

Manuscript reference: JNC-2021-0100.R1

**EFhd2 brain interactome reveals its association with different cellular and molecular processes**

Ahlam S. Soliman<sup>1,2,3</sup>, Andrew Umstead<sup>1,4</sup>, Tessa Grabinski<sup>1</sup>, Nicholas M. Kanaan<sup>1,2,5</sup>, Andy Lee<sup>6</sup>, John Ryan<sup>6</sup>, Jared Lamp<sup>1,4</sup>, Irving E. Vega<sup>1,2,4,5,7\*</sup>

<sup>1</sup>Department of Translational Neuroscience, College of Human Medicine, Michigan State University, Grand Rapids, Michigan, USA

<sup>2</sup>Neuroscience Program, Michigan State University, Grand Rapids, Michigan, USA

<sup>3</sup>**Department of Clinical Pharmacy and Pharmacy Practice, Faculty of Pharmacy, Cairo University, Cairo, Egypt**

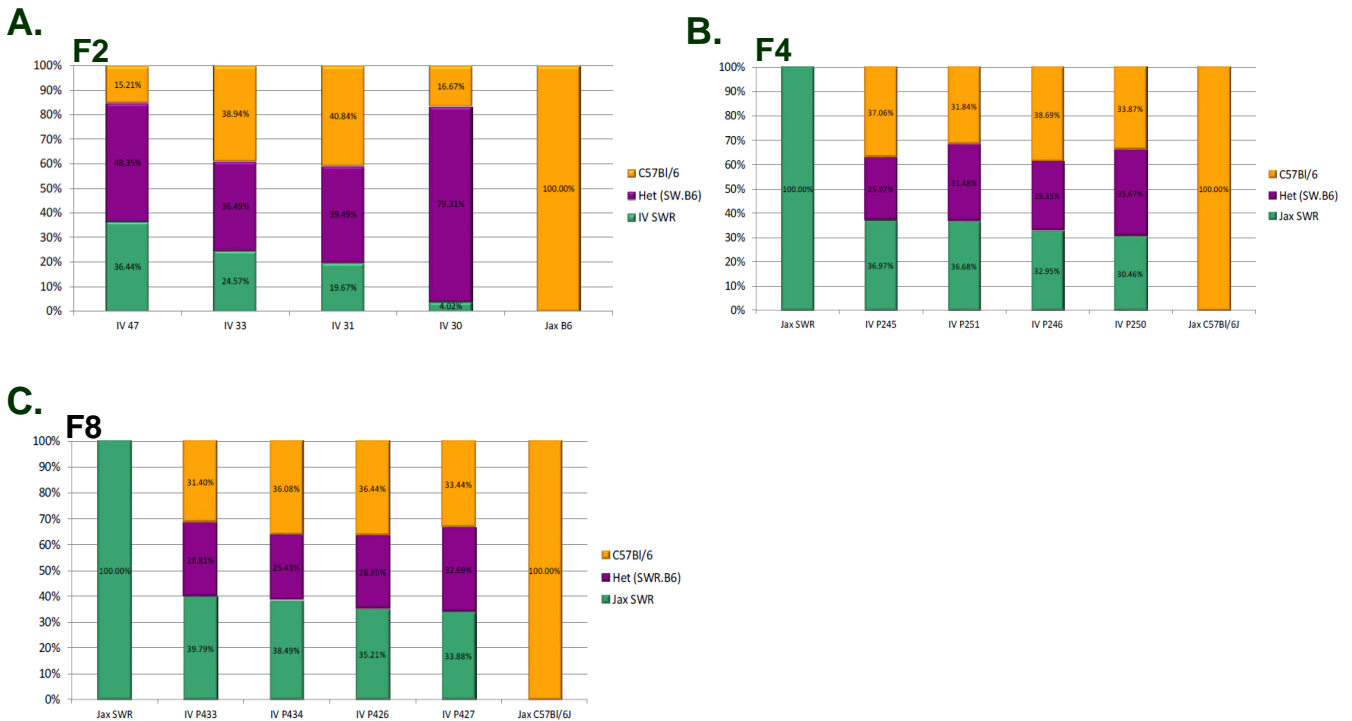
<sup>4</sup>Integrated Mass Spectrometry Unit, College of Human Medicine, Grand Rapids, Michigan, USA

<sup>5</sup>Hauenstein Neuroscience Center, Mercy Health Saint Mary's, Grand Rapids, MI 49503

<sup>6</sup>NeuroInitiatives LLC, Jacksonville, Florida, USA

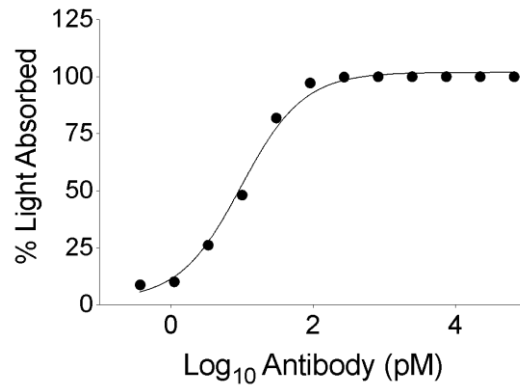
<sup>7</sup>Department of Neurology, University of Michigan, Ann Arbor, Michigan, USA

# Supplementary Figure 1. Genomic marker background assessment



**Suppl. Fig. 1. Genomic marker background assessment – SNPs.** A-C) Illustrates the SNPs associated to either Swiss Webster (SW), C57BL/6J or Mixed (Het(Sw.B6)) genomic background. Mice were selected randomly (n=4) from different generations (F2, F4 and F8). The number assigned to each mouse is listed on the graph. Starting F4, we have developed the mouse colony with stable homogeneous genomic background.

## Supplementary Figure 2. EFhd2 antibody titer



**Suppl. Fig. 2. EFhd2 antibody titer.** Purified mouse anti-EFhd2 antibody (clone 10D6) titer was determined using ELISA with full-length recombinant human EFhd2 protein. The calculated EC<sub>50</sub> was 10 pM indicating a high affinity antibody.







Q9C089	Protein Cnta5 OS=Musculus musculus OX=10090 GN=C	15	2	62	2	1	161.51	0.862	-0.21	0.38777944	20.31	95.1	104.9	13.09	12.21	Q9C089
P63325	40S ribosomal protein S10 OS=Musculus musculus OX=	39	7	177	7	1	387.37	0.873	-0.2	0.481712018	27.47	91.9	108.1	13.91	14.91	P63325
Q9C087	60S ribosomal protein L14 OS=Musculus musculus OX=	21	4	109	4	1	140.93	0.873	-0.2	0.461555643	21.63	95.7	105.7	11.44	8.87	Q9C087
Q9C2M2	60S ribosomal protein L15 OS=Musculus musculus OX=	43	10	347	10	1	965.15	0.872	-0.2	0.470191117	29.66	90.7	109.3	17.52	25.17	Q9C2M2
P62717	60S ribosomal protein L18a (Fragment) OS=Musculus	12	3	106	3	1	74.81	0.873	-0.2	0.478703263	24.62	90.5	109.5	18.83	19.06	P62717
P61255	60S ribosomal protein L26 OS=Musculus musculus OX=	33	6	240	6	1	164.11	0.871	-0.2	0.467030282	45.87	72.2	127.8	16.44	59.96	P61255
Q9C086	Coatomer subunit alpha OS=Musculus musculus OX=	5	20	5	1	1	50.15	0.871	-0.2	0.464857739	41.18	96.2	103.2	29.42	41.82	Q9C086
P16045	Galectin-1 OS=Musculus musculus OX=10090 GN=Lgal	27	4	94	4	1	99.02	0.868	-0.2	0.442106086	30.12	100.8	99.2	16.16	18.5	P16045
Q9R9X3	Golgi reassembly-stacking protein 2 OS=Musculus	7	2	37	2	1	42.08	0.872	-0.2	0.447969739	39.86	98.5	101.5	6.64	45.13	Q9R9X3
Q9J0N5	Acyl-CoA dehydrogenase family member 9, mitoch	6	2	2	2	1	2.26	1.145	0.2	0.47637122	41.79	108.4	91.6	50.76	11.32	Q9J0N5
Q9K272	Centriole, cilia and spindle-associated protein OS=	11	2	6	2	1	5.58	1.149	0.2	0.455178903	36.34	105.2	94.8	27.78	25.38	Q9K272
P47753	F-actin-capping protein subunit alpha-1 OS=Musculus	16	3	84	1	1	134.06	1.145	0.2	0.47637122	40.08	105	95	24.59	20.11	P47753
Q9C085	Fermitin family homolog 2 OS=Musculus musculus OX=	18	8	37	8	1	37.92	1.151	0.2	0.439494282	35.86	111.4	88.6	17.87	28.46	Q9C085
Q9R6L9	Guanylate cyclase subunit alpha-1 OS=Musculus	9	9	4	1	4	4.69	1.147	0.2	0.464857739	9.27	100.3	99.9	39.99	86.9	Q9R6L9
P63158	High mobility group protein B1 OS=Musculus musculus	40	15	479	15	1	829.08	1.146	0.2	0.467615779	67.16	106.1	93.9	18.29	26.28	P63158
P70699	Lysosomal alpha-glucosidase OS=Musculus musculus C	8	6	27	6	1	63.9	1.148	0.2	0.455667604	43.05	113.6	86.4	35.88	62.79	P70699
OS5022	Membrane-associated progesterone receptor co	45	6	110	6	1	253.61	1.147	0.2	0.461857739	33.24	105.9	94.1	9.16	9.58	OS5022
P04370	Myelin basic protein (Fragment) OS=Musculus musculus	51	13	2329	13	1	4511.28	1.148	0.2	0.455667604	54.12	106.4	93.6	17.14	21.57	P04370
O09114	Prostaglandin-H2-D isomerase OS=Musculus musculus	37	3	84	3	1	222.51	1.147	0.2	0.461857739	77.71	96	104	14.98	31.27	O09114
Q9D0U7	Rab3 GTPase-activating protein catalytic subunit 3	3	3	7	3	1	11.17	1.152	0.2	0.427808983	39.05	104.1	95.9	30.55	24.09	Q9D0U7
Q9D0U1	Ras suppressor protein 1 OS=Musculus musculus OX=	40	4	51	4	1	109.51	1.151	0.2	0.433962038	40.01	100.4	99.6	13.36	5.08	Q9D0U1
Q9R127	6-pyruvoyl tetrahydrobiopterin synthase OS=Muscu	29	2	21	2	1	27.59	1.157	0.21	0.398117115	50.74	114.7	85.3	19.79	61.28	Q9R127
Q9R759	Charged multivesicular body protein 5 OS=Musculus	26	4	49	4	1	171.46	1.16	0.21	0.375769625	47.21	101.8	98.2	27.58	51.32	Q9R759
P62897	Cytoschrome c, somatic OS=Musculus musculus OX=10	66	12	756	12	1	1455.05	1.156	0.21	0.403031568	45.12	108.4	91.6	11.31	7.96	P62897
Q9R388	Gamma-aminobutyric acid receptor-associated p	21	2	65	1	1	58.21	1.153	0.21	0.426057126	47.23	105.6	94.4	28.83	18.9	Q9R388
Q9P9P5	Long-chain-fatty acid-CoA ligase AC58G1 OS=Muscu	11	6	23	6	1	28.83	1.155	0.21	0.411221704	26.83	111.3	88.7	10.99	26.78	Q9P9P5
Q9R9H9	Membrane-associated guanylate kinase, WW anc	3	2	18	2	1	52.68	1.161	0.21	0.369504142	29.78	108.2	91.8	17.17	23.35	Q9R9H9
Q9D0F7	Mitochondrial peptidyl methionine sulfoxide red	11	2	4	2	1	7.77	1.158	0.21	0.392192425	37.49	99.5	106.5	73.74	40.57	Q9D0F7
Q9D0G5	Perilipin-3 OS=Musculus musculus OX=10090 GN=Plin	15	3	32	3	1	11.68	1.154	0.21	0.416853616	35.54	111.1	88.9	22.96	25.43	Q9D0G5
Q9J0P2	Synapsin-3 OS=Musculus musculus OX=10090 GN=Syn	10	4	47	3	1	101.97	1.157	0.21	0.398117115	41.46	112	88	15.78	30.21	Q9J0P2
Q9J0U6	Factor-1-associated gene 4 OS=Musculus musculus OX=	27	5	24	5	1	21.32	1.167	0.22	0.333320201	46.17	118.3	81.7	9.5	27.84	Q9J0U6
P79707	Fumarate hydratase, mitochondrial OS=Musculus	56	22	643	22	1	1574.93	1.165	0.22	0.346151879	29.71	104.8	95.2	17.4	41.4	P79707
P54071	Isocitrate dehydrogenase (NADP), mitochondrial	29	12	220	11	1	387.83	1.164	0.22	0.351163061	40.42	113.4	86.6	21.7	11.3	P54071
Q9R8T7	Isomorph 3 of Protein ND6G4 OS=Musculus musculus O	47	10	261	10	1	500.6	1.163	0.22	0.359776238	30.05	107.1	92.9	7.98	12.12	Q9R8T7
Q9SC07	L30 zinc finger domain-containing tubulette 2l	47	9	107	9	1	120.91	1.162	0.22	0.367043288	37.49	108.9	91.1	74.4	40.57	Q9SC07
Q9C6C3	Lon protease homolog, mitochondrial OS=Musculus	15	5	47	5	1	94.09	1.165	0.22	0.346151879	34.74	118.5	81.5	37.94	30.69	Q9C6C3
Q9D0C9	Multifunctional protein ADE2 OS=Musculus musculus	19	6	52	6	1	44.76	1.161	0.22	0.369504142	34.69	114.7	85.3	24.8	15.79	Q9D0C9
P06761	Neurogranin OS=Musculus musculus OX=10090 GN=NR	19	2	126	2	1	191.36	1.163	0.22	0.354938971	82.4	106.1	93.9	52.83	39.79	P06761
P52186	Thiosulfate sulfurtransferase OS=Musculus musculus	30	7	195	6	1	476.45	1.163	0.22	0.317760043	52.44	107.6	92.4	17.48	9.79	P52186
P68033	Actin, alpha cardiac muscle 1 OS=Musculus musculus	55	24	4727	4	1	8449.57	1.169	0.23	0.324690257	32.27	109	91	7	5.74	P68033
P56480	ATP synthase subunit beta, mitochondrial OS=Muscu	74	30	661	30	1	182.06	1.172	0.23	0.307391455	41.64	109.7	90.3	24.36	10.6	P56480
Q9D172	E1a protein homolog, mitochondrial OS=Musculus	47	9	107	9	1	136.39	1.17	0.23	0.318046748	40.74	109.3	90.5	8.13	12.5	Q9D172
B1AQ22	Kinesin-like protein OS=Musculus musculus OX=1009C	4	2	17	2	1	35.41	1.17	0.23	0.319046748	40.68	117	86.6	69.72	81AQ22	
Q9PWL0	Maleylacetylacetate isomerase OS=Musculus musculus	43	6	31	6	1	39.15	1.176	0.23	0.28537369	35.51	109.6	90.4	11.04	9.38	Q9PWL0
P97578	Ornithine aminotransferase, mitochondrial OS=Muscu	42	10	93	10	1	221.95	1.176	0.23	0.285703488	30.94	104.5	95.5	25.64	22.36	P97578
Q9J0M2	Rho GTPase-activating protein 35 OS=Musculus	4	3	15	3	1	26.97	1.172	0.23	0.312073176	47.31	129.2	70.8	29.19	16.89	Q9J0M2
Q9B811	Sodium-dependent neutral amino acid transport	4	2	19	2	1	38.62	1.171	0.23	0.313437466	31.27	109.4	90.6	17.63	17.45	Q9B811
Q9B9T9	Tether containing UBX domain for GLUT4 OS=Muscu	9	3	5	3	1	6.36	1.174	0.23	0.298613446	40.5	115.9	84.1	18.64	15.19	Q9B9T9
Q9V1H1	Twirlin-1 OS=Musculus musculus OX=10090 GN=Twf	18	4	30	4	1	58.73	1.17	0.23	0.319551782	22.69	107.9	92.1	29.48	19.92	Q9V1H1
Q9C080	Cytochrome OS=Musculus musculus OX=10090 GN=Cyt	21	3	117	3	1	278.03	1.182	0.24	0.269191686	30.68	111	82	27.94	35.15	Q9C080
Q9P9C5	Electron transfer flavoprotein subunit alpha, mtt	49	9	256	9	1	705.88	1.182	0.24	0.255047987	34.91	110.4	89.6	16.94	6.94	Q9P9C5
POC056	Histone H2A OS=Musculus musculus OX=10090 GN=	35	3	63	1	1	52.81	1.185	0.24	0.255807255	46.17	106.1	93.9	32.91	22.42	POC056
Q9D051	3-ketoadipyl-CoA thioesterase 1 OS=Musculus	44	11	212	11	1	99.1	1.182	0.25	0.21422637	32.34	109.5	90.5	17	8.68	Q9D051
Q9BWT1	3-ketoadipyl-CoA thioesterase, mitochondrial OS=Mus	44	11	212	11	1	99.1	1.182	0.25	0.21422637	32.34	109.5	90.5	17	8.68	Q9BWT1
P60710	Actin, cytoplasmic 1 OS=Musculus musculus OX=1009	80	34	7144	13	1	15797.56	1.187	0.25	0.212828232	44.36	110.5	89.5	2	9.75	P60710
Q9J245	ATP synthase subunit alpha, mitochondrial OS=Muscu	39	16	362	16	1	855.31	1.181	0.25	0.216726075	35.91	109.1	90.9	16.81	8.67	Q9J245
Q9K770	Corticosteroid-binding globulin OS=Musculus musculus	37	7	36	7	1	66.84	1.186	0.25	0.238471754	49.42	116.9	91.1	33.64	23.15	Q9K770
Q9J0H5	Isovaleryl-CoA dehydrogenase, mitochondrial OS=	37	9	63	9	1	141.98	1.19	0.25	0.22136208	56.85	146	54	40.42	100.66	Q9J0H5
Q9KCM0	Peruulfite dioxygenase ETHE1, mitochondrial OS=	9	2	4	2	1	2.8	1.188	0.25	0.226935782	29.98	112.8	87.2	27.19	22.49	Q9KCM0
P52760	2-iminobiotinidase 2-iminopropanoate deaminasi	70	7	263	7	1	716.66	1.199	0.26	0.188501642	30.01	111.8	88.2	9.28	10.26	P52760
OS5137	Acyl-coenzyme A thioesterase 1 OS=Musculus muscu	32	7	154	2	1	408.91	1.193	0.26	0.207155718	28.12	111.1	88.9	13.74	15.25	OS5137
Q9B8B7	Enolase-phosphatase E1 OS=Musculus musculus OX=	49	9	283	9	1	723.09	1.195	0.26	0.19778719	43.88	109.9	90.1	24.16	28	Q9B8B7
P04443	Glutamate dehydrogenase 1, mitochondrial OS=M	53	29	1343	29	1	3195.05	1.193	0.26	0.207155718	37.04	107.2	92.8	13.84	7.86	P04443
Q9C000	IS1-1 homolog OS=Musculus musculus OX=10090 GN=	15	2	4	2	1	0	1.197	0.26	0.191219923	29.18	113.5	86.6	14.77	12.18	Q9C000
Q9Z218	Succinate-CoA ligase (GDP-forming) subunit bet	12	4	15	4	1	29.35	1.199	0.26	0.188501642	31.63	102.3	97.7	27.87	15.13	Q9Z218
Q9K251	3-hydroxybutyryl-CoA hydrolase, mitochondrial	49	8	82	8	1	150.58	1.203	0.27	0.178089695	33.91	115	85	17.92	30.46	Q9K251
Q9W7N0	Gemmyerin amid pyrophosphate synthase OS=Muscu	26	5	31	5	1	35.8	1.207	0.27	0.155801541	51.93	92.1	107.9	38.04	29.62	Q9W7N0
Q9K423	NAD(P)H-hydrate epimerase OS=Musculus musculus	20	7	271	7	1	634.47	1.206	0.27	0.161887459	32.31	111.1	88.9	9.06	11.4	Q9K423
P55302	Alpha-2-macroglobulin receptor-associated prot	7	2	3	2	1	2.81	1.218	0.28	0.1249352	31.63	109.5	90.5	5.29	21.72	P55302
Q9D0W4	Electron transfer flavoprotein subunit beta OS=M	33	8	204	8	1	497.02	1.216	0.28	0.128960012	30.97	111.9	88.1	24.27	7.3	Q9D0W4
Q9C021	Heat shock factor-binding protein 1 OS=Musculus	72	4	120	4	1	262.64	1.218	0.28	0.124189317	54.51	108	92	17.2	10.13	Q9C021
P85094	Ischorismatase domain-containing protein 2A O	46	4	35	4	1	84.65	1.217	0.28	0.126744121	41.08	110.1	89.9	20.03	12.25	P85094

P10518	Delta-aminolevulinic acid dehydratase OS-Mus nt	60	10	349	10	1	879.34	1.266	0.34	0.039710038	43.98	117.1	82.9	34.3	30.56	P10518
D32793	Glutamate kinase isoform, mitochondrial OS-M	43	21	393	21	1	1103.12	1.263	0.34	0.04289774	38.59	118.1	81.9	21.93	15.44	D32793
Q9WU73	Ribosomal protein S6 kinase alpha 2 OS-Mus mu	11	5	22	5	1	41.37	1.262	0.24	0.04867279	48.26	110.9	89.1	45.37	25.65	Q9WU73
P38647	Stress 70 protein, mitochondrial OS-Mus musc	44	23	539	22	1	1147.51	1.268	0.34	0.037228642	32.95	110.3	89.7	15.81	7.19	P38647
P09671	Superoxide dismutase [Mn], mitochondrial OS-M	55	10	708	10	1	1245.57	1.265	0.34	0.041164478	32.18	111.5	88.5	14.74	5.35	P09671
Q60597	Isoform 3 of 2-oxoglutarate dehydrogenase, mitc	29	23	338	17	1	507.63	1.275	0.35	0.03896067	38.91	113.6	88.4	16.74	13.19	Q60597
P08249	Malate dehydrogenase, mitochondrial OS-Mus nt	65	18	1121	18	1	2984.01	1.274	0.35	0.031566773	26.29	111.9	88.1	12.38	3.19	P08249
Q9JL23	Methylglutanyl-CoA hydratase, mitochondrial I	13	4	17	4	1	5.71	1.275	0.35	0.031309226	24.92	119.7	80.3	20.5	15.77	Q9JL23
E9QP07	Pyruvate carboxylase OS-Mus musculus OX-100	31	20	206	20	1	557.03	1.27	0.35	0.03299709	34.68	116.3	83.7	11.7	6.83	E9QP07
P20108	Thioredoxin-dependent peroxidase reductase, mitc	28	7	168	7	1	247.43	1.272	0.35	0.034097056	42.43	112.5	87.5	16.64	13.18	P20108
Q9JKK7	Tropomodulin-2 OS-Mus musculus OX-10090 Gf	57	13	295	13	1	879.35	1.274	0.35	0.032113502	36.06	119.6	80.4	16.13	10.36	Q9JKK7
PE1922	4-aminobutyrate aminotransferase, mitochondrial	62	28	1197	28	1	2983.64	1.282	0.36	0.026198834	32.97	111.7	88.3	12.83	5.64	PE1922
Q9CQ84	Acyl-coenzyme A thioesterase 13 OS-Mus muscu	29	4	41	4	1	5.6	1.28	0.36	0.027144334	34.31	109.4	90.6	19.93	13.1	Q9CQ84
Q9S029	ATP synthase subunit delta, mitochondrial OS-M	38	3	15	3	1	19.08	1.281	0.36	0.027019267	41.48	111.9	88.1	31.21	15.14	Q9S029
Q8BMF3	NADP-dependent malic enzyme, mitochondrial O	46	17	381	17	1	1184.39	1.28	0.36	0.027019267	38.05	116.8	83.2	14.38	22.23	Q8BMF3
Q92282	Aspartate-tRNA ligase, cytoplasmic OS-Mus mus	25	10	96	10	1	201.7	1.292	0.37	0.018979598	28.72	117.4	82.6	9.19	18.01	Q92282
Q9CQ81	Heat shock protein 70 kDa, mitochondrial OS-Mu	8	3	134	2	1	319.88	1.294	0.37	0.018021425	60.65	115.5	84.5	27.44	19.43	Q9CQ81
Q92219	Succinate-CoA ligase (ADP-forming) subunit bet	44	17	309	17	1	703.31	1.292	0.37	0.019262994	30.71	117.6	82.4	17.68	12.77	Q92219
Q63932	Dual specificity mitogen-activated protein kinase	14	6	226	1	1	338.19	1.298	0.38	0.01566844	55.9	117.4	82.6	35.15	27.99	Q63932
Q9D051	Pyruvate dehydrogenase E1 component subunit	45	13	531	13	1	1138.99	1.299	0.38	0.01566844	31.52	115.8	84.2	19.53	9.12	Q9D051
Q8RW60	Succinate-semialdehyde dehydrogenase, mitoch	45	16	406	16	1	948.32	1.3	0.38	0.015881529	37.27	114.6	85.4	13.61	7.76	Q8RW60
P47738	Aldehyde dehydrogenase, mitochondrial OS-Mu	44	18	371	17	1	751.19	1.311	0.39	0.011587802	27.47	112.4	87.6	13.86	11.23	P47738
Q8RS11	Complement component 1 Q subcomponent-bn	48	8	216	8	1	756.07	1.307	0.39	0.01318821	35.65	118.2	81.8	26.16	17.28	Q8RS11
Q7TM68	Globulins amplified sequence OS-Mus muscu	35	7	82	6	1	180.06	1.311	0.39	0.011642784	39.63	118.1	81.9	48.03	32.26	Q7TM68
P70404	Isoacrylate dehydrogenase (IMD) subunit gamma	27	7	126	7	1	323.79	1.311	0.39	0.011587802	46.6	116	84	27.2	18.13	P70404
Q6ZWY8	Thymosin beta-10 OS-Mus musculus OX-10090 I	45	3	92	3	1	228.08	1.306	0.39	0.01318821	115.94	121.3	78.7	77.95	133.38	Q6ZWY8
Q8BH44	Coronin-2B OS-Mus musculus OX-10090 Gb-Co	17	4	39	4	1	80.91	1.315	0.4	0.010395151	30.42	142.8	57.2	26.62	70.76	Q8BH44
B0KRT3	Ophiophorin OS-Mus musculus OX-10090 Gb	26	19	254	13	1	424.57	1.323	0.41	0.00805431	39.79	113.6	86.4	22.59	8.95	B0KRT3
Q9CR21	Acyl carrier protein, mitochondrial OS-Mus musc	12	2	46	2	1	15.7	1.339	0.42	0.004815538	34.26	113.5	86.5	22.13	10.78	Q9CR21
Q9QV60	Isoform 2 of Protein ND62 OS-Mus musculus O	50	12	634	1	1	1477.15	1.339	0.42	0.004815538	49.85	108	92	35.58	23.72	Q9QV60
Q8D749	Dihydrolipoyl dehydrogenase, mitochondrial OS-	42	14	408	14	1	791.3	1.345	0.43	0.003801066	30.61	115.4	84.6	13.73	8.3	Q8D749
Q9S1A7	Isoacrylate dehydrogenase, mitochondrial OS-M	49	15	365	15	1	743.79	1.347	0.43	0.003801066	30.57	116.4	83.6	13.61	6.69	Q9S1A7
D32DY2	Peroxisomal protein PEX1 OS-Mus musculus OX-10090 Gb	73	22	1767	3	1	3799.8	1.35	0.43	0.003267937	78.36	125.2	74.8	26.48	31.95	D32DY2
Q9D815	39S ribosomal protein L12, mitochondrial OS-Mu	12	2	26	2	1	23.65	1.369	0.45	0.001699676	70.03	139.5	66.5	47.91	38.7	Q9D815
PE3028	60 kDa heat shock protein, mitochondrial OS-Mu	69	24	1214	24	1	3467.57	1.366	0.45	0.001884821	40.28	117.8	82.2	20.77	7.84	PE3028
P30065	Thymosin beta-4 OS-Mus musculus OX-10090 G	50	5	203	5	1	543.57	1.362	0.45	0.00222402	97.22	115	85	43.8	92.15	P30065
Q8BMF4	Dihydrolipoyllysine-residue acetyltransferase cor	21	10	238	10	1	342.59	1.386	0.47	0.000920894	35.23	114.4	85.6	32.65	18.99	Q8BMF4
Q9D059	Histidine triad nucleotide-binding protein 2, mito	20	2	11	2	1	27.49	1.391	0.48	0.000784882	32.09	113.6	86.4	17.94	5.36	Q9D059
Q9WU85	Succinate-CoA ligase (ADP-GDP-forming) subun	29	9	157	9	1	358.18	1.406	0.49	0.000440551	39.7	119.3	80.7	21.52	10.95	Q9WU85
Q9D022	Dihydrolipoyllysine-residue succinyltransferase	19	7	155	7	1	253.18	1.428	0.51	0.000197247	28.95	121.3	78.7	13.67	19.65	Q9D022
Q9D6R2	Isoacrylate dehydrogenase (IMD) subunit, mitoch	32	12	612	12	1	1096.8	1.428	0.51	0.000196332	30.74	115	85	15.42	6.33	Q9D6R2
Q8D756	3-hydroxyacyl-CoA dehydrogenase type-2 OS-Mu	34	5	124	5	1	230.75	1.431	0.52	0.000179702	30.64	117.8	82.2	16.53	8.95	Q8D756
Q9W7P7	GTP-AMP phosphotransferase AK3, mitochondrial	28	5	14	5	1	10.89	1.435	0.52	0.000152431	37.72	121.2	78.8	14.07	13.81	Q9W7P7
P35486	Pyruvate dehydrogenase E1 component subunit	29	12	228	12	1	448.55	1.455	0.54	6.89914E-05	46.59	119	81	23.07	17.55	P35486
Q8BH95	Elongation factor Tu, mitochondrial OS-Mus mu	36	12	94	12	1	150.57	1.469	0.55	4.34089E-05	34.7	126.1	73.9	23.86	15.97	Q8BH95
Q8R023	Tropoactin-beta 1 OS-Mus musculus OX-1E	15	2	77	2	1	268.08	1.46	0.55	5.71846E-05	56.15	123.9	76.1	46.67	20.3	Q8R023
Q61425	Hydroxyacyl-coenzyme A dehydrogenase, mitoch	31	5	133	5	1	322.95	1.476	0.56	3.04834E-05	38.36	124	76	20.59	17.44	Q61425
Q8BH95	Enoyl-CoA hydratase, mitochondrial OS-Mus mu	36	7	69	7	1	144.79	1.484	0.57	2.24414E-05	33.07	126.9	73.1	17.96	17.42	Q8BH95
Q8R071	Inositol triphosphate 3-kinase A OS-Mus muscu	11	3	11	3	1	22.51	1.501	0.59	1.09800E-05	31.69	119.6	80.4	11.65	22.25	Q8R071
Q9R9V4	Cyclin-G-associated kinase OS-Mus musculus OX	2	3	44	1	1	0	1.521	0.6	4.62127E-06	40.74	110.1	89.9	30.99	23.18	Q9R9V4
Q8K120	Ubiquinone biosynthesis protein COQ8, mitoch	25	3	47	3	1	53.57	1.523	0.61	4.18483E-06	31.24	119.1	80.9	14.23	16.84	Q8K120
Q8B956	ATP-dependent Clp protease proteolytic subunit,	11	2	13	2	1	41.98	1.54	0.62	2.11477E-06	38.01	137.8	62.2	20.15	38.64	Q8B956
P31173	Kinesin-like protein KIF1A OS-Mus musculus OX-	18	26	293	26	1	484.32	1.533	0.62	2.7519E-06	31.08	130.1	69.9	9.53	9.58	P31173
Q6G557	Histone H2A type 2-A OS-Mus musculus OX-100	60	8	82	4	1	249.41	1.559	0.64	9.3876E-07	75	143.4	56.6	15.09	110.08	Q6G557
P01867	Ig gamma-2B chain C region OS-Mus musculus O	12	4	38	4	1	98.31	1.57	0.65	6.07993E-07	48.69	122.9	77.1	41.36	41.08	P01867
Q9CQ56	Drebrin OS-Mus musculus OX-10090 Oln-101 I	30	15	249	15	1	678.22	1.576	0.66	4.61798E-07	33.48	129.2	70.8	13.17	11.01	Q9CQ56
Q9CQX8	28S ribosomal protein S8b, mitochondrial OS-Mu	57	3	19	3	1	37.89	1.597	0.68	1.83402E-07	32.19	126	74	23.1	21.05	Q9CQX8
P60670	Nuclear protein localization protein 4 homolog O	5	2	7	2	1	8	1.637	0.7	3.7671E-08	77.53	119.2	80.8	64.3	50.16	P60670
P62322	UG snRNP-associated Sm-like protein 15m5 OS-M	62	3	60	3	1	133.71	1.689	0.76	2.19519E-09	70.47	147	53	73.86	106.51	P62322
Q9CYW4	Haloacid dehalogenase-like hydrolase domain-co	25	2	24	2	1	26.44	1.746	0.8	1.35880E-10	50.42	118.9	81.1	40.11	23.36	Q9CYW4
D3YU44	Family with sequence similarity 151, member B O	24	2	2	2	1	3.65	1.877	0.91	1.38013E-13	22.47	130.1	69.9	16.39	10.51	D3YU44
Q8CHT0	Delta-1-pyrroline-5-carboxylate dehydrogenase,	9	3	55	3	1	96.19	2.047	1.03	6.9925E-16	44.79	139.3	60.7	13.24	27.86	Q8CHT0
Q84288	Olfactory marker protein OS-Mus musculus OX-	74	8	50	8	1	119.88	2.169	1.12	6.9925E-16	104.82	37.2	162.8	224.4	108	Q84288
Q9D165	Complement C1q subcomponent subunit C OS-A	13	2	3	2	1	6.02	2.394	1.26	6.9925E-16	41.81	166.8	33.2	33.23	16.12	Q9D165





