.39	35.46	No
													KCNTDQAGRPK	1.00	34.92	27.92	16.98	4	1694.8925	1694.8922	424.7303	0.0003	0.1766	260.26	358.73	199.19	372.89	Yes
													KCNTDQAGRPK	1.00	26.00	27.92	14.92	4	1694.8925	1694.8922	424.7303	0.0003	0.1766	168.86	243.29	185.01	208.09	Yes
													AGITTTLNSR	0.98	32.94	28.46	22.00	2	1176.6598	1176.6584	589.3365	0.0014	1.1878	163.74	183.68	146.53	168.85	Yes
MCM7	P33993	DNA replication licensing factor MCM7	1.00	3	4.2	0.89	0.08	0.84	0.17	0.92	0.11	3	LSTALAR	0.75	22.21	27.34	32.27	2	874.5340	874.5358	438.2752	-0.0018	-2.0535	251.36	275.03	247.90	219.95	Yes
													LSTALAR	0.92	32.46	27.53	39.87	2	874.5348	874.5358	438.2752	-0.0010	-1.1408	1005.59	1018.39	1123.92	1219.94	Yes
													GSSGVGLTAAVLR	1.00	89.44	27.08	26.96	2	1330.7648	1330.7691	666.3918	-0.0043	-3.2263	105.91	129.96	102.19	108.81	Yes
													AGILTTLNAR	1.00	42.80	25.31	23.96	2	1172.7010	1172.6999	587.3572	0.0011	0.9364	20.73	22.96	17.48	19.12	No
MTHFD1	P11586	C-1-tetrahydrofolate synthase, cytoplasmic	1.00	2	3.7	0.80	0.09	0.79	0.13	0.64	0.18	7	VLLSALER	1.00	51.05	23.80	30.01	2	1043.6462	1043.6461	522.8303	0.0001	0.0956	1011.08	775.84	899.76	973.32	Yes
													GALALAQAVQR	1.00	62.86	24.38	33.93	2	1240.7370	1240.7373	621.3759	-0.0003	-0.2414	472.37	301.26	409.63	424.29	Yes
													GALALAQAVQR	1.00	59.08	24.87	33.87	2	1240.7372	1240.7373	621.3759	-0.0001	-0.0805	860.38	502.88	709.89	899.68	Yes
													GALALAQAVQR	1.00	30.41	25.01	21.50	3	1240.7383	1240.7373	414.5864	0.0010	0.8040	53.93	36.06	46.20	47.94	Yes
													GALALAQAVQR	0.94	18.41	24.79	18.82	3	1240.7389	1240.7373	414.5864	0.0016	1.2864	47.15	49.06	46.77	36.57	Yes
													GALALAQAVQR	1.00	71.37	24.38	33.78	2	1240.7370	1240.7373	621.3759	-0.0003	-0.2414	143.21	114.83	152.36	170.76	Yes
													GALALAQAVQR	1.00	53.75	24.38	28.71	2	1240.7370	1240.7373	621.3759	-0.0003	-0.2414	118.07	122.32	114.02	119.56	Yes
													GALALAQAVQR	0.96	24.85	24.38	16.36	2	1240.7368	1240.7373	621.3759	-0.0005	-0.4023	5.63	10.30	6.32	11.36	No
MTHFD1L	Q6UB35	Monofunctional C1-tetrahydrofolate synthase, mitochondrial	1.00	3	5.2	1.09	0.20	1.05	0.10	0.96	0.09	7	DFILPISDVR	0.99	38.56	28.23	32.22	2	1317.7438	1317.7414	659.8780	0.0024	1.8185	230.08	206.79	214.26	200.79	No
													THLSLSHQPDKK	0.90	12.91	25.01	25.91	4	1822.0453	1822.0426	456.5179	0.0027	1.4786	36.17	39.76	32.37	42.89	Yes
													IQNMVSSGR	0.85	33.69	27.63	26.32	2	1134.6008	1134.5937	568.3041	0.0071	6.2466	319.57	377.42	459.64	419.87	Yes
													IQNMVSSGR	1.00	45.32	27.48	34.47	2	1134.5940	1134.5937	568.3041	0.0003	0.2639	259.26	278.71	289.92	298.20	Yes
													IQNMVSSGR	1.00	45.77	27.54	38.93	2	1134.5948	1134.5937	568.3041	0.0011	0.9678	999.25	1198.58	1263.36	1216.28	Yes
													IQNMVSSGR	1.00	48.98	27.88	21.17	2	1150.5882	1150.5886	576.3016	-0.0004	-0.3470	20.62	27.32	33.39	34.49	No
													IQNMVSSGR	1.00	41.94	27.92	22.14	2	1150.5884	1150.5886	576.3016	-0.0002	-0.1735	36.17	38.26	50.83	47.79	Yes
													IQNMVSSGR	1.00	42.70	27.54	31.32	2	1134.5944	1134.5937	568.3041	0.0007	0.6159	328.25	387.98	443.51	466.53	Yes
													IQNMVSSGR	1.00	43.61	27.56	27.88	2	1134.5946	1134.5937	568.3041	0.0009	0.7918	291.65	387.25	407.34	390.73	Yes
													IQNMVSSGR	1.00	41.83	27.85	21.97	2	1150.5880	1150.5886	576.3016	-0.0006	-0.5206	19.13	42.15	23.48	48.05	No

													IQNMVSSGR	0.98	32.56	27.85	19.02	2	1150.5880	1150.5886	576.3016	-0.0006	-0.5206	22.11	26.11	25.39	31.04	No
													IQNMVSSGR	0.82	22.05	27.72	15.28	2	1150.5876	1150.5886	576.3016	-0.0010	-0.8676	14.96	22.19	8.15	25.60	No
MVP	Q14764	Major vault protein	1.00	11	21.2	0.86	0.24	0.72	0.24	1.56	0.68	18	ILDQSEAEK	1.00	54.52	28.38	33.70	2	1319.7156	1319.7176	660.8661	-0.0020	-1.5132	1852.25	4375.99	1493.67	1419.23	Yes
													GQDPLADRGEK	0.94	35.95	28.06	27.68	3	1472.7799	1472.7827	491.9348	-0.0028	-1.8973	1592.71	1622.57	1250.67	1126.35	Yes
													GQDPLADRGEK	0.99	36.27	28.44	28.12	3	1472.7823	1472.7827	491.9348	-0.0004	-0.2710	1636.74	2160.13	1469.63	1619.27	Yes
													AVIGSTYMLTQDEVLWEK	0.52	39.42	26.92	52.42	3	2370.2395	2370.2385	791.0868	0.0010	0.4214	23.68	34.62	33.05	26.79	No
													VPHNAAVQVYDYR	1.00	47.73	28.08	18.57	3	1674.8704	1674.8600	559.2939	0.0104	6.1983	121.29	120.26	95.87	129.32	Yes
													VASGPSPGEGISPQSAQAPQAPQAPGDNHVVPVLR	1.00	28.32	25.55	41.32	4	3262.6837	3262.6817	816.6777	0.0020	0.6122	66.95	62.83	36.48	42.37	Yes
													LFSVPDFVGDACK	1.00	37.91	27.11	19.29	3	1730.8609	1730.8616	577.9611	-0.0007	-0.4037	26.21	47.26	18.32	16.27	No
													GPDGMALPRPR	0.95	22.46	28.31	25.37	3	1309.7062	1309.7047	437.5755	0.0015	1.1427	37.16	28.03	21.76	17.13	No
													GPDGMALPRPR	1.00	40.03	28.08	24.60	3	1309.7068	1309.7047	437.5755	0.0021	1.5997	21.41	27.55	33.27	14.27	No
													GPDGMALPRPR	1.00	39.40	27.45	15.74	3	1325.6986	1325.6996	442.9071	-0.0010	-0.7526	560.46	1197.15	577.96	479.89	Yes
													GPDGMALPRPR	0.99	27.52	27.44	15.30	3	1325.6992	1325.6996	442.9071	-0.0004	-0.3010	1068.20	2839.51	1568.46	1107.29	Yes
													DITPLQVVLPNTALHLK	1.00	53.90	17.24	18.33	3	2159.2960	2159.2922	720.7713	0.0038	1.7574	76.57	130.62	64.31	34.10	Yes
													SLQPLAPR	1.00	42.22	24.86	22.47	2	1024.6154	1024.6151	513.3148	0.0003	0.2922	293.02	815.45	338.35	283.85	Yes
													SLQPLAPR	1.00	36.85	24.83	19.43	2	1024.6160	1024.6151	513.3148	0.0009	0.8767	142.74	276.75	133.37	87.18	Yes
													GPDGMALPRPR	1.00	33.04	27.45	15.66	3	1325.6983	1325.6996	442.9071	-0.0013	-0.9784	403.60	1052.92	488.97	389.90	Yes
													GPDGMALPRPR	1.00	29.00	27.44	15.31	3	1325.6992	1325.6996	442.9071	-0.0004	-0.3010	400.50	684.71	404.56	370.74	Yes
													DITPLQVVLPNTALHLK	1.00	49.29	17.24	17.15	3	2159.2951	2159.2922	720.7713	0.0029	1.3412	18.97	126.62	54.30	11.88	No
													SLQPLAPR	1.00	44.25	25.25	24.32	2	1024.6166	1024.6151	513.3148	0.0015	1.4611	487.38	1502.21	619.43	509.46	Yes
													SLQPLAPR	1.00	40.65	24.90	20.06	2	1024.6168	1024.6151	513.3148	0.0017	1.6559	272.01	654.15	287.84	229.35	Yes
													SLQPLAPR	1.00	34.68	24.86	17.05	2	1024.6154	1024.6151	513.3148	0.0003	0.2922	117.97	257.68	91.61	101.60	Yes
													SLQPLAPR	1.00	43.09	24.83	22.69	2	1024.6156	1024.6151	513.3148	0.0005	0.4870	381.69	1088.41	347.90	335.89	Yes
													HYCTVANPVSR	0.97	23.71	28.23	22.86	3	1435.6831	1435.6822	479.5680	0.0009	0.6256	174.78	356.65	249.72	257.37	Yes
													HYCTVANPVSR	0.90	20.12	28.27	23.54	3	1435.6834	1435.6822	479.5680	0.0012	0.8341	221.44	290.57	251.74	286.21	Yes
													STLITDGSTPINLFNTAFGLLGMGPEGQPLGR	0.52	102.51	24.98	115.51	3	3417.7732	3417.7724	1140.2647	0.0008	0.2339	0.00	0.00	0.00	0.00	No
MYH9	P35579	Myosin-9	1.00	3	2.6	1.42	0.27	1.00	0.17	1.53	0.56	3	EMEAELEDER	1.00	65.60	25.21	20.33	2	1393.6140	1393.6153	697.8149	-0.0013	-0.9315	183.71	349.55	353.97	262.29	Yes
													EMEAELEDER	1.00	57.51	25.45	20.83	2	1393.6150	1393.6153	697.8149	-0.0003	-0.2150	160.96	214.62	261.03	186.95	Yes
													IAQLEEELEEEQGNTELINDR	0.52	58.72	26.91	71.72	3	2615.2681	2615.2684	872.7634	-0.0003	-0.1146	7.74	3.13	2.79	3.06	No
													RGDLPFVVPR	1.00	35.47	25.21	24.02	3	1298.7592	1298.7581	433.9266	0.0011	0.8450	38.21	93.81	53.27	42.03	Yes
MYO1B	O43795	Myosin-Ib	1.00	3	3.3	0.78	0.13	0.84	0.11	0.70	0.22	11	RPPTAGSQFK	0.98	34.14	27.94	18.94	2	1375.7800	1375.7816	688.8981	-0.0016	-1.1613	200.80	129.87	135.03	209.37	No
													RPPTAGSQFK	1.00	30.20	28.06	17.61	3	1375.7818	1375.7816	459.6011	0.0002	0.1451	413.33	334.07	424.65	430.25	Yes
													RPPTAGSQFK	0.52	33.76	27.84	46.76	3	1375.7824	1375.7816	459.6011	0.0008	0.5802	1285.55	965.38	1324.59	1407.71	Yes
													RPPTAGSQFK	0.99	33.63	27.81	18.94	2	1375.7802	1375.7816	688.8981	-0.0014	-1.0161	158.16	112.63	143.56	156.45	Yes
													RPPTAGSQFK	0.99	35.78	28.08	26.95	2	1375.7816	1375.7816	688.8981	0.0000	0.0000	183.57	125.98	121.98	145.70	Yes
													RPPTAGSQFK	1.00	43.13	27.60	18.29	3	1375.7833	1375.7816	459.6011	0.0017	1.2330	284.29	184.40	288.24	291.19	Yes
													RPPTAGSQFK	1.00	42.12	27.84	23.49	3	1375.7824	1375.7816	459.6011	0.0008	0.5802	207.91	186.76	190.98	213.16	Yes
													RPPTAGSQFK	1.00	35.97	27.84	17.25	3	1375.7824	1375.7816	459.6011	0.0008	0.5802	213.83	252.68	179.74	234.89	Yes
													RPPTAGSQFK	0.52	29.71	27.81	42.71	3	1375.7827	1375.7816	459.6011	0.0011	0.7978	195.16	233.88	155.16	222.71	Yes
													IFLLTNNNLLLADQK	1.00	49.48	25.43	25.21	3	2017.1812	2017.1815	673.4011	-0.0003	-0.1485	85.56	59.65	66.52	71.47	Yes
													IFLLTNNNLLLADQK	1.00	46.14	25.24	24.28	3	2017.1830	2017.1815	673.4011	0.0015	0.7425	87.25	60.83	67.84	72.88	Yes
													AAHIFNEALVCHQIR	0.98	34.78	26.84	22.64	3	1910.9713	1910.9729	637.9982	-0.0016	-0.8359	141.68	98.77	110.16	118.35	Yes
NCL	P19338	Nucleolin	1.00	7	8.6	0.83	0.13	1.05	0.21	1.35	0.22	10	EVFEDAAEIR	1.00	60.17	27.21	35.62	2	1321.6640	1321.6636	661.8391	0.0004	0.3022	334.75	587.85	270.21	524.45	Yes
													ALELTGLK	1.00	46.42	23.22	29.03	2	1131.7102	1131.7107	566.8626	-0.0005	-0.4410	1145.21	2075.21	1096.24	1500.11	Yes
													ALELTGLK	1.00	42.94	25.04	29.70	2	1131.7112	1131.7107	566.8626	0.0005	0.4410	496.54	758.90	407.73	561.01	Yes
													GIAYIEFK	1.00	50.85	26.05	35.12	2	1227.7102	1227.7107	614.8626	-0.0005	-0.4066	2401.63	4164.80	2529.74	3238.50	Yes
													GIAYIEFK	1.00	62.43	26.10	35.10	2	1227.7104	1227.7107	614.8626	-0.0003	-0.2440	848.82	1219.69	787.26	977.22	Yes
													EALNSCNKR	0.66	23.06	28.01	34.43	3	1367.6893	1367.6893	456.9037	0.0000	0.0000	1625.53	3041.90	1545.15	2232.95	Yes
													KVVVSPTK	0.52	27.09	19.91	40.09	3	1288.8445	1288.8444	430.6221	0.0001	0.0774	677.09	831.21	719.98	619.13	Yes
													KVVVSPTK	1.00	26.09	18.57	18.17	3	1288.8454	1288.8444	430.6221	0.0010	0.7741	800.81	874.10	898.53	652.97	No
													VAVATPAKK	1.00	29.29	17.85	21.82	3	1315.8538	1315.8553	439.6257	-0.0015	-1.1373	3169.43	5357.20	3724.89	4828.84	Yes
													VAVATPAKK	1.00	44.54	17.85	24.59	3	1315.8541	1315.8553	439.6257	-0.0012	-0.9099	4457.30	8636.26	4798.73	6753.35	Yes
													VTLDWAKPK	0.97	31.84	22.20	22.84	3	1488.9121	1488.9030	497.3083	0.0091	6.0995	6442.05	9479.42	4881.61	7287.86	Yes
NIF3L1	Q9GZT8	NIF3-like protein 1	1.00	2	4.8	1.21	0.16	1.02	0.07	1.02	0.10	7	LALGVGR	0.96	29.65	21.04	30.99	2	828.5326	828.5303	415.2724	0.0023	2.7693	748.62	901.28	1117.33	943.52	Yes
													LALGVGR	0.94	31.83	24.39	31.10	2	828.5336	828.5303	415.2724	0.0033	3.9733	1348.38	1705.51	2161.99	1831.64	Yes
													LALGVGR	0.99	30.72	21.04	30.43	2	828.5312	828.5303	415.2724	0.0009	1.0836	1135.46	1299.42	1493.94	1307.33	Yes
													LALGVGR	0.96	28.21	21.04	30.11	2	828.5326	828.5303	415.2724	0.0023	2.7693	1734.93	2308.29	2450.01	2109.49	Yes
													ALMQVVDFLSR	1.00	68.16	27.77	25.55	2	1421.7820	1421.7823	711.8984	-0.0003	-0.2107	78.30	66.77	80.27	75.90	No
													ALMQVVDFLSR	1.00	53.41	27.65	20.03	2	1421.7842	1421.7823	711.8984	0.0019	1.3345	116.63	128.27	129.45	141.89	Yes
													LALGVGR	0.99	28.43	21.30	29.54	2	828.5300	828.5303	415.2724	-0.0003	-0.3612	544.20	663.04	819.55	642.38	Yes
													LALGVGR	0.71	11.43	21.04	17.20	2	828.5306	828.5303	415.2724	0.0003	0.3612	554.25	775.44	724.53	719.56	Yes
NOLC1	Q14978	Nucleolar and coiled-body phosphoprotein 1	1.00	3	6.3	0.84	0.09	1.27	0.13	1.35	0.21	3	SPAVKPAAAPK	0.52	28.01	19.29	41.01	3	1467.9136	1467.9138	490.3119	-0.0002	-0.1360	434.09	729.32	398.52	624.24	Yes
													ATTKPPPAKK	0.99	11.54	13.01	14.48	4	1614.0269	1614.0316	404.5152	-0.0047	-2.9047	60.65	86.04	54.16	92.50	Yes
													VAGGAAPSKPASAK	1.00	42.92	23.22	18.47	3	1642.9723	1642.9732	548.6650	-0.0009	-0.5468	219.97	400.98	235.03	374.50	Yes
NONO	Q15233	Non-P	1.00	3	12.1	0.82	-	0.84	-	0.96	-	1	GIVEFSGKPAAR	1.00	35.55	25.79	18.86	3	1518.8767	1518.8762	507.2993	0.0005	0.3285	951.00	1099.52	893.41	976.89	Yes
													NLPQYVSNELLEEAFSVFGQVER	1.00	61.24	26.93	17.96	3	2811.4219	2811.4201	938.1473	0.0018	0.6396	2.13	0.00	3.03	0.00	No
													FGQAATMEGIGAIGGTPPAFNR	1.00	28.89	27.66	16.46	3	2306.1607	2306.1599	769.7272	0.0008	0.3464	33.94	41.77	17.84	31.79	No
NPM1	P06748	Nucleophosmin	1.00	3	16.1	1.04	0.20	1.25	0.17	1.88	0.29	8	VDNDENEHQLSLR	1.00	87.50	26.66	22.60	3	1711.8238	1711.8247	571.6155	-0.0009	-0.5248	1016.04	2711.99	1135.52	1510.56	Yes
													VDNDENEHQLSLR	1.00	56.15	26.70	17.44	3	1711.8247	1711.8247	571.6155	0.0000	0.0000	417.85	1093.05	698.85	753.70	Yes
													VTLATLK	0.98	36.91	16.33	26.22	2	1032.6842	1032.6787	517.3466	0.0055	5.3156	7550.19	15232.00	8133.46	10396.06	Yes
													FINYVK	0.97	34.60	25.66	25.76	2	1070.6394	1070.6368	536.3257	0.0026	2.4239	1738.45	3830.03	1847.11	2178.87	Yes
													VTLATLK	1.00	41.27	15.80	27.61	2	1032.6788	1032.6787	517.3466	0.0001	0.0966	2618.82	5967.73	3018.52	4269.00	Yes
													FINYVK	1.00	34.68	25.69	20.27	2	1070.6368	1070.6368	536.3257	0.0000	0.0000	2578.47	6047.87	3022.85	3887.71	Yes
													FINYVK	0.98	27.13	25.69	22.47	2	1070.6370	1070.6368	536.3257	0.0002	0.1865	2759.02	6311.56	3009.28	4492.14	Yes
													FINYVK	0.80	21.51	25.38	16.76	2	1070.6348	1070.6368	536.3257	-0.0020	-1.8645	89.36	160.93	114.60	142.81	Yes
NUDT21	O43809	Cleavage and polyadenylation specificity factor subunit 5	1.00	8	41.4	1.00	0.17	1.01	0.16	1.02	0.15	35	EPLYEK	0.98	30.10	27.37	26.45	2	1065.5952	1065.5950	533.8048	0.0002	0.1873	838.56	853.04	751.20	963.43	Yes
													EPLYEK	0.95	28.20	27.80	27.54	2	1065.5956	1065.5950	533.8048	0.0006	0.5620	526.34	520.43	429.31	551.25	Yes
													GVTQFGNK	1.00	36.71	27.16	25.93	2	1137.6382	1137.6386	569.8266	-0.0004	-0.3510	2100.04	2458.94	2408.42	2555.22	Yes

													GVTQFGNK	1.00	38.54	26.94	26.29	2	1137.6388	1137.6386	569.8266	0.0002	0.1755	9400.26	10216.50	9581.53	10690.54	Yes
													GVTQFGNK	1.00	39.56	26.96	25.96	2	1137.6378	1137.6386	569.8266	-0.0008	-0.7020	2934.69	3078.74	2982.58	3150.33	Yes
													GVTQFGNK	1.00	41.68	26.96	25.85	2	1137.6378	1137.6386	569.8266	-0.0008	-0.7020	1096.25	1288.74	1139.42	1301.62	Yes
													YIQQTKPLTLER	1.00	64.42	23.94	20.87	2	1777.0332	1777.0341	889.5243	-0.0009	-0.5059	149.77	203.47	130.87	170.73	Yes
													YIQQTKPLTLER	0.52	24.95	23.94	37.95	3	1777.0339	1777.0341	593.3520	-0.0002	-0.1124	9031.91	10445.72	10313.78	10726.41	Yes
													YIQQTKPLTLER	0.52	26.69	23.80	39.69	3	1777.0357	1777.0341	593.3520	0.0016	0.8988	6510.52	8227.57	8692.49	7824.18	Yes
													ALFAVPK	0.89	32.66	21.17	30.02	2	1032.6668	1032.6575	517.3360	0.0093	8.9883	9584.10	12057.97	10255.67	12460.43	Yes
													ALFAVPK	0.72	30.73	20.21	28.13	2	1032.6676	1032.6575	517.3360	0.0101	9.7615	14028.87	17823.13	16333.45	19522.25	Yes
													LFLVQLQEK	0.99	31.25	23.38	30.29	3	1404.8584	1404.8584	469.2934	0.0000	0.0000	873.91	1053.53	1097.57	1187.72	Yes
													LFLVQLQEK	0.97	23.51	23.38	26.71	3	1404.8584	1404.8584	469.2934	0.0000	0.0000	637.06	783.65	952.43	917.73	Yes
													LFLVQLQEK	1.00	42.55	22.92	33.73	2	1404.8596	1404.8584	703.4365	0.0012	0.8530	1968.28	2497.02	2403.16	2461.80	Yes
													LFLVQLQEK	1.00	44.46	22.92	36.04	2	1404.8596	1404.8584	703.4365	0.0012	0.8530	4518.29	5956.52	5863.55	5110.85	Yes
													YIQQTKPLTLER	1.00	27.77	23.80	17.23	3	1777.0357	1777.0341	593.3520	0.0016	0.8988	3030.72	3658.90	3925.01	3441.74	Yes
													ALFAVPK	0.99	32.92	25.51	30.27	2	1032.6578	1032.6575	517.3360	0.0003	0.2899	5728.50	6528.60	5477.12	6805.39	Yes
													LMTEILGR	0.99	35.28	28.26	22.86	2	1075.6186	1075.6181	538.8163	0.0005	0.4640	3239.94	3911.64	4104.43	4305.92	Yes
													LMTEILGR	1.00	40.77	28.26	28.61	2	1075.6188	1075.6181	538.8163	0.0007	0.6496	3396.96	5421.24	4516.25	4844.22	Yes
													LMTEILGR	1.00	43.22	28.64	24.14	2	1091.6120	1091.6131	546.8138	-0.0011	-1.0058	605.77	826.00	740.38	881.73	Yes
													LMTEILGR	0.99	36.27	28.85	24.95	2	1091.6140	1091.6131	546.8138	0.0009	0.8229	1267.07	1545.91	1343.78	1403.13	Yes
													LFLVQLQEK	0.99	42.24	22.48	33.47	2	1404.8614	1404.8584	703.4365	0.0030	2.1324	524.40	704.42	595.46	546.29	Yes
													LMTEILGR	1.00	43.33	28.12	27.86	2	1075.6194	1075.6181	538.8163	0.0013	1.2063	1721.59	2303.78	2047.53	2460.48	Yes
													LMTEILGR	0.99	40.37	28.26	24.54	2	1075.6200	1075.6181	538.8163	0.0019	1.7631	372.49	427.28	396.59	425.48	Yes
													LMTEILGR	1.00	38.25	28.64	25.40	2	1091.6120	1091.6131	546.8138	-0.0011	-1.0058	586.33	700.88	607.01	613.66	Yes
													LMTEILGR	1.00	42.95	28.43	25.59	2	1091.6128	1091.6131	546.8138	-0.0003	-0.2743	468.74	651.76	597.50	653.11	Yes
													GVTQFGNK	1.00	37.72	27.64	25.12	2	1137.6376	1137.6386	569.8266	-0.0010	-0.8775	408.24	489.01	457.55	505.79	Yes
													GVTQFGNK	1.00	37.42	27.16	25.66	2	1137.6382	1137.6386	569.8266	-0.0004	-0.3510	513.64	610.34	627.44	565.25	Yes
													LVAAPLFELYDNAPGYGPIISSLPQLLSR	0.52	73.64	22.04	86.64	3	3257.7832	3257.7822	1086.9347	0.0010	0.3067	0.00	0.00	1.63	0.00	No
													TINLYPLTNYTFGTK	1.00	75.77	26.39	23.25	2	2033.1074	2033.1077	1017.5611	-0.0003	-0.1474	139.79	214.93	215.71	206.85	Yes
													TINLYPLTNYTFGTK	1.00	63.37	26.39	22.93	2	2033.1074	2033.1077	1017.5611	-0.0003	-0.1474	63.05	55.74	66.48	59.82	Yes
													TINLYPLTNYTFGTK	1.00	35.61	26.42	22.26	3	2033.1079	2033.1077	678.7098	0.0002	0.0982	202.92	234.43	258.23	310.67	Yes
													TINLYPLTNYTFGTK	1.00	43.51	26.27	17.87	3	2033.1097	2033.1077	678.7098	0.0020	0.9823	305.45	448.60	318.65	463.05	Yes
													TINLYPLTNYTFGTK	1.00	77.69	26.45	30.20	2	2033.1054	2033.1077	1017.5611	-0.0023	-1.1302	41.48	58.69	56.91	58.85	Yes
													TINLYPLTNYTFGTK	1.00	76.27	26.39	29.76	2	2033.1074	2033.1077	1017.5611	-0.0003	-0.1474	53.35	67.43	68.75	61.21	Yes
													TINLYPLTNYTFGTK	0.99	27.44	26.49	15.91	3	2033.1076	2033.1077	678.7098	-0.0001	-0.0491	21.48	37.89	30.86	25.15	No
													TINLYPLTNYTFGTK	1.00	30.60	26.42	17.67	3	2033.1079	2033.1077	678.7098	0.0002	0.0982	49.62	57.93	49.44	48.80	Yes
NUP107	P57740	Nuclear pore complex protein Nup107	1.00	2	2.3	1.03	0.04	1.02	0.05	1.00	0.02	2	FLILGDIDGLMDEFSK	1.00	45.79	27.04	20.02	3	2100.1087	2100.1057	701.0425	0.0030	1.4264	13.75	20.89	22.00	20.33	No
													FLASK	0.77	15.98	22.94	21.42	2	852.5298	852.5313	427.2729	-0.0015	-1.7553	2698.89	3233.86	3110.94	3245.52	Yes
													FLASK	0.75	15.60	22.94	18.99	2	852.5302	852.5313	427.2729	-0.0011	-1.2872	1639.62	2007.06	1973.35	2084.52	Yes
PCNA	P12004	Proliferating cell nuclear antigen	1.00	3	12.3	1.04	0.30	0.93	0.07	0.84	0.44	3	AEDNADTLALVFEAPNQEK	0.98	26.75	27.30	19.90	3	2362.1932	2362.1896	788.4038	0.0036	1.5221	56.28	41.67	13.62	49.90	No
													AEDNADTLALVFEAPNQEK	1.00	32.67	27.30	25.13	3	2362.1932	2362.1896	788.4038	0.0036	1.5221	51.78	20.14	17.77	51.41	No
													YYLAPK	0.81	20.93	26.53	24.72	2	1041.6110	1041.6102	521.8124	0.0008	0.7666	180.52	283.57	280.99	190.75	Yes
													YLNFFTK	1.00	44.13	28.67	28.18	2	1219.6836	1219.6845	610.8495	-0.0009	-0.7367	2116.59	1708.11	2180.16	2487.83	Yes
													YLNFFTK	1.00	44.35	28.67	28.46	2	1219.6836	1219.6845	610.8495	-0.0009	-0.7367	3569.01	2865.67	3789.14	4204.61	Yes
PHB	P35232	Prohibitin	1.00	2	7.0	1.05	0.08	0.97	0.11	0.87	0.11	3	NVPVITGSK	1.00	54.88	25.56	20.24	2	1201.7258	1201.7274	601.8710	-0.0016	-1.3292	1407.27	1600.75	1734.04	1759.64	Yes
													NVPVITGSK	1.00	54.75	25.56	20.29	2	1201.7262	1201.7274	601.8710	-0.0012	-0.9969	1376.20	1517.38	1731.91	1722.42	Yes
													DLQNVNITLR	1.00	71.50	28.03	49.77	2	1328.7538	1328.7534	665.3840	0.0004	0.3006	1063.81	984.63	1182.01	1121.18	Yes
PHB2	Q99623	Prohibitin-2	1.00	7	26.8	1.01	0.22	0.91	0.20	0.83	0.17	18	IGGVQQDTILAEGLHFR	1.00	52.09	26.83	28.58	3	1997.0845	1997.0816	666.7011	0.0029	1.4499	88.33	79.64	63.68	101.13	Yes
													IGGVQQDTILAEGLHFR	1.00	74.63	26.70	24.74	3	1997.0866	1997.0816	666.7011	0.0050	2.4999	196.37	180.82	273.05	151.87	Yes
													DLQMVNISLR	1.00	42.97	28.54	35.09	2	1331.7328	1331.7353	666.8749	-0.0025	-1.8744	810.77	1112.24	1018.15	1249.38	Yes
													VLSRPNAQELPSMYQR	1.00	35.89	27.56	16.56	3	2032.0624	2032.0645	678.3621	-0.0021	-1.0319	3040.80	2660.08	3342.23	3287.93	Yes
													VLSRPNAQELPSMYQR	1.00	39.85	27.49	16.80	3	2032.0627	2032.0645	678.3621	-0.0018	-0.8845	1135.65	1324.90	1598.43	1254.88	Yes
													VLSRPNAQELPSMYQR	1.00	36.24	27.60	15.91	3	2032.0648	2032.0645	678.3621	0.0003	0.1474	2513.67	2409.41	3182.92	3283.73	Yes
													VLSRPNAQELPSMYQR	0.99	30.24	27.66	17.21	3	2048.0587	2048.0595	683.6938	-0.0008	-0.3900	693.82	892.46	1021.04	958.96	Yes
													VLSRPNAQELPSMYQR	1.00	38.73	27.62	17.88	3	2048.0593	2048.0595	683.6938	-0.0002	-0.0975	381.08	431.73	553.82	457.97	Yes
													AQVSLLIR	1.00	44.53	22.97	26.43	2	1042.6628	1042.6620	522.3383	0.0008	0.7658	2500.73	2364.03	2797.31	2886.45	Yes
													AQVSLLIR	1.00	39.48	23.03	25.49	2	1042.6632	1042.6620	522.3383	0.0012	1.1487	3796.97	3504.32	4200.29	4508.59	Yes
													IPWFQYPIIYDIR	1.00	56.31	27.07	21.62	2	1867.0236	1867.0154	934.5150	0.0082	4.3873	43.44	51.72	62.04	58.09	Yes
													VLSRPNAQELPSMYQR	1.00	45.02	27.53	17.58	3	2032.0621	2032.0645	678.3621	-0.0024	-1.1793	305.87	316.99	388.41	362.45	Yes
													VLSRPNAQELPSMYQR	1.00	36.81	27.51	18.51	3	2032.0636	2032.0645	678.3621	-0.0009	-0.4422	482.23	528.58	678.35	559.04	Yes
													AQVSLLIR	1.00	41.78	22.76	23.73	2	1042.6622	1042.6620	522.3383	0.0002	0.1914	1837.87	1530.87	1638.74	1939.61	Yes
													AQVSLLIR	1.00	44.39	22.76	25.54	2	1042.6622	1042.6620	522.3383	0.0002	0.1914	3363.92	2545.88	3294.77	3439.04	Yes
													FNASQLITQR	1.00	44.53	28.26	25.83	2	1320.7288	1320.7272	661.3709	0.0016	1.2096	206.46	211.84	204.55	162.27	Yes
													IPWFQYPIIYDIR	0.66	14.41	27.28	16.87	3	1867.0165	1867.0154	623.3457	0.0011	0.5882	8.25	4.21	19.30	2.40	No
													AQVSLLIR	0.98	24.89	22.76	17.47	2	1042.6622	1042.6620	522.3383	0.0002	0.1914	204.13	187.06	223.14	206.16	Yes
													AIFFNR	0.87	22.03	26.06	31.40	2	910.5152	910.5147	456.2646	0.0005	0.5479	277.35	224.73	269.86	244.47	Yes
PKM2	P14618	Pyruvate kinase isozymes M1/M2	1.00	13	41.1	0.77	0.17	0.84	0.18	0.61	0.21	29	DPVQEAWAEDVDLR	1.00	91.57	26.88	24.54	2	1785.8682	1785.8655	893.9400	0.0027	1.5102	62.34	33.20	42.96	52.45	Yes
													DPVQEAWAEDVDLR	1.00	87.77	26.91	27.18	2	1785.8688	1785.8655	893.9400	0.0033	1.8458	70.13	30.20	30.48	48.08	No
													DPVQEAWAEDVDLR	1.00	66.90	26.91	19.86	2	1785.8712	1785.8655	893.9400	0.0057	3.1881	8.50	3.69	6.69	12.34	No
													DPVQEAWAEDVDLR	1.00	72.84	26.98	22.33	2	1785.8718	1785.8655	893.9400	0.0063	3.5237	1.48	5.69	2.84	7.62	No
													GDLGIEIPAEK	1.00	70.82	26.30	28.49	2	1428.8172	1428.8068	715.4107	0.0104	7.2685	29.24	11.74	24.61	20.56	No
													GDLGIEIPAEK	1.00	83.21	26.25	30.98	2	1428.8178	1428.8068	715.4107	0.0110	7.6878	135.86	72.52	136.30	163.42	Yes
													GDLGIEIPAEK	1.00	69.33	25.72	26.30	2	1428.8204	1428.8068	715.4107	0.0136	9.5049	30.64	26.02	41.97	33.43	No
													AEGSDVANAVLDGADCIMLSGETAK	1.00	56.63	26.01	69.63	4	2770.3097	2770.3067	693.5840	0.0030	1.0813	8.37	18.14	8.45	9.50	No
													AEGSDVANAVLDGADCIMLSGETAK	1.00	53.17	25.98	66.17	4	2770.3105	2770.3067	693.5840	0.0038	1.3697	8.07	19.39	13.48	13.04	No
													AEGSDVANAVLDGADCIMLSGETAK	1.00	61.41	25.99	18.01	3	2770.3126	2770.3067	924.4428	0.0059	2.1274	7.96	5.68	2.61	4.53	No
													AEGSDVANAVLDGADCIMLSGETAK	1.00	73.12	25.98	18.35	3	2770.3132	2770.3067	924.4428	0.0065	2.3437	7.29	2.82	14.43	4.49	No
													LDIDSPPITAR	1.00	53.90	27.18	34.13	2	1340.7418	1340.7422	671.3784	-0.0004	-0.2979	255.73	166.36	228.96	250.41	Yes
													EAEAAIYHLQLFEELR	1.00	37.86	28.04	24.46	3	2075.0827	2075.0809	692.7009	0.0018	0.8662	58.86	73.39	73.38	84.63	Yes
													LDIDSPPITAR	1.00	45.48	26.67	30.08	2	1340.7396	1340.7422	671.3784	-0.0026	-1.9363	194.04	146.56	145.45	179.96	Yes

													LDIDSPPITAR	1.00	40.92	26.67	29.02	2	1340.7398	1340.7422	671.3784	-0.0024	-1.7874	85.53	75.45	76.86	79.20	Yes
													TATESFASDPILYRPVAVALDTK	0.52	10.29	24.61	23.29	3	2752.4896	2752.4891	918.5036	0.0005	0.1815	50.04	27.27	48.63	38.75	No
													FGVEQDVDMVFASFIR	1.00	86.13	28.01	20.44	2	2002.9974	2002.9945	1002.5045	0.0029	1.4464	10.39	5.77	16.27	6.41	No
													FGVEQDVDMVFASFIR	1.00	49.98	28.00	18.50	3	2002.9978	2002.9945	668.6721	0.0033	1.6450	18.34	11.87	16.78	20.86	No
													FGVEQDVDMVFASFIR	1.00	37.79	28.06	17.12	3	2002.9987	2002.9945	668.6721	0.0042	2.0937	14.13	15.15	17.16	20.40	No
													FGVEQDVDMVFASFIR	1.00	59.87	28.06	17.13	3	2002.9981	2002.9945	668.6721	0.0036	1.7946	14.04	14.90	20.27	18.46	No
													VFLAQK	0.94	20.94	23.54	22.40	2	992.6266	992.6262	497.3204	0.0004	0.4022	147.91	148.21	131.71	201.20	Yes
													VFLAQK	0.52	23.48	23.42	29.04	2	992.6324	992.6262	497.3204	0.0062	6.2334	1384.07	858.13	1160.46	1740.57	Yes
													FGVEQDVDMVFASFIR	1.00	55.93	28.06	22.05	3	2002.9981	2002.9945	668.6721	0.0036	1.7946	10.95	11.89	17.13	11.29	No
													FGVEQDVDMVFASFIR	1.00	33.88	27.40	20.72	3	2018.9935	2018.9894	674.0037	0.0041	2.0277	57.30	67.86	47.68	63.40	Yes
													VNFAMNVGK	1.00	47.01	27.40	26.12	2	1266.6976	1266.6998	634.3572	-0.0022	-1.7340	722.18	390.81	601.93	554.35	Yes
													VNFAMNVGK	1.00	56.32	27.38	33.15	2	1266.6988	1266.6998	634.3572	-0.0010	-0.7882	1136.67	1010.19	974.07	1003.82	Yes
													VNFAMNVGK	1.00	42.04	27.69	34.09	2	1282.6938	1282.6947	642.3546	-0.0009	-0.7005	2709.61	2172.76	2573.91	2755.98	Yes
													VNFAMNVGK	1.00	49.87	27.90	33.11	2	1282.6948	1282.6947	642.3546	0.0001	0.0778	3220.63	2346.93	2505.89	3138.04	Yes
													MQHLIAR	0.99	34.79	26.12	22.34	2	1011.5764	1011.5769	506.7957	-0.0005	-0.4933	2970.67	1565.43	2399.21	2884.77	Yes
													MQHLIAR	1.00	33.90	25.85	22.40	2	1011.5772	1011.5769	506.7957	0.0003	0.2960	5038.41	2630.83	4221.33	4438.52	Yes
													APIIAVTR	1.00	36.64	20.21	19.30	2	983.6274	983.6249	492.8197	0.0025	2.5364	2268.96	1565.87	1670.88	2283.29	Yes
													APIIAVTR	0.99	34.01	20.76	24.21	2	983.6282	983.6249	492.8197	0.0033	3.3481	930.91	834.23	838.78	995.22	Yes
													MQHLIAR	0.99	32.45	25.89	22.28	2	1011.5760	1011.5769	506.7957	-0.0009	-0.8879	1729.77	943.24	1514.09	1637.21	Yes
													MQHLIAR	0.99	34.39	25.89	24.53	2	1011.5762	1011.5769	506.7957	-0.0007	-0.6906	511.62	314.48	444.26	456.14	Yes
													MQHLIAR	0.80	18.43	26.25	18.53	2	1027.5720	1027.5719	514.7932	0.0001	0.0971	19.52	10.66	18.09	6.75	No
													APIIAVTR	1.00	30.21	18.63	20.81	2	983.6260	983.6249	492.8197	0.0011	1.1160	1495.44	1031.76	1142.73	1392.83	Yes
													APIIAVTR	0.94	21.31	19.19	23.88	2	983.6268	983.6249	492.8197	0.0019	1.9277	1286.21	879.36	989.31	1254.03	Yes
													MQHLIAR	0.99	33.32	25.89	21.89	2	1011.5758	1011.5769	506.7957	-0.0011	-1.0853	434.11	271.19	379.43	406.62	Yes
													MQHLIAR	0.99	32.69	25.89	20.80	2	1011.5758	1011.5769	506.7957	-0.0011	-1.0853	748.42	390.12	629.53	813.32	Yes
													APIIAVTR	0.99	27.49	18.63	20.08	2	983.6260	983.6249	492.8197	0.0011	1.1160	304.77	243.20	217.88	285.21	Yes
													NTGIICTIGPASR	1.00	76.93	28.16	40.82	2	1491.7644	1491.7659	746.8902	-0.0015	-1.0042	99.95	83.96	109.29	115.59	Yes
													NTGIICTIGPASR	1.00	61.43	28.18	43.07	2	1491.7646	1491.7659	746.8902	-0.0013	-0.8703	37.26	39.90	35.14	35.25	Yes
													NTGIICTIGPASR	1.00	80.18	28.18	36.07	2	1491.7650	1491.7659	746.8902	-0.0009	-0.6025	79.90	75.20	104.31	114.74	Yes
													NTGIICTIGPASR	1.00	79.72	28.41	45.77	2	1491.7654	1491.7659	746.8902	-0.0005	-0.3347	27.39	34.95	38.67	31.95	No
													NTGIICTIGPASR	1.00	85.87	28.06	47.88	2	1491.7634	1491.7659	746.8902	-0.0025	-1.6736	27.92	27.90	29.22	27.84	No
													NTGIICTIGPASR	1.00	75.89	28.10	38.02	2	1491.7640	1491.7659	746.8902	-0.0019	-1.2719	43.28	40.22	59.59	61.31	Yes
													NTGIICTIGPASR	1.00	85.09	28.41	49.30	2	1491.7660	1491.7659	746.8902	0.0001	0.0669	29.59	23.01	31.37	38.86	No
													NTGIICTIGPASR	1.00	81.82	28.36	24.20	2	1491.7672	1491.7659	746.8902	0.0013	0.8703	29.81	31.64	32.37	45.53	No
													NTGIICTIGPASR	1.00	67.82	28.18	36.13	2	1491.7648	1491.7659	746.8902	-0.0011	-0.7364	9.83	4.84	8.31	5.55	No
													NTGIICTIGPASR	1.00	65.02	28.41	44.02	2	1491.7656	1491.7659	746.8902	-0.0003	-0.2008	16.93	9.76	37.55	26.39	No
													NTGIICTIGPASR	1.00	82.01	28.37	25.20	2	1491.7668	1491.7659	746.8902	0.0009	0.6025	20.68	29.16	33.23	35.69	No
													GIFPVLCK	0.72	26.00	26.97	39.00	2	1209.6866	1209.6857	605.8501	0.0009	0.7428	45.77	29.36	35.83	50.49	No
													GIFPVLCK	0.87	23.05	26.97	19.08	2	1209.6868	1209.6857	605.8501	0.0011	0.9078	58.77	57.98	47.59	68.00	Yes
													GIFPVLCK	0.97	29.73	26.97	16.07	2	1209.6870	1209.6857	605.8501	0.0013	1.0729	67.04	35.17	33.28	33.72	No
PLEC1	Q15149	Plectin-1	1.00	5	1.8	1.18	-	0.83	-	0.91	-	1	QEQALLEEIER	1.00	56.20	27.96	45.50	2	1500.7916	1500.7905	751.4025	0.0011	0.7320	19.76	17.60	29.64	29.22	No
													LTVNEAVK	1.00	50.31	27.41	35.43	2	1160.6968	1160.7009	581.3577	-0.0041	-3.5262	27.67	29.59	28.17	23.36	No
													ILITIVEEVETLR	1.00	63.58	22.99	33.94	2	1670.9950	1670.9940	836.5043	0.0010	0.5977	16.65	25.16	8.61	23.35	No
													ILITIVEEVETLR	1.00	66.19	23.03	34.09	2	1670.9952	1670.9940	836.5043	0.0012	0.7173	28.01	19.02	17.32	31.67	No
													TISLVIR	0.77	15.14	23.50	21.81	2	944.6142	944.6140	473.3143	0.0002	0.2113	313.59	344.81	424.37	317.43	Yes
													SIITYVSSLYDAMPR	1.00	49.84	27.23	16.68	3	1858.9648	1858.9621	620.6613	0.0027	1.4501	11.13	3.87	6.90	6.63	No
PPP2R3A	Q06190	Serine/threonine-protein phosphatase 2A regulatory subunit B' subunit alpha	1.00	6	7.4	1.00	0.22	1.08	0.17	1.24	0.35	13	DVENDGPEPSDWDR	0.60	80.41	22.74	93.41	2	1773.7548	1773.7564	887.8855	-0.0016	-0.9010	10.06	11.30	9.94	4.89	No
													FWELDTDHDLYISQADLSR	1.00	71.74	26.25	21.53	3	2467.1788	2467.1777	823.3998	0.0011	0.4453	46.35	72.05	61.42	103.26	No
													FQTIELQNDKPNSR	1.00	46.21	27.26	23.36	3	1977.0688	1977.0523	660.0247	0.0165	8.3330	1044.94	1090.19	918.20	1278.74	Yes
													IFSGAVTR	0.97	29.45	27.65	31.43	2	849.4714	849.4709	425.7427	0.0005	0.5872	52.64	124.22	78.73	50.68	No
													IFSGAVTR	0.95	25.36	26.89	27.67	2	849.4712	849.4709	425.7427	0.0003	0.3523	42.98	73.54	97.89	60.10	No
													VSPSCLTR	0.97	31.14	27.47	34.43	2	1051.5288	1051.5276	526.7711	0.0012	1.1390	480.75	1015.06	700.50	795.72	Yes
													VSPSCLTR	0.98	33.63	27.20	26.64	2	1051.5292	1051.5276	526.7711	0.0016	1.5187	650.45	1157.01	898.53	967.40	Yes
													YITTVIQR	1.00	36.95	25.40	24.09	2	1136.6672	1136.6675	569.3410	-0.0003	-0.2635	1306.70	1641.51	1272.59	1723.16	Yes
													IFSGAVTR	0.99	30.96	26.92	28.04	2	993.5734	993.5729	497.7937	0.0005	0.5022	672.27	1155.45	792.98	947.69	Yes
													IFSGAVTR	0.99	39.36	26.82	33.49	2	993.5750	993.5729	497.7937	0.0021	2.1093	671.58	1193.11	888.09	985.00	Yes
													VSPSCLTR	0.76	18.48	27.15	27.28	2	1051.5274	1051.5276	526.7711	-0.0002	-0.1898	185.19	381.05	245.76	234.65	Yes
													YITTVIQR	1.00	36.81	25.65	23.96	2	1136.6666	1136.6675	569.3410	-0.0009	-0.7904	1118.40	1345.53	1015.76	1156.75	Yes
													YITTVIQR	1.00	36.62	25.65	23.73	2	1136.6666	1136.6675	569.3410	-0.0009	-0.7904	1288.21	1674.34	1301.05	1609.31	Yes
													IFSGAVTR	1.00	47.61	27.16	37.41	2	993.5726	993.5729	497.7937	-0.0003	-0.3013	687.04	1087.82	875.43	990.19	Yes
													IFSGAVTR	0.99	34.04	27.13	30.70	2	993.5730	993.5729	497.7937	0.0001	0.1004	964.09	1475.72	1407.32	1364.42	Yes
													YITTVIQR	0.99	34.46	25.65	22.52	2	1136.6664	1136.6675	569.3410	-0.0011	-0.9660	300.06	395.36	300.07	334.89	Yes
													YITTVIQR	0.99	33.74	25.65	22.49	2	1136.6664	1136.6675	569.3410	-0.0011	-0.9660	390.88	451.63	364.09	467.58	Yes
PRDX1	Q06830	Peroxiredoxin-1	1.00	2	9.5	1.00	0.01	0.80	0.09	0.84	0.06	2	IGHPAPNFK	0.52	18.60	26.42	31.60	3	1267.7287	1267.7281	423.5833	0.0006	0.4722	1075.45	1141.05	1232.47	1119.38	Yes
													LVQAFQFTDK	1.00	63.96	26.73	25.35	2	1483.8292	1483.8279	742.9212	0.0013	0.8749	352.13	341.36	407.13	323.28	Yes
PRKDC	P78527	DNA-dependent protein kinase catalytic subunit	1.00	7	3.1	0.92	0.29	0.95	0.14	0.85	0.25	13	ATQQQHDFTLTQTADGR	1.00	43.09	27.13	23.13	3	2060.9953	2060.9998	688.0072	-0.0045	-2.1802	15.07	12.03	7.59	19.64	No
													ATQQQHDFTLTQTADGR	1.00	53.91	27.23	18.06	3	2060.9974	2060.9998	688.0072	-0.0024	-1.1628	12.54	11.30	36.75	5.02	No
													ATQQQHDFTLTQTADGR	1.00	37.94	27.23	16.73	3	2060.9977	2060.9998	688.0072	-0.0021	-1.0174	13.11	13.43	38.15	17.42	No
													EIFNFVLK	1.00	45.24	24.86	31.96	2	1296.7694	1296.7685	649.3915	0.0009	0.6930	411.89	350.86	358.58	438.18	Yes
													EIFNFVLK	1.00	44.69	24.86	31.98	2	1296.7698	1296.7685	649.3915	0.0013	1.0009	463.20	404.02	375.83	519.52	Yes
													NLLIFENLIDLK	1.00	71.05	21.34	41.25	3	1732.0402	1732.0378	578.3532	0.0024	1.3832	28.53	23.43	23.73	23.95	No
													NLLIFENLIDLK	1.00	47.97	20.53	35.67	3	1732.0432	1732.0378	578.3532	0.0054	3.1123	20.29	17.79	24.08	18.40	No
													CFGTGAAGNR	0.75	14.81	22.25	16.12	2	1142.5068	1142.5083	572.2614	-0.0015	-1.3106	236.01	344.94	350.61	272.08	Yes
													CFGTGAAGNR	1.00	37.06	22.23	21.62	2	1142.5070	1142.5083	572.2614	-0.0013	-1.1358	302.00	408.50	455.96	432.79	Yes
													VTVMASLR	1.00	37.65	28.26	26.96	2	1019.5912	1019.5919	510.8032	-0.0007	-0.6852	890.48	890.84	731.91	1023.29	Yes
													VTVMASLR	1.00	39.96	28.38	27.01	2	1019.5918	1019.5919	510.8032	-0.0001	-0.0979	1138.33	931.89	904.66	1271.74	Yes
													CFGTGAAGNR	0.99	29.76	22.15	17.20	2	1142.5078	1142.5083	572.2614	-0.0005	-0.4369	345.45	454.60	490.26	459.16	Yes
													CFGTGAAGNR	0.99	27.88	22.15	20.01	2	1142.5078	1142.5083	572.2614	-0.0005	-0.4369	309.68	427.46	460.60	445.45	Yes

													VTVMASLR	0.51	15.29	28.38	27.42	2	1019.5918	1019.5919	510.8032	-0.0001	-0.0979	828.09	811.39	677.04	852.98	Yes
													VTVMASLR	0.92	24.58	28.38	24.76	2	1019.5920	1019.5919	510.8032	0.0001	0.0979	699.39	689.81	790.22	836.52	Yes
													VIAGLYQR	1.00	39.55	26.79	20.55	2	1062.6312	1062.6308	532.3227	0.0004	0.3757	980.83	849.61	966.92	1084.67	Yes
													VIAGLYQR	1.00	39.58	27.14	20.50	2	1062.6316	1062.6308	532.3227	0.0008	0.7514	1181.47	864.35	1097.64	1215.58	Yes
													WPVAGQIR	0.92	22.28	25.88	26.41	2	1069.6150	1069.6154	535.8150	-0.0004	-0.3733	1020.67	948.20	980.11	1088.62	Yes
PSMC1	P62191	26S protease regulatory subunit 4	1.00	2	7.3	0.93	0.11	0.86	0.06	0.73	0.13	4	IETLDPALIRPGR	1.00	29.88	24.07	21.07	3	1593.9331	1593.9324	532.3181	0.0007	0.4383	540.40	493.50	552.79	533.21	Yes
													IETLDPALIRPGR	1.00	27.98	24.08	14.99	3	1593.9340	1593.9324	532.3181	0.0016	1.0019	588.62	564.96	565.30	612.85	Yes
													AVANQTSATFLR	1.00	79.26	28.38	20.52	2	1421.7728	1421.7749	711.8947	-0.0021	-1.4749	822.76	571.42	861.15	879.84	Yes
													AVANQTSATFLR	1.00	79.12	28.33	22.73	2	1421.7732	1421.7749	711.8947	-0.0017	-1.1940	491.26	479.44	593.33	553.08	Yes
PSMD2	Q13200	26S proteasome non-ATPase regulatory subunit 2	1.00	3	6.3	0.92	-	1.02	-	0.71	-	1	EDVLTLLLPVMGDSK	0.85	19.02	25.56	16.08	3	1917.0721	1917.0736	640.0318	-0.0015	-0.7812	18.47	13.98	21.46	22.20	No
													MLVTFDEELRPLPVSVR	1.00	32.29	25.93	16.48	3	2144.1811	2144.1785	715.7334	0.0026	1.2109	206.87	177.86	216.71	257.56	Yes
													FAADIISVLAMTMSGER	1.00	29.69	27.61	18.90	3	1954.9999	1954.9978	652.6732	0.0021	1.0725	13.04	20.46	13.50	18.14	No
													FAADIISVLAMTMSGER	1.00	37.79	27.57	20.13	3	1955.0002	1954.9978	652.6732	0.0024	1.2257	13.56	16.86	19.15	17.78	No
PSMD12	O00232	26S proteasome non-ATPase regulatory subunit 12	1.00	2	2.9	-	-	-	-	-	-	0	LQEVIETLLSLEK	1.00	48.98	22.23	17.95	3	1802.0692	1802.0644	601.6954	0.0048	2.6591	21.27	25.34	14.66	16.32	No
													GSSAGGGGSGAAAATAATAGGQHR	1.00	89.54	27.66	23.20	3	2070.9901	2070.9913	691.3377	-0.0012	-0.5786	7.00	7.96	7.20	5.80	No
PYCARD	Q9ULZ3	Apoptosis-associated speck-like protein containing a CARD	1.00	16	61.5	1.07	0.30	1.02	0.25	0.89	0.27	236	LLSVPLR	0.71	8.36	18.06	21.36	2	940.6188	940.6191	471.3168	-0.0003	-0.3183	55.17	94.23	99.90	71.92	Yes
													LLSVPLR	0.77	9.68	18.06	14.18	2	940.6196	940.6191	471.3168	0.0005	0.5304	34.87	57.17	48.21	41.98	Yes
													VLTDEQYQAVR	1.00	48.90	28.07	27.00	2	1464.7666	1464.7694	733.3920	-0.0028	-1.9089	13.47	16.01	23.58	31.10	No
													VLTDEQYQAVR	1.00	63.98	28.16	28.41	2	1464.7690	1464.7694	733.3920	-0.0004	-0.2727	12.10	29.30	17.05	16.53	No
													GALLSMDALDLTDK	0.98	24.86	27.89	19.16	3	1749.9430	1749.9426	584.3215	0.0004	0.2282	5.72	1.81	1.42	1.96	No
													VTNVEWLLDALYGK	1.00	51.79	26.03	18.74	3	1908.0583	1908.0600	637.0273	-0.0017	-0.8895	4.77	6.80	4.78	2.01	No
													VTNVEWLLDALYGK	1.00	47.73	26.13	16.29	3	1908.0598	1908.0600	637.0273	-0.0002	-0.1047	7.38	9.27	7.31	5.45	No
													VLTDEQYQAVR	0.98	36.86	28.07	23.77	2	1464.7664	1464.7694	733.3920	-0.0030	-2.0453	17.57	10.83	13.06	15.36	No
													GALLSMDALDLTDK	1.00	88.12	28.11	22.53	2	1749.9404	1749.9426	875.9786	-0.0022	-1.2557	11.20	10.01	7.92	10.89	No
													GALLSMDALDLTDK	1.00	79.61	27.92	24.92	2	1749.9426	1749.9426	875.9786	0.0000	0.0000	4.20	2.15	8.60	8.33	No
													VTNVEWLLDALYGK	1.00	29.33	26.13	16.63	3	1908.0601	1908.0600	637.0273	0.0001	0.0523	9.85	3.50	8.95	1.89	No
													VTNVEWLLDALYGK	1.00	35.36	26.12	16.45	3	1908.0592	1908.0600	637.0273	-0.0008	-0.4186	4.13	3.88	7.15	8.87	No
													DAILDALENLTAEELKK	1.00	46.28	21.90	18.25	4	2317.3089	2317.3106	580.3349	-0.0017	-0.7323	16.30	14.14	14.55	14.45	No
													ESQSYLVEDLER	1.00	42.09	25.77	16.06	2	1466.6872	1466.6889	734.3517	-0.0017	-1.1575	1.33	0.00	0.00	3.35	No
													ESQSYLVEDLER	1.00	60.56	25.88	22.41	2	1466.6874	1466.6889	734.3517	-0.0015	-1.0213	3.51	0.00	0.00	0.00	No
													ESQSYLVEDLERS	1.00	54.61	25.11	17.18	2	1553.7194	1553.7209	777.8677	-0.0015	-0.9642	1.57	0.00	0.00	0.00	No
													ESQSYLVEDLERS	1.00	43.61	25.08	22.17	2	1553.7198	1553.7209	777.8677	-0.0011	-0.7071	0.00	5.24	0.00	0.00	No
													ESQSYLVEDLERS	1.00	69.53	26.49	24.07	2	1697.8208	1697.8230	849.9188	-0.0022	-1.2942	24.03	18.48	27.82	10.88	No
													GALLSMDALDLTDK	1.00	87.63	28.10	26.83	2	1749.9394	1749.9426	875.9786	-0.0032	-1.8265	10.61	20.57	14.00	16.57	No
													VTNVEWLLDALYGK	1.00	36.66	25.91	20.57	3	1908.0610	1908.0600	637.0273	0.0010	0.5233	10.32	13.11	9.38	19.78	No
													DAILDALENLTAEELKK	0.52	65.88	21.90	78.88	3	2317.3108	2317.3106	773.4441	0.0002	0.0862	83.71	89.43	75.14	97.22	Yes
													VLTDEQYQAVR	1.00	68.63	27.47	22.58	2	1320.6662	1320.6674	661.3410	-0.0012	-0.9072	286.05	236.27	187.23	280.34	Yes
													VLTDEQYQAVR	1.00	71.15	27.55	21.95	2	1320.6664	1320.6674	661.3410	-0.0010	-0.7560	287.12	269.10	225.13	225.25	Yes
													ESQSYLVEDLER	1.00	60.33	25.60	20.68	2	1466.6896	1466.6889	734.3517	0.0007	0.4766	6.00	2.52	0.96	0.00	No
													ESQSYLVEDLER	1.00	30.24	27.64	23.93	3	1610.7916	1610.7909	537.9376	0.0007	0.4338	4.75	10.47	5.52	8.58	No
													ESQSYLVEDLER	1.00	70.92	27.64	25.70	2	1610.7918	1610.7909	806.4027	0.0009	0.5580	471.54	447.05	510.66	507.46	Yes
													ESQSYLVEDLER	1.00	74.35	27.64	26.92	2	1610.7918	1610.7909	806.4027	0.0009	0.5580	3971.02	3786.19	3587.61	5664.69	Yes
													ESQSYLVEDLER	1.00	34.84	27.66	20.54	3	1610.7922	1610.7909	537.9376	0.0013	0.8055	12.00	13.24	1.80	6.97	No
													ESQSYLVEDLER	1.00	68.13	27.59	23.50	2	1610.7924	1610.7909	806.4027	0.0015	0.9301	2077.34	2148.26	2076.43	2394.35	Yes
													ESQSYLVEDLER	1.00	72.99	27.50	25.30	2	1610.7928	1610.7909	806.4027	0.0019	1.1781	3625.26	3919.27	3598.22	3887.07	Yes
													ESQSYLVEDLER	1.00	38.73	27.49	25.22	3	1610.7931	1610.7909	537.9376	0.0022	1.3632	17.39	7.76	4.72	11.03	No
													ESQSYLVEDLER	1.00	31.32	27.49	27.20	3	1610.7931	1610.7909	537.9376	0.0022	1.3632	5.86	8.99	18.62	19.38	No
													ESQSYLVEDLERS	1.00	71.53	26.47	22.41	2	1697.8236	1697.8230	849.9188	0.0006	0.3530	1107.19	886.71	1537.26	1135.90	Yes
													ESQSYLVEDLERS	1.00	68.67	26.51	20.70	2	1697.8240	1697.8230	849.9188	0.0010	0.5883	246.67	325.93	327.77	325.73	Yes
													ESQSYLVEDLERS	0.97	22.74	26.51	23.47	3	1697.8246	1697.8230	566.9483	0.0016	0.9407	9.74	0.58	4.15	6.06	No
													ESQSYLVEDLERS	0.53	12.78	26.51	14.39	3	1697.8246	1697.8230	566.9483	0.0016	0.9407	6.63	0.00	5.99	2.53	No
													VTNVEWLLDALYGK	1.00	28.33	26.13	15.08	3	1908.0598	1908.0600	637.0273	-0.0002	-0.1047	18.46	15.21	5.85	12.71	No
													DAILDALENLTAEELKK	0.52	73.20	21.85	86.20	3	2317.3117	2317.3106	773.4441	0.0011	0.4741	13.45	24.63	13.73	27.82	No
													DAILDALENLTAEELKK	1.00	34.36	21.64	47.36	4	2317.3121	2317.3106	580.3349	0.0015	0.6462	14.44	7.91	9.46	8.66	No
													ESQSYLVEDLER	1.00	60.33	27.64	21.49	2	1610.7918	1610.7909	806.4027	0.0009	0.5580	297.56	296.78	332.11	394.58	Yes
													ESQSYLVEDLER	1.00	54.43	27.66	28.25	3	1610.7922	1610.7909	537.9376	0.0013	0.8055	47.92	47.37	45.37	25.44	No
													ESQSYLVEDLER	1.00	63.31	27.73	23.75	2	1610.7926	1610.7909	806.4027	0.0017	1.0541	591.44	497.63	636.76	627.01	Yes
													ESQSYLVEDLER	1.00	52.39	27.50	29.40	3	1610.7928	1610.7909	537.9376	0.0019	1.1773	21.16	42.91	48.25	29.65	No
													ESQSYLVEDLER	1.00	76.87	27.48	25.49	2	1610.7934	1610.7909	806.4027	0.0025	1.5501	11043.39	9410.46	10656.70	12296.33	Yes
													ESQSYLVEDLER	1.00	71.60	27.48	26.31	2	1610.7934	1610.7909	806.4027	0.0025	1.5501	4575.55	4499.59	4619.36	6144.58	Yes
													ESQSYLVEDLERS	1.00	58.72	26.49	20.14	2	1697.8232	1697.8230	849.9188	0.0002	0.1177	65.48	52.74	82.64	65.71	Yes
													ESQSYLVEDLERS	1.00	63.47	26.47	20.81	2	1697.8236	1697.8230	849.9188	0.0006	0.3530	47.02	32.75	48.41	42.59	Yes
													ESQSYLVEDLERS	1.00	80.07	26.50	21.39	2	1697.8242	1697.8230	849.9188	0.0012	0.7059	7290.21	7254.33	9879.20	7796.98	Yes
													ESQSYLVEDLERS	1.00	74.14	26.71	23.30	2	1697.8246	1697.8230	849.9188	0.0016	0.9413	5469.93	6707.49	7068.89	6858.00	Yes
													ESQSYLVEDLERS	0.99	26.42	26.72	19.43	3	1697.8252	1697.8230	566.9483	0.0022	1.2935	27.10	16.87	0.00	28.82	No
													DAILDALENLTAEELKK	0.52	67.59	21.85	80.59	3	2317.3117	2317.3106	773.4441	0.0011	0.4741	33.51	56.08	57.98	72.75	Yes
													DAILDALENLTAEELKK	1.00	61.40	21.85	17.83	3	2317.3117	2317.3106	773.4441	0.0011	0.4741	32.60	24.29	26.02	23.75	No
													ESQSYLVEDLERS	1.00	66.24	26.53	23.31	2	1697.8224	1697.8230	849.9188	-0.0006	-0.3530	84.89	88.92	136.80	97.78	Yes
													ESQSYLVEDLERS	1.00	68.73	26.55	19.93	2	1697.8230	1697.8230	849.9188	0.0000	0.0000	66.11	41.82	59.18	55.99	Yes
													ESQSYLVEDLERS	1.00	79.36	26.49	21.98	2	1697.8232	1697.8230	849.9188	0.0002	0.1177	81.95	69.72	84.51	68.77	Yes
													ESQSYLVEDLERS	1.00	72.25	26.47	21.76	2	1697.8236	1697.8230	849.9188	0.0006	0.3530	140.28	102.35	147.83	111.42	Yes
													ESQSYLVEDLERS	1.00	29.94	26.52	20.41	3	1697.8237	1697.8230	566.9483	0.0007	0.4116	9.82	11.96	4.09	10.24	No
													DAILDALENLTAEELK	1.00	100.37	27.53	20.28	2	1901.0096	1901.0115	951.5130	-0.0019	-0.9984	3.42	0.00	0.00	2.26	No
													AEPTNPSK	1.00	51.38	27.92	33.41	2	1130.6150	1130.6175	566.3160	-0.0025	-2.2073	1080.13	1091.38	1225.76	1306.03	Yes
													AEPTNPSK	1.00	51.52	27.92	32.26	2	1130.6152	1130.6175	566.3160	-0.0023	-2.0307	1107.89	1143.52	1335.48	1222.48	Yes
													AEPTNPSK	1.00	52.98	27.38	22.25	2	1130.6168	1130.6175	566.3160	-0.0007	-0.6180	264.93	316.10	349.93	349.68	Yes
													AEPTNPSK	1.00	50.31	27.38	21.21	2	1130.6168	1130.6175	566.3160	-0.0007	-0.6180	80.81	104.21	122.16	128.39	Yes
													AEPTNPSK	1.00	46.46	27.42	22.13	2	1130.6178	1130.6175	566.3160	0.0003	0.2649	932.12	1035.67	1220.88	1259.91	Yes

AEPTNPSK	1.00	49.08	27.42	17.76	2	1130.6178	1130.6175	566.3160	0.0003	0.2649	949.05	1048.10	1221.31	1194.87	Yes
AEPTNPSK	1.00	51.16	27.35	22.75	2	1130.6180	1130.6175	566.3160	0.0005	0.4414	1257.78	1315.42	1555.71	1511.67	Yes
AEPTNPSK	1.00	51.48	27.57	24.14	2	1130.6184	1130.6175	566.3160	0.0009	0.7946	1163.19	1211.64	1377.71	1466.00	Yes
GALLSMDALDLTDK	1.00	35.09	28.42	21.00	3	1605.8416	1605.8405	536.2874	0.0011	0.6837	7.65	11.13	3.89	7.04	No
GALLSMDALDLTDK	0.56	55.97	28.40	68.97	2	1605.8426	1605.8405	803.9275	0.0021	1.3061	0.00	0.00	0.00	6.34	No
ESQSYLVEDLERS	1.00	62.97	26.88	34.33	2	1697.8362	1697.8230	849.9188	0.0132	7.7654	23.12	14.46	23.81	30.81	No
DAILDALENLTAEELK	1.00	85.05	27.53	24.21	2	1901.0106	1901.0115	951.5130	-0.0009	-0.4729	9.16	2.52	2.97	4.49	No
DAILDALENLTAEELK	1.00	116.34	27.53	24.29	2	1901.0106	1901.0115	951.5130	-0.0009	-0.4729	9.28	2.57	2.67	9.42	No
DAILDALENLTAEELK	1.00	103.72	27.48	39.31	2	1901.0108	1901.0115	951.5130	-0.0007	-0.3678	34.78	27.07	26.35	40.93	No
DAILDALENLTAEELK	1.00	120.34	27.44	39.50	2	1901.0112	1901.0115	951.5130	-0.0003	-0.1576	14.94	8.03	9.61	20.16	No
DAILDALENLTAEELK	1.00	32.35	27.47	23.66	3	1901.0134	1901.0115	634.6778	0.0019	0.9979	51.24	32.93	35.25	37.28	Yes
DAILDALENLTAEELK	1.00	32.51	27.60	23.11	3	1901.0137	1901.0115	634.6778	0.0022	1.1554	47.39	48.06	43.13	47.61	Yes
DAILDALENLTAEELKK	0.99	50.11	26.45	16.46	3	2029.1074	2029.1064	677.3761	0.0010	0.4921	18.46	9.89	14.96	14.31	No
DAILDALENLTAEELKK	1.00	57.90	26.38	23.18	3	2029.1086	2029.1064	677.3761	0.0022	1.0826	20.45	26.11	17.49	12.80	No
DAILDALENLTAEELKK	1.00	80.63	24.56	21.14	2	2173.2074	2173.2085	1087.6115	-0.0011	-0.5057	25.90	18.45	28.90	35.77	No
DAILDALENLTAEELKK	1.00	91.49	24.42	22.51	2	2173.2094	2173.2085	1087.6115	0.0009	0.4138	27.87	15.07	22.06	24.88	No
DAILDALENLTAEELKK	1.00	51.86	24.41	18.29	4	2173.2105	2173.2085	544.3094	0.0020	0.9186	56.54	54.70	52.33	63.08	Yes
DAILDALENLTAEELKK	1.00	45.39	24.41	58.39	4	2173.2105	2173.2085	544.3094	0.0020	0.9186	17.27	9.81	20.43	16.56	No
AEPTNPSK	1.00	52.41	27.72	29.82	2	1130.6158	1130.6175	566.3160	-0.0017	-1.5009	83.90	86.36	111.46	106.99	Yes
AEPTNPSK	1.00	40.72	27.38	21.48	2	1130.6168	1130.6175	566.3160	-0.0007	-0.6180	243.49	284.15	276.00	262.17	Yes
AEPTNPSK	1.00	49.08	27.42	22.00	2	1130.6178	1130.6175	566.3160	0.0003	0.2649	823.78	892.35	1066.77	1146.25	Yes
AEPTNPSK	1.00	39.90	27.42	22.51	2	1130.6178	1130.6175	566.3160	0.0003	0.2649	857.46	934.49	1092.32	1049.99	Yes
AEPTNPSK	1.00	53.01	27.57	23.01	2	1130.6184	1130.6175	566.3160	0.0009	0.7946	774.72	841.68	957.25	1005.96	Yes
AEPTNPSK	1.00	51.07	27.51	22.38	2	1130.6186	1130.6175	566.3160	0.0011	0.9712	780.08	903.10	1061.61	1008.23	Yes
AEPTNPSK	1.00	51.46	27.68	23.00	2	1130.6192	1130.6175	566.3160	0.0017	1.5009	857.35	1015.77	1073.65	1156.28	Yes
AEPTNPSK	1.00	49.17	27.77	24.62	2	1130.6194	1130.6175	566.3160	0.0019	1.6775	783.87	976.54	1070.35	1123.38	Yes
GALLSMDALDLTDK	0.79	22.32	28.41	21.09	2	1605.8420	1605.8405	803.9275	0.0015	0.9329	2.79	0.00	1.26	5.04	No
GALLSMDALDLTDK	1.00	79.63	28.41	21.68	2	1605.8420	1605.8405	803.9275	0.0015	0.9329	5.06	6.70	13.34	0.00	No
GALLSMDALDLTDK	0.97	25.25	28.40	19.64	3	1605.8422	1605.8405	536.2874	0.0017	1.0566	13.10	5.39	14.79	18.92	No
DAILDALENLTAEELK	1.00	113.22	27.44	22.26	2	1901.0110	1901.0115	951.5130	-0.0005	-0.2627	3.83	0.00	3.48	0.96	No
DAILDALENLTAEELK	0.56	107.87	27.47	120.87	2	1901.0132	1901.0115	951.5130	0.0017	0.8933	1.16	0.00	1.14	1.93	No
DAILDALENLTAEELK	1.00	58.78	27.60	18.57	3	1901.0140	1901.0115	634.6778	0.0025	1.3130	40.98	22.38	35.40	47.06	No
DAILDALENLTAEELK	1.00	55.56	27.50	23.18	3	1901.0143	1901.0115	634.6778	0.0028	1.4706	25.87	27.93	37.49	46.31	No
DAILDALENLTAEELKK	0.98	52.66	26.44	20.06	3	2029.1104	2029.1064	677.3761	0.0040	1.9684	27.93	28.75	16.31	27.04	No
DAILDALENLTAEELKK	0.74	74.61	24.56	87.61	2	2173.2074	2173.2085	1087.6115	-0.0011	-0.5057	59.83	37.01	80.24	94.18	Yes
DAILDALENLTAEELKK	1.00	75.64	24.42	20.33	2	2173.2094	2173.2085	1087.6115	0.0009	0.4138	68.37	68.77	92.55	112.52	Yes
DAILDALENLTAEELKK	1.00	44.48	24.41	16.56	3	2173.2121	2173.2085	725.4101	0.0036	1.6542	11.18	8.64	16.66	32.03	No
DAILDALENLTAEELKK	1.00	36.75	24.41	15.37	4	2173.2121	2173.2085	544.3094	0.0036	1.6535	61.85	43.72	65.35	67.82	Yes
DAILDALENLTAEELKK	1.00	48.03	24.41	17.41	4	2173.2121	2173.2085	544.3094	0.0036	1.6535	33.41	17.57	26.14	31.51	No
DAILDALENLTAEELKK	1.00	45.89	24.41	20.73	4	2173.2121	2173.2085	544.3094	0.0036	1.6535	20.50	25.41	19.12	21.19	No
DAILDALENLTAEELKK	1.00	28.74	24.39	19.37	4	2173.2125	2173.2085	544.3094	0.0040	1.8372	81.17	76.02	103.91	113.90	Yes
DAILDALENLTAEELKK	1.00	63.94	24.36	24.68	3	2173.2133	2173.2085	725.4101	0.0048	2.2056	747.70	631.28	1065.66	971.78	Yes
DAILDALENLTAEELKK	0.52	58.55	21.85	71.55	3	2317.3117	2317.3106	773.4441	0.0011	0.4741	10.39	10.55	9.12	16.63	No
DAILDALENLTAEELKK	0.52	58.72	21.58	71.72	3	2317.3120	2317.3106	773.4441	0.0014	0.6034	17.11	24.92	25.35	23.48	No
AEPTNPSK	1.00	50.27	27.71	27.86	2	1130.6162	1130.6175	566.3160	-0.0013	-1.1478	266.06	242.11	277.06	269.89	Yes
AEPTNPSK	1.00	52.79	27.36	25.00	2	1130.6166	1130.6175	566.3160	-0.0009	-0.7946	236.42	281.85	277.36	273.20	Yes
AEPTNPSK	1.00	48.87	27.47	23.59	2	1130.6174	1130.6175	566.3160	-0.0001	-0.0883	28.61	24.15	41.59	28.29	No
AEPTNPSK	1.00	50.79	27.47	22.33	2	1130.6174	1130.6175	566.3160	-0.0001	-0.0883	239.62	288.29	302.74	273.66	Yes
AEPTNPSK	1.00	50.85	27.42	25.18	2	1130.6176	1130.6175	566.3160	0.0001	0.0883	221.46	272.80	246.76	292.46	Yes
AEPTNPSK	1.00	55.04	27.42	22.82	2	1130.6178	1130.6175	566.3160	0.0003	0.2649	258.47	212.41	266.34	248.78	Yes
AEPTNPSK	1.00	50.79	27.35	24.32	2	1130.6180	1130.6175	566.3160	0.0005	0.4414	225.66	288.46	274.44	300.78	Yes
DAILDALENLTAEELK	1.00	72.40	27.53	25.96	2	1901.0106	1901.0115	951.5130	-0.0009	-0.4729	2.00	0.00	3.19	0.00	No
DAILDALENLTAEELK	1.00	84.08	27.44	22.77	2	1901.0114	1901.0115	951.5130	-0.0001	-0.0525	1.23	1.05	0.89	1.90	No
DAILDALENLTAEELK	1.00	47.81	27.47	16.64	3	1901.0134	1901.0115	634.6778	0.0019	0.9979	21.16	22.98	20.54	26.46	No
DAILDALENLTAEELK	0.91	20.21	27.60	18.45	3	1901.0140	1901.0115	634.6778	0.0025	1.3130	14.27	12.53	20.41	20.60	No
DAILDALENLTAEELK	1.00	66.09	26.58	21.62	3	2045.1151	2045.1135	682.7118	0.0016	0.7812	15.18	8.71	13.80	18.16	No
DAILDALENLTAEELKK	0.74	84.57	24.56	97.57	2	2173.2074	2173.2085	1087.6115	-0.0011	-0.5057	18.21	18.56	14.45	24.96	No
DAILDALENLTAEELKK	1.00	78.28	24.42	20.71	2	2173.2094	2173.2085	1087.6115	0.0009	0.4138	25.36	20.91	32.13	31.44	No
DAILDALENLTAEELKK	1.00	55.77	24.41	21.20	4	2173.2105	2173.2085	544.3094	0.0020	0.9186	50.40	38.08	60.51	75.11	Yes
DAILDALENLTAEELKK	1.00	45.68	24.39	15.90	3	2173.2106	2173.2085	725.4101	0.0021	0.9650	6.46	3.65	6.06	4.63	No
DAILDALENLTAEELKK	1.00	73.39	24.47	20.40	3	2173.2112	2173.2085	725.4101	0.0027	1.2407	194.85	157.20	208.64	276.12	Yes
DAILDALENLTAEELKK	1.00	55.92	24.47	17.13	3	2173.2112	2173.2085	725.4101	0.0027	1.2407	7.32	4.55	14.66	12.18	No
DAILDALENLTAEELKK	1.00	52.93	24.44	65.93	4	2173.2113	2173.2085	544.3094	0.0028	1.2860	63.48	49.86	77.62	82.71	Yes
DAILDALENLTAEELKK	1.00	52.72	24.39	20.84	4	2173.2125	2173.2085	544.3094	0.0040	1.8372	58.29	43.85	51.63	62.50	Yes
DAILDALENLTAEELKK	1.00	44.07	24.39	16.41	4	2173.2125	2173.2085	544.3094	0.0040	1.8372	25.58	9.63	10.62	21.01	No
AEPTNPSK	1.00	52.59	27.36	26.30	2	1130.6166	1130.6175	566.3160	-0.0009	-0.7946	46.32	47.40	75.13	54.76	Yes
AEPTNPSK	1.00	47.68	27.47	20.13	2	1130.6174	1130.6175	566.3160	-0.0001	-0.0883	46.35	63.67	63.21	69.39	Yes
VLTDEQYQAVR	1.00	72.68	27.55	26.58	2	1320.6666	1320.6674	661.3410	-0.0008	-0.6048	437.59	194.31	357.38	512.32	Yes
GALLSMDALDLTDK	1.00	88.93	27.85	25.41	2	1765.9422	1765.9375	883.9760	0.0047	2.6584	226.12	132.96	169.78	199.84	Yes
DAILDALENLTAEELK	1.00	94.89	27.53	26.17	2	1901.0094	1901.0115	951.5130	-0.0021	-1.1035	6.87	13.27	24.23	9.74	No
DAILDALENLTAEELK	1.00	67.49	27.44	24.96	2	1901.0110	1901.0115	951.5130	-0.0005	-0.2627	5.97	7.36	7.91	6.20	No
DAILDALENLTAEELK	0.85	18.45	27.47	19.67	3	1901.0134	1901.0115	634.6778	0.0019	0.9979	28.87	16.75	24.84	24.23	No
DAILDALENLTAEELK	1.00	31.17	27.60	19.04	3	1901.0140	1901.0115	634.6778	0.0025	1.3130	14.29	11.57	13.89	26.47	No
DAILDALENLTAEELK	1.00	98.06	26.61	28.40	2	2045.1134	2045.1135	1023.5640	-0.0001	-0.0488	57.72	52.74	57.79	63.90	Yes
DAILDALENLTAEELK	1.00	94.51	26.61	27.18	2	2045.1134	2045.1135	1023.5640	-0.0001	-0.0488	50.41	61.62	46.14	52.00	Yes
DAILDALENLTAEELK	1.00	68.96	26.52	19.71	3	2045.1160	2045.1135	682.7118	0.0025	1.2206	116.18	117.09	132.32	147.97	Yes
DAILDALENLTAEELK	1.00	70.78	26.55	21.53	3	2045.1166	2045.1135	682.7118	0.0031	1.5136	558.12	607.87	801.71	716.70	Yes
DAILDALENLTAEELKK	0.72	83.01	24.42	96.01	2	2173.2094	2173.2085	1087.6115	0.0009	0.4138	40.38	16.26	36.20	33.72	No