Protein CnA OS-Mus musculus OX-10090 GmC	1628064.002	1917309.875	1287038.872	1532781.226	1459141.141	1806453.864	1806120.953	1509498.007	1532497.115	1194618.115	1577265.75	1807810.346	1197962.639	1118034.447	866851.0662	1348892.314	1228561.414	1384219.418
605 ribosomal protein S10 OS-Mus musculus OX	5175355.306	5206115.863	5011482.16	4870447.811	4470514.764	4444887.375	4529399.922	4997375.392	4954898.538	4123255.034	3870120.656	3632934.957	3501948.847	3483832.052	3746718.877	4045158.847	4094273.691	4175350.469
605 ribosomal protein L14 OS-Mus musculus OX	2731311.007	2732802.348	2731595.935	2730048.253	2859585.28	2635191.198	2790692.186	2793021.072	2794299.662	2672929.662	2532455.425	2455832.598	2455765.589	2455765.589	2455765.589	2690433.352	3051128.686	3851128.686
40S ribosomal protein L16 OS-Mus musculus OX	2119632.59	3180154.74	1488935.79	1830939.72	2729147.182	2796968.06	23217035.96	3610055.54	2609932	2903829.58	25028329.58	2613186.59	2613186.59	2613186.59	2613186.59	2732184.58	2732184.58	2732184.58
60S ribosomal protein L8a (Fragment) OS-Mus	1232862.246	1790737.31	1904931.17	1230312.48	968345.44	1239454.63	96800.381	1299312.52	1087815.18	1341039.48	1450101.031	956313.31	958380.64	118888.347	1173079.43	1148293.571	1245663.176	1312004.907
60S ribosomal protein L24 OS-Mus musculus OX	576971.6769	7110737.143	584214.204	845237.7163	690334.789	646687.918	645652.579	845058.027	845058.027	516425.826	168083.795	856620.573	818888.347	1156461.609	718299.483	2486814.909	650414.604	721895.8399
Customer subunit alpha OS-Mus musculus OX	1233221.0695	91621.2149	197091.535	195705.681	174233.6789	802347.545	102240.2774	10130.2774	10130.2774	1408897.57	1408897.57	1408897.57	1408897.57	1408897.57	1408897.57	1408897.57	170524.9083	1420971.063
Galectin-1 OS-Mus musculus OX-10090 GmC	1299328.466	1353695.497	1503965.497	1554007.438	1493699.811	1631467.397	1474500.886	1126915.178	1127442.602	145007.0162	1380892.966	1369297.511	1390575.425	1310467.418	1319025.913	1449359.465	1470231.357	1820653.215
Goat reassembly-stacking protein 2 OS-Mus musculus	1597073.611	1758993.405	1608999.62	2229298.36	86516.58009	2628347.197	1764598.826	2069420.529	1806610.026	1649329.075	1679408.055	1672445.518	2574099.766	2359292.397	2294514.931	2516010.628	2388744.738	1545625.321
Apf-COA dehydrogenase family member 9, mito	166149.4083	195975.8599	592706.4349	37525.0197	34746.6104	129642.001	193612.859	200534.367	210958.9649	26008.0469	237146.565	173314.6524	298906.852	113571.8618	113571.8618	409517.346	409517.346	409517.346
Centriole, class and spindle-associated protein 5	131778.3447	208912.1344	175544.3311	200906.5855	23381.7299	170436.5246	161094.5212	21961.2991	2961.2991	161043.1556	207260.6909	251333.1716	256568.2408	256568.2408	118623.5388	340687.6509	232242.5333	322242.5333
F-actin-capping protein subunit alpha 1 OS-Mus	433925.263	288145.254	76458.0296	697572.6322	720206.491	704250.7964	870187.9754	870187.9754	870187.9754	818328.5625	780677.0488	887721.2974	394645.5155	779089.341	566740.2889	153088.1579	592294.1288	592294.1288
Ferlin family homolog 2 OS-Mus musculus OX	769001.8938	741788.8322	831817.1536	577857.8862	71258.4413	632481.8114	709883.167	70139.6222	867207.251	740897.4127	887478.25	55372.0789	464489.327	82747.4482	41185.4008	677440.857	95773.8487	733163.078
Guanine nucleotide subunit alpha 1 OS-Mus	416774.6578	274529.6029	289221.1501	345381.4489	345381.0397	369793.1369	10150.2272	218765.9671	49247.2255	14508.1467	93884.6245	179577.8584	163898.3041	261741.7551	765137.8309	1389481.32	154842.282	154842.282
Glycylglycyl-transferase 1 OS-Mus musculus OX	1299328.466	1353695.497	1503965.497	1554007.438	1493699.811	1631467.397	1474500.886	1126915.178	1127442.602	145007.0162	1380892.966	1369297.511	1390575.425	1310467.418	1319025.913	1449359.465	1470231.357	1820653.215
Goat reassembly-stacking protein 2 OS-Mus musculus	1597073.611	1758993.405	1608999.62	2229298.36	86516.58009	2628347.197	1764598.826	2069420.529	1806610.026	1649329.075	1679408.055	1672445.518	2574099.766	2359292.397	2294514.931	2516010.628	2388744.738	1545625.321
Apf-COA dehydrogenase family member 9, mito	166149.4083	195975.8599	592706.4349	37525.0197	34746.6104	129642.001	193612.859	200534.367	210958.9649	26008.0469	237146.565	173314.6524	298906.852	113571.8618	113571.8618	409517.346	409517.346	409517.346
Centriole, class and spindle-associated protein 5	131778.3447	208912.1344	175544.3311	200906.5855	23381.7299	170436.5246	161094.5212	21961.2991	2961.2991	161043.1556	207260.6909	251333.1716	256568.2408	256568.2408	118623.5388	340687.6509	232242.5333	322242.5333
F-actin-capping protein subunit alpha 1 OS-Mus	433925.263	288145.254	76458.0296	697572.6322	720206.491	704250.7964	870187.9754	870187.9754	870187.9754	818328.5625	780677.0488	887721.2974	394645.5155	779089.341	566740.2889	153088.1579	592294.1288	592294.1288
Ferlin family homolog 2 OS-Mus musculus OX	769001.8938	741788.8322	831817.1536	577857.8862	71258.4413	632481.8114	709883.167	70139.6222	867207.251	740897.4127	887478.25	55372.0789	464489.327	82747.4482	41185.4008	677440.857	95773.8487	733163.078
Guanine nucleotide subunit alpha 1 OS-Mus	416774.6578	274529.6029	289221.1501	345381.4489	345381.0397	369793.1369	10150.2272	218765.9671	49247.2255	14508.1467	93884.6245	179577.8584	163898.3041	261741.7551	765137.8309	1389481.32	154842.282	154842.282
Glycylglycyl-transferase 1 OS-Mus musculus OX	1299328.466	1353695.497	1503965.497	1554007.438	1493699.811	1631467.397	1474500.886	1126915.178	1127442.602	145007.0162	1380892.966	1369297.511	1390575.425	1310467.418	1319025.913	1449359.465	1470231.357	1820653.215
Goat reassembly-stacking protein 2 OS-Mus musculus	1597073.611	1758993.405	1608999.62	2229298.36	86516.58009	2628347.197	1764598.826	2069420.529	1806610.026	1649329.075	1679408.055	1672445.518	2574099.766	2359292.397	2294514.931	2516010.628	2388744.738	1545625.321
Apf-COA dehydrogenase family member 9, mito	166149.4083	195975.8599	592706.4349	37525.0197	34746.6104	129642.001	193612.859	200534.367	210958.9649	26008.0469	237146.565	173314.6524	298906.852	113571.8618	113571.8618	409517.346	409517.346	409517.346
Centriole, class and spindle-associated protein 5	131778.3447	208912.1344	175544.3311	200906.5855	23381.7299	170436.5246	161094.5212	21961.2991	2961.2991	161043.1556	207260.6909	251333.1716	256568.2408	256568.2408	118623.5388	340687.6509	232242.5333	322242.5333
F-actin-capping protein subunit alpha 1 OS-Mus	433925.263	288145.254	76458.0296	697572.6322	720206.491	704250.7964	870187.9754	870187.9754	870187.9754	818328.5625	780677.0488	887721.2974	394645.5155	779089.341	566740.2889	153088.1579	592294.1288	592294.1288
Ferlin family homolog 2 OS-Mus musculus OX	769001.8938	741788.8322	831817.1536	577857.8862	71258.4413	632481.8114	709883.167	70139.6222	867207.251	740897.4127	887478.25	55372.0789	464489.327	82747.4482	41185.4008	677440.857	95773.8487	733163.078
Guanine nucleotide subunit alpha 1 OS-Mus	416774.6578	274529.6029	289221.1501	345381.4489	345381.0397	369793.1369	10150.2272	218765.9671	49247.2255	14508.1467	93884.6245	179577.8584	163898.3041	261741.7551	765137.8309	1389481.32	154842.282	154842.282
Glycylglycyl-transferase 1 OS-Mus musculus OX	1299328.466	1353695.497	1503965.497	1554007.438	1493699.811	1631467.397	1474500.886	1126915.178	1127442.602	145007.0162	1380892.966	1369297.511	1390575.425	1310467.418	1319025.913	1449359.465	1470231.357	1820653.215
Goat reassembly-stacking protein 2 OS-Mus musculus	1597073.611	1758993.405	1608999.62	2229298.36	86516.58009	2628347.197	1764598.826	2069420.529	1806610.026	1649329.075	1679408.055	1672445.518	2574099.766	2359292.397	2294514.931	2516010.628	2388744.738	1545625.321
Apf-COA dehydrogenase family member 9, mito	166149.4083	195975.8599	592706.4349	37525.0197	34746.6104	129642.001	193612.859	200534.367	210958.9649	26008.0469	237146.565	173314.6524	298906.852	113571.8618	113571.8618	409517.346	409517.346	409517.346
Centriole, class and spindle-associated protein 5	131778.3447	208912.1344	175544.3311	200906.5855	23381.7299	170436.5246	161094.5212	21961.2991	2961.2991	161043.1556	207260.6909	251333.1716	256568.2408	256568.2408	118623.5388	340687.6509	232242.5333	322242.5333
F-actin-capping protein subunit alpha 1 OS-Mus	433925.263	288145.254	76458.0296	697572.6322	720206.491	704250.7964	870187.9754	870187.9754	870187.9754	818328.5625	780677.0488	887721.2974	394645.5155	779089.341	566740.2889	153088.1579	592294.1288	592294.1288
Ferlin family homolog 2 OS-Mus musculus OX	769001.8938	741788.8322	831817.1536	577857.8862	71258.4413	632481.8114	709883.167	70139.6222	867207.251	740897.4127	887478.25	55372.0789	464489.327	82747.4482	41185.4008	677440.857	95773.8487	733163.078
Guanine nucleotide subunit alpha 1 OS-Mus	416774.6578	274529.6029	289221.1501	345381.4489	345381.0397	369793.1369	10150.2272	218765.9671	49247.2255	14508.1467	93884.6245	179577.8584	163898.3041	261741.7551	765137.8309	1389481.32	154842.282	154842.282
Glycylglycyl-transferase 1 OS-Mus musculus OX	1299328.466	1353695.497	1503965.497	1554007.438	1493699.811	1631467.397	1474500.886	1126915.178	1127442.602	145007.0162	1380892.966	1369297.511	1390575.425	1310467.418	1319025.913	1449359.465	1470231.357	1820653.215
Goat reassembly-stacking protein 2 OS-Mus musculus	1597073.611	1758993.405	1608999.62	2229298.36	86516.58009	2628347.197	1764598.826	2069420.529	1806610.026	1649329.075	1679408.055	1672445.518	2574099.766	2359292.397	2294514.931	2516010.628	2388744.738	1545625.321
Apf-COA dehydrogenase family member 9, mito	166149.4083	195975.8599	592706.4349	37525.0197	34746.6104	129642.001	193612.859	200534.367	210958.9649	26008.0469	237146.565	173314.6524	298906.852	113571.8618	113571.8618	409517.346	409517.346	409517.346
Centriole, class and spindle-associated protein 5	131778.3447	208912.1344	175544.3311	200906.5855	23381.7299	170436.5246	161094.5212	21961.2991	2961.2991	161043.1556	207260.6909	251333.1716	256568.2408	256568.2408	118623.5388	340687.6509	232242.5333	322242.5333
F-actin-capping protein subunit alpha 1 OS-Mus	433925.263	288145.254	76458.0296	697572.6322	720206.491	704250.7964	870187.9754	870187.9754	870187.9754	818328.5625	780677.0488	887721.2974	394645.5155	779089.341	566740.2889	153088.1579	592294.1288	592294.1288
Ferlin family homolog 2 OS-Mus musculus OX	769001.8938	741788.8322	831817.1536	577857.8862	71258.4413	632481.8114</												







QBC089	Protein Cnta5 OS-Musculus OX-10090 GN-C	1707917.721	206462.076	169896.891	1806369.427	1801782.027	1935860.639	1340615.456	1347352.635	1888311.241	1877937.957	1688820.723	1461674.347	1384009.757	1694707.952	1829988.02	1422668.973	1360708.477	129038.559
P63325	60S ribosomal protein L10 OS-Musculus OX	4697343.84	999888.789	564980.116	5192380.444	504288.794	511113.703	421329.554	5040469.119	5002185.182	4471276.061	4995660.639	5094109.236	4797481.683	5097506.012	478136.682	3237818.917	3696245.777	3508646.621
QBC087	60S ribosomal protein L14 OS-Musculus OX	4738021.478	101096.78	424021.261	620211.087	620201.261	624378.671	640404.848	2589866.826	3501217.97	3790710.627	2388544.534	2295651.615	44911368.117	476121.412	387329.022	432513.702	467339.487	442762.73
QBC262	60S ribosomal protein S10 OS-Musculus OX	1971210.267	31067.611	5297919.31	33870923.14	33870923.14	33870923.14	33870923.14	33870923.14	33870923.14	33870923.14	33870923.14	33870923.14	33870923.14	33870923.14	33870923.14	33870923.14	33870923.14	33870923.14
P62717	60S ribosomal protein L18 (Fragment) OS-Mus	1270296.790	176871.209	1797371.781	1675780.786	1624241.075	1581463.216	1466822.017	1072570.043	1072699.915	151014.722	1388859.099	1388859.099	1388859.099	1388859.099	1388859.099	1388859.099	1388859.099	1388859.099
P61255	60S ribosomal protein L26 OS-Musculus OX	1007100.737	2775540.771	3005537.367	2604804.818	1550438.490	2601021.776	88024.2084	1273121.215	1273121.215	1273121.215	1273121.215	1273121.215	1273121.215	1273121.215	1273121.215	1273121.215	1273121.215	1273121.215
QBC16	Coatomer subunit alpha OS-Musculus OX-C	960991.0891	179862.7845	1444558.781	172127.005	111327.005	111327.005	111327.005	111327.005	111327.005	111327.005	111327.005	111327.005	111327.005	111327.005	111327.005	111327.005	111327.005	111327.005
P16045	Galectin-1 OS-Musculus OX-10090 GN-Gal	201987.56	1161418.827	1800878.298	1380889.298	1380889.298	1380889.298	1380889.298	1380889.298	1380889.298	1380889.298	1380889.298	1380889.298	1380889.298	1380889.298	1380889.298	1380889.298	1380889.298	1380889.298
QPN933	Goat reassembly-stacking protein 2 OS-Muscu	1939489.488	2657468.006	2109626.267	2418662.027	207278.674	251445.5675	2683798.409	2450780.623	324645.367	129077.018	1393110.133	234372.479	2195959.376	137822.629	148692.549	202761.647	160787.117	160787.117
QJL265	Acyl-CoA dehydrogenase family member 9, mito	150469.7612	189379.4418	1121350.799	173360.6499														
QKQ722	Centriole, class II and spindle-associated protein	150528.3638																	
P47753	F-actin-capping protein subunit alpha 1 OS-Mu	905289.4058	202928.309	212259.6678	639210.119	639210.119	639210.119	639210.119	639210.119	639210.119	639210.119	639210.119	639210.119	639210.119	639210.119	639210.119	639210.119	639210.119	639210.119
QBC185	Fermitin family protein 2 OS-Musculus OX	607419.864	362368.287	67146.2942	34222.1249	14053.2078	134345.1035	605284.0049	615380.3807	74651.249	74320.047	818415.2673	801133.541	503655.0883	56229.718	52495.005	410949.4824	544835.9895	544835.9895
QF9E40	Guanylate cyclase soluble subunit alpha 1 OS-M	21461.9757	13544698.893																
P61518	High mobility group protein B1 OS-Musculus	102765.005	14236583.37	1671734.12	13216915.03	14296088.31	15068893.15	10604876.85	1230509.11	1324789.47	1370920.88	1522068.177	1542537.12	1174456.38	1125633.84	1339339.04	2420966.88	2354273.97	232735.97
QF0499	Myosin light chain alpha-glucosidase OS-Muscu	7357.23388	253458.859	62640.526	57990.4598	656237.323	66297.8082	213554.9197	269946.302	37525.207	195602.5692	197061.5877	51073.0044	251483.798	138644.1124	170486.7699	319395.6648	171000.6097	1113471.193
Q15502	Membrane-associated progesterone receptor co	1664032.516	2437723.024	262474.604	274050.485	2651074.699	2712935.315	267504.189	297271.129	290880.897	2630964.978	1936789.803	235412.874	261022.235	2576764.404	252786.366	246785.883	199	244560.291
QF4370	Lysenin basic protein (Fragment) OS-Musculu	100005.793	1632447.877	178383318.4	1654499.818	15821767.1	16439039.2	269946610.5	268002979.9	195601397.7	149698802.	21765.1392	129485.935	135796277.3	11006554.74	11006554.74	11006554.74	11006554.74	11006554.74
QO0114	Prostaglandin-H2 D-isomerase OS-Musculus	3879620.214	1086688.075	903452.704	121801.446	892367.643	197425.541	627897.518	612646.195	64342.596	612646.195	46873.403	847083.9538	669414.678	1324785.154	59125.2446	782602.5765	1067245.316	1485601.540
QK0107	Rab7 GTPase-activating protein catalytic subun	384226.838	68984.8442	727670.338	531198.559	528657.6331	532479.7059	552417.5668	232412.2594	64843.5962	617881.4002	22068.6445	64726.9219	27826.816	78556.457	55225.0067	60153.2478	17348.5668	17348.5668
QK0011	Ras suppressor protein 1 OS-Musculus OX-C	1157676.511	944901.3807	819021.2977	81259.0361	888166.7377	106447.641	84794.2202	791508.896	85861.2994	86038.243	102389.891	90284.9604	112075.646	64071.7256	84071.7025	90874.5517	100786.944	868137.0577
QK0127	6-pyruvoyl tetrahydrobiopterin synthase OS-M	18188.456	25182.9014	231172.010	390079.4617	19794.1816	7751.95694	47851.58456	348837.3207	42252.05685	59309.103	1216.95405	24510.96545	36042.1582	24410.828	161653.390	36418.4934	334979.7608	346071.614
QK0759	Gamma tubular multivesicular body protein 5 OS-Mu	461022.1585	1370881.407	1235544.431	1264949.131	1264243.455	645045.529	519056.194	538833.0882	716006.495	54009.153	540944.507	602899.4111	95859.8077	1110109.281	464875.124	410150.3992	316370.5747	316370.5747
P62897	Cytidine C, uracile OS-Musculus OX-10	7385991.74	69235888.05	6402548.12	614671.385	618992866.72	7679978.875	789481.85	789481.85	789481.85	789481.85	789481.85	789481.85	789481.85	789481.85	789481.85	789481.85	789481.85	789481.85
QK9838	Gamma-aminobutyrate receptor-associated c	197470.668	22018.1122	31258.879	62400.198	62400.198	62400.198	62400.198	62400.198	62400.198	62400.198	62400.198	62400.198	62400.198	62400.198	62400.198	62400.198	62400.198	62400.198
QK9839	Long-chain fatty-acyl-CoA ligase ACS6G1 OS-M	248162.677	1401553.889	1088004.852	919882.741	1201594.946	669434.1121	164456.249	194037.679	1780366.741	1780366.741	1780366.741	1780366.741	1780366.741	1780366.741	1780366.741	1780366.741	1780366.741	1780366.741
QK9840	Membrane-associated guanylate kinase, WW do	272889.7788	27617.2175	214553.206	209583.176	145755.564	112641.6442	29675.7323	39108.5327	26981.9217	25533.4516	146150.009	600433.8569	14639.3907	29374.4161	29374.4161	312103.7349	37962.0528	37962.0528
QK0007	Microtubule-binding domain-containing tubulin c	2420038.25	237688.6828	195485.062	152329.218	202098.3	194745.467	244704.842	152107.966	269999.604	232978.604	232978.604	232978.604	232978.604	232978.604	232978.604	232978.604	232978.604	232978.604
QK0065	Perilipin-3 OS-Musculus OX-10090 GN-G	154599.1651	144551.841	180959.489	16457.9004	116044.039	246632.6569	196233.557	39108.5327	26981.9217	25533.4516	146150.009	600433.8569	14639.3907	29374.4161	29374.4161	312103.7349	37962.0528	37962.0528
QK0122	Synapsin-3 OS-Musculus OX-10090 GN-SF	208474.1129																	
QK0126	Actin-associated gene 6 OS-Musculus OX-10	171505.5	180851.5616	104543.643	64244.18426	246208.2191	299333.041	169484.805	40097.0926	36230.8458	37191.3929	404421.2476	400343.456	192548.245	29378.75	56000.3166	346112.7276	473282.471	473282.471
QF7807	Fumarate hydratase, mitochondrial OS-Muscu	18577011.3	1584908.911	17641572.83	197375.16	197375.16	197375.16	197375.16	197375.16	197375.16	197375.16	197375.16	197375.16	197375.16	197375.16	197375.16	197375.16	197375.16	197375.16
P54071	Isocitrate dehydrogenase (NADP), mitochon	9306068.781	4382684.73	4246621.253	3876780.233	4563083.826	365197.846	607857.58	561039.341	520308.308	571931.319	4301755.958	4301755.958	4301755.958	4301755.958	4301755.958	4301755.958	4301755.958	4301755.958
QK8673	Isolate of Protein ND6G4 OS-Musculus OX	607874.721	5157495.993	4467476.634	4006056.454	4005974.687	399884.488	460933.058	4610394.137	550389.846	555589.846	542629.908	9000612.61	573216.657	54766.785	64729.578	612279.026	584249.577	540490.949
QK0507	UIM zinc-binding domain-containing tubulin c	2420038.25	237688.6828	195485.062	152329.218	202098.3	194745.467	244704.842	152107.966	269999.604	232978.604	232978.604	232978.604	232978.604	232978.604	232978.604	232978.604	232978.604	232978.604
QK9C33	Lon protease homolog, mitochondrial OS-Mus	271872.2923	209146.005	27917.5655	27405.4062	323478.138	373801.118	256648.843	289072.838	305650.8198	267295.1443	249562.205	172681.7458	147055.527	120622.4877	198955.7158	187195.6458	789041.215	83896.8858
QK0D19	Multifunctional protein AOE2 OS-Musculus	600342.6212	80997.1263	953449.012	847184.974	1419990.92	107147.7465	190486.829	191459.3992	39568.9189	889213.4569	1010154.794	930458.312	123248.229	102621.587	118155.5405	310931.326	310931.326	310931.326
P60761	Actin OS-Musculus OX-10090 GN-C	72004.8608	44764.1175	3584048.844	50621.2992	27925.1213	20937.4287	62884.1851	474200.8192	474200.8192	474200.8192	474200.8192	474200.8192	474200.8192	474200.8192	474200.8192	474200.8192	474200.8192	474200.8192
P21286	Thyrosine sulfotransferase OS-Musculus OX	329618.435	340251.481	348115.0628	396184.8339	347009.513	375465.908	375465.908	375465.908	375465.908	375465.908	375465.908	375465.908	375465.908	375465.908	375465.908	375465.908	375465.908	375465.908
QK0603	Nectin, alpha cardiac muscle 1 OS-Musculus	170584.54	1023756.131	1186293.195	1059933.015	1208394.317	1310873.83												

P10518	Delta-aminolevulinic acid dehydratase O5-Mus m	2369167.346	2836655.465	2527534.655	5998076.157	6519451.68	6207487.85	6296006.846	6857472.508	6278811.205	7242594.158	7486001.324	6487135.414	5871736.602	7021188.893	6508091.369	8256766.205	8654900.841	8824283.891
D327F3	Glutamate kidney isoform, mitochondrial O5-M	7230232.908	6887601.539	5224955.785	5102632.57	6666609.161	5862029.106	6748759.192	5260706.854	6494750.136	3696873.105	5128951.469	4299754.322	6459111.741	6072355.483	6635169.241	5185675.438	6016156.741	6929290.878
Q9WU73	Ribonucleotidyl transferase 5b kinase alpha 2 O5-Mu	266357.6557	242411.0018	40973.50094	120226.5464	291425.959	261608.3068	310236.1031	323104.8704	260922.6152	237400.558	301635.5184	448464.6766	387177.8949	41207.8618	389395.6555	519138.821	460728.0163	2487.42689
P98647	Stress 70 protein, mitochondrial O5-Mus muscu	11588107.174	12896266.62	14577018.88	11956008.44	11956008.44	11956008.44	11956008.44	11956008.44	11956008.44	11956008.44	11956008.44	11956008.44	11956008.44	11956008.44	11956008.44	11956008.44	11956008.44	11956008.44
P06761	Superoxide dismutase [Mn], mitochondrial O5-M	21745261.76	22565791.21	23495867.91	23344423.63	19874703.08	21716037.08	22717600.27	21958583.3	2087959.116	19880750.11	20293726.33	19113603.28	20678859.95	19866606.68	22040306.64	19447944.14	15922855.01	2024629.43
Q60597	Isoform 3 of 2-oxoglutarate dehydrogenase, mit	8262973.446	7561100.339	8978565.431	8093150.895	9756033.498	7574654.298	10478957.2	14038212.25	11170529.29	828757.094	9498693.58	880720.477	8853466.579	10769846.65	8677702.861	8644839.889	768847.111	6727639.454
P08449	Maltate dehydrogenase, mitochondrial O5-Mus m	130022209.8	12155278.6	12351293.11	1202202914.6	12000662.8	12744059.5	120707670.6	160209156.8	122442979.9	110110431.3	115354486	116013515.4	121143327.1	12181290.6	12594497.1	113664041	112008509.8	113688777.3
Q8LZ23	Methylglucosyl-CoA hydratase, mitochondrial I	1145361.973	853265.576	852889.3116	8748471.862	815041.7676	845206.8508	760672.2482	926681.2223	450102.3754	67401.3929	85286.7985	745948.5967	75816.0713	56455.2182	70750.942	108125.995	1089518.58	1168929.53
EQP0Q7	Pyruvate carboxylase O5-Mus musculus OX-100	6058178.9	5279138.305	4574305.98	4601565.039	4895137.97	4414446.383	4055565.648	5448831.014	465440.712	4619562.256	5063818.281	4122375.371	427235.037	5354207.783	5113466.944	5561888.787	524581.975	4789551.989
P20208	Thioredoxin-dependent peroxidase reductase, mi	3800771.848	3448484.562	3138613.222	3206832.194	3424653.241	3148094.471	2378613.755	296240.296	281754.547	2382309.517	1957765.166	2412588.686	317708.321	2597108.711	2992956.017	2554518.705	315721.269	2308204.54
Q9JK77	Tropomodulin 2 O5-Mus musculus OX-10090 G	6333473.047	5005685.864	4840536.835	6176925.201	4537405.857	5164633.883	6843653.866	6605206.267	5977931.509	6328567.84	5424297.17	5340422.255	5308945.279	5277348.552	5366485.924	6317641.85	5647595.339	4965159.038
PI6192	4-aminobutyrate aminotransferase, mitochondri	3548118.111	33383824.95	31918812.33	33188307.59	35709456.13	3644005.873	3644005.873	3644005.873	3644005.873	3644005.873	3644005.873	3644005.873	3644005.873	3644005.873	3644005.873	3644005.873	3644005.873	3644005.873
Q9C0M4	AcyI-coenzyme A thioesterase 13 O5-Mus muscu	1766562.205	2237357.375	2799993.925	2414978.745	1915516.044	2153455.93	209882.284	1948282.959	1964055.31	1097402.803	1365018.933	1503076.765	2043411.532	1826654.755	2148149.811	1608050.471	1598104.701	1904949.567
Q9S029	ATP synthase subunit delta, mitochondrial O5-M	163596.779	163596.779	163596.779	163596.779	163596.779	163596.779	163596.779	163596.779	163596.779	163596.779	163596.779	163596.779	163596.779	163596.779	163596.779	163596.779	163596.779	163596.779
Q9BMF3	NAAD-dependent malic enzyme, mitochondrial O	356512.981	3707678.388	5477114.736	575735.351	790517.705	7040538.173	7040538.173	7040538.173	7040538.173	7040538.173	7040538.173	7040538.173	7040538.173	7040538.173	7040538.173	7040538.173	7040538.173	7040538.173
Q9Z282	Aspartate-19NA ligase, cytoplasmic O5-Mus mu	3422485.55	3099955.157	3149272.829	2142052.825	2206694.559	1968827.368	3011355.995	1928405.868	2500422.959	2966339.857	2990367.387	3613147.668	2062511.039	3339176.297	3227465.465	3432346.91	317990.771	262857.432
Q9C0N1	Heat shock protein 70 kDa, mitochondrial O5-Mu	74572.5865	90798.10661	150211.2918	75127.68833	102955.6882	80691.84651	10241.8819	30388.87266	107355.9606	54305.49699	103536.3266	107864.1988	25683.5063	109765.575	20939.24689	63067.3142	128146.6858	
Q9Z290	Succinate-CoA ligase [ADP-forming] subunit bet	369975.255	7549195.811	8611250.029	7236667.209	8738171.059	7740245.579	668335.815	7042432.636	8083789.763	645627.715	7285366.907	6470243.953	8378281.87	9335414.207	923072.652	747888.141	8047298.502	
Q93932	Dual specificity mitogen-activated protein kinase	41841.50765	74757.50884	27104.25363	70679.03149	89294.44058	66250.47562	88375.05682	86272.8112	37245.432	38915.3198	90187.53264	45413.69165	58257.52729	70093.41503	42382.53008	62420.34628	42382.53008	
Q9D051	Pyruvate dehydrogenase E1 component subunit	8296354.874	10033079.71	9049426.983	10156381.55	11097159.63	11069213.26	9347875.098	9447486.676	884413.095	844442.577	9066170.163	8448838.904	9690964.795	1045731.929	10651146.84	9529938.266	9178886.458	8629946.302
Q9BWF0	Succinate-semialdehyde dehydrogenase, mitoch	6382089.647	6224271.137	5807212.396	5680483.234	10212725.66	5650896.966	6603735.12	718296.132	638238.676	593876.041	7022058.478	627681.817	5160795.436	5438795.173	694027.185	5879749.55	826297.712	
P47738	Aldehyde dehydrogenase, mitochondrial O5-Mu	6986520.573	6476289.762	5670886.634	5167734.796	6437185.111	5665602.137	5406488.384	5508813.846	5499515.915	520897.33	5210090.105	5087679.603	4943459.374	495185.664	504798.175	488786.507	5449240.426	533144.787
Q9RS11	Complement component 1 Q subcomponent-bin	254701.282	2704869.625	2316262.091	2247021.418	2421091.425	2189360.011	2385392.469	3288838.977	3297717.653	3289909.543	1848885.854	2511216.171	2531575.359	2289488.665	2988789.055	2310495.28	1933940.05	1504970.996
Q7TM68	Globotriaosyl aminolipid sequence O5-Mus musc	94457.4623	1715096.147	1758697.503	1241677.419	1088257.33	1431888.164	850441.9667	914644.5982	118970.879	1030054.987	654199.885	1781579.944	838141.8061	831605.3474	1835743.698	95592.7877	42426.564	77281.6899
P0404	Isostrate dehydrogenase [NAD] subunit gamma	229193.927	3003954.011	3040133.611	2194970.511	2842488.917	2803711.9	2324488.919	2324488.919	2324488.919	2324488.919	2324488.919	2324488.919	2324488.919	2324488.919	2324488.919	2324488.919	2324488.919	2324488.919
Q9ZVY8	Thyrosine beta-D-O5-Mus musculus OX-10090 G	2095983.35	425348.3823	222561.116	252886.2193	96122.38706	1794315.49	942804.8669	1586611.711	1586611.711	1586611.711	1586611.711	1586611.711	1586611.711	1586611.711	1586611.711	1586611.711	1586611.711	1586611.711
Q9B844	Coronin-28 O5-Mus musculus OX-10090 G	363634.846	18305.2635	163975.8026	25283.20258	20780.37122	207001.9849	544625.235	21615.9527	987144.091	290154.686	231213.915	22691.7235	240084.5112	186324.261	307218.974	227161.7486	48888.2608	22009.4204
B8K173	Ophiophthalmus O5-Mus musculus OX-10090 G	184640.031	2789024.557	1954181.873	2300204.714	2152484.781	2264399.08	20417.9502	2264900.219	267557.024	2377089.814	2365770.023	194377.734	2378067.667	2227213.654	3239629.028	253991.482	2705804.902	288667.065
Q9CK21	AcyI carrier protein, mitochondrial O5-Mus musc	263043.936	827957.9831	1306089.918	909089.2402	863906.6106	840761.0665	708655.0884	1010731.019	987181.702	1000254.694	647809.7081	1048314.792	81392.3538	107166.3017	1071239.432	77846.346	425218.5883	
Q9CQV0	Isoform 2 of Protein ND6G2 O5-Mus musculus O	447354.1529	2094809.625	2316262.091	2247021.418	2421091.425	2189360.011	2385392.469	3288838.977	3297717.653	3289909.543	1848885.854	2511216.171	2531575.359	2289488.665	2988789.055	2310495.28	1933940.05	1504970.996
Q9B749	Dihydrolypoyl dehydrogenase, mitochondrial O5	15241097.63	10954800.62	13861401.53	12606374.16	12688832.77	13162063.653	18074800.44	18074800.44	11553237.56	1524758.111	12132438.61	11654960	15172526.08	14856822.83	14408772.8	12991573.249	1885971.89	
Q9S1A7	Isostrate dehydrogenase [NAD] subunit gamma	6505912.462	6798643.027	6435179.662	6978084.587	7443110.76	7385094.983	6947909.719	7798301.348	7398391.887	5677310.529	6707070.291	7201101.082	6721134.453	6430661.517	7632272.154	7632272.154	7632272.154	7632272.154
D3DZ02	Peroxisome 6-O5-Mus musculus OX-10090 G	784209.7861	1017080.979	405283.439	3799231.631	1834942.3	1840862.664	894018.8151	819988.3633	843381.4427	1046622.141	1194679.64	1637283.615	8686902.1478	1991484.053	130471.112	802808.0502	845656.384	1248356.788
Q9B815	95S ribosomal protein L12, mitochondrial O5-Mu	34687.21991	23412.15727	44516.94585	484602.56899	51754.51824	60800.29753	60736.32463	65989.42256	176029.74908	14718.60918	21164.27411	31561.96541	44818.53711	40421.30598	35910.30643	42781.78989	25930.22388	10300.22388
P03028	60 kDa heat shock protein, mitochondrial O5-Mu	21528922.22	21212922.31	2038537.646	18190513.86	2019252.45	1797622.528	22002299.46	22744723.1	23947588.17	23102529.02	22026697.09	20228096.39	20957043.53	21027397.43	22147982.64	15044475.53	31133629.38	20192281.01
P00065	Thyrosine beta-D-O5-Mus musculus OX-10090 G	6748155.777	8564684.472	2359484.424	2173324.346	6691795.952	2566679.947	4456154.247	32924847.52	19343693.13	4504869.271	724231.1361	41314264.913	6395500.93	4923205.25	4923256.76	10792487.84	1069590.574	11394866.91
Q9B844	Dihydrolypoyllysine-residue acetyltransferase c	2489271.422	3226504.947	2804847.521	4053815.885	4081898.056	7203351.55	3471317.519	4718140.644										