DAILDALENLTAEELKK	1.00	97.63	24.42	22.92	2	2173.2094	2173.2085	1087.6115	0.0009	0.4138	13.48	10.37	27.03	11.63	No
DAILDALENLTAEELKK	1.00	50.85	24.44	16.87	4	2173.2109	2173.2085	544.3094	0.0024	1.1023	133.94	79.26	120.24	107.04	Yes
DAILDALENLTAEELKK	1.00	50.40	24.39	63.40	4	2173.2117	2173.2085	544.3094	0.0032	1.4698	34.16	36.35	33.15	34.37	Yes
DAILDALENLTAEELKK	1.00	44.92	24.41	15.84	3	2173.2121	2173.2085	725.4101	0.0036	1.6542	9.49	13.61	9.02	12.37	No
DAILDALENLTAEELKK	0.81	22.83	24.39	17.38	4	2173.2125	2173.2085	544.3094	0.0040	1.8372	26.10	17.19	14.29	33.14	No
DAILDALENLTAEELKK	0.99	68.42	24.41	27.00	3	2173.2136	2173.2085	725.4101	0.0051	2.3435	38.51	22.34	33.68	42.34	No
DAILDALENLTAEELKK	1.00	43.95	24.41	56.95	4	2173.2137	2173.2085	544.3094	0.0052	2.3883	109.91	54.38	86.91	109.43	Yes
DAILDALENLTAEELKK	1.00	87.82	24.33	24.01	3	2173.2142	2173.2085	725.4101	0.0057	2.6192	44.83	31.48	32.22	30.51	Yes
VLTDEQYQAVR	1.00	55.57	28.11	31.30	2	1464.7676	1464.7694	733.3920	-0.0018	-1.2272	10.51	8.04	12.05	11.30	No
VLTDEQYQAVR	1.00	37.52	28.16	33.58	3	1464.7690	1464.7694	489.2637	-0.0004	-0.2725	425.91	675.35	249.61	579.95	Yes
VLTDEQYQAVR	1.00	36.07	28.00	25.83	3	1464.7699	1464.7694	489.2637	0.0005	0.3406	233.46	332.43	192.08	314.93	Yes
VLTDEQYQAVR	1.00	59.95	28.23	22.17	2	1464.7728	1464.7694	733.3920	0.0034	2.3180	358.21	454.82	447.59	464.02	Yes
VLTDEQYQAVR	1.00	55.23	28.12	25.99	2	1464.7732	1464.7694	733.3920	0.0038	2.5907	100066.81	128129.17	137881.44	129793.47	Yes
GALLSMDALDLTDK	1.00	67.75	28.01	22.23	2	1765.9386	1765.9375	883.9760	0.0011	0.6222	497.87	317.45	423.41	577.65	Yes
GALLSMDALDLTDK	1.00	42.72	28.03	28.21	3	1765.9390	1765.9375	589.6531	0.0015	0.8480	54.54	43.26	27.57	28.46	No
GALLSMDALDLTDK	1.00	76.73	27.86	24.17	2	1765.9404	1765.9375	883.9760	0.0029	1.6403	2284.40	1424.60	2485.54	2269.11	Yes
GALLSMDALDLTDK	1.00	35.43	27.87	27.22	3	1765.9408	1765.9375	589.6531	0.0033	1.8655	37.35	16.07	44.97	26.22	No
DAILDALENLTAEELK	1.00	101.08	27.54	37.68	2	1901.0102	1901.0115	951.5130	-0.0013	-0.6831	40.38	31.44	23.15	38.64	No
DAILDALENLTAEELK	1.00	87.61	27.53	22.98	2	1901.0106	1901.0115	951.5130	-0.0009	-0.4729	0.00	1.59	2.24	1.36	No
DAILDALENLTAEELK	1.00	94.63	27.46	38.59	2	1901.0116	1901.0115	951.5130	0.0001	0.0525	37.45	17.15	15.90	31.61	No
DAILDALENLTAEELK	0.98	26.03	27.60	27.09	3	1901.0137	1901.0115	634.6778	0.0022	1.1554	35.45	37.98	50.79	39.56	Yes
DAILDALENLTAEELK	0.57	15.27	27.50	22.25	3	1901.0143	1901.0115	634.6778	0.0028	1.4706	44.83	32.60	43.99	55.98	Yes
DAILDALENLTAEELK	1.00	86.42	26.61	27.10	2	2045.1134	2045.1135	1023.5640	-0.0001	-0.0488	971.73	1032.88	1298.01	1379.99	Yes
DAILDALENLTAEELK	1.00	88.60	26.61	28.68	2	2045.1134	2045.1135	1023.5640	-0.0001	-0.0488	2663.43	1839.02	2681.55	2581.12	Yes
DAILDALENLTAEELK	1.00	37.86	26.58	22.00	3	2045.1157	2045.1135	682.7118	0.0022	1.0741	16.58	9.83	8.17	11.03	No
DAILDALENLTAEELK	1.00	33.91	26.58	16.63	3	2045.1157	2045.1135	682.7118	0.0022	1.0741	3.66	5.05	7.21	11.23	No
DAILDALENLTAEELK	0.92	22.19	26.55	16.34	3	2045.1175	2045.1135	682.7118	0.0040	1.9530	5.52	6.61	14.21	10.80	No
DAILDALENLTAEELKK	1.00	78.81	24.56	20.13	2	2173.2074	2173.2085	1087.6115	-0.0011	-0.5057	183.62	163.47	259.44	315.52	Yes
DAILDALENLTAEELKK	1.00	77.50	24.42	18.92	2	2173.2094	2173.2085	1087.6115	0.0009	0.4138	239.52	143.00	307.73	272.52	Yes
DAILDALENLTAEELKK	1.00	37.20	24.44	22.38	4	2173.2109	2173.2085	544.3094	0.0024	1.1023	34.31	15.51	45.67	48.29	No
DAILDALENLTAEELKK	1.00	43.93	24.44	24.15	4	2173.2113	2173.2085	544.3094	0.0028	1.2860	667.83	625.11	775.40	743.33	Yes
DAILDALENLTAEELKK	1.00	69.15	24.28	18.17	3	2173.2163	2173.2085	725.4101	0.0078	3.5842	1573.37	1990.15	2833.37	2148.51	Yes
DAILDALENLTAEELKK	0.52	63.33	21.85	76.33	3	2317.3117	2317.3106	773.4441	0.0011	0.4741	56.69	77.20	108.30	78.14	Yes
VLTDEQYQAVR	1.00	82.14	27.40	23.49	2	1320.6672	1320.6674	661.3410	-0.0002	-0.1512	490.89	488.28	489.00	525.62	Yes
VLTDEQYQAVR	1.00	43.38	28.39	36.85	3	1464.7705	1464.7694	489.2637	0.0011	0.7494	1182.48	1305.57	722.76	1765.99	Yes
VLTDEQYQAVR	0.97	42.11	28.21	21.33	2	1464.7744	1464.7694	733.3920	0.0050	3.4088	256655.04	322303.84	348486.10	333807.76	Yes
VLTDEQYQAVR	0.98	45.52	28.17	31.31	3	1464.7825	1464.7694	489.2637	0.0131	8.9249	1014.52	1377.72	553.91	2114.61	Yes
VLTDEQYQAVR	1.00	56.60	28.14	26.92	2	1464.7832	1464.7694	733.3920	0.0138	9.4083	34142.46	40345.79	50321.64	49945.35	Yes
GALLSMDALDLTDK	1.00	81.41	28.03	24.61	2	1765.9390	1765.9375	883.9760	0.0015	0.8484	262.72	214.47	279.42	290.52	Yes
GALLSMDALDLTDK	1.00	67.14	28.05	21.38	2	1765.9394	1765.9375	883.9760	0.0019	1.0747	158.04	81.35	122.23	160.52	Yes
GALLSMDALDLTDK	1.00	36.60	27.88	25.51	3	1765.9399	1765.9375	589.6531	0.0024	1.3567	55.99	21.89	45.01	36.03	No
DAILDALENLTAEELK	1.00	77.84	26.61	27.09	2	2045.1134	2045.1135	1023.5640	-0.0001	-0.0488	102.80	183.31	179.97	161.63	Yes
DAILDALENLTAEELK	1.00	97.10	26.61	27.63	2	2045.1134	2045.1135	1023.5640	-0.0001	-0.0488	132.00	138.45	126.17	190.75	Yes
DAILDALENLTAEELK	1.00	95.13	26.64	24.54	3	2045.1142	2045.1135	682.7118	0.0007	0.3418	14.75	25.39	13.31	24.20	No
DAILDALENLTAEELK	1.00	77.64	26.58	21.93	3	2045.1148	2045.1135	682.7118	0.0013	0.6347	20.47	15.50	13.08	14.96	No
DAILDALENLTAEELK	1.00	81.96	26.55	24.88	3	2045.1166	2045.1135	682.7118	0.0031	1.5136	31.53	27.33	42.30	41.58	No
DAILDALENLTAEELKK	1.00	76.82	24.56	20.27	2	2173.2074	2173.2085	1087.6115	-0.0011	-0.5057	37.55	29.72	47.08	38.61	No
DAILDALENLTAEELKK	0.74	69.59	24.56	82.59	2	2173.2074	2173.2085	1087.6115	-0.0011	-0.5057	29.85	26.31	37.27	33.48	No
DAILDALENLTAEELKK	1.00	70.33	24.39	18.97	3	2173.2106	2173.2085	725.4101	0.0021	0.9650	1086.59	1213.08	1495.08	951.09	Yes
DAILDALENLTAEELKK	1.00	63.39	24.39	18.63	3	2173.2127	2173.2085	725.4101	0.0042	1.9299	1333.94	870.58	1929.29	1581.37	Yes
DAILDALENLTAEELKK	0.96	55.76	24.33	16.94	3	2173.2151	2173.2085	725.4101	0.0066	3.0328	10.95	18.91	15.74	15.53	No
DAILDALENLTAEELKK	1.00	51.71	22.01	29.43	4	2317.3093	2317.3106	580.3349	-0.0013	-0.5600	27.22	24.53	17.30	30.45	No
DAILDALENLTAEELKK	1.00	78.36	21.99	22.43	2	2317.3094	2317.3106	1159.6626	-0.0012	-0.5174	148.73	183.12	293.52	195.15	Yes
DAILDALENLTAEELKK	1.00	78.89	21.99	25.57	2	2317.3094	2317.3106	1159.6626	-0.0012	-0.5174	45.36	46.15	44.21	45.36	Yes
DAILDALENLTAEELKK	1.00	61.36	21.96	21.88	3	2317.3096	2317.3106	773.4441	-0.0010	-0.4310	41.02	56.60	58.50	41.46	Yes
DAILDALENLTAEELKK	0.52	68.64	21.85	81.64	3	2317.3111	2317.3106	773.4441	0.0005	0.2155	69.02	86.98	96.16	112.55	Yes
DAILDALENLTAEELKK	1.00	63.24	21.85	17.14	3	2317.3111	2317.3106	773.4441	0.0005	0.2155	70.22	66.83	68.85	79.81	Yes
DAILDALENLTAEELKK	1.00	62.65	21.85	21.61	3	2317.3111	2317.3106	773.4441	0.0005	0.2155	42.17	59.94	57.66	49.16	Yes
DAILDALENLTAEELKK	0.72	74.74	21.85	87.74	2	2317.3114	2317.3106	1159.6626	0.0008	0.3449	252.85	222.30	314.53	267.12	Yes
DAILDALENLTAEELKK	0.72	90.51	21.85	103.51	2	2317.3114	2317.3106	1159.6626	0.0008	0.3449	41.97	58.49	67.65	40.47	Yes
DAILDALENLTAEELKK	0.52	61.82	21.85	74.82	3	2317.3117	2317.3106	773.4441	0.0011	0.4741	59.10	67.60	58.27	52.08	Yes
DAILDALENLTAEELKK	1.00	53.67	21.64	21.55	4	2317.3125	2317.3106	580.3349	0.0019	0.8185	287.98	345.73	464.32	367.10	Yes
DAILDALENLTAEELKK	1.00	59.69	21.64	23.45	3	2317.3132	2317.3106	773.4441	0.0026	1.1205	2416.73	2974.42	3596.70	3248.91	Yes
DAILDALENLTAEELKK	1.00	58.89	21.64	20.28	3	2317.3132	2317.3106	773.4441	0.0026	1.1205	866.11	951.88	1304.06	1228.78	Yes
DAILDALENLTAEELKK	1.00	55.61	21.43	19.18	4	2317.3141	2317.3106	580.3349	0.0035	1.5077	128.07	169.23	199.41	180.25	Yes
DAILDALENLTAEELKK	1.00	67.58	21.43	31.22	3	2317.3144	2317.3106	773.4441	0.0038	1.6377	23.17	22.44	34.73	43.55	No
DAILDALENLTAEELKK	1.00	57.27	21.43	70.27	4	2317.3157	2317.3106	580.3349	0.0051	2.1970	2182.74	2234.22	2817.85	2409.86	Yes
DAILDALENLTAEELKK	1.00	49.76	21.43	24.09	3	2317.3162	2317.3106	773.4441	0.0056	2.4134	18554.54	24361.81	29203.21	23721.29	Yes
DAILDALENLTAEELKK	1.00	44.88	21.30	20.87	4	2317.3169	2317.3106	580.3349	0.0063	2.7139	8620.56	8075.15	11246.40	10948.99	Yes
VLTDEQYQAVR	0.96	45.81	27.23	19.62	2	1320.6628	1320.6674	661.3410	-0.0046	-3.4778	23.12	24.67	20.14	26.64	No
VLTDEQYQAVR	1.00	64.83	28.19	30.08	2	1464.7680	1464.7694	733.3920	-0.0014	-0.9545	18727.40	21546.37	24229.54	24565.14	Yes
VLTDEQYQAVR	1.00	61.97	28.40	27.11	2	1464.7716	1464.7694	733.3920	0.0022	1.4999	675.57	912.78	907.60	1001.55	Yes
GALLSMDALDLTDK	0.65	14.91	27.89	22.40	3	1749.9430	1749.9426	584.3215	0.0004	0.2282	31.29	39.74	28.22	33.83	No
GALLSMDALDLTDK	1.00	31.78	27.94	15.90	3	1749.9436	1749.9426	584.3215	0.0010	0.5705	22.20	18.82	20.92	24.91	No
GALLSMDALDLTDK	1.00	89.56	28.04	28.50	2	1749.9444	1749.9426	875.9786	0.0018	1.0274	4681.94	4530.21	5707.15	5663.80	Yes
GALLSMDALDLTDK	1.00	50.67	27.95	27.91	3	1749.9451	1749.9426	584.3215	0.0025	1.4262	691.92	682.74	1310.35	867.08	Yes
GALLSMDALDLTDK	0.90	21.59	27.99	21.40	3	1749.9454	1749.9426	584.3215	0.0028	1.5973	47.84	36.12	55.91	38.94	Yes
GALLSMDALDLTDK	1.00	68.69	27.88	26.47	2	1749.9482	1749.9426	875.9786	0.0056	3.1964	16245.43	18404.94	23851.42	20081.41	Yes

GALLSMDALDLTDK	1.00	52.81	27.79	28.33	3	1749.9499	1749.9426	584.3215	0.0073	4.1644	975.75	1343.03	1257.50	1450.60	Yes
VTNVEWLLDALYGK	1.00	41.89	27.54	16.78	2	1763.9594	1763.9580	882.9863	0.0014	0.7928	2.03	0.00	0.00	6.13	No
GALLSMDALDLTDK	1.00	87.22	28.01	24.31	2	1765.9380	1765.9375	883.9760	0.0005	0.2828	167.90	198.04	225.95	188.52	Yes
GALLSMDALDLTDK	1.00	76.71	28.01	24.11	2	1765.9382	1765.9375	883.9760	0.0007	0.3959	212.41	196.62	226.96	205.24	Yes
DAILDALENLTAEELK	1.00	86.24	26.61	27.39	2	2045.1134	2045.1135	1023.5640	-0.0001	-0.0488	52.91	62.63	61.77	67.47	Yes
DAILDALENLTAEELK	1.00	119.68	26.61	30.50	2	2045.1134	2045.1135	1023.5640	-0.0001	-0.0488	40.30	44.23	42.75	39.87	Yes
DAILDALENLTAEELK	1.00	72.51	26.58	22.90	3	2045.1148	2045.1135	682.7118	0.0013	0.6347	41.48	41.26	36.45	30.43	Yes
DAILDALENLTAEELK	1.00	66.95	26.58	22.36	3	2045.1151	2045.1135	682.7118	0.0016	0.7812	137.20	150.36	166.66	177.09	Yes
DAILDALENLTAEELKK	1.00	59.56	24.41	18.62	3	2173.2121	2173.2085	725.4101	0.0036	1.6542	148.03	93.69	117.33	174.01	Yes
ARDAILDALENLTAEELK	1.00	60.51	24.77	18.74	4	2272.2537	2272.2518	569.0702	0.0019	0.8347	264.25	239.78	385.55	291.33	Yes
ARDAILDALENLTAEELK	1.00	60.58	24.59	18.94	3	2272.2571	2272.2518	758.4245	0.0053	2.3294	0.00	40.25	50.43	28.25	No
ARDAILDALENLTAEELK	1.00	72.57	24.59	21.39	3	2272.2589	2272.2518	758.4245	0.0071	3.1205	10.62	4.25	17.28	11.54	No
DAILDALENLTAEELKK	0.72	85.22	21.85	98.22	2	2317.3114	2317.3106	1159.6626	0.0008	0.3449	383.50	427.69	515.10	429.74	Yes
DAILDALENLTAEELKK	0.72	97.75	21.85	110.75	2	2317.3114	2317.3106	1159.6626	0.0008	0.3449	308.21	395.52	421.70	442.83	Yes
DAILDALENLTAEELKK	1.00	58.47	21.43	29.88	3	2317.3144	2317.3106	773.4441	0.0038	1.6377	1189.07	1526.66	1939.42	1798.43	Yes
DAILDALENLTAEELKK	1.00	69.71	21.43	25.48	3	2317.3144	2317.3106	773.4441	0.0038	1.6377	2683.41	3781.13	4080.76	4082.91	Yes
DAILDALENLTAEELKK	1.00	61.46	21.30	27.96	3	2317.3168	2317.3106	773.4441	0.0062	2.6720	10456.68	14190.90	13296.11	14398.27	Yes
DAILDALENLTAEELKK	1.00	44.45	21.00	19.20	4	2317.3205	2317.3106	580.3349	0.0099	4.2648	14731.63	17623.23	20181.50	19203.31	Yes
DAILDALENLTAEELKK	1.00	51.56	21.00	64.56	4	2317.3205	2317.3106	580.3349	0.0099	4.2648	14414.18	18376.86	20559.50	21375.69	Yes
VLTDEQYQAVR	1.00	63.62	28.18	27.14	2	1464.7684	1464.7694	733.3920	-0.0010	-0.6818	252.37	295.74	315.90	290.51	Yes
VLTDEQYQAVR	1.00	52.02	28.18	23.70	2	1464.7684	1464.7694	733.3920	-0.0010	-0.6818	593.44	776.95	840.75	827.71	Yes
GALLSMDALDLTDK	1.00	104.60	28.02	28.94	2	1749.9442	1749.9426	875.9786	0.0016	0.9133	454.97	561.20	614.11	573.08	Yes
GALLSMDALDLTDK	1.00	108.90	27.91	30.22	2	1749.9448	1749.9426	875.9786	0.0022	1.2557	4152.48	4469.41	4354.53	4333.62	Yes
GALLSMDALDLTDK	1.00	40.22	27.95	29.31	3	1749.9451	1749.9426	584.3215	0.0025	1.4262	236.50	265.23	241.79	267.79	Yes
GALLSMDALDLTDK	1.00	39.37	27.95	28.50	3	1749.9451	1749.9426	584.3215	0.0025	1.4262	121.40	195.40	196.06	168.28	Yes
VTNVEWLLDALYGK	0.96	21.89	27.59	16.86	3	1763.9578	1763.9580	588.9933	-0.0002	-0.1132	51.15	46.52	46.36	60.17	Yes
VTNVEWLLDALYGK	0.52	33.23	27.54	46.23	3	1763.9581	1763.9580	588.9933	0.0001	0.0566	77.83	92.63	108.12	94.69	Yes
VTNVEWLLDALYGK	1.00	60.59	27.56	17.07	2	1763.9590	1763.9580	882.9863	0.0010	0.5663	0.00	10.67	3.54	6.24	No
VTNVEWLLDALYGK	0.72	70.35	27.57	83.35	2	1763.9592	1763.9580	882.9863	0.0012	0.6795	6.55	0.00	3.90	11.88	No
VTNVEWLLDALYGK	1.00	42.70	25.91	19.36	3	1908.0610	1908.0600	637.0273	0.0010	0.5233	17.57	13.45	8.00	22.10	No
DAILDALENLTAEELK	1.00	66.55	26.52	20.92	3	2045.1160	2045.1135	682.7118	0.0025	1.2206	75.47	118.14	74.51	119.37	Yes
DAILDALENLTAEELK	1.00	54.81	26.51	20.43	3	2045.1163	2045.1135	682.7118	0.0028	1.3671	60.88	71.28	53.82	75.24	Yes
DAILDALENLTAEELKK	1.00	65.16	24.42	20.20	3	2173.2115	2173.2085	725.4101	0.0030	1.3785	61.20	51.70	77.36	86.46	Yes
ARDAILDALENLTAEELK	1.00	62.91	24.84	18.43	3	2272.2532	2272.2518	758.4245	0.0014	0.6153	358.16	193.31	391.71	393.68	Yes
ARDAILDALENLTAEELK	1.00	52.22	24.84	18.46	3	2272.2532	2272.2518	758.4245	0.0014	0.6153	129.74	173.71	237.33	210.48	Yes
ARDAILDALENLTAEELK	1.00	51.02	24.84	64.02	4	2272.2533	2272.2518	569.0702	0.0015	0.6590	26.19	30.20	57.47	29.53	No
DAILDALENLTAEELKK	0.72	81.92	21.85	94.92	2	2317.3114	2317.3106	1159.6626	0.0008	0.3449	122.63	143.41	170.57	188.25	Yes
DAILDALENLTAEELKK	0.72	76.29	21.85	89.29	2	2317.3114	2317.3106	1159.6626	0.0008	0.3449	89.52	120.44	98.13	135.01	Yes
DAILDALENLTAEELKK	1.00	69.72	21.55	29.66	3	2317.3138	2317.3106	773.4441	0.0032	1.3791	4846.99	6093.65	7169.01	6529.91	Yes
DAILDALENLTAEELKK	1.00	62.77	21.49	30.06	3	2317.3147	2317.3106	773.4441	0.0041	1.7670	9266.52	10283.56	13689.66	11854.84	Yes
DAILDALENLTAEELKK	1.00	55.50	21.43	17.31	4	2317.3157	2317.3106	580.3349	0.0051	2.1970	5268.90	5323.42	7848.31	7106.19	Yes
DAILDALENLTAEELKK	1.00	47.66	21.43	20.30	4	2317.3161	2317.3106	580.3349	0.0055	2.3693	4287.21	5550.52	5791.31	6237.46	Yes
VLTDEQYQAVR	1.00	65.01	28.09	28.89	2	1464.7776	1464.7694	733.3920	0.0082	5.5904	315.94	309.73	404.86	425.96	Yes
VLTDEQYQAVR	1.00	64.58	28.20	28.58	2	1464.7784	1464.7694	733.3920	0.0090	6.1358	1434.86	1755.08	1798.43	1855.72	Yes
GALLSMDALDLTDK	1.00	93.52	27.94	25.61	2	1749.9434	1749.9426	875.9786	0.0008	0.4566	377.90	393.25	519.36	577.94	Yes
GALLSMDALDLTDK	1.00	37.77	27.90	15.85	3	1749.9442	1749.9426	584.3215	0.0016	0.9127	13.84	7.85	18.56	6.20	No
GALLSMDALDLTDK	1.00	86.14	27.91	27.20	2	1749.9448	1749.9426	875.9786	0.0022	1.2557	1099.49	865.53	1106.85	1075.47	Yes
GALLSMDALDLTDK	1.00	35.43	27.99	23.93	3	1749.9454	1749.9426	584.3215	0.0028	1.5973	17.01	26.03	9.18	12.22	No
VTNVEWLLDALYGK	1.00	71.47	27.62	21.30	2	1763.9598	1763.9580	882.9863	0.0018	1.0193	133.53	177.28	164.77	210.60	Yes
VTNVEWLLDALYGK	1.00	72.15	27.62	21.54	2	1763.9598	1763.9580	882.9863	0.0018	1.0193	63.04	54.82	64.35	83.86	Yes
VTNVEWLLDALYGK	0.56	73.24	27.61	86.24	2	1763.9602	1763.9580	882.9863	0.0022	1.2458	6.41	5.15	6.78	1.41	No
VTNVEWLLDALYGK	1.00	39.87	26.13	25.66	3	1908.0598	1908.0600	637.0273	-0.0002	-0.1047	40.29	45.58	48.77	40.24	Yes
VTNVEWLLDALYGK	1.00	33.95	26.06	20.66	3	1908.0607	1908.0600	637.0273	0.0007	0.3663	22.28	24.59	28.96	25.29	No
VTNVEWLLDALYGK	1.00	36.03	25.99	24.28	3	1908.0619	1908.0600	637.0273	0.0019	0.9942	19.11	18.42	21.03	25.40	No
VTNVEWLLDALYGK	1.00	38.19	26.09	22.55	3	1908.0625	1908.0600	637.0273	0.0025	1.3082	51.80	38.25	33.67	27.58	No
DAILDALENLTAEELK	1.00	58.59	26.58	20.91	3	2045.1157	2045.1135	682.7118	0.0022	1.0741	45.04	42.75	51.61	42.31	Yes
DAILDALENLTAEELK	1.00	92.57	26.52	27.79	3	2045.1160	2045.1135	682.7118	0.0025	1.2206	23.33	40.80	46.78	32.55	No
DAILDALENLTAEELKK	1.00	83.34	24.41	18.23	3	2173.2121	2173.2085	725.4101	0.0036	1.6542	5.72	0.00	9.82	9.21	No
ARDAILDALENLTAEELK	1.00	68.95	24.84	18.13	3	2272.2529	2272.2518	758.4245	0.0011	0.4835	35.93	21.66	40.26	37.14	No
ARDAILDALENLTAEELK	1.00	46.38	24.79	16.01	3	2272.2553	2272.2518	758.4245	0.0035	1.5383	20.06	8.00	16.30	12.89	No
DAILDALENLTAEELKK	1.00	59.86	21.64	17.92	4	2317.3133	2317.3106	580.3349	0.0027	1.1631	604.76	650.09	798.70	727.05	Yes
DAILDALENLTAEELKK	1.00	59.21	21.49	22.08	3	2317.3147	2317.3106	773.4441	0.0041	1.7670	2981.60	3226.66	3414.05	3208.38	Yes
GALLSMDALDLTDK	1.00	89.18	27.88	29.98	2	1749.9436	1749.9426	875.9786	0.0010	0.5708	185.13	197.06	223.83	209.25	Yes
GALLSMDALDLTDK	1.00	87.58	27.90	28.74	2	1749.9440	1749.9426	875.9786	0.0014	0.7991	165.06	179.59	199.79	161.08	Yes
GALLSMDALDLTDK	0.99	27.75	28.03	19.63	3	1749.9445	1749.9426	584.3215	0.0019	1.0839	16.04	11.59	5.06	13.07	No
GALLSMDALDLTDK	0.99	29.03	27.91	18.98	3	1749.9448	1749.9426	584.3215	0.0022	1.2550	9.27	4.61	3.88	1.44	No
VTNVEWLLDALYGK	1.00	71.44	27.47	19.61	2	1763.9596	1763.9580	882.9863	0.0016	0.9060	165.34	185.51	231.04	394.05	Yes
VTNVEWLLDALYGK	1.00	70.23	27.63	23.02	2	1763.9612	1763.9580	882.9863	0.0032	1.8120	68.70	57.73	56.17	100.53	Yes
VTNVEWLLDALYGK	1.00	35.02	25.91	16.41	3	1908.0610	1908.0600	637.0273	0.0010	0.5233	42.26	37.51	39.85	33.08	Yes
VTNVEWLLDALYGK	0.96	20.48	25.99	16.39	3	1908.0616	1908.0600	637.0273	0.0016	0.8372	44.53	29.30	50.91	36.36	No
VTNVEWLLDALYGK	1.00	37.95	26.00	20.08	3	1908.0622	1908.0600	637.0273	0.0022	1.1512	46.81	40.68	59.52	51.00	Yes
VTNVEWLLDALYGK	1.00	28.80	26.09	23.47	3	1908.0625	1908.0600	637.0273	0.0025	1.3082	35.03	14.94	28.25	21.73	No
VTNVEWLLDALYGK	1.00	31.23	25.99	24.40	3	1908.0631	1908.0600	637.0273	0.0031	1.6221	40.38	39.20	54.56	50.94	Yes
VTNVEWLLDALYGK	1.00	34.81	25.99	28.86	3	1908.0631	1908.0600	637.0273	0.0031	1.6221	35.62	26.47	30.68	39.59	No
DAILDALENLTAEELK	1.00	75.27	26.58	23.78	3	2045.1148	2045.1135	682.7118	0.0013	0.6347	54.72	40.98	56.87	61.82	Yes
DAILDALENLTAEELK	1.00	85.03	26.52	22.80	3	2045.1160	2045.1135	682.7118	0.0025	1.2206	39.60	45.02	68.89	59.56	Yes
DAILDALENLTAEELKK	1.00	55.12	21.43	22.23	3	2317.3141	2317.3106	773.4441	0.0035	1.5084	422.46	500.01	650.85	587.78	Yes
DAILDALENLTAEELKK	1.00	61.48	21.43	22.10	3	2317.3141	2317.3106	773.4441	0.0035	1.5084	222.63	282.30	338.96	341.04	Yes

DAILDALENLTAEELKK	1.00	39.56	21.30	21.89	4	2317.3169	2317.3106	580.3349	0.0063	2.7139	47.09	59.66	77.04	57.21	Yes
VTNVEWLLDALYGK	1.00	79.01	27.54	23.33	2	1763.9630	1763.9580	882.9863	0.0050	2.8313	28.88	32.46	36.80	33.73	No
DAILDALENLTAEELK	1.00	72.70	26.57	20.86	3	2045.1127	2045.1135	682.7118	-0.0008	-0.3906	23.41	55.14	62.24	59.33	No
DAILDALENLTAEELK	1.00	68.89	26.64	22.07	3	2045.1142	2045.1135	682.7118	0.0007	0.3418	33.42	57.33	41.85	43.94	Yes
DAILDALENLTAEELKK	0.52	63.04	21.85	76.04	3	2317.3114	2317.3106	773.4441	0.0008	0.3448	137.83	169.99	196.29	230.08	Yes
DAILDALENLTAEELKK	1.00	56.25	21.37	20.87	3	2317.3165	2317.3106	773.4441	0.0059	2.5427	100.26	144.04	143.62	118.32	Yes
DAILDALENLTAEELK	1.00	61.14	26.51	20.03	3	2045.1163	2045.1135	682.7118	0.0028	1.3671	24.18	23.91	31.02	25.77	No
VTNVEWLLDALYGK	0.52	47.81	26.12	60.81	3	1908.0604	1908.0600	637.0273	0.0004	0.2093	6.63	11.27	9.13	6.43	No
VTNVEWLLDALYGK	1.00	62.88	25.99	38.07	3	1908.0631	1908.0600	637.0273	0.0031	1.6221	10.18	27.13	17.97	19.70	No
VTNVEWLLDALYGK	1.00	43.45	25.99	21.60	3	1908.0634	1908.0600	637.0273	0.0034	1.7791	15.00	17.29	21.55	20.96	No
VTNVEWLLDALYGK	1.00	46.73	26.05	27.97	3	1908.0637	1908.0600	637.0273	0.0037	1.9361	19.43	16.44	15.69	20.68	No
VTNVEWLLDALYGK	1.00	43.18	25.79	29.79	3	1908.0661	1908.0600	637.0273	0.0061	3.1919	33.15	30.83	26.72	31.69	No
VTNVEWLLDALYGK	1.00	47.90	27.66	26.26	3	1763.9611	1763.9580	588.9933	0.0031	1.7544	14.04	10.21	8.44	9.63	No
VTNVEWLLDALYGK	1.00	56.85	27.63	25.39	3	1763.9644	1763.9580	588.9933	0.0064	3.6220	10.79	2.78	8.78	10.38	No
VTNVEWLLDALYGK	1.00	42.76	26.03	20.70	3	1908.0574	1908.0600	637.0273	-0.0026	-1.3605	16.93	15.57	8.24	21.64	No
VTNVEWLLDALYGK	1.00	40.79	26.03	18.40	3	1908.0574	1908.0600	637.0273	-0.0026	-1.3605	8.61	8.84	4.07	8.99	No
VTNVEWLLDALYGK	1.00	49.06	26.06	17.25	3	1908.0607	1908.0600	637.0273	0.0007	0.3663	22.57	16.46	20.11	7.13	No
VTNVEWLLDALYGK	0.98	23.67	26.04	17.50	3	1908.0613	1908.0600	637.0273	0.0013	0.6802	4.56	14.31	8.10	9.31	No
VTNVEWLLDALYGK	1.00	54.42	26.09	43.05	3	1908.0625	1908.0600	637.0273	0.0025	1.3082	20.42	25.06	11.85	13.74	No
VTNVEWLLDALYGK	1.00	47.38	26.09	27.29	3	1908.0625	1908.0600	637.0273	0.0025	1.3082	36.56	19.62	18.38	27.27	No
VTNVEWLLDALYGK	1.00	47.40	25.99	34.34	3	1908.0634	1908.0600	637.0273	0.0034	1.7791	13.41	17.84	14.83	20.77	No
VTNVEWLLDALYGK	1.00	55.36	26.05	28.01	3	1908.0637	1908.0600	637.0273	0.0037	1.9361	17.72	6.64	15.00	16.17	No
VTNVEWLLDALYGK	1.00	36.05	26.02	26.37	3	1908.0640	1908.0600	637.0273	0.0040	2.0931	8.89	17.04	7.70	12.02	No
VTNVEWLLDALYGK	1.00	36.66	25.95	18.58	3	1908.0643	1908.0600	637.0273	0.0043	2.2500	28.29	29.20	45.28	36.14	No
VTNVEWLLDALYGK	0.88	22.53	26.00	21.46	3	1908.0652	1908.0600	637.0273	0.0052	2.7210	13.32	9.95	10.68	10.69	No
VTNVEWLLDALYGK	1.00	45.01	25.79	27.86	3	1908.0664	1908.0600	637.0273	0.0064	3.3489	15.64	12.21	28.66	26.94	No
VTNVEWLLDALYGK	1.00	40.15	25.79	24.88	3	1908.0664	1908.0600	637.0273	0.0064	3.3489	22.24	22.81	21.89	15.27	No
LLSVPLR	0.97	27.66	18.06	30.41	2	940.6180	940.6191	471.3168	-0.0011	-1.1669	347.85	375.95	392.49	412.15	Yes
VTNVEWLLDALYGK	1.00	39.26	27.57	19.21	3	1763.9593	1763.9580	588.9933	0.0013	0.7357	8.67	1.70	4.21	5.08	No
VTNVEWLLDALYGK	1.00	32.21	27.62	20.01	3	1763.9605	1763.9580	588.9933	0.0025	1.4148	291.31	173.24	187.96	252.36	Yes
VTNVEWLLDALYGK	1.00	77.68	27.67	28.79	2	1763.9606	1763.9580	882.9863	0.0026	1.4723	6.22	0.00	0.00	1.16	No
VTNVEWLLDALYGK	1.00	47.63	26.12	19.16	3	1908.0592	1908.0600	637.0273	-0.0008	-0.4186	8.63	8.32	8.16	15.65	No
VTNVEWLLDALYGK	1.00	39.77	26.06	17.02	3	1908.0607	1908.0600	637.0273	0.0007	0.3663	10.57	14.42	5.80	11.70	No
VTNVEWLLDALYGK	1.00	46.96	26.04	34.23	3	1908.0613	1908.0600	637.0273	0.0013	0.6802	8.95	23.57	10.31	23.06	No
VTNVEWLLDALYGK	0.91	28.73	25.99	35.42	3	1908.0616	1908.0600	637.0273	0.0016	0.8372	15.68	10.40	7.43	5.38	No
VTNVEWLLDALYGK	1.00	39.26	25.99	28.68	3	1908.0619	1908.0600	637.0273	0.0019	0.9942	10.26	17.27	15.01	16.75	No
VTNVEWLLDALYGK	0.99	26.03	26.00	16.84	3	1908.0622	1908.0600	637.0273	0.0022	1.1512	7.95	10.72	7.96	15.33	No
VTNVEWLLDALYGK	1.00	55.55	26.00	28.21	3	1908.0622	1908.0600	637.0273	0.0022	1.1512	9.10	15.25	14.35	17.06	No
VTNVEWLLDALYGK	1.00	68.11	26.03	31.22	2	1908.0624	1908.0600	955.0373	0.0024	1.2565	3084.68	3189.22	3882.07	3283.68	Yes
VTNVEWLLDALYGK	1.00	33.98	25.99	23.42	3	1908.0631	1908.0600	637.0273	0.0031	1.6221	9.02	13.83	14.22	10.23	No
VTNVEWLLDALYGK	1.00	70.75	25.99	28.57	2	1908.0632	1908.0600	955.0373	0.0032	1.6753	5333.62	5554.79	8356.68	6820.41	Yes
VTNVEWLLDALYGK	0.99	28.29	25.99	16.25	3	1908.0634	1908.0600	637.0273	0.0034	1.7791	12.37	15.91	19.57	18.84	No
VTNVEWLLDALYGK	1.00	52.15	25.99	26.24	3	1908.0634	1908.0600	637.0273	0.0034	1.7791	10.69	23.66	10.16	15.30	No
VTNVEWLLDALYGK	1.00	40.70	26.05	32.19	3	1908.0637	1908.0600	637.0273	0.0037	1.9361	11.30	13.40	11.81	18.00	No
VTNVEWLLDALYGK	1.00	45.62	25.97	34.92	3	1908.0646	1908.0600	637.0273	0.0046	2.4070	3341.97	4335.40	6629.74	6674.36	Yes
VTNVEWLLDALYGK	1.00	45.51	25.74	34.04	3	1908.0673	1908.0600	637.0273	0.0073	3.8198	13.66	21.84	18.32	20.42	No
VTNVEWLLDALYGK	1.00	56.11	25.83	30.08	3	1908.0682	1908.0600	637.0273	0.0082	4.2907	1495.16	1987.46	1925.59	1711.70	Yes
VTNVEWLLDALYGK	1.00	33.27	27.48	17.66	3	1763.9596	1763.9580	588.9933	0.0016	0.9055	40.72	15.37	22.95	42.33	No
VTNVEWLLDALYGK	1.00	68.36	27.47	25.98	2	1763.9622	1763.9580	882.9863	0.0042	2.3783	0.00	1.42	3.19	2.53	No
VTNVEWLLDALYGK	1.00	44.54	27.57	23.10	3	1763.9635	1763.9580	588.9933	0.0055	3.1126	7.77	6.58	8.91	8.67	No
VTNVEWLLDALYGK	1.00	72.86	27.58	36.91	2	1763.9656	1763.9580	882.9863	0.0076	4.3036	3.19	1.06	0.00	0.00	No
VTNVEWLLDALYGK	0.99	26.96	26.13	18.27	3	1908.0601	1908.0600	637.0273	0.0001	0.0523	16.25	18.22	11.97	10.36	No
VTNVEWLLDALYGK	1.00	44.84	26.13	21.87	3	1908.0601	1908.0600	637.0273	0.0001	0.0523	16.12	22.66	11.85	13.30	No
VTNVEWLLDALYGK	1.00	44.32	26.06	17.98	3	1908.0607	1908.0600	637.0273	0.0007	0.3663	13.58	14.26	10.57	14.20	No
VTNVEWLLDALYGK	1.00	46.40	26.00	25.35	3	1908.0622	1908.0600	637.0273	0.0022	1.1512	8.67	9.75	3.11	16.72	No
VTNVEWLLDALYGK	1.00	42.21	26.09	26.20	3	1908.0625	1908.0600	637.0273	0.0025	1.3082	17.63	24.00	20.85	10.10	No
VTNVEWLLDALYGK	1.00	61.18	26.09	34.68	3	1908.0625	1908.0600	637.0273	0.0025	1.3082	8.87	17.36	8.61	9.21	No
VTNVEWLLDALYGK	1.00	68.45	26.09	30.35	2	1908.0626	1908.0600	955.0373	0.0026	1.3612	2453.80	3066.30	3509.50	3120.48	Yes
VTNVEWLLDALYGK	1.00	51.33	25.99	33.06	3	1908.0631	1908.0600	637.0273	0.0031	1.6221	15.39	22.83	13.04	9.02	No
VTNVEWLLDALYGK	1.00	61.41	26.05	30.89	3	1908.0637	1908.0600	637.0273	0.0037	1.9361	2898.83	3127.61	3020.84	3549.84	Yes
VTNVEWLLDALYGK	1.00	59.05	26.02	35.82	3	1908.0640	1908.0600	637.0273	0.0040	2.0931	910.88	1387.72	1551.81	1584.25	Yes
VTNVEWLLDALYGK	1.00	61.53	26.02	41.76	3	1908.0640	1908.0600	637.0273	0.0040	2.0931	14.41	14.38	17.35	16.70	No
VTNVEWLLDALYGK	1.00	61.56	26.02	39.61	3	1908.0640	1908.0600	637.0273	0.0040	2.0931	14.33	23.07	20.52	20.55	No
VTNVEWLLDALYGK	1.00	45.80	26.02	34.07	3	1908.0640	1908.0600	637.0273	0.0040	2.0931	19.84	14.45	20.25	11.08	No
VTNVEWLLDALYGK	1.00	67.73	26.02	27.91	2	1908.0640	1908.0600	955.0373	0.0040	2.0942	557.15	747.92	886.98	1113.41	Yes
VTNVEWLLDALYGK	0.94	24.79	25.88	15.86	3	1908.0655	1908.0600	637.0273	0.0055	2.8779	5.55	20.67	4.35	7.84	No
VTNVEWLLDALYGK	0.84	36.09	25.74	36.36	3	1908.0673	1908.0600	637.0273	0.0073	3.8198	19.00	9.80	6.17	8.69	No
VTNVEWLLDALYGKVLTDEQYQAVR	1.00	36.74	23.91	49.74	4	3210.7221	3210.7168	803.6865	0.0053	1.6487	5.23	9.72	10.49	18.88	No
DLLLQALR	1.00	34.93	21.49	29.44	2	1084.6728	1084.6726	543.3436	0.0002	0.1840	3038.37	2326.44	2705.27	3260.66	Yes
VTNVEWLLDALYGK	0.99	29.57	27.66	17.83	3	1763.9608	1763.9580	588.9933	0.0028	1.5846	13.79	15.69	11.05	10.53	No
VTNVEWLLDALYGK	1.00	61.93	27.56	25.36	2	1763.9628	1763.9580	882.9863	0.0048	2.7180	0.00	0.00	5.68	2.39	No
VTNVEWLLDALYGK	0.60	13.17	26.09	14.13	3	1908.0625	1908.0600	637.0273	0.0025	1.3082	9.63	7.69	7.39	5.07	No
VTNVEWLLDALYGK	1.00	69.83	26.05	34.65	3	1908.0637	1908.0600	637.0273	0.0037	1.9361	755.66	803.95	807.59	827.14	Yes
VTNVEWLLDALYGK	0.68	16.51	26.02	15.97	3	1908.0640	1908.0600	637.0273	0.0040	2.0931	4.11	4.93	1.12	5.42	No
VTNVEWLLDALYGK	1.00	71.24	25.97	38.66	2	1908.0642	1908.0600	955.0373	0.0042	2.1989	2851.56	3237.95	3240.20	3934.33	Yes
VTNVEWLLDALYGK	1.00	44.88	25.97	27.93	3	1908.0646	1908.0600	637.0273	0.0046	2.4070	817.76	663.56	997.22	988.07	Yes
VTNVEWLLDALYGK	1.00	66.62	25.94	29.29	2	1908.0648	1908.0600	955.0373	0.0048	2.5130	864.01	939.11	1074.37	1237.10	Yes
VTNVEWLLDALYGK	0.63	18.89	25.85	15.64	3	1908.0658	1908.0600	637.0273	0.0058	3.0349	7.45	4.18	13.51	13.14	No