QBP199	Exocyst complex component 1 OS=Mus musculus OX=10090 GN=Exoc1 PE=1 SV=1	5	2	61	2	2.18	0.804	-0.32	0.840995914	23.23	80.7	119.3	32.6	40.48
P08752	Guanine nucleotide-binding protein (G <sub>i</sub> ) subunit alpha-2 OS=Mus musculus OX=10090 GN=GN1 PE=1 SV=1	10	3	35	1	61.17	0.8	-0.32	0.816417274	18.8	85.7	114.3	8.88	16.28
Q5C021	Heat shock factor-binding protein 1 OS=Mus musculus OX=10090 GN=Hsbp1 PE=1 SV=1	72	4	65	4	69.19	0.801	-0.32	0.817997012	45.8	86.1	113.9	28.26	38.98
Q5D086	Protein PBD1 OS=Mus musculus OX=10090 GN=Pbd1 PE=1 SV=1	27	3	6	3	11.84	0.8	-0.32	0.816417274	24.51	89.8	110.2	17.64	5.76
P13439	Uridine 5'-monophosphate synthase OS=Mus musculus OX=10090 GN=Umps PE=1 SV=1	12	3	48	3	24.51	0.802	-0.32	0.82692125	18.31	86.7	113.3	17.05	11.28
Q00897	Alpha-1-antitrypsin 1-4 OS=Mus musculus OX=10090 GN=Serpina1 PE=1 SV=1	45	14	786	2	1558.72	0.807	-0.31	0.858683632	32.87	87.2	112.7	41.31	47.22
Q55042	Alpha-synuclein OS=Mus musculus OX=10090 GN=Sncpa PE=1 SV=2	56	9	453	5	825.28	0.808	-0.31	0.864938038	25.88	87.2	107.8	10.44	10.28
P14824	Annexin A6 OS=Mus musculus OX=10090 GN=Anxa6 PE=1 SV=3	65	48	1769	47	2971.05	0.808	-0.31	0.865741567	25.19	90.6	109.4	5.68	11
Q68F16	ARF GTP1 OS=Mus musculus OX=10090 GN=Arf1 PE=1 SV=1	6	3	20	3	26.21	0.809	-0.31	0.870657749	17.95	87.1	112.9	16.67	22.4
P28651	Carbonic anhydrase-related protein OS=Mus musculus OX=10090 GN=Cab PE=1 SV=5	22	4	163	6	740.86	0.808	-0.31	0.864938038	20	89.8	110.2	6.39	8.73
P84086	Complexin-2 OS=Mus musculus OX=10090 GN=Cplx2 PE=1 SV=1	24	4	182	2	58.85	0.808	-0.31	0.864938038	34.03	75.7	124.3	55.93	42.61
P19138	Dual specificity mitogen-activated protein kinase kinase 1 OS=Mus musculus OX=10090 GN=Map2k1 PE=1 SV=1	56	20	618	17	520.59	0.805	-0.31	0.850193628	24.51	87.2	112.6	15.36	10.73
Q51035	Histidine-HRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Hrs PE=1 SV=2	30	11	130	11	217.63	0.806	-0.31	0.853697102	18.85	86.8	113.2	16.94	8.72
Q5D967	Magnesium-dependent phosphatase 1 OS=Mus musculus OX=10090 GN=Mgp1 PE=1 SV=1	48	4	82	4	75.7	0.807	-0.31	0.859061716	16.74	82.4	117.6	38.06	27.56
Q80XU3	Nuclear ubiquitin casein and cyclin-dependent kinase substrate 1 OS=Mus musculus OX=10090 GN=Nucub1 PE=1 SV=1	12	2	38	2	24.65	0.809	-0.31	0.871795008	31.24	89.6	110.4	13.65	15.46
Q81X19	Oxyester-binding protein-related protein 1 OS=Mus musculus OX=10090 GN=Osbp1 PE=1 SV=1	19	9	150	9	217.39	0.805	-0.31	0.84671406	22.19	85.1	114.9	25.15	21.55
Q55091	Protein IMPACT OS=Mus musculus OX=10090 GN=Impact PE=1 SV=2	34	8	93	8	251.78	0.806	-0.31	0.85658949	23.62	85.4	114.6	19.69	28.04
Q80B88	Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase OS=Mus musculus OX=10090 GN=Hsd17c1 PE=1 SV=1	24	5	43	3	74.6	0.808	-0.31	0.864938038	25.26	89.1	110.9	18.04	17.67
P12382	ATP-dependent 6-phosphofructokinase, liver type OS=Mus musculus OX=10090 GN=Pfkfb1 PE=1 SV=1	37	20	620	16	792.97	0.813	-0.3	0.890638115	25.35	95.8	104.2	7.87	8.99
Q88456	Calpain small subunit 1 OS=Mus musculus OX=10090 GN=Capns1 PE=1 SV=1	16	10	470	10	723.62	0.813	-0.3	0.892157261	20.77	87.3	112.7	19.14	12.49
Q8B2A9	Fructose-2,6-bisphosphatase TIGAR OS=Mus musculus OX=10090 GN=Tigar PE=1 SV=1	67	3	31	3	40.52	0.813	-0.3	0.893495776	23.25	89.1	111	19.59	5.58
P16045	Galactin-1 OS=Mus musculus OX=10090 GN=Lgals1 PE=1 SV=1	27	4	150	4	79.36	0.811	-0.3	0.883546946	26.49	100.9	99.1	27.46	25.29
Q5D2M9	Glutaredoxin-3 OS=Mus musculus OX=10090 GN=Grx3 PE=1 SV=1	56	16	382	16	598.61	0.813	-0.3	0.888020193	36.17	89.8	110.2	8.86	12.59
P63335	Poly(C)-binding protein 1 OS=Mus musculus OX=10090 GN=Pbc1 PE=1 SV=1	39	10	307	7	475.49	0.81	-0.3	0.87541394	28.83	88.3	111.7	9.75	11.58
A2ADY9	Protein DD1, homolog 2 OS=Mus musculus OX=10090 GN=DD12 PE=1 SV=1	7	2	3	2	4.98	0.813	-0.3	0.888020193	23.33	92.7	107.3	2.13	15.67
Q8BHZ0	Protein FAM49A OS=Mus musculus OX=10090 GN=Fam49a PE=1 SV=1	18	4	180	2	423.31	0.811	-0.3	0.879435955	22.29	95.2	108.8	108.64	73.05
P35282	Ras-related protein Rab-21 OS=Mus musculus OX=10090 GN=Rab21 PE=1 SV=4	14	2	7	2	15.68	0.812	-0.3	0.886736668	25.26	95.6	104.4	29.17	48.89
Q55M33	Rho GTPase-activating protein 44 OS=Mus musculus OX=10090 GN=RhoGAP44 PE=1 SV=1	7	4	19	4	4.32	0.814	-0.3	0.893992011	28.5	98	111	33.62	22.25
Q68B44	Ribosomal protein S6 kinase alpha 1 (Fragment) OS=Mus musculus OX=10090 GN=Rgs1 PE=1 SV=1	19	9	75	6	86.93	0.815	-0.3	0.825656542	25.23	89.8	109.2	23.52	12.81
P63328	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform OS=Mus musculus OX=10090 GN=Sst2b PE=1 SV=1	44	21	1123	12	1327.09	0.812	-0.3	0.886736668	22.59	91	109	6.01	7.01
Q71X44	Talin-2 OS=Mus musculus OX=10090 GN=Tln2 PE=1 SV=1	15	18	207	15	301.9	0.812	-0.3	0.886736668	27.59	93.7	116.9	16.93	15.45
F8WHQ1	Tumor protein p53 OS=Mus musculus OX=10090 GN=Trp53 PE=1 SV=1	29	5	39	5	59.44	0.811	-0.3	0.879435955	32.86	74.3	125.7	23.42	13.07
Q5D2M9	Acetyl-coenzyme A synthetase, cytoplasmic OS=Mus musculus OX=10090 GN=Acsc2 PE=1 SV=1	9	2	26	2	56.17	0.82	-0.29	0.926471389	31.62	78.9	121.1	29.11	33.49
Q54774	AP-3 complex subunit delta-1 OS=Mus musculus OX=10090 GN=Ap3d1 PE=1 SV=1	23	19	186	19	316.81	0.817	-0.29	0.933697993	32	91	109	17.89	19.89
Q53864	COP9 signalosome complex subunit 5 OS=Mus musculus OX=10090 GN=Cops5 PE=1 SV=1	52	13	189	13	259.4	0.818	-0.29	0.913027253	22.54	82.2	117.8	18.9	16.51
Q88712	C-terminal-binding protein 1 OS=Mus musculus OX=10090 GN=Ctbp1 PE=1 SV=2	15	5	64	5	57.81	0.816	-0.29	0.904175178	20.96	82.2	117.1	56.18	34.4
Q9D194	Cysteine and histidine-rich domain-containing protein 1 OS=Mus musculus OX=10090 GN=Cyhd1 PE=1 SV=1	24	7	159	7	119.57	0.816	-0.29	0.904175178	33.55	88.3	111.7	17.92	20.2
Q5D2Y3	Dynactin subunit 3 OS=Mus musculus OX=10090 GN=Dct3 PE=1 SV=2	33	4	154	4	92.66	0.82	-0.29	0.925218098	16.8	92.7	107.3	12.56	7.05
Q81X46	Dynamitin-like protein OS=Mus musculus OX=10090 GN=Dnm1 PE=1 SV=1	57	38	1440	13	2172.11	0.821	-0.29	0.91937801	21.9	89.2	117.5	14.3	22.17
Q90172	Glutamate-cysteine ligase regulatory subunit OS=Mus musculus OX=10090 GN=Gclm PE=1 SV=1	34	6	89	6	114.14	0.816	-0.29	0.904175178	18.76	91.8	108.2	13.76	16.42
P47791	Glutathione reductase, mitochondrial OS=Mus musculus OX=10090 GN=Gsr PE=1 SV=1	30	10	285	10	415.86	0.819	-0.29	0.923348582	37.76	94.5	105.5	26	35.76
P00469	Liprin-alpha OS=Mus musculus OX=10090 GN=Pfl3a PE=1 SV=2	2	2	2	2	5.91	0.818	-0.29	0.913027253	21.33	94.3	105.7	19.41	15.11
Q22056	Synaptotagmin-1 OS=Mus musculus OX=10090 GN=Syn1 PE=1 SV=1	40	48	1242	48	2063.03	0.817	-0.29	0.906105243	23.01	90.1	109.9	8.19	6.11
P10711	Transcription elongation factor A protein 1 OS=Mus musculus OX=10090 GN=Tcea1 PE=1 SV=1	26	5	81	5	145.01	0.819	-0.29	0.91937801	19.99	72.5	127.5	31.4	35.16
Q99K8C	von Willebrand factor A domain-containing protein 5A OS=Mus musculus OX=10090 GN=Vwf PE=1 SV=1	24	13	123	13	169	0.816	-0.29	0.904175178	24.18	87.5	112.5	20.75	18.25
P54923	(Protein ADP-ribosylarginine) hydrolase OS=Mus musculus OX=10090 GN=Adprh PE=1 SV=1	26	6	48	6	107.69	0.825	-0.28	0.940179491	23.38	88.5	111.5	15.63	11.24
Q8VHQ9	Acyl-coenzyme A thioesterase 11 OS=Mus musculus OX=10090 GN=Acot11 PE=1 SV=1	23	6	35	6	80.75	0.822	-0.28	0.933859307	24.42	89.1	110.9	21.27	19.87
A2AFZ0	E3 ubiquitin-protein ligase HUWE1 OS=Mus musculus OX=10090 GN=Huwel1 PE=1 SV=1	6	12	75	12	55.07	0.823	-0.28	0.93412708	29.55	84.6	115.4	44.74	42.79
Q13T06	Isoform 2 of Protein rogn1 homolog OS=Mus musculus OX=10090 GN=Rogn1 PE=1 SV=1	10	2	26	2	43.51	0.826	-0.28	0.948526858	27.24	91.5	108.5	26.38	31.45
Q9W7U6	Mitogen-activated protein kinase 9 OS=Mus musculus OX=10090 GN=Mapk9 PE=1 SV=1	15	6	29	3	36.79	0.825	-0.28	0.945515097	30	93.5	106.5	14.54	30.63
P28665	Murineoglobulin-1 OS=Mus musculus OX=10090 GN=Mug1 PE=1 SV=3	20	19	156	19	162.27	0.823	-0.28	0.93412708	39.36	90.1	109.9	26.28	51.07
G3X8Y3	N-alpha-acetyltransferase 15, NATA auxiliary subunit OS=Mus musculus OX=10090 GN=Nat15 PE=1 SV=1	7	3	19	3	2.03	0.824	-0.28	0.93412708	27.54	74.1	125.9	106.22	74.16
Q9FP91	Neurobeachin OS=Mus musculus OX=10090 GN=Nbea PE=1 SV=1	3	5	62	4	133.39	0.821	-0.28	0.930234206	24.46	100.7	99.3	18.3	28.4
P51971	Nuclear transport factor 1 OS=Mus musculus OX=10090 GN=Nupf1 PE=1 SV=1	19	2	57	2	92.14	0.823	-0.28	0.93412708	20.22	89.2	110.8	17.85	7.8
Q8CGA0	Protein phosphatase 1F OS=Mus musculus OX=10090 GN=Ppm1f PE=1 SV=1	27	7	188	7	473	0.822	-0.28	0.93412708	25.96	93.4	106.6	15.29	16.69
Q8JL16	Selenocysteine lyase OS=Mus musculus OX=10090 GN=Scly PE=1 SV=1	20	6	18	6	25.17	0.823	-0.28	0.93412708	26.57	87.8	112.2	22.6	13.07
B7ZC46	Septin-8 OS=Mus musculus OX=10090 GN=Sept8 PE=1 SV=1	39	12	434	2	527.68	0.826	-0.28	0.949727046	35.82	99.6	100.4	30.35	47.1
Q5Z1W9	STE20/SFK3-related proline-alanine-rich protein kinase OS=Mus musculus OX=10090 GN=Ste20 PE=1 SV=1	18	5	51	5	65.43	0.822	-0.28	0.93412708	29.7	71	129	35.57	30.26
Q5Z1F9	SUMO-activating enzyme subunit 2 OS=Mus musculus OX=10090 GN=Uba2 PE=1 SV=1	38	13	169	13	216.45	0.825	-0.28	0.942308753	32.19	89.9	110.1	29.04	42.42
Q80YX1	Tenascin OS=Mus musculus OX=10090 GN=Tnc PE=1 SV=1	16	19	187	19	365.18	0.826	-0.28	0.948526858	25.18	93.3	106.7	20.52	23.59
EQK6C6	Tripartite motif-containing protein 2 OS=Mus musculus OX=10090 GN=Trpm2 PE=1 SV=1	31	17	226	16	330.46	0.826	-0.28	0.93412708	28.69	88.4	111.6	18.67	15.49
Q8VCT3	Aminopeptidase B OS=Mus musculus OX=10090 GN=Rnpep PE=1 SV=2	39	18	186	18	163.16	0.831	-0.27	0.961031591	26.39	89.9	110.1	13.82	22.55
P63248	CAMP-dependent protein kinase inhibitor alpha OS=Mus musculus OX=10090 GN=Pki PE=1 SV=1	39	2	22	2	74.19	0.828	-0.27	0.958027683	25.21	98.2	101.8	35.14	42.24
P63040	Complexin-5 OS=Mus musculus OX=10090 GN=Cplx5 PE=1 SV=1	39	5	429	3	486.75	0.831	-0.27	0.961031591	37.26	86.6	113.4	9.59	12.52
A2A432	Cullin-4B OS=Mus musculus OX=10090 GN=Cul4b PE=1 SV=1	17	11	84	5	32.17	0.831	-0.27	0.961031591	24.37	89.5	110.5	18.29	3.82
P11440	Cyclin-dependent kinase 1 OS=Mus musculus OX=10090 GN=Cdk1 PE=1 SV=3	6	2	13	1	9.2	0.831	-0.27	0.961838458	34.53	85.9	114.1	35.68	51.27
P19053	Dynamitin-1 OS=Mus musculus OX=10090 GN=Dnm1 PE=1 SV=1	71	72	3606	0	6382.14	0.827	-0.27	0.951758155	28.95	91.1	108.9	10.42	7.32
Q8VE33	Ganglioside-induced differentiation-associated protein 1-like 1 OS=Mus musculus OX=10090 GN=Gdiap1 PE=1 SV=1	18	4	19	4	8.63	0.827	-0.27	0.9516647	21.95	99.8	100.2	8.05	19.91
Q8R257	Heme-binding protein 1 OS=Mus musculus OX=10090 GN=Hbpl1 PE=1 SV=1	26	3	25	3	7.03	0.83	-0.27	0.959148096	25.05	94.4	105.6	34.41	29.13
Q8CD76	Kinesin light chain 1 OS=Mus musculus OX=10090 GN=Klc1 PE=1 SV=1	35	15	259	10	561.74	0.829	-0.27	0.958751075	21.72	84.2	115.8	17.21	10.27
Q9C230	Obg-like ATPase 1 OS=Mus musculus OX=10090 GN=Ola1 PE=1 SV=1	49	16	323	16	582.11	0.832	-0.27	0.962810567	27.67	90.2	109.6	7.37	9.18
Q9R0Q7	Prostaglandin H synthase 3 OS=Mus musculus OX=10090 GN=Ptgcs3 PE=1 SV=1	18	3	75	3	74.29	0.83	-0.27	0.960					



Q55U9	Isomorph 2 of Acetyl-CoA carboxylase 1 OS-Mus musculus OX-10090 GN-Acaca	1	2	8	2	6.67	0.833	-0.26	0.969618589	31.87	96	104	58.71	61.55
Q8BFU3	Isomorph 4 of RING finger protein 214 OS-Mus musculus OX-10090 GN-Rnf214	4	2	23	2	0	0.836	-0.26	0.976602484	24.29	92.5	107.5	20.17	30.16
P25955	NEDD8 OS-Mus musculus OX-10090 GN-Nedd8 PE-1 SV-2	64	7	152	7	246.68	0.837	-0.26	0.979720202	55.35	93.5	106.5	26.82	51.18
Q0C100	Nucleolin OS-Mus musculus OX-10090 GN-Ncl PE-1 SV-1	28	4	112	4	191.78	0.837	-0.26	0.979720202	18.57	87.2	112.8	9.91	10.86
Q61206	Platelet-activating factor acetylhydrolase IB subunit beta OS-Mus musculus OX-10090 GN-Paf1b	48	9	724	9	1016.49	0.832	-0.26	0.966262201	32.57	92.6	107.4	3.01	12.41
Q9QXV7	Protein piccolo OS-Mus musculus OX-10090 GN-Pic1 PE-1 SV-4	2	4	14	4	14.79	0.836	-0.26	0.978246883	22.83	92.7	108.8	44.87	29.29
PE2823	Ras-related protein Rab-3C OS-Mus musculus OX-10090 GN-Rab3c PE-1 SV-1	35	6	312	1	395.54	0.837	-0.26	0.979720202	19.52	92.6	117.4	21.59	9.65
Q60996	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform C	17	5	112	1	28.13	0.834	-0.26	0.969618589	25.19	85.7	114.3	16.4	17.19
OS4988	STE-20 like serine/threonine kinase OS-Mus musculus OX-10090 GN-Ste20 PE-1	4	3	17	3	18.1	0.837	-0.26	0.979720202	25.79	75	102.5	52.52	27.65
Q9CR86	Tubulin polymerization-promoting protein family member 3 OS-Mus musculus OX-10090 GN-Tpp3	43	9	278	9	320.92	0.837	-0.26	0.979588027	35.06	93	107	5.29	12.35
Q78W9	Ubiquitin domain-containing protein UBFD1 OS-Mus musculus OX-10090 GN-UBfd1	21	4	30	4	36.17	0.835	-0.26	0.972613335	25.39	71.5	128.5	74.12	58.32
Q7Q03	Ubiquitin thioesterase OTU1 OS-Mus musculus OX-10090 GN-Otu1 PE-1 SV-2	60	13	867	13	1739.9	0.837	-0.26	0.980312221	23.91	90.1	109.9	19.36	12.23
Q9CDV8	14-3-3 protein beta OS-Mus musculus OX-10090 GN-Ywhab PE-1 SV-3	72	20	3290	20	4080.94	0.841	-0.25	0.981927841	38.11	90.4	109.6	8.53	17.76
PE8510	14-3-3 protein eta OS-Mus musculus OX-10090 GN-Ywhaf PE-1 SV-2	69	23	3675	23	3245.95	0.842	-0.25	0.981927841	39.85	89.1	110.9	9.72	9.95
Q8R254	14-3-3 protein theta (Fragment) OS-Mus musculus OX-10090 GN-Ywhag PE-1 SV-1	49	19	2123	12	2781.89	0.842	-0.25	0.981927841	34.91	91	109	7.94	5.9
Q9914	26S proteasome non-ATPase regulatory subunit 6 OS-Mus musculus OX-10090 GN-P	30	8	164	8	138.07	0.839	-0.25	0.981927841	26.4	92.3	107.7	6.94	11.74
OS3841	Apoptosis inhibitor 5 OS-Mus musculus OX-10090 GN-Ap5 PE-1 SV-2	19	6	111	6	193.07	0.842	-0.25	0.981927841	32.21	88.9	111.1	9.46	23.86
Q62048	Astrocytic phospholipase PE-A OS-Mus musculus OX-10090 GN-PeA PE-1 SV-1	59	10	586	5	1010.88	0.839	-0.25	0.981927841	29.63	88.3	111.7	11.42	7.53
QD1065	Calcium/calmodulin-dependent 3' cyclic nucleotide phosphodiesterase 1B OS-Mus	28	10	65	10	42.84	0.842	-0.25	0.981927841	29.43	92	108	18.56	22.34
PE6781	Casein kinase II subunit beta OS-Mus musculus OX-10090 GN-Csk2b PE-1 SV-1	29	3	62	3	120.21	0.839	-0.25	0.981927841	37.97	91.2	108.8	22.09	54.13
P23198	Chromobox protein homolog 3 OS-Mus musculus OX-10090 GN-Cbx3 PE-1 SV-2	16	2	61	1	123.63	0.843	-0.25	0.982888396	23.48	94.2	105.8	34.06	42.63
OS8544	COP9 signaling complex subunit 4 OS-Mus musculus OX-10090 GN-Cops4 PE-1 S	49	15	302	15	412.97	0.842	-0.25	0.981927841	19.79	88.9	111.1	29.61	14.25
Q8K309	DCC-interacting protein 13-beta OS-Mus musculus OX-10090 GN-Dip2 PE-1 SV-1	7	2	57	2	90.7	0.841	-0.25	0.981927841	30.92	89.9	117.1	22.06	17.17
Q9Q7K3	Dual-specificity protein phosphatase 3 OS-Mus musculus OX-10090 GN-Dpp3 PE-1	27	4	76	4	107.11	0.841	-0.25	0.981927841	12.89	91.8	108.2	16.86	8.71
Q8YD62	Expressed sequence A1837181 OS-Mus musculus OX-10090 GN-A1837181 PE-1 SV-1	62	4	154	4	138.57	0.838	-0.25	0.981927841	26.39	100.4	99.6	38.08	37.82
Q9QUH0	Glutaredoxin-1 OS-Mus musculus OX-10090 GN-Grx PE-1 SV-3	20	3	115	3	245.68	0.839	-0.25	0.981927841	23.35	101.5	98.5	17.14	41.57
Q9DC21	GMP reductase 1 OS-Mus musculus OX-10090 GN-Gmpr PE-1 SV-1	67	7	101	7	92.39	0.838	-0.25	0.981927841	36.9	86	114	36.31	63.05
Q97091	Heat shock protein HSP 90-alpha OS-Mus musculus OX-10090 GN-Hsp90aa1 PE-1 SV	39	59	6481	38	10906.63	0.843	-0.25	0.982888396	27.32	91.9	108.1	4.97	6.99
Q97092	Isomorph 1 of heat shock protein HSP 90-alpha OS-Mus musculus OX-10090 GN-Hsp90aa1 PE-1 SV	5	2	15	2	15.1	0.839	-0.25	0.981927841	22.77	90.6	108.1	22.77	6.91
Q8R001	Microtubule-associated protein RP/EB family member 2 OS-Mus musculus OX-10090	44	14	406	12	455.53	0.84	-0.25	0.981927841	42.89	94.6	105.4	12.88	12.73
Q9D997	N-acetyl-D-glucosaminase kinase OS-Mus musculus OX-10090 GN-Nagk PE-1 SV-1	11	3	17	3	18.5	0.841	-0.25	0.981927841	25.36	91.1	108.9	14.56	20.45
Q69Z00	Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein OS-Mus	4	3	10	3	11.63	0.839	-0.25	0.981927841	26.14	85.8	114.2	16.22	48.4
P27612	Phospholipase A-2-activating protein OS-Mus musculus OX-10090 GN-PeAa PE-1 SV	12	6	58	6	62.39	0.839	-0.25	0.981927841	24.55	70.8	129.2	9.93	34.8
Q9VE70	Programmed cell death protein 10 OS-Mus musculus OX-10090 GN-Pcd10 PE-1 SV	10	2	4	2	3.5	0.842	-0.25	0.981927841	22.77	90.6	108.1	22.77	6.91
P12815	Programmed cell death protein 6 OS-Mus musculus OX-10090 GN-Pcd6 PE-1 SV-2	32	4	63	4	103.06	0.839	-0.25	0.981927841	28.8	92.3	107.7	34.75	39.51
PE3011	Ras-related protein Rab-3A OS-Mus musculus OX-10090 GN-Rab3a PE-1 SV-1	67	11	590	5	915.52	0.843	-0.25	0.982888396	21.03	88.2	110.8	15.86	8.36
P35279	Ras-related protein Rab-6A OS-Mus musculus OX-10090 GN-Rab6a PE-1 SV-4	27	5	221	2	283.28	0.84	-0.25	0.981927841	14.14	98.8	101.2	14.04	20.56
EP970	Rho GTPase-activating protein 5 OS-Mus musculus OX-10090 GN-Rap5 PE-1 SV-1	2	2	2	2	2.13	0.84	-0.25	0.981927841	14.71	90.9	117.1	13.81	15.72
Q9LW9	Serine/threonine-protein kinase mTOR OS-Mus musculus OX-10090 GN-Mtor PE-1 S	4	4	13	13	242	0.839	-0.25	0.981927841	62.49	114.2	85.8	38.21	56.9
Q9C94A	Serine/threonine-protein kinase PAK 2 OS-Mus musculus OX-10090 GN-Pak2 PE-1 S	38	13	294	5	334.32	0.838	-0.25	0.981927841	22.71	90.1	109.9	20.18	19.4
Q80T88	Synaptic vesicle membrane protein VAT-1 homolog-like OS-Mus musculus OX-10090	46	17	541	17	651.86	0.839	-0.25	0.981927841	31.68	90.1	109.9	13.64	6.55
Q8C145	Thimet oligopeptidase OS-Mus musculus OX-10090 GN-Thop1 PE-1 SV-1	28	14	165	14	205	0.839	-0.25	0.981927841	30.11	89.4	110.6	19.18	28.61
Q9JK81	Ubiquitin carboxyl-terminal hydrolase isozyme L3 OS-Mus musculus OX-10090 GN-Uh	40	8	181	8	182.77	0.842	-0.25	0.981927841	26.45	91.2	108.8	13.37	14.07
PE8807	Ubiquitin-conjugating enzyme E2 L3 OS-Mus musculus OX-10090 GN-Ube2l3 PE-1 S	56	9	311	9	837.89	0.842	-0.25	0.981927841	16.91	96.3	103.7	5.93	6.91
Q8C784	Ubiquitin-like modifier-activating enzyme 6 OS-Mus musculus OX-10090 GN-Uba6 PE	7	5	22	5	38.18	0.84	-0.25	0.981927841	20.57	85.6	114.4	41.28	29.53
Q9W17L	Ucy-protein thioesterase 2 OS-Mus musculus OX-10090 GN-Ucyl2 PE-1 SV-1	29	5	157	5	389.4	0.847	-0.24	0.988866302	36.93	93.8	106.2	8	21.5
PE1750	ADP-ribosylation factor 4 OS-Mus musculus OX-10090 GN-Arf4 PE-1 SV-2	44	6	193	2	433.77	0.847	-0.24	0.988866302	23.43	92.1	107.9	10.64	9.01
Q9WQ35	A kinase anchor protein 12 OS-Mus musculus OX-10090 GN-Akap12 PE-1 SV-1	13	11	55	11	57.71	0.846	-0.24	0.988866302	27.99	76.2	123.8	12.32	20.58
Q8R015	AMP deaminase OS-Mus musculus OX-10090 GN-Ampd1 PE-1 SV-1	7	3	24	3	25.83	0.849	-0.24	0.988866302	33.05	91	109	23.02	27.1
Q7T077	Amphiphysin OS-Mus musculus OX-10090 GN-Amp PE-1 SV-1	52	31	1312	29	1865.07	0.844	-0.24	0.983582625	27.61	87.8	112.2	11.59	4.42
Q07076	Annexin OS-Mus musculus OX-10090 GN-Anxa7 PE-1 SV-1	20	8	173	8	227.96	0.848	-0.24	0.988866302	22.1	93.6	106.1	12.13	9.56
P3585	AP-1 complex subunit mu-1 OS-Mus musculus OX-10090 GN-Ap1m1 PE-1 SV-1	45	13	134	13	164.17	0.848	-0.24	0.988866302	26.81	92.3	107.7	15.36	8.33
Q9J123	Beta synuclein OS-Mus musculus OX-10090 GN-Sncb PE-1 SV-1	50	7	502	3	1099.9	0.845	-0.24	0.988866302	23.86	87.7	117.1	11.96	12.2
Q8R016	Bleomycin hydrolase OS-Mus musculus OX-10090 GN-Bhm1 PE-1 SV-1	38	8	296	13	296	0.849	-0.24	0.988866302	32.92	98.8	103.6	19.26	6.91
Q63810	Calcineurin subunit B type 1 OS-Mus musculus OX-10090 GN-Ppp3r1 PE-1 SV-3	56	9	305	9	382.34	0.848	-0.24	0.988866302	32.94	81.4	118.6	27.76	19.74
Q9D816	Calcium-binding protein 39-like OS-Mus musculus OX-10090 GN-Cab39l PE-1 SV-3	20	5	129	2	48.18	0.849	-0.24	0.988866302	27.25	95.2	104.8	32.14	13.22
Q9D4H8	Cullin-2 OS-Mus musculus OX-10090 GN-Cul2 PE-1 SV-2	23	12	128	12	145.29	0.849	-0.24	0.988866302	33.08	82	118	17.66	19.42
Q80788	Dynactin subunit 1 OS-Mus musculus OX-10090 GN-Dctn1 PE-1 SV-3	44	8	812	37	1439.56	0.845	-0.24	0.988866302	23.68	92.4	106.6	12.32	6.96
Q9C9V6	E1H domain-containing protein 2 OS-Mus musculus OX-10090 GN-Ehd2 PE-1 SV-2	69	29	559	17	944.17	0.846	-0.24	0.988866302	25.56	89.9	113.2	22.34	13.28
Q7PTM6	Fibronectin type III and SPRY domain-containing protein 1 OS-Mus musculus OX-10090	24	8	69	8	101.11	0.845	-0.24	0.988866302	36.37	88.7	111.3	21.82	12.45
Q99196	Isomorph 2 of Homer protein homolog 3 OS-Mus musculus OX-10090 GN-Homer3	33	10	133	10	184.9	0.849	-0.24	0.988866302	21.83	90.7	107.3	14.36	12.42
P32921-2	Isomorph 2 of Tryptophan-tRNA ligase, cytoplasmic OS-Mus musculus OX-10090 GN-	46	16	216	16	367.41	0.847	-0.24	0.988866302	28.02	91	109	9.6	10.89
Q99L86	Methionine adenosyltransferase 2 subunit beta OS-Mus musculus OX-10090 GN-Ma	25	6	73	6	101.15	0.846	-0.24	0.988866302	24.94	91.6	108.4	7.49	10.07
Q8S539	Myc box-dependent interacting protein 1 OS-Mus musculus OX-10090 GN-Mbi1 PE-1	42	22	1059	20	1695.68	0.845	-0.24	0.988847374	22.5	92.3	107.7	13.69	12.2
Q4VA2	Protein CDV3 OS-Mus musculus OX-10090 GN-Cdv3 PE-1 SV-2	24	4	43	4	107.8	0.845	-0.24	0.987320368	38.95	106.4	93.6	46.95	40.53
P52480	Pyruvate kinase PKM OS-Mus musculus OX-10090 GN-Pkm PE-1 SV-4	73	50	7380	3	9447.62	0.845	-0.24	0.988866302					

QB2172	Small ubiquitin-related modifier 3	OS-Mus musculus	OX-10090	GN-Sumo3	PE=1 SV=2	28	3	104	1	242.52	0.855	-0.23	0.988866302	41.8	92.6	107.4	14.33	35.84
QB1926	Stromal membrane-associated protein 1	OS-Mus musculus	OX-10090	GN-Smap1	PE=1 SV=2	12	4	95	4	163.24	0.851	-0.23	0.988866302	19.53	83.4	116.6	22.02	28.84
P54787	Transport and Golgi organization 2 homolog	OS-Mus musculus	OX-10090	GN-Tango2	PE=1 SV=2	34	4	26	4	7.42	0.852	-0.23	0.988866302	36.16	94.4	108.6	33.53	23.39
P17751	Tropoelastase	OS-Mus musculus	OX-10090	GN-Tgfp1	PE=1 SV=1	52	18	1447	18	2835.58	0.85	-0.23	0.988866302	30.79	92.5	107.5	4.42	30.79
QB85H1	Ubiquitin carboxyl-terminal hydrolase 15	OS-Mus musculus	OX-10090	GN-Ubp15	PE=1 SV=2	7	5	13	5	11.21	0.851	-0.23	0.988866302	33.54	85.5	114.5	39.51	63.09
O08759	Ubiquitin-protein ligase E3A	OS-Mus musculus	OX-10090	GN-Ube3a	PE=1 SV=2	10	6	14	6	1.69	0.852	-0.23	0.988866302	49.95	72.6	127.4	109.19	75.19
P62259	14-3-3 protein epsilon	OS-Mus musculus	OX-10090	GN-Ywhae	PE=1 SV=1	88	28	4845	25	6717.4	0.86	-0.22	0.988866302	40.64	92.3	107.7	9.51	9.16
P59999	Actin-related protein 2/3 complex subunit 4	OS-Mus musculus	OX-10090	GN-Arcp4	PE=1 SV=1	54	9	499	9	453.29	0.86	-0.22	0.988866302	22.36	91.6	108.4	7.98	6.22
<b>Q70318</b>	Band 4.1-like protein 2	OS-Mus musculus	OX-10090	GN-Band4.1	PE=1 SV=1	26	19	237	16	1307.6	0.859	-0.22	0.988866302	33.08	76.9	123.1	26.59	9.22
EP9Z08	Ceruloplasmin	OS-Mus musculus	OX-10090	GN-Cp	PE=1 SV=1	8	6	29	6	28.92	0.857	-0.22	0.988866302	44.63	62.7	137.3	100.67	64.23
PE1202	COP9 signalosome complex subunit 2	OS-Mus musculus	OX-10090	GN-Cops2	PE=1 SV=1	5	0	231	19	387.26	0.861	-0.22	0.992501288	30.12	92.6	107.6	12.73	8.38
QB2140	Copine-6	OS-Mus musculus	OX-10090	GN-Cpne6	PE=1 SV=1	18	9	152	8	106.81	0.857	-0.22	0.988866302	23.27	88.6	111.4	25.87	13.03
QB9W76	Cullin-1	OS-Mus musculus	OX-10090	GN-Cul1	PE=1 SV=1	20	11	102	11	135.52	0.859	-0.22	0.988866302	30.43	99.9	100.1	13.25	10.72
QB2073	DCK1-like protein 1	OS-Mus musculus	OX-10090	GN-Dck1	PE=2 SV=1	17	4	9	4	4.22	0.859	-0.22	0.988866302	25	95.1	103.9	37.9	49.97
QB584	Ermin	OS-Mus musculus	OX-10090	GN-Ermn	PE=1 SV=1	36	9	138	9	281.33	0.859	-0.22	0.988866302	27.79	80.6	119.4	26.05	19.55
<b>P51880</b>	Fatty acid-binding protein, brain	OS-Mus musculus	OX-10090	GN-Fabp7	PE=1 SV=1	27	4	159	4	218.49	0.856	-0.22	0.988866302	17.79	99.1	100.9	15.95	20.18
QB9C41	Huntingtin-interacting protein K	OS-Mus musculus	OX-10090	GN-Hyppk	PE=1 SV=1	25	2	7	2	12.32	0.856	-0.22	0.988866302	26.52	99	101	60.11	70.83
<b>QB5849</b>	Importin subunit alpha-2	OS-Mus musculus	OX-10090	GN-Importa2	PE=1 SV=1	9	3	17	2	6.82	0.859	-0.22	0.988866302	29.75	90	109.9	27.18	24.35
QB5F18	Importin subunit beta	OS-Mus musculus	OX-10090	GN-Importb1	PE=1 SV=1	23	16	271	16	400.09	0.856	-0.22	0.988866302	24.64	90.8	109.2	16.63	9.52
<b>QB2C04</b>	Isomorph 2 of COP9 signalosome complex subunit 7a	OS-Mus musculus	OX-10090	GN-	PE=1 SV=1	59	11	381	11	777.84	0.858	-0.22	0.988866302	27.63	93.3	107.7	12.65	15.54
<b>QB0C78</b>	Isomorph 5 of Calcium/calmodulin-dependent protein kinase kinase 2	OS-Mus musculus	OX-10090	GN-	PE=1 SV=1	10	2	15	2	23.64	0.859	-0.22	0.988866302	35.11	93.6	106.4	34.51	31.61
P28738	Kinesin heavy chain isoform 5C	OS-Mus musculus	OX-10090	GN-Kif5c	PE=1 SV=3	39	34	470	24	701.55	0.861	-0.22	0.98957757	22.4	93.3	106.7	7.83	7.91
P70202	Latein	OS-Mus musculus	OX-10090	GN-Lain	PE=1 SV=2	42	6	371	6	416.33	0.857	-0.22	0.988866302	22.27	94.7	105.3	12.76	5.64
QB5S14	NCK-interacting protein with SH3 domain	OS-Mus musculus	OX-10090	GN-Nckip3	PE=1 SV=1	6	4	21	4	30.69	0.86	-0.22	0.988866302	25.39	90.2	100.7	19.06	11.74
<b>QB8WV2</b>	Organic solute carrier protein 1 isoform	OS-Mus musculus	OX-10090	GN-Oscp1	PE=1 SV=1	13	4	38	4	3.92	0.859	-0.22	0.988866302	38.64	41.4	158.8	80	57.55
PS3810	Phosphatidylinositol transfer protein alpha	OS-Mus musculus	OX-10090	GN-	PE=1 SV=1	56	15	370	14	570.9	0.86	-0.22	0.988866302	30.65	95.5	104.5	7.85	6.56
QB9JV2	Profilin-2	OS-Mus musculus	OX-10090	GN-Pfn2	PE=1 SV=3	46	7	466	7	1303.13	0.856	-0.22	0.988866302	23.34	92.9	107.1	9.53	3.72
QB9Z22	Proteasome subunit alpha type-2	OS-Mus musculus	OX-10090	GN-Psm2a2	PE=1 SV=3	48	10	261	10	455.64	0.859	-0.22	0.988866302	28.88	97.6	101.4	15.32	14.04
QB5139	Protein tyrosine phosphatase SH-PTPase	OS-Mus musculus	OX-10090	GN-SHP	PE=1 SV=1	29	8	149	8	137.95	0.86	-0.22	0.988866302	35.37	95.4	102.6	19.06	6.92
QB9D34	Protein RUFY3	OS-Mus musculus	OX-10090	GN-Rufy3	PE=1 SV=1	41	17	444	17	446.81	0.86	-0.22	0.988866302	26.67	89.6	110.4	16.6	9.14
EOCV0	Protein-L-isoaspartate O-methyltransferase	OS-Mus musculus	OX-10090	GN-Pcm1	PE=1 SV=1	57	12	411	12	725.95	0.861	-0.22	0.988866302	42.46	93.4	106.6	15.45	16.99
QB9JX0	Pyridoxine 5'-phosphate oxidase	OS-Mus musculus	OX-10090	GN-Ppox	PE=1 SV=1	54	11	419	11	366.07	0.856	-0.22	0.988866302	27.26	93.5	106.5	9.77	25.85
QBCT10	Ran-binding protein 2	OS-Mus musculus	OX-10090	GN-Ranbp2	PE=1 SV=1	6	3	11	3	0	0.857	-0.22	0.988866302	29.06	94.6	105.4	37.13	36.07
<b>Q70388</b>	Ribonuclease inhibitor 3	OS-Mus musculus	OX-10090	GN-Rhif3	PE=1 SV=1	25	9	141	9	137.47	0.857	-0.22	0.988866302	17.97	91.2	108.7	7.27	7.78
PE2141	Serine/threonine-protein phosphatase PP1-beta catalytic subunit	OS-Mus musculus	OX-10090	GN-	PE=1 SV=1	35	8	274	4	279.73	0.859	-0.22	0.988866302	25.1	90.4	109.6	14	34.17
<b>OS5060</b>	Thiopurine S-methyltransferase	OS-Mus musculus	OX-10090	GN-Tpmt	PE=1 SV=1	8	2	20	2	6.95	0.857	-0.22	0.988866302	24.83	99.7	108.7	58.97	18.19
QB9Z06	Toll-interacting protein	OS-Mus musculus	OX-10090	GN-Tollip	PE=1 SV=1	39	7	126	7	149	0.861	-0.22	0.992232366	20.19	90	110	14.58	8.89
PE1961	Ubiquitin-fold modifier 1	OS-Mus musculus	OX-10090	GN-Ufm1	PE=1 SV=1	59	4	65	4	149.81	0.858	-0.22	0.988866302	27.78	84.4	115.6	19.35	14.23
QB5P54	UDP-glucose 4-epimerase	OS-Mus musculus	OX-10090	GN-Ugp	PE=1 SV=1	6	4	17	4	4.21	0.859	-0.22	0.988866302	39.54	99.9	105.7	34.88	41.47
P97765	WW domain-binding protein 2	OS-Mus musculus	OX-10090	GN-Wbp2	PE=1 SV=1	47	8	125	8	91.27	0.858	-0.22	0.988866302	32.03	78.4	121.6	19.21	28.88
PE1982	14-3-3 protein gamma	OS-Mus musculus	OX-10090	GN-Ywhag	PE=1 SV=2	69	19	2762	11	3822.26	0.862	-0.21	0.993646438	42.98	96.9	103.1	5.25	17.99
PE3101	14-3-3 protein zeta/delta	OS-Mus musculus	OX-10090	GN-Ywhaz	PE=1 SV=1	83	26	3932	19	5919.95	0.866	-0.21	0.997619301	43.86	95.2	104.8	5.49	5.98
QB8CB7	AP-1 complex subunit gamma	OS-Mus musculus	OX-10090	GN-Ap1g1	PE=1 SV=1	19	10	54	10	85.93	0.863	-0.21	0.993693989	29.98	98.7	117	31.32	12.45
ES9Y16	ArfGAP with dual PH domains 1	OS-Mus musculus	OX-10090	GN-Arfg1	PE=1 SV=1	35	8	112	8	176.95	0.862	-0.21	0.993693989	26.39	89.6	109.4	15.19	8.92
QB1024	Asparagine synthetase [glutamine-hydrolyzing]	OS-Mus musculus	OX-10090	GN-Asn	PE=1 SV=1	10	4	65	4	85.02	0.866	-0.21	0.997619301	20.92	93.6	106.4	13.08	11.15
QB4447	Creatine kinase B-type	OS-Mus musculus	OX-10090	GN-Ckb	PE=1 SV=1	90	34	16697	32	23538.68	0.865	-0.21	0.997619301	35.08	99.3	107	7.11	8.4
QB9VX3	Deaminated glutathione amidase	OS-Mus musculus	OX-10090	GN-N1	PE=1 SV=2	28	5	47	5	4.2	0.864	-0.21	0.99489965	28.31	82.6	117.4	15.26	17.7
OB8553	Dihydrodipicolinate-related protein 2	OS-Mus musculus	OX-10090	GN-Dppy2	PE=1 SV=1	73	37	6436	32	11891.95	0.862	-0.21	0.993620446	23.03	95.5	104.5	5.77	4.49
QB9WV4	E1v domain-containing protein 1	OS-Mus musculus	OX-10090	GN-E1v1	PE=1 SV=1	61	25	374	15	559.93	0.866	-0.21	0.997619301	24.04	94.7	105.5	11.26	65.4
PO3995	Gial fibrillary acidic protein	OS-Mus musculus	OX-10090	GN-Gfap	PE=1 SV=1	16	6	56	6	44.62	0.863	-0.21	0.993693989	65.41	108.7	91.3	62.83	114.27
QB9R11	Guanine deaminase	OS-Mus musculus	OX-10090	GN-Gda	PE=1 SV=1	36	11	152	11	74	0.863	-0.21	0.993693989	23.85	83	117	40.16	15.61
QB3MA3	Hepatocyte growth factor-regulated tyrosine kinase substrate	OS-Mus musculus	OX-10090	GN-	PE=1 SV=1	15	9	79	9	76.58	0.86	-0.21	0.997619301	23.76	90.1	119.9	27.5	32.83
QB9VM9	Immunity-related GTPase family G protein Oligo	OS-Mus musculus	OX-10090	GN-Irgg	PE=1 SV=1	15	5	23	5	19.44	0.865	-0.21	0.997619301	26.49	92.5	107.5	6.27	16.92
QB9V64	Isochorismate mutase	OS-Mus musculus	OX-10090	GN-Icm1	PE=1 SV=1	34	8	107	6	123.89	0.86	-0.21	0.997619301	20.23	93	107	8.4	11.44
<b>P53087</b>	Isomorph 2 of Serine/threonine-protein phosphatase PP1-gamma catalytic subunit	OS-Mus musculus	OX-10090	GN-	PE=1 SV=1	49	9	236	4	201.04	0.862	-0.21	0.993620446	35.42	84.4	115.5	23.07	17.83
<b>P10637</b>	Isomorph Tau-A of Microtubule-associated protein tau	OS-Mus musculus	OX-10090	GN-	PE=1 SV=1	69	25	1086	1	2416.77	0.866	-0.21	0.997619301	16.71	98.9	111.1	10.55	16.26
QB7M93	Phosphatidylinositol-binding clathrin assembly protein	OS-Mus musculus	OX-10090	GN-	PE=1 SV=1	17	7	158	5	346.19	0.864	-0.21	0.993821121	42.67	74.6	125.4	35.49	38.18
QB9190	PH(C)-binding protein	OS-Mus musculus	OX-10090	GN-Pbcp1	PE=1 SV=1	38	8	221	5	403.53	0.865	-0.21	0.997619301	28.82	93.3	106.7	9.89	15.63
PS7722	Polyl(C)-binding protein																	