VTNVEWLLDALYGKVLTDEQYQAVR	1.00	46.91	23.96	17.02	4	3210.7205	3210.7168	803.6865	0.0037	1.1509	6.01	10.18	17.70	11.87	No
GALLSMDALDLTDKLVSFYLETYGAELTANVLR	1.00	44.81	22.62	18.78	4	3890.0605	3890.0630	973.5230	-0.0025	-0.6420	3.49	7.18	6.99	3.72	No
VTNVEWLLDALYGK	0.97	24.12	27.62	17.31	3	1763.9605	1763.9580	588.9933	0.0025	1.4148	9.29	6.52	10.14	10.15	No
VTNVEWLLDALYGK	1.00	34.90	27.47	17.06	3	1763.9626	1763.9580	588.9933	0.0046	2.6033	6.62	8.19	10.49	6.11	No
VTNVEWLLDALYGK	1.00	99.79	27.22	31.47	2	1763.9728	1763.9580	882.9863	0.0148	8.3806	3.43	3.84	4.16	3.98	No
VTNVEWLLDALYGK	1.00	56.51	26.00	31.85	3	1908.0622	1908.0600	637.0273	0.0022	1.1512	301.18	334.44	386.70	491.56	Yes
VTNVEWLLDALYGK	1.00	74.04	26.05	29.43	2	1908.0636	1908.0600	955.0373	0.0036	1.8847	56.75	53.55	68.93	79.09	Yes
VTNVEWLLDALYGK	1.00	73.11	25.85	36.49	2	1908.0658	1908.0600	955.0373	0.0058	3.0365	24.20	21.96	34.88	18.08	No
LVSFYLETYGAELTANVLR	1.00	144.29	26.75	28.40	2	2302.2294	2302.2331	1152.1238	-0.0037	-1.6057	3.23	6.33	1.58	7.08	No
GALLSMDALDLTDKLVSFYLETYGAELTANVLR	1.00	45.41	22.43	58.41	4	3890.0617	3890.0630	973.5230	-0.0013	-0.3338	147.30	144.46	151.23	272.71	Yes
GALLSMDALDLTDKLVSFYLETYGAELTANVLR	1.00	66.95	22.43	79.95	4	3890.0621	3890.0630	973.5230	-0.0009	-0.2311	16.13	4.51	29.33	24.35	No
GALLSMDALDLTDKLVSFYLETYGAELTANVLR	1.00	73.76	23.12	17.90	3	3906.0562	3906.0580	1303.0266	-0.0018	-0.4605	0.00	0.00	0.00	2.17	No
GALLSMDALDLTDKLVSFYLETYGAELTANVLR	1.00	48.75	22.90	61.75	4	3906.0597	3906.0580	977.5218	0.0017	0.4348	0.00	18.49	22.79	0.00	No
GALLSMDALDLTDKLVSFYLETYGAELTANVLR	1.00	52.53	22.90	65.53	4	3906.0601	3906.0580	977.5218	0.0021	0.5371	0.00	0.00	0.00	16.84	No
AEPTNPSKMR	0.99	35.22	27.70	23.09	3	1273.6576	1273.6570	425.5596	0.0006	0.4700	13.49	10.59	20.08	13.09	No
AEPTNPSKMR	1.00	45.55	27.70	22.92	3	1273.6576	1273.6570	425.5596	0.0006	0.4700	10.20	16.73	12.30	12.05	No
VTNVEWLLDALYGK	1.00	89.46	27.54	25.98	2	1763.9630	1763.9580	882.9863	0.0050	2.8313	39.02	32.50	20.44	32.10	No
VTNVEWLLDALYGK	1.00	91.74	27.67	22.91	2	1763.9646	1763.9580	882.9863	0.0066	3.7373	30.69	27.19	31.00	33.36	No
VTNVEWLLDALYGK	1.00	57.10	25.97	36.00	3	1908.0646	1908.0600	637.0273	0.0046	2.4070	220.74	229.15	296.49	255.17	Yes
VTNVEWLLDALYGK	1.00	87.71	25.79	42.92	2	1908.0660	1908.0600	955.0373	0.0060	3.1412	92.57	71.88	134.31	94.99	Yes
VTNVEWLLDALYGK	1.00	72.54	25.79	31.56	2	1908.0666	1908.0600	955.0373	0.0066	3.4554	78.71	108.20	66.52	123.39	Yes
LVSFYLETYGAELTANVLR	1.00	109.15	26.49	24.78	2	2302.2334	2302.2331	1152.1238	0.0003	0.1302	85.28	107.08	128.90	84.67	Yes
LVSFYLETYGAELTANVLR	0.80	99.71	26.49	112.71	2	2302.2334	2302.2331	1152.1238	0.0003	0.1302	113.15	202.92	137.52	187.54	Yes
LVSFYLETYGAELTANVLR	1.00	45.24	26.24	22.38	3	2302.2379	2302.2331	768.4183	0.0048	2.0822	0.00	8.23	0.00	0.00	No
LVSFYLETYGAELTANVLR	1.00	58.57	26.06	21.58	3	2302.2388	2302.2331	768.4183	0.0057	2.4726	0.00	9.12	30.40	0.00	No
GALLSMDALDLTDKLVSFYLETYGAELTANVLR	1.00	51.43	22.38	64.43	4	3890.0689	3890.0630	973.5230	0.0059	1.5151	9.80	16.84	0.00	33.17	No
GALLSMDALDLTDKLVSFYLETYGAELTANVLR	1.00	53.95	22.86	66.95	4	3906.0609	3906.0580	977.5218	0.0029	0.7417	5.77	3.73	0.00	0.00	No
GALLSMDALDLTDKLVSFYLETYGAELTANVLR	1.00	56.48	22.81	69.48	4	3906.0613	3906.0580	977.5218	0.0033	0.8440	3.37	1.78	4.38	1.30	No
VTNVEWLLDALYGK	1.00	87.90	27.54	20.38	2	1763.9630	1763.9580	882.9863	0.0050	2.8313	38.92	22.74	25.58	21.10	No
VTNVEWLLDALYGK	1.00	56.51	26.09	34.35	3	1908.0628	1908.0600	637.0273	0.0028	1.4651	41.43	42.15	35.36	50.31	Yes
VTNVEWLLDALYGK	1.00	44.20	26.05	21.87	3	1908.0637	1908.0600	637.0273	0.0037	1.9361	2.92	1.62	3.68	5.23	No
VTNVEWLLDALYGK	1.00	81.03	25.79	28.77	2	1908.0660	1908.0600	955.0373	0.0060	3.1412	53.40	66.35	75.20	83.30	Yes
VTNVEWLLDALYGK	1.00	68.56	25.79	30.69	2	1908.0664	1908.0600	955.0373	0.0064	3.3506	57.34	78.69	101.52	90.64	Yes
LVSFYLETYGAELTANVLR	1.00	104.48	26.37	21.97	2	2302.2354	2302.2331	1152.1238	0.0023	0.9982	73.73	107.69	187.04	115.69	Yes
LVSFYLETYGAELTANVLR	1.00	119.23	26.37	22.84	2	2302.2354	2302.2331	1152.1238	0.0023	0.9982	16.31	31.08	28.91	20.61	No
LVSFYLETYGAELTANVLR	1.00	78.63	26.37	19.36	2	2302.2354	2302.2331	1152.1238	0.0023	0.9982	239.57	364.40	427.33	295.09	Yes
LVSFYLETYGAELTANVLR	1.00	131.89	26.26	26.31	2	2302.2374	2302.2331	1152.1238	0.0043	1.8661	31.45	24.22	34.62	33.38	No
LVSFYLETYGAELTANVLR	1.00	56.96	25.97	19.85	3	2302.2412	2302.2331	768.4183	0.0081	3.5137	327.19	567.36	715.40	613.12	Yes
GALLSMDALDLTDKLVSFYLETYGAELTANVLR	1.00	56.10	23.46	39.80	4	3745.9677	3745.9610	937.4975	0.0067	1.7867	3.99	0.00	4.03	1.25	No
GALLSMDALDLTDKLVSFYLETYGAELTANVLR	1.00	56.33	22.33	69.33	4	3890.0777	3890.0630	973.5230	0.0147	3.7749	625.19	470.23	1040.20	354.48	No
GALLSMDALDLTDKLVSFYLETYGAELTANVLR	1.00	51.31	22.83	64.31	4	3906.0625	3906.0580	977.5218	0.0045	1.1509	4.08	0.00	0.00	4.22	No
GALLSMDALDLTDKLVSFYLETYGAELTANVLR	1.00	60.57	22.79	16.96	4	3906.0633	3906.0580	977.5218	0.0053	1.3555	0.00	3.48	9.08	7.02	No
VTNVEWLLDALYGK	1.00	90.07	27.54	21.21	2	1763.9630	1763.9580	882.9863	0.0050	2.8313	21.47	14.21	13.24	15.68	No
VTNVEWLLDALYGK	1.00	82.31	27.67	23.65	2	1763.9646	1763.9580	882.9863	0.0066	3.7373	35.20	19.95	24.12	42.30	No
VTNVEWLLDALYGK	1.00	47.53	25.99	27.91	3	1908.0634	1908.0600	637.0273	0.0034	1.7791	244.13	293.16	314.42	333.22	Yes
VTNVEWLLDALYGK	1.00	44.93	26.00	26.36	3	1908.0652	1908.0600	637.0273	0.0052	2.7210	152.50	159.38	181.98	217.79	Yes
LVSFYLETYGAELTANVLR	1.00	114.10	26.37	22.47	2	2302.2354	2302.2331	1152.1238	0.0023	0.9982	101.79	115.39	123.16	117.83	Yes
LVSFYLETYGAELTANVLR	0.56	104.55	26.37	117.55	2	2302.2354	2302.2331	1152.1238	0.0023	0.9982	65.44	95.32	94.18	117.11	Yes
LVSFYLETYGAELTANVLR	1.00	62.62	26.33	20.78	3	2302.2364	2302.2331	768.4183	0.0033	1.4315	4.07	0.00	0.00	7.23	No
LVSFYLETYGAELTANVLR	1.00	50.96	26.28	18.89	3	2302.2370	2302.2331	768.4183	0.0039	1.6918	0.00	16.02	0.00	12.17	No
AEPTNPSK	1.00	41.16	27.36	23.98	2	1130.6172	1130.6175	566.3160	-0.0003	-0.2649	100.01	141.19	110.66	133.48	Yes
AEPTNPSKMR	0.76	23.68	27.70	17.77	3	1273.6576	1273.6570	425.5596	0.0006	0.4700	8.79	0.00	10.95	8.75	No
VLTDEQYQAVR	1.00	43.88	28.38	23.61	2	1464.7706	1464.7694	733.3920	0.0012	0.8181	31.50	40.87	45.81	42.72	Yes
VTNVEWLLDALYGK	1.00	52.14	26.00	26.21	3	1908.0622	1908.0600	637.0273	0.0022	1.1512	5.04	18.84	6.91	15.29	No
VTNVEWLLDALYGK	1.00	62.98	26.02	38.24	3	1908.0640	1908.0600	637.0273	0.0040	2.0931	15.66	24.19	13.92	20.32	No
AEPTNPSK	1.00	54.78	27.38	24.03	2	1130.6168	1130.6175	566.3160	-0.0007	-0.6180	41.70	59.25	80.36	60.72	Yes
AEPTNPSK	1.00	52.69	27.36	23.09	2	1130.6172	1130.6175	566.3160	-0.0003	-0.2649	39.46	61.79	45.57	54.40	Yes
VTNVEWLLDALYGK	1.00	42.74	26.13	22.51	3	1908.0595	1908.0600	637.0273	-0.0005	-0.2616	16.97	21.86	24.02	17.86	No
VTNVEWLLDALYGK	1.00	48.09	25.99	33.27	3	1908.0634	1908.0600	637.0273	0.0034	1.7791	38.60	23.96	28.67	35.22	No
LLSVPLR	0.96	18.74	18.06	19.21	2	940.6202	940.6191	471.3168	0.0011	1.1669	14.94	26.66	20.91	11.23	No
LLSVPLR	0.72	15.57	18.06	28.57	2	940.6204	940.6191	471.3168	0.0013	1.3791	35.13	24.05	18.64	27.75	No
AEPTNPSK	1.00	55.31	27.36	23.35	2	1130.6166	1130.6175	566.3160	-0.0009	-0.7946	129.87	131.29	153.43	150.94	Yes
AEPTNPSK	1.00	52.71	27.36	22.95	2	1130.6172	1130.6175	566.3160	-0.0003	-0.2649	158.19	207.05	181.55	160.11	Yes
VLTDEQYQAVR	1.00	63.72	28.14	23.39	2	1464.7672	1464.7694	733.3920	-0.0022	-1.4999	42.42	43.26	61.94	55.47	Yes
VLTDEQYQAVR	1.00	57.61	28.16	23.58	2	1464.7682	1464.7694	733.3920	-0.0012	-0.8181	36.84	65.30	66.06	49.47	Yes
VTNVEWLLDALYGK	0.99	24.98	25.99	19.83	3	1908.0616	1908.0600	637.0273	0.0016	0.8372	4.99	12.48	8.36	14.85	No
VTNVEWLLDALYGK	1.00	45.10	26.09	32.45	3	1908.0628	1908.0600	637.0273	0.0028	1.4651	15.91	19.93	29.30	37.87	No
LLSVPLR	0.74	21.11	18.06	34.11	2	940.6180	940.6191	471.3168	-0.0011	-1.1669	9.10	28.86	19.03	10.65	No
LLSVPLR	0.87	13.64	18.06	21.96	2	940.6186	940.6191	471.3168	-0.0005	-0.5304	15.23	17.45	10.30	20.09	No
LLSVPLR	0.80	13.48	18.06	26.48	2	940.6190	940.6191	471.3168	-0.0001	-0.1061	21.16	23.05	18.82	16.13	No
LLSVPLR	0.98	20.94	18.06	19.89	2	940.6196	940.6191	471.3168	0.0005	0.5304	9.76	23.70	20.78	21.35	No
LLSVPLR	0.97	18.45	18.06	18.47	2	940.6196	940.6191	471.3168	0.0005	0.5304	13.69	20.98	18.63	21.73	No
LLSVPLR	0.98	20.59	18.06	23.79	2	940.6196	940.6191	471.3168	0.0005	0.5304	16.85	40.66	16.22	12.33	No
LLSVPLR	0.72	11.96	18.06	24.96	2	940.6202	940.6191	471.3168	0.0011	1.1669	15.50	19.89	25.29	13.30	No
LLSVPLR	0.96	17.10	18.06	15.26	2	940.6188	940.6191	471.3168	-0.0003	-0.3183	112.81	173.57	129.27	137.54	Yes
LLSVPLR	0.98	20.28	18.06	22.86	2	940.6190	940.6191	471.3168	-0.0001	-0.1061	210.92	280.30	292.69	244.00	Yes
LLSVPLR	1.00	30.00	18.06	24.86	2	940.6192	940.6191	471.3168	0.0001	0.1061	210.55	281.14	282.89	295.54	Yes
LLSVPLR	1.00	30.70	18.06	24.06	2	940.6200	940.6191	471.3168	0.0009	0.9548	104.52	136.01	154.87	131.47	Yes

													GALLSMDALDLTDKLVSFYLETYGAELTANVLR	1.00	33.87	22.04	46.87	4	3890.0797	3890.0630	973.5230	0.0167	4.2885	0.00	3.20	0.00	1.67	No
													LLSVPLR	0.98	27.58	18.06	29.46	2	940.6184	940.6191	471.3168	-0.0007	-0.7426	15.16	13.55	18.80	23.95	No
													LLSVPLR	0.95	16.25	18.06	15.88	2	940.6188	940.6191	471.3168	-0.0003	-0.3183	118.18	152.65	168.03	159.73	Yes
													LLSVPLR	0.92	14.52	18.06	18.75	2	940.6190	940.6191	471.3168	-0.0001	-0.1061	98.93	95.26	108.61	135.20	Yes
													LLSVPLR	0.82	10.68	18.06	16.04	2	940.6192	940.6191	471.3168	0.0001	0.1061	22.43	38.16	25.77	19.21	No
													LLSVPLR	1.00	29.86	18.06	16.27	2	940.6194	940.6191	471.3168	0.0003	0.3183	452.78	522.79	549.56	539.86	Yes
													LLSVPLR	0.99	25.72	18.06	15.07	2	940.6198	940.6191	471.3168	0.0007	0.7426	1498.74	1939.27	2035.79	1856.50	Yes
													LLSVPLR	0.56	19.36	18.33	32.36	2	940.6214	940.6191	471.3168	0.0023	2.4400	14.24	22.50	17.45	24.21	No
													LLSVPLR	0.98	25.56	18.33	15.52	2	940.6214	940.6191	471.3168	0.0023	2.4400	18.84	17.79	31.81	20.17	No
													LLSVPLR	0.88	17.48	18.33	16.42	2	940.6216	940.6191	471.3168	0.0025	2.6521	25.28	29.87	27.76	18.74	No
													LLSVPLR	0.99	30.21	18.33	21.60	2	940.6216	940.6191	471.3168	0.0025	2.6521	22.10	17.47	23.71	14.16	No
													LLSVPLR	1.00	28.12	18.06	19.18	2	940.6190	940.6191	471.3168	-0.0001	-0.1061	489.26	454.94	460.95	500.71	Yes
													LLSVPLR	0.99	24.38	18.06	16.51	2	940.6192	940.6191	471.3168	0.0001	0.1061	3679.09	4872.91	5435.68	4885.44	Yes
													LLSVPLR	1.00	28.87	18.06	23.06	2	940.6194	940.6191	471.3168	0.0003	0.3183	1358.78	1360.68	1376.50	1317.82	Yes
													LLSVPLR	0.93	15.22	18.06	14.10	2	940.6196	940.6191	471.3168	0.0005	0.5304	297.70	349.67	372.41	322.99	Yes
													LLSVPLR	0.91	18.84	18.33	14.53	2	940.6210	940.6191	471.3168	0.0019	2.0156	27.79	40.11	34.64	24.66	No
													VLTDEQYQAVR	1.00	56.05	28.16	25.85	2	1464.7670	1464.7694	733.3920	-0.0024	-1.6362	17.73	24.84	30.67	20.30	No
													LLSVPLREGYGR	0.63	20.69	26.55	16.13	3	1502.8693	1502.8691	501.9636	0.0002	0.1328	238.13	476.18	559.67	373.81	Yes
													VTNVEWLLDALYGK	0.52	14.06	26.04	27.06	3	1908.0613	1908.0600	637.0273	0.0013	0.6802	7.70	14.28	11.28	12.26	No
													LLSVPLR	1.00	27.52	18.06	17.05	2	940.6188	940.6191	471.3168	-0.0003	-0.3183	1670.96	2235.88	2389.25	2209.93	Yes
													LLSVPLR	1.00	28.85	18.06	17.23	2	940.6192	940.6191	471.3168	0.0001	0.1061	4614.81	5826.71	6208.40	5829.62	Yes
													LLSVPLR	1.00	29.97	18.06	18.80	2	940.6194	940.6191	471.3168	0.0003	0.3183	781.11	1117.96	1146.81	1081.14	Yes
													LLSVPLR	1.00	26.17	18.06	15.50	2	940.6196	940.6191	471.3168	0.0005	0.5304	903.33	1270.34	1358.27	1168.28	Yes
PYGB	P11216	Glycogen phosphorylase, brain	1.00	2	3.3	-	-	-	-	-	-	0	LQDFNVGDYIEAVLDR	1.00	67.57	27.32	24.51	3	2010.0187	2010.0180	671.0133	0.0007	0.3477	9.12	14.37	17.50	13.40	No
													LQDFNVGDYIEAVLDR	1.00	58.38	27.45	20.87	3	2010.0205	2010.0180	671.0133	0.0025	1.2419	8.72	10.14	14.54	27.70	No
													LQDFNVGDYIEAVLDR	1.00	43.83	27.36	16.01	3	2010.0211	2010.0180	671.0133	0.0031	1.5400	12.92	15.69	9.47	14.98	No
													LLPLVSDEVFIR	1.00	34.38	24.91	28.23	2	1543.9082	1543.9096	772.9621	-0.0014	-0.9056	43.02	43.72	28.13	48.05	No
RAB10	P61026	Ras-related protein Rab-10	1.00	2	11.5	1.26	0.58	1.88	0.67	1.58	0.62	2	NIDEHANEDVER	0.52	34.14	25.09	47.14	3	1583.7301	1583.7297	528.9172	0.0004	0.2521	184.50	278.20	200.16	346.38	Yes
													AFLTLAEDILR	1.00	74.25	26.89	22.18	2	1404.8106	1404.8098	703.4122	0.0008	0.5687	121.10	288.98	230.81	341.81	Yes
RAN	P62826	GTP-binding nuclear protein Ran	1.00	4	25.5	0.90	0.15	0.62	0.06	0.64	0.14	9	LVLVGDGGTGK	0.97	49.08	25.75	42.65	2	1302.7796	1302.7751	652.3948	0.0045	3.4488	155.97	132.64	135.15	103.73	Yes
													LVLVGDGGTGK	0.95	53.81	25.67	47.77	2	1302.7816	1302.7751	652.3948	0.0065	4.9816	7581.21	3903.72	6974.49	5204.71	Yes
													NVPNWHR	0.85	22.50	27.57	19.48	2	1065.5584	1065.5590	533.7868	-0.0006	-0.5620	438.27	387.07	510.59	333.81	Yes
													NVPNWHR	0.88	23.45	27.23	15.87	2	1065.5580	1065.5590	533.7868	-0.0010	-0.9367	959.38	675.65	1002.87	724.15	Yes
													NVPNWHR	0.74	19.68	27.23	17.40	2	1065.5580	1065.5590	533.7868	-0.0010	-0.9367	129.75	106.15	114.54	107.94	Yes
													YVATLGVEVHPLVFHTNR	1.00	56.47	26.04	27.06	4	2195.2009	2195.1973	549.8066	0.0036	1.6369	111.50	71.67	116.00	93.81	Yes
													SIVFHR	0.55	17.90	28.43	23.46	2	901.5266	901.5256	451.7701	0.0010	1.1068	355.54	309.85	379.24	277.61	Yes
													SIVFHR	0.63	19.26	28.43	23.54	2	901.5266	901.5256	451.7701	0.0010	1.1068	298.75	281.97	398.24	248.09	Yes
													SIVFHR	0.73	20.88	28.28	24.80	2	901.5264	901.5256	451.7701	0.0008	0.8854	332.33	281.12	351.62	239.82	Yes
RPA1	P27694	Replication protein A 70 kDa DNA-binding subunit	0.98	2	2.1	0.90	-	0.79	-	0.86	-	1	SYEDATK	0.90	20.07	24.53	16.47	2	956.4576	956.4573	479.2359	0.0003	0.3130	12.09	1.63	5.55	8.97	No
													SYEDATK	0.89	19.60	24.53	16.67	2	956.4576	956.4573	479.2359	0.0003	0.3130	15.26	2.23	6.70	6.05	No
													SYEDATK	0.90	19.86	24.53	16.19	2	956.4572	956.4573	479.2359	-0.0001	-0.1043	9.92	15.93	11.82	9.26	No
													LVMSIR	0.75	20.32	29.15	31.57	2	861.5228	861.5228	431.7687	0.0000	0.0000	720.37	751.51	739.47	689.42	Yes
RPL10	P27635	60S ribosomal protein L10	1.00	3	18.7	0.86	0.06	1.28	0.13	0.94	0.05	7	FNADEFEDMVAEK	0.52	13.43	26.07	26.43	3	1831.8553	1831.8542	611.6253	0.0011	0.5995	56.45	32.00	40.94	51.72	No
													LIPDGCGVK	0.99	37.29	28.69	24.53	2	1234.6666	1234.6657	618.3401	0.0009	0.7278	3220.02	3963.17	3447.06	5844.46	Yes
													GAFGKPQGTVAR	1.00	36.99	27.36	22.58	3	1475.8441	1475.8452	492.9557	-0.0011	-0.7438	3989.24	4625.14	3760.63	6336.81	Yes
													GAFGKPQGTVAR	1.00	33.46	27.52	18.83	3	1475.8447	1475.8452	492.9557	-0.0005	-0.3381	5528.98	6353.60	5103.21	8908.79	Yes
													GAFGKPQGTVAR	0.97	24.93	27.52	20.46	3	1475.8447	1475.8452	492.9557	-0.0005	-0.3381	1889.86	2080.47	1946.28	2852.84	Yes
													GAFGKPQGTVAR	1.00	31.36	27.36	20.68	3	1475.8456	1475.8452	492.9557	0.0004	0.2705	3765.40	3992.43	3493.82	5497.68	Yes
													GAFGKPQGTVAR	1.00	30.65	27.36	20.74	3	1475.8456	1475.8452	492.9557	0.0004	0.2705	927.11	1022.66	944.71	1415.49	Yes
													GAFGKPQGTVAR	1.00	36.16	27.36	22.13	3	1475.8456	1475.8452	492.9557	0.0004	0.2705	953.42	1074.86	892.00	1370.92	Yes
RPL13	P26373	60S ribosomal protein L13	1.00	3	14.2	1.14	0.08	1.29	0.17	1.28	0.24	7	STESLQANVQR	1.00	76.61	28.02	28.25	2	1375.7168	1375.7177	688.8661	-0.0009	-0.6532	31.97	31.45	28.40	44.16	No
													STESLQANVQR	1.00	70.61	28.06	29.21	2	1375.7176	1375.7177	688.8661	-0.0001	-0.0726	21.93	28.87	16.35	43.92	No
													STESLQANVQR	0.77	16.83	28.02	20.44	3	1375.7179	1375.7177	459.5798	0.0002	0.1451	27.21	16.43	27.77	32.92	No
													STESLQANVQR	0.95	21.90	28.05	23.11	3	1375.7191	1375.7177	459.5798	0.0014	1.0154	16.23	20.93	21.74	27.01	No
													AFASLR	0.95	26.92	28.96	30.03	2	807.4726	807.4725	404.7435	0.0001	0.1235	1247.23	2149.78	1632.40	1909.96	Yes
													AFASLR	0.95	27.04	28.96	30.04	2	807.4726	807.4725	404.7435	0.0001	0.1235	3075.59	5554.78	4015.16	5400.45	Yes
													AFASLR	0.97	30.90	28.99	32.83	2	807.4718	807.4725	404.7435	-0.0007	-0.8647	1677.90	2666.67	1981.10	2622.17	Yes
													AFASLR	0.93	27.53	28.99	30.21	2	807.4718	807.4725	404.7435	-0.0007	-0.8647	1456.83	2414.83	1813.16	2487.93	Yes
													LATQLTGPVMPVR	1.00	63.27	25.37	20.70	2	1525.8738	1525.8772	763.9459	-0.0034	-2.2253	443.74	706.50	582.61	770.43	Yes
													LATQLTGPVMPVR	1.00	72.56	25.17	20.67	2	1525.8752	1525.8772	763.9459	-0.0020	-1.3090	350.55	514.91	459.97	533.15	Yes
													LATQLTGPVMPVR	1.00	63.26	25.17	31.01	2	1525.8756	1525.8772	763.9459	-0.0016	-1.0472	40.16	54.53	81.32	70.54	No
													LATQLTGPVMPVR	1.00	70.31	24.79	22.08	2	1525.8764	1525.8772	763.9459	-0.0008	-0.5236	84.94	92.08	121.88	107.17	Yes
RPL13A	P40429	60S ribosomal protein L13a	1.00	3	9.9	1.14	0.29	1.11	0.15	1.26	0.31	3	MVVPAALK	0.95	33.48	23.07	18.43	2	1115.7064	1115.6980	558.8563	0.0084	7.5153	2496.06	2995.37	2540.74	3047.17	Yes
													KVVVVR	0.88	14.86	18.81	18.51	2	986.6832	986.6844	494.3495	-0.0012	-1.2137	82.84	147.62	132.18	126.00	Yes
													FAYLGR	0.51	16.32	24.74	22.96	2	869.4902	869.4881	435.7513	0.0021	2.4096	933.90	1540.65	1304.64	1251.04	Yes
RPL15	P61313	60S ribosomal protein L15	1.00	2	19.6	1.12	0.28	1.12	0.31	1.04	0.18	6	GATYGKPVHHGVNQLK	0.97	19.89	22.38	14.62	3	2137.2115	2137.2122	713.4113	-0.0007	-0.3271	295.48	383.29	395.53	492.57	Yes
													GATYGKPVHHGVNQLK	1.00	18.11	22.33	31.11	4	2137.2129	2137.2122	535.3103	0.0007	0.3269	1103.10	1546.78	1696.34	1921.97	Yes
													GATYGKPVHHGVNQLK	1.00	20.90	22.38	33.90	4	2137.2121	2137.2122	535.3103	-0.0001	-0.0467	363.22	469.54	447.37	547.71	Yes
													RNPDTQWITKPVHK	0.95	16.65	23.05	16.02	4	2151.2233	2151.2278	538.8142	-0.0045	-2.0879	36.18	35.53	30.53	32.04	Yes
													RNPDTQWITKPVHK	1.00	30.40	23.12	43.40	4	2151.2249	2151.2278	538.8142	-0.0029	-1.3455	368.04	543.70	600.20	483.44	Yes
													GATYGKPVHHGVNQLK	1.00	24.23	22.28	37.23	4	2137.2125	2137.2122	535.3103	0.0003	0.1401	245.08	276.79	305.05	312.84	Yes
RPL17	P18621	60S ribosomal protein L17	1.00	3	13.6	0.72	0.11	1.15	0.25	0.97	0.16	5	KSAEFLLHMLK	1.00	33.84	22.94	15.32	4	1748.0385	1748.0384	438.0169	0.0001	0.0571	1593.86	2138.98	1464.78	2898.42	Yes
													KSAEFLLHMLK	1.00	33.74	23.01	16.43	4	1748.0397	1748.0384	438.0169	0.0013	0.7420	338.40	349.25	277.77	452.08	Yes
													QCVPFR	0.58	15.81	25.79	24.14	2	938.4596	938.4588	470.2367	0.0008	0.8506	789.71	965.64	699.81	1157.68	Yes
													QWGWTQGR	0.87	26.91	26.91	38.18	2	1161.5800	1161.5801	581.7973	-0.0001	-0.0859	190.82	249.85	161.62	253.99	Yes
													QWGWTQGR	0.91	22.72	26.96	30.27	2	1161.5802	1161.5801	581.7973	0.0001	0.0859	226.64	222.67	146.62	259.86	Yes
RPL18	Q07020	60S ribosomal protein L18	1.00	3	25.5	0.82	0.15	0.78	0.23	1.00	0.23	9	TNRPPLSLSR	0.94	25.36	26.29	18.07	2	1283.7422	1283.7431	642.8788	-0.0009	-0.7000	37.51	40.99	14.98	25.16	No
													TNRPPLSLSR	0.92	18.74	26.34	18.79	3	1283.7439	1283.7431	428.9216	0.0008	0.6217	238.88	255.57	176.40	186.05	Yes

													TNRPPLSLSR	0.96	27.36	26.49	24.57	2	1283.7442	1283.7431	642.8788	0.0011	0.8555	23.56	37.98	11.73	16.84	No
													TNRPPLSLSR	0.94	20.03	26.49	19.10	3	1283.7445	1283.7431	428.9216	0.0014	1.0880	214.25	227.37	150.94	146.30	Yes
													APGTPHSHTKPYVR	0.99	20.05	26.72	16.56	4	1835.0041	1835.0046	459.7584	-0.0005	-0.2719	19.33	47.81	29.95	27.10	No
													APGTPHSHTKPYVR	0.99	19.49	26.72	14.46	4	1835.0041	1835.0046	459.7584	-0.0005	-0.2719	18.15	35.98	11.83	24.22	No
													APGTPHSHTKPYVR	1.00	25.21	26.66	15.79	4	1835.0053	1835.0046	459.7584	0.0007	0.3806	11.85	32.33	20.31	11.93	No
													APGTPHSHTKPYVR	0.92	15.03	26.50	28.03	4	1835.0081	1835.0046	459.7584	0.0035	1.9032	14.53	22.95	22.19	17.00	No
													APGTPHSHTKPYVR	0.99	20.31	26.50	16.68	4	1835.0081	1835.0046	459.7584	0.0035	1.9032	10.37	18.92	15.80	11.16	No
													APGTPHSHTKPYVR	1.00	22.27	26.63	35.27	4	1835.0093	1835.0046	459.7584	0.0047	2.5557	23.23	13.41	26.08	18.72	No
													APGTPHSHTKPYVR	0.82	13.67	26.41	26.67	4	1835.0097	1835.0046	459.7584	0.0051	2.7732	19.30	23.66	17.97	18.18	No
													APGTPHSHTKPYVR	0.98	17.58	26.66	18.52	4	1835.0053	1835.0046	459.7584	0.0007	0.3806	13.14	50.56	10.23	23.86	No
													APGTPHSHTKPYVR	0.96	16.35	26.66	18.61	4	1835.0053	1835.0046	459.7584	0.0007	0.3806	15.27	93.83	15.70	17.90	No
													TNRPPLSLSR	0.88	17.53	26.54	23.26	3	1283.7433	1283.7431	428.9216	0.0002	0.1554	674.29	689.12	736.96	698.80	Yes
													TNRPPLSLSR	0.95	20.12	26.34	18.25	3	1283.7439	1283.7431	428.9216	0.0008	0.6217	722.91	774.17	635.54	597.03	Yes
													TNRPPLSLSR	0.99	25.08	26.54	19.13	3	1283.7433	1283.7431	428.9216	0.0002	0.1554	446.34	501.16	426.13	387.37	Yes
													TNRPPLSLSR	0.94	20.08	26.46	17.93	3	1283.7436	1283.7431	428.9216	0.0005	0.3886	467.39	540.27	455.11	421.21	Yes
													TNRPPLSLSR	0.97	22.05	26.54	19.25	3	1283.7433	1283.7431	428.9216	0.0002	0.1554	307.66	394.70	306.43	307.46	Yes
													GCGTVLLSGPR	1.00	63.96	28.34	19.27	2	1248.6428	1248.6441	625.3293	-0.0013	-1.0395	195.12	268.05	224.05	238.69	Yes
													GCGTVLLSGPR	0.74	73.45	28.45	86.45	2	1248.6434	1248.6441	625.3293	-0.0007	-0.5597	122.28	214.49	133.16	173.50	Yes
RPL18A	Q02543	60S ribosomal protein L18a	1.00	2	16.5	0.96	0.07	1.04	0.05	1.10	0.19	5	DLTTAGAVTQCYR	1.00	70.23	25.39	24.27	2	1587.7498	1587.7507	794.8826	-0.0009	-0.5661	258.80	295.09	262.81	308.32	Yes
													IFAPNHVVAK	1.00	46.19	23.54	19.38	3	1382.8222	1382.8278	461.9499	-0.0056	-4.0409	6133.02	6963.19	6883.05	7635.27	Yes
													IFAPNHVVAK	1.00	35.18	24.10	16.51	3	1382.8243	1382.8278	461.9499	-0.0035	-2.5255	6378.96	8677.27	6752.26	8561.12	Yes
													IFAPNHVVAK	1.00	30.10	23.75	17.05	3	1382.8255	1382.8278	461.9499	-0.0023	-1.6596	1756.15	2646.10	1958.57	2229.64	Yes
													IFAPNHVVAK	1.00	36.12	23.75	18.87	3	1382.8258	1382.8278	461.9499	-0.0020	-1.4432	2515.12	3819.20	3003.75	3223.99	Yes
RPL23	P62829	60S ribosomal protein L23	1.00	2	11.4	0.94	0.18	1.04	0.15	0.94	0.16	8	NLYIISVK	1.00	50.42	22.48	19.67	2	1236.7694	1236.7685	619.3915	0.0009	0.7265	1046.67	1091.58	1270.98	1247.91	Yes
													NLYIISVK	0.72	50.67	22.48	63.67	2	1236.7696	1236.7685	619.3915	0.0011	0.8880	2842.55	3227.88	3520.55	4065.33	Yes
													NLYIISVK	0.80	50.73	22.48	63.73	2	1236.7684	1236.7685	619.3915	-0.0001	-0.0807	1276.66	1263.41	1649.58	1394.76	Yes
													NLYIISVK	0.72	42.08	22.48	55.08	2	1236.7692	1236.7685	619.3915	0.0007	0.5651	413.68	514.94	329.41	422.41	Yes
													VHPAVVIR	1.00	41.55	22.72	22.99	2	1033.6520	1033.6518	517.8332	0.0002	0.1931	2220.95	2207.93	2406.40	2986.52	Yes
													VHPAVVIR	1.00	43.44	22.79	20.78	2	1033.6532	1033.6518	517.8332	0.0014	1.3518	254.85	266.27	289.27	340.14	Yes
													VHPAVVIR	0.99	28.47	22.83	18.16	2	1033.6516	1033.6518	517.8332	-0.0002	-0.1931	147.65	175.77	126.77	200.14	Yes
													VHPAVVIR	0.99	29.65	22.83	16.72	2	1033.6516	1033.6518	517.8332	-0.0002	-0.1931	146.44	211.59	168.80	207.71	Yes
RPL24	P83731	60S ribosomal protein L24	1.00	4	24.2	1.05	0.52	1.19	0.46	1.13	0.42	3	AITGASLADIMAK	1.00	110.93	26.05	29.86	2	1548.8790	1548.8789	775.4467	0.0001	0.0645	1197.45	1339.08	1169.95	1489.76	Yes
													KTAMAAAK	1.00	30.24	23.65	15.28	3	1222.7428	1222.7433	408.5884	-0.0005	-0.4079	25.62	19.97	23.79	14.67	No
													KTAMAAAK	0.94	16.68	23.46	15.96	3	1222.7431	1222.7433	408.5884	-0.0002	-0.1632	17.80	12.39	10.14	10.57	No
													VFQFLNAK	1.00	50.54	24.89	26.51	2	1253.7380	1253.7376	627.8761	0.0004	0.3185	489.71	918.35	911.67	989.87	Yes
													QINWTVLYR	1.00	43.53	27.86	24.91	2	1335.7424	1335.7421	668.8783	0.0003	0.2243	78.01	93.11	74.42	94.06	Yes
RPL26	P61254	60S ribosomal protein L26	1.00	5	29.0	0.86	0.22	0.93	0.25	1.00	0.17	9	KDDEVQVVR	0.93	34.56	27.28	27.53	3	1374.7633	1374.7711	459.2643	-0.0078	-5.6613	208.83	225.96	201.91	285.99	Yes
													KDDEVQVVR	0.98	35.68	27.64	26.31	3	1374.7651	1374.7711	459.2643	-0.0060	-4.3548	128.84	120.91	77.80	98.39	Yes
													YVIYIER	0.94	24.13	26.87	23.53	2	1098.6196	1098.6195	550.3170	0.0001	0.0909	494.35	581.11	402.86	446.79	Yes
													IMSSPLSK	0.67	34.88*	27.90	24.20	2	1149.6670	1149.6671	575.8408	-0.0001	-0.0868	1288.09	825.49	819.72	1000.53	No
													FNPFVTSDR	0.99	42.85	27.36	39.64	2	1225.6234	1225.6213	613.8179	0.0021	1.7106	2657.21	3211.53	2828.00	3589.32	Yes
													FNPFVTSDR	0.94	40.21	27.56	39.64	2	1225.6240	1225.6213	613.8179	0.0027	2.1993	2006.53	2322.24	2081.80	2233.32	Yes
													HFNAPSHIR	1.00	39.85	28.20	18.27	3	1221.6493	1221.6489	408.2236	0.0004	0.3266	77.43	100.56	83.48	75.93	Yes
													HFNAPSHIR	1.00	41.04	28.19	19.89	3	1221.6496	1221.6489	408.2236	0.0007	0.5716	69.18	85.04	76.19	97.89	Yes
													FNPFVTSDR	0.99	31.53	27.34	25.09	2	1225.6216	1225.6213	613.8179	0.0003	0.2444	553.23	714.78	591.90	569.26	Yes
													HFNAPSHIR	0.52	35.60	28.25	48.60	3	1221.6499	1221.6489	408.2236	0.0010	0.8165	77.64	120.06	110.65	113.33	Yes
													HFNAPSHIR	0.52	33.70	28.19	46.70	3	1221.6496	1221.6489	408.2236	0.0007	0.5716	46.39	64.03	85.10	86.06	No
RPL27	P61353	60S ribosomal protein L27	1.00	3	19.9	1.00	0.16	1.08	0.14	1.13	0.12	5	KVTAAMGK	0.60	32.62	22.72	45.62	2	1236.7566	1236.7589	619.3867	-0.0023	-1.8567	401.25	563.63	480.58	577.91	Yes
													KVTAAMGK	0.52	26.88	22.72	39.88	3	1236.7588	1236.7589	413.2602	-0.0001	-0.0807	470.15	699.13	559.66	637.44	Yes
													KVTAAMGK	1.00	27.00	22.36	17.03	3	1236.7594	1236.7589	413.2602	0.0005	0.4033	597.93	849.52	817.85	857.04	Yes
													VYNYNHLMPTR	0.90	21.93	27.04	14.89	3	1566.7714	1566.7735	523.2651	-0.0021	-1.3378	9.59	28.72	9.40	18.16	No
													VYNYNHLMPTR	1.00	33.73	27.11	18.36	3	1566.7717	1566.7735	523.2651	-0.0018	-1.1466	16.20	50.65	26.20	29.01	No
													VVLVLAGR	1.00	40.96	16.72	20.63	2	969.6452	969.6457	485.8301	-0.0005	-0.5146	380.38	448.73	414.72	496.63	Yes
													VVLVLAGR	1.00	40.82	16.72	23.21	2	969.6456	969.6457	485.8301	-0.0001	-0.1029	296.16	392.71	275.69	328.41	Yes
RPL28	P46779	60S ribosomal protein L28	1.00	3	17.5	1.11	0.21	1.14	0.27	1.12	0.27	7	SQKPVMVK	0.87	13.53	22.62	19.45	3	1347.8278	1347.8274	450.2831	0.0004	0.2961	6313.23	8428.27	9392.63	10058.24	Yes
													SQKPVMVK	0.91	14.66	22.67	14.06	3	1347.8272	1347.8274	450.2831	-0.0002	-0.1481	1612.19	2424.74	2196.18	2647.16	Yes
													SQKPVMVK	0.93	15.37	22.62	14.19	3	1347.8275	1347.8274	450.2831	0.0001	0.0740	2731.21	3901.89	3924.16	4563.93	Yes
													NCSSFLIK	0.95	29.94	27.82	27.11	2	1244.6482	1244.6501	623.3323	-0.0019	-1.5241	1382.69	2323.21	2023.14	2112.43	Yes
													NCSSFLIK	0.99	31.23	27.91	28.48	2	1244.6500	1244.6501	623.3323	-0.0001	-0.0802	630.38	641.81	617.30	669.16	Yes
													NCSSFLIK	0.64	20.69	27.82	21.74	2	1244.6482	1244.6501	623.3323	-0.0019	-1.5241	3294.53	3302.20	3347.73	4544.94	Yes
													KPATSYVR	0.51	10.79	25.47	15.25	3	1208.7130	1208.7121	403.9113	0.0009	0.7427	44.76	73.51	56.25	45.44	Yes
RPL29	P47914	60S ribosomal protein L29	1.00	2	14.5	0.64	0.42	0.86	0.56	0.91	0.44	2	AQAAAPASVPAQAPK	0.52	26.76	26.38	39.76	3	1664.9467	1664.9453	555.9890	0.0014	0.8393	239.45	198.99	118.29	174.75	Yes
													LAYIAHPK	1.00	32.28	24.13	21.73	3	1199.7274	1199.7270	400.9163	0.0004	0.3326	848.61	1231.33	924.18	1285.51	Yes
RPL3	P39023	60S ribosomal protein L3	1.00	3	5.2	1.14	0.20	1.11	0.21	1.24	0.14	7	AFMGPLKK	1.00	26.90	22.55	16.40	3	1338.8047	1338.8059	447.2759	-0.0012	-0.8943	1492.35	2364.94	1926.91	2104.61	Yes
													VAFSVAR	0.93	30.63	28.43	38.92	2	892.5248	892.5252	447.2699	-0.0004	-0.4472	7280.69	9603.32	8062.79	8497.55	Yes
													VAFSVAR	0.92	32.69	28.43	41.80	2	892.5250	892.5252	447.2699	-0.0002	-0.2236	4029.58	5514.34	4384.52	4687.37	Yes
													VAFSVAR	0.80	35.09	28.43	48.09	2	892.5252	892.5252	447.2699	0.0000	0.0000	1583.58	2380.83	1990.79	1871.00	Yes
													VAFSVAR	0.95	28.65	28.43	35.91	2	892.5256	892.5252	447.2699	0.0004	0.4472	53.53	67.78	42.90	44.02	No
													VAFSVAR	0.93	25.57	28.43	34.31	2	892.5252	892.5252	447.2699	0.0000	0.0000	309.78	496.45	468.73	491.95	Yes
													VAFSVAR	0.96	31.95	28.43	38.06	2	892.5254	892.5252	447.2699	0.0002	0.2236	474.35	674.32	612.22	621.83	Yes
													YCQVIR	0.67	17.10	25.54	27.28	2	970.4856	970.4850	486.2498	0.0006	0.6170	874.71	1485.03	1436.52	1480.02	Yes
RPL30	P62888	60S ribosomal protein L30	1.00	2	15.7	0.83	0.04	0.88	0.11	1.00	0.03	6	SMPEQTGEK	1.00	49.92	27.63	22.32	2	1293.6454	1293.6478	647.8312	-0.0024	-1.8523	806.15	954.36	713.51	929.32	Yes
													SMPEQTGEK	1.00	47.27	27.69	19.94	2	1293.6460	1293.6478	647.8312	-0.0018	-1.3893	871.28	1101.24	848.51	997.31	Yes
													KSLESINSR	1.00	33.86	26.67	15.40	3	1320.7606	1320.7605	441.2608	0.0001	0.0755	1129.06	1330.40	1109.62	1247.57	Yes
													KSLESINSR	1.00	29.27	26.67	21.26	3	1320.7612	1320.7605	441.2608	0.0007	0.5288	761.31	941.27	724.19	687.72	Yes
													KSLESINSR	1.00	36.08	26.67	18.78	3	1320.7612	1320.7605	441.2608	0.0007	0.5288	1047.60	1243.59	980.79	1047.26	Yes
													KSLESINSR	1.00	36.94	26.68	15.87	3	1320.7615	1320.7605	441.2608	0.0010	0.7554	798.16	952.56	784.64	930.86	Yes
RPL34	P49207	60S ribosomal protein L34	1.00	2	13.7	1.22	0.26	1.29	0.26	1.58	0.36	6	IVYLYTK	1.00	42.36	25.31	22.44	2	1186.7200	1186.7205	594.3675	-0.0005	-0.4206	2503.51	3760.03	2851.20	3345.01	Yes

													IVYLYTK	1.00	44.22	25.31	25.91	2	1186.7204	1186.7205	594.3675	-0.0001	-0.0841	217.59	317.02	229.61	266.95	Yes
													SACGVCPGR	1.00	52.33	17.32	23.14	2	1084.4430	1084.4408	543.2277	0.0022	2.0249	1148.35	2417.21	1855.63	1966.68	Yes
													SACGVCPGR	1.00	52.43	17.32	21.18	2	1084.4430	1084.4408	543.2277	0.0022	2.0249	977.34	1987.60	1563.33	1713.80	Yes
													SACGVCPGR	1.00	48.94	17.40	22.29	2	1084.4424	1084.4408	543.2277	0.0016	1.4727	304.91	661.34	483.86	490.31	Yes
													SACGVCPGR	1.00	49.19	17.32	25.71	2	1084.4430	1084.4408	543.2277	0.0022	2.0249	273.84	635.00	424.58	518.94	Yes
RPL35A	P18077	60S ribosomal protein L35a	1.00	4	20.0	0.92	0.14	0.95	0.14	1.07	0.17	12	NNTVTPGGKPNK	1.00	35.54	25.68	17.17	3	1657.9462	1657.9477	553.6565	-0.0015	-0.9031	39.04	52.45	37.11	40.12	Yes
													NNTVTPGGKPNK	1.00	39.84	25.66	24.46	3	1657.9468	1657.9477	553.6565	-0.0009	-0.5419	101.15	132.16	119.47	123.35	Yes
													NNTVTPGGKPNK	1.00	32.17	25.66	22.37	3	1657.9468	1657.9477	553.6565	-0.0009	-0.5419	46.79	98.38	68.57	88.00	No
													AKNNTVTPGGKPNK	0.91	13.05	20.17	26.05	4	2001.1817	2001.1818	501.3027	-0.0001	-0.0499	33.43	49.69	40.27	51.89	Yes
													AKNNTVTPGGKPNK	0.97	15.04	20.17	28.04	4	2001.1825	2001.1818	501.3027	0.0007	0.3491	151.67	144.20	127.92	159.63	Yes
													VMLYPSR	0.99	34.93	28.10	32.96	2	1008.5552	1008.5548	505.2847	0.0004	0.3958	479.63	594.89	451.64	538.32	Yes
													VMLYPSR	0.85	22.25	27.29	28.10	2	1024.5484	1024.5497	513.2821	-0.0013	-1.2664	835.11	1020.47	833.72	879.15	Yes
													VMLYPSR	0.95	26.91	27.24	28.42	2	1024.5488	1024.5497	513.2821	-0.0009	-0.8767	917.15	1350.37	979.25	1111.34	Yes
													VMLYPSR	1.00	39.56	28.10	25.18	2	1008.5552	1008.5548	505.2847	0.0004	0.3958	1103.03	1315.03	1217.81	1255.62	Yes
													VMLYPSR	0.98	32.80	28.14	25.01	2	1008.5560	1008.5548	505.2847	0.0012	1.1874	659.78	812.27	611.64	738.39	Yes
													VMLYPSR	0.99	34.37	28.14	24.65	2	1008.5546	1008.5548	505.2847	-0.0002	-0.1979	522.58	633.32	553.89	617.61	Yes
													VMLYPSR	0.99	34.76	28.14	26.62	2	1008.5546	1008.5548	505.2847	-0.0002	-0.1979	439.14	560.39	458.34	479.09	Yes
													VMLYPSRI	0.91	23.36	27.72	25.17	2	1121.6390	1121.6389	561.8267	0.0001	0.0890	226.48	367.50	302.99	273.77	Yes
RPL36A	P83881	60S ribosomal protein L36a	1.00	2	14.2	1.17	-	1.39	-	1.30	-	1	GKDSLYAQGK	0.90	28.92	26.20	19.99	3	1497.8497	1497.8517	500.2912	-0.0020	-1.3326	10.82	9.23	12.50	12.66	No
													VNVPK	0.98	27.41	24.38	29.59	2	843.5408	843.5422	422.7784	-0.0014	-1.6557	209.10	327.29	279.92	356.27	Yes
RPL4	P36578	60S ribosomal protein L4	1.00	5	13.8	1.05	0.29	1.01	0.29	1.16	0.34	12	AAAAAAALQAK	1.00	42.96	25.79	18.43	2	1243.7484	1243.7492	622.8819	-0.0008	-0.6422	117.17	139.88	111.67	129.58	Yes
													KLDELYGTWR	1.00	49.09	26.98	26.00	3	1567.8619	1567.8602	523.6273	0.0017	1.0822	429.64	505.66	347.72	410.88	Yes
													AAAAAAALQAK	1.00	66.79	25.71	22.95	2	1243.7464	1243.7492	622.8819	-0.0028	-2.2476	1123.46	1005.13	1211.25	1342.92	Yes
													NVTLPAVFK	0.56	39.11	23.28	52.11	2	1275.7812	1275.7794	638.8970	0.0018	1.4087	216.17	186.51	157.18	128.71	Yes
													NIPGITLLNVSK	0.52	19.77	20.45	32.77	3	1555.9543	1555.9541	519.6586	0.0002	0.1283	56.59	38.21	39.02	45.97	No
													NIPGITLLNVSK	0.52	23.85	20.49	36.85	3	1555.9552	1555.9541	519.6586	0.0011	0.7056	43.20	48.31	39.48	27.29	No
													SGQGAFGNMCR	0.60	59.73	19.82	72.73	2	1316.5522	1316.5546	659.2846	-0.0024	-1.8202	560.09	922.68	738.97	707.11	Yes
													SGQGAFGNMCR	1.00	61.43	19.82	20.86	2	1316.5532	1316.5546	659.2846	-0.0014	-1.0618	1335.91	2107.13	1761.11	1842.59	Yes
													SGQGAFGNMCR	0.60	48.89	19.44	61.89	2	1332.5480	1332.5495	667.2820	-0.0015	-1.1240	197.85	382.56	305.60	330.45	Yes
													SGQGAFGNMCR	0.74	46.82	19.54	59.82	2	1332.5488	1332.5495	667.2820	-0.0007	-0.5245	245.92	450.79	339.34	350.13	Yes
													SGQGAFGNMCR	0.60	63.60	19.87	76.60	2	1316.5530	1316.5546	659.2846	-0.0016	-1.2134	386.77	589.73	601.97	589.97	Yes
													SGQGAFGNMCR	0.74	54.02	19.82	67.02	2	1316.5532	1316.5546	659.2846	-0.0014	-1.0618	370.26	583.51	534.88	569.99	Yes
													SGQGAFGNMCR	1.00	32.15	19.44	17.76	2	1332.5480	1332.5495	667.2820	-0.0015	-1.1240	129.78	190.23	155.46	153.50	Yes
													SGQGAFGNMCR	1.00	31.00	19.44	15.62	2	1332.5482	1332.5495	667.2820	-0.0013	-0.9741	104.83	172.20	158.44	145.67	Yes
RPL5	P46777	60S ribosomal protein L5	1.00	4	10.8	0.95	0.07	1.03	0.22	1.29	0.17	6	RFPGYDSESK	1.00	32.86	27.17	27.80	3	1472.7490	1472.7503	491.9240	-0.0013	-0.8809	1752.99	2956.17	2021.39	2400.76	Yes
													LVIQDK	0.86	19.39	23.98	27.70	2	1002.6312	1002.6317	502.3231	-0.0005	-0.4977	9179.74	3720.49	4140.89	8945.35	No
													VFGALK	0.99	31.25	26.03	33.11	2	921.5894	921.5891	461.8018	0.0003	0.3248	3290.41	4152.92	3231.81	3270.08	Yes
													VFGALK	0.99	30.42	26.03	32.22	2	921.5894	921.5891	461.8018	0.0003	0.3248	649.93	1145.07	697.40	647.62	Yes
													VFGALK	0.94	25.35	26.03	28.44	2	921.5902	921.5891	461.8018	0.0011	1.1910	3241.41	4906.89	3629.36	4685.20	Yes
													VFGALK	0.98	31.10	26.03	32.93	2	921.5906	921.5891	461.8018	0.0015	1.6241	6026.62	9392.57	7036.43	8905.11	Yes
													DIICQIAYAR	1.00	57.67	27.19	27.54	2	1354.6874	1354.6859	678.3502	0.0015	1.1056	497.64	790.02	512.35	687.24	Yes
RPL6	Q02878	60S ribosomal protein L6	1.00	3	10.8	1.05	0.14	1.07	0.09	1.09	0.09	6	VLATVTKPVGGDK	1.00	45.38	17.85	27.55	3	1716.0562	1716.0511	573.0243	0.0051	2.9667	2170.71	2645.08	2243.22	2851.80	Yes
													FVIATSTK	1.00	46.89	23.38	17.31	2	1153.6960	1153.6951	577.8548	0.0009	0.7787	3316.47	4096.00	4123.31	4589.08	Yes
													FVIATSTK	1.00	47.06	22.62	16.30	2	1153.6936	1153.6951	577.8548	-0.0015	-1.2979	1873.26	2500.28	2475.29	2609.49	Yes
													AIPQLQGYLR	1.00	50.76	26.66	24.50	2	1301.7566	1301.7577	651.8861	-0.0011	-0.8437	1784.72	2377.44	1848.66	2070.48	Yes
													AIPQLQGYLR	1.00	57.30	26.79	28.52	2	1301.7570	1301.7577	651.8861	-0.0007	-0.5369	1622.31	2092.79	2034.65	2203.81	Yes
													AIPQLQGYLR	0.99	32.48	26.66	18.73	2	1301.7568	1301.7577	651.8861	-0.0009	-0.6903	70.64	102.86	95.28	90.90	Yes
													AIPQLQGYLR	0.97	28.22	26.79	15.96	2	1301.7572	1301.7577	651.8861	-0.0005	-0.3835	87.56	94.27	86.64	77.76	No
RPL7	P18124	60S ribosomal protein L7	1.00	2	12.1	1.07	0.20	1.15	0.13	1.04	0.13	5	TTHFVEGGDAGNREDQINR	1.00	30.75	26.70	43.75	4	2259.0797	2259.0750	565.7760	0.0047	2.0768	340.41	378.98	481.04	422.21	Yes
													IALTDNALIAR	1.00	54.07	25.13	32.63	2	1313.7798	1313.7789	657.8967	0.0009	0.6840	3291.24	4723.88	4859.10	5310.75	Yes
													IALTDNALIAR	1.00	54.13	25.15	30.81	2	1313.7800	1313.7789	657.8967	0.0011	0.8360	4074.82	4644.70	4925.97	5671.47	Yes
													IALTDNALIAR	1.00	59.31	25.13	33.54	2	1313.7798	1313.7789	657.8967	0.0009	0.6840	1729.31	2279.50	1842.43	2426.24	Yes
													IALTDNALIAR	1.00	56.18	25.15	32.45	2	1313.7800	1313.7789	657.8967	0.0011	0.8360	2406.65	3095.55	2472.20	3312.45	Yes
RPL7A	P62424	60S ribosomal protein L7a	1.00	4	16.5	0.97	0.13	1.09	0.14	1.11	0.13	8	AAGKGDVPTK	0.64	19.89	25.58	20.23	3	1374.8200	1374.8196	459.2805	0.0004	0.2903	436.55	606.60	552.83	614.02	Yes
													AAGKGDVPTK	0.78	22.07	25.62	21.78	3	1374.8212	1374.8196	459.2805	0.0016	1.1612	238.70	323.08	242.95	287.57	Yes
													AAGKGDVPTK	0.70	20.50	24.65	14.95	3	1374.8221	1374.8196	459.2805	0.0025	1.8144	235.34	340.44	303.29	361.65	Yes
													VAPAPAVVK	1.00	44.64	18.69	23.72	2	1138.7284	1138.7318	570.3732	-0.0034	-2.9805	509.69	590.35	461.21	637.64	Yes
													VAPAPAVVK	1.00	51.99	17.85	25.06	2	1138.7294	1138.7318	570.3732	-0.0024	-2.1039	7408.12	10703.43	8507.46	10831.67	Yes
													VAPAPAVVK	1.00	52.43	19.73	25.37	2	1138.7328	1138.7318	570.3732	0.0010	0.8766	1973.57	2211.98	2026.14	2298.82	Yes
													KVVNPLFEK	1.00	38.01	20.17	16.07	3	1504.9330	1504.9343	502.6520	-0.0013	-0.8621	1093.04	1285.38	926.48	1005.79	No
													LKVPPAINQFTQALDR	1.00	51.88	21.93	17.32	3	2098.2157	2098.2142	700.4120	0.0015	0.7139	397.78	539.99	473.89	569.43	Yes
													LKVPPAINQFTQALDR	1.00	62.97	21.96	20.30	3	2098.2163	2098.2142	700.4120	0.0021	0.9994	455.54	669.98	488.87	577.07	Yes
RPL8	P62917	60S ribosomal protein L8	1.00	3	9.7	1.04	0.11	1.18	0.14	1.21	0.17	12	IDKPILK	0.80	11.79	13.62	21.17	3	1257.8395	1257.8386	420.2868	0.0009	0.7138	6697.02	9623.57	8582.10	10187.61	Yes
													IDKPILK	0.90	16.43	13.62	22.72	3	1257.8407	1257.8386	420.2868	0.0021	1.6655	9200.26	14137.90	12325.79	15410.31	Yes
													IDKPILK	0.80	13.95	17.32	23.30	3	1257.8386	1257.8386	420.2868	0.0000	0.0000	7635.58	12346.50	9961.82	12998.23	Yes
													IDKPILK	0.86	18.30	13.62	26.55	3	1257.8395	1257.8386	420.2868	0.0009	0.7138	7845.08	10153.92	8925.61	10998.15	Yes
													AVVGVVAGGGR	1.00	58.60	25.19	31.66	2	1084.6488	1084.6475	543.3310	0.0013	1.1963	794.61	1151.14	844.27	1110.83	Yes
													AVVGVVAGGGR	1.00	60.60	25.65	23.25	2	1084.6498	1084.6475	543.3310	0.0023	2.1166	240.81	425.49	317.14	349.80	Yes
													AVVGVVAGGGR	1.00	50.16	25.19	23.09	2	1084.6488	1084.6475	543.3310	0.0013	1.1963	447.89	644.48	509.83	640.86	Yes
													AVVGVVAGGGR	1.00	55.59	24.91	30.19	2	1084.6494	1084.6475	543.3310	0.0019	1.7485	942.47	1535.73	1218.49	1340.33	Yes
													AVVGVVAGGGR	1.00	54.95	24.77	19.91	2	1084.6476	1084.6475	543.3310	0.0001	0.0920	1018.47	1302.62	1048.88	1246.54	Yes
													AVVGVVAGGGR	1.00	54.55	25.01	25.55	2	1084.6480	1084.6475	543.3310	0.0005	0.4601	1903.55	3113.74	2171.67	2727.24	Yes
													AVVGVVAGGGR	1.00	45.74	24.77	18.16	2	1084.6476	1084.6475	543.3310	0.0001	0.0920	358.16	489.34	401.12	501.40	Yes
													AVVGVVAGGGR	0.80	45.68	24.77	58.68	2	1084.6476	1084.6475	543.3310	0.0001	0.0920	340.80	420.11	395.02	432.95	Yes
													VGLIAAR	0.97	26.29	21.52	26.76	2	842.5444	842.5460	422.2803	-0.0016	-1.8945	2993.37	5641.56	3917.27	3624.29	No
													VGLIAAR	0.99	29.51	21.52	23.08	2	842.5446	842.5460	422.2803	-0.0014	-1.6577	3274.84	5382.72	4186.58	3612.99	No
RPS11	P62280	40S ribosomal protein S11	1.00	5	37.3	0.90	0.13	1.01	0.13	0.82	0.12	10	VLLGETGK	0.99	36.62	26.31	28.90	2	1103.6760	1103.6794	552.8470	-0.0034	-3.0750	895.71	781.93	823.52	849.82	No
													QPTIFQNK	0.99	34.55	28.25	32.41	2	1262.7230	1262.7227	632.3686	0.0003	0.2372	2537.18	2131.15	2209.54	2697.78	Yes

													NIGLGFK	1.00	41.61	25.80	28.90	2	1035.6330	1035.6320	518.8233	0.0010	0.9637	5490.80	5638.72	5588.54	6748.32	Yes
													NIGLGFK	1.00	39.40	25.80	30.21	2	1035.6330	1035.6320	518.8233	0.0010	0.9637	5174.80	4610.84	4967.95	6213.26	Yes
													NIGLGFK	0.97	38.94	26.13	29.58	2	1035.6358	1035.6320	518.8233	0.0038	3.6621	9521.28	9621.74	9909.27	12826.41	Yes
													NIGLGFK	0.85	41.12	26.13	41.56	2	1035.6362	1035.6320	518.8233	0.0042	4.0476	11825.03	12221.86	10954.16	14091.25	Yes
													ILSGVVTK	0.93	50.89	21.70	47.70	2	1103.7196	1103.7158	552.8652	0.0038	3.4366	8588.35	7494.52	9576.44	11489.60	Yes
													ILSGVVTK	0.83	46.27	21.70	47.40	2	1103.7196	1103.7158	552.8652	0.0038	3.4366	2550.70	2593.92	2502.03	2862.28	Yes
													ILSGVVTK	0.86	39.61	21.82	46.44	2	1103.7178	1103.7158	552.8652	0.0020	1.8088	2549.47	2595.26	2588.36	2842.24	Yes
													ILSGVVTK	1.00	46.72	21.76	37.46	2	1103.7148	1103.7158	552.8652	-0.0010	-0.9044	1518.16	1471.98	1704.55	1986.95	Yes
													ILSGVVTK	1.00	48.34	21.76	37.68	2	1103.7150	1103.7158	552.8652	-0.0008	-0.7235	1183.71	1496.42	1777.11	1807.88	No
													CPFTGNVSIR	0.63	16.96	26.50	19.73	2	1282.6272	1282.6284	642.3215	-0.0012	-0.9341	134.70	84.87	92.43	126.80	No
													CPFTGNVSIR	1.00	39.45	26.56	24.65	2	1282.6282	1282.6284	642.3215	-0.0002	-0.1557	81.73	125.68	116.61	124.12	No
													CPFTGNVSIR	1.00	39.18	26.40	24.34	2	1282.6296	1282.6284	642.3215	0.0012	0.9341	67.03	84.50	90.25	99.86	Yes
RPS14	P62263	40S ribosomal protein S14	1.00	3	15.4	1.00	0.19	1.01	0.20	0.96	0.13	9	TPGPGAQSALR	1.00	61.66	27.63	22.45	2	1197.6574	1197.6588	599.8367	-0.0014	-1.1670	1938.73	2106.67	2246.56	2191.00	Yes
													TPGPGAQSALR	1.00	56.90	27.80	26.41	2	1197.6582	1197.6588	599.8367	-0.0006	-0.5001	899.95	908.15	801.13	1033.59	Yes
													TPGPGAQSALR	1.00	41.59	27.66	24.43	2	1197.6586	1197.6588	599.8367	-0.0002	-0.1667	306.69	368.47	374.12	514.88	Yes
													TPGPGAQSALR	1.00	52.88	27.66	22.46	2	1197.6586	1197.6588	599.8367	-0.0002	-0.1667	1042.62	1130.81	1030.40	1449.00	Yes
													ELGITALHIK	1.00	31.41	20.83	19.15	3	1381.8574	1381.8537	461.6252	0.0037	2.6717	2593.76	2806.33	2661.59	3244.28	Yes
													TKTPGPGAQSALR	1.00	50.63	25.72	20.77	3	1570.9036	1570.9035	524.6418	0.0001	0.0635	197.27	213.30	207.78	215.28	Yes
													TKTPGPGAQSALR	1.00	54.40	25.88	21.03	3	1570.9027	1570.9035	524.6418	-0.0008	-0.5083	232.13	319.04	329.77	300.70	Yes
													TKTPGPGAQSALR	1.00	49.06	25.93	20.31	3	1570.9015	1570.9035	524.6418	-0.0020	-1.2707	123.88	170.15	183.10	144.76	Yes
													TKTPGPGAQSALR	1.00	58.69	25.91	21.97	3	1570.9024	1570.9035	524.6418	-0.0011	-0.6989	236.15	282.62	269.68	238.38	Yes
RPS15A	P62244	40S ribosomal protein S15a	1.00	3	18.5	1.01	0.23	0.95	0.17	0.95	0.36	19	CGVISPR	0.65	26.25	27.54	26.81	2	920.4650	920.4694	461.2420	-0.0044	-4.7698	2079.45	3536.44	3264.85	2888.69	Yes
													CGVISPR	0.65	26.41	27.54	26.89	2	920.4652	920.4694	461.2420	-0.0042	-4.5529	1650.55	3035.48	2613.07	2325.76	Yes
													CGVISPR	0.76	28.65	27.66	30.57	2	920.4658	920.4694	461.2420	-0.0036	-3.9025	56.28	90.09	67.27	72.87	Yes
													CGVISPR	0.78	26.00	27.82	22.86	2	920.4668	920.4694	461.2420	-0.0026	-2.8185	604.83	1102.21	983.75	915.60	Yes
													CGVISPR	0.74	18.73	27.82	23.13	2	920.4690	920.4694	461.2420	-0.0004	-0.4336	134.51	237.45	185.92	172.66	Yes
													IVVNLTGR	1.00	43.31	24.89	33.41	2	1014.6308	1014.6308	508.3227	0.0000	0.0000	2418.41	2231.44	2618.33	2807.29	Yes
													IVVNLTGR	1.00	43.95	24.68	33.51	2	1014.6310	1014.6308	508.3227	0.0002	0.1967	1704.45	1608.69	1792.54	1898.72	Yes
													WQNNLLPSR	0.98	30.54	27.30	32.21	2	1270.6896	1270.6904	636.3525	-0.0008	-0.6286	741.39	806.05	794.88	855.56	Yes
													WQNNLLPSR	1.00	42.99	27.35	39.18	2	1270.6902	1270.6904	636.3525	-0.0002	-0.1571	1190.52	1143.57	1292.02	1464.40	Yes
													IVVNLTGR	1.00	41.40	24.89	31.76	2	1014.6304	1014.6308	508.3227	-0.0004	-0.3935	237.45	221.34	245.76	257.73	Yes
													IVVNLTGR	1.00	33.34	24.89	30.03	2	1014.6304	1014.6308	508.3227	-0.0004	-0.3935	250.29	254.32	223.60	277.37	Yes
													IVVNLTGR	0.99	29.77	24.89	29.65	2	1014.6306	1014.6308	508.3227	-0.0002	-0.1967	310.82	303.63	305.88	329.85	Yes
													IVVNLTGR	0.99	36.73	24.89	34.50	2	1014.6308	1014.6308	508.3227	0.0000	0.0000	325.15	317.20	337.22	340.73	Yes
													WQNNLLPSR	0.98	31.50	27.30	28.25	2	1270.6896	1270.6904	636.3525	-0.0008	-0.6286	118.89	131.01	111.18	129.99	Yes
													WQNNLLPSR	1.00	41.77	27.23	25.24	2	1270.6898	1270.6904	636.3525	-0.0006	-0.4714	133.54	122.67	131.54	101.76	Yes
													WQNNLLPSR	0.99	32.93	27.35	25.60	2	1270.6902	1270.6904	636.3525	-0.0002	-0.1571	249.17	269.41	272.96	286.54	Yes
													WQNNLLPSR	1.00	45.75	27.35	26.63	2	1270.6902	1270.6904	636.3525	-0.0002	-0.1571	268.40	278.05	272.97	269.19	Yes
													IVVNLTGR	1.00	36.85	24.68	31.40	2	1014.6310	1014.6308	508.3227	0.0002	0.1967	45.42	54.58	64.69	61.51	Yes
													IVVNLTGR	1.00	34.68	24.68	32.12	2	1014.6310	1014.6308	508.3227	0.0002	0.1967	76.71	62.25	41.12	69.82	No
													IVVNLTGR	0.98	28.18	24.89	30.95	2	1014.6304	1014.6308	508.3227	-0.0004	-0.3935	27.00	16.27	14.50	34.50	No
													IVVNLTGR	0.99	31.67	24.68	31.68	2	1014.6310	1014.6308	508.3227	0.0002	0.1967	46.99	34.53	59.93	52.60	Yes
													WQNNLLPSR	0.78	20.54	27.23	15.39	2	1270.6898	1270.6904	636.3525	-0.0006	-0.4714	15.86	23.88	22.51	13.31	No
RPS18	P62269	40S ribosomal protein S18	1.00	2	19.1	0.92	0.10	0.93	0.10	1.05	0.11	6	AGELTEDEVER	1.00	75.42	25.84	37.28	2	1390.6690	1390.6698	696.3422	-0.0008	-0.5744	710.60	901.37	734.03	819.06	Yes
													AGELTEDEVER	1.00	79.84	25.84	36.92	2	1390.6694	1390.6698	696.3422	-0.0004	-0.2872	783.36	1106.04	923.28	916.33	Yes
													VITIMQNPR	1.00	42.92	27.36	21.27	2	1214.6916	1214.6927	608.3536	-0.0011	-0.9041	854.41	954.17	759.05	1018.23	Yes
													VITIMQNPR	1.00	41.07	27.36	22.39	2	1214.6916	1214.6927	608.3536	-0.0011	-0.9041	1010.28	1180.66	1089.76	1118.09	Yes
													VITIMQNPR	0.96	37.85	28.26	27.80	2	1230.6834	1230.6876	616.3511	-0.0042	-3.4072	207.29	263.90	213.10	200.52	Yes
													VITIMQNPR	0.88	29.29	28.34	18.84	2	1230.6842	1230.6876	616.3511	-0.0034	-2.7582	172.15	227.75	195.29	216.26	Yes
RPS2	P15880	40S ribosomal protein S2	1.00	4	23.3	0.92	0.27	1.10	0.12	0.93	0.18	10	SLEEIYLFSLPIK	0.98	34.16	23.05	23.24	3	1839.0724	1839.0637	614.0285	0.0087	4.7229	6.80	2.92	5.88	12.24	No
													LIPAPR	0.70	22.65	21.24	19.62	2	809.5248	809.5245	405.7695	0.0003	0.3697	3475.00	3805.16	2946.79	4217.48	Yes
													LIPAPR	0.68	25.75	21.24	19.76	2	809.5254	809.5245	405.7695	0.0009	1.1090	2524.20	2660.10	2547.26	2893.42	Yes
													LIPAPR	0.69	22.54	21.24	19.58	2	809.5244	809.5245	405.7695	-0.0001	-0.1232	1774.09	2001.20	1669.13	2233.76	Yes
													LIPAPR	0.75	28.27	21.24	20.49	2	809.5250	809.5245	405.7695	0.0005	0.6161	1102.55	1165.04	1012.14	1364.17	Yes
													CGSVLVR	0.80	21.92	27.89	28.33	2	922.4858	922.4850	462.2498	0.0008	0.8653	1433.27	1801.62	1981.17	1985.47	Yes
													CGSVLVR	0.96	29.58	27.93	33.21	2	922.4864	922.4850	462.2498	0.0014	1.5143	1820.05	2444.47	2317.77	2558.75	Yes
													CGSVLVR	0.99	31.28	27.89	31.78	2	922.4854	922.4850	462.2498	0.0004	0.4327	1868.00	2262.05	2425.11	2658.85	Yes
													CGSVLVR	0.95	28.50	27.89	32.48	2	922.4856	922.4850	462.2498	0.0006	0.6490	1248.44	1799.13	1925.61	1781.35	Yes
													LSIVPVR	1.00	38.80	15.91	28.26	2	926.6038	926.6035	464.3090	0.0003	0.3231	614.81	559.36	484.42	882.24	Yes
													LSIVPVR	1.00	37.16	15.91	28.53	2	926.6038	926.6035	464.3090	0.0003	0.3231	589.12	504.70	462.06	892.64	Yes
RPS23	P62266	40S ribosomal protein S23	1.00	2	16.1	1.17	0.19	1.26	0.14	1.22	0.19	5	ANPFGGASHAK	1.00	46.45	27.61	29.89	3	1343.7190	1343.7190	448.9136	0.0000	0.0000	2457.56	4229.34	3688.33	4232.98	Yes
													ANPFGGASHAK	1.00	44.55	27.72	29.81	3	1343.7196	1343.7190	448.9136	0.0006	0.4455	1994.70	3163.17	2639.72	3279.11	Yes
													ANPFGGASHAK	1.00	60.54	27.54	29.01	2	1343.7162	1343.7190	672.8668	-0.0028	-2.0807	420.05	573.45	501.39	624.16	Yes
													ANPFGGASHAK	1.00	48.88	27.61	28.99	3	1343.7190	1343.7190	448.9136	0.0000	0.0000	1448.40	1779.04	1664.91	1965.17	Yes
													KGHAVGDIPGVR	1.00	55.76	25.11	18.77	3	1492.8718	1492.8718	498.6312	0.0000	0.0000	1193.35	1806.42	1905.18	1831.12	Yes
RPS24	P62847	40S ribosomal protein S24	1.00	2	20.5	0.87	0.30	0.93	0.10	0.84	0.33	2	TTGFGMIYDSLDYAK	0.62	14.19	27.53	14.91	3	1968.9748	1968.9747	657.3322	0.0001	0.0507	85.88	69.00	69.23	90.89	Yes
													TTPDVIFVFGFR	0.99	34.54	27.47	19.02	2	1541.8358	1541.8364	771.9255	-0.0006	-0.3886	180.39	228.71	221.90	216.06	Yes
RPS26	P62854	40S ribosomal protein S26	1.00	2	20.9	1.35	0.16	1.13	0.01	1.41	0.65	2	NIVEAAAVR	1.00	41.44	26.48	24.62	2	1085.6292	1085.6315	543.8230	-0.0023	-2.1147	24.99	40.70	34.83	42.65	No
													NIVEAAAVR	1.00	37.19	25.43	21.77	2	1085.6318	1085.6315	543.8230	0.0003	0.2758	233.46	302.76	336.57	320.56	Yes
													FRPAGAAPRPPPKPM	0.98	16.27	25.66	14.55	4	1893.0665	1893.0651	474.2736	0.0014	0.7380	491.10	1091.18	819.77	684.10	Yes
RPS27A	P62988	Ubiquitin	1.00	2	15.8	0.86	0.04	0.88	0.16	0.78	0.07	5	LIFAGK	0.96	32.10	24.93	33.61	2	935.6064	935.6048	468.8097	0.0016	1.7064	7228.04	7207.12	7391.67	8836.16	Yes
													MQIFVK	0.90	30.50	25.35	25.43	2	1068.6210	1068.6245	535.3195	-0.0035	-3.2691	703.95	589.68	669.81	643.87	Yes
													MQIFVK	0.94	29.19	25.39	24.79	2	1068.6218	1068.6245	535.3195	-0.0027	-2.5219	910.10	837.06	851.27	819.02	Yes
													LIFAGK	0.99	31.67	24.93	32.20	2	935.6050	935.6048	468.8097	0.0002	0.2133	4301.39	4310.40	4423.35	5005.59	Yes
													LIFAGK	0.98	32.05	24.93	33.58	2	935.6058	935.6048	468.8097	0.0010	1.0665	3199.48	3008.32	3232.03	3826.36	Yes
RPS3	P23396	40S ribosomal protein S3	1.00	3	11.5	0.97	0.23	1.01	0.25	1.01	0.27	7	TEIIILATR	1.00	57.69	23.42	24.97	2	1172.7246	1172.7250	587.3698	-0.0004	-0.3405	1577.54	1700.93	1622.89	1618.91	Yes
													TEIIILATR	1.00	56.23	23.42	24.22	2	1172.7254	1172.7250	587.3698	0.0004	0.3405	1739.82	1997.21	1824.74	1929.77	Yes
													GLCAIAQAESLR	1.00	64.40	28.46	23.07	2	1420.7286	1420.7288	711.3717	-0.0002	-0.1406	242.91	216.33	209.33	246.09	Yes