P62301	40S ribosomal protein S13 OS-Mus musculus OX-10090 GN-Rps13 PE-1 SV-2	32	4	34	4	24.11	1.447	0.2	0.666970822	47.66	115.3	84.7	67.05	94.86
Q3UH81	5'-nucleotidase domain-containing protein 3 OS-Mus musculus OX-10090 GN-N5dc1	16	5	10	5	12.46	1.147	0.2	0.66878761	36.23	136.7	63.3	66.03	25.39
QJ2282	Aspartate--RNA ligase, cytoplasmic OS-Mus musculus OX-10090 GN-Dars PE-1 SV-2	37	14	116	14	172.43	1.146	0.2	0.67338868	52.56	134.2	85.8	17.26	19.93
EQ2557	Desmoglein-1 OS-Mus musculus OX-10090 GN-Des1 PE-1 SV-1	9	21	34	21	40.1	1.146	0.2	0.67338868	40.4	93.9	105.1	138.09	44.59
Q8BU77	Enkuffin and cell motility protein 1 OS-Mus musculus OX-10090 GN-Elmo1 PE-1 SV-1	5	2	3	2	0	1.147	0.2	0.670799659	39.5	102.5	97.5	31.71	17.41
P23116	Eukaryotic translation initiation factor 3 subunit A OS-Mus musculus OX-10090 GN-E	11	10	47	10	17.24	1.145	0.2	0.67656532	39.04	108.4	91.6	28.5	39.9
DZ3567	Carboxylic ester hydrolase OS-Mus musculus OX-10090 GN-Ces1b PE-1 SV-1	21	9	216	3	284.49	1.154	0.21	0.638628666	71.65	110.1	89.9	39.59	74.76
Q6AD65	Centrosomal protein of 170 kDa OS-Mus musculus OX-10090 GN-Cep170 PE-1 SV-2	6	6	22	6	10.19	1.157	0.21	0.625986563	41.24	137	63	58.86	48.04
Q11950	Cold shock domain-containing protein 1 OS-Mus musculus OX-10090 GN-Csd1 PE-1 SV-1	3	2	38	2	0	1.155	0.21	0.631258697	45.6	108.9	91.1	32	35.43
Q9DCW4	Electron transfer flavoprotein subunit beta OS-Mus musculus OX-10090 GN-EtfB PE-	44	12	371	12	735.09	1.157	0.21	0.623061358	34.43	103.1	96.9	18.75	6.48
Q8BTM8	Filamin-A OS-Mus musculus OX-10090 GN-Flna PE-1 SV-5	9	12	52	11	13.04	1.156	0.21	0.629818618	35.09	111.2	88.8	14.91	39.07
Q9C0C1	Heat shock protein 75 kDa, mitochondrial OS-Mus musculus OX-10090 GN-Hsp75 PE-	13	5	166	4	290.46	1.16	0.21	0.614341197	49.9	124.5	75.5	45.24	63.01
P14602	Heat shock protein beta-1 OS-Mus musculus OX-10090 GN-HspB1 PE-1 SV-2	46	5	21	5	14.06	1.161	0.21	0.612482861	40.33	108.2	91.8	26.2	24.37
Q7TMA9	Heterogeneous nuclear ribonucleoprotein Q OS-Mus musculus OX-10090 GN-HnRNPQ	13	6	48	4	9.5	1.153	0.21	0.63955719	23.97	128.9	71.7	33.99	39.63
P09405	Nucleolin OS-Mus musculus OX-10090 GN-Ncl PE-1 SV-2	60	20	481	20	902.97	1.158	0.21	0.62179862	38.33	110.4	89.6	9.22	19.37
Q8BH04	Phosphoenolpyruvate carboxylase [GTP], mitochondrial OS-Mus musculus OX-100	3	3	7	3	5.31	1.158	0.21	0.62179862	30.94	110.8	87.2	12.99	34.07
Q6Z277	Synaptophysin OS-Mus musculus OX-10090 GN-Syp PE-1 SV-2	39	10	244	10	471.9	1.16	0.21	0.614341197	51.09	107.8	92.2	14.31	12.88
Q9F000	Syntaxin-1 OS-Mus musculus OX-10090 GN-Snx12 PE-1 SV-1	20	3	4	3	2.48	1.16	0.21	0.614787417	33.65	107.7	93.3	19.09	17.56
Q83M4	Vesicle-associated membrane protein 2 OS-Mus musculus OX-10090 GN-Vamp2 PE-	31	5	118	4	266.91	1.158	0.21	0.618313099	32.28	109.5	90.5	14.06	24.48
P63082	V-type proton ATPase 16 kDa proteolipid subunit OS-Mus musculus OX-10090 GN-A	55	3	103	3	306.61	1.155	0.21	0.632506732	51.9	101.3	92.9	28.56	22.7
Q9DB83	Charged multivesicular body protein 4b OS-Mus musculus OX-10090 GN-Chmp4b PE-	35	6	111	6	218.07	1.163	0.22	0.60666633	41.33	117.3	87.7	20.67	22.82
P62897	Cytochrome c, somatic OS-Mus musculus OX-10090 GN-Cytc PE-1 SV-2	17	15	1195	15	1755.75	1.168	0.22	0.586770712	48.25	111.8	88.2	11.93	8.29
P10854	Histone H2B type 1-M OS-Mus musculus OX-10090 GN-Hist2b2m PE-1 SV-2	32	4	102	4	113.03	1.162	0.22	0.620884517	34.82	106.7	93.3	24.38	31.83
Q8C0C3	Lon protease homolog, mitochondrial OS-Mus musculus OX-10090 GN-Lon1 PE-1 S	22	10	109	10	118.38	1.162	0.22	0.609151882	55.34	104.4	95.6	30.32	99.81
Q7Y512	Microtubule-associated protein 6 OS-Mus musculus OX-10090 GN-Map6 PE-1 SV-2	68	57	2335	57	4287.81	1.163	0.22	0.603088276	48.78	106.7	93.3	5.84	26.63
G3X8R0	Receptor expression-enhancing protein OS-Mus musculus OX-10090 GN-Reep5 PE-1	16	4	44	4	23.28	1.163	0.22	0.607337526	41.75	109.6	90.4	11.14	16.34
Q8BH80	Vesicle-associated membrane protein, associated protein B and C OS-Mus musculus C	39	7	52	6	86.05	1.163	0.22	0.610190578	44.58	102.2	98	44.15	35.55
Q9Z164	V-type proton ATPase subunit a OS-Mus musculus OX-10090 GN-Atpvb1 PE-1 SV-	28	17	295	17	414.8	1.165	0.22	0.59373155	38.53	109.3	90.7	14.11	14.71
P51863	V-type proton ATPase subunit b OS-Mus musculus OX-10090 GN-Atpvb2 PE-1 SV-	48	16	166	16	181.65	1.165	0.22	0.599049129	35.01	103.9	82.1	22.18	29.34
Q9DC11	1,5-anhydro-D-fructose reductase OS-Mus musculus OX-10090 GN-Afr12 PE-1 SV-	14	4	92	3	101.44	1.172	0.23	0.573048743	37.02	78.3	121.7	91.23	80.52
P6Z267	40S ribosomal protein S23 OS-Mus musculus OX-10090 GN-Rps23 PE-1 SV-2	22	4	68	4	112.84	1.172	0.23	0.578614539	62.2	119.5	80.5	25.01	32.17
Q8DX00	Filamin-B OS-Mus musculus OX-10090 GN-Flnb PE-1 SV-3	3	4	32	3	4.6	1.17	0.23	0.578614539	33.66	111.6	88.4	22.04	47.54
Q6G557	Histone H2A type 2-A OS-Mus musculus OX-10090 GN-Hist2ha1 PE-1 SV-3	44	3	84	1	199.31	1.176	0.23	0.555750524	52.94	106	94	24.08	35.42
A24G50	MAP7 domain-containing protein 2 OS-Mus musculus OX-10090 GN-Map72 PE-1 S	18	9	114	9	144.1	1.175	0.23	0.559660505	51.84	110.4	89.6	10.04	15.43
Q9VD05	Myosin-9 OS-Mus musculus OX-10090 GN-Myh9 PE-1 SV-4	6	6	34	3	10.51	1.176	0.23	0.555750524	53.9	138.2	61.8	26.62	52.71
Q9NF77	Ppm1b protein OS-Mus musculus OX-10090 GN-Ppm1b PE-1 SV-1	11	5	59	2	87.38	1.172	0.23	0.573048743	74.65	108.4	91.6	33.46	59.35
P70663	SPARC-like protein 1 OS-Mus musculus OX-10090 GN-Sparc1 PE-1 SV-3	10	5	72	5	138.23	1.17	0.23	0.578614539	24.01	108	92	7.53	15.81
P37804	Small nuclear ribonucleoprotein S3 OS-Mus musculus OX-10090 GN-Snp3 PE-1	28	5	46	5	23.96	1.175	0.23	0.559660505	36.18	118.5	81.5	11.11	25.36
Q35330	Calpain-1 catalytic subunit OS-Mus musculus OX-10090 GN-Capn1 PE-1 SV-1	7	2	6	2	6.75	1.181	0.24	0.539912764	50.92	104.4	95.6	16.94	15.43
P29353	Carboxylesterase 1C OS-Mus musculus OX-10090 GN-Ces1c PE-1 SV-4	45	17	421	11	522.37	1.181	0.24	0.535912764	46.36	102.1	97.9	21.65	24.42
Q9C0B4	Cytochrome b-c1 complex subunit 7 OS-Mus musculus OX-10090 GN-Ucbrp PE-1 SV	17	2	3	2	0	1.179	0.24	0.544555571	87.36	87.5	112.5	47.5	71.22
Q9C0C6	Density-regulated protein OS-Mus musculus OX-10090 GN-Denr PE-1 SV-1	22	3	10	3	15.6	1.177	0.24	0.548925848	110.57	108	92	69.2	100.32
Q9D060	Deoxyguanosine kinase, mitochondrial OS-Mus musculus OX-10090 GN-Dguok PE-1	26	4	18	4	7.25	1.181	0.24	0.535912764	80.12	122.4	77.6	34.28	72.43
Q50273	Histone-binding protein 88BP7 OS-Mus musculus OX-10090 GN-Hbp7 PE-1 SV-1	15	5	77	1	87.55	1.178	0.24	0.548925848	47.83	117.9	82.1	22.18	29.34
Q61545	RNA-binding protein EWS OS-Mus musculus OX-10090 GN-Ewrl1 PE-1 SV-1	10	5	122	5	293.87	1.179	0.24	0.545895277	36.39	102.6	97.4	10.46	34.8
Q6Z261	Spectrin beta chain, non-erythrocytic 1 OS-Mus musculus OX-10090 GN-Sptbn1 PE-1	55	103	2212	97	3868.5	1.185	0.24	0.528500686	45.86	99.2	100.8	11.86	18.34
Q9J155	Synaptic vesicle glycoprotein 2A OS-Mus musculus OX-10090 GN-Sv2a PE-1 SV-1	16	9	70	9	46.68	1.181	0.24	0.538582555	40.51	115.6	84.4	24.39	34.1
P14148	60S ribosomal protein L7 OS-Mus musculus OX-10090 GN-Rpl7 PE-1 SV-2	32	8	113	8	192.72	1.191	0.25	0.508682417	59.9	122.3	77.7	18.1	47.03
P12960	Contactin-1 OS-Mus musculus OX-10090 GN-Cntn1 PE-1 SV-1	45	23	654	33	1209.67	1.187	0.25	0.523934323	33.34	102.6	99.4	20.27	25.85
Q9WU14	Coronin-1 OS-Mus musculus OX-10090 GN-Coro1 PE-1 SV-2	26	13	350	13	566.77	1.191	0.25	0.505282018	38.12	106.6	93.4	7.99	20.25
Q8BG33	Ectonucleotide pyrophosphatase/phosphodiesterase family member 6 OS-Mus musc	42	13	203	13	279.66	1.182	0.25	0.523393423	42.19	108.5	91.5	31.83	45.53
Q9D657	Ribosome-recycling factor, mitochondrial OS-Mus musculus OX-10090 GN-Mrrf PE-1	25	3	14	3	0	1.19	0.25	0.509623508	30.59	149.1	50.9	20.92	82.93
P62320	Small nuclear ribonucleoprotein S3 OS-Mus musculus OX-10090 GN-Snp3 PE-1	15	2	65	2	14.81	1.186	0.25	0.525072176	43.39	111.2	88.8	31.2	31.85
Q9Z218	Succinate-CoA ligase [GDP-forming] subunit beta, mitochondrial OS-Mus musculus O	30	9	168	9	205.71	1.185	0.25	0.523934323	35.01	108.5	94.6	15.94	15.43
Q6Z318	Transcription intermediary factor 1-beta OS-Mus musculus OX-10090 GN-Trim28 PE-	24	12	96	12	130.97	1.189	0.25	0.515036425	38.53	111.1	88.9	17.69	35.26
Q9VEK3	Heterogeneous nuclear ribonucleoprotein U OS-Mus musculus OX-10090 GN-HnRnpU	19	15	274	15	287.5	1.201	0.26	0.470817358	39.56	110.9	89.1	22.68	3.94
Q9J123	Methylglutacyl-CoA hydratase, mitochondrial OS-Mus musculus OX-10090 GN-Aul	26	8	187	8	110.29	1.199	0.26	0.479153517	39.86	109	91	15.12	27.16
P07724	Serum albumin OS-Mus musculus OX-10090 GN-Ab PE-1 SV-3	46	28	4894	28	8746.25	1.195	0.26	0.491212899	59.26	109.4	90.6	13.85	26.6
Q8BY19	Tenascin-R OS-Mus musculus OX-10090 GN-Tnfr PE-1 SV-1	45	33	1253	34	1983.92	1.187	0.26	0.491212899	34.47	108.8	90.6	10.04	15.43
P42669	Transcriptional activator protein Pur-alpha OS-Mus musculus OX-10090 GN-Pura PE-	54	9	321	9	700.83	1.197	0.26	0.483010796	44.93	109.8	90.2	9.67	28.62
Q6Z442	Vesicle-associated membrane protein 1 OS-Mus musculus OX-10090 GN-Vamp1 PE-	29	5	97	4	255.46	1.194	0.26	0.49319138	35.46	115.7	84.3	13.61	17.25
P6Z754	40S ribosomal protein S6 OS-Mus musculus OX-10090 GN-Rps6 PE-1 SV-1	14	3	55	3	126.49	1.203	0.27	0.459941194	26.84	109.8	90.2	9.76	15.95
Q51247	Alpha-2-antiplasmin OS-Mus musculus OX-10090 GN-Serp12 PE-1 SV-1	7	2	13	2	18.09	1.207	0.27	0.453139014	26.26	103.5	96.5	12.57	19.08
Q6RH22	Calcium/calmodulin-dependent protein kinase type I subunit delta OS-Mus musculus	19	7	195	3	478.47	1.205	0.27	0.453139014	41.27	117.2	62.8	25.52	35.53
Q08677	Kinogenin-1 OS-Mus musculus OX-10090 GN-Kng1 PE-1 SV-1	10	7	54	7	51.89	1.206	0.27	0.453139014	57.59	119	81	28.05	38.86
Q9D5V6	Synapse-associated protein 1 OS-Mus musculus OX-10090 GN-Syap1 PE-1 SV-1	16	2	5	2	0	1.204	0.27	0.456532471	53.6	103.7	96.3	53.43	27.43
Q55100	Synaptogyrin-1 OS-Mus musculus OX-10090 GN-Syng1 PE-1 SV-2	15	3	86	3	197.64	1.207	0.27	0.453139014	29.55	103.6	96.4	21.21	16.95
Q53295	Transcriptional activator protein Pur-beta OS-Mus musculus OX-10090 GN-Purb PE-	37	6	113	6	275.08	1.207	0.27	0.453139014	38.74	110.5	89.5	15.79	22.89
Q5R12	Tropomyosin alpha-1 chain OS-Mus musculus OX-10090 GN-Tpm4 PE-1 SV-3	19	4	24	3	9.02	1.203	0.27	0.46307518	52.39	118.9	81.1	35.11	85.09
Q9WV55	Vesicle-associated membrane protein-associated protein A OS-Mus musculus OX-100	43	7	106	6	111.41	1.208	0.27	0.452690494	51.86	137.3	62.7	12.27	45.4
Q9QZES	Coatomer subunit gamma-1 OS-Mus musculus OX-10090 GN-Cogp1 PE-1 SV-1	8	4	27	3	25.99	1.211	0.28	0.434115427	38.25	138.2	61.8	17.34	60.1
P63037	Inocytic homolog subfamily A member 1 OS-Mus musculus OX-10090 GN-Injap1 PE-1	32	9	67	9	78.32	1.211	0.28	0.431997319	33.35	113.1	86.9	12.33	33.26
P54071	Succinate dehydrogenase [NADP], mitochondrial OS-Mus musculus OX-10090 GN-Hb	35	14	263	13	381.8	1.218	0.28	0.413898627	31.29	114.4	80.6	17.84	11.64
Q														

CHKE4	Histone H2a type 1-E OS-Mus musculus OX-10090 GN-HistH2ae PE-1 SV-1	47	4	87	2	196.26	1.24	0.31	0.347009757	31.9	110.2	89.8	16.55	7.15
G3X453	Oligodendrocyte-myelin glycoprotein OS-Mus musculus OX-10090 GN-Omg PE-1 SV	14	5	131	5	174.76	1.236	0.31	0.357028007	57.47	114.5	85.5	30.19	31.62
Q52059	Vesicular core protein OS-Mus musculus OX-10090 GN-Vcan PE-1 SV-2	3	8	181	8	327.48	1.237	0.31	0.353765837	29.45	115.4	84.6	10.86	15.72
Q52WNS	40S ribosomal protein S9 OS-Mus musculus OX-10090 GN-Rps10 PE-1 SV-3	22	5	58	5	16.62	1.245	0.32	0.334313495	44.81	115.9	84.1	15.72	25.71
Q3TC72	Fumarylacetoacetate hydrolase domain-containing 2A OS-Mus musculus OX-10090 G	38	8	135	8	189.08	1.252	0.32	0.313740719	28.54	112	88	23.44	8.16
P13020	Isomof 2 of Gelsolin OS-Mus musculus OX-10090 GN-Gsn	46	19	255	19	356.41	1.253	0.32	0.313740719	34.51	112.7	87.3	8.3	4.38
P51174	Long-chain specific acyl-CoA dehydrogenase, mitochondrial OS-Mus musculus OX-10090 GN-LC	36	18	446	18	845.93	1.245	0.32	0.334001609	43.32	105.6	94.4	21.44	13.88
Q91Y13	Thymocyte nuclear protein 1 OS-Mus musculus OX-10090 GN-Thy1 PE-1 SV-1	8	2	6	2	0	1.251	0.32	0.31751322	48.64	111.8	88.2	14.38	39.35
P63335	40S ribosomal protein S9 OS-Mus musculus OX-10090 GN-Rps10 PE-1 SV-3	22	5	58	5	16.62	1.245	0.32	0.313740719	44.81	115.9	84.1	15.72	25.71
Q62737	60S ribosomal protein L18a [Fragment] OS-Mus musculus OX-10090 GN-Rpl18a PE-1	8	2	19	2	4.15	1.261	0.33	0.293453776	45.67	118	82	23.35	43.89
P47911	60S ribosomal protein L6 OS-Mus musculus OX-10090 GN-Rpl6 PE-1 SV-3	14	5	88	5	6.21	1.259	0.33	0.297304654	58.32	125	75	17.63	58.21
P29758	Ornithine aminotransferase, mitochondrial OS-Mus musculus OX-10090 GN-Oat PE-	56	18	296	18	539.75	1.259	0.33	0.296287759	39.89	109.2	90.8	24.65	7.48
P93739	Ras GTPase-activating protein-binding protein 2 OS-Mus musculus OX-10090 GN-G3	21	5	103	5	166.96	1.259	0.33	0.296287759	50.32	117.7	68.3	20.95	41.26
A3KG19	Spectrin alpha chain, non-erythrocytic 1 OS-Mus musculus OX-10090 GN-Sp1a1 PE-	68	165	4800	165	9553.57	1.258	0.33	0.297749383	47.02	106.7	93.3	10.87	31.71
P60879	Synapsoosomal-associated protein 25 OS-Mus musculus OX-10090 GN-Snap25 PE-1 S	44	8	134	8	210.73	1.259	0.33	0.296287759	34	111	89	9.95	25.9
P53026	60S ribosomal protein L10a OS-Mus musculus OX-10090 GN-Rpl10a PE-1 SV-3	17	3	15	3	11.01	1.262	0.34	0.290295511	48.07	130.8	69.2	26.64	59.5
P61924	Coatomer subunit zeta-1 OS-Mus musculus OX-10090 GN-Copz1 PE-1 SV-1	35	3	94	3	70.41	1.269	0.34	0.272324677	41.68	113.3	88.7	17.27	37.18
Q10518	Delta-aminolevulinic acid dehydratase OS-Mus musculus OX-10090 GN-Had PE-1 SV	64	14	470	14	953.72	1.269	0.34	0.27263006	50.98	113.4	88.6	36.16	29.09
P04320	Myelin basic protein [Fragment] OS-Mus musculus OX-10090 GN-Mbp PE-1 SV-1	46	12	2367	12	2965.48	1.269	0.34	0.272324677	50.22	113.1	88.7	6.47	25.48
Q61937	Nucleophosmin OS-Mus musculus OX-10090 GN-Npm1 PE-1 SV-1	35	8	218	8	371.9	1.265	0.34	0.28244157	56.28	119.5	80.5	15.63	34.88
Q9QX70	Protein canopy homolog 2 OS-Mus musculus OX-10090 GN-Cnp2 PE-1 SV-1	15	2	12	2	10.68	1.269	0.34	0.272324677	23.21	117.8	81.3	17.78	19.41
P07309	Transferrin OS-Mus musculus OX-10090 GN-Trf PE-1 SV-1	67	7	287	7	508.32	1.265	0.34	0.282675317	34	111.1	88.9	12.58	18.64
Q6ZK27	60S ribosomal protein L17 OS-Mus musculus OX-10090 GN-Rpl17 PE-1 SV-1	14	2	26	2	37.69	1.277	0.35	0.271113957	54.3	122.9	77.1	24.49	61.39
Q35943	Fratasin, mitochondrial OS-Mus musculus OX-10090 GN-Frs1 PE-1 SV-1	24	2	26	2	5.9	1.272	0.35	0.289073424	50.05	124.2	25.8	14.73	99.83
P61979	Isomof 2 of Heterogeneous nuclear ribonucleoprotein K OS-Mus musculus OX-1009	47	19	798	19	1464.95	1.278	0.35	0.253488847	42.99	109.1	90.9	4.47	23.76
P08249	Malate dehydrogenase, mitochondrial OS-Mus musculus OX-10090 GN-Mdh2 PE-1 S	65	18	1441	18	3451.33	1.278	0.35	0.254466366	33.64	113.4	86.6	26.64	6.17
P62022	Myelin proteolipid protein OS-Mus musculus OX-10090 GN-Ppl1 PE-1 SV-2	12	3	126	3	211.46	1.277	0.35	0.255290636	45.04	108.7	91.3	26.71	22.33
P23489	Peptidyl prolyl cis-trans isomerase B OS-Mus musculus OX-10090 GN-PpiB PE-1 SV-	42	9	523	8	70.74	1.273	0.35	0.267394206	37.47	115.7	84.3	14.51	29.07
Q8R154	Valcyclyl hydrolase OS-Mus musculus OX-10090 GN-Vch1 PE-1 SV-1	45	10	122	10	225.17	1.273	0.35	0.288894507	31.12	105.6	85	21.6	14.46
P50544	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial OS-Mus musculus O	13	5	13	5	20.87	1.271	0.35	0.270612456	36.49	116.8	83.2	33.47	53.7
P62245	40S ribosomal protein S15a OS-Mus musculus OX-10090 GN-Rps15a PE-1 SV-2	40	4	33	4	50.75	1.28	0.36	0.248833355	61.26	118.5	81.5	32.52	46
P61922	4-aminobutyrate aminotransferase, mitochondrial OS-Mus musculus OX-10090 GN-F	63	29	1708	29	3666.35	1.285	0.36	0.242271668	38.64	115.8	84.2	15.66	11.07
Q6Z751	60S ribosomal protein L23a OS-Mus musculus OX-10090 GN-Rpl23a PE-1 SV-1	27	4	70	4	80.11	1.281	0.36	0.248833355	43.43	119	81	19.17	44.94
P14115	60S ribosomal protein L7a OS-Mus musculus OX-10090 GN-Rpl7a PE-1 SV-1	14	2	29	2	52.84	1.282	0.36	0.249204415	47.71	114.2	85.8	12.17	48.57
QD1012	E51 protein homolog, mitochondrial OS-Mus musculus OX-10090 GN-D10h81e PE-	39	9	245	9	514.22	1.283	0.36	0.244459509	47.82	111	89	25.54	11.41
P62317	Small nuclear ribonucleoprotein Sm D2 OS-Mus musculus OX-10090 GN-Snrdp2 PE-	24	2	14	2	18.72	1.284	0.36	0.243150735	55.89	118.4	81.6	28.38	17.85
Q92112	TAR DNA-binding protein 43 OS-Mus musculus OX-10090 GN-Tarbp PE-1 SV-1	21	4	42	4	71.39	1.284	0.36	0.243096607	30.57	117.3	82.7	13.28	21.72
Q6ZC51	3-hydroxybutyryl-CoA hydratase, mitochondrial OS-Mus musculus OX-10090 GN-H	31	9	182	9	236.95	1.289	0.37	0.233404511	37.81	106.1	93.9	23.96	10.77
P25444	40S ribosomal protein S12 OS-Mus musculus OX-10090 GN-Rps12 PE-1 SV-1	29	9	260	9	262.1	1.293	0.37	0.245520415	48.97	117.8	87.2	22.85	56.89
P16332	Methylmalonyl-CoA mutase, mitochondrial OS-Mus musculus OX-10090 GN-Mut PE-	19	7	30	7	43.84	1.292	0.37	0.272729197	37.94	128.3	71.7	45.35	48.69
P46097	Synaptotagmin II OS-Mus musculus OX-10090 GN-Sy2 PE-1 SV-1	42	19	387	13	487.07	1.292	0.37	0.272729197	37.94	128.3	71.7	45.35	48.69
Q7TM28	Glioblastoma amplified sequence OS-Mus musculus OX-10090 GN-Nipsnap2 PE-1 SV	37	8	222	7	272.56	1.3	0.38	0.210476752	34.55	129.2	70.8	30.13	20.54
Q6ZFD0	Methylmalonate semialdehyde dehydrogenase [acylating], mitochondrial OS-Mus m	46	17	195	17	243.93	1.303	0.38	0.20262458	40.79	115.5	86.5	13.81	11.95
Q6ZC8B	NAD kinase 2, mitochondrial OS-Mus musculus OX-10090 GN-Ndk2 PE-1 SV-2	6	2	14	2	2.5	1.298	0.38	0.213536998	25.1	116.8	83.2	52.57	58.89
Q6ZP69	Phosphatidylglycerol phosphate SAC1 OS-Mus musculus OX-10090 GN-Sacm1 PE	6	2	54	2	38.64	1.302	0.38	0.205751486	61.74	116	84	23.55	44.15
P63321	Ras-related protein Ral-A OS-Mus musculus OX-10090 GN-Rala PE-1 SV-1	27	4	15	4	16.43	1.304	0.38	0.21066645	34.19	115.5	84.5	17.78	31.53
Q6ZC94	Acyl-CoA synthetase family member 2, mitochondrial OS-Mus musculus OX-10090 G	39	11	183	11	469.93	1.315	0.39	0.180431406	41.09	124.5	75.5	21.03	19.43
Q6ZD18	Acyl-coenzyme A thioesterase 13 OS-Mus musculus OX-10090 GN-Aco13 PE-1 SV-1	29	4	70	4	3.74	1.314	0.39	0.181740144	52.48	118.2	81.8	35.53	30.05
P05718	Apolipoprotein A-IV OS-Mus musculus OX-10090 GN-ApoA4 PE-1 SV-1	39	13	140	13	307.76	1.316	0.39	0.195648056	42.69	123.2	75.8	23.99	19.56
P70333	Heterogeneous nuclear ribonucleoprotein H2 OS-Mus musculus OX-10090 GN-Hnm	25	7	102	2	196.45	1.314	0.39	0.182573847	33.61	133	67	25.65	32.28
P45952	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial OS-Mus musculus O	30	8	137	8	212.11	1.312	0.39	0.186862683	31.35	119.8	80.2	33.45	24.24
P63323	40S ribosomal protein S12 OS-Mus musculus OX-10090 GN-Rps12 PE-1 SV-1	12	2	28	2	0	1.317	0.4	0.177897978	40.11	130.3	69.7	25.43	43.5
P63326	40S ribosomal protein S12 OS-Mus musculus OX-10090 GN-Rps12 PE-1 SV-1	43	4	59	4	108.09	1.322	0.4	0.173869657	44.14	123.2	76.8	18.85	34.3
P35980	60S ribosomal protein L24 OS-Mus musculus OX-10090 GN-Rpl24 PE-1 SV-1	42	3	134	4	254.22	1.318	0.4	0.177897978	50.33	127.4	92.6	34.41	43.27
Q8BP67	60S ribosomal protein L24 OS-Mus musculus OX-10090 GN-Rpl24 PE-1 SV-2	19	3	76	3	113.35	1.315	0.4	0.179739835	41.16	126.9	73.1	17.09	65.84
Q6ZC26	Citrate synthase, mitochondrial OS-Mus musculus OX-10090 GN-Cs PE-1 SV-1	64	24	2005	17	3304.07	1.324	0.4	0.172059219	42.46	112.6	87.4	22.5	7.5
Q3U065	DAZ associated protein 1, isoform CRA_b OS-Mus musculus OX-10090 GN-Dazap1 PE	10	2	26	2	6.78	1.321	0.4	0.173991616	36.81	116.6	83.4	12.04	45.3
P14215	Enoyl-CoA delta isomerase 2, mitochondrial OS-Mus musculus OX-10090 GN-Eci1 PE-	40	10	288	10	463.05	1.319	0.4	0.177456374	26.34	112.8	87.2	18.56	8.83
P97807	Fumarate hydratase, mitochondrial OS-Mus musculus OX-10090 GN-Fhm1 PE-1 SV-3	58	26	1071	26	1872.23	1.316	0.4	0.177897978	37.99	114.2	83.6	26.41	38.08
Q99LPE	Grp1 protein homolog 1, mitochondrial OS-Mus musculus OX-10090 GN-Grp1 PE-	18	3	17	3	22.38	1.319	0.4	0.177456374	59.08	124.3	75.7	43.68	71.83
Q71R19	Kynurenine-oxoglutarate transaminase 3 OS-Mus musculus OX-10090 GN-Kyat3 PE-	11	3	5	3	4.18	1.319	0.4	0.177456374	30.76	117.3	82.7	28.08	49.64
Q8BMF3	NADP-dependent malic enzyme, mitochondrial OS-Mus musculus OX-10090 GN-Me-	47	17	216	17	460.39	1.322	0.4	0.173869657	41.31	126.1	87.2	26.7	16.42
P32848	Parvalbumin alpha OS-Mus musculus OX-10090 GN-Pvab PE-1 SV-1	74	13	628	13	789.18	1.322	0.4	0.173869657	65.03	116.1	83.9	17.12	38.98
Q5XG69	Soluble lamin-associated protein of 75 kDa OS-Mus musculus OX-10090 GN-Fam169	14	3	75	3	123.92	1.324	0.4	0.172035641	50.33	113.4	86.6	26.41	38.08
Q78P77	Staphylococcal nuclease domain-containing protein 1 OS-Mus musculus OX-10090 G	10	5	8	5	12.26	1.323	0.4	0.172457338	26.01	114.5	85.5	18.55	12.33
O89023	Tripeptidyl-peptidase 1 OS-Mus musculus OX-10090 GN-Tpp1 PE-1 SV-2	18	3	87	3	167.91	1.323	0.4	0.15735881	51.62	128.9	71.1	33.62	56.65
P62281	40S ribosomal protein S11 OS-Mus musculus OX-10090 GN-Rps11 PE-1 SV-3	16	3	7	3	1.74	1.332	0.41	0.158771804	34.77	115.4	84.6	13.76	29.63
P62852	40S ribosomal protein S25 OS-Mus musculus OX-10090 GN-Rps25 PE-1 SV-1	14	2	39	2	38.56	1.332	0.41	0.158607172	48.82	105.3	94.7	33.61	29.4
Q83231	Isomof 1 of Polypyrimidine tract-binding protein 2 OS-Mus musculus OX-10090 GN-	43	10	87	10	143.27	1.328	0.41	0.154866966	40.89	116.8	83.7	7.87	42.12
Q8BW70	Succinate semialdehyde dehydrogenase, mitochondrial OS-Mus musculus OX-10090	47	20	590	20	929.97	1.33	0.41	0.161018277	38.24	114.4	85.6	21.15	9.9
P62908	40S ribosomal protein S3 OS-Mus musculus OX-10090 GN-Rps3 PE-1 SV-1	56	12	250	12	359.44	1.337	0.42	0.15192641	44	128.7	71.3	11.92	44.55
P99027	6S acidic ribosomal protein P2 OS-Mus musculus OX-10090 GN-Rplp2 PE-1 SV-3	80	7	131	7	305.5	1.336	0.42	0.152399925	64.09	133.1	66.9	17.53	60.11
P97780	Alpha-actinin-4 OS-Mus musculus OX-10090 GN-Acta4 PE-1 SV-1	23	12	86	7	87.24	1.336							

QBD059	Histidine triad nucleotide-binding protein 2, mitochondrial OS=Mus musculus OX=100	34	4	38	4	89.27	1.372	0.46	0.105534446	25.38	111	89	37.44	21.43
QO0853	THO complex subunit 4 OS=Mus musculus OX=10090 GN=Alyref PE=1 SV=3	39	6	133	6	175.27	1.371	0.47	0.107551094	53.49	122	78	12.57	33.6
QBCLC4	APC membrane recruitment protein 2 OS=Mus musculus OX=10090 GN=Amef2 PE=1 SV=1	11	5	119	5	61.5	1.384	0.46	0.09362958	63.06	157.9	42.1	28.79	29.25
QB0W44	Hydrolase domain-containing protein 4 OS=Mus musculus OX=10090 GN=Hsp94	20	6	143	6	258.3	1.384	0.47	0.09362958	39.25	115.2	84.8	13.43	30.14
PA5878	Peptidyl-prolyl cis-trans isomerase FKBP2 OS=Mus musculus OX=10090 GN=FKBP2 PE=1 SV=1	47	4	78	4	94.12	1.389	0.47	0.088831279	30.21	115.4	84.6	10.52	28.17
Q6Z093	Serine/arginine-rich splicing factor 2 OS=Mus musculus OX=10090 GN=Srf2 PE=1 SV=1	9	2	10	2	7.78	1.385	0.47	0.093059829	49.7	131.3	68.7	23.48	70.5
QBK2C9	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 3 OS=Mus musculus OX=10090 GN=VLCAD	15	3	15	3	17.8	1.381	0.47	0.097331445	49.08	131.8	68.2	31.02	51.35
PE3038	60 kDa heat shock protein, mitochondrial OS=Mus musculus OX=10090 GN=Hsp60	72	41	1859	41	3981.72	1.396	0.48	0.081827498	48.72	118.9	81.1	28.41	11.39
P09103	Protein disulfide-isomerase A3 OS=Mus musculus OX=10090 GN=Pdis3 PE=1 SV=2	32	20	329	20	692.96	1.396	0.48	0.081827498	37.09	117.6	72.4	22.24	13.94
QD00K2	Succinyl-CoA:3-ketoadic coenzyme A transferase 1, mitochondrial OS=Mus musculus OX=10090 GN=3KAT	52	21	609	21	1109.96	1.39	0.48	0.087205524	45.67	116.8	83.2	36.3	12
PO5202	Aspartate aminotransferase, mitochondrial OS=Mus musculus OX=10090 GN=Got2 PE=1 SV=1	48	25	1913	25	3427.69	1.408	0.49	0.070303849	48.56	118.9	81.1	27.02	4.3
QK5C22	Endonuclease domain-containing protein 1 OS=Mus musculus OX=10090 GN=Endo1	16	5	18	5	12.58	1.405	0.49	0.072593328	39.33	116.8	83.2	40.47	26.58
P57759	Endonuclease reticulon resident protein 2 OS=Mus musculus OX=10090 GN=Erp29 PE=1 SV=1	27	6	95	6	127.16	1.406	0.49	0.072267933	34.98	132	68	22.26	41.59
P27773	Protein disulfide-isomerase A3 OS=Mus musculus OX=10090 GN=Pdis3 PE=1 SV=2	52	29	877	29	1401.82	1.4	0.49	0.07522205	36.55	109.6	94.4	7.32	9.18
QKJ003	Secretory carrier-associated membrane protein 5 OS=Mus musculus OX=10090 GN=Sc5	25	3	38	3	54.25	1.403	0.49	0.074105417	50.15	118.2	81.8	11.86	33.99
PO9671	Sucrose 6-phosphatase 1, mitochondrial OS=Mus musculus OX=10090 GN=Snod2 PE=1 SV=1	35	11	923	11	1405.31	1.401	0.49	0.075954587	39.45	115.4	84.6	23.74	3.81
Q64433	10 kDa heat shock protein, mitochondrial OS=Mus musculus OX=10090 GN=Hsp10	67	8	555	8	849.02	1.415	0.5	0.063927316	30.85	115.3	84.7	22.57	9.16
P14211	Calreticulin OS=Mus musculus OX=10090 GN=Cal PE=1 SV=1	56	19	861	19	1158.14	1.413	0.5	0.065940629	33.78	117.5	82.5	14.18	5.82
QD12A3	Propionyl-CoA carboxylase alpha chain, mitochondrial OS=Mus musculus OX=10090 GN=PCoA	32	12	40	12	20.85	1.413	0.5	0.065804566	38.81	119.1	80.9	33.81	23.27
Q92219	Succinate-CoA ligase [ADP-forming] subunit beta, mitochondrial OS=Mus musculus OX=10090 GN=SLC16A1	46	19	566	19	969.74	1.411	0.5	0.067599715	42.12	116.9	83.1	21.15	8.67
QBVD13	Vigilin OS=Mus musculus OX=10090 GN=Hdlb PE=1 SV=1	4	3	3	3	0	1.417	0.5	0.062201429	30.62	116	84	28.25	8.53
PE1255	40S ribosomal protein L26 OS=Mus musculus OX=10090 GN=Rpl26 PE=1 SV=1	23	4	44	4	12.56	1.423	0.51	0.058046717	86.66	109.6	90.4	37.67	35.65
Q60865	Caprin-1 OS=Mus musculus OX=10090 GN=Caprin1 PE=1 SV=2	18	7	59	7	111.99	1.422	0.51	0.058457178	53.63	156.2	43.8	21.67	61.33
P26443	Glutamate dehydrogenase 1, mitochondrial OS=Mus musculus OX=10090 GN=Glut1 F	53	31	1998	31	3872.37	1.422	0.51	0.060703978	42.49	119.1	80.9	14.7	4.15
Q5E8P8	Heterogeneous nuclear ribonucleoprotein A1 OS=Mus musculus OX=10090 GN=Hnrmg	30	9	110	8	185.18	1.425	0.51	0.056614067	57.62	123.6	76.4	26.88	34.81
QB1V47	Isocitrate dehydrogenase [NAD] subunit, mitochondrial OS=Mus musculus OX=10090 GN=IDH3	49	17	555	17	870.25	1.426	0.51	0.056445054	41.03	117.5	82.5	24.59	10.78
PE2075	Mitochondrial inner membrane translocase subunit Tim13 OS=Mus musculus OX=10090 GN=Tim13	37	3	35	3	58.92	1.428	0.51	0.056057079	35.5	116.8	83.2	11.19	31.71
QD2298	Protein disulfide-isomerase A6 OS=Mus musculus OX=10090 GN=Pdis6 PE=1 SV=3	29	9	103	9	209.8	1.426	0.51	0.056601309	31.3	114.7	83.3	37.07	27.24
P14211	Sodium/potassium-transporting ATPase subunit alpha OS=Mus musculus OX=10090 GN=ATP1A1	15	3	31	3	73.32	1.425	0.51	0.056694476	54.88	115.5	82.5	12.5	41.8
D32072	Peroxisomal membrane protein 2 OS=Mus musculus OX=10090 GN=Pmp2 PE=1 SV=1	75	24	1923	3	3310.9	1.433	0.52	0.051545562	69.26	129.7	70.3	32.42	38.94
QB0803	Protein disulfide-isomerase A4 OS=Mus musculus OX=10090 GN=Pdis4 PE=1 SV=1	18	10	40	10	32.87	1.431	0.52	0.052958162	41.98	117.6	82.4	24.24	38.89
QJUN28	Quinone oxidoreductase-like protein 2 OS=Mus musculus OX=10090 GN=Cry2 PE=1 SV=1	35	6	55	6	91.81	1.448	0.53	0.042605162	45.16	133.2	66.8	28.39	33.74
QBVDN2	Sodium/potassium-transporting ATPase subunit alpha-1 OS=Mus musculus OX=10090 GN=ATP1A1	30	27	681	13	1184.68	1.443	0.53	0.045234053	48.25	117.7	68.3	18.01	18.87
QB1V16	Splicing factor, proline- and glutamine-rich OS=Mus musculus OX=10090 GN=SF2 PE=1 SV=1	27	12	247	9	152.59	1.447	0.53	0.042605162	49.38	97.9	102.1	71.08	23.92
QB1K77	Tropomodulin-2 OS=Mus musculus OX=10090 GN=Tmod2 PE=1 SV=2	59	13	178	12	372.83	1.448	0.53	0.042605162	38.61	119.9	80.1	9.77	33.18
PO8113	Endoplasmin OS=Mus musculus OX=10090 GN=Hsp90B1 PE=1 SV=2	37	28	761	26	1323	1.457	0.54	0.038906335	41.43	118	82	23.54	49.32
P11881	Inositol 1,4,5-trisphosphate receptor type 1 OS=Mus musculus OX=10090 GN=Itpr1 PE=1 SV=1	4	6	12	6	8.87	1.452	0.54	0.040660822	36.24	129.6	70.4	21.7	16.68
QB9M88	Methylcrotonyl-CoA carboxylase subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=McCoA	7	3	11	3	11.72	1.45	0.54	0.041549126	53.63	115.3	86.7	21.67	42.3
QD1V14	Solute carrier family 12 member 5 OS=Mus musculus OX=10090 GN=SLC12A5 PE=1 SV=1	12	8	39	8	40.67	1.466	0.55	0.040745447	36.4	125	75	42.12	31.29
PE2702	40S ribosomal protein S4, X isoform OS=Mus musculus OX=10090 GN=Rps4a PE=1 SV=1	37	10	158	10	151.25	1.466	0.55	0.035697614	49.75	124.1	75.9	13.7	43.91
EQ98N8	Anion exchange protein 5 OS=Mus musculus OX=10090 GN=Slca4 PE=1 SV=1	6	3	19	3	4.08	1.465	0.55	0.035839359	44.63	132.7	67.3	68.86	66.37
Q6Z167	ATP-dependent RNA helicase DDX33 OS=Mus musculus OX=10090 GN=DDX33 PE=1 SV=1	6	3	30	2	35.6	1.466	0.55	0.035697614	39.61	137.2	62.8	7.54	76.11
QB0862	Isocitrate dehydrogenase [NAD] subunit, mitochondrial OS=Mus musculus OX=10090 GN=IDH3	32	12	861	12	1017.32	1.461	0.55	0.036681202	40.04	118.6	81.4	22.66	10.33
Q59K1	NAD-dependent malic enzyme, mitochondrial OS=Mus musculus OX=10090 GN=Me2	13	3	27	3	70.32	1.466	0.55	0.035697614	42.04	115.6	84.4	67.21	43.48
QBW1M5	Succinate-CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=SLC16A1	32	10	357	10	523.33	1.463	0.55	0.036512779	47.05	120.7	79.3	23.56	11.61
QBVT9	Tether containing UBX domain for GLUT4 OS=Mus musculus OX=10090 GN=Ubx1 PE=1 SV=1	13	3	5	3	2.88	1.462	0.55	0.036512779	42.19	119.7	80.3	22.2	15.57
PE0867	40S ribosomal protein S20 OS=Mus musculus OX=10090 GN=Rps20 PE=1 SV=1	21	2	26	2	22.26	1.472	0.56	0.032825266	35.96	121	79	15.97	32.85
D3Z2P9	Coiled-coil domain-containing protein 6 OS=Mus musculus OX=10090 GN=Cc66 PE=1 SV=1	6	2	7	2	2.76	1.47	0.56	0.033610529	75.87	114.6	85.4	84.79	31.24
P74044	Isocitrate dehydrogenase [NAD] subunit gamma 1, mitochondrial OS=Mus musculus OX=10090 GN=IDH3	31	9	247	9	345.53	1.479	0.56	0.0294859	45.06	117.4	82.6	31.94	15.14
OS5022	Membrane-associated progesterone receptor component 1 OS=Mus musculus OX=10090 GN=MAPR1	23	2	55	2	103.67	1.478	0.56	0.030084593	26.14	119.4	80.6	14.57	19.18
QBVC3	Selenoprotein M OS=Mus musculus OX=10090 GN=Selom PE=1 SV=3	50	4	44	4	54.26	1.479	0.56	0.029947815	56.29	138.4	61.6	35.43	27.95
P38647	Stress-70 protein OS=Mus musculus OX=10090 GN=Hsp70 PE=1 SV=3	47	27	905	26	1446.18	1.472	0.57	0.033007611	43.38	115.9	84.9	25.47	7.9
QB1990	Thioester domain-containing protein 5 OS=Mus musculus OX=10090 GN=Thdcs PE=1 SV=1	7	7	15	7	31.51	1.489	0.57	0.025999562	38.47	112.1	67.1	28.61	20.02
PE2242	40S ribosomal protein S8 OS=Mus musculus OX=10090 GN=Rps8 PE=1 SV=2	28	6	87	6	40.67	1.498	0.58	0.027319163	61.95	130	53	19.59	61.53
P35564	Calsexins OS=Mus musculus OX=10090 GN=Cx PE=1 SV=1	30	11	157	11	220.14	1.504	0.59	0.021242655	53.69	137.8	62.2	23.09	45.25
QB0271	Acetyl-CoA acetyltransferase, mitochondrial OS=Mus musculus OX=10090 GN=Acac1 F	61	21	825	21	1912.99	1.514	0.6	0.018539831	34.49	117.8	78.7	26.8	121.46
PE5654	Excitatory amino acid transporter 1 OS=Mus musculus OX=10090 GN=Slc1a3 PE=1 SV=1	12	3	6	3	9.63	1.513	0.6	0.018568395	40.3	155.3	42.9	48.29	42.23
QK5CV6	Interleukin enhancer-binding factor 2 OS=Mus musculus OX=10090 GN=Irf2 PE=1 SV=1	25	4	16	4	3.42	1.511	0.6	0.019062761	41.15	127.1	72.9	53.29	64.15
QB8N63	Isomof 2 of Glucosidase 2 subunit beta OS=Mus musculus OX=10090 GN=Gluc2B	13	3	37	3	70.32	1.513	0.6	0.018568395	54.3	159.2	60.8	67.21	43.48
QSSVJ0	Calcium/calmodulin-dependent protein kinase II, beta, isoform CRA, OS=Mus musculus OX=10090 GN=PKA	24	10	318	6	640.58	1.53	0.61	0.014813759	42.14	123.1	76.9	9.17	32.58
QB816	Isoeucine-tRNA ligase, mitochondrial OS=Mus musculus OX=10090 GN=Iars2 PE=1 SV=1	8	5	24	5	21.93	1.527	0.61	0.015326537	40.25	126	74	26.92	26.92
PE2855	40S ribosomal protein S26 OS=Mus musculus OX=10090 GN=Rps26 PE=1 SV=3	26	2	29	2	47.63	1.534	0.62	0.014197532	37.7	95.5	104.5	21	82.16
QB811	Complement component 1 C subcomponent-binding protein, mitochondrial OS=Mus musculus OX=10090 GN=C1	53	10	385	10	967.55	1.532	0.62	0.014471287	38.76	121.2	78.8	28.24	11.31
QB3W3	Isomof 2 of Long-chain-fatty acid-CoA ligase 6 OS=Mus musculus OX=10090 GN=Ac6	10	5	15	5	20.15	1.539	0.62	0.013403016	41.46	129.1	70.9	25.1	41.09
QBK120	Ubiquitin biosynthesis protein CDO9, mitochondrial OS=Mus musculus OX=10090 GN=UBD	30	4	72	4	80.35	1.539	0.62	0.013442289	38.45	130.3	69.7	26.61	18.25
P14131	40S ribosomal protein S16 OS=Mus musculus OX=10090 GN=Rps16 PE=1 SV=4	23	3	70	3	115.73	1.552	0.63	0.011237783	51.4	128.1	71.9	16.99	39.59
QJ3U74	DEAD (Asp-Glu-Ala-Asp) box polypeptide 17, isoform CRA, OS=Mus musculus OX=10090 GN=DEAD	12	6	50	3	72.38	1.558	0.64	0.010418575	53.94	124.4	75.6	21.36	38.89
QK5YV4	Halocidal dehalogenase-like hydrolase domain-containing protein OS=Mus musculus OX=10090 GN=Hdlb	30	3	51	3	29.17	1.561	0.64	0.010846449	54.63	150.5	49.5	91.16	26.13
Q60749	RY domain-containing, RNA-binding, signal transduction-associated protein 1 OS=Mus musculus OX=10090 GN=RY	19	4	71	4	166.72	1.563	0.64	0.009912879	44.32	125.1	74.9	9.41	49.79
QK5CY8	Plasminogen activator inhibitor 1 RNA-binding protein OS=Mus musculus OX=10090 GN=PAI1	15	5	102	5	83.39	1.557	0.64	0.010507055	56.18	126.2	73.8	16.25	33.76
EQPQ07	Pyruvate carboxylase OS=Mus musculus OX=10090 GN=Pcx PE=1 SV=1	48	34	568	34	1568	1.562	0.64	0.009912879	40.87	126.3	76.7	26.6	11.03
Q60930	Voltage-dependent anion-selective channel protein 2 OS=Mus musculus OX=10090 GN=VDAC2	11	2	8	2	5.13	1.563	0.64	0.009912879	37.91	11			



P01831	Thy-1 membrane glycoprotein OS=Mus musculus OX=10090 GN=Thy1 PE=1 SV=1	23	3	38	3	80.8	1.707	0.77	0.001386556	42.38	128.6	71.4	63.87	61.47
P20108	Thioredoxin-dependent peroxidoreductase, mitochondrial OS=Mus musculus OX=10090 GN=Thy1 PE=1 SV=1	32	9	336	9	537.56	1.723	0.78	0.001080222	43.3	127.4	72.6	31.68	15.57
P56480	ATP synthase subunit beta, mitochondrial OS=Mus musculus OX=10090 GN=Atp5f1b PE=1 SV=1	79	30	1385	30	3164.4	1.727	0.79	0.001021489	42.2	128.1	71.9	29.64	12.49
Q02819	Nucleolinin-1 OS=Mus musculus OX=10090 GN=Nuc1 PE=1 SV=2	16	5	15	5	8.2	1.731	0.79	0.00098409	34.38	126.7	73.3	14.83	16.52
OS5143	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 OS=Mus musculus OX=10090 GN=SERCA2 PE=1 SV=1	18	12	63	12	72.09	1.724	0.79	0.001063044	37.91	141.5	58.5	29.58	37.62
Q3UH59	Myosin-10 OS=Mus musculus OX=10090 GN=Myo10 PE=1 SV=1	17	21	65	18	73.35	1.736	0.8	0.000917624	46.79	153.1	46.9	30.44	36.61
P17095	High mobility group protein HMG-I/HMG-Y OS=Mus musculus OX=10090 GN=Hmg1 PE=1 SV=1	23	3	8	3	15.58	1.762	0.82	0.000628681	52.94	132.5	67.5	39.97	93.7
P14094	Sodium/potassium-transporting ATPase subunit beta-1 OS=Mus musculus OX=10090 GN=ATP5B1 PE=1 SV=1	7	7	265	7	276.01	1.767	0.82	0.000596286	41.6	127.7	72.3	21.17	17.12
QB8T50	DEAD (asp-glu-ala-asg) box polypeptide 5 OS=Mus musculus OX=10090 GN=Dead5 PE=1 SV=1	12	6	63	3	86.03	1.777	0.83	0.000520037	39.98	161	39	25.54	74.54
Q3UL05	Methylcrotonyl-CoA carboxylase beta chain, mitochondrial OS=Mus musculus OX=10090 GN=MCCB PE=1 SV=1	25	8	34	8	23.36	1.776	0.83	0.000520037	46.39	132.1	67.9	21.12	26.84
QB8FR5	Elongation factor Tu, mitochondrial OS=Mus musculus OX=10090 GN=Tu1m PE=1 SV=1	36	12	228	12	346.44	1.795	0.84	0.000388029	44.26	142.3	57.7	37.45	32.9
Q9C0F3	Cleavage and polyadenylation specificity factor subunit 5 OS=Mus musculus OX=10090 GN=CPSF5 PE=1 SV=1	27	3	34	3	30.28	1.808	0.85	0.000319148	83.1	139.7	60.3	60.73	68.49
Q9D262	Dihydrodipolysylline-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial OS=Mus musculus OX=10090 GN=HDH1 PE=1 SV=1	28	11	289	11	419.17	1.8	0.85	0.000362605	43.08	132.5	67.5	37.77	16.28
Q9C0G2	2,4-dienoyl-CoA reductase, mitochondrial OS=Mus musculus OX=10090 GN=DeR1 PE=1 SV=1	27	6	68	6	118.1	1.825	0.87	0.000245304	90.52	144.7	55.3	22.15	43.03
H3B1W3	Cleavage and polyadenylation-specific factor subunit 6 OS=Mus musculus OX=10090 GN=CPSF6 PE=1 SV=1	7	2	9	2	4.4	1.836	0.88	0.000208104	36.6	124.4	75.6	25.35	37.01
P01867	Ig gamma-2B chain C region OS=Mus musculus OX=10090 GN=Igh-3 PE=1 SV=3	17	5	91	5	162.05	1.867	0.9	0.000128543	62.75	136.4	63.6	43.24	48.79
Q9C0J7	ATP synthase F0 complex subunit B1, mitochondrial OS=Mus musculus OX=10090 GN=ATP5B1 PE=1 SV=1	9	2	27	2	1.65	1.902	0.93	7.36752E-05	47.31	135.4	64.6	34.44	20.99
Q93265	ATP synthase subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=ATP5F1a PE=1 SV=1	50	23	739	23	1497.31	1.899	0.93	7.62271E-05	43.09	132.2	66.8	32.82	16.56
P43006	Excitatory amino acid transporter 2 OS=Mus musculus OX=10090 GN=Slc12 PE=1 SV=1	14	5	30	5	61.76	1.918	0.94	5.69483E-05	57.28	144.8	55.7	33.61	34.45
Q9D051	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial OS=Mus musculus OX=10090 GN=PDHFB PE=1 SV=1	45	15	716	15	1301.4	1.925	0.94	5.51849E-05	46.05	129.3	70.7	40.11	13.1
P56959	RNA-binding protein FUS OS=Mus musculus OX=10090 GN=Fus PE=1 SV=1	20	8	170	8	285.16	1.919	0.94	5.69483E-05	53.64	140.9	59.1	11.93	48.86
OB8569	Heterogeneous nuclear ribonucleoproteins A2/B1 OS=Mus musculus OX=10090 GN=hnRNP A2/B1 PE=1 SV=1	40	13	224	12	246.07	1.951	0.96	3.4841E-05	66.45	143.5	56.5	32.03	28.7
QB8G05	Heterogeneous nuclear ribonucleoprotein A3 OS=Mus musculus OX=10090 GN=hnRNP A3 PE=1 SV=1	33	11	192	11	113.9	1.958	0.97	3.15501E-05	58.49	137.5	62.5	25.19	36.47
Q9K48	Non-POU domain-containing octamer-binding protein OS=Mus musculus OX=10090 GN=NOBP PE=1 SV=1	9	3	62	3	66.85	1.962	0.97	2.99397E-05	61.77	132.2	67.8	26.92	52.4
Q91V92	ATP synthase subunit gamma, mitochondrial OS=Mus musculus OX=10090 GN=ATP5F1c PE=1 SV=1	17	3	22	3	34.96	1.987	0.99	1.91873E-05	68.1	175	25	58.91	51.48
Q9D616	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial OS=Mus musculus OX=10090 GN=NDH2 PE=1 SV=1	17	3	19	3	33.26	2.001	1	1.58759E-05	49.76	134.2	65.8	30.57	165.62
QBCHT0	Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=PCDH PE=1 SV=1	17	6	123	6	189.04	2.061	1.04	5.58379E-06	40.53	155.1	44.9	30.91	18.95
P94104	Serine/arginine-rich splicing factor 3 OS=Mus musculus OX=10090 GN=Srsf3 PE=1 SV=1	18	3	7	3	7.46	2.056	1.04	5.94127E-06	49.09	146.9	53.1	37.58	52.49
P35486	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial OS=Mus musculus OX=10090 GN=PDHFB PE=1 SV=1	37	14	340	14	512	2.102	1.07	2.65043E-06	65.13	135.5	64.5	45.22	36.1
QB8D81	Heterogeneous nuclear ribonucleoprotein L (Fragment) OS=Mus musculus OX=10090 GN=hnRNP L PE=1 SV=1	20	5	29	5	34.68	2.167	1.12	8.4008E-07	67.23	163.4	36.6	50.89	58.18
Q9D815	39S ribosomal protein L12, mitochondrial OS=Mus musculus OX=10090 GN=MtRpl12 PE=1 SV=1	17	3	54	3	27.48	2.35	1.23	3.12008E-08	72.96	151.6	48.4	102.8	37.25
Q9C0X8	28S ribosomal protein S36, mitochondrial OS=Mus musculus OX=10090 GN=MtRps36 PE=1 SV=1	70	4	39	4	64.25	2.361	1.24	2.59072E-08	41.1	148.4	51.6	52.91	26.02
P12787	Cytochrome c oxidase subunit 5A, mitochondrial OS=Mus musculus OX=10090 GN=CcO5A PE=1 SV=1	47	5	19	5	18.02	2.42	1.28	8.93407E-09	39.16	155.5	44.5	67.81	20.49
P46660	Alpha-interferon OS=Mus musculus OX=10090 GN=Ifn PE=1 SV=1	55	28	689	22	1370.02	2.463	1.3	4.21142E-09	62.57	137	63	28.42	18.86
QB8M47	Dihydrodipolysylline-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial OS=Mus musculus OX=10090 GN=HDH1 PE=1 SV=1	26	13	380	13	471.28	2.458	1.3	4.5606E-09	56.08	151	49	40.28	19.45
Q9WVA2	Mitochondrial import inner membrane translocase subunit Tim8 A OS=Mus musculus OX=10090 GN=Tim8A PE=1 SV=1	41	2	26	2	63.36	2.469	1.3	3.81052E-09	43.42	133	67	22.89	29.59
P0B553	Neurofilament medium polypeptide OS=Mus musculus OX=10090 GN=Nefm PE=1 SV=1	46	40	828	34	1558.69	2.481	1.31	3.10363E-09	80.84	146.6	53.4	33.52	32.04
Q60932	Voltage-dependent anion-selective channel protein 1 OS=Mus musculus OX=10090 GN=VDAC1 PE=1 SV=1	22	5	43	4	44.98	2.556	1.35	8.10845E-10	59.76	171.9	28.1	39.83	27.57
P48962	ADP/ATP translocase 1 OS=Mus musculus OX=10090 GN=Slc54 PE=1 SV=4	29	8	83	3	61.37	2.6	1.38	3.70906E-10	57.78	182.8	17.2	46.49	47.44
P19246	Neurofilament heavy polypeptide OS=Mus musculus OX=10090 GN=Nefh PE=1 SV=3	29	29	534	26	800.59	2.666	1.41	1.12128E-10	68.46	153.3	46.7	40.61	26.7
P0B551	Neurofilament light polypeptide OS=Mus musculus OX=10090 GN=Nefl PE=1 SV=5	65	39	791	34	1582.92	2.701	1.43	6.09042E-11	72.19	134.6	66.4	30.18	19.9
Q9C0X2	ATP synthase subunit d, mitochondrial OS=Mus musculus OX=10090 GN=ATP5D PE=1 SV=1	29	3	9	3	0	2.889	1.53	1.95881E-12	55.22	148.5	51.5	59.79	4.54
Q9D0877	Cytochrome b-c1 complex subunit 2, mitochondrial OS=Mus musculus OX=10090 GN=Cyb PE=1 SV=1	34	8	23	8	36.25	2.922	1.55	1.1072E-12	30.16	159.9	40.1	92.11	61.42
P04045	Cytochrome c oxidase subunit 2 OS=Mus musculus OX=10090 GN=MtCo2 PE=1 SV=1	13	2	15	2	23.65	3.183	1.67	1.7034E-15	56.12	168.1	31.9	42.99	20.73
P03075	Creatine kinase U-type, mitochondrial OS=Mus musculus OX=10090 GN=Ckm1 PE=1 SV=1	41	15	765	14	1042.82	3.509	1.81	1.27024E-15	56.22	162	38	33.86	22.67







Q5SVU9	Isomorph 2 of Acetyl-CoA carboxylase 1 OS=Mus musculus OX=10090 GN=Acaca	26438.10624	119664.8988	4571.86376	60938.60082	23219.42120	51902.56994	53962.91137	64929.1157	136291.9	142700.2	127789.8	74255.57	78222.71	56333.02	23076.32	34366.25	34627.52	
Q8BFU3	isomorph 4 of RING finger protein 214 OS=Mus musculus OX=10090 GN=Rnf214	10202626.431	755648.6732	903201.929	1105235.399	1010439.393	901945.376	789479.6154	964478.4581	832126.6347	542259.4	70521.4	716664.8	664110.5	120886.8	511291.5	765595.1	648947.9	681505.5
P25955	NEDD8 OS=10090 GN=Nedd8 PE=1 SV=2	1156425.547	2119732.766	1563434.589	545335.3164	638629.7644	807905.347	1146389.394	1704200.114	1579022.558	1354855	1504886	1677431	1286213	1208676	41139471	1296386	1522699	1452068
Q5D910	Nucleolin OS=Mus musculus OX=10090 GN=Ncl PE=1 SV=1	833025.726	759177.3451	698703.5818	698703.5818	698703.5818	698703.5818	698703.5818	698703.5818	698703.5818	698703.5818	698703.5818	698703.5818	698703.5818	698703.5818	698703.5818	698703.5818	698703.5818	698703.5818
Q61206	Platelet-activating factor acetylhydrolase IB subunit beta OS=Mus musculus OX=10090 GN=PAFAC1B PE=1 SV=1	801287.633	956468.303	883822.462	878035.797	908970.198	875531.807	805860.547	1242655.544	841580.482	8336972	9848995	967010	7694130	8383527	1467349	8377394	9140113	8253303
Q9QXV7	Protein piccolo OS=Mus musculus OX=10090 GN=Ppic PE=1 SV=4	438263.7162	569951.2218	486960.4459	547765.3053	449561.5005	591067.8158	806860.641	34793.0209	314255.6153	523355.56	159252.4	1442717.1	1259878.3	2108733.4	522888.4	458459.1	195035	
P62823	Ras-related protein Rab-3C OS=Mus musculus OX=10090 GN=Rab3c PE=1 SV=1	1508809.0047	185000.0006	172131.9067	165499.8494	163695.157	162423.9603	105410.0258	80441.93625	149447.287	124069.4			1139927	133762.8	102170	122531.1		
Q60996	Serin/threonine-protein phosphatase 2A 56 KDa regulatory subunit gamma isoform 4 OS=Mus musculus OX=10090 GN=PP2A-Gamma4 PE=1 SV=1	4252.92452	4162.15765	42571.56692	53089.05794	45551.19369	42091.71527	40168.61635	62083.62925	36667.85366	38895.35	27680.58			31994.27	25404.89	29900.44	28642.67	33283.29
Q54988	STE5-like serine/threonine kinase OS=Mus musculus OX=10090 GN=Skc1 PE=1 SV=1	697640.7073	615454.4971	697640.7073	615454.4971	697640.7073	615454.4971	697640.7073	615454.4971	697640.7073	615454.4971	697640.7073	615454.4971	697640.7073	615454.4971	697640.7073	615454.4971	697640.7073	615454.4971
Q5CR86	Tubulin polymerization-promoting protein family member 3 OS=Mus musculus OX=10090 GN=TPP3 PE=1 SV=1	10716658.9	998204.591	92244.155	1075922.62	9878921.7162	1152082.59	9342636.407	10379728.53	9878406.848	10733376	8807029	9620704	1026350	1020275	13505997	10694646	1401240	11020085
Q7W189	Ubiquitin domain-containing protein UBFD1 OS=Mus musculus OX=10090 GN=Ubf1 PE=1 SV=1	976555.4825	163258.6624	110680.8009	1113454.004	1152099.379	1032031.95	210523.4333	649075.4093	252765.6201	850909.1	74874.7	933776.4	170352.2	167828.3	801187.4	710182.4	520178.3	
Q7Q103	Ubiquitin thioesterase OTUB1 OS=Mus musculus OX=10090 GN=Otub1 PE=1 SV=2	18977664.96	1500246.48	1580111.024	21538792.84	20947200.27	2083396.27	14017971.66	1174537.77	1205639.86	14542126	1588833	15292650	15183697	14123654	11679946	14004147	14423313	14864242
Q5DCD8	14-3-3 protein beta/alpha OS=Mus musculus OX=10090 GN=Ywhab PE=1 SV=2	3243884.89	36252027.36	39702919.86	2848493.73	28099865.16	32041288.31	2680577.27	44407785.28	3457222.42	32212991	33317175	43865510	3313029	12627696	47494401	51520979	4212803	3613995
Q68510	14-3-3 protein epsilon OS=Mus musculus OX=10090 GN=Ywhaf PE=1 SV=2	54256878.87	41746326.56	49235283.76	51517873.9	5000028.49	5218866.35	40994374.62	7456861.41	4263193.12	4031558	4467285	4358786	5472884	42646692	8071805	4403599	628590	4067386
Q82854	14-3-3 protein theta (Fragment) OS=Mus musculus OX=10090 GN=Ywhag PE=1 SV=1	28993617.25	23689192.95	25813650.59	28158460.6	25464867.4	2649105.15	23713425.11	2170645.17	2056271.67	2380944	2286791	21404461	2526328	2285255	2405846	2616409	2638970	2458412
Q9P114	265e proteasome non-ATPase regulatory subunit 6 OS=Mus musculus OX=10090 GN=Psf6 PE=1 SV=1	1741823.239	1035024.804	771162.8	1032467.303	93357.3384	85641.7661	108288.111	85595.7668	149627.249	113479	1079764	134745	1061872	782925.3	901271.5	909455	1139478	1307577
Q5Z048	Apoptosis inhibitor 5 OS=Mus musculus OX=10090 GN=Ap5 PE=1 SV=1	9527265.139	7793133.04	795781.87	11110148.62	896662.605	829077.57	8425498.68	571774.953	147297.925	614079	1075244	8402651	6518103	7891801	6123393	7097495	7590085	
Q54988	Calcium/calmodulin-dependent 2' 5' cyclic nucleotide phosphodiesterase 1 OS=Mus musculus OX=10090 GN=CN2 PE=1 SV=1	697640.7073	615454.4971	697640.7073	615454.4971	697640.7073	615454.4971	697640.7073	615454.4971	697640.7073	615454.4971	697640.7073	615454.4971	697640.7073	615454.4971	697640.7073	615454.4971	697640.7073	615454.4971
P67871	Cas9 kinase II subunit beta OS=Mus musculus OX=10090 GN=Csk2B PE=1 SV=1	114730.4542	9034.40234		87367.9509	130507.356	117558.499	95336.499	151844.078	181489.3612	163940	160650.2	30212.12	111917.6	196908.9	93386.84	92973.61	188345.8	
P23198	Chromobox protein homolog 3 OS=Mus musculus OX=10090 GN=Cbx3 PE=1 SV=1	200248.3486	41743.3805	487587.4451	105115.9164	119427.0984	238994.6468	40095.0735	488364.9998	416360.04	405210.3	40321.32	433930.8	389137.6	362769.8	442330.9	297447	342255.5	
Q88544	COP9 signalosome complex subunit 4 OS=Mus musculus OX=10090 GN=Cops4 PE=1 SV=1	216068.1059	470066.214	578774.49	7447250.584	6991708.483	592533.672	452084.405	4780973.82	496162.351	4312779	4307104	4549705	4456640	4780482	3849790	520388	412710	5123365
Q83039	DCC-interacting protein 13-beta OS=Mus musculus OX=10090 GN=App2 PE=1 SV=1	121006.1059	17833.5547	70577.2694	119440.614	691474.7822	1012616.1902	161868.6376	62083.72133	36667.85366	38895.35	76745.1	58115.17	41754.68	90799.49	97164.98	76832.67	99308.46	138964.5
Q90793	Dual-specificity protein phosphatase 1 OS=Mus musculus OX=10090 GN=Dpp1 PE=1 SV=1	993468.4927	99876.2593	992133.107	1222319.175	1124044.666	1091245.101	8715.1403	92156.6039	91230.0	9701234.1	850667	83102.7	53968.1	51968.1	801224.8	578002	696647.9	90839.8
Q9Y062	Expressed sequence A183781 OS=Mus musculus OX=10090 GN=A183781 PE=1 SV=1	781526.2716	258970.41	27739.599	712329.006	262169.507	71164.8841	687454.6135	487263.751	775989.9204	618860	67837	74413.4	689328.3	88487.19	630811.2	310405.3	279932.7	27180.8
Q9Q140	Glyceraldehyde-3-phosphate dehydrogenase 1 OS=Mus musculus OX=10090 GN=G3p PE=1 SV=3	414299.869	588871.611	728939.507	407469.7383	346963.7825	325052.66024	71065	10268.5189	347429.2449	480997.4	423687.8	3985634.1	605276.4	6196812.8	482586.4362	58973.29	485719.3	
Q9Y071	GMP reductase 1 OS=Mus musculus OX=10090 GN=Gmp PE=1 SV=1	1128085.78	2820170.557	26113.7827	688070.1743	830673.1476	1562009.777	1817999.823	221657.874	1873549	2378407	1897489	179205	11985	1379942	1538986	242788	2325451	
Q9D921	Heat shock protein Hsp 90-alpha OS=Mus musculus OX=10090 GN=Hsp90aa1 PE=1 SV=1	2298364.85	195962079.8	224918909.1	20991458.2	216999500.4	217794326.4	22021997.8	227134443	19957476.2	1858.408	2106.08	14947.98	216.408	2086.48	2248.08	1248.408	206.08	
Q9D922	Heat shock protein Hsp 90-beta OS=Mus musculus OX=10090 GN=Hsp90bb1 PE=1 SV=1	2298364.85	195962079.8	224918909.1	20991458.2	216999500.4	217794326.4	22021997.8	227134443	19957476.2	1858.408	2106.08	14947.98	216.408	2086.48	2248.08	1248.408	206.08	
Q8R001	Microtubule-associated protein 9B/IF family member 2 OS=Mus musculus OX=10090 GN=MAP9B PE=1 SV=1	631549.507	499972.475	5054746.992	7137850.99	7012211.043	7145887.265	624422.83	6809659.29	6927248.45	5250594	5666207	4193938	329159	5324401	5487759	6654022	6032811	6807788
Q9D997	N-acetyl-D-glucosaminase kinase OS=Mus musculus OX=10090 GN=Nagk PE=1 SV=1	37170.6202	313360.578	585222.3725	378255.5199	366402.835	448326.9059	20899.2856	423197.2011	325713.7288	247792	334361	3189234	281845	267959	652050	354722.6	366129	246884.6
Q9S200	Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein OS=Mus musculus OX=10090 GN=PHO45 PE=1 SV=1	62084.2925	79371.0802	13284.1924	62815.40229	82093.72602	84301.50367	87183.6638	72734.44316	14574.23977	86240.65	105086.9	82035.97	67919.87	86242.32	77601.73	59225.95	93207	112385.8
P72612	Phosphatidylethanolamine 4-acyltransferase OS=Mus musculus OX=10090 GN=PAAP PE=1 SV=1	250501.8920	142449.4804	140016.5586	172393.2436	119440.614	691474.7822	1012616.1902	161868.6376	62083.72133	36667.85366	38895.35	76745.1	58115.17	41754.68	90799.49	97164.98	76832.67	99308.46
Q9D923	Programmed cell death protein 1 OS=Mus musculus OX=10090 GN=PDCD1 PE=1 SV=1	46365.2742	68110.154	68110.154	68110.154	68110.154	68110.154	68110.154	68110.154	68110.154	68110.154	68110.154	68110.154	68110.154	68110.154	68110.154	68110.154	68110.154	68110.154
P12815	Programmed cell death protein 6 OS=Mus musculus OX=10090 GN=PDC6 PE=1 SV=2	1102679.172	94858.8388	748591.1827	1280996.052	1739586.193	1072921.109	694940.969	595288.394	89754.9717	734519	7103836	6186663	949651.6	864611.6	622077.3	9460614	630214	881206.7
Q63011	Ras-related protein Rab-3A OS=Mus musculus OX=10090 GN=Rab3a PE=1 SV=1	11530265.72	1138541.027	1040441.35	1049374.542	1044233.354	1379417.127	8590564.124	7502334.008	9019335.043	9029514	8448959	8106583	7460170	760858	620779	8039576	107304	9188883
P35279	Ras-related protein Rab-6A OS=Mus musculus OX=10090 GN=Rab6a PE=1 SV=4	156204.2547	1834653.481	1671065.505	1278833.905	597249.3061	1106231.399	143929.437	157053.6413	1582419.919	1656259	1648989	1359827	1528711	1637827	880763.6	1472985	1598789	3697678.1
EP9YD0	Rho GTPase-activating protein 5 OS=Mus musculus OX=10090 GN=RhoGAP5 PE=1 SV=1	130537.5216	128493.4272	132745.1187	1306515.5576	147646.9335	130079.1977	96668.4674	93085.8883	94333.98916	99640.7	52289.1	125284.7	107799.3	99940.76	701832.4	110004	115004	51113.4
Q9D924	Serin/threonine-protein kinase PAK-2 OS=Mus musculus OX=10090 GN=PAK2 PE=1 SV=1	1436884.258	1259305.647	1030899.044	981168.337	1470046.46	903586.827	1283703.274	92255.6065	78908.556	1366190	810141.9	1053417	608594.9	1345779	8088562	1447247	1826259	