													GLCAIAQAESLR	1.00	68.82	28.41	25.64	2	1420.7318	1420.7288	711.3717	0.0030	2.1086	242.10	348.09	271.81	377.26	Yes
													ACYGVLR	0.86	22.65	25.49	34.16	2	970.4852	970.4850	486.2498	0.0002	0.2057	742.37	1276.02	1183.37	1214.98	Yes
													ACYGVLR	0.90	20.77	25.49	20.29	2	970.4854	970.4850	486.2498	0.0004	0.4113	768.33	887.38	819.95	887.42	Yes
													ACYGVLR	0.77	19.23	25.73	20.52	2	970.4858	970.4850	486.2498	0.0008	0.8226	1336.61	1669.73	1547.94	1675.61	Yes
RPS3A	P61247	40S ribosomal protein S3a	1.00	3	12.7	1.02	0.13	1.04	0.14	1.02	0.25	7	KTSYAQHQQVR	0.80	14.84	28.12	14.50	4	1632.8929	1632.8940	409.2308	-0.0011	-0.6720	6.95	7.12	8.94	5.07	No
													ACQSIYPLHDVFVR	0.52	52.17	28.36	65.17	3	1836.9148	1836.9137	613.3118	0.0011	0.5978	403.85	365.22	561.97	481.79	Yes
													APAMFNIR	0.99	38.04	28.51	37.34	2	1062.5762	1062.5766	532.2956	-0.0004	-0.3757	1380.23	1515.55	1770.26	1822.76	Yes
													APAMFNIR	0.99	38.62	28.49	37.10	2	1062.5768	1062.5766	532.2956	0.0002	0.1879	1476.53	1909.22	1680.10	2034.75	Yes
													APAMFNIR	0.98	31.62	28.60	26.42	2	1078.5710	1078.5715	540.2930	-0.0005	-0.4627	256.89	378.02	291.75	364.05	Yes
													APAMFNIR	0.79	20.36	28.44	19.23	2	1078.5714	1078.5715	540.2930	-0.0001	-0.0925	211.11	323.58	243.47	276.15	Yes
													APAMFNIR	0.87	23.87	28.01	29.02	2	1062.5754	1062.5766	532.2956	-0.0012	-1.1272	75.09	110.92	83.82	101.16	Yes
													APAMFNIR	0.76	19.81	28.54	21.80	2	1062.5766	1062.5766	532.2956	0.0000	0.0000	62.22	63.64	62.15	62.54	Yes
RPS4X	P62701	40S ribosomal protein S4, X isoform	1.00	3	8.0	1.12	0.17	1.62	0.22	1.82	0.26	7	IGVITNR	0.90	24.99	27.76	29.85	2	915.5630	915.5623	458.7884	0.0007	0.7629	847.28	2074.27	1031.39	1613.39	Yes
													IGVITNR	0.58	17.71	27.76	27.60	2	915.5630	915.5623	458.7884	0.0007	0.7629	450.29	868.83	489.78	711.85	Yes
													IGVITNR	0.87	23.52	27.76	30.37	2	915.5616	915.5623	458.7884	-0.0007	-0.7629	944.86	2323.20	1370.88	1889.60	Yes
													IGVITNR	0.86	23.20	27.76	29.00	2	915.5616	915.5623	458.7884	-0.0007	-0.7629	1076.34	2718.59	1374.67	2387.38	Yes
													ICMQR	0.92	22.55	24.89	30.07	2	839.3930	839.3938	420.7042	-0.0008	-0.9508	403.32	811.17	623.07	791.36	Yes
													LSNIFVIGK	1.00	43.71	23.32	20.62	2	1277.7932	1277.7951	639.9048	-0.0019	-1.4846	270.77	537.10	362.57	604.68	Yes
													LSNIFVIGK	1.00	42.69	23.65	20.06	2	1277.7936	1277.7951	639.9048	-0.0015	-1.1721	705.88	1445.46	776.72	1458.95	Yes
RPS7	P62081	40S ribosomal protein S7	1.00	3	19.6	0.77	0.30	0.98	0.39	0.90	0.17	3	ELNITAAK	0.78	36.60	27.32	25.97	2	1146.6952	1146.6852	574.3499	0.0100	8.7054	293.47	264.74	172.37	234.40	Yes
													TLTAVHDAILEDLVFPSEIVGK	1.00	34.49	22.43	47.49	4	2654.4829	2654.4775	664.6267	0.0054	2.0312	15.02	16.27	12.40	18.87	No
													TLTAVHDAILEDLVFPSEIVGK	1.00	40.99	22.55	16.82	4	2654.4841	2654.4775	664.6267	0.0066	2.4826	12.16	16.09	10.47	16.01	No
													TLTAVHDAILEDLVFPSEIVGK	1.00	43.30	22.67	56.30	4	2654.4793	2654.4775	664.6267	0.0018	0.6771	14.21	6.08	11.29	14.05	No
													TLTAVHDAILEDLVFPSEIVGK	1.00	37.61	22.07	15.80	4	2654.4893	2654.4775	664.6267	0.0118	4.4386	12.07	12.04	6.95	17.48	No
													HVVFIAQR	0.76	26.97	26.14	19.55	2	1112.6534	1112.6577	557.3361	-0.0043	-3.8577	282.71	344.26	334.67	417.68	Yes
													HVVFIAQR	0.58	32.48	26.14	19.93	2	1112.6528	1112.6577	557.3361	-0.0049	-4.3959	293.26	342.48	291.62	429.18	Yes
RPS9	P46781	40S ribosomal protein S9	1.00	6	25.4	0.93	0.14	1.03	0.15	0.82	0.12	8	LQTQVFK	0.55	26.02	25.47	25.11	2	1150.7002	1150.6954	576.3550	0.0048	4.1641	3583.88	3041.44	3574.53	3394.21	Yes
													FTLAK	0.82	21.33	21.82	29.33	2	866.5486	866.5469	434.2807	0.0017	1.9573	1755.49	1752.84	1578.48	2151.00	Yes
													FTLAK	0.60	14.74	21.82	20.61	2	866.5492	866.5469	434.2807	0.0023	2.6480	81.69	93.72	106.35	118.87	Yes
													LDYILGLK	1.00	51.03	21.96	30.10	2	1221.7596	1221.7576	611.8861	0.0020	1.6343	1794.29	2080.48	1893.85	2367.05	Yes
													LFEGNALLR	1.00	43.38	27.88	30.13	2	1175.6788	1175.6784	588.8465	0.0004	0.3396	3065.07	3142.58	3584.68	4029.21	Yes
													LFEGNALLR	1.00	39.07	27.95	27.26	2	1175.6794	1175.6784	588.8465	0.0010	0.8491	5447.15	5500.77	6115.57	7389.42	Yes
													LFEGNALLR	1.00	52.32	27.97	32.03	2	1175.6810	1175.6784	588.8465	0.0026	2.2077	852.74	567.17	672.52	684.20	No
													VKFTLAK	0.82	15.68	15.91	15.91	3	1237.8112	1237.8124	413.6114	-0.0012	-0.9671	3707.87	4526.09	5949.22	5578.01	No
													MKLDYILGLK	1.00	31.76	18.45	17.68	3	1624.9978	1624.9951	542.6723	0.0027	1.6585	780.64	634.27	714.63	985.54	Yes
													MKLDYILGLK	1.00	37.15	18.45	25.54	3	1624.9978	1624.9951	542.6723	0.0027	1.6585	874.44	869.71	1010.75	1133.52	Yes
SERBP1	Q8NC51	Plasminogen activator inhibitor 1 RNA-binding protein	1.00	2	6.6	1.02	0.52	1.17	0.21	1.24	0.48	3	RPDQQLQGEGK	1.00	34.83	27.40	17.60	3	1542.8338	1542.8358	515.2859	-0.0020	-1.2938	51.42	52.78	45.74	61.66	Yes
													RPDQQLQGEGK	0.89	20.31	27.38	17.59	3	1542.8344	1542.8358	515.2859	-0.0014	-0.9056	35.93	31.75	28.81	52.97	No
													RPDQQLQGEGK	0.99	33.09	27.01	17.07	3	1542.8332	1542.8358	515.2859	-0.0026	-1.6819	33.67	66.54	61.53	51.26	Yes
													RPDQQLQGEGK	1.00	41.18	27.34	23.43	3	1542.8353	1542.8358	515.2859	-0.0005	-0.3234	34.90	40.83	26.46	41.48	No
													SAAQAAAQTNSNAAGK	1.00	114.76	27.95	26.61	2	1747.9044	1747.9056	874.9601	-0.0012	-0.6857	24.28	34.58	5.19	37.69	No
													SAAQAAAQTNSNAAGK	1.00	71.94	27.80	23.24	3	1747.9048	1747.9056	583.6425	-0.0008	-0.4569	37.75	71.62	16.98	65.82	No
													SAAQAAAQTNSNAAGK	1.00	63.58	27.90	24.71	3	1747.9054	1747.9056	583.6425	-0.0002	-0.1142	49.88	82.99	48.75	79.96	Yes
													SAAQAAAQTNSNAAGK	1.00	55.60	27.88	18.20	3	1747.9039	1747.9056	583.6425	-0.0017	-0.9709	8.26	18.70	11.76	16.23	No
													SAAQAAAQTNSNAAGK	1.00	49.48	27.90	18.26	3	1747.9042	1747.9056	583.6425	-0.0014	-0.7996	12.56	13.65	15.74	11.55	No
													SAAQAAAQTNSNAAGK	1.00	61.32	27.90	21.30	3	1747.9036	1747.9056	583.6425	-0.0020	-1.1423	20.27	21.99	21.04	35.58	No
													SAAQAAAQTNSNAAGK	1.00	60.56	27.90	19.87	3	1747.9054	1747.9056	583.6425	-0.0002	-0.1142	25.16	28.42	24.94	40.65	No
SFPQ	P23246	Splicing factor, proline- and glutamine-rich	1.00	6	11.2	1.00	0.15	1.10	0.14	1.32	0.25	14	QHHPPYHQQHHQGPPPGGPGGR	0.99	22.55	26.86	15.13	4	2402.1237	2402.1278	601.5392	-0.0041	-1.7040	4.44	3.78	3.14	0.00	No
													QHHPPYHQQHHQGPPPGGPGGR	0.99	21.12	26.87	19.26	4	2402.1261	2402.1278	601.5392	-0.0017	-0.7065	1.99	1.80	1.73	1.14	No
													GMGPGTPAGYGR	1.00	73.07	26.76	32.23	2	1263.6134	1263.6152	632.8149	-0.0018	-1.4222	489.14	621.34	427.38	680.38	Yes
													QHHPPYHQQHHQGPPPGGPGGR	1.00	43.55	27.25	56.55	4	2546.2301	2546.2299	637.5648	0.0002	0.0784	5.09	0.00	6.76	0.00	No
													SPPPGMGLNQNR	1.00	65.84	27.60	20.58	2	1410.7128	1410.7160	706.3653	-0.0032	-2.2651	243.33	386.22	294.04	339.44	Yes
													SPPPGMGLNQNR	1.00	59.90	27.56	24.67	2	1410.7136	1410.7160	706.3653	-0.0024	-1.6988	183.69	284.75	184.16	236.32	Yes
													FGQGGAGPVGGQGPR	0.92	20.37	27.87	16.61	3	1484.7619	1484.7607	495.9275	0.0012	0.8066	53.47	79.65	58.17	69.97	Yes
													FGQGGAGPVGGQGPR	1.00	89.13	27.74	26.03	2	1484.7622	1484.7607	743.3876	0.0015	1.0089	166.36	336.95	209.40	271.38	Yes
													FGQGGAGPVGGQGPR	0.94	20.97	27.88	16.91	3	1484.7610	1484.7607	495.9275	0.0003	0.2016	72.29	104.22	66.21	81.05	Yes
													FGQGGAGPVGGQGPR	1.00	91.59	27.89	32.47	2	1484.7610	1484.7607	743.3876	0.0003	0.2018	179.99	331.27	222.87	260.16	Yes
													FGQGGAGPVGGQGPR	0.94	21.17	27.86	14.50	3	1484.7613	1484.7607	495.9275	0.0006	0.4033	64.00	125.04	93.31	85.62	Yes
													ANLSLLR	0.96	26.03	26.57	31.44	2	929.5780	929.5780	465.7963	0.0000	0.0000	1537.16	2153.39	1762.69	2081.19	Yes
													ANLSLLR	0.96	25.55	26.57	31.45	2	929.5782	929.5780	465.7963	0.0002	0.2147	1090.51	1562.59	1361.69	1496.04	Yes
													FATHAAALSVR	1.00	51.64	28.18	30.37	3	1286.7202	1286.7217	429.9145	-0.0015	-1.1630	212.09	279.47	252.74	240.52	Yes
													FATHAAALSVR	1.00	31.64	27.87	27.01	3	1286.7214	1286.7217	429.9145	-0.0003	-0.2326	296.44	451.04	355.58	355.21	Yes
													FATHAAALSVR	1.00	42.24	27.92	27.42	3	1286.7220	1286.7217	429.9145	0.0003	0.2326	189.48	338.26	221.13	283.12	Yes
													FATHAAALSVR	1.00	50.82	27.92	24.28	3	1286.7220	1286.7217	429.9145	0.0003	0.2326	166.39	318.15	195.33	232.37	Yes
SLC25A3	Q00325	Phosphate carrier protein, mitochondrial	1.00	2	5.3	1.10	0.21	1.02	0.32	0.84	0.24	5	TVEALYK	0.97	27.49	25.39	30.47	2	1110.6520	1110.6528	556.3337	-0.0008	-0.7190	42.98	61.91	63.72	76.42	Yes
													IQTQPGYANTLR	0.97	46.82	28.06	32.28	2	1504.8234	1504.8120	753.4133	0.0114	7.5655	662.51	643.02	879.70	895.01	Yes
													IQTQPGYANTLR	0.98	51.32	28.05	31.30	2	1504.8238	1504.8120	753.4133	0.0118	7.8310	387.75	346.71	560.75	473.45	Yes
													IQTQPGYANTLR	1.00	48.50	28.42	30.38	2	1504.8104	1504.8120	753.4133	-0.0016	-1.0618	320.99	306.97	323.65	321.03	Yes
													IQTQPGYANTLR	1.00	45.53	28.38	32.21	2	1504.8110	1504.8120	753.4133	-0.0010	-0.6636	821.31	709.95	897.19	842.73	Yes
SLC25A5	P05141	ADP/ATP translocase 2	1.00	6	18.8	0.94	0.32	0.99	0.25	0.84	0.37	14	GMLPDPK	0.99	36.80	28.25	24.69	2	1044.5898	1044.5881	523.3013	0.0017	1.6243	1225.13	1096.40	1307.88	1354.95	Yes
													GLGDCLVK	1.00	54.14	27.80	26.25	2	1137.6134	1137.6130	569.8138	0.0004	0.3510	1832.55	1861.77	1580.17	1888.05	Yes
													GLGDCLVK	0.99	38.69	28.34	20.19	2	1137.6152	1137.6130	569.8138	0.0022	1.9305	4579.37	4555.88	4653.02	5784.99	Yes
													GLGDCLVK	1.00	51.97	27.78	25.62	2	1137.6144	1137.6130	569.8138	0.0014	1.2285	2445.92	2084.60	2079.59	2396.67	Yes
													DFLAGGVAAAISK	1.00	79.28	26.21	24.96	2	1506.8656	1506.8650	754.4398	0.0006	0.3976	445.40	390.68	492.60	445.62	Yes
													QIFLGGVDKR	0.99	29.79	24.42	29.38	3	1419.8455	1419.8442	474.2887	0.0013	0.9136	11702.14	7108.02	9679.91	12754.82	Yes
													QIFLGGVDKR	0.55	10.57	24.07	19.34	3	1419.8467	1419.8442	474.2887	0.0025	1.7570	8648.88	4643.64	6064.74	8492.46	Yes
													LLLQVQHASK	0.52	19.91	21.93	32.91	3	1423.8769	1423.8755	475.6324	0.0014	0.9811	791.88	1467.73	1319.06	1354.85	Yes
													LLLQVQHASK	1.00	43.81	22.04	21.12	3	1423.8763	1423.8755	475.6324	0.0008	0.5607	3161.29	4151.01	4711.59	4402.91	Yes

													LLLQVQHASK	1.00	34.38	22.04	16.01	3	1423.8775	1423.8755	475.6324	0.0020	1.4016	2722.47	4073.38	4563.96	4100.13	Yes
													LLLQVQHASK	1.00	30.85	22.20	19.41	3	1423.8757	1423.8755	475.6324	0.0002	0.1402	804.88	935.20	908.55	1001.24	Yes
													LLLQVQHASK	1.00	38.51	21.11	16.94	3	1423.8790	1423.8755	475.6324	0.0035	2.4529	967.48	1503.90	1389.60	1657.36	Yes
													GAWSNVLR	1.00	45.06	28.74	32.76	2	1045.5790	1045.5791	523.7968	-0.0001	-0.0955	1153.68	903.73	1128.72	1331.43	Yes
													GAWSNVLR	1.00	39.00	28.69	28.86	2	1045.5792	1045.5791	523.7968	0.0001	0.0955	2295.90	2196.37	1978.00	2571.36	Yes
SLC3A2	P08195	4F2 cell-surface antigen heavy chain	1.00	2	3.7	1.03	-	0.83	-	0.84	-	1	GQSEDPGSLLSLFR	1.00	77.15	28.20	28.04	2	1648.8558	1648.8542	825.4344	0.0016	0.9692	17.19	15.53	17.15	21.72	No
													VAGSPGWVR	0.88	22.07	27.34	25.90	2	1071.5948	1071.5947	536.8046	0.0001	0.0931	2215.59	2239.66	2616.75	2240.14	Yes
SMC3	Q9UQE7	Structural maintenance of chromosomes protein 3	1.00	2	4.6	0.74	0.15	0.83	0.11	0.83	0.03	4	IKLEGIITR	0.94	25.36	19.03	23.35	3	1329.8590	1329.8587	444.2935	0.0003	0.2251	1290.31	1288.29	1336.63	1390.99	Yes
													IKLEGIITR	0.89	17.39	18.57	14.95	3	1329.8599	1329.8587	444.2935	0.0012	0.9003	382.18	396.91	336.08	391.38	Yes
													QVIIQGFR	1.00	46.12	26.34	21.41	2	1103.6572	1103.6573	552.8359	-0.0001	-0.0904	665.25	642.17	566.63	724.79	Yes
													QVIIQGFR	0.74	32.18	26.84	45.18	2	1103.6568	1103.6573	552.8359	-0.0005	-0.4522	228.40	230.48	153.34	194.41	Yes
SNRPD3	P62318	Small nuclear ribonucleoprotein Sm D3	1.00	2	15.1	0.86	0.20	1.00	0.20	1.34	0.47	2	VAQLEQVYIR	1.00	69.81	28.10	27.48	2	1361.7788	1361.7789	681.8967	-0.0001	-0.0733	1528.62	2000.09	1320.97	1659.07	Yes
													FLILPDMLK	0.99	41.25	24.27	34.18	2	1376.8368	1376.8345	689.4245	0.0023	1.6681	146.26	288.59	167.53	200.43	Yes
SYNCRIP	O60506	Heterogeneous nuclear ribonucleoprotein Q	1.00	2	4.2	1.05	0.05	0.97	0.05	1.63	0.01	2	LDEIYVAGLVAHSDLDER	1.00	63.06	27.85	18.05	3	2158.1047	2158.1028	720.3749	0.0019	0.8792	22.52	14.52	13.82	5.69	No
													LFVGSIPK	1.00	37.28	24.27	27.67	2	1147.7192	1147.7209	574.8677	-0.0017	-1.4786	1745.69	3429.57	2036.81	2002.80	Yes
													LFVGSIPK	1.00	37.36	23.58	27.76	2	1147.7204	1147.7209	574.8677	-0.0005	-0.4349	1889.72	3727.92	2327.68	2309.05	Yes
SYNE2	Q8WXH0	Nesprin-2	1.00	2	0.6	0.98	0.27	0.81	0.09	0.79	0.09	2	SQGNYLLECTK	0.61	28.53	27.40	18.31	2	1588.7896	1588.7833	795.3989	0.0063	3.9603	113.22	115.08	106.82	105.19	Yes
													VQDTEISLQQQQQHLQLR	1.00	46.36	27.08	19.97	3	2335.2349	2335.2366	779.4195	-0.0017	-0.7270	75.52	67.23	100.52	79.54	Yes
TAF15	Q92804	TATA-binding protein-associated factor 2N	1.00	2	9.5	0.92	-	1.02	-	1.97	-	1	QSSYSQQPYNNQGQQQNMESSGSQGGR	1.00	123.72	20.13	20.84	3	3134.3452	3134.3466	1045.7895	-0.0014	-0.4462	3.86	1.40	0.00	1.24	No
													AAIDWFDGKEFHGNIIK	0.91	18.25	26.09	31.25	4	2392.2913	2392.2905	599.0799	0.0008	0.3338	228.21	540.18	240.03	281.96	Yes
TCERG1	O14776	Transcription elongation regulator 1	0.96	2	1.7	0.87	0.23	0.91	0.05	1.20	0.65	2	GPPPPPTASEPTRR	0.65	15.18	28.16	20.03	3	1602.8599	1602.8600	535.2939	-0.0001	-0.0623	201.59	211.38	171.64	230.62	Yes
													FITYR	0.59	15.39	25.66	25.58	2	842.4764	842.4772	422.2459	-0.0008	-0.9473	2277.65	4476.31	2680.13	2447.09	Yes
TCOF1	Q13428	Treacle protein	1.00	2	2.1	0.99	0.06	1.19	0.17	0.86	0.08	3	KGAAPTPPGK	0.52	15.07	22.99	28.07	3	1354.8298	1354.8298	452.6172	0.0000	0.0000	40.86	39.78	44.00	52.03	Yes
													KGAAPTPPGK	0.95	20.24	22.94	19.21	3	1354.8283	1354.8298	452.6172	-0.0015	-1.1047	65.43	74.29	74.61	98.62	Yes
													KGAAPTPPGK	0.89	14.21	22.99	14.41	3	1354.8298	1354.8298	452.6172	0.0000	0.0000	61.12	61.96	72.73	97.41	Yes
													TNVVTMPTAHPR	0.52	68.02	28.05	81.02	3	1482.7738	1482.7735	495.2651	0.0003	0.2019	28.73	51.99	27.29	35.06	No
													TNVVTMPTAHPR	1.00	48.04	28.00	16.74	3	1482.7741	1482.7735	495.2651	0.0006	0.4038	22.66	13.15	24.88	24.44	No
													TNVVTMPTAHPR	0.52	49.50	28.00	62.50	3	1482.7741	1482.7735	495.2651	0.0006	0.4038	23.25	38.38	35.64	19.81	No
TCP1	P17987	T-complex protein 1 subunit alpha	1.00	3	5.8	1.03	0.05	0.93	0.17	0.78	0.17	5	AFHNEAQVNPERK	1.00	26.02	26.81	23.11	4	1826.9665	1826.9631	457.7481	0.0034	1.8569	917.06	693.25	1025.83	963.52	Yes
													FATEAAITILR	1.00	66.57	26.21	21.65	2	1348.7836	1348.7836	675.3991	0.0000	0.0000	1992.30	2373.04	2494.49	2798.73	Yes
													FATEAAITILR	1.00	60.11	25.84	21.84	2	1348.7842	1348.7836	675.3991	0.0006	0.4442	3261.25	3426.50	3991.27	4011.62	Yes
													TSASIILR	0.99	45.50	26.04	39.94	2	1003.6130	1003.6148	502.8147	-0.0018	-1.7899	1419.03	1264.39	1637.26	1397.34	Yes
													TSASIILR	0.99	45.50	26.04	39.21	2	1003.6132	1003.6148	502.8147	-0.0016	-1.5910	1449.71	1270.18	1694.90	1535.08	Yes
TECR	Q9NZ01	Trans-2,3-enoyl-CoA reductase	1.00	2	5.5	0.92	0.08	0.88	0.18	0.70	0.08	3	FSHGTMPLR	0.91	19.61	27.44	14.82	3	1204.6147	1204.6145	402.5454	0.0002	0.1656	159.94	148.00	183.16	198.47	Yes
													FSHGTMPLR	0.52	21.09	27.44	34.09	3	1204.6147	1204.6145	402.5454	0.0002	0.1656	162.98	127.41	160.12	180.89	Yes
													FSHGTMPLR	0.98	25.15	27.44	16.61	3	1204.6150	1204.6145	402.5454	0.0005	0.4140	139.02	112.27	142.51	122.58	Yes
													MPIIPFLL	0.72	24.72	23.56	37.72	2	1086.6640	1086.6633	544.3389	0.0007	0.6430	8.99	12.14	13.85	13.18	No
													MPIIPFLL	1.00	35.90	24.25	15.49	2	1086.6646	1086.6633	544.3389	0.0013	1.1941	8.68	11.34	10.80	13.39	No
													MPIIPFLL	0.72	31.78	23.56	44.78	2	1086.6642	1086.6633	544.3389	0.0009	0.8267	9.43	15.35	7.53	6.31	No
													MPIIPFLL	0.98	31.59	24.35	16.06	2	1086.6654	1086.6633	544.3389	0.0021	1.9289	6.41	4.57	8.03	7.44	No
TFG	Q92734	Protein TFG	1.00	2	7.3	0.69	-	0.51	-	0.38	-	1	LLSNDEVTIK	1.00	56.56	26.21	43.84	2	1418.8234	1418.8224	710.4185	0.0010	0.7038	636.57	292.09	505.14	396.11	Yes
													IPIHNEDITYDELVLMMQR	1.00	38.57	26.90	19.18	3	2473.2511	2473.2467	825.4228	0.0044	1.7769	32.67	15.68	56.31	37.80	No
THBS1	P07996	Thrombospondin-1	1.00	2	2.2	0.71	0.21	0.69	0.13	0.70	0.21	3	FVFGTTPEDILR	1.00	55.68	27.60	25.98	2	1537.8278	1537.8262	769.9204	0.0016	1.0391	265.47	171.53	178.92	208.07	Yes
													FVFGTTPEDILR	1.00	46.17	27.63	23.26	2	1537.8292	1537.8262	769.9204	0.0030	1.9482	261.49	222.81	194.53	199.69	Yes
													NALWHTGNTPGQVR	0.99	37.19	27.60	17.40	3	1693.8733	1693.8770	565.6329	-0.0037	-2.1805	364.69	387.13	392.48	364.02	Yes
TMF1	P82094	TATA element modulatory factor	1.00	3	5.3	1.13	0.12	1.14	0.13	1.05	0.14	8	AEEAEELRLDLEDVK	1.00	37.73	27.54	16.07	3	2046.0739	2046.0724	683.0314	0.0015	0.7320	553.45	692.92	707.75	894.97	Yes
													AEEAEELRLDLEDVK	0.99	35.45	27.49	15.82	3	2046.0742	2046.0724	683.0314	0.0018	0.8784	258.23	320.40	317.46	324.81	Yes
													AEEAEELRLDLEDVK	0.97	31.30	27.58	15.69	3	2046.0724	2046.0724	683.0314	0.0000	0.0000	178.88	185.07	197.96	229.04	Yes
													ALLEEAFDNLKDEMFR	1.00	38.11	27.73	18.53	3	2228.1415	2228.1391	743.7203	0.0024	1.0757	202.94	244.94	273.40	298.24	Yes
													ALLEEAFDNLKDEMFR	1.00	39.33	27.81	20.01	3	2228.1421	2228.1391	743.7203	0.0030	1.3446	529.82	762.94	726.19	795.55	Yes
													ALLEEAFDNLKDEMFR	0.99	34.53	27.74	16.19	3	2228.1409	2228.1391	743.7203	0.0018	0.8068	120.41	157.88	149.30	155.50	Yes
													ALLEEAFDNLKDEMFR	1.00	52.26	27.72	17.47	3	2228.1427	2228.1391	743.7203	0.0036	1.6135	34.77	46.18	47.60	36.45	No
													NQELSQSVSSTTRPLLR	1.00	39.44	26.75	25.03	3	2059.1131	2059.1143	687.3787	-0.0012	-0.5819	1174.95	1745.08	1760.53	1707.03	Yes
													NQELSQSVSSTTRPLLR	0.99	29.38	26.73	21.18	3	2059.1134	2059.1143	687.3787	-0.0009	-0.4364	1384.19	1750.75	1736.66	1795.75	Yes
TRIM21	P19474	52 kDa Ro protein	1.00	25	57.5	1.35	0.35	1.02	0.26	1.27	0.59	113	NFLVEEEQR	0.72	20.09	25.79	21.55	2	1162.5600	1162.5618	582.2882	-0.0018	-1.5456	10.78	10.50	10.14	3.97	No
													NFLVEEEQR	0.94	24.93	25.80	19.56	2	1162.5606	1162.5618	582.2882	-0.0012	-1.0304	5.91	8.44	5.07	6.82	No
													NFLVEEEQR	0.99	29.77	26.07	24.84	2	1162.5616	1162.5618	582.2882	-0.0002	-0.1717	3.36	0.83	3.82	0.00	No
													NFLVEEEQR	0.79	17.99	26.07	20.20	2	1162.5618	1162.5618	582.2882	0.0000	0.0000	4.81	0.00	1.85	0.00	No
													QLQELEKDER	0.95	29.82	27.99	21.75	3	1574.8519	1574.8507	525.9575	0.0012	0.7605	15457.14	26679.13	26786.71	19151.15	Yes
													NFLVEEEQR	1.00	57.86	27.80	27.71	2	1306.6656	1306.6639	654.3392	0.0017	1.2990	3632.39	8023.90	6869.92	5325.35	Yes
													QLQELEKDER	0.97	31.90	28.22	21.42	3	1574.8513	1574.8507	525.9575	0.0006	0.3803	20621.61	38070.66	33170.53	29722.79	Yes
													QLQELEKDER	0.96	31.31	27.99	20.46	3	1574.8531	1574.8507	525.9575	0.0024	1.5210	16451.78	27595.00	25715.61	20505.00	Yes
													DHAMVPLEEAAQEYQEK	1.00	45.40	26.82	17.74	4	2275.1057	2275.1034	569.7831	0.0023	1.0092	42.12	35.83	56.01	53.77	Yes
													DHAMVPLEEAAQEYQEK	1.00	62.22	26.86	16.95	3	2275.1086	2275.1034	759.3751	0.0052	2.2826	28.05	28.32	31.56	25.42	No
													NFLVEEEQR	1.00	60.35	27.88	28.90	2	1306.6722	1306.6639	654.3392	0.0083	6.3422	572.26	1260.71	949.96	778.00	Yes
													NFLVEEEQR	1.00	62.06	28.29	29.67	2	1306.6730	1306.6639	654.3392	0.0091	6.9535	366.89	691.62	501.41	448.03	Yes
													QLQELEKDER	0.93	32.13	28.13	20.46	3	1574.8492	1574.8507	525.9575	-0.0015	-0.9506	3203.92	5672.87	5017.21	4139.71	Yes
													QLQELEKDER	0.80	26.53	28.10	18.76	3	1574.8498	1574.8507	525.9575	-0.0009	-0.5704	1359.03	2120.43	1854.35	1492.72	Yes
													KQELAEK	0.70	25.06	25.50	30.09	3	1276.7689	1276.7716	426.5978	-0.0027	-2.1097	113.66	188.08	191.15	141.25	Yes
													KQELAEK	0.61	18.12	25.50	24.36	3	1276.7689	1276.7716	426.5978	-0.0027	-2.1097	68.44	109.39	114.71	96.70	Yes
													LGDTQQSIPGNEER	1.00	84.30	27.11	28.01	2	1686.8292	1686.8295	844.4220	-0.0003	-0.1776	728.68	2588.97	1656.22	1384.14	Yes
													KQELAEK	0.51	21.80	25.77	26.14	3	1276.7671	1276.7716	426.5978	-0.0045	-3.5162	103.62	115.40	127.31	97.10	Yes
													DLDITSPELR	0.97	41.30	28.15	27.19	2	1301.7024	1301.6949	651.8547	0.0075	5.7528	31.98	54.28	53.56	34.87	Yes
													DLDITSPELR	1.00	59.83	28.15	29.43	2	1301.7036	1301.6949	651.8547	0.0087	6.6732	1006.02	1664.11	1383.95	1037.62	Yes
													DLDITSPELR	1.00	59.84	28.14	27.23	2	1301.7042	1301.6949	651.8547	0.0093	7.1334	1701.69	2475.63	2271.79	1913.31	Yes
													DLDITSPELR	1.00	59.86	28.41	27.24	2	1301.7044	1301.6949	651.8547	0.0095	7.2868	1584.86	3080.86	2063.23	1976.49	Yes
													HYWEVDVTGK	0.96	25.44	27.86	24.67	3	1520.7910	1520.7867	507.9362	0.0043	2.8219	271.48	415.04	291.36	289.87	Yes
													LEVEIAIK	0.92	50.14	21.67	32.69	2	1201.7516	1201.7525	601.8835	-0.0009	-0.7477	460.06	716.56	631.45	618.04	Yes

IHAEFVQQK	1.00	46.88	27.40	30.52	2	1386.7856	1386.7863	694.4004	-0.0007	-0.5040	4463.46	2499.57	7228.90	5455.95	Yes
IHAEFVQQK	1.00	41.96	27.09	26.70	2	1386.7874	1386.7863	694.4004	0.0011	0.7920	3220.17	2006.95	5658.41	4142.59	Yes
IHAEFVQQK	0.52	17.89	26.19	18.73	3	1386.7921	1386.7863	463.2694	0.0058	4.1732	19916.51	11307.45	35491.45	27504.15	Yes
EAWDLGVCR	1.00	44.83	24.50	19.54	2	1237.5688	1237.5705	619.7925	-0.0017	-1.3714	9730.19	26386.60	20367.62	13976.58	Yes
EAWDLGVCR	1.00	45.88	24.76	22.51	2	1237.5712	1237.5705	619.7925	0.0007	0.5647	13738.05	36157.71	27052.12	23223.28	Yes
IHAEFVQQK	0.61	22.49	27.56	21.55	2	1242.6816	1242.6843	622.3494	-0.0027	-2.1692	46.00	155.34	55.77	69.37	Yes
IHAEFVQQK	0.70	15.83	26.49	20.10	3	1386.7891	1386.7863	463.2694	0.0028	2.0147	2736.40	1580.34	3305.95	2141.41	Yes
EAWDLGVCR	1.00	50.15	24.70	25.25	2	1237.5702	1237.5705	619.7925	-0.0003	-0.2420	1993.91	5757.15	4416.73	3465.48	Yes
EAWDLGVCR	1.00	44.48	24.74	23.32	2	1237.5714	1237.5705	619.7925	0.0009	0.7260	731.86	2260.73	1603.43	1161.65	Yes
LEVEIAIKR	1.00	42.32	21.90	28.37	3	1357.8526	1357.8536	453.6251	-0.0010	-0.7348	1068.95	1801.48	1646.98	1359.33	Yes
LEVEIAIKR	1.00	35.28	21.99	25.43	3	1357.8535	1357.8536	453.6251	-0.0001	-0.0735	963.12	1571.37	1470.69	1135.99	Yes
LQVALGELR	0.98	42.41	24.20	45.33	2	1141.6940	1141.6941	571.8543	-0.0001	-0.0874	24395.86	42002.09	42578.09	31019.11	Yes
LQVALGELR	0.97	39.92	23.36	43.10	2	1141.6946	1141.6941	571.8543	0.0005	0.4372	13592.34	22339.96	22256.65	16707.94	Yes
LHLFCEK	0.98	25.64	28.49	18.12	3	1222.6453	1222.6446	408.5555	0.0007	0.5711	7472.66	3429.66	12468.35	8173.73	Yes
LHLFCEK	0.95	22.48	28.48	19.11	3	1222.6456	1222.6446	408.5555	0.0010	0.8159	7451.69	4844.47	13157.25	9170.91	Yes
QLANMVNNLK	1.00	28.37	27.08	25.42	3	1431.8113	1431.8111	478.2776	0.0002	0.1394	319.99	635.28	444.49	458.30	Yes
QLANMVNNLK	1.00	58.19	27.03	25.67	2	1431.8116	1431.8111	716.9128	0.0005	0.3487	7493.35	11677.22	11634.39	8750.22	Yes
QLANMVNNLK	1.00	61.20	27.03	27.30	2	1431.8120	1431.8111	716.9128	0.0009	0.6277	2754.56	4582.12	4123.15	2889.05	Yes
QLANMVNNLK	1.00	37.76	27.05	25.86	3	1431.8125	1431.8111	478.2776	0.0014	0.9757	1093.14	1635.72	1453.76	1324.98	Yes
QLANMVNNLK	1.00	45.38	27.77	25.68	2	1447.8068	1447.8060	724.9103	0.0008	0.5518	492.20	845.74	814.20	605.73	Yes
QLANMVNNLK	1.00	44.02	27.79	30.60	2	1447.8072	1447.8060	724.9103	0.0012	0.8277	719.68	1009.16	1190.68	852.17	Yes
QLANMVNNLK	0.99	26.88	27.79	22.36	3	1447.8082	1447.8060	483.6093	0.0022	1.5164	57.65	21.77	73.27	29.40	No
FDSYPMVLGAQHFHSGK	1.00	38.22	27.27	24.21	4	2208.1073	2208.1030	553.0330	0.0043	1.9438	7.75	0.00	23.11	6.60	No
FDSYPMVLGAQHFHSGK	1.00	36.82	27.13	16.87	4	2208.1089	2208.1030	553.0330	0.0059	2.6671	0.00	21.67	16.69	6.12	No
LQVALGELR	0.97	41.48	23.36	44.31	2	1141.6946	1141.6941	571.8543	0.0005	0.4372	7001.52	12475.66	9716.36	7875.81	Yes
LQVALGELR	0.97	41.36	23.36	44.42	2	1141.6946	1141.6941	571.8543	0.0005	0.4372	18940.29	37761.43	29911.92	26293.89	Yes
GHFLLSSK	1.00	42.81	26.92	18.59	2	1175.6886	1175.6906	588.8526	-0.0020	-1.6982	2470.98	3242.77	4113.70	3396.32	Yes
GHFLLSSK	1.00	42.67	27.64	17.15	2	1175.6900	1175.6906	588.8526	-0.0006	-0.5095	1904.12	2269.99	2808.85	2308.68	Yes
LHLFCEK	0.91	20.61	28.52	18.71	3	1222.6450	1222.6446	408.5555	0.0004	0.3264	2673.33	1267.20	4753.67	3080.59	Yes
LHLFCEK	1.00	35.46	28.49	18.38	3	1222.6453	1222.6446	408.5555	0.0007	0.5711	8045.03	3779.89	13948.16	9633.25	Yes
QLANMVNNLK	1.00	59.55	27.44	27.59	2	1431.8108	1431.8111	716.9128	-0.0003	-0.2092	9879.61	15256.63	14094.76	11403.30	Yes
QLANMVNNLK	1.00	35.96	27.08	29.52	3	1431.8116	1431.8111	478.2776	0.0005	0.3485	1265.24	2011.56	2264.19	1660.96	Yes
QLANMVNNLK	1.00	65.00	27.03	29.09	2	1431.8116	1431.8111	716.9128	0.0005	0.3487	13638.45	19625.22	17805.83	15788.47	Yes
QLANMVNNLK	0.99	25.59	27.08	26.00	3	1431.8122	1431.8111	478.2776	0.0011	0.7666	258.15	312.86	168.49	211.13	Yes
QLANMVNNLK	0.97	42.64	27.72	33.97	2	1447.8154	1447.8060	724.9103	0.0094	6.4835	467.16	585.93	584.32	393.87	Yes
QLANMVNNLK	0.90	41.10	27.71	23.41	2	1447.8160	1447.8060	724.9103	0.0100	6.8974	986.63	1774.95	1681.62	1299.32	Yes
FDSYPMVLGAQHFHSGK	1.00	37.88	27.23	18.50	3	2208.1033	2208.1030	737.0416	0.0003	0.1357	944.48	1643.13	1581.99	1272.09	Yes
FDSYPMVLGAQHFHSGK	1.00	49.10	27.16	20.39	4	2208.1101	2208.1030	553.0330	0.0071	3.2096	2128.38	4568.69	3782.77	3529.29	Yes
FDSYPMVLGAQHFHSGK	1.00	48.39	27.18	18.14	4	2208.1121	2208.1030	553.0330	0.0091	4.1137	865.29	2051.38	2062.67	2206.05	Yes
FDSYPMVLGAQHFHSGK	1.00	48.36	27.23	16.08	3	2224.0963	2224.0979	742.3732	-0.0016	-0.7184	275.71	433.37	417.12	297.81	Yes
FDSYPMVLGAQHFHSGK	1.00	45.29	27.19	16.16	3	2224.0972	2224.0979	742.3732	-0.0007	-0.3143	101.13	212.73	190.89	151.26	Yes
FDSYPMVLGAQHFHSGK	1.00	26.09	27.22	21.85	4	2224.0985	2224.0979	557.0318	0.0006	0.2693	1247.40	1750.54	1508.73	1466.15	Yes
FDSYPMVLGAQHFHSGK	1.00	32.04	27.23	22.62	4	2224.0989	2224.0979	557.0318	0.0010	0.4488	2994.74	5508.34	4003.54	3992.59	Yes
LAQQSQALQELISELDRR	1.00	67.25	25.28	23.60	3	2241.2233	2241.2198	748.0805	0.0035	1.5595	3423.49	7074.67	7177.01	5883.83	Yes
TCAVHITLDPDTANPWLILSEDRR	1.00	39.57	26.78	21.73	4	2925.4661	2925.4599	732.3723	0.0062	2.1164	178.72	291.82	109.92	50.72	Yes
LQVALGELR	0.98	45.12	23.36	46.47	2	1141.6946	1141.6941	571.8543	0.0005	0.4372	4165.54	7976.31	6694.26	5443.74	Yes
LQVALGELR	0.90	45.17	23.94	46.81	2	1141.6974	1141.6941	571.8543	0.0033	2.8853	9500.50	16246.22	13899.74	11166.53	Yes
GHFLLSSK	0.99	37.90	26.88	18.19	2	1175.6880	1175.6906	588.8526	-0.0026	-2.2077	1641.92	2111.40	2382.32	1903.47	Yes
GHFLLSSK	1.00	38.28	27.64	19.43	2	1175.6898	1175.6906	588.8526	-0.0008	-0.6793	2414.18	2786.87	3935.13	3262.23	Yes
LHLFCEK	0.97	25.22	28.97	20.99	3	1222.6462	1222.6446	408.5555	0.0016	1.3054	3485.63	1967.68	7578.10	4980.07	No
LHLFCEK	0.97	25.30	28.97	24.01	3	1222.6462	1222.6446	408.5555	0.0016	1.3054	6015.98	2861.34	10840.14	7229.00	Yes
SVCHVPGLK	0.69	24.02	27.74	26.97	2	1272.6894	1272.6926	637.3536	-0.0032	-2.5104	575.31	961.92	765.69	625.85	Yes
SVCHVPGLK	0.57	13.72	27.73	20.95	3	1272.6925	1272.6926	425.2381	-0.0001	-0.0784	5010.16	7668.53	6320.58	5951.59	Yes
QLANMVNNLK	1.00	33.23	27.08	26.51	3	1431.8110	1431.8111	478.2776	-0.0001	-0.0697	443.33	305.59	351.34	327.94	Yes
QLANMVNNLK	0.94	26.63	27.08	32.19	3	1431.8116	1431.8111	478.2776	0.0005	0.3485	323.20	255.59	143.86	204.07	No
QLANMVNNLK	1.00	57.99	26.50	25.51	2	1431.8142	1431.8111	716.9128	0.0031	2.1620	196.00	336.80	245.49	305.83	Yes
QLANMVNNLK	1.00	51.16	26.79	27.09	2	1431.8150	1431.8111	716.9128	0.0039	2.7200	81.76	213.77	163.33	127.88	Yes
QLANMVNNLK	1.00	40.75	27.90	20.52	2	1447.8038	1447.8060	724.9103	-0.0022	-1.5174	1109.80	1663.19	1826.80	1891.82	Yes
KGHFLLSSK	0.72	28.18	21.58	41.18	2	1447.8884	1447.8876	724.9511	0.0008	0.5518	207.84	269.43	444.52	321.25	Yes
KGHFLLSSK	0.56	27.36	20.97	40.36	2	1447.8900	1447.8876	724.9511	0.0024	1.6553	216.96	311.10	472.98	346.69	Yes
LAQQSQALQELISELDRR	1.00	32.04	26.95	18.79	3	2097.1207	2097.1178	700.0465	0.0029	1.3809	8.59	30.64	3.94	11.65	No
FDSYPMVLGAQHFHSGK	1.00	40.74	27.29	16.47	4	2208.1057	2208.1030	553.0330	0.0027	1.2205	442.53	983.46	791.13	710.15	Yes
FDSYPMVLGAQHFHSGK	1.00	49.94	27.22	21.15	4	2208.1077	2208.1030	553.0330	0.0047	2.1246	916.43	1966.42	1435.83	1308.26	Yes
FDSYPMVLGAQHFHSGK	1.00	33.84	27.20	16.13	4	2224.0997	2224.0979	557.0318	0.0018	0.8079	1372.47	2388.97	1484.09	1421.11	Yes
FDSYPMVLGAQHFHSGK	1.00	35.11	27.13	48.11	4	2224.1009	2224.0979	557.0318	0.0030	1.3464	3086.89	6827.55	3453.41	4194.82	Yes
LAQQSQALQELISELDRR	1.00	45.55	25.31	18.47	3	2241.2242	2241.2198	748.0805	0.0044	1.9606	7900.52	16408.97	15060.08	10471.29	Yes
NTAPLTLCPLNIGSQGSTDY	0.52	47.28	26.65	60.28	3	2254.0729	2254.0732	752.3650	-0.0003	-0.1329	19.28	13.90	17.35	18.76	No
NTAPLTLCPLNIGSQGSTDY	0.52	40.97	26.66	53.97	3	2254.0744	2254.0732	752.3650	0.0012	0.5317	9.58	22.05	19.50	26.03	No
TCAVHITLDPDTANPWLILSEDRR	1.00	25.52	26.74	38.52	4	2925.4645	2925.4599	732.3723	0.0046	1.5702	13.11	10.15	21.95	23.50	No
TCAVHITLDPDTANPWLILSEDRR	1.00	43.81	26.69	23.08	4	2925.4685	2925.4599	732.3723	0.0086	2.9357	5.87	11.66	9.61	15.09	No
LQVALGELR	0.98	47.60	24.36	48.52	2	1141.6952	1141.6941	571.8543	0.0011	0.9618	4316.52	5495.11	5007.25	4438.59	Yes
LQVALGELR	0.94	37.31	24.39	40.31	2	1141.6956	1141.6941	571.8543	0.0015	1.3115	8374.23	12294.50	11406.36	8862.51	Yes
LHLFCEK	0.96	22.96	28.48	18.99	3	1222.6456	1222.6446	408.5555	0.0010	0.8159	981.30	437.08	1658.59	1060.75	Yes
LHLFCEK	0.89	21.16	28.97	17.90	3	1222.6462	1222.6446	408.5555	0.0016	1.3054	943.09	533.85	1882.95	1281.84	Yes
SVCHVPGLK	0.65	16.37	27.75	20.25	3	1272.6916	1272.6926	425.2381	-0.0010	-0.7839	5177.29	7221.61	6774.22	5823.93	Yes
KGHFLLSSK	0.91	28.04	22.48	16.88	3	1447.8802	1447.8876	483.6365	-0.0074	-5.1003	358.98	557.75	683.91	511.53	Yes
KGHFLLSSK	0.80	30.60	21.58	43.60	2	1447.8874	1447.8876	724.9511	-0.0002	-0.1379	147.78	254.92	337.93	186.96	Yes
KGHFLLSSK	0.80	36.96	21.58	49.96	2	1447.8880	1447.8876	724.9511	0.0004	0.2759	174.37	281.13	374.79	247.82	Yes

													FDSYPMVLGAQHFHSGK	1.00	36.46	27.26	17.09	4	2208.1037	2208.1030	553.0330	0.0007	0.3164	94.99	235.11	126.14	138.45	Yes
													FDSYPMVLGAQHFHSGK	1.00	43.04	27.31	20.79	4	2208.1041	2208.1030	553.0330	0.0011	0.4973	866.53	1677.11	1416.13	1149.25	Yes
													FDSYPMVLGAQHFHSGK	1.00	33.05	27.22	15.93	4	2224.0985	2224.0979	557.0318	0.0006	0.2693	933.50	1508.84	1401.38	1509.09	Yes
													FDSYPMVLGAQHFHSGK	1.00	29.46	27.23	18.36	4	2224.0989	2224.0979	557.0318	0.0010	0.4488	524.88	987.65	742.14	641.15	Yes
													LAQQSQALQELISELDRR	0.52	57.57	25.31	70.57	3	2241.2212	2241.2198	748.0805	0.0014	0.6238	259.83	678.71	622.34	412.09	Yes
													NTAPLTLCPLNIGSQGSTDY	1.00	77.98	26.69	20.74	2	2254.0754	2254.0732	1128.0439	0.0022	0.9751	0.00	9.24	0.00	0.00	No
													TCAVHITLDPDTANPWLILSEDRR	0.59	11.46	26.70	14.71	4	2925.4637	2925.4599	732.3723	0.0038	1.2972	0.00	10.34	0.00	12.67	No
													TCAVHITLDPDTANPWLILSEDRR	1.00	40.99	26.75	27.90	4	2925.4665	2925.4599	732.3723	0.0066	2.2529	0.00	16.57	10.59	12.72	No
													LQVALGELR	0.97	32.05	23.36	35.29	2	1141.6946	1141.6941	571.8543	0.0005	0.4372	3013.20	3090.03	3219.62	2736.03	Yes
													LQVALGELR	0.97	29.18	24.36	32.37	2	1141.6952	1141.6941	571.8543	0.0011	0.9618	2356.37	2505.99	2450.73	2298.72	Yes
													KGHFLLSSK	0.52	27.63	21.58	40.63	3	1447.8886	1447.8876	483.6365	0.0010	0.6892	453.88	617.93	855.79	544.91	Yes
													CHSSALELLQEVIIVLER	1.00	35.27	25.68	15.56	4	2241.2009	2241.1983	561.3069	0.0026	1.1580	5.02	12.83	9.82	4.54	No
													CHSSALELLQEVIIVLER	1.00	57.88	25.28	22.73	3	2241.2035	2241.1983	748.0734	0.0052	2.3171	1.94	1.20	0.00	4.18	No
													CHSSALELLQEVIIVLER	1.00	61.70	25.21	21.27	3	2241.2041	2241.1983	748.0734	0.0058	2.5844	3.64	1.08	2.85	0.00	No
													TCAVHITLDPDTANPWLILSEDRR	1.00	36.05	26.56	49.05	4	2925.4729	2925.4599	732.3723	0.0130	4.4376	10.68	8.66	4.23	5.55	No
													LQVALGELRR	1.00	31.90	21.58	22.51	2	1297.7950	1297.7952	649.9049	-0.0002	-0.1539	219.60	441.36	409.06	237.43	Yes
													LQVALGELRR	1.00	32.42	21.70	23.95	2	1297.7952	1297.7952	649.9049	0.0000	0.0000	547.60	1016.89	919.37	676.47	Yes
													LQVALGELRR	1.00	31.34	21.64	20.65	3	1297.7959	1297.7952	433.6057	0.0007	0.5381	504.23	1093.83	1181.73	698.67	Yes
													LQVALGELRR	0.99	21.40	21.64	22.46	3	1297.7959	1297.7952	433.6057	0.0007	0.5381	895.20	1846.62	1882.20	1146.29	Yes
													GGGSVCPVCR	0.60	43.25	19.96	56.25	2	1169.4912	1169.4936	585.7541	-0.0024	-2.0486	55.35	123.15	81.45	80.06	Yes
													GGGSVCPVCR	0.74	36.34	19.96	49.34	2	1169.4930	1169.4936	585.7541	-0.0006	-0.5122	51.38	98.49	66.94	61.27	Yes
													GGGSVCPVCR	1.00	51.35	19.96	17.88	2	1169.4930	1169.4936	585.7541	-0.0006	-0.5122	112.74	201.00	158.51	109.99	Yes
													GGGSVCPVCR	1.00	55.30	19.73	17.70	2	1169.4932	1169.4936	585.7541	-0.0004	-0.3414	125.18	236.38	191.78	171.72	Yes
													GGGSVCPVCR	1.00	50.76	19.96	18.44	2	1169.4930	1169.4936	585.7541	-0.0006	-0.5122	179.24	257.47	239.21	204.02	Yes
													GGGSVCPVCR	0.80	51.82	19.73	64.82	2	1169.4932	1169.4936	585.7541	-0.0004	-0.3414	99.31	143.49	117.11	99.90	Yes
													GGGSVCPVCR	1.00	52.21	19.82	20.91	2	1169.4940	1169.4936	585.7541	0.0004	0.3414	276.76	426.29	383.60	293.88	Yes
													GGGSVCPVCR	0.72	51.88	19.91	64.88	2	1169.4944	1169.4936	585.7541	0.0008	0.6829	47.64	95.80	102.16	65.53	Yes
													GGGSVCPVCR	0.74	43.85	20.09	56.85	2	1169.4926	1169.4936	585.7541	-0.0010	-0.8536	244.80	429.46	348.35	284.28	Yes
													GGGSVCPVCR	0.74	42.50	20.04	55.50	2	1169.4928	1169.4936	585.7541	-0.0008	-0.6829	117.04	219.52	184.00	157.54	Yes
													GGGSVCPVCR	0.80	51.28	19.82	64.28	2	1169.4940	1169.4936	585.7541	0.0004	0.3414	300.32	435.27	353.64	307.22	Yes
													GGGSVCPVCR	1.00	49.68	20.00	18.69	2	1169.4950	1169.4936	585.7541	0.0014	1.1950	473.76	644.83	572.66	462.65	Yes
													ALCWVCAQSR	1.00	38.66	22.88	18.07	2	1371.6034	1371.6042	686.8094	-0.0008	-0.5824	161.24	296.45	278.65	238.72	Yes
													ALCWVCAQSR	1.00	41.54	22.99	21.47	2	1371.6040	1371.6042	686.8094	-0.0002	-0.1456	228.52	516.21	411.82	298.95	Yes
TSC1	Q92574	Hamartin	1.00	3	2.9	1.02	0.21	1.02	0.36	0.62	0.14	3	LIQQGADAHSK	1.00	37.40	27.36	22.18	3	1454.8075	1454.8085	485.9434	-0.0010	-0.6860	352.47	321.92	331.61	306.55	Yes
													ITQVFELEILDLYGR	1.00	35.97	26.10	15.96	3	1952.0779	1952.0741	651.6986	0.0038	1.9436	12.90	10.08	13.82	17.01	No
													TAHHFVIR	1.00	36.68	27.04	24.32	2	1123.6368	1123.6373	562.8259	-0.0005	-0.4442	159.98	103.63	213.32	242.42	Yes
													TAHHFVIR	1.00	35.96	27.30	24.84	2	1123.6370	1123.6373	562.8259	-0.0003	-0.2665	147.11	106.94	186.28	215.18	Yes
TTN	Q8WZ42	Titin	1.00	4	0.2	0.62	0.06	0.82	0.09	0.61	0.06	180	SGVPLTTGYR	0.73	20.83	28.64	20.07	2	1049.5500	1049.5506	525.7826	-0.0006	-0.5706	57.62	79.29	56.65	52.61	No
													SGVPLTTGYR	0.73	20.76	28.64	19.53	2	1049.5500	1049.5506	525.7826	-0.0006	-0.5706	90.64	101.79	72.18	66.06	No
													SGVPLTTGYR	0.73	20.83	28.64	17.99	2	1049.5500	1049.5506	525.7826	-0.0006	-0.5706	84.16	85.48	64.19	100.45	Yes
													SGVPLTTGYR	0.80	20.84	28.64	19.46	2	1049.5504	1049.5506	525.7826	-0.0002	-0.1902	59.40	74.62	53.82	57.77	No
													IVVQGK	0.74	13.88	21.52	19.73	2	930.6092	930.6106	466.3126	-0.0014	-1.5011	491.80	312.27	314.03	426.26	Yes
													IVVQGK	0.76	14.26	21.52	20.19	2	930.6092	930.6106	466.3126	-0.0014	-1.5011	210.88	175.95	157.13	219.40	Yes
													IVVQGK	0.90	18.20	21.52	25.09	2	930.6094	930.6106	466.3126	-0.0012	-1.2867	60.58	45.02	33.39	46.55	Yes
													IVVQGK	0.72	13.50	21.52	23.99	2	930.6098	930.6106	466.3126	-0.0008	-0.8578	580.17	394.88	352.17	487.32	Yes
													IVVQGK	0.76	14.32	21.52	19.40	2	930.6100	930.6106	466.3126	-0.0006	-0.6433	487.56	403.56	413.41	531.66	Yes
													IVVQGK	0.88	16.21	21.52	20.23	2	930.6102	930.6106	466.3126	-0.0004	-0.4289	62.18	30.47	36.29	56.35	No
													IVVQGK	0.82	14.30	21.52	20.05	2	930.6104	930.6106	466.3126	-0.0002	-0.2144	540.62	378.23	345.78	439.20	Yes
													IVVQGK	0.88	16.05	21.52	23.69	2	930.6104	930.6106	466.3126	-0.0002	-0.2144	363.51	257.35	282.40	329.66	Yes
													IVVQGK	0.70	11.71	21.52	21.60	2	930.6106	930.6106	466.3126	0.0000	0.0000	591.17	362.37	368.20	498.26	Yes
													IVVQGK	0.80	13.83	21.52	22.62	2	930.6106	930.6106	466.3126	0.0000	0.0000	468.93	378.93	308.64	469.73	Yes
													IVVQGK	0.92	18.09	21.52	25.87	2	930.6106	930.6106	466.3126	0.0000	0.0000	147.26	123.30	116.57	158.96	Yes
													IVVQGK	0.84	14.64	21.40	23.23	2	930.6108	930.6106	466.3126	0.0002	0.2144	364.61	241.77	249.36	342.23	Yes
													IVVQGK	0.90	16.72	21.40	22.95	2	930.6108	930.6106	466.3126	0.0002	0.2144	158.32	115.15	103.02	132.00	Yes
													IVVQGK	0.81	13.85	21.40	24.34	2	930.6110	930.6106	466.3126	0.0004	0.4289	360.65	224.86	235.68	333.87	Yes
													IVVQGK	0.73	14.03	21.40	23.58	2	930.6112	930.6106	466.3126	0.0006	0.6433	337.10	282.78	210.08	317.33	Yes
													IVVQGK	0.68	13.12	21.40	21.15	2	930.6112	930.6106	466.3126	0.0006	0.6433	500.57	338.52	355.12	453.64	Yes
													IVVQGK	0.74	14.26	21.40	19.99	2	930.6112	930.6106	466.3126	0.0006	0.6433	385.60	262.90	277.89	324.70	Yes
													IVVQGK	0.68	13.05	21.40	21.69	2	930.6112	930.6106	466.3126	0.0006	0.6433	504.59	342.67	312.73	444.63	Yes
													IVVQGK	0.74	14.10	21.40	25.74	2	930.6116	930.6106	466.3126	0.0010	1.0722	327.73	237.32	240.88	290.36	Yes
													IVVQGK	0.76	14.61	21.40	22.81	2	930.6116	930.6106	466.3126	0.0010	1.0722	320.14	217.42	203.90	248.48	Yes
													IVVQGK	0.74	14.15	21.40	21.18	2	930.6116	930.6106	466.3126	0.0010	1.0722	506.56	358.63	320.56	406.61	Yes
													IVVQGK	0.69	13.23	21.40	20.08	2	930.6116	930.6106	466.3126	0.0010	1.0722	401.08	279.67	273.61	368.98	Yes
													IVVQGK	0.75	14.35	21.40	22.27	2	930.6116	930.6106	466.3126	0.0010	1.0722	222.10	179.11	135.28	208.18	Yes
													IVVQGK	0.75	14.36	21.40	22.63	2	930.6116	930.6106	466.3126	0.0010	1.0722	149.42	99.35	107.43	131.39	Yes
													IVVQGK	0.75	14.03	21.14	22.47	2	930.6118	930.6106	466.3126	0.0012	1.2867	238.59	181.43	187.39	223.77	Yes
													IVVQGK	0.69	12.96	21.14	19.63	2	930.6120	930.6106	466.3126	0.0014	1.5011	450.17	360.05	320.13	449.82	Yes
													IVVQGK	0.85	15.24	21.52	24.59	2	930.6102	930.6106	466.3126	-0.0004	-0.4289	2119.77	1363.55	1482.82	2177.34	Yes
													IVVQGK	0.87	15.59	21.52	23.91	2	930.6104	930.6106	466.3126	-0.0002	-0.2144	227.00	148.66	159.99	199.47	Yes
													IVVQGK	0.91	17.34	21.52	24.54	2	930.6104	930.6106	466.3126	-0.0002	-0.2144	119.51	81.53	73.56	118.60	Yes
													IVVQGK	0.85	15.47	21.52	27.12	2	930.6106	930.6106	466.3126	0.0000	0.0000	1503.69	1108.30	1169.68	1623.84	Yes
													IVVQGK	0.88	16.23	21.52	24.33	2	930.6106	930.6106	466.3126	0.0000	0.0000	116.14	77.58	81.54	109.45	Yes
													IVVQGK	0.84	14.67	21.40	22.70	2	930.6108	930.6106	466.3126	0.0002	0.2144	656.03	429.57	422.09	604.05	Yes
													IVVQGK	0.86	15.17	21.40	24.53	2	930.6108	930.6106	466.3126	0.0002	0.2144	208.15	162.04	167.40	215.80	Yes
													IVVQGK	0.88	15.81	21.40	24.96	2	930.6108	930.6106	466.3126	0.0002	0.2144	195.04	142.43	127.49	147.36	No
													IVVQGK	0.87	15.56	21.40	24.98	2	930.6108	930.6106	466.3126	0.0002	0.2144	1441.68	1069.03	1038.38	1496.23	Yes
													IVVQGK	0.82	15.15	21.40	27.86	2	930.6110	930.6106	466.3126	0.0004	0.4289	1213.55	855.12	801.20	1172.71	Yes
													IVVQGK	0.86	15.14	21.40	23.25	2	930.6110	930.6106	466.3126	0.0004	0.4289	3309.08	2409.34	2593.72	3651.13	Yes

IVVQGK	0.86	15.15	21.40	24.57	2	930.6110	930.6106	466.3126	0.0004	0.4289	2675.08	1872.48	1814.51	2763.83	Yes
IVVQGK	0.76	14.56	21.40	23.94	2	930.6112	930.6106	466.3126	0.0006	0.6433	309.56	189.05	193.85	296.32	Yes
IVVQGK	0.75	14.47	21.40	23.98	2	930.6112	930.6106	466.3126	0.0006	0.6433	251.64	166.54	165.37	227.70	Yes
IVVQGK	0.75	14.33	21.40	23.85	2	930.6112	930.6106	466.3126	0.0006	0.6433	492.35	361.63	309.25	452.13	Yes
IVVQGK	0.79	15.23	21.40	22.46	2	930.6114	930.6106	466.3126	0.0008	0.8578	508613.97	376362.07	377062.48	530311.76	Yes
IVVQGK	0.76	14.54	21.40	25.91	2	930.6114	930.6106	466.3126	0.0008	0.8578	811.74	576.47	521.13	763.25	Yes
IVVQGK	0.78	15.12	21.40	26.73	2	930.6114	930.6106	466.3126	0.0008	0.8578	2246.01	1572.56	1641.88	2284.98	Yes
IVVQGK	0.78	14.97	21.40	26.54	2	930.6114	930.6106	466.3126	0.0008	0.8578	34213.88	22367.32	19498.40	31606.76	Yes
IVVQGK	0.75	14.34	21.40	23.77	2	930.6114	930.6106	466.3126	0.0008	0.8578	437.96	351.58	280.64	428.64	Yes
IVVQGK	0.83	16.32	21.40	25.68	2	930.6114	930.6106	466.3126	0.0008	0.8578	1206.57	940.81	852.49	1250.32	Yes
IVVQGK	0.82	15.91	21.40	25.31	2	930.6114	930.6106	466.3126	0.0008	0.8578	4999.34	3311.05	3549.67	5197.85	Yes
IVVQGK	0.78	14.95	21.40	25.10	2	930.6116	930.6106	466.3126	0.0010	1.0722	1342.43	891.80	812.55	1161.37	Yes
IVVQGK	0.72	13.84	21.40	24.36	2	930.6116	930.6106	466.3126	0.0010	1.0722	776.36	587.51	516.80	755.92	Yes
IVVQGK	0.84	16.57	21.40	25.87	2	930.6116	930.6106	466.3126	0.0010	1.0722	3554.61	2555.50	2527.88	3692.92	Yes
IVVQGK	0.78	15.08	21.40	26.59	2	930.6116	930.6106	466.3126	0.0010	1.0722	31365.53	20275.27	22454.03	30943.82	Yes
IVVQGK	0.76	14.61	21.40	23.33	2	930.6116	930.6106	466.3126	0.0010	1.0722	4683.30	3317.26	3304.08	4701.46	Yes
IVVQGK	0.77	14.51	21.14	23.72	2	930.6118	930.6106	466.3126	0.0012	1.2867	2998.86	2546.76	2315.93	3447.51	Yes
IVVQGK	0.83	16.02	21.14	25.31	2	930.6118	930.6106	466.3126	0.0012	1.2867	821.96	533.18	540.19	817.34	Yes
IVVQGK	0.79	15.04	21.14	24.29	2	930.6118	930.6106	466.3126	0.0012	1.2867	3602.58	2422.80	2311.45	3553.45	Yes
IVVQGK	0.77	14.54	21.14	22.56	2	930.6118	930.6106	466.3126	0.0012	1.2867	3363.43	2449.38	2483.55	3480.96	Yes
IVVQGK	0.77	14.50	21.14	23.68	2	930.6118	930.6106	466.3126	0.0012	1.2867	4368.59	3119.03	3132.47	4507.61	Yes
IVVQGK	0.85	16.62	21.14	25.82	2	930.6118	930.6106	466.3126	0.0012	1.2867	3101.17	2408.28	2105.50	3338.59	Yes
IVVQGK	0.74	13.99	21.14	24.58	2	930.6118	930.6106	466.3126	0.0012	1.2867	2468.32	1892.06	1817.18	2645.59	Yes
IVVQGK	0.73	13.70	21.14	24.37	2	930.6120	930.6106	466.3126	0.0014	1.5011	4486.69	3174.43	3453.14	4487.72	Yes
IVVQGK	0.79	15.08	21.14	23.15	2	930.6120	930.6106	466.3126	0.0014	1.5011	4208.69	2894.63	2834.49	4415.77	Yes
IVVQGK	0.86	16.77	21.14	25.07	2	930.6120	930.6106	466.3126	0.0014	1.5011	4186.68	2960.69	3021.59	4198.86	Yes
IVVQGK	0.85	16.52	21.14	25.51	2	930.6120	930.6106	466.3126	0.0014	1.5011	4408.59	3108.88	3206.95	4416.85	Yes
IVVQGK	0.87	17.13	21.14	26.34	2	930.6120	930.6106	466.3126	0.0014	1.5011	38268.84	26708.87	27673.78	37857.43	Yes
IVVQGK	0.79	15.30	21.14	26.85	2	930.6120	930.6106	466.3126	0.0014	1.5011	4751.51	3571.43	3257.94	5052.01	Yes
IVVQGK	0.79	15.09	21.14	26.59	2	930.6120	930.6106	466.3126	0.0014	1.5011	18127.19	12864.89	11704.91	17306.25	Yes
IVVQGK	0.70	15.74	21.14	25.05	2	930.6122	930.6106	466.3126	0.0016	1.7156	4210.29	2842.48	2947.98	4168.75	Yes
IVVQGK	0.74	16.49	21.14	25.71	2	930.6122	930.6106	466.3126	0.0016	1.7156	4627.42	3296.68	3341.48	4946.76	Yes
IVVQGK	0.63	14.53	21.14	22.43	2	930.6122	930.6106	466.3126	0.0016	1.7156	3210.63	2408.02	2414.38	3479.25	Yes
IVVQGK	0.67	15.26	21.14	24.73	2	930.6122	930.6106	466.3126	0.0016	1.7156	5016.99	3358.86	3443.00	5100.98	Yes
IVVQGK	0.65	15.95	21.14	27.56	2	930.6122	930.6106	466.3126	0.0016	1.7156	26054.41	16991.04	17252.87	23773.48	Yes
IVVQGK	0.71	15.96	21.14	25.23	2	930.6122	930.6106	466.3126	0.0016	1.7156	2101.50	1514.53	1532.48	2272.51	Yes
IVVQGK	0.65	14.88	21.14	26.45	2	930.6122	930.6106	466.3126	0.0016	1.7156	16090.86	12129.44	11562.12	15188.74	Yes
IVVQGK	0.65	14.87	21.14	26.52	2	930.6124	930.6106	466.3126	0.0018	1.9300	20486.71	14517.56	14482.35	19360.95	Yes
IVVQGK	0.71	15.93	21.14	25.16	2	930.6124	930.6106	466.3126	0.0018	1.9300	4203.74	3034.73	3095.46	4150.77	Yes
IVVQGK	0.66	15.17	21.14	24.53	2	930.6124	930.6106	466.3126	0.0018	1.9300	3075.53	2336.76	2309.34	3360.29	Yes
IVVQGK	0.74	16.26	21.52	25.61	2	930.6086	930.6106	466.3126	-0.0020	-2.1445	1132.38	780.42	889.88	1194.45	Yes
IVVQGK	0.89	18.01	21.52	25.49	2	930.6094	930.6106	466.3126	-0.0012	-1.2867	71.16	69.35	54.41	60.40	No
IVVQGK	0.86	16.88	21.52	22.02	2	930.6096	930.6106	466.3126	-0.0010	-1.0722	54.57	46.16	59.70	62.37	No
IVVQGK	0.79	15.01	21.52	25.60	2	930.6098	930.6106	466.3126	-0.0008	-0.8578	1161.79	865.79	838.67	1152.93	Yes
IVVQGK	0.85	16.59	21.52	24.33	2	930.6100	930.6106	466.3126	-0.0006	-0.6433	2788.33	2036.59	2208.05	2924.34	Yes
IVVQGK	0.84	16.39	21.52	24.03	2	930.6100	930.6106	466.3126	-0.0006	-0.6433	84.07	52.50	57.63	67.17	Yes
IVVQGK	0.84	16.23	21.52	23.23	2	930.6100	930.6106	466.3126	-0.0006	-0.6433	139.88	102.98	83.00	147.34	No
IVVQGK	0.89	17.83	21.52	24.05	2	930.6100	930.6106	466.3126	-0.0006	-0.6433	43.61	21.79	30.91	46.69	No
IVVQGK	0.79	15.05	21.52	24.31	2	930.6100	930.6106	466.3126	-0.0006	-0.6433	107.40	65.78	65.55	107.28	Yes
IVVQGK	0.86	16.94	21.52	24.39	2	930.6100	930.6106	466.3126	-0.0006	-0.6433	95.71	65.22	74.78	108.17	Yes
IVVQGK	0.77	13.14	21.52	20.27	2	930.6104	930.6106	466.3126	-0.0002	-0.2144	165.95	135.10	114.26	159.83	Yes
IVVQGK	0.82	14.28	21.52	21.20	2	930.6104	930.6106	466.3126	-0.0002	-0.2144	317.75	237.84	204.74	318.76	Yes
IVVQGK	0.90	16.89	21.52	26.14	2	930.6104	930.6106	466.3126	-0.0002	-0.2144	4442.55	3391.01	3133.89	4885.63	Yes
IVVQGK	0.88	16.06	21.52	22.98	2	930.6104	930.6106	466.3126	-0.0002	-0.2144	108.81	95.40	77.98	106.37	Yes
IVVQGK	0.93	18.13	21.52	25.77	2	930.6104	930.6106	466.3126	-0.0002	-0.2144	87.06	60.28	63.93	92.33	Yes
IVVQGK	0.83	14.61	21.52	23.87	2	930.6106	930.6106	466.3126	0.0000	0.0000	166.40	101.39	96.44	168.35	Yes
IVVQGK	0.83	14.50	21.52	22.88	2	930.6106	930.6106	466.3126	0.0000	0.0000	2705.40	1973.80	1989.41	3022.65	Yes
IVVQGK	0.87	15.90	21.52	24.10	2	930.6106	930.6106	466.3126	0.0000	0.0000	179.98	144.42	126.62	236.84	No
IVVQGK	0.90	16.71	21.52	24.65	2	930.6106	930.6106	466.3126	0.0000	0.0000	284.99	176.13	226.74	268.91	No
IVVQGK	0.86	16.00	21.52	27.47	2	930.6106	930.6106	466.3126	0.0000	0.0000	186.61	141.38	133.10	202.81	Yes
IVVQGK	0.86	16.47	21.52	28.06	2	930.6106	930.6106	466.3126	0.0000	0.0000	124.35	76.71	85.57	134.60	Yes
IVVQGK	0.86	16.27	21.40	27.82	2	930.6108	930.6106	466.3126	0.0002	0.2144	946.33	674.86	659.23	893.00	Yes
IVVQGK	0.87	15.75	21.40	23.80	2	930.6108	930.6106	466.3126	0.0002	0.2144	2086.59	1513.48	1499.88	2219.73	Yes
IVVQGK	0.91	17.05	21.40	26.24	2	930.6108	930.6106	466.3126	0.0002	0.2144	1325.71	918.64	876.92	1298.07	Yes
IVVQGK	0.82	14.10	21.40	22.41	2	930.6110	930.6106	466.3126	0.0004	0.4289	336.98	266.35	221.46	310.22	Yes
IVVQGK	0.71	11.69	21.40	24.23	2	930.6110	930.6106	466.3126	0.0004	0.4289	3489.92	2522.10	2651.25	3760.50	Yes
IVVQGK	0.90	16.91	21.40	26.23	2	930.6110	930.6106	466.3126	0.0004	0.4289	5445.46	3862.16	3789.36	5820.07	Yes
IVVQGK	0.79	15.30	21.40	24.66	2	930.6112	930.6106	466.3126	0.0006	0.6433	8556.65	6167.66	6299.66	9039.09	Yes
IVVQGK	0.79	15.29	21.40	22.22	2	930.6114	930.6106	466.3126	0.0008	0.8578	462150.14	373498.63	340285.48	470657.78	Yes
IVVQGK	0.82	16.00	21.40	25.32	2	930.6114	930.6106	466.3126	0.0008	0.8578	5920.17	4003.84	4564.17	5972.42	Yes
IVVQGK	0.81	15.79	21.40	24.86	2	930.6116	930.6106	466.3126	0.0010	1.0722	3474.87	2632.26	2740.57	3930.27	Yes
IVVQGK	0.65	12.31	21.14	22.48	2	930.6118	930.6106	466.3126	0.0012	1.2867	776.24	610.91	606.54	727.54	Yes
IVVQGK	0.78	14.73	21.14	24.16	2	930.6118	930.6106	466.3126	0.0012	1.2867	4395.44	3114.45	2894.33	4493.33	Yes
IVVQGK	0.76	14.27	21.14	22.35	2	930.6118	930.6106	466.3126	0.0012	1.2867	3659.86	2819.10	2584.02	3771.34	Yes
IVVQGK	0.78	14.69	21.14	23.89	2	930.6118	930.6106	466.3126	0.0012	1.2867	2751.57	1979.90	1913.62	2791.57	Yes
IVVQGK	0.79	16.32	21.14	27.86	2	930.6118	930.6106	466.3126	0.0012	1.2867	20157.51	14007.27	13555.13	18915.91	Yes
IVVQGK	0.79	15.97	21.14	27.47	2	930.6118	930.6106	466.3126	0.0012	1.2867	4455.44	3358.92	3270.98	4608.37	Yes
IVVQGK	0.80	15.20	21.14	24.61	2	930.6118	930.6106	466.3126	0.0012	1.2867	8252.30	5848.52	6311.99	8711.05	Yes