Q92172	Small ubiquitin-related modifier 3 OS=Mus musculus OX=10090 GN=Sumo3 PE=1 SV=1	41326.2634	294228.2129	246979.8378	142822.784	1105978.656	1105194.98	945610.190	1199134.303	1430227.713	174910	1234568	1682241	962528.2	1175226	1095117	1327756	1600457	1807112
Q91926	Sromal membrane-associated protein 1 OS=Mus musculus OX=10090 GN=Smap1 PE=1 SV=1	1326859.163	1901671.754	1486284.227	1200821.784	1105978.656	1105194.98	945610.190	1199134.303	1430227.713	174910	1234568	1682241	962528.2	1175226	1095117	1327756	1600457	1807112
P54787	Transport and coiled-coil organizing 2 homolog OS=Mus musculus OX=10090 GN=Tago2 PE=1 SV=1	191183.592	33946.4636	153808.18	153808.18	23455.2043	188353.36	76709.0509	18695.357	237149.3285	109772.1	209337	8835.24	91052.75	285037.3	231790.3	277416.6	264535	202020.3
P1723	Tropoelastin OS=Mus musculus OX=10090 GN=Trop1 PE=1 SV=1	8230059.33	95821156.49	109116.64	909116.64	86100.13	1014116.5	1054294.5	9130749.62	851133.65	86336.6	10214.08	9368720	91801.43	1.3E+08	1.02E+08	921525	916483.3	9142013
Q8R5H1	Ubiquitin carboxyl-terminal hydrolase 15 OS=Mus musculus OX=10090 GN=Ubp15 PE=1 SV=1	292743.84	29922.3477	72882.6334	219893.443	112933.065	275543.841	185784.831	107443.922	150267.5301	226116.7	146176.5	51717.9	67915.95	144334.3	88732.78	146568.8	79251.64	141862
Q8O759	Ubiquitin-protein ligase E3A OS=Mus musculus OX=10090 GN=Ube3A PE=1 SV=1	511389.5579	151601.8588	228154.7193	616330.2656	587562.853	123765.157	263944.6253	6031.175308	25812.08	83965.82	132776.6	92895.82	132776.6	2095.98	125645.8	68847.76	214935.4	20569.63
P22259	14-3-3 protein epsilon OS=Mus musculus OX=10090 GN=Whaep PE=1 SV=1	189840134.1	167889661.1	17862491.1	20236946	19235706.1	195340394.4	15396792.3	16153960.9	169371465.9	1.624E+08	1.64E+08	1.65E+08	1.7E+08	1.47E+08	1.48E+08	1.73E+08	1.63E+08	1.68E+08
Q92999	Actin-related protein 2/3 complex subunit 4 OS=Mus musculus OX=10090 GN=Arp4 PE=1 SV=1	6271942.33	5888181.483	5441933.227	5515377.862	5333972.023	5070830.026	4399466.074	7174688.73	5724455.69	4813459	4824745	5467143	4955335	3306600	50573701	5137349	5932989	4894576
Q70318	Band 4.1-like protein 2 OS=Mus musculus OX=10090 GN=Bdlp2 PE=1 SV=1	41571.916	7281.04076	34287.0617	338084.0182	362420.588	362420.588	362420.588	312033.8668	186514.3558	119581.3389	301817.3	70479.63	31005.33	312955.4	353844.2	416871.3	192576.7	341633.5
EP9208	Ceruloplasmin OS=Mus musculus OX=10090 GN=Cp PE=1 SV=1	787293.6576	942500.8128	746705.4048	1475234.716	1463125.246	1275258.264	236475.734	2945222.5204	229714.4222	207943.5	23812	132777.7	258957.7	292277	295065.5	270223.5	142727.4	142431.6
P61202	COP9 signalosome complex subunit 2 OS=Mus musculus OX=10090 GN=Cops2 PE=1 SV=1	1484797.91	960112.8558	153640.614	1513084.914	1818614.846	178822.203	1042381.311	885005.2516	1043623.473	635152.2	1106213	1479000	884944.5	837952.6	1425419	1290448	1318601	1318601
Q9V7X6	Cullin-1 OS=Mus musculus OX=10090 GN=Cul1 PE=1 SV=1	1974476.279	1389500.781	1889989.759	1518178.079	1336448.047	1566317.047	1017078.521	1400759.06	1300593.904	1733968	1390402	1438834	1592132	140220	1488982	1718984	1111111	1544641
Q92273	DCN1-like protein 1 OS=Mus musculus OX=10090 GN=Dcnl1 PE=2 SV=1	41571.916	7281.04076	34287.0617	338084.0182	362420.588	362420.588	362420.588	312033.8668	186514.3558	119581.3389	301817.3	70479.63	31005.33	312955.4	353844.2	416871.3	192576.7	341633.5
Q5E84	Ermn OS=Mus musculus OX=10090 GN=Ernm PE=1 SV=1	2345454.99	1268986.475	1517551.765	282938.407	298425.345	307103.246	2152179.106	2413870.9	218122.436	2291162	1826416	1846407	2182957	1918727	1280170	2359668	1571096	1669042
P51880	Fatty acid-binding protein, brain OS=Mus musculus OX=10090 GN=Fabp7 PE=1 SV=1	3506678.258	3341177.381	3455242.862	3480357.949	3390275.545	3278218.819	4806395.213	4742647.806	5894526.278	4711270	4238105	4840997	5027730	447212	4140333	487079	5167695	468013
Q5C841	Huntingtin-interacting protein K OS=Mus musculus OX=10090 GN=Hypk PE=1 SV=2	102382.1032	92440.39024	197323.1212	274181.8027	264721.2565	24485.6726	227010.4274	13774.4552	67032.89289	69612.27	76518.79	17395.16	66087.8	94848.11	184247.1	54061.65	164241.9	17181.72
Q95849	Inorganic subunit alpha-3 OS=Mus musculus OX=10090 GN=Ippk3 PE=1 SV=2	476702.2572	210061.3819	228975.919	338688.2332	435525.8703	369961.1074	237039.5794	21025.4274	194581.8388	230302.7	215790.5	3420646	3490588	240016.9	195647.9	1935109	202636.3	205265.1
Q95181	Importin-7 OS=Mus musculus OX=10090 GN=Imp7 PE=1 SV=2	3328397.951	2788462.754	3075119.385	3473388.888	376021.369	3355314.11	172465.815	2304190.849	2482141.038	282434	387338	291541	2560859	2460748	233685	287693	282625	279204
Q92C04	Isomorph 2 of COP9 signalosome complex subunit 7a OS=Mus musculus OX=10090 GN=Isc2 PE=1 SV=1	6980384.921	589506.303	6121222.466	5959754.584	5898746.096	4885633.644	3564242.203	6359969.064	605805.367	6303596	4459822	512778	4527470	5716299	3353754	642976	639861	5541198
Q8O708	Isomorph 5 of Calcium/calmodulin-dependent protein kinase kinase 2 OS=Mus musculus OX=10090 GN=Ikk2 PE=1 SV=1	103987.8574	161591.4282	58196.2511	385452.862	383057.949	3930275.545	372818.819	4806395.213	4742647.806	5894526.278	4711270	4238105	4840997	5027730	447212	4140333	487079	5167695
Q5C841	Huntingtin-interacting protein K OS=Mus musculus OX=10090 GN=Hypk PE=1 SV=2	102382.1032	92440.39024	197323.1212	274181.8027	264721.2565	24485.6726	227010.4274	13774.4552	67032.89289	69612.27	76518.79	17395.16	66087.8	94848.11	184247.1	54061.65	164241.9	17181.72
Q95849	Inorganic subunit alpha-3 OS=Mus musculus OX=10090 GN=Ippk3 PE=1 SV=2	476702.2572	210061.3819	228975.919	338688.2332	435525.8703	369961.1074	237039.5794	21025.4274	194581.8388	230302.7	215790.5	3420646	3490588	240016.9	195647.9	1935109	202636.3	205265.1
Q95181	Importin-7 OS=Mus musculus OX=10090 GN=Imp7 PE=1 SV=2	3328397.951	2788462.754	3075119.385	3473388.888	376021.369	3355314.11	172465.815	2304190.849	2482141.038	282434	387338	291541	2560859	2460748	233685	287693	282625	279204
Q92C04	Isomorph 2 of COP9 signalosome complex subunit 7a OS=Mus musculus OX=10090 GN=Isc2 PE=1 SV=1	6980384.921	589506.303	6121222.466	5959754.584	5898746.096	4885633.644	3564242.203	6359969.064	605805.367	6303596	4459822	512778	4527470	5716299	3353754	642976	639861	5541198
Q8O708	Isomorph 5 of Calcium/calmodulin-dependent protein kinase kinase 2 OS=Mus musculus OX=10090 GN=Ikk2 PE=1 SV=1	103987.8574	161591.4282	58196.2511	385452.862	383057.949	3930275.545	372818.819	4806395.213	4742647.806	5894526.278	4711270	4238105	4840997	5027730	447212	4140333	487079	5167695
P28738	Kinesin heavy chain isoform CS OS=Mus musculus OX=10090 GN=Kif5c PE=1 SV=3	8863301.844	8122334.437	7633972.061	8011132.877	7409745.085	8169197.525	5899661.651	8017343.685	7494700.017	7015216	6804100	6818532	7235499	765276	1846448	862812	796293	8486152
P70202	Latein OS=Mus musculus OX=10090 GN=Ltn PE=1 SV=2	4366408.237	2886544.726	4689900.522	5011529.809	5295838.609	5201127.629	440141.907	4011472.441	372531.524	3966840	467712	569995	3596497	4138416	3157568	494388	4748388	452087
Q9514	NCK-interacting protein with SH3 domain OS=Mus musculus OX=10090 GN=Nckip3 PE=1 SV=1	159508.668	146929.8139	140442.322	25331.8807	111794.0011	228081.174	128081.174	228081.174	228081.174	228081.174	228081.174	228081.174	228081.174	228081.174	228081.174	228081.174	228081.174	228081.174
Q8RHW2	Organic solute carrier protein 1 isoform OS=Mus musculus OX=10090 GN=Oscp1 PE=1 SV=1	45937.5024	46494.8357	49438.8787	179925.2458	189655.6186	376891.367	23652.8675	126093.471	20793.26293	139071.6	59037.42	152807.2	21696.94	61387.07	41202.39	17946.4	67033	28563.33
P53810	Phosphatidylinositol transfer protein alpha isoform OS=Mus musculus OX=10090 GN=PTP1A PE=1 SV=1	14555373.96	1313472.873	1079326.74	1769025.719	13345068.37	136841.427	1128467.331	134421.42	1477933.73	13215269	1151073	10958952	11696.94	61387.07	41202.39	17946.4	67033	28563.33
Q9J9V2	Profilin-2 OS=Mus musculus OX=10090 GN=Fn2 PE=1 SV=3	15585598.85	1427224.44	14949034.63	1920808.42	1866240.91	1617501.91	1484644.41	1915046.48	15040968.7	15005198	1495071	1395958	15252085	1496314	1388142	1735229	1578993	1553040
Q9V9Z2	Proteinase subunit alpha type-2 OS=Mus musculus OX=10090 GN=Psm2a PE=1 SV=3	2826591.176	369964.254	3548033.906	262552.091	2322680.701	2320381.91	512544.983	3924951.24	3346365.977	7799370	2627518	3667940	3098620	3013600	4332289	297140	327139	3191258
Q9V9Z2	Proteinase subunit beta type-2 OS=Mus musculus OX=10090 GN=Psm2b PE=1 SV=3	2826591.176	369964.254	3548033.906	262552.091	2322680.701	2320381.91	512544.983	3924951.24	3346365.977	7799370	2627518	3667940	3098620	3013600	4332289	297140	327139	3191258
Q9C394	Protein RUF3 OS=Mus musculus OX=10090 GN=Ruf3 PE=1 SV=1	723890.784	6478022.398	6155051.229	782507.849	7837699.736	802626.132	563173.071	6551010.39	715729.991	8264439	6653613	753143	5054231	5487000	3745761	7452410	9426761	8835318
Q9C0V0	Protein-L-lysine-4-oxalotransferase OS=Mus musculus OX=10090 GN=KMO PE=1 SV=1	6223735.285	7855654.217	6435449.218	6826532.447	85915.8336	6076116.36	47930.176	674520.181	834444.545	6429820	5735911	7503283	6988853	6287730	814509	7106726	826345	8350759
Q9X1X0	Pyridoxine 5'-phosphate oxidase OS=Mus musculus OX=10090 GN=Ppox PE=1 SV=1	5981971.044	5696714.239	549618.702	4784902.58	4838164.022	4008477.566	373676.031	4971486.114	428511.814	4653655	4603342	479880	4918583	472266	4765764	3837584	3837584	4176964
Q9C1D0	Rib-binding protein OS=Mus musculus OX=10090 GN=Rbp3 PE=1 SV=2	1255007.751	5137658.317	521077.5637	3887689.7383	3888864.646	37499.1836	366663.307	202148.4993	340272.8671	32319.39	74964.61	59088	3545627	302820.9	3343129	380137.1	3985407	340211.2
Q9V9Z2	Ribonucleoside diphosphate lyase OS=Mus musculus OX=10090 GN=Rld PE=1 SV=1	4870137.258	4936281.07	402031.3748	4788666.11	4788666.11	547631.602	384571.734	4892471.24	4082684.968	4182227.4	4524427	4182227	491740	437827	4182227	4182227	4182227	4182227
P62141	Serine/threonine-protein phosphatase P1-beta catalytic subunit OS=Mus musculus OX=10090 GN=PP1B PE=1 SV=1	1265664.617	1741921.093	204009.562	1375744.448	194336.869	1293950.258	1314242.363	1376543.216	170735.957	152312	1362109	1700031	1652163	1328846	1305650	147727	196335	1797106
Q55060	Thioureine-S-methyltransferase OS=Mus musculus OX=10090 GN=TMPT PE=1 SV=1	121138.7322	163623.7357	144309.792	119492.4764	39564.206	36791.851	99962.38985	84880.53835	123022.4717	41003.73	43313.47	131733.5	147470.3	120438	120752.7	223023.5	210255.5	210255.5
Q9Q206	Toll-interacting protein OS=Mus musculus OX=10090 GN=Tipip PE=1 SV=1	2604062.877	3176871.149	2922330.48	2846776.718	2776692.983	2576685.345	2223840.58	2189780.35	256396.901	2690305	2080805	2018883	2274720	2107411	1614396	2520805		

PG2301	405 ribosomal protein S13 OS-Mus musculus OX-10090 GN-Rps13 PE-1 SV-2	691027.3769	1083536.999	1001700.939	1007879.903	200310.8175	150080.9	27205.111	241926.966	252039.0295	584225.8	262948.3	138545.7	84072.9	788720.9	802686.1	139108.4	508746.1	517933.1
QJ3H61	5'-nucleotidase domain-containing protein 3 OS-Mus musculus OX-10090 GN-N5dC	631957.413	204271.316	561302.338	313883.2383	277324.6522	142076.225	774936.803	593248.8003	408396.1846	151374.46	807259.5	1270200.4	1288015	1145584	646780.3	296136.4	100348.5	100348.5
QZ2282	Aspartate--RNA ligase, cytoplasmic OS-Mus musculus OX-10090 GN-Dars PE-1 SV-2	466997.814	413621.161	401062.676	4277200.04	3817604.514	363618.239	3472036.887	3316211.416	3095622.695	3046628	2366163	3760705	3351288	2520399	2317889	2552355	2698055	2698055
EQ2557	Desmoglein-1 OS-Mus musculus OX-10090 GN-Gdes1 PE-1 SV-2	119275.3136	77816.93203	90782.7185	143250.2333	142001.7976	147238.2509	1398.0647	17179.5235	3391780.403	141675.8	104521			63427.19	54529.42	15952.93		
QB2176	Eukaryotic translation initiation factor 3 subunit A OS-Mus musculus OX-10090 GN-E	669864.4911	649856.504	430465.5169	706585.4944	575162.5207	54254.654	55149.2698	386229.0175	382981.3458	357397.57	556076.6	449157.6	265729.3	695550.4	713831.5	335771.5	201055	4640439.5
DZ3567	Carboxylesterase 1 OS-Mus musculus OX-10090 GN-Ces1b PE-1 SV-1	903812.3682	571215.4601	678906.7278	663575.5078	600143.1474	545317.1812	1582254.444	1320570.29	1030499.477	1141046	1220331	689704.3	444725.4	443250	256602.9	1157956	917638.8	937312
GA0605	Centrosomal protein of 170 kDa OS-Mus musculus OX-10090 GN-Cep170 PE-1 SV-2	798943.1136	509925.0473	778989.145	788725.5313	823773.9537	246057.8325	573380.216	499647.9188	238743.5922	223874.8	214760.4	150143.9	231077.4	427589.9	180880.4	1546271.1	662779.4	662779.4
Q17190	Cold shock domain-containing protein 1 OS-Mus musculus OX-10090 GN-Csd1 PE-1 SV-2	842877.415	800114.6717	908110.3875	52395.3452	630814.157	810814.157	81725.2368	888424.3479	771055.9752	829561.6474	592034.6	808716.3	562995	935373.1	1007369	78156.8	28549.7	140822.6
QSD0C4	Elinor-A transfer flavoprotein subunit beta OS-Mus musculus OX-10090 GN-EtfB PE-1 SV-2	7548885.448	9831827.809	8828900.805	10146620.53	8629004.077	8720703.93	846345.308	8189637.882	8457602.557	7755858	9150175	8797792	13252104	12056216	10304296	8778427	8971830	7871953
QB87M8	Filamin-A OS-Mus musculus OX-10090 GN-FlnA PE-1 SV-5	123967.249	248859.0118	112710.4301	123407.908	228944.463	142692.405	111053.795	272488.4018	116156.8361	140254	108355.2	1544027	388484.8	159944.4	353960.1	90062.97	203161.8	207112.3
PL4602	Heat shock protein beta-1 OS-Mus musculus OX-10090 GN-Hsp90 PE-1 SV-2	321155.8241	213012.8856	355860.6357	544984.6541	424943.8099	500071.8226	600933.914	5416310.535	5416310.535	340769.916	367971	135755.4	524469.3	187469.8	414083.7	608195.1	581904.5	581904.5
Q17183	Heterogeneous nuclear ribonucleoprotein Q OS-Mus musculus OX-10090 GN-HnRNP Q	1065899.97	940672.745	914838.892	907263.517	930372.518	850908.347	865273.762	832027.056	7837728.111	9194402	8634293	7762492	9361874	9279874	7203452	7145299	1778117	7881916
PO9405	Nucleolin OS-Mus musculus OX-10090 GN-Ncl PE-1 SV-2	221904.6054	193987.5505	106164.2977	189143.2322	106164.2977	106164.2977	106164.2977	106164.2977	106164.2977	106164.2977	106164.2977	106164.2977	106164.2977	106164.2977	106164.2977	106164.2977	106164.2977	106164.2977
QB8H04	Phosphoenolpyruvate carboxykinase [GTP], mitochondrial OS-Mus musculus OX-10090 GN-Pck2 PE-1 SV-2	502871.1245	4874729.324	572827.223	559365.887	5431001.708	568279.2548	5815703.847	5613279.93	5457048.483	5062581	4726462	3958831	3953433	4312062	3850020	5116079	2034249	4396482
Q6R000	Syntaxin-12 OS-Mus musculus OX-10090 GN-Sxt12 PE-1 SV-2	400398.8633	567870.5186	395162.9347	489964.9382	445148.3797	484518.7233	566522.5114	486135.9702	549895.5216	355019	38976.6	302889	294946	511297	295352.4	360631.6	301424	360631.6
QB80A4	Vesicle-associated membrane protein 2 OS-Mus musculus OX-10090 GN-Vamp2 PE-1 SV-2	2398493.025	3135181.267	3196203.028	2373110.822	2452241.001	2007054.259	2254499.186	2302014.845	267337.868	2226943	2672723	2569188	2126265	2532023	1954728	2367674	2415750	2584466
PK3082	V-type proton ATPase 16 kDa proteolipid subunit OS-Mus musculus OX-10090 GN-A	656771.131	670187.7756	723981.6165	615556.2019	570713.542	524889.558	492764.2340	473434.6786	441710.0713	419047.6	367832.1	4883434	324770	332526.4	312832.2	314048.4	342647.1	37476.3
QD83B3	Charged multivesicular body protein 4b OS-Mus musculus OX-10090 GN-Chmp4b PE-1 SV-2	1590816.66	1536793.515	1423714.01	1502907.12	1417948.226	1654183.726	1624020.047	2742594.802	2568165.339	2199509	1840841	1481463	1620991	2219796	2151796	222244	1194241	1805827
QB2897	Cytochrome c, somatic OS-Mus musculus OX-10090 GN-Cytc PE-1 SV-2	78085050.73	92110087.22	88751529.45	76394841.17	74899067.28	7253610.32	9521888.8	9204892.38	7993284.79	8294077	73066728	7884002	95171984	1.02e+08	1.04e+08	7215274	6882255	84649332
PL1054	Histone H2B type 1-M OS-Mus musculus OX-10090 GN-H2b1 PE-1 SV-2	11248988.162	997446.872	1047191.385	1327635.201	1573285.077	1124898.672	1026785.89	112585.1287	3800332.477	877613	830678	795334	812407	67667	580616.2	1882524	100244	60887.7
Q17182	Leontine protease OS-Mus musculus OX-10090 GN-Lep1 PE-1 SV-2	83284.929	313821.627	3196203.028	2373110.822	2452241.001	2007054.259	2254499.186	2302014.845	267337.868	2226943	2672723	2569188	2126265	2532023	1954728	2367674	2415750	2584466
Q17212	Microtubule-associated protein 6 OS-Mus musculus OX-10090 GN-Map6 PE-1 SV-2	6976870.26	61934889.85	55718014.46	1225276.427	69247098.08	76805612.64	64808320.106	6325870.15	57844920.42	6976240	5900220	2593738	69591610	6500443	60443027	6308897	6310797	6310797
QX3800	Receptor expression-enhancing protein OS-Mus musculus OX-10090 GN-Reeps5 PE-1 SV-2	1278709.203	1113479.566	320343.7733	3232765.773	10995932.347	1095343.2856	1459333.682	846452.0727	1021598.277	1058528	291242.5	1619728	9990323	1218568	1000449	1232175	124394	1149951
QB8H00	Vesicle-associated membrane protein, associated protein B and C OS-Mus musculus OX-10090 GN-Vamp3 PE-1 SV-2	3494127.713	2504235.28	167559.301	394865.819	4098697.232	4938210.425	1602570.128	1532788.302	1517550.029	2455612	2495286	1247562	161621	162112	1450506	4704918	1450336	1199351
QB2646	V-type proton ATPase subunit 1 OS-Mus musculus OX-10090 GN-Atp6a1 PE-1 SV-2	5885362.044	530265.2676	687251.582	6409753.847	7201178.309	8812280.687	919832.504	5127676.305	5186933.048	4249840	5160281	4287956	4746153	4696664	5505314	2005079	402872	4278662
Q17183	V-type proton ATPase subunit 2 OS-Mus musculus OX-10090 GN-Atp6a2 PE-1 SV-2	324854.595	289842.609	3742851.461	3801224.617	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212
QD2271	1,5-anhydro-D-fructose reductase OS-Mus musculus OX-10090 GN-Afr12 PE-1 SV-2	92683.43019	935753.619	800521.568	123721.1865	97107.6845	95308.3665	165638.767	145272.615	1214607.608	5081.67	1161791	37601.01	56322.47	1125348	71575.39	840981.7	147256	1147556
QD83B3	405 ribosomal protein S23 OS-Mus musculus OX-10090 GN-Rps23 PE-1 SV-2	511030.7647	477293.9756	475960.3062	359206.9366	282637.1202	280014.5334	287439.0558	1180293.764	542176.024	5069412	492632.9	649315.2	78601.9	37602.9	436725	3496987	372306.5	310491.1
QD8300	Filamin-B OS-Mus musculus OX-10090 GN-FlnB PE-1 SV-2	77552.61198	39396.1873	922003.8173	71537.76163	46403.5299	56939.5632	99863.6655	23738.48124	225601.2441	919050.52	104920.4	100082.7	1189960	112965.7	90581.18	20823.9	160237	90922.104
Q6G557	Histone H2A type 2-A OS-Mus musculus OX-10090 GN-H2a2 PE-1 SV-3	24357.12596	48585.1318	390609.9737	469491.2182	283132.3358	282961.0765	98352.2605	246202.997	947807.4909	212415.4	281873	293578	2212149	2329578	167549.1	186111.3	267573.9	388319.9
A24266	MAT7 domain-containing protein 2 OS-Mus musculus OX-10090 GN-Mat7 PE-1 SV-2	81294.929	3318262.609	330332.437	3801224.617	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212	314269.212
QD9705	Myosin-9 OS-Mus musculus OX-10090 GN-My9 PE-1 SV-4	183580.3369	230661.5628	231197.7291	218385.7044	193782.1362	144234.364	17624.9898	157788.1445	296632.1822	262439	225600.9	298113.1	299995.4	313252.1	203095.4	1448714.5	75028.37	207506.3
QD9707	Pmp1b protein OS-Mus musculus OX-10090 GN-Pmp1b PE-1 SV-1	285181.7742	312470.053	149933.239	80501.9544	38687.91559	30660.91625	17061.1745	37865.8157	32728.5148	203711.4	142438.3	169910	126761.6	203844.4	98908.45	29058.6	270224.5	
P70663	SPARC-like protein 1 OS-Mus musculus OX-10090 GN-Sparcl1 PE-1 SV-3	1269265.265	1014541.682	104874.033	1219478.952	123484.243	1400462.567	1017169.001	1373029.869	1149452.2	1300377	1160926	916304.3	570713.542	123733	124523	131888	147229	2797932
P73804	SPARC-like protein 2 OS-Mus musculus OX-10090 GN-Sparcl2 PE-1 SV-3	557506.0233	355559.1164	510464.8516	639880.0715	532915.2514	424564.1206	445029.451	375968.2718	3409498.076	806091.3	520662.6	492741.4	203999.5	301742.1	399999.5	301742.1	787828	342577.2
Q17183	Calcium i-catalytic subunit OS-Mus musculus OX-10090 GN-Cap1 PE-1 SV-1	51532.3377	107034.7717	219156.447	85173.70181	85173.70181	85173.70181	85173.70181	85173.70181	85173.70181	85173.70181	85173.70181	85173.70181	85173.70181	85173.70181	85173.70181	85173.70181	85173.70181	85173.70181
P23953	Carboxylesterase 1C OS-Mus musculus OX-10090 GN-Ces1c PE-1 SV-4	5867448.303	6652560.961	371478.632	802965.563	939318.828	4043833.671	1913409.03	10958846.49	10597739.29	1271184	1106664	1290800	7021188	763465	640653	9685039	116729	8138109
QD8300	Cytochrome b-c1 complex subunit 7 OS-Mus musculus OX-10090 GN-Ucyrb PE-1 SV-2	1083424.374	3290708.603	3072010.416	3290708.603	3290708.603	3290708.603	3290708.603	3290708.603	3290708.603	3290708.603	3290708.603	3290708.603	3290708.603	3290708.603	3290708.603	3290708.603	3290708.603	3290708.603
QD8300	Densin regulatory protein OS-Mus musculus OX-10090 GN-Denr PE-1 SV-2	2139000.231	49815.7354	697981.1441	3406007.312	372978.028	298404.118	195379.394	1660111.261	20261.581	612090	1137758	104165	1288173	978960.2	1227796	174314	147614	1282014
QD9C06	Deoxyguanosine kinase, mitochondrial OS-Mus musculus OX-10090 GN-Dguok PE-1 SV-2	1676068.339	858680.9747	830709.6236	260070.2646	274225.4013	2154106.58	306252.707	3603076.508	2266175.981	2950933	533634	1361865	237476	2939867	273160	389616	137103	213091
QD9273	Histone-binding protein 88BP OS-Mus musculus OX-10090 GN-Hbp7 PE-1 SV-2	340454.686	347611.323	359870.3677	314269.212	314269.212	314												



CHKE4	Histone H2A type 1-E-Os-Musculus OX-1000 Gm-HistH2A Pe1 S=V=1	1535571.371	1560598.974	1578295.905	1514269.596	1514269.596	1806644.327	1651156.601	1422747.33	6151255.067	1400018	1314633	1303979	1628093	1587749	1092801	1133214	1132624	
G3XA53	Oligodendrocyte myelin glycoprotein OS-Musculus OX-1000 Gm-Omg Pe1 S=V	252907.075	243292.767	174776.478	3353963.135	3450121.289	3020823.673	232981.371	1858309.698	1652543.46	2369269	218125	1191961	1989184	2026178	1768752	1697791	1071620	1380699
OS2059	Vesicular core-protein OS-Musculus OX-1000 Gm-VcXn Pe1 S=V=2	6967304.038	9617757.454	9453740.264	8038968.464	9444312.325	7879372.525	7954212.739	7421531.706	7917218.436	7604394	8119941	8196273	7633089	8841443	5688444	6075801	7070998	7070998
OS2495	40S ribosomal protein S9 OS-Musculus OX-1000 Gm-Rps19 Pe1 S=V=1	2037247.213	1276969.854	1482297.271	2110219.942	2059969.622	1844075.635	1610416.639	2066344.123	1738981.661	1680311	158716	1421204	8171784	1575498	1168882	107541	1158839	1145253
<b>Q3TC72</b>	Fumarylacetoacetate hydrolase domain-containing 2A OS-Musculus OX-1000 G=	275058.345	2539381.754	2688984.386	304742.930	3048933.379	2194666.147	2811748.369	2772622.034	2869700.303	1978736	1628458	2550900	3725916	4285628	3999477	4278005	2465374	2551186
<b>P13020</b>	2-O-acetylserine sulfotransferase OS-Musculus OX-1000 Gm-OAS Pe1 S=V=1	4410358	4634462.358	444422.138	4917010.965	5384888.139	949264.107	4571483.787	4519053.413	5367940.748	4071884	4672375	4420084	4358124	3869946	4061666	4479040	4693197	4177074
PS1174	Long-chain specific acyl-CoA dehydrogenase, mitochondrial OS-Musculus OX-1000 Gm-LCSCAD Pe1 S=V=1	10441009.77	8477913.19	9403481.985	1512824.286	11847366.71	12369083.74	9524436.438	12088381.82	8685747.989	8709026	9491998	7858846	13725929	12263924	14795144	786110	784322	8441315
QY1913	Thymocyte nuclear protein 1 OS-Musculus OX-1000 Gm-ThNp1 Pe1 S=V=1	145310.947	112423.486	115357.796	1166088.864	86112.41489	1582914.594	127403.0831	201108.7404	165500.6469	1697001	1429771	1307313	1276523	1042778	1718881	1653644	1071620	137776
Q52029	Spectrin alpha chain, non-erythrocytic 1 OS-Musculus OX-1000 Gm-Sp1 Pe1 S=V=1	14045743.9	13667405.3	13785022.3	14004233.1	14037711.8	142662982.7	122769732.4	11939156.5	11967025.3	1198.08	1186.08	1066.08	1076.08	1166.08	1084.08	1166.08	1166.08	1166.08
<b>G2711</b>	60S ribosomal protein L18a [Fragment] OS-Musculus OX-1000 Gm-Rpl18a Pe1 S=V=1	529209.1936	349652.322	390708.759	39613.3869	492155.147	144842.862	505542.246	387031.9731	412577.9688	412180.414	480016.6	387481.6	357811.1	298571.5	351666.7	328921.8	213863.1	272186
<b>AF7911</b>	60S ribosomal protein L6 OS-Musculus OX-1000 Gm-Rpl6 Pe1 S=V=1	1177209.125	1274809.688	1133825.752	1018306.021	114245.148	108401.625	1163990.163	124683.077	126832.822	145016.5	1150517	1070912	898012.2	1268714.8	171878.4	507826	274168.1	724168.1
P29758	Omitine acetyltransferase, mitochondrial OS-Musculus OX-1000 Gm-OAT Pe1 S=V=1	5157628.615	5082948.013	6145162.361	5334226.607	5929221.735	5483603.171	5526918.127	4418252.845	5043137.328	5009643	5462521	4564356	8999575	8335802	7580040	4538725	4846094	4048254
P93739	Ras GTPase-activating protein-binding protein 2 OS-Musculus OX-1000 Gm-RGAP2 Pe1 S=V=1	9415180.4658	892560.3308	9196987.7634	2634557.403	5004408.0897	520275.603	5197514.469	882578.4344	829224.7466	907070.1	803961	6389069	9592086	9520869	1186360	719467	572948	62802.9
<b>AK8164</b>	Myosin basic protein [Fragment] OS-Musculus OX-1000 Gm-Mbp Pe1 S=V=1	12456077.31	115638215.1	127964214.3	13947174.4	15001331.4	1578079.03	114257287.9	16888008.6	12669428.9	1511.08	135.08	1281.08	1336.08	1316.08	1316.08	1174.08	1166.08	1346.08
<b>P60879</b>	Synaptosomal-associated protein 25 OS-Musculus OX-1000 Gm-Snap25 Pe1 S=V=1	2642404.126	398845.102	4456437.862	3799283.528	3020331.417	3672020.636	3820111.22	4273908.08	4878919.117	3744300	3345539	4499479	3769044	3981019	4313470	3516018	4228383	3379850
<b>PS3026</b>	60S ribosomal protein L10a OS-Musculus OX-1000 Gm-Rpl10a Pe1 S=V=1	1057991.618	1091837.866	1178177.749	866485.144	100458.1004	949264.107	930289.538	945636.1348	125174.783	662159.4	1071558	6447261	990029.2	762628.8	462846.1	482480.1	540220.8	507248.0
PS1174	Coatomer subunit zeta1 OS-Musculus OX-1000 Gm-Copz1 Pe1 S=V=1	194940.9474	162370.963	178612.4328	247658.378	226424.48	301972.026	192640.518	158179.009	15038.7426	196889.7	188947.3	156663.3	181858.3	144922.1	146588	1346145	1500811	189244.3
QY1913	Delta-aminolevulinic acid dehydratase OS-Musculus OX-1000 Gm-ALAD Pe1 S=V=1	2969308.877	3494401.745	3395376.424	3509150.248	3122771.129	5073188.043	10759924.214	9801160.115	8613742.776	915959	9368001	9641753	9421010	9567336	1073260	8812600	1466978	751919
<b>PS3325</b>	40S ribosomal protein S19 OS-Musculus OX-1000 Gm-Rps19 Pe1 S=V=1	148537.6662	422460.219	520301.1527	412456.967	472008.796	487001.966	44523.8478	466047.6198	479084.4176	23875.5	405211.1	387396	431861.9	220641	248560	248560	248560	248560
<b>G27119</b>	2-O-acetylserine sulfotransferase OS-Musculus OX-1000 Gm-OAS Pe1 S=V=1	1359549.55	13749308.37	1228486.71	1303570.7	12138528.82	1353607.05	1336278.54	1375818.45	1543618.37	15812868	11819967	1331232	1301730	1324505	1371620	9852898	12237304	1087350
<b>P60879</b>	Malate dehydrogenase, mitochondrial OS-Musculus OX-1000 Gm-Mdh2 Pe1 S=V=1	11772644.7	10650120.57	11640800.1	11986245.198	11624955.387	11716279.6	127087459	12441661.9	12341007.2	1266.08	1226.08	1206.08	1206.08	1206.08	1206.08	1206.08	1206.08	1206.08
<b>P60202</b>	Myosin protolip protein OS-Musculus OX-1000 Gm-Mlp1 Pe1 S=V=1	3015142.623	2520396.994	2351102.02	3297633.57	3957271.8	3045478.764	2024411.178	2358971.497	2019433.345	2293779	2108023	1537269	1800736	203620	1348717	144749	1638854	1638854
<b>P24369</b>	Peptidyl prolyl cis-trans isomerase B OS-Musculus OX-1000 Gm-PpiB Pe1 S=V=1	1435782.152	1282887.567	2228088.108	2610637.559	2626085.16	2231677.618	2180332.956	1252569.127	2114950.245	1908909	2016146	1812356	2012129	2233202	1796300	1808908	141479	1791915
<b>PS5445</b>	Valcycloxy hydrolase OS-Musculus OX-1000 Gm-Vch Pe1 S=V=1	369754.496	3266645.166	312631.078	1341624.719	132447.166	1057451.61	323710.776	232199.1846	280000.528	342499	378833.9	431684	255715.6	289974.6	294714.8	20248	21686	9.6
<b>PS5445</b>	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial OS-Musculus OX-1000 Gm-VLCAD Pe1 S=V=1	663748.727	665381.201	728353.9785	403758.866	449036.472	58739.369	288122.572	401223.8155	217865.2427	362025.8	256552.9	468780.1	789054.7	535768.8	595878.9	598587.7	598587.7	598587.7
<b>G26245</b>	40S ribosomal protein S15a OS-Musculus OX-1000 Gm-Rps15a Pe1 S=V=1	1409617.114	1402924.70	1524807.367	139768.858	187525.085	1415622.799	1002272.6	105226.279	1289912.208	116458.146	1161147	1340938	1260835	1480018	929444.2	587480.3	78846.5	78846.5
<b>PI9222</b>	4-aminobutyrate aminotransferase, mitochondrial OS-Musculus OX-1000 Gm-4ABT Pe1 S=V=1	63655080.73	5030286.51	5700212.82	67628785.39	64473076.33	52224189.06	58085781.81	54314768.72	50873062.13	5060300	9951197	5862307	7071469	8639805	7648441	5087155	4966261	5087155
<b>G26251</b>	60S ribosomal protein L23a OS-Musculus OX-1000 Gm-Rpl23a Pe1 S=V=1	1904106.802	1522769.277	1468993.044	1775029.518	1912039.691	1911031.329	210398.958	1581221.589	1682873.27	1754244	1719167	1888678	1366624	1653300	1186642	1050412	1012299	1012299
<b>PS2444</b>	NAD kinase 2, mitochondrial OS-Musculus OX-1000 Gm-Ndk2 Pe1 S=V=2	124468.1886	187617.882	245651.340	611442.539	608483.866	70285.212	212500.661	117096.3016	192626.868	204568.4	368496	345610	4306267	4041427	4344755	387616	218387	2374163
<b>QD1212</b>	ES1 nuclear holonucleol, mitochondrial OS-Musculus OX-1000 Gm-D10h2 Pe1 S=V=1	10750043.56	13480110.2	1124340.31	13188472.51	11982154.14	1334831.64	120584.022	1292314.22	13119662.05	1225522	1462890	1287441	1863939	2150737	2322850	1249692	1281070	1221045
<b>G26251</b>	Small nuclear ribonucleoprotein Sm D2 OS-Musculus OX-1000 Gm-SmD2 Pe1 S=V=1	589818.2006	473951.6126	4164281.801	482297.6904	545828.3648	40056.1388	34440.758	129783.4245	409334.5983	44958.2667	336089	60291.6	1361939	1315939	31139.3	306821.2	1144512	1280626
<b>QD2112</b>	TAR DNA-binding protein 43 OS-Musculus OX-1000 Gm-TarBP4 Pe1 S=V=1	17499.401	158763.856	138964.7294	187898.7698	197508.1192	131017.093	139988.4114	124773.2015	245404.4673	192653.4	28017.466	166178.7	154343.3	170029.7	154133.5	1002619	187816.1	131168
<b>QD2112</b>	Acyl-CoA synthetase/hydratase, mitochondrial OS-Musculus OX-1000 Gm-ACSH Pe1 S=V=1	2107768.804	1748768.907	1940880.1	2140872.4	2441955.093	2441955.093	2441955.093	2441955.093	2441955.093	2441955.093	2441955.093	2441955.093	2441955.093	2441955.093	2441955.093	2441955.093	2441955.093	2441955.093
<b>PS2444</b>	NAD kinase 2, mitochondrial OS-Musculus OX-1000 Gm-Ndk2 Pe1 S=V=2	124468.1886	187617.882	245651.340	611442.539	608483.866	70285.212	212500.661	117096.3016	192626.868	204568.4	368496	345610	4306267	4041427	4344755	387616	218387	2374163
<b>PI6332</b>	Methylmalonyl-CoA mutase, mitochondrial OS-Musculus OX-1000 Gm-Mut Pe1 S=V=1	369296.0208	107424.645	407006.549	340930.4453	584748.2362	401070.1198	368129.6902	480192.7439	312834.2704	332125.510	500112.7	559949.4	820407.5	740445.5	600857.5	309093.9	123131.5	311883.5
<b>G6097</b>	Synaptotagmin 1 OS-Musculus OX-1000 Gm-Syt1 Pe1 S=V=1	6973985.372	7128255.245	8059088.989	8044758.868	8340027.166	7889862.453	236788.647	876163.3163	744856.631	7652147	6661025	6310049	7496455	6080854	5707247	5866126	5861126	5861126
<b>QYTM60</b>	Glioblastoma amplified sequence OS-Musculus OX-1000 Gm-Gli3 Pe1 S=V=1	3168271.925	3310251.51	5708623.55	2974616.01	2510420.05	1505719.576	2536788.667	2898956.271	2309279.608	319655	136888	214882	488740	5010909	3680207	2815599	3442370	3596719
<b>QYPC20</b>	Methylmalonyl-adenosyltransferase dehydrogenase [acylating], mitochondrial OS-Musculus OX-1000 Gm-MAD Pe1 S=V=1	8236414.768	5453486.867	5701282.585	4948585.885	4262773.972	5114957.515	4708344.974	445945.029	60925.959	5581513								