IVVQGK	0.77	14.45	21.14	23.85	2	930.6120	930.6106	466.3126	0.0014	1.5011	3215.64	2461.54	2310.15	3461.53	Yes
IVVQGK	0.72	13.59	21.14	24.21	2	930.6120	930.6106	466.3126	0.0014	1.5011	393047.58	282297.16	245529.91	397879.23	Yes
IVVQGK	0.76	14.43	21.14	23.50	2	930.6120	930.6106	466.3126	0.0014	1.5011	3250.29	2548.86	2277.41	3724.02	Yes
IVVQGK	0.77	14.53	21.14	23.34	2	930.6120	930.6106	466.3126	0.0014	1.5011	2645.99	1972.52	1825.53	2621.96	Yes
IVVQGK	0.77	14.55	21.14	23.98	2	930.6120	930.6106	466.3126	0.0014	1.5011	2882.53	2138.83	2037.69	3172.29	Yes
IVVQGK	0.86	16.94	21.14	25.10	2	930.6120	930.6106	466.3126	0.0014	1.5011	2375.63	1633.34	1732.36	2476.74	Yes
IVVQGK	0.83	16.03	21.14	25.24	2	930.6120	930.6106	466.3126	0.0014	1.5011	16891.84	12289.68	12391.52	16676.17	Yes
IVVQGK	0.63	14.60	21.14	23.93	2	930.6122	930.6106	466.3126	0.0016	1.7156	2478.84	1773.41	1813.32	2571.79	Yes
IVVQGK	0.63	14.60	21.14	23.81	2	930.6122	930.6106	466.3126	0.0016	1.7156	2567.64	1709.46	1929.64	2758.79	Yes
IVVQGK	0.62	14.42	21.14	23.67	2	930.6122	930.6106	466.3126	0.0016	1.7156	4205.77	3283.19	3294.55	4540.77	Yes
IVVQGK	0.54	13.18	21.14	24.93	2	930.6122	930.6106	466.3126	0.0016	1.7156	3410.06	2725.08	2488.24	3688.59	Yes
IVVQGK	0.63	14.52	21.14	22.33	2	930.6122	930.6106	466.3126	0.0016	1.7156	2768.76	2076.53	2036.88	2918.17	Yes
IVVQGK	0.57	13.64	21.14	25.26	2	930.6122	930.6106	466.3126	0.0016	1.7156	20667.78	13599.96	12960.54	17128.32	Yes
IVVQGK	0.64	14.74	21.14	26.21	2	930.6122	930.6106	466.3126	0.0016	1.7156	15517.01	12954.83	10949.98	15879.16	Yes
IVVQGK	0.66	16.93	21.14	28.35	2	930.6124	930.6106	466.3126	0.0018	1.9300	1107.42	817.03	754.77	1119.87	Yes
IVVQGK	0.65	14.60	21.52	23.92	2	930.6086	930.6106	466.3126	-0.0020	-2.1445	81609.46	63631.09	68285.55	89785.62	Yes
IVVQGK	0.63	14.31	21.52	23.49	2	930.6090	930.6106	466.3126	-0.0016	-1.7156	333643.78	257978.20	235832.47	354548.87	Yes
IVVQGK	0.61	14.04	21.52	24.82	2	930.6090	930.6106	466.3126	-0.0016	-1.7156	24493.95	15928.95	15024.80	21374.17	Yes
IVVQGK	0.77	14.48	21.52	20.45	2	930.6092	930.6106	466.3126	-0.0014	-1.5011	1583.02	1220.25	1091.83	1672.23	Yes
IVVQGK	0.72	13.52	21.52	22.98	2	930.6092	930.6106	466.3126	-0.0014	-1.5011	1282.16	877.39	955.53	1285.81	Yes
IVVQGK	0.68	12.78	21.52	21.96	2	930.6094	930.6106	466.3126	-0.0012	-1.2867	1393.10	1078.05	1013.07	1429.15	Yes
IVVQGK	0.71	13.34	21.52	22.94	2	930.6098	930.6106	466.3126	-0.0008	-0.8578	1331.54	951.90	1031.09	1368.12	Yes
IVVQGK	0.81	15.50	21.52	24.62	2	930.6098	930.6106	466.3126	-0.0008	-0.8578	1073.45	754.73	694.55	983.18	Yes
IVVQGK	0.79	15.01	21.52	26.54	2	930.6100	930.6106	466.3126	-0.0006	-0.6433	5594.79	4036.67	3815.87	5134.18	Yes
IVVQGK	0.74	13.99	21.52	22.79	2	930.6100	930.6106	466.3126	-0.0006	-0.6433	1279.20	924.95	859.82	1276.46	Yes
IVVQGK	0.82	14.37	21.52	25.07	2	930.6102	930.6106	466.3126	-0.0004	-0.4289	6871.50	4843.59	4562.72	6127.57	Yes
IVVQGK	0.79	13.46	21.52	21.44	2	930.6102	930.6106	466.3126	-0.0004	-0.4289	20986.05	17118.45	15743.08	21726.12	Yes
IVVQGK	0.83	14.62	21.52	22.46	2	930.6102	930.6106	466.3126	-0.0004	-0.4289	1401.88	1014.75	1008.50	1491.75	Yes
IVVQGK	0.88	16.13	21.52	22.62	2	930.6102	930.6106	466.3126	-0.0004	-0.4289	76.28	52.95	50.15	89.17	Yes
IVVQGK	0.81	14.04	21.52	23.38	2	930.6104	930.6106	466.3126	-0.0002	-0.2144	2844.51	1984.91	2038.59	2943.63	Yes
IVVQGK	0.83	14.64	21.52	22.17	2	930.6104	930.6106	466.3126	-0.0002	-0.2144	4338.37	2984.11	2883.25	4518.68	Yes
IVVQGK	0.89	16.58	21.52	24.69	2	930.6104	930.6106	466.3126	-0.0002	-0.2144	66.75	61.14	45.18	87.98	No
IVVQGK	0.80	13.70	21.52	24.04	2	930.6106	930.6106	466.3126	0.0000	0.0000	1481.30	1098.82	1032.39	1410.98	Yes
IVVQGK	0.78	13.38	21.52	22.48	2	930.6106	930.6106	466.3126	0.0000	0.0000	2944.22	2047.03	2195.57	2724.04	Yes
IVVQGK	0.86	15.52	21.52	22.05	2	930.6106	930.6106	466.3126	0.0000	0.0000	85.04	77.89	52.44	85.32	No
IVVQGK	0.88	15.96	21.52	26.49	2	930.6106	930.6106	466.3126	0.0000	0.0000	92.83	57.84	71.97	80.77	No
IVVQGK	0.89	16.64	21.52	21.52	2	930.6106	930.6106	466.3126	0.0000	0.0000	70.94	44.54	51.59	81.88	Yes
IVVQGK	0.79	13.52	21.40	22.69	2	930.6108	930.6106	466.3126	0.0002	0.2144	1622.98	1193.98	1107.59	1482.87	Yes
IVVQGK	0.79	13.40	21.40	22.64	2	930.6108	930.6106	466.3126	0.0002	0.2144	1365.82	946.90	966.69	1413.42	Yes
IVVQGK	0.79	13.49	21.40	21.67	2	930.6108	930.6106	466.3126	0.0002	0.2144	1062.38	828.19	751.87	1158.69	Yes
IVVQGK	0.89	16.24	21.40	23.27	2	930.6108	930.6106	466.3126	0.0002	0.2144	760.88	549.29	553.47	723.47	Yes
IVVQGK	0.84	14.62	21.40	23.70	2	930.6108	930.6106	466.3126	0.0002	0.2144	576.26	393.51	356.85	515.53	Yes
IVVQGK	0.84	14.67	21.40	22.55	2	930.6108	930.6106	466.3126	0.0002	0.2144	237.30	192.12	178.18	235.76	Yes
IVVQGK	0.88	15.95	21.40	21.41	2	930.6108	930.6106	466.3126	0.0002	0.2144	207.72	186.86	176.65	229.09	Yes
IVVQGK	0.81	13.87	21.40	22.46	2	930.6110	930.6106	466.3126	0.0004	0.4289	5685.72	4192.87	4322.42	6014.19	Yes
IVVQGK	0.84	14.68	21.40	22.07	2	930.6110	930.6106	466.3126	0.0004	0.4289	4433.22	2984.36	3056.48	4710.03	Yes
IVVQGK	0.79	13.49	21.40	22.67	2	930.6110	930.6106	466.3126	0.0004	0.4289	1493.39	1080.67	1071.11	1533.44	Yes
IVVQGK	0.70	13.41	21.40	20.25	2	930.6112	930.6106	466.3126	0.0006	0.6433	1340.04	964.03	926.68	1351.72	Yes
IVVQGK	0.76	14.69	21.40	24.09	2	930.6112	930.6106	466.3126	0.0006	0.6433	1550.66	1210.24	1052.02	1557.62	Yes
IVVQGK	0.64	12.34	21.40	21.38	2	930.6114	930.6106	466.3126	0.0008	0.8578	1271.27	914.00	951.26	1237.80	Yes
IVVQGK	0.75	14.46	21.40	21.37	2	930.6114	930.6106	466.3126	0.0008	0.8578	640.10	466.76	453.39	585.80	Yes
IVVQGK	0.73	14.07	21.40	24.93	2	930.6116	930.6106	466.3126	0.0010	1.0722	8683.55	5673.32	6005.11	7793.63	Yes
IVVQGK	0.77	14.82	21.40	22.67	2	930.6116	930.6106	466.3126	0.0010	1.0722	1190.00	831.63	788.33	1125.32	Yes
IVVQGK	0.73	14.08	21.40	22.05	2	930.6116	930.6106	466.3126	0.0010	1.0722	1315.80	973.19	869.60	1342.09	Yes
IVVQGK	0.76	14.62	21.40	23.50	2	930.6116	930.6106	466.3126	0.0010	1.0722	998.99	699.13	708.91	1069.21	Yes
IVVQGK	0.72	13.51	21.14	20.45	2	930.6118	930.6106	466.3126	0.0012	1.2867	8938.74	5980.24	5586.40	8595.38	Yes
IVVQGK	0.77	14.56	21.14	22.75	2	930.6118	930.6106	466.3126	0.0012	1.2867	1568.44	1083.25	1097.60	1612.78	Yes
IVVQGK	0.72	13.51	21.14	22.97	2	930.6118	930.6106	466.3126	0.0012	1.2867	2953.77	2357.68	2063.96	3024.97	Yes
IVVQGK	0.74	14.34	21.14	26.91	2	930.6120	930.6106	466.3126	0.0014	1.5011	1283.81	1031.66	895.02	1388.66	Yes
IVVQGK	0.78	14.74	21.14	24.03	2	930.6120	930.6106	466.3126	0.0014	1.5011	2756.24	2000.28	2047.21	2928.41	Yes
IVVQGK	0.55	13.34	21.14	22.28	2	930.6122	930.6106	466.3126	0.0016	1.7156	1618.57	1129.32	1013.17	1573.03	Yes
KPPPK	0.65	5.83	10.41	17.47	2	853.5620	853.5629	427.7887	-0.0009	-1.0519	815.70	792.46	458.71	602.49	No
IVVQGK	0.79	15.29	21.40	24.45	2	930.6112	930.6106	466.3126	0.0006	0.6433	550070.58	451438.06	429017.67	546100.58	Yes
IVVQGK	0.74	14.22	21.40	19.57	2	930.6114	930.6106	466.3126	0.0008	0.8578	536202.40	402163.56	389549.61	559590.35	Yes
IVVQGK	0.77	14.73	21.40	25.53	2	930.6116	930.6106	466.3126	0.0010	1.0722	6196.80	4514.26	5296.77	6889.04	Yes
IVVQGK	0.75	16.87	21.14	26.19	2	930.6124	930.6106	466.3126	0.0018	1.9300	14230.10	11877.80	11913.07	17310.72	Yes
IVVQGK	0.61	11.84	21.40	20.55	2	930.6116	930.6106	466.3126	0.0010	1.0722	4260.07	3360.93	3542.81	4837.24	Yes
IVVQGK	0.63	14.66	21.14	23.84	2	930.6122	930.6106	466.3126	0.0016	1.7156	12839.17	11058.26	10591.54	15618.61	Yes
IVVQGK	0.75	12.50	21.40	21.22	2	930.6108	930.6106	466.3126	0.0002	0.2144	6590.60	5206.10	5484.59	7595.36	Yes
IVVQGK	0.83	16.28	21.40	26.46	2	930.6112	930.6106	466.3126	0.0006	0.6433	13880.54	11274.74	10093.55	15250.59	Yes
IVVQGK	0.79	15.31	21.40	26.88	2	930.6112	930.6106	466.3126	0.0006	0.6433	34700.75	25840.56	27281.79	38293.25	Yes
KPPPK	0.69	5.89	10.41	18.37	2	853.5624	853.5629	427.7887	-0.0005	-0.5844	254.26	304.62	292.03	362.52	No
IVVQGK	0.79	15.82	21.40	27.37	2	930.6114	930.6106	466.3126	0.0008	0.8578	2837.72	2385.87	2327.70	3197.57	Yes
IVVQGK	0.83	16.31	21.40	25.61	2	930.6116	930.6106	466.3126	0.0010	1.0722	25332.56	18403.31	19699.42	24176.36	Yes
KPPPK	0.53	6.32	10.41	17.39	2	853.5612	853.5629	427.7887	-0.0017	-1.9870	168.71	218.33	208.36	278.20	No
KPPPK	0.63	6.43	10.41	18.17	2	853.5616	853.5629	427.7887	-0.0013	-1.5194	102.84	93.31	104.03	130.10	No
KPPPK	0.67	4.99	10.41	16.72	2	853.5616	853.5629	427.7887	-0.0013	-1.5194	109.88	132.93	177.72	162.26	No
KPPPK	0.52	15.02	10.41	25.73	2	853.5628	853.5629	427.7887	-0.0001	-0.1169	274.40	362.54	355.19	468.33	No

													IVVQGK	0.84	14.62	21.40	24.06	2	930.6108	930.6106	466.3126	0.0002	0.2144	3657.80	2747.19	2738.73	3942.09	Yes
													IVVQGK	0.89	16.99	21.40	27.35	2	930.6110	930.6106	466.3126	0.0004	0.4289	12025.17	9505.42	9462.73	13486.02	Yes
													LLIPSTR	0.74	12.02	21.00	24.37	2	942.5980	942.5984	472.3065	-0.0004	-0.4235	11.09	22.00	11.34	7.31	No
													IVVQGK	0.57	13.36	21.52	24.74	2	930.6088	930.6106	466.3126	-0.0018	-1.9300	1033.19	648.43	681.19	922.01	Yes
TUBB	P07437	Tubulin beta chain	1.00	15	45.3	0.95	0.29	0.97	0.29	0.82	0.22	42	IREEYPDR	0.66	25.25	28.24	27.99	3	1220.6263	1220.6271	407.8830	-0.0008	-0.6538	1038.16	1276.99	1471.32	1091.01	Yes
													EVDEQMLNVQNK	1.00	68.16	28.21	34.58	2	1733.8980	1733.8862	867.9504	0.0118	6.7976	124.62	88.42	89.56	126.64	Yes
													EVDEQMLNVQNK	1.00	63.99	28.14	25.10	2	1733.8944	1733.8862	867.9504	0.0082	4.7238	143.57	137.92	134.35	116.55	Yes
													AILVDLEPGTMDSVR	1.00	70.49	27.92	23.15	2	1758.9328	1758.9308	880.4727	0.0020	1.1358	21.16	23.27	12.80	47.98	No
													AILVDLEPGTMDSVR	1.00	85.47	27.90	28.50	2	1758.9344	1758.9308	880.4727	0.0036	2.0444	137.66	134.40	111.10	181.35	Yes
													AILVDLEPGTMDSVR	1.00	79.28	27.87	28.14	2	1758.9352	1758.9308	880.4727	0.0044	2.4987	111.54	74.37	86.99	103.64	Yes
													AILVDLEPGTMDSVR	1.00	69.85	27.85	26.26	2	1758.9362	1758.9308	880.4727	0.0054	3.0665	131.51	102.48	123.31	140.44	Yes
													GHYTEGAELVDSVLDVVR	1.00	72.66	27.89	28.34	3	2102.0785	2102.0766	701.6995	0.0019	0.9026	216.77	219.09	477.39	245.90	No
													GHYTEGAELVDSVLDVVR	1.00	61.37	27.89	23.74	3	2102.0785	2102.0766	701.6995	0.0019	0.9026	154.92	86.44	199.27	180.42	No
													GHYTEGAELVDSVLDVVR	1.00	48.59	27.89	26.06	4	2102.0785	2102.0766	526.5264	0.0019	0.9021	12.57	15.48	17.51	10.57	No
													AILVDLEPGTMDSVR	1.00	82.59	27.97	27.97	2	1758.9306	1758.9308	880.4727	-0.0002	-0.1136	39.15	30.69	40.37	54.07	Yes
													GHYTEGAELVDSVLDVVR	1.00	61.11	27.87	26.74	3	2102.0791	2102.0766	701.6995	0.0025	1.1876	43.28	62.19	92.72	48.72	No
													GHYTEGAELVDSVLDVVR	1.00	53.44	27.90	25.51	3	2102.0794	2102.0766	701.6995	0.0028	1.3301	69.45	124.03	93.05	97.39	No
													ALTVPELTQQVFDAK	1.00	43.30	25.44	18.77	3	1947.0937	1947.0921	650.0380	0.0016	0.8205	63.94	74.75	62.64	95.43	Yes
													EIVHIQAGQCGNQIGAK	0.99	69.89	27.81	20.45	3	2099.0830	2099.0859	700.7026	-0.0029	-1.3796	1383.28	1924.30	1915.81	2762.92	Yes
													EIVHIQAGQCGNQIGAK	0.97	59.18	27.81	18.20	3	2099.0833	2099.0859	700.7026	-0.0026	-1.2369	659.85	821.30	711.13	786.12	Yes
													GHYTEGAELVDSVLDVVR	0.85	18.88	27.87	22.70	3	2102.0791	2102.0766	701.6995	0.0025	1.1876	16.08	17.29	19.88	16.32	No
													GHYTEGAELVDSVLDVVR	1.00	51.11	27.87	33.31	3	2102.0791	2102.0766	701.6995	0.0025	1.1876	37.39	49.04	64.06	30.77	Yes
													ALTVPELTQQVFDAK	1.00	67.53	25.50	18.66	2	1947.0924	1947.0921	974.5533	0.0003	0.1539	130.90	128.16	193.78	160.29	Yes
													ALTVPELTQQVFDAK	1.00	58.00	25.49	26.24	3	1947.0949	1947.0921	650.0380	0.0028	1.4358	100.65	45.69	92.38	108.30	No
													ALTVPELTQQVFDAK	1.00	47.43	25.50	18.39	3	1947.0955	1947.0921	650.0380	0.0034	1.7435	1400.49	1348.52	1345.52	1681.51	Yes
													EIVHIQAGQCGNQIGAK	0.99	57.13	27.81	19.73	3	2099.0851	2099.0859	700.7026	-0.0008	-0.3806	2827.21	4374.70	4156.57	4865.40	Yes
													NMMAACDPR	0.72	40.07	18.81	53.07	2	1197.4892	1197.4884	599.7515	0.0008	0.6669	877.15	1018.09	936.14	896.65	Yes
													FPGQLNADLR	1.00	64.74	28.22	32.35	2	1273.6910	1273.6901	637.8523	0.0009	0.7055	1223.23	1235.07	1258.10	1286.90	Yes
													FPGQLNADLR	1.00	41.58	28.08	26.86	2	1273.6916	1273.6901	637.8523	0.0015	1.1758	456.22	475.19	408.00	559.93	Yes
													EIVHIQAGQCGNQIGAK	1.00	58.65	27.80	18.10	3	2099.0866	2099.0859	700.7026	0.0007	0.3330	643.12	1000.69	995.97	1017.22	Yes
													NMMAACDPR	0.67	21.78	19.91	17.00	2	1197.4954	1197.4884	599.7515	0.0070	5.8357	2808.45	2721.66	3456.98	2846.67	Yes
													FPGQLNADLR	1.00	48.56	28.22	24.32	2	1273.6910	1273.6901	637.8523	0.0009	0.7055	2099.86	1980.24	2751.45	2898.75	Yes
													NSSYFVEWIPNNVK	1.00	51.20	27.70	18.74	2	1984.0322	1984.0298	993.0222	0.0024	1.2084	175.86	221.54	331.95	290.65	Yes
													FPGQLNADLR	1.00	51.83	28.22	29.08	2	1273.6910	1273.6901	637.8523	0.0009	0.7055	915.89	845.73	953.52	1065.79	Yes
													FPGQLNADLR	1.00	48.69	28.08	27.11	2	1273.6916	1273.6901	637.8523	0.0015	1.1758	1519.87	1578.11	1564.16	2164.49	Yes
													FPGQLNADLRK	1.00	44.38	25.17	24.11	3	1545.8956	1545.8871	516.3030	0.0085	5.4877	641.85	547.25	580.02	474.32	Yes
													NSSYFVEWIPNNVK	1.00	52.50	27.79	18.82	2	1984.0290	1984.0298	993.0222	-0.0008	-0.4028	157.52	271.91	293.72	384.81	No
													NSSYFVEWIPNNVK	1.00	63.02	27.75	23.08	2	1984.0306	1984.0298	993.0222	0.0008	0.4028	157.54	127.19	131.29	146.63	Yes
													IMNTFSVVPSPK	1.00	61.44	28.18	25.93	2	1462.7976	1462.7976	732.4061	0.0000	0.0000	46.63	49.69	53.91	46.11	Yes
													IMNTFSVVPSPK	1.00	62.02	28.14	24.84	2	1462.7980	1462.7976	732.4061	0.0004	0.2731	63.43	72.17	75.04	80.36	Yes
													IMNTFSVVPSPK	1.00	59.43	26.99	25.76	2	1606.8984	1606.8996	804.4571	-0.0012	-0.7458	104.32	132.36	124.79	192.84	Yes
													IMNTFSVVPSPK	1.00	73.30	26.96	26.45	2	1606.9000	1606.8996	804.4571	0.0004	0.2486	563.82	447.53	576.95	657.35	Yes
													IMNTFSVVPSPK	1.00	49.87	27.73	27.34	2	1622.8904	1622.8946	812.4546	-0.0042	-2.5848	383.06	453.09	716.25	532.78	Yes
													IMNTFSVVPSPK	1.00	60.02	27.02	25.52	2	1606.8988	1606.8996	804.4571	-0.0008	-0.4972	413.18	350.33	486.30	389.28	Yes
													IMNTFSVVPSPK	1.00	54.60	26.83	28.52	2	1606.9008	1606.8996	804.4571	0.0012	0.7458	83.71	74.41	124.12	150.34	Yes
													LAVNMVPFPR	1.00	48.96	28.08	20.18	2	1302.7212	1302.7240	652.3693	-0.0028	-2.1460	579.32	424.67	478.76	589.81	Yes
													LAVNMVPFPR	1.00	50.91	27.80	21.91	2	1302.7232	1302.7240	652.3693	-0.0008	-0.6132	395.60	294.33	349.69	484.28	Yes
													LAVNMVPFPR	1.00	50.79	27.82	19.41	2	1302.7240	1302.7240	652.3693	0.0000	0.0000	366.24	253.75	318.51	423.59	Yes
													LTTPTYGDLNHLVSATMSGVTTCLR	0.52	58.65	26.86	71.65	3	2840.4007	2840.3993	947.8070	0.0014	0.4924	25.64	26.66	34.35	30.81	No
													LAVNMVPFPR	1.00	44.93	27.19	23.03	2	1286.7288	1286.7291	644.3718	-0.0003	-0.2328	115.09	101.62	111.82	89.29	Yes
													LAVNMVPFPR	1.00	48.76	27.60	26.02	2	1286.7300	1286.7291	644.3718	0.0009	0.6984	404.60	346.07	342.09	414.29	Yes
													LAVNMVPFPR	1.00	37.30	27.80	19.39	2	1302.7232	1302.7240	652.3693	-0.0008	-0.6132	211.30	223.73	205.38	214.69	Yes
													LAVNMVPFPR	1.00	48.08	27.80	19.98	2	1302.7234	1302.7240	652.3693	-0.0006	-0.4599	201.71	202.58	194.43	232.31	Yes
													LAVNMVPFPR	1.00	45.63	27.79	19.77	2	1302.7236	1302.7240	652.3693	-0.0004	-0.3066	183.26	204.54	208.90	250.50	Yes
													LAVNMVPFPR	1.00	49.38	27.79	23.04	2	1302.7242	1302.7240	652.3693	0.0002	0.1533	349.34	295.78	275.99	387.69	Yes
													LAVNMVPFPR	0.74	16.03	27.79	20.59	3	1302.7243	1302.7240	435.2486	0.0003	0.2298	24.56	48.62	39.19	19.32	No
													SGPFGQIFRPDNFVFGQSGAGNNWAK	1.00	63.93	26.27	76.93	4	3085.5461	3085.5403	772.3924	0.0058	1.8773	4.89	7.00	9.79	4.23	No
													YLTVAAVFR	1.00	51.91	26.58	41.02	2	1182.6892	1182.6883	592.3514	0.0009	0.7597	313.40	319.27	353.64	362.99	Yes
TUFM	P49411	Elongation factor Tu, mitochondrial	1.00	2	3.8	0.86	0.14	0.92	0.11	0.85	0.18	4	TVVTGIEMFHK	1.00	57.86	26.84	25.80	3	1548.8584	1548.8578	517.2932	0.0006	0.3866	1216.07	965.79	1076.82	1183.93	Yes
													TVVTGIEMFHK	1.00	62.06	26.74	27.89	3	1548.8590	1548.8578	517.2932	0.0012	0.7733	913.26	1025.80	800.50	1059.17	Yes
													FNLILR	0.86	23.61	29.63	28.73	2	918.5770	918.5773	460.2959	-0.0003	-0.3259	306.82	367.18	356.52	382.01	Yes
													FNLILR	0.82	24.46	29.92	28.37	2	918.5782	918.5773	460.2959	0.0009	0.9776	395.48	398.86	426.95	445.84	Yes
UQCRC2	P22695	Cytochrome b-c1 complex subunit 2, mitochondrial	1.00	3	9.1	0.92	0.34	0.81	0.24	0.88	0.53	6	GSNTTSHLHQAVAK	1.00	37.28	27.40	21.44	3	1737.9352	1737.9366	580.3195	-0.0014	-0.8042	53.12	47.95	35.19	39.84	Yes
													GSNTTSHLHQAVAK	1.00	35.28	27.54	15.50	4	1737.9373	1737.9366	435.4914	0.0007	0.4018	135.76	102.05	108.43	124.38	Yes
													GSNTTSHLHQAVAK	1.00	29.25	27.40	42.25	4	1737.9381	1737.9366	435.4914	0.0015	0.8611	119.69	91.63	133.93	100.56	Yes
													GSNTTSHLHQAVAK	1.00	29.83	27.54	15.34	4	1737.9373	1737.9366	435.4914	0.0007	0.4018	27.55	43.04	22.96	45.35	No
													GSNTTSHLHQAVAK	1.00	31.02	27.51	19.52	4	1737.9377	1737.9366	435.4914	0.0011	0.6315	39.47	39.08	41.92	51.62	Yes
													AVAFQNPQTHVIENLHAAAYR	1.00	75.03	26.63	88.03	4	2493.2993	2493.2998	624.3322	-0.0005	-0.2002	92.18	197.31	137.12	119.67	Yes
													IGLFIK	0.90	31.36	17.78	23.42	2	977.6456	977.6517	489.8331	-0.0061	-6.2266	31.13	40.31	45.77	30.57	Yes
UTP18	Q9Y5J1	U3 small nucleolar RNA-associated protein 18 homolog	1.00	2	5.8	1.53	-	0.76	-	1.10	-	1	NCQHANAERPTVAR	0.97	16.78	26.03	16.58	4	1755.8381	1755.8379	439.9668	0.0002	0.1136	40.43	53.55	70.67	37.50	Yes
													AGAGPGGPPQKPAPSSQR	0.98	23.60	26.95	16.88	3	1947.0526	1947.0530	650.0249	-0.0004	-0.2051	9.83	24.72	23.08	21.44	No
													AGAGPGGPPQKPAPSSQR	0.51	10.90	26.95	23.90	4	1947.0529	1947.0530	487.7705	-0.0001	-0.0513	7.84	8.31	9.80	9.13	No
													AGAGPGGPPQKPAPSSQR	1.00	33.19	27.02	17.56	3	1947.0508	1947.0530	650.0249	-0.0022	-1.1282	1.56	10.97	14.55	10.99	No
													AGAGPGGPPQKPAPSSQR	0.99	27.01	26.98	18.87	3	1947.0517	1947.0530	650.0249	-0.0013	-0.6666	6.49	11.79	13.88	14.50	No
UTP3	Q9NQZ2	Something about silencing protein 10	1.00	3	9.8	1.92	0.58	1.54	0.50	1.54	0.29	2	QSQQEAEEEEREEEEEAQIIQR	0.98	40.52	24.90	18.43	3	2860.3021	2860.3080	954.4433	-0.0059	-2.0605	54.45	112.67	144.18	123.08	Yes
													QSQQEAEEEEREEEEEAQIIQR	1.00	48.20	24.94	21.02	3	2860.3030	2860.3080	954.4433	-0.0050	-1.7462	64.36	106.56	117.18	100.42	Yes
													ESPELLELIEDLK	1.00	52.24	26.37	23.81	2	1815.0130	1815.0120	908.5133	0.0010	0.5503	10.14	35.25	30.71	33.82	No
													ESPELLELIEDLK	1.00	31.77	26.36	25.31	3	1815.0136	1815.0120	606.0113	0.0016	0.8801	18.07	19.84	28.48	25.95	No

													ESPELLELIEDLK	1.00	28.76	26.36	18.41	3	1815.0136	1815.0120	606.0113	0.0016	0.8801	15.58	16.38	25.32	11.64	No
													ESPELLELIEDLK	1.00	32.03	26.36	25.38	3	1815.0133	1815.0120	606.0113	0.0013	0.7151	25.85	10.76	21.76	23.86	No
													ESPELLELIEDLK	1.00	32.58	26.21	24.50	3	1815.0154	1815.0120	606.0113	0.0034	1.8701	19.73	26.34	34.28	20.00	No
													RVPAHGHPVIER	0.98	25.05	26.20	14.97	3	1510.8595	1510.8603	504.6274	-0.0008	-0.5284	13.47	24.48	22.97	36.67	No
													RVPAHGHPVIER	0.95	22.12	26.20	15.37	3	1510.8595	1510.8603	504.6274	-0.0008	-0.5284	16.98	28.27	29.41	19.39	No
													RVPAHGHPVIER	1.00	29.61	26.20	16.33	3	1510.8595	1510.8603	504.6274	-0.0008	-0.5284	10.75	20.61	27.63	14.88	No
													RVPAHGHPVIER	0.95	22.21	26.25	16.14	3	1510.8592	1510.8603	504.6274	-0.0011	-0.7266	20.86	45.81	34.37	42.67	No
													RVPAHGHPVIER	0.52	18.86	26.26	31.86	3	1510.8601	1510.8603	504.6274	-0.0002	-0.1321	14.73	17.86	37.25	19.36	No
XIAP	P98170	Baculoviral IAP repeat-containing protein 4	1.00	13	30.6	1.03	0.17	0.97	0.16	0.90	0.19	29	DSMQDESSQTSLQK	1.00	71.59	25.88	17.75	2	1870.8810	1870.8822	936.4484	-0.0012	-0.6407	132.56	151.75	193.10	205.87	Yes
													DSMQDESSQTSLQK	1.00	69.74	25.91	25.25	3	1870.8829	1870.8822	624.6347	0.0007	0.3736	313.08	224.02	309.56	274.54	Yes
													DSMQDESSQTSLQK	0.52	52.43	25.90	65.43	3	1870.8832	1870.8822	624.6347	0.0010	0.5336	380.34	263.85	355.28	400.59	Yes
													NPSMADYEAR	1.00	47.41	23.96	22.65	2	1296.5888	1296.5890	649.3018	-0.0002	-0.1540	722.30	667.67	752.00	810.95	Yes
													NPSMADYEAR	1.00	49.92	24.31	26.42	2	1296.5890	1296.5890	649.3018	0.0000	0.0000	889.39	651.28	818.82	818.19	Yes
													TCVPADINKEEEFVEEFNR	0.94	33.63	26.71	15.67	3	2602.2334	2602.2287	868.4168	0.0047	1.8040	175.99	367.80	306.12	322.57	No
													YLLEQK	0.53	19.41	25.81	30.06	2	1080.6394	1080.6423	541.3284	-0.0029	-2.6786	68.52	76.96	59.77	73.68	Yes
													TGQVVDISDTIYPR	0.99	54.45	28.14	18.40	2	1706.8888	1706.8961	854.4553	-0.0073	-4.2717	10.86	15.78	7.40	9.92	No
													VENYLGSR	1.00	39.28	27.45	21.61	2	1080.5686	1080.5685	541.2915	0.0001	0.0924	2813.77	3695.80	4022.96	3796.01	Yes
													VENYLGSR	1.00	43.63	27.86	23.93	2	1080.5692	1080.5685	541.2915	0.0007	0.6466	2129.84	2668.92	2679.03	2752.62	Yes
													WQYGDSAVGR	1.00	55.41	26.21	27.62	2	1281.6294	1281.6224	641.8185	0.0070	5.4532	4105.75	4758.23	5064.05	5113.14	Yes
													VENYLGSR	0.98	30.39	27.25	17.71	2	1080.5682	1080.5685	541.2915	-0.0003	-0.2771	321.19	360.64	458.37	344.13	Yes
													IQISGSNYK	1.00	42.72	27.30	32.39	2	1296.7264	1296.7281	649.3713	-0.0017	-1.3090	4937.36	5765.55	6116.35	6709.82	Yes
													IQISGSNYK	1.00	43.54	27.48	32.55	2	1296.7274	1296.7281	649.3713	-0.0007	-0.5390	3627.77	4131.74	3923.12	4701.42	Yes
													IQISGSNYK	0.85	43.53	27.37	32.35	2	1296.7176	1296.7281	649.3713	-0.0105	-8.0848	3417.30	3555.70	4334.58	4368.58	Yes
													IQISGSNYK	1.00	47.15	27.47	37.22	2	1296.7278	1296.7281	649.3713	-0.0003	-0.2310	702.42	796.55	682.70	750.76	Yes
													IQISGSNYK	1.00	42.17	27.37	35.93	2	1296.7288	1296.7281	649.3713	0.0007	0.5390	274.24	290.64	302.45	273.91	Yes
													SLEVLVADLVNAQK	1.00	85.98	22.38	20.16	3	1786.0612	1786.0444	596.3554	0.0168	9.3903	85.20	82.17	88.38	89.92	Yes
													SLEVLVADLVNAQK	1.00	93.55	22.62	23.82	3	1786.0561	1786.0444	596.3554	0.0117	6.5397	29.65	33.84	38.16	44.32	No
													NFPNSTNLPR	0.56	17.52	28.32	24.68	2	1302.6792	1302.6802	652.3474	-0.0010	-0.7665	1031.17	872.97	1429.50	1400.02	Yes
													NFPNSTNLPR	0.99	34.26	28.38	20.89	2	1302.6794	1302.6802	652.3474	-0.0008	-0.6132	1164.95	1165.68	1461.87	1483.91	Yes
													MGFSFK	0.53	15.55	28.23	19.68	2	1019.5350	1019.5354	510.7750	-0.0004	-0.3916	1464.06	1944.63	1612.17	1538.26	Yes
													NFPNSTNLPR	1.00	46.30	28.32	25.37	2	1302.6790	1302.6802	652.3474	-0.0012	-0.9198	2459.61	3089.34	3383.83	3343.56	Yes
													NFPNSTNLPR	1.00	49.70	28.38	26.40	2	1302.6794	1302.6802	652.3474	-0.0008	-0.6132	2980.19	3668.15	4220.81	4222.87	Yes
													NFPNSTNLPR	0.97	30.26	28.38	24.54	2	1302.6794	1302.6802	652.3474	-0.0008	-0.6132	776.88	842.22	937.07	947.98	Yes
													NFPNSTNLPR	0.97	29.78	28.38	26.82	2	1302.6796	1302.6802	652.3474	-0.0006	-0.4599	507.57	650.78	673.94	601.84	Yes
													SFQNWPDYAHLTPR	1.00	34.65	27.43	15.47	3	1874.9164	1874.9186	625.9801	-0.0022	-1.1715	573.87	498.24	544.95	672.92	Yes
													SFQNWPDYAHLTPR	1.00	44.77	27.51	25.28	3	1874.9173	1874.9186	625.9801	-0.0013	-0.6922	414.07	535.87	557.74	585.71	Yes
													TFANFPSGSPVSASTLAR	1.00	52.45	27.86	16.73	3	1953.0034	1953.0078	652.0099	-0.0044	-2.2495	25.47	40.19	31.36	40.61	No
													TFANFPSGSPVSASTLAR	1.00	109.27	27.84	23.35	2	1953.0044	1953.0078	977.5112	-0.0034	-1.7391	343.22	414.51	411.04	452.88	Yes
													TFANFPSGSPVSASTLAR	1.00	109.12	27.84	20.48	2	1953.0044	1953.0078	977.5112	-0.0034	-1.7391	293.15	338.77	386.63	367.20	Yes
													TFANFPSGSPVSASTLAR	1.00	113.85	27.86	26.79	2	1953.0034	1953.0078	977.5112	-0.0044	-2.2506	108.67	132.11	119.34	122.23	Yes
													TFANFPSGSPVSASTLAR	1.00	119.59	27.84	22.91	2	1953.0042	1953.0078	977.5112	-0.0036	-1.8414	93.46	125.11	115.19	110.16	Yes
													TFANFPSGSPVSASTLAR	1.00	110.93	27.86	24.02	2	1953.0034	1953.0078	977.5112	-0.0044	-2.2506	30.39	37.77	20.73	23.45	No
													TFANFPSGSPVSASTLAR	1.00	109.83	27.85	24.10	2	1953.0062	1953.0078	977.5112	-0.0016	-0.8184	30.48	20.81	22.74	36.29	No
XRCC6	P12956	X-ray repair cross-complementing protein 6	1.00	2	5.6	-	-	-	-	-	-	0	TEGDEEAEEEQEENLEASGDYK	0.52	23.94	20.79	36.94	3	2788.1929	2788.1926	930.4048	0.0003	0.1075	2.47	0.00	0.00	2.30	No
													DIISIAEDEDLR	1.00	78.06	27.99	24.99	2	1531.7848	1531.7851	766.8998	-0.0003	-0.1956	11.98	23.01	6.42	20.45	No
													DIISIAEDEDLR	1.00	67.69	28.08	24.83	2	1531.7854	1531.7851	766.8998	0.0003	0.1956	18.41	11.11	15.58	12.70	No
ZFYVE19	Q96K21	Zinc finger FYVE domain-containing protein 19	1.00	2	3.1	0.99	0.16	1.02	0.09	1.05	0.21	4	FTLFK	0.87	19.40	25.29	28.30	2	942.5778	942.5782	472.2964	-0.0004	-0.4235	4249.63	5105.91	4725.35	5137.76	Yes
													FTLFK	0.94	24.91	25.20	27.90	2	942.5788	942.5782	472.2964	0.0006	0.6352	3710.09	4165.15	4418.88	4685.79	Yes
													FTLFK	0.62	14.68	24.47	15.78	2	942.5772	942.5782	472.2964	-0.0010	-1.0587	947.84	1127.06	893.05	1081.29	Yes
													LAALQGR	0.86	18.62	24.65	25.82	2	871.5362	871.5361	436.7753	0.0001	0.1145	477.21	760.54	628.39	651.28	Yes