P01831	Thy-1 membrane glycoprotein OS-Mus musculus OX-10090 GN-Thy1 PE-1 SV-1	1137181.988	1219706.136	1325044.843	2878169.487	3205233.054	2849787.953	1174478.457	1023172.047	896756.1698	1094520	913784	7607712.9	690378.5	1025472	750956.9	806045.4	610848.4	804180.7
P20108	Thioredoxin-dependent peroxidoreductase, mitochondrial OS-Mus musculus OX-10090 GN-Thy1 PE-1 SV-1	5615335.027	5644738.982	5188059.553	5908685.674	5570450.884	5770629.828	6471648.058	6239512.062	5297204.786	5857763	5749864	5247690	10140646	9739306	10638963	4657783	4274348	3988982
P56480	ATP synthase subunit beta, mitochondrial OS-Mus musculus OX-10090 GN-Atp5f1b	21252426.18	2590091.148	26479566.79	28027537.42	26628801.23	27253892.36	29228511.54	28672400.82	29143887.25	21133255	21940705	22625640	427955174	485211668	35987981	18131667	19136712	19187806
Q0319	Nucleolinin-1 OS-Mus musculus OX-10090 GN-Nuc1 PE-1 SV-2	536788.622	435401.0763	449921.0438	481395.1268	634462.119	466434.8599	365880.214	533475.6385	483356.5909	507778.5	429560	38814.4	45340.8	494682.2	544044.2	373507	302031.4	315426.7
OS5143	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 OS-Mus musculus OX-10090 GN-Sar1	2080467.574	2089384.98	2546671.671	2644779.374	3079302.428	1829662.311	237211.511	1666550.002	1747984.408	1906369	1552011	1241017	1453490	2057014	1241860	1166430	1161537	1378472
QJUH59	Myosin-10 OS-Mus musculus OX-10090 GN-Myh10 PE-1 SV-1	1346831.391	990828.1544	1440019.344	117593.231	962135.6064	736760.3871	2374364.167	2842664.239	1755642.816	2006465	2459255	2009340	2249033	2458600	2325499	2193157	1615226	1789385
P17095	High mobility group protein HMG-Y/HMG-Y OS-Mus musculus OX-10090 GN-Hmg1	445753.548	246303.9487	289171.7076	429099.0033	3401138.811	383547.9654	338613.9758	371080.0523	1061912.117	422941	453324.8	314003	376491.3	447865.8	390479	789320	1137261	40673.5
P14094	Sodium/potassium-transporting ATPase subunit beta 1 OS-Mus musculus OX-10090 GN-NaK1	6186360.428	8218355.544	8063430.961	7503393.07	9071497.064	7877383.056	7104671.915	6196554.067	5996037.746	7407273	6630658	5148887	5892462	7266112	5649992	4342959	4311649	5122451
QBRT50	DEAD (asp-glu-ala-gag) box polypeptide 5 OS-Mus musculus OX-10090 GN-Dead5 PE	410865.3599	432414.7101	512084.2106	576337.187	515179.025	4741558.027	660567.7206	443023.8068	584903.6467	4804608.7	421196.5	433394.2	401234.6	4331199	425814.6	248771.9	228879.9	247572.9
QJULDS	Methylcrotonyl-CoA carboxylase beta chain, mitochondrial OS-Mus musculus OX-11	245224.4726	230842.2687	174374.2	207832.9628	212554.815	249204.2643	220888.7383	305300.4249	307985.4206	305835.3	25973.73	252406.9	319257.1	581221.8	185616	178385.2	23674.2	155208.1
QBFRF5	Elongation factor Tu, mitochondrial OS-Mus musculus OX-10090 GN-Tufm PE-1 SV-	2780584.184	2766770.802	3041115.02	4153855.231	3766269.702	3189835.293	4986173.648	517603.237	5788488.663	512800.1	4081307	4451816	7543181	7035859	2910378	3558758	3436907	
QCQC73	Cleavage and polyadenylation specificity factor subunit 5 OS-Mus musculus OX-10090 GN-Cpsf5	181962.7878	127555.0411	17123.3005	418356.8514	382068.9846	240951.5357	225870.5975	92093.49837	176673.6893	217601.8	145755.3	219715.4	123368.7	159943	143798.1	68066.66	6378.82	
OS0262	Dihydrodipyrrolyline-residue succinyltransferase component of 2-oxoglutarate dehydro	5212529.336	5267935.081	5406050.78	4955547.597	4737896.837	4855611.285	5249472.343	5749148.287	5123942.176	4725713	5578861	5057000	9719306	9308362	10933787	3425264	3561715	3653981
QCSC62	2,4-dienoyl-CoA reductase, mitochondrial OS-Mus musculus OX-10090 GN-Dcnc1 PE	1337570.663	1893302.564	117197.811	1814236.038	1644688.889	1603263.272	2012547	1821152.604	1987486.792	2003555	1948196	2299814	3823887	3026796	2416909	1462484	1845567	1784848
H3BVW3	Cleavage and polyadenylation-specific factor subunit 6 OS-Mus musculus OX-10090 GN-Cpsf6	51176.90083	42280.3528	45490.43316	46886.53096	43398.36592	3935.26871	37032.68443	31710.43144	32872.89938	23028.73	37507.15	35758.5	44018.56	58716.97	35206.24			20254.94
P01867	Ilg gamma-2b chain C region OS-Mus musculus OX-10090 GN-Igh-3 PE-1 SV-3	1130138.068	1052708.546	1072124.083	2499450.897	2697531.184	2428802.488	2125924.599	2812983.839	2599613.896	4072555	4296429	3725197	2273722	2286347	2052878	1656125	1437269	1964022
QCQC07	ATP synthase F0 complex subunit B1, mitochondrial OS-Mus musculus OX-10090 GN	436130.9372	406042.857	390750.7137	504324.9845	592665.2837	548373.4259	503533.477	588036.4383	476232.4925	392604.5	367138.1	328907.6	372537.8	917367.5	761345.4	223608	303745.4	295012.6
QJ3265	ATP synthase subunit alpha, mitochondrial OS-Mus musculus OX-10090 GN-Atp5f1a	15059589.09	18119399.85	18188660.61	17331695.1	1919724.697	17647726.88	18604836.16	19011531.01	21000032.52	16580780	14679930	15458514	3079386	3497843	2851986	11659851	10509541	17228463
P43006	Excitatory amino acid transporter 2 OS-Mus musculus OX-10090 GN-Scl12 PE-1 SV-	472439.786	966474.6915	819995.9373	66557.7207	1003154.376	824113.6534	343874.8755	556959.5385	253481.4006	681729.7	582013.8	179926.8	529632.8	647458.8	619985.3	404216.7	405321.7	406833.8
QD0051	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial OS-Mus muscu	17979187.9	16755440.52	1733211.219	16785096.26	1601335.85	1546370.95	17166958.01	16582318.36	16858614.47	17778669	164561674	16014322	3338270	33977106	29228418	11925209	11662406	11846677
P56599	RNA-binding protein FUS OS-Mus musculus OX-10090 GN-Fus PE-1 SV-1	3415990.47	4416948.452	3245587.037	4228339.103	3641797.74	3770331.994	392535.352	4752472.842	4300790.874	3752616	3521904	3505800	4346917	5512081	4642378	4010817	4819093	3758482
OB8569	Heterogeneous nuclear ribonucleoproteins A2/B1 OS-Mus musculus OX-10090 GN-H	5629269.867	4333224.189	4736007.248	6200038.708	5906637.65	5634171.629	6702453.86	7380193.701	6193675.105	5648675	4138215	3172363	6238404	5525638	10252133	2570478	2382927	2279508
QB8005	Heterogeneous nuclear ribonucleoprotein A3 OS-Mus musculus OX-10090 GN-Hmg	3081708.024	3517782.036	3619994.303	2503327.331	2590656.876	2972509.9	3264627.732	4293103.806	4358044.462	3144521	2904062	5850222	3800901	4342315	2042620	2154888	2311174	
Q9K48	Non-PDI domain-containing octamer-binding protein OS-Mus musculus OX-10090 G	195764.2826	164927.4925	147440.5138	254847.222	221934.5342	188844.2299	151668.1449	73848.9265	141819.9118	205460.3	152422.1	1297730.8	172522.5	117844.3	110607.6	88740.52	96564.63	105588.5
Q91VR2	ATP synthase subunit gamma, mitochondrial OS-Mus musculus OX-10090 GN-Atp5f	191342.7867	330312.6299	307364.6157	275234.0203	287245.6583	258203.051	325948.4273	265089.6893	283817.9646	235328.4	179606.0	274474.1	565454.9	617614.8	497881.8	100028.4	42638.16	17020.7
QD5616	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial OS-Mus muscu	54235.99818	71250.8972	66865.33013	86842.18069	72827.35365	56226.83628	48778.51457	48778.80949	110455.992	47862.85	62683.15	23482.23	93354.5	558473.2	93122.09	31709.44	38768.71	41324.19
QC8T08	Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial OS-Mus musculus OX-	1261581.029	1070077.043	1094148.921	1787308.908	1609509.449	1747855.323	1082110.525	1609691.156	1835139.505	1326959	1025346	1242538	2255762	2228671	2295522	1059484	959219.2	1182511
PE4104	Serine/arginine-rich splicing factor 3 OS-Mus musculus OX-10090 GN-Srsf3 PE-1 SV-	566799.802	446453.5386	448576.2647	390393.7239	4297267.2797	345255.2306	545655.8539	455167.2767	692880.3196	3791099.7	430974.5	308313.3	632440.1	579751.3	527785.3			145156.6
P54586	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial	9456896.121	7850582.212	7486904.805	9330215.726	9518103.406	8363808.754	8250267.407	8555161.949	9445839.593	7658421	7688179	7644660	1539074	1746704	2152804	4592000	5020024	5232219
<b>QB8081</b>	<b>Heterogeneous nuclear ribonucleoprotein L (Fragment) OS-Mus musculus OX-10090</b>	<b>523854.5458</b>	<b>746816.5445</b>	<b>380867.2159</b>	<b>574890.1822</b>	<b>541871.5016</b>	<b>339051.76991</b>	<b>595561.8226</b>	<b>443373.4079</b>	<b>1032459.488</b>	<b>234388.6</b>	<b>239754.8</b>	<b>132963</b>	<b>641061.8</b>	<b>575868.6</b>	<b>540732</b>	<b>155451</b>		<b>135704.5</b>
QD8115	395 ribosomal protein L12, mitochondrial OS-Mus musculus OX-10090 GN-Mrpl12 P1	73493.75185	135526.4005	104289.8514	61312.53873	46529.2536	339651.76991	595148.0132	445319.8832	93388.09193	88706.56	104335.5	86662.81	145116.8	745221.8	122769.8	29643.24	76903.06	50139.59
QC8X08	28S ribosomal protein S36, mitochondrial OS-Mus musculus OX-10090 GN-Mrps36 P	1043617.672	1203473.14	920022.1952	1256400.481	1240536.173	809999.6788	1534623.79	1844416.132	1901629.258	1420913	969621.1	2076667	3732965	3175423	2516418	719774.6	854448.5	1005367
P12787	Cytochrome c oxidase subunit 5A, mitochondrial OS-Mus musculus OX-10090 GN-Cc	1064542.119	1974600.269	730820.6257	449218.9681	4518930.089	561822.7625	1413379.975	1133615.278	1355862.649	454475	331650	890029.3	368878.5	497007.1	314262.3	225203.6	268977.3	230647.8
P46660	Alpha-interferon OS-Mus musculus OX-10090 GN-Ifn1 PE-1 SV-3	17900158.56	18414991.14	17907508.39	19240260.69	19577239.34	19576112.02	24654317.36	26411520.21	23418759.53	17302951	16254976	14845575	26498743	26544014	2753939	11289932	11839975	11559890
QB8M74	Dihydrodipyrrolyline-residue acetyltransferase component of pyruvate dehydrogenase	3762393.41	7739364.24	6503323.236	6363603.434	6243355.35	7567901.627	7642291.159	8106418.826	8748360.678	7574485	7462064	6472685	18417396	15383901	14213057	4622148	4997247	4545467
QB9VA2	Mitochondrial import inner membrane translocase subunit Tim8 A OS-Mus muscu	346069.4522	299491.4568	2610040.228	249494.1385	196991.6179	205182.6598	309811.9254	226491.7177	245700.365	2156513.5	2171274.3	303998.3	1536162.1	216555.6	144180.6	188773.8	189509.5	
P0B553	Neurofilament medium polypeptide OS-Mus musculus OX-10090 GN-Nefm PE-1 SV-	31880888.59	30130579.91	29683453.12	35942386.8	37826393.95	37101434.21	39940832.43	49324960.44	43026562.74	30429995	27342291	26438396	40506665	50667339	66628611	17841531	18977355	18298395
QB6932	Voltage-dependent anion-selective channel protein 1 OS-Mus musculus OX-10090 GN	1256869.788	1588163.773	1185812.099	1352175.705	1508475.801	1321796.399	1941267.857	1580724.402	2036684.769	1598872	1509467	1201141	2107933	2944593	1891839	4874466.7	757299.7	4627









Q55VU9	Isomorph 2 of Acetyl-CoA carboxylase 1 OS-Mus musculus OX-10090 GN-Acaca	46470.21	32472.34	124449.5	127646.3	34658.85	127232.3	21313.38	83220.2	72207.64	100653.3	30848.41	32993.34	33109.67
Q8BFU3	Isomorph 4 of RING finger protein 214 OS-Mus musculus OX-10090 GN-Rnf214	99432.8	99742.67	106542.4	68375.76	74045.1	72034.8	1226527	1320066	1100718	1253477	1485223	1616447	172630.5
P25955	NEDD8 OS-Mus musculus OX-10090 GN-Nedd8 PE-1 SV=2	160162	14675.16	1868497	339995	241620	471094	519034	277681.7	637967.2	674075.4	848385.9	177241.5	155231.3
Q5C100	Nucleolin OS-Mus musculus OX-10090 GN-Ncl PE-1 SV=2	79719.0	82647.5	74845.4	79356.6	20022.7	104049.8	100409	87402.1	116151.1	95439.6	94014.4	887160	79139.8
Q61206	Platelet-activating factor acetylhydrolase IB subunit beta OS-Mus musculus OX-10090 GN-PAF1B	10150690	890279	896677.7	1345429.1	1071510.7	10671586	744833.5	7996351	10227427	973137	10816616	6241671	1094841
Q9QXV7	Protein piccolo OS-Mus musculus OX-10090 GN-Picb PE-1 SV=4	63795.5	684311.3	659091.7	640716.4	539710.6	575297.7	464843.4	26855.5	24876.6	167623.4	424854.5	58051.9	668489.9
PE2823	Res-associated protein Rab-3C OS-Mus musculus OX-10090 GN-Rab3c PE-1 SV=1			181260	150893.1	182095	187215.5	154583.1	170176.8	173577.1	143175	159984.7	159353	165092.9
Q60996	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform 1	46660.94	25705.35	478163.9	52664.12	54401.34	51099.67	46496.16	16399.21	51211.05	50816.39	48703.99	58961.46	52842.03
Q54988	STE-6 like serine/threonine kinase OS-Mus musculus OX-10090 GN-Ste6 PE-1 SV=1	93465.54	102917.5	112697.1	216967.1	127466.2	12628.6	32047.8	46031.9	43771.51	83351	29714.9	25734.58	9927.64
Q9CR86	Tubulin polymerization-promoting protein family member 3 OS-Mus musculus OX-10090 GN-Tp3	11660094	9007278	10029263	1331344.1	1182984.8	1219121.4	1045070	1110474	989865	1143682	12161567	13469599	14292926
Q7W189	Ubiquitin domain-containing protein UBFD1 OS-Mus musculus OX-10090 GN-Ubd1	187895.4	871662.2	163515.6	830030.1	185601.4	304042.4	1167793	1092428	377054.9	1066508	958045.2	1490511	899945.5
Q7Q103	Ubiquitin thioesterase OTUB1 OS-Mus musculus OX-10090 GN-Otub1 PE-1 SV=2	18004399	18083352	15229390	18674532	17990914	18224228	20471217	20235328	18912647	2278312	21966719	21377710	16855565
Q9CDV8	14-3-3 protein beta/alpha OS-Mus musculus OX-10090 GN-Ywhab PE-1 SV=2	32647744	33573459	3787551	5706664	4667138	4629317	39471920	31140738	3708830	39311664	43282591	39730392	42716175
Q68510	14-3-3 protein epsilon OS-Mus musculus OX-10090 GN-Ywhaf PE-1 SV=2	47155473	49933814	46327604	91537318	52699223	56144996	6100262	48333004	6470912	58100548	7973231	61911440	54075119
Q68254	14-3-3 protein theta (Fragment) OS-Mus musculus OX-10090 GN-Ywhag PE-1 SV=1	30257684	30813454	28112424	35082939	30351848	3339025	29671388	29591852	27556677	29598224	29533978	33506096	30547692
Q9P144	265 proteasome non-ATPase regulatory subunit 6 OS-Mus musculus OX-10090 GN-P	887969	869485.6	602717.3	791007.9	762275.2	866474.1	942525.1	837880.4	891012.7	799443.8	913723	815260.8	708556.2
Q53841	Apoptosis inhibitor 5 OS-Mus musculus OX-10090 GN-Aip5 PE-1 SV=1	1563793	1649825	157446	1246632	1114075	126885	1210301	1323843	1601465	1493930	1104648	1350696	1331163
Q62048	ATPase cytosolic protein PEA-15 OS-Mus musculus OX-10090 GN-Pea15 PE-1 SV=1	8232180	9578059	6499995	9171172	8392733	8300965	9756126	10373975	9975960	8866171	9515558	9427710	10077780
Q10055	Calcium/calmodulin-dependent 2' 5' cyclic nucleotide phosphodiesterase IB OS-Mus musculus	93465.54	880223.8	448033.9	1009549	897062.1	825677	62442.6	60326.7	279160.9	739097.8	783853.2	215626.2	42075.2
PE6781	Casem kinase II subunit beta OS-Mus musculus OX-10090 GN-Cnk2b PE-1 SV=1	17476.3	97243.0	100694.7	206273.3	244413.7	176668.2	3627.537	96990.44	152055	169322.9	87602.34	94975.9	164786.7
P21398	Chromobox protein homolog 3 OS-Mus musculus OX-10090 GN-Cbx3 PE-1 SV=2	443180.3	395507.2	473004.6	410031.4	454796	534006.1	2663.16	135446.2	468513.7	407444.4	4099128	443058.6	62314.5
Q88544	COP9 signalosome complex subunit 4 OS-Mus musculus OX-10090 GN-Cops4 PE-1 SV=1	7174910	6332667	5140538	5203435	5563854	5718992	6029120	6195870	6452529	7903836	6642583	8349038	5802409
Q83939	CTD-interacting protein 13-beta OS-Mus musculus OX-10090 GN-Ctip2 PE-1 SV=1	114580.6	137160.1	1377075	2509725	128040.1	1045222	99855.08	114153.3	96546.43	142050.7	108717.4	58832.1	140153.9
Q97943	Dual-specificity protein phosphatase 1 OS-Mus musculus OX-10090 GN-Dpp1 PE-1 SV=1	1061141	122917.6	1123427	801522.6	127466.2	171270	107392	1331168	96317.2	1216069	1044098	1300423	1130721
Q9Y062	Expressed sequence A183781 OS-Mus musculus OX-10090 GN-A183781 PE-1 SV=1	29096.2	261493.5	722106.5	245830.3	890658.1	94330.6	43271.6	832074.9	591354.3	676194	366433.1	697751.5	719893.2
Q9Q140	Glyceraldehyde-3-phosphate dehydrogenase 1 OS-Mus musculus OX-10090 GN-G3p PE-1 SV=3	948227.3	566315.4	1082850.4	445055.9	479659.9	373204	340052.6	40474.76	441802.6	382672.1	331996.8	146376.4	968703.5
Q9DCZ1	GMP reductase 1 OS-Mus musculus OX-10090 GN-GmpR PE-1 SV=1	3225617	2725336	2641415	2000067	2323656	3281354	665861.1	527741.1	291140	629610.8	474782.1	353210.7	3178805
Q7D921	Heat shock protein HSP 90-alpha OS-Mus musculus OX-10090 GN-Hsp90aa1 PE-1 SV=2	2.41E+08	2.55E+08	2.48E+08	2.6E+08	2.33E+08	2.54E+08	2.17E+08	2.08E+08	2.10E+08	2.39E+08	2.75E+08	2.32E+08	2.53E+08
Q97943	Heat shock protein HSP 90-beta OS-Mus musculus OX-10090 GN-Hsp90bb1 PE-1 SV=2	2.41E+08	2.55E+08	2.48E+08	2.6E+08	2.33E+08	2.54E+08	2.17E+08	2.08E+08	2.10E+08	2.39E+08	2.75E+08	2.32E+08	2.53E+08
Q97943	Heat shock protein HSP 90-gamma OS-Mus musculus OX-10090 GN-Hsp90gc1 PE-1 SV=2	2.41E+08	2.55E+08	2.48E+08	2.6E+08	2.33E+08	2.54E+08	2.17E+08	2.08E+08	2.10E+08	2.39E+08	2.75E+08	2.32E+08	2.53E+08
Q8R001	Microtubule-associated protein 9B/EF family member 2 OS-Mus musculus OX-10090 GN-MAP2B	7930664	7212234	7091659	9232433	7605158	7961391	6895545	5319884	6782352	6151819	6659291	7446519	7443571
Q9D997	N-acetyl-D-glucosaminase kinase OS-Mus musculus OX-10090 GN-NagK PE-1 SV=1	2678783.3	198883	2260488	3944268	3076282	366537.9	352422.4	256920.2	323624.4	424699.2	431068.9	350035.5	381515.9
Q69220	Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein OS-Mus musculus	101060.6	105842.4	148406.1	119630.6	111737.8	148196	10280.26	58405.97	16688.68	86500.92	34230.86	50935.77	97182.66
P27612	Phospholipase A2-activating protein OS-Mus musculus OX-10090 GN-Paa PE-1 SV=1	289873.8	288847.5	137640.7	358601.2	230738.2	357168.6	219390.4	203404.6	653869.2	545990.8	512407.5	451544.5	207438.7
Q9E770	Programmed cell death protein 10 OS-Mus musculus OX-10090 GN-Pcd10 PE-1 SV=1	366218.1	348126.2	34018.9	301012.5	32444.3	40540.2	32047.8	36499.8	36499.8	36499.8	36499.8	36499.8	36499.8
P12815	Programmed cell death protein 6 OS-Mus musculus OX-10090 GN-Pcd6 PE-1 SV=2	938261.1	762861.1	796591.6	767727.3	984710.7	897960.2	1665365	1917453	2040772	1710968	1584611	1555285	694975.3
Q63011	Res-associated protein Rab-3A OS-Mus musculus OX-10090 GN-Rab3a PE-1 SV=1	1185211.2	1051656.4	11146984	8631232	11284110	11392409	10918860	12521323	11967020	9923241	8963465	10265543	9699002
P53279	Res-associated protein Rab-6A OS-Mus musculus OX-10090 GN-Rab6a PE-1 SV=4	85308.6	1924964	1201925	2074997	1979361	2111792	490005.3	1484371	1631712	1342564	2298830	1060587	168294
Q9P970	Rho GTPase-activating protein 5 OS-Mus musculus OX-10090 GN-Rag5 PE-1 SV=1	141400.2	143203.5	124771.7	127993.3	171210.6	182826.6	123896.1	118877.8	150047	155159	156841.4	138017	130046.5
Q9L189	Serine/threonine-protein kinase mTOR OS-Mus musculus OX-10090 GN-Mtor PE-1 SV=1	750141	22917.6	290184.6	75512.52	44118.41	35468.15	11855.75	17652.38	123561.6	149483.1	57291.91	82045.46	38090.02
Q9C194	Serine/threonine-protein kinase PAK-2 OS-Mus musculus OX-10090 GN-Pak2 PE-1 SV=1	1214586	1213357	1305270	759707.5	1429640	1242596	1599358	1258917	1141880	943274.1	774594.2	1190213	1713259
Q9B088	Synaptic vesicle membrane protein VAMP-1 homolog-like OS-Mus musculus OX-10090 GN-SV2	5796363	6179209	4942436	7623534	6381479	5095505	6057204	6120435	6147484	7098177	6050990	5177839	5400169
Q9C145	Thimet oligopeptidase OS-Mus musculus OX-10090 GN-Thop1 PE-1 SV=1	2342324	3232432	3092518	3621885	3142202	2392166	5700337	5594107	2604511	2860952	4236910	3620491	330347.1
Q9J8K1	Ubiquitin carboxyl-terminal hydrolase isozyme L3 OS-Mus musculus OX-10090 GN-Ubl3	2285842	2383376	2188645	2949223	3397902	2850010	3010038	3569308	2972759	4154764	3214377	2397429	3457281
Q9B774	Ubiquitin-conjugating enzyme E2 L3 OS-Mus musculus OX-10090 GN-Ube2L3 PE-1 SV=1	366218.1	348126.2	34018.9	301012.5	32444.3	40540.2	32047.8	36499.8	36499.8	36499.8	36499.8	36499.8	36499.8
Q9C7R4	Ubiquitin-like modifier-activating enzyme 6 OS-Mus musculus OX-10090 GN-Uba6 PE-1 SV=1	212877.4	241936.2	247163.3	237727.3	259217.3	256613.2	46267.8	446710.3	515475.7	170728.1	470199.9	580458.2	291872.3
Q9B171	Ubiquitin-protein thioesterase 2 OS-Mus musculus OX-10090 GN-Ubp2 PE-1 SV=1	1701218	1234447	1715926	2399423	2191447	2160493	1024573	1119119	1493742	1526931	1634216	1040497	1981455
PE1750	ADP-ribosylation factor 4 OS-Mus musculus OX-10090 GN-Arf4 PE-1 SV=2	408554.7	358053.5	288571	5483072	4076620	404232.9	348886.4	389871.6	447800.5	351291.7	386343	364358.2	330347.1
Q9WQD3	Akinase inhibitor protein 12 OS-Mus musculus OX-10090 GN-Akip12 PE-1 SV=1	839608.3	1030806	1219909	2999470	1055620	825769.7	897777.1	798783	964056.3	430521.3	745181.6	175602.2	1256012
Q9B774	AMP deaminase OS-Mus musculus OX-10090 GN-Amdp1 PE-1 SV=1	185981.9	156375.9	149912.1	65948.98	30792	149026.5	204105.7	161443.4	235779.8	167187	299881.3	215374.4	195106.3
Q7Y107	Amphiphysin OS-Mus musculus OX-10090 GN-Amph PE-1 SV=1	25919490	24852146	24283541	2615777.5	2753206	29081299	29509198	2725157	26841684	24726721	22129567	25381588	24797194
Q90706	Annexin OS-Mus musculus OX-10090 GN-Anxa7 PE-1 SV=1	2510387	2281830	2132699	2300055	2125247	2244557	1954810	1984406	1915921	1862657	1823718	2391333	2398786
P35585	AP-1 complex subunit mu-1 OS-Mus musculus OX-10090 GN-Ap1mu1 PE-1 SV=1	2652019	2433653	2407996	2356868	2224213	2021719	19887120	2227658	2211248	1902715	2123658	2906750	2617556
Q9J123	Beta synuclein OS-Mus musculus OX-10090 GN-Sncb PE-1 SV=1	47355169	41793368	44207105										

Q82172	Small ubiquitin-related modifier 3 OS-Mus musculus OX-10090 GN-Sumo3 P=1 SV=	226514.1	123962.2	242564	464754.3	380098.9	365399.9	259140.8	201991.1	192757.8	285940	432353.3	569108.8
Q91V26	Synomal membrane-associated protein 1 OS-Mus musculus OX-10090 GN-Smap1 PE=1 SV=	2021267	1219886	1933821	1991998	2129917	2188293	993888.6	1256780	1039113	1060200	1057192	1042735
P54787	Strontium and cobalt organizing domain 2 homolog OS-Mus musculus OX-10090 GN-Tango2	1052020.9	1602424.4	2053885.1	2041381.6	1619196.4	248880.9	377555.7	270865.5	234331.9	1244988.7	2227488.3	250279.9
P17753	Tropoelastin phosphatase OS-Mus musculus OX-10090 GN-Tp1 PE=1 SV=4	1138408.0	1108226.0	1138408.0	1138408.0	1138408.0	1138408.0	1138408.0	1138408.0	1138408.0	1138408.0	1138408.0	1138408.0
Q8R5H1	Ubiquitin carboxyl-terminal hydrolase 15 OS-Mus musculus OX-10090 GN-Uhlp15 PE=	184918.4	140045.1	100495.8	87565.3	120853.7	73239.08	86747.1	70768.54	379074.5	143663.1	401496.5	499600.7
Q80759	Ubiquitin-protein ligase E3A OS-Mus musculus OX-10090 GN-Ube3a PE=1 SV=2	1627414.4	239374.7	163051.4	100515.5	123057.3	128033.3	89623.33	427853.3	467249.7	52968.41	645588.258	262225.7
P22329	14-3-3 protein epsilon OS-Mus musculus OX-10090 GN-whaep PE=1 SV=1	1.82E+08	1.96E+08	1.71E+08	2.6E+08	1.84E+08	1.93E+08	2.01E+08	2.25E+08	2.28E+08	2.21E+08	2.36E+08	2.23E+08
P59999	Actin-related protein 2/3 complex subunit 4 OS-Mus musculus OX-10090 GN-Arpd4 P=1 SV=1	6575137	6409849	6059800	9688847	6433122	6804339	5362559	5966009	6784436	6213258	6051192	5116007
Q70318	Band 4.1-like protein 2 OS-Mus musculus OX-10090 GN-Tp1 PE=1 SV=4	1.13E+08	1.13E+08	1.13E+08	1.13E+08	1.13E+08	1.13E+08	1.13E+08	1.13E+08	1.13E+08	1.13E+08	1.13E+08	1.13E+08
EP9Z08	Ceruloplasmin OS-Mus musculus OX-10090 GN-Cp PE=1 SV=1	796055.3	1000907	679031	89595.07	55224.84	40350.41	349788.5	426421.9	391498.6	285346.8	269829.4	384220.2
P61202	COP9 signalosome complex subunit 2 OS-Mus musculus OX-10090 GN-Cops2 PE=1 S	4262606	4526663	3793235	4154132	4112275	4403016	3451145	3396556	4423815	3718201	3544260	3883309
Q82140	Copine-6 OS-Mus musculus OX-10090 GN-Cpne6 PE=1 SV=1	1461809	1781283	1303138	1254216	1527271	1299752	1664528	1575013	1301349	1021682	1337851	1815178
Q9VW76	Cullin-1 OS-Mus musculus OX-10090 GN-Cul1 PE=1 SV=1	1468589	1617995	1502172	2058195	1317182	1944858	1753684	1997796	1792860	1545179	1214941	1214941
Q8Q273	DCN1-like protein 1 OS-Mus musculus OX-10090 GN-Dcnl1 PE=2 SV=1	177093.5	372762.3	434162.9	4088821.7	129647.5	153999.6	312809.6	41722.02	43258.1	371744.1	362010.8	346461.2
Q5E8I4	Ermin OS-Mus musculus OX-10090 GN-Ermn PE=1 SV=1	1588847	2614703	1453930	3979125	2989213	2765562	2562413	2811141	3162331	2356320	2905933	3013026
P51880	Fatty acid-binding protein, brain OS-Mus musculus OX-10090 GN-Fabp7 PE=1 SV=1	4791871	3968550	4364731	5043365	5361075	5625231	4997605	5359382	4922583	3374228	2612576	3184082
Q8CR41	Huntingtin-interacting protein K OS-Mus musculus OX-10090 GN-Hykp PE=1 SV=2	97976.43	104681	66962.01	61824.96	98802.11	82157.18	310162.7	262569.9	304403.7	264622.7	234670.2	258698.2
Q93949	Importin subunit alpha-3 OS-Mus musculus OX-10090 GN-Importa3 PE=1 SV=1	223460.5	278212.3	207100.2	197257.3	192115	228096	324973.3	238892.1	404794.4	369237.9	345333.6	218678.6
Q9E918	Importin-7 OS-Mus musculus OX-10090 GN-Import7 PE=1 SV=2	3692806	3640318	3254112	3341244	297415.5	37042.20	35462.9	3454829	3407409	3906611	3902098	4089819
Q8CZ04	Isomorph 2 of COP9 signalosome complex subunit 7a OS-Mus musculus OX-10090 GN=	7026989	5922882	6502438	6987755	7007037	7048883	5322867	5641958	5241146	5301534	4316147	5233237
Q8C078	Isomorph 5 of Calcium/calmodulin-dependent protein kinase kinase 2 OS-Mus musculus	158672.1	81353.05	450492.1	113181.5	98838.96	216133	148564.84	98101.77	43595.86	102797	44638.82	145991.4
P28738	Kinesin heavy chain isoform CS OS-Mus musculus OX-10090 GN-Kifc PE=1 SV=3	7251237	9435816	7776351	12351139	9045699	9867951	7741466	8867862	8054462	8012338	9086660	10031305
P70202	Latein OS-Mus musculus OX-10090 GN-Latein PE=1 SV=2	4866331	4775521	4522615	4687789	5067680	5099405	5248336	5729250	5384586	5900885	5189257	4784836
Q19514	NCK-interacting protein with SH3 domain OS-Mus musculus OX-10090 GN-Nckip3 P=	112257.7	181674.6	278027.3	238670.1	48022.74	25099.04	240215	222516.2	132005.4	302399.9	220078.8	219683.3
Q8RHW2	Organic solute carrier protein 1 isoform OS-Mus musculus OX-10090 GN-Osclp1 PE=1	150794.5	200287.4	54391.30	33811.03	61784.7	51743.1	156333.3	299876	285230.3	227648.5	156333.4	220571.1
P53810	Phosphatidylinositol transfer protein alpha isoform OS-Mus musculus OX-10090 GN=	16029308	14480667	13118790	15653449	14538765	14466963	16063164	15593110	16438817	1647312	19915314	1505378
Q9JWV2	Profilin-2 OS-Mus musculus OX-10090 GN-Pfn2 PE=1 SV=3	16624626	1158991	16404304	17355635	16412885	18724355	17228651	17161711	15846766	17387099	16812425	17454276
AP9722	Proteinase subunit alpha type-2 OS-Mus musculus OX-10090 GN-Psma2 PE=1 SV=3	3644634	4158294	3605139	4104065	3400676	4174833	3063754	2617558	3794861	3001476	2875495	2371323
Q93949	Protein phosphatase inhibitor 2 OS-Mus musculus OX-10090 GN-Ppi2 PE=1 SV=1	2841436	2981648	2292641	3711719	3054178	3015991	2021961	2096861	202024	1447138	3177334	3177334
Q8Q394	Protein RUFY3 OS-Mus musculus OX-10090 GN-Rufy3 PE=1 SV=1	7686078	8197675	6922048	10113600	9601284	8976211	6497427	8385999	9230933	7979770	7327231	8490451
EC0Y30	Protein-L-isoaspartate O-methyltransferase OS-Mus musculus OX-10090 GN-Pmt1 F	7364014	7199571	6822596	7000660	8324455	6587283	6551064	7015871	6672527	6354779	5960507	9855091
Q9JXFO	Pyridoxine 5'-phosphate oxidase OS-Mus musculus OX-10090 GN-Ppox PE=1 SV=1	2336158	2596517	5289129	6177499	6393009	6379303	5373980	6129578	5899888	4761405	4945518	5313310
Q8CTD0	Ran-binding protein 2 OS-Mus musculus OX-10090 GN-Ranbp3 PE=1 SV=2	339057.8	402030.4	493117.6	4747995	1485775	437315.5	375363.1	395414	156692.6	551285.1	1498987.8	64868.6
Q70318	Ribonucleoside diphosphate reductase 1 OS-Mus musculus OX-10090 GN-Rd1P	4838266	2836660	3620548	2180737	2707161	3184388	2720676	2666154	2086156	157867	272117	2209586
P62141	Serine/threonine-protein phosphatase P11 beta catalytic subunit OS-Mus musculus	1893930	1728011	2180771	1727493	1927619	2240835	694762.2	248553.2	1074113	1132961	1339695	1426576
Q50560	Thioureine S-methyltransferase OS-Mus musculus OX-10090 GN-Tpmt PE=1 SV=1	150083.1	148200.4	76068.47	167094.2	137581.4	135514.5	122063.6	50381.51	151005.9	45428.69	240210.2	139025.5
Q9Q206	Toll-interacting protein OS-Mus musculus OX-10090 GN-Tollip PE=1 SV=1	2364226	300679	3011439	2044238	3165910	2866328	2669420	3001160	2900169	2680993	2056643	233142
P61961	Ubiquitin-fold modifier 1 OS-Mus musculus OX-10090 GN-Ufm1 PE=1 SV=1	909222.9	553046	772244.8	7798258	1187570	1051753	816920.2	522679.7	888979	71589.2	699383.3	650993.4
Q9P514	UDP-glucose glycoyltransferase 1 OS-Mus musculus OX-10090 GN-Ugt1	4521816	422816.6	469858.2	240664.0	794010.1	569911	1441919.9	800795.9	19474.7	230245.9	70206.8	660564.3
P97765	WW domain-binding protein 2 OS-Mus musculus OX-10090 GN-Wbp2 PE=1 SV=1	2158613	1592725	1279676	3121881	2856868	2308476	3363313	3489602	4044563	3311948	2935382	2935999
P61892	14-3-3 protein gamma OS-Mus musculus OX-10090 GN-whag PE=1 SV=1	56694017	57722051	61773021	65590400	70566608	74566055	48490990	48047370	51123402	52475892	57035297	69370014
P63101	14-3-3 protein zeta/delta OS-Mus musculus OX-10090 GN-whaz PE=1 SV=1	1.08E+08	1.19E+08	1.13E+08	1.64E+08	1.12E+08	1.14E+08	1.18E+08	1.2E+08	1.26E+08	1.25E+08	1.34E+08	1.21E+08
Q8CR87	AP-1 complex subunit gamma OS-Mus musculus OX-10090 GN-Ap1g1 PE=1 SV=1	1728671	1333156	1383160	1225829	1335877	1350774	1312206	1334998	1504813	1398628	1540312	1256759
EP9Y15	ARF-GAP with dual PH domains 1 OS-Mus musculus OX-10090 GN-Adg1 PE=1 SV=1	2897156	2836660	3620548	2180737	2707161	3184388	2720676	2666154	2086156	157867	272117	2209586
Q61024	Asparagine synthetase [glutamine:hydrolyzing] OS-Mus musculus OX-10090 GN-Asn	248212.5	264497.6	240916.3	327570.7	335568.1	334708.3	307314.2	417621.6	284206.8	367057.1	326543	343565.3
Q40447	Creatine kinase B-type OS-Mus musculus OX-10090 GN-Ckb PE=1 SV=1	9.67E+08	1.07E+09	8.81E+08	8.3E+08	9.72E+08	9.78E+08	9.54E+08	9.54E+08	8.99E+08	8.75E+08	9.17E+08	9.08E+08
Q8VDC1	Deaminated glutathione amidase OS-Mus musculus OX-10090 GN-N11 PE=1 SV=2	787296.6	712436.1	508485.0	553441.3	508579.3	649471.3	719428	641815.9	363429.3	423348.8	427688.3	369718.5
Q80553	Dihydroxyindoleamine-related protein 2 OS-Mus musculus OX-10090 GN-Dhrrp2 PE=1	5.43E+08	5.01E+08	4.83E+08	5.06E+08	4.78E+08	5.75E+08	4.75E+08	5.13E+08	5.25E+08	4.82E+08	5.58E+08	5.3E+08
EP9Y15	EH domain-containing protein 1 OS-Mus musculus OX-10090 GN-Eh1 PE=1 SV=1	4382829	3219188	2562415	3300459	3345283	362114	1156806	9204853	2938357	3513799	3228864	2837160
Q93995	Gli fibrillary acidic protein OS-Mus musculus OX-10090 GN-Gfap PE=1 SV=4	1515889	970176.3	1343618	259992	368861.6	189171.8	1004470	448130.9	294625.1	37040.84	17742.36	28788.29
Q9R111	Guanine deaminase OS-Mus musculus OX-10090 GN-Gda PE=1 SV=1	1418384	2266546	1561274	1892959	1452571	2884528	1620861	1816335	2235787	2824267	1699776	1398280
Q3JM34	Hepatocyte growth factor-regulated tyrosine kinase substrate OS-Mus musculus OX=	786562.8	1368294	727215.6	140405	1284319	877902.9	1504491	1551930	1887673	1995838	2062451	2044660
Q8VW99	Isomorph-related GTPase family Q protein OS-Mus musculus OX-10090 GN-Irrgq PE=	35749	362886.3	344348.8	3191453	257079.5	369597.5	322156.2	316273.7	367181.5	260694.9	255252.1	300078.7
P51880	Isochorismate mutase OS-Mus musculus OX-10090 GN-Icm1 PE=1 SV=1	2158824	2158824	2158824	2158824	2158824	2158824	2158824	2158824	2158824	2158824	2158824	2158824
P50307	Isomorph 2 of Serine/threonine-protein phosphatase P11-gamma catalytic subunit OS=	2872020	2193977	2888139	2453138	2045575	2367108	3152384	3144420	3114943	2484871	2618323	3324376
P10637	Isomorph Tau-A of Microtubule-associated protein tau OS-Mus musculus OX-10090 GN=	3034645	3004402	2349132	2515510	2091497	2995390	2828779	2909498	2414441	2574564	1995024	2032815
Q7M703	Phosphatidylinositol-binding clathrin assembly protein OS-Mus musculus OX-10090	98387.99	45603.31	1306688	829056.2	260938.2	193962.2	195229	251580.2	429011.2	214735	293286.9	247550.9
Q81990	Poly(C)-binding protein OS-Mus musculus OX-10090 GN-Pcbp1 PE=1 SV=1	2760821	2280088										

PC2301	Leu proteasome protein 513 OS-Mus musculus OX-10090 GN-Rps13 PE-1 SV=2	1229001	1161479	1148850	74027.05	80298.72	81547.52	17459.66	18259.59	190209.4	147500.1	123050.5	133312.2	698143.7	61775.8	447647.8			
Q3JH61	5'-nucleotidase domain-containing protein 3 OS-Mus musculus OX-10090 GN-Nt5cd	222900	207049.7		57523.23	159839.3	191111.6	27239.7	238319.5	121829.4	161882.1	253293.8	129203.9	33877.26	160371.1	30005.2	30185.7		
Q5Z282	Aspartate--RNA ligase, cytoplasmic OS-Mus musculus OX-10090 GN-Dars PE-1 SV=2	2154798	3063394	2666400	24411.31	1657859	1967694	259950.3	2170031	2566567	3628127	1849490	2245809	3450499	1916139	3018014	2027206	2110196	
1205257	Desmoglein-1 OS-Mus musculus OX-10090 GN-Des1 PE-1 SV=1	1221566	1221566		1221566.0	1221566.0	1221566.0	1221566.0	1221566.0	1221566.0	1221566.0	1221566.0	1221566.0	1221566.0	1221566.0	1221566.0	1221566.0	1221566.0	1221566.0
QB8P77	Enkuffin and cell motility protein 1 OS-Mus musculus OX-10090 GN-Elmo1 PE-1 SV=1	125479.2	113558.2		98511.41	91013.09	99944.14	91369.19	189158.2	142066.8	124382.6	137379.6	112993.7	78704.88	107722.4	92352.34	96662.73	92022.29	67107.26
P23116	Eukaryotic translation initiation factor 3 subunit A OS-Mus musculus OX-10090 GN-E	773721.6	679141.3	511625.8	380064.5	417104.7	306416.3	315115.1	307988.7	461755.6	290314.8	163711.5	316937.2	403542.9	431466.9	237847.7	246505.4	516715.5	
DZ567	Carboxylic ester hydrolase OS-Mus musculus OX-10090 GN-Ces1b PE-1 SV=1	651387.7	790358.5	484898.7	229380.8	160525.5	157240.9	1430462	1458157	1521423	763505.5	801053.6	848829	309615.1	318176.8	276451.2			
GA065	Centrosomal protein of 170 kDa OS-Mus musculus OX-10090 GN-Cep170 PE-1 SV=1	222729.2	194202.2	233994.1			187119.9	26340.76	136939.7	629530.9	139275.4	42704.76	152789.9	183228.7	753723.3	105286.3	2928.26	16406.24	
Q11950	Cold shock domain-containing protein 1 OS-Mus musculus OX-10090 GN-Csd1 PE-1 SV=1	104446.6	79155.65	118784.4	180120.25	180924.5	202733.8	95130.82	12871.62	62772.65	28620.62	66551.98	212170.6	113648.9	127029.3	3345.41	127054.14	132120.6	
Q9DCW4	Electron transfer flavoprotein subunit beta OS-Mus musculus OX-10090 GN-EtfB PE-	8328030	752277.2	833921.1	742657.2	901207.0	815811.2	648562.3	847434.5	828992.8	706646.5	790220.3	7347349.7	7571610	972886	78334	801494	8709510	8957340
QB8W8	Filamin-A OS-Mus musculus OX-10090 GN-Flna PE-1 SV=5	887985.1	806952.9	787581.3	788842.7	782580.7	767555.9	845000.5	730312.6	514670.2	620725.2	179174.1	164402.6	657998.5	851660.8	795934	1043401	591886.5	449374.7
Q5C0N1	Heat shock protein 75 kDa, mitochondrial OS-Mus musculus OX-10090 GN-Hsp75 PE-	47446.08	169273.3	23548.08	204264.6	120529.1	265977.3	83131.2	108232.8	203511.1	142272.3	35300.24	89475.79	88943.7	146015.3	47145.38	22461.1	19941.15	
P14602	Heat shock protein beta-1 OS-Mus musculus OX-10090 GN-HspB1 PE-1 SV=1	487967.9	454875.7	516036.1	209856.6	343259.9	381899.2	363096.2	354939.9	350297.5	328877.7	379196.8	111166.4	494914.1	63561.3	527787.5	540515.8	62335.9	261279.4
Q177493	Heterogeneous nuclear ribonucleoprotein Q OS-Mus musculus OX-10090 GN-HnRNPQ	440749.9	767453.9	662065.6	245758.8	625291.7	314067.8	36509.7	360336.7	421860.5	232078.2	678186.7	586948.9	74755.1	72045.1	697376	718150.2	21712.6	67418.8
P09405	Nucleolin OS-Mus musculus OX-10090 GN-Ncl PE-1 SV=2	9695466	10925181	9738566	6422934	6714245	6617526	6852742	6865282	5641196	635252	6763793	8689715	7997970	7793974	6495557	5466332	6281101	
<b>QB8H04</b>	Phenolphosphorylase carboxylase [GTP], mitochondrial OS-Mus musculus OX-100	144589.8	171902.6	130064.1		90710.47	173108	205120.3	193166.7	168659.9	335493.9	285456.2	187035.1		139084.9				
Q6Z277	Synaptophycin OS-Mus musculus OX-10090 GN-Syp PE-1 SV=2	4601628	5893098	4809164	4044594	3457804	3996910	3691124	3857642	4131182	3634720	3494550	3592224	4130043	4364701	4354504	4943818	4940784	5081894
QF9R00	Syntaxin-13 OS-Mus musculus OX-10090 GN-Sxt12 PE-1 SV=1	432490.7	369763.6	463082	240607.6	447436.1	328086.4	319550.3	3406739.7	397272.8	283399.7	220099.5		47202.5	331048.9	809696.1	281195.1	401682.9	376091.0
<b>QB8M4</b>	Vesicle-associated membrane protein 2 OS-Mus musculus OX-10090 GN-Vamp2 PE-	2630774	2618776	268375	1691499	1905629	1848473	1573291	1519438	1740298	1112041	1316969	1400796	2112706	2140711	1848702	2510243	2648054	2216122
P53082	V-type proton ATPase 16 kDa proteolipid subunit OS-Mus musculus OX-10090 GN-A	556015.2	510782.3	741226.2	409510.3	483383.3	386522.2	296531.9	312179.4	391180.3	312927.1	355744.6	196278.8	392607.6	438021.1	3881429	4026883	381547.7	287007.8
QD8D83	Charged multivesicular body protein 4b OS-Mus musculus OX-10090 GN-Chmp4b PE-	1576233	1296264	1312625	1057660	1167380	1717550	1500262	1176277	1292938	1154380	1365435	1393516	1960119	2130544	2407851	1486873	1458707	1785260
P26897	Cytochrome c, somatic OS-Mus musculus OX-10090 GN-Cytc PE-1 SV=2	64998119	62028995	50072567	7241162	8200260	7627342	6180556	69365752	60352219	61552385	62609791	69593291	72752817	68364076	68312943	67901854	6726781	
P13054	Histone H2B type 1-M OS-Mus musculus OX-10090 GN-H2b1 PE-1 SV=2	1337366	1276256	7688913.1	627448	6400319.1	717836.6	1242647	2160099	1177984	1824433	283399.7	152789.9	702454.4	759944.6	340888.1	570881.26	59827	
Q8C0C3	Leu proteasome, mitochondrial OS-Mus musculus OX-10090 GN-Lcp1 PE-1 SV=1	2533806	5166609	451766.9	2146021	1893244	219876	25199.3	2193445	1623288	1380738	1750875	2472079	3616009	419097	234038	2388467	1560142	
Q7S152	Microtubule-associated protein 6 OS-Mus musculus OX-10090 GN-Map6 PE-1 SV=2	52588040	55480180	50855860	58552409	55152248	6278563	6178802	64905971	63490513	4989629	47521054	57162437	6428535	7028723	73467241	3451995	29665810	29782959
QX8R0	Receptor expression-enhancing protein OS-Mus musculus OX-10090 GN-Reep5 PE-1	1130117	1164749	2388045	866983	753105.2	320542.3	836761.6	827618.8	1084514	176943.3	974951.6	994666.6	969083.6	1145257	1297864	1001355	948271.9	883027.1
QB8H0	Vesicle-associated membrane protein, associated protein B and C OS-Mus musculus	2005836	2102215	2083604	1567550	1862956	1530336	3510598	2840395	4070771	1759361	1653239	3460004	2531480	2886715	2188263	3600004	4487820	2200030
<b>Q9Z64</b>	V-type proton ATPase subunit 1 OS-Mus musculus OX-10090 GN-Atp6a1 PE-1 SV=1	5064848	5324776	5252384	4312359	3919108	3270676	4059292	4584884	5347656	3516554	3540364	2718279	4784451	4029851	3864818	5500493	1489287	3617727
Q9Z65	V-type proton ATPase subunit 2 OS-Mus musculus OX-10090 GN-Atp6a2 PE-1 SV=1	2907828	2774833	2982785	2862786	2862786	1849531	365097	360336.7	421860.5	232078.2	2286965	2264657	7439933	2247027	2242122	2161502	2861529	1916712
Q9DC11	1,5-anhydro-D-fructose reductase OS-Mus musculus OX-10090 GN-Afr1e2 PE-1 SV=	546983.2	449351.8	526030.8	979769.1	184205.3	306447.3	819531.3	465934.6	270409.4	286257.4	228254.2	127912.2	312927.6	426793.7	544201.3	300918.8	320653.2	
Q8DQ90	Filamin-B OS-Mus musculus OX-10090 GN-Flnb PE-1 SV=1	68484.97	82954.16	76644.27	73969.3	78355.46	89342.53	107609.5	30855.58	22907.67		31261.26	8884.75	88955.24	82851.32	65929.43	29748.14	78318.96	72090.01
Q6G557	Histone H2A type 2-A OS-Mus musculus OX-10090 GN-H2a2 PE-1 SV=1	1124240.7	249232.6	352144.4	240812.2	248494.5	2038676.3	617880.2	71380.3	354873.7	625007	252007	254800.7	300206.4	290860.4	298961.5	289616.1	401184.2	226951
A24650	MAP7 domain-containing protein 2 OS-Mus musculus OX-10090 GN-Map7d2 PE-1 SV=	2186661.3	2456755	2158833	2446652	2872338	1518669	1782740	1288571	1157881	1126072	1131306	981166	1562128	1791411	1761384	184558	1797970	1580653
Q9VD05	Myosin-9 OS-Mus musculus OX-10090 GN-Myh9 PE-1 SV=1	218088.1	250407.7	485781.8	101277.7	75489	564374	7293166	155949.3	164893.5	181215.5	103241.2	46073.72	115990.5	64337.59		31233.26	93432.31	
Q9P977	Ppm1b protein OS-Mus musculus OX-10090 GN-Ppm1b PE-1 SV=4	149868	117650.7	159465.6	217030.2	335642.7	351712.4	420086.2	54541.59	24781.61	75912.58		25056.69	109456.7	186674.3	352427.7	23155.52		
P70663	SPARC-like protein 1 OS-Mus musculus OX-10090 GN-SParc1 PE-1 SV=3	1022896	85181.3	861086	114548	959527	1014073	1029876	995161.6	1049075	1204146	1099318	1148037	91291.4	1020746	1112756	1010237	71235	622797
P137804	Transferrin OS-Mus musculus OX-10090 GN-Tf PE-1 SV=1	477290.9	379567.5	36144	409994.7	2408919.2	327490.2	327490.2	339795.9	197372	1852445	53338.4	236254	448808.8	229570.4	380369.1	39423.23	372461.9	399767.9
Q35330	Calpain-1 catalytic subunit OS-Mus musculus OX-10090 GN-Capn1 PE-1 SV=1	147038.4	93236.53	113445.7	104964.7	182933.4	234690.5	17592.82	41790.23	124901.6	300322.8	112387.4	139817.2	166621.4	164828.7	282280	279192	310939	675428
P23953	Carboxylesterase 1C OS-Mus musculus OX-10090 GN-Ces1c PE-1 SV=4	9304167	8851335	8293284	6872424	7637304	78645.19	9368287	8015370	8842424	9014318	8577441	8806342	8290280	8485301	7644412	7348718	1833224	4005640
Q8DQ04	Cytochrome b-c1 complex subunit 7 OS-Mus musculus OX-10090 GN-Ucgb7 PE-1 SV	2651846	2252310	254267	1272344	732874	2814088	186968.1	161948	279015.2	254943.1	113439	136820.5	238774	2412877	1679126	1587587	232720	2220848
Q9CQ60	Densin regulatory protein OS-Mus musculus OX-10090 GN-Denn PE-1 SV=1	390561.3	705101	398045	459154.2	411053.2	480629.8	2597142	3962467	4339493	877480	4951238	13046426	466015.9	1134168	1207343	895126.7	543018	9273074
Q9DQ16	Dysregulation kinase, mitochondrial OS-Mus musculus OX-10090 GN-Dguk PE-1	1044591	973967.5	36144	409994.7	2408919.2	327490.2	327490.2	339795.9	197372	1852445	53338.4	236254	448808.8	229570.4	380369.1	39423.23	372461.9	399767.9
Q9Z673	Histone-binding protein RBBP7 OS-Mus musculus OX-10090 GN-Rbbp7 PE-1 SV=1	201125.7	406593.1	304884.2	203892.4	182933.4	234690.5	17592.82	41790.23	124901.6	300322.8	11							

CHK4	Histone H2A type 1-O5-Mus musculus OX-1000-GN-HistH2A PE-1 Sv-1	1343138	1576935	5931276	1159856	102496	1362397	1136517	1232499	1345834	1418287	1123100	957877	1243110	1288566	1108899	1197077	1012428	
G3X43	Oligodendrocyte-myelin glycoprotein O5-Mus musculus OX-1000-GN-OMg PE-1 Sv-1	598395.1	902717.1	1172054	1010336	1249754	1039665	1917260	2169107	2129984	1799662	1599129	1602361	1541769	2335986	2119174	942466	1512873	1598371
OS209	Vesicular core protein O5-Mus musculus OX-1000-GN-Vcan PE-1 Sv-2	6184704	7353731	6964798	5802225	6206765	6306763	5002473	5461136	6404529	4739972	4986349	4948855	7785930	7424078	7045250	5130220	6472083	5571468
OS295	4D5 ribosomal protein S9 O5-Mus musculus OX-1000-GN-RpS9 PE-1 Sv-1	1632369	1821063	1779503	1086797	956973	6760833	9089717	6164318	1105663	1053392	1086285	1292567	1320459	1320459	1151072	1320459	1151072	1320459
<b>Q3TC7</b>	<b>Fumarylacetoacetate hydrolase domain-containing 2A O5-Mus musculus OX-1000-G</b>	<b>3149002</b>	<b>231540</b>	<b>221404</b>	<b>1960363</b>	<b>1420215</b>	<b>2040939</b>	<b>3240391</b>	<b>2412334</b>	<b>1753792</b>	<b>2217510</b>	<b>1552745</b>	<b>1925522</b>	<b>2192550</b>	<b>2117364</b>	<b>1605230</b>	<b>2399912</b>	<b>2025464</b>	<b>1578141</b>
<b>P13020</b>	<b>isoform 2 of Gelsolin O5-Mus musculus OX-1000-GN-Gsn</b>	<b>3438776</b>	<b>3304465</b>	<b>3324444</b>	<b>3428647</b>	<b>1342010</b>	<b>3989155</b>	<b>3249791</b>	<b>3618683</b>	<b>3478148</b>	<b>3286330</b>	<b>3286836</b>	<b>2826049</b>	<b>3627589</b>	<b>3466796</b>	<b>3457530</b>	<b>3704811</b>	<b>3721495</b>	<b>3667913</b>
PS1174	Long-chain specific acyl-CoA dehydrogenase, mitochondrial O5-Mus musculus OX-1000-GN-LCSCAD PE-1 Sv-1	8017862	7004941	7127268	8489145	7235561	8023888	6786526	8917195	9016719	8958389	10405274	10422792	7109508	6725127	720037	985264	877426	9151738
QY1913	Thymocyte nuclear protein 1 O5-Mus musculus OX-1000-GN-ThyN1 PE-1 Sv-1	80208.35	66366.34	81573.33	195058.8	152550.8	1260483	86795.53	92624.29	93880.57	1513165	139926.2	141478	147229.3	116774	157409.4	4	4	4
PS4335	4D5 ribosomal protein S10 O5-Mus musculus OX-1000-GN-RpS10 PE-1 Sv-1	1274493	1107827	1107827	1107827	1107827	1107827	1107827	1107827	1107827	1107827	1107827	1107827	1107827	1107827	1107827	1107827	1107827	1107827
<b>Q62737</b>	<b>60S ribosomal protein L18a [Fragment] O5-Mus musculus OX-1000-GN-RpL18a PE-1</b>	<b>557345.3</b>	<b>491855.7</b>	<b>606891.1</b>	<b>185155.5</b>	<b>132084.3</b>	<b>193136.6</b>	<b>283345.6</b>	<b>315710.5</b>	<b>226151.9</b>	<b>268335.6</b>	<b>182358.3</b>	<b>212993.7</b>	<b>371402.8</b>	<b>379664.8</b>	<b>254191.1</b>	<b>245491.5</b>	<b>290532.5</b>	<b>257882.4</b>
PA7911	60S ribosomal protein L6 O5-Mus musculus OX-1000-GN-RpL6 PE-1 Sv-1	1639482	1627088	1162018	6231042	4393143	6483718	6665441	6458434	13085416	3820214	510965.9	1077927	1111009	1001299	6889405	2350123	415683.7	
P29758	Ornithine acetyltransferase, mitochondrial O5-Mus musculus OX-1000-GN-OAcT PE-1 Sv-1	4833959	4637691	4209108	3986672	4365577	4246572	4931319	4274813	4632528	3780337	4818089	4284920	3127003	3548709	3721663	4427312	4164723	4231916
QY9739	Ras GTPase-activating protein-binding protein 2 O5-Mus musculus OX-1000-GN-G-G3	891367.8	901035.6	4209108	1264796	1945564	3899954	397482	6175114	252656.1	3813313	3448785	2714764	7345023	7038603	5688318	4732655	4120791	4511612.3
AKG109	Spectrin alpha chain, non-erythrocytic 1 O5-Mus musculus OX-1000-GN-Sp1 PE-1 Sv-1	1188408	1188408	1188408	1188408	1188408	1188408	1188408	1188408	1188408	1188408	1188408	1188408	1188408	1188408	1188408	1188408	1188408	1188408
PO879	Synaptonemal-associated protein 25 O5-Mus musculus OX-1000-GN-Snap25 PE-1 Sv-1	2978713	2789755	3119419	3573373	3387725	3237697	1456585	2823306	2494000	1645545	1469228	2324371	3227385	3255080	3229988	3130981	4196489	3777304
PS3026	60S ribosomal protein L10a O5-Mus musculus OX-1000-GN-RpL10a PE-1 Sv-1	1429742	1318859	1262253	6830251	3712627	3293595	3504279	563479.9	508799.1	3804521	3103456	383669.8	628139.6	733522.7	1118582	1108582	95029.0	408299.9
Q61924	Coatomer subunit zeta1 O5-Mus musculus OX-1000-GN-Cozp1 PE-1 Sv-1	208962.1	140034.7	143819.8	1400719	118075.3	1232294	1681007	172988.3	156219	60945.67	52883.35	76975.3	189829.6	98757.57	185173.2	1078215	108590.96	
PS1258	Delta-aminolevulinic acid dehydratase O5-Mus musculus OX-1000-GN-ALAD PE-1 Sv-1	2760723	3036663	2249011	7204483	8017637	6922122	1060093	4475887	5599528	6243629	5431262	3439491	6807625	6839220	7099256	7099256	7099256	7099256
<b>Q64320</b>	<b>Myelin basic protein [Fragment] O5-Mus musculus OX-1000-GN-Mbp PE-1 Sv-1</b>	<b>1274493</b>	<b>1107827</b>	<b>1321408</b>	<b>1241408</b>	<b>1212408</b>	<b>1064408</b>	<b>8424132</b>	<b>9051668</b>	<b>1121408</b>	<b>5192327</b>	<b>9895286</b>	<b>6417210</b>	<b>1296408</b>	<b>1188408</b>	<b>1531408</b>	<b>8832382</b>	<b>8296743</b>	<b>8276102</b>
QY1937	Nucleophosmin O5-Mus musculus OX-1000-GN-NPM1 PE-1 Sv-1	4959262	4743729	5627447	3077728	3209840	2976779	2733887	1676555	2864467	1803345	2134193	2127256	4463295	3748036	2154719	2426126	2576369	2603988
QXQ270	Protein canopy homolog 2 O5-Mus musculus OX-1000-GN-Cnp2 PE-1 Sv-1	276319.1	32096	2888284	2471066	1746642	3125327	252025.6	304716	222014.2	2215376	288079.7	348799.3	3978445	5165433	3055814	1926357	219152.9	
PO7309	Transferrin O5-Mus musculus OX-1000-GN-Trf PE-1 Sv-1	8488932	9039821	9085042	7897928	9411519	8197400	9942901	7291128	872851	11005253	11417220	7141208	7068850	7159255	6881436	6651056	6506993	
QZK267	60S ribosomal protein L17 O5-Mus musculus OX-1000-GN-RpL17 PE-1 Sv-1	515150.6	565483.5	532445.4	5264362	99007.55	136443.4	20825.8	254735.6	282515.7	137468.8	132036.9	1417478	297257	361218.3	275056	176838	158936.5	112274
Q35443	Fratxin, mitochondrial O5-Mus musculus OX-1000-GN-Frx1 PE-1 Sv-1	327965.7	357514.2	357514.2	327965.7	327965.7	327965.7	327965.7	327965.7	327965.7	327965.7	327965.7	327965.7	327965.7	327965.7	327965.7	327965.7	327965.7	327965.7
<b>Q61979</b>	<b>isoform 2 of Heterogeneous nuclear ribonucleoprotein K O5-Mus musculus OX-1000</b>	<b>11623463</b>	<b>12546002</b>	<b>12221902</b>	<b>10954324</b>	<b>10151029</b>	<b>10470044</b>	<b>9065310</b>	<b>12008856</b>	<b>11939483</b>	<b>7211440</b>	<b>7350604</b>	<b>6798796</b>	<b>10997809</b>	<b>13126693</b>	<b>12074451</b>	<b>7378434</b>	<b>661104</b>	<b>6946475</b>
PO8249	Malate dehydrogenase, mitochondrial O5-Mus musculus OX-1000-GN-Mdh2 PE-1 Sv-1	1555371	1754785	1811769	2009514	1840999	1486519	1486519	1486519	1486519	1486519	1486519	1486519	1486519	1486519	1486519	1486519	1486519	1486519
PO202	Myelin proteolipid protein O5-Mus musculus OX-1000-GN-Mplp1 PE-1 Sv-1	1555371	1754785	1811769	2009514	1840999	1486519	1486519	1486519	1486519	1486519	1486519	1486519	1486519	1486519	1486519	1486519	1486519	1486519
QZ4369	Peptidyl prolyl cis-trans isomerase B O5-Mus musculus OX-1000-GN-PpiB PE-1 Sv-1	1407470	1684112	1271075	1239796	14449519	14449519	14449519	14449519	14449519	14449519	14449519	14449519	14449519	14449519	14449519	14449519	14449519	14449519
Q61981	Valcyclohydroxylase, mitochondrial O5-Mus musculus OX-1000-GN-Vch PE-1 Sv-1	1407470	1684112	1271075	1239796	14449519	14449519	14449519	14449519	14449519	14449519	14449519	14449519	14449519	14449519	14449519	14449519	14449519	14449519
PS0544	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial O5-Mus musculus OX-1000-GN-VLCAD PE-1 Sv-1	648254.5	724911.4	2331042	4118699	1271037	268738	389082.1	588632.1	505860.2	164504.2	192001.4	287338	662770.4	467682.3	510000.8	147038	23818.5	34818.5
Q62245	40S ribosomal protein S15a O5-Mus musculus OX-1000-GN-RpS15a PE-1 Sv-2	1383881	1549635	1398462	369496.8	296511.1	451317.4	505662.3	1436485	1047149	96705.75	571965.3	2084391	718996	947371.1	530483.9	505331.9	486783.4	384861.9
Q61972	4-aminobutyrate aminotransferase, mitochondrial O5-Mus musculus OX-1000-GN-4ABT PE-1 Sv-1	4905643	5022452	4202213	3960267	4268473	4572620	4827661	4792291	38788269	39729935	40485112	33070768	38204542	36801618	34955991	42104672	3986576	4133135
Q62751	60S ribosomal protein L23a O5-Mus musculus OX-1000-GN-RpL23a PE-1 Sv-1	1848576	2089118	1848576	1848576	1848576	1848576	1848576	1848576	1848576	1848576	1848576	1848576	1848576	1848576	1848576	1848576	1848576	1848576
Q61975	60S ribosomal protein L7a O5-Mus musculus OX-1000-GN-RpL7a PE-1 Sv-1	4175707	496878.3	547535	7119162	170015	12802	12121	2878084	22424	48128	119570.3	323885.7	2966969	307722.4	303874.7	24396.8	22799.1	
QD1272	E51 protein homolog, mitochondrial O5-Mus musculus OX-1000-GN-D10h2 PE-1 Sv-1	10470194	10898741	6967831	10215068	10275368	10071300	9616039	9158117	11289317	9945156	8830905	9021138	10632509	11748727	11610611	12248450	1266528	11495624
Q62737	Small nuclear ribonucleoprotein Sm D2 O5-Mus musculus OX-1000-GN-SmD2 PE-1 Sv-1	217935.1	381663.9	2442888	241861	173699.3	279447	2398475	2316224	362719.8	341388.9	254208.9	462256.5	330374	28524	264369	213004	240824	20190
QD2172	TAR DNA-binding protein 43 O5-Mus musculus OX-1000-GN-Tarbp4 PE-1 Sv-1	153625.1	1471558	138712.6	135408	109982	111464	104135.7	1467425	130245.3	1112465	95652.05	97532.06	104143	100699.9	154965	630425	77603.84	87789.22
Q62751	3-hydroxybutyryl-CoA lyase, mitochondrial O5-Mus musculus OX-1000-GN-3HBL PE-1 Sv-1	1882671	1889180	1484961	2154511	1540292	1726256	2013561	1882808	1787906	2012712	2079508	1582584	1471400	1321710	1692758	1057616	882735.6	1935314
QZ5444	4D5 ribosomal protein S12 O5-Mus musculus OX-1000-GN-RpS12 PE-1 Sv-1	5031160	4656863	4125543	5337596	5183965	180215	246859	587412.8	1742762	161854.9	672401	483253.5	5444864	197253	116396	1321662	209118	233993
<b>P16332</b>	<b>Methylmalonyl-CoA mutase, mitochondrial O5-Mus musculus OX-1000-GN-Mut PE-1 Sv-1</b>	<b>464811.9</b>	<b>3845487</b>	<b>28027.28</b>	<b>37999</b>	<b>367553.6</b>	<b>19972</b>	<b>140566.8</b>	<b>147635.6</b>	<b>17232.5</b>	<b>137025.6</b>	<b>28827.07</b>	<b>364991.5</b>	<b>291700.7</b>	<b>134096.1</b>	<b>47686</b>	<b>3631022</b>	<b>314213</b>	<b>220407.3</b>
<b>Q61979</b>	<b>Synaptonemal protein 2 O5-Mus musculus OX-1000-GN-Snp2 PE-1 Sv-1</b>	<b>678242</b>	<b>6784994</b>	<b>6792808</b>	<b>369960</b>	<b>338220</b>	<b>332825</b>	<b>4466479</b>	<b>5997093</b>	<b>3704359</b>	<b>4239839</b>	<b>4104251</b>	<b>6012506</b>	<b>5434802</b>	<b>606684</b>	<b>6495266</b>	<b>4291149</b>	<b>4971896</b>	
QY77M8	Glioblastoma amplified sequence O5-Mus musculus OX-1000-GN-Gnas2 PE-1 Sv-1	1535440	1364099	1551895	1903991	1548576	1702991	1548576	1583839	2503366	2518947	2487787	1634410	2912718	1327638	1808168	1612058	1199340	
QYCFD20	Methylmalonate semialdehyde dehydrogenase [acylating], mitochondrial O5-Mus musculus OX-1000-GN-MMSAD PE-1 Sv-1	4103995	3280544	4135443	3314473	3624557	4407069	3174283	3869552	3743447	3791524	2831247	3048466	3997115	3003032	427732	3404216	6150493	3726794
Q61978	NAD kinase 2, mitochondrial O5-Mus musculus OX-1000-GN-Nadk2 PE-1 Sv-2	175009.2	1674298	127220.3	177882	176094.5	221639.9	587412.8	1										



QBD059	Glutamate triad nucleotide-binding domain 2, mitochondrial O5-Mus-musculus OX-100	979793	1057183	931682	1028451	1301371	1176415	1093369	1103732	1025606	9527668	5290078	5899978	1149408	1135294	1016779	9884288	1162233	1119191
QO0883	TPO complex subunit 4 O5-Mus-musculus OX-10090 GN-AllylF Pe-1 Sv-3	1210537	1586246	1406295	4581643	8914479	6879498	1072538	1007232	1035074	1029794	9477082	7076033	1337355	1336951	1340965	8112121	5633125	5738316
QBC124	APC membrane recruitment protein 2 O5-Mus-musculus OX-10090 GN-AmpZ PE-1 Sv-1	958855.4	9103044.1	1041285	8955758	1752318	4971214	9838787	8005185	7902121	8634749	5552099	7107074	9033282	8796159	1141728	4971778	7261524	5766884
Q80W44	Hyaluronan and proteoglycan 3 O5-Mus-musculus OX-10090 GN-Hsp90A	5105654	5409365	5291761	5821496	5474350	5219460	8335789	6449184	5583182	8891190	5802076	6032225	5548219	6032108	6439218	6781862	6870099	7116206
Q4S878	Peptidyl-prolyl cis-trans isomerase FKBP2 O5-Mus-musculus OX-10090 GN-Fkbp2 PE-1 Sv-1	885996.9	8906689	1066872	8836478	1227069	1156945	1408231	1764957	1526186	1150416	1301062	1339806	1058143	1297002	1315561	6486983	8874521	5632301
Q6Z093	Serine/arginine-rich splicing factor 2 O5-Mus-musculus OX-10090 GN-Srsf2 Pe-1 Sv-1	459973	5909573	566683	2483689	997305	1160944	1342622	3385328	292437.3	96493.35	83869.56	1472.79	3184789	42590.46		47422.07	4881745	12590.46
Q8KZ29	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 3 O5-Mus-musculus OX-10090 G	1761259	172867.4	1254682	2110139	1854299	1712124	2466299	320793.2	319371.7	191555.7	87379.1	99579.98	325475.2	237123	239676.3	64036.71	69918.98	68424.51
PE3038	60 kDa heat shock protein, mitochondrial O5-Mus-musculus OX-10090 GN-Hsp60 PE-1 Sv-1	17607475	14714576	15527010	20101632	18710427	18715443	16749887	19918536	21149881	14649344	14688873	12838951	16133975	18099091	20865074	17668808	18219680	17350201
PE9103	Protein disulfide-isomerase 4 O5-Mus-musculus OX-10090 GN-Prp1 PE-1 Sv-2	3124562	2196677	2126683	1744981	2851389	3381913	2732344	3904408	3427688	2351866	2821566	2917427	2221214	2607156	3623249	2808298	3097878	
QD00K2	Aspartyl-CoA tetracyclic coenzyme A transferase 1, mitochondrial O5-Mus-musculus OX-10090 GN-AspTC	5783786	6825293	5056484	6668521	5390048	5418961	6757857	6892822	6632465	6462077	6599168	6096159	5121975	5644191	5199225	5066377	5259984	4312105
PO5202	Succinyl-CoA aminotransferase, mitochondrial O5-Mus-musculus OX-10090 GN-Got2 PE-1 Sv-1	58720973	57386969	57340548	73144797	62934053	64082893	61832618	63871681	64921608	60531069	61267759	66805792	61503301	60619380	60917581	69761009	64369467	62328861
Q8C522	Endonuclease domain-containing protein 1 O5-Mus-musculus OX-10090 GN-Endo1	364890.3	496803.5	470281	2915452	3396662	3657312	3165869	3746174	361652.7	2695666	218023.9	298158.6	547561.9	661248	3409311	3387424	3153137	
PE7579	Endonuclease reticulocytic protein 29 O5-Mus-musculus OX-10090 GN-Erp29 PE-1 Sv-1	576293.1	1091781	876265	5433673	617280.8	879279.7	1294999	1261390	620321.2	1467236	844862.1	713893.5	853412.9	873199.6	1486611	376975.4	522888.3	287509.7
PE7773	Protein disulfide-isomerase 4 O5-Mus-musculus OX-10090 GN-Prp1 PE-1 Sv-2	5105654	5409365	5291761	5821496	5474350	5219460	8335789	6449184	5583182	8891190	5802076	6032225	5548219	6032108	6439218	6781862	6870099	7116206
QKJ0K3	Serotype carrier-associated membrane protein 5 O5-Mus-musculus OX-10090 GN-S5c	1263674	1904209	1234013	356035.9	557802.6	763153	668910	412923.9	689928.4	664281.6		411167.8	1069495	813161.1	667454.8	938676.7	1202809	928005.5
PO9671	Superficial dismutase [Mn], mitochondrial O5-Mus-musculus OX-10090 GN-Sod2 PE-1 Sv-1	22091191	20148096	21156902	19949146	20519818	21597171	18162106	18260900	19584521	20358612	19258057	17128232	21216139	21157421	21968091	21306651	20695614	18440233
Q64433	10 kDa heat shock protein, mitochondrial O5-Mus-musculus OX-10090 GN-HspE1 PE-1 Sv-1	18950706	16641062	17917526	17222657	20280287	20290163	19062320	19016957	19509729	17095293	17369574	18688307	21298190	23089940	22184869	20505254	2005149	22564292
PL4121	Calreticulin O5-Mus-musculus OX-10090 GN-Calr PE-1 Sv-1	16831787	17042681	14454284	16925749	14422178	15445663	19286587	17373555	18160892	16769104	18974688	18974688	1815912	1679322	1914577	1759250	174174029	
QD12A3	Prolyl-4-Gln carboxylase alpha chain, mitochondrial O5-Mus-musculus OX-10090 G	1068017	1329186	902230.6	1036653	827925.4	1297806	919797.1	1092379.3	1534717	57378.6	555110.6	1820035	910810.4	1480919	1035144	1317953	1062615	1493357
Q9Z219	Succinate-CoA ligase [ADP-forming] subunit beta, mitochondrial O5-Mus-musculus O	8174974	6948200	8050766	9001539	7532011	8146932	1816109	9039886	9972794	7606671	8051746	9584337	7200300	7880627	7448224	8237190	6864464	6244565
Q9VDU3	Vigin O5-Mus-musculus OX-10090 GN-Hdlbp PE-1 Sv-1	246462	208158.6	171123.6	608180.7	234478.1	8789217	1362425.4	186635	217684.2	194602.2	91931.89	265699.9	21157421	21968091	21306651	20695614	18440233	
PE1255	60S ribosomal protein L26 O5-Mus-musculus OX-10090 GN-Prp26 PE-1 Sv-1	1439184	1366086	1515317	710385.2	1096733	1246683	1724197	2418368	2968070	2428942	2847439	1851448	1343419	1189897	1233376	1172224	1497100	1489907
Q60865	Caprin 1 O5-Mus-musculus OX-10090 GN-Caprin1 PE-1 Sv-2	29461034	545321.6	12071035	4901013	85330.2	600007.3	17513149	2057425	262418	110496.9	52262.93	190468.2	639990.9	1862574	9627189	2942679	57267.72	
PE2443	Glutamate dehydrogenase 1, mitochondrial O5-Mus-musculus OX-10090 GN-Glu1 PE-1 Sv-1	52758813	52728950	48679564	5383319	5518519	3386774	2732344	3904408	3427688	2351866	2821566	2917427	2221214	2607156	3623249	2808298	3097878	
Q5E898	Heterogeneous nuclear ribonucleoprotein A1 O5-Mus-musculus OX-10090 GN-Hnm	1510974	1581101	1114754	6129691	1171557	996084.8	911009	973043.1	1000863	852262.9	721461.3	644823.6	1557786	802440.9	153355	674815.5	58996.97	267906.7
Q91V47	Isocitrate dehydrogenase [NAD] subunit, mitochondrial O5-Mus-musculus OX-10090 G	6717438	6774875	5453831	6197348	9973488	9727388	8627659	8534740	8957232	7489954	6831752	7281911	7549661	6517995	765585	7681548	6098689	
PE2075	Mitochondrial import inner membrane translocase subunit Tim13 O5-Mus-musculu	1566411	1826680	1717106	1067240	1694316	1886044	1732425	2066135	1537096	902224.8	1465599	1692925	1302445	1739051	1362708	1741388	2115808	2067692
Q5Z298	Protein disulfide-isomerase A6 O5-Mus-musculus OX-10090 GN-PrpA6 PE-1 Sv-3	1196558	1203013	500403	701633	559494.3	978620.6	1494660	1768483	1803960	915104.7	1027659	1415092	6692945	900629	6917436	760925.7	1100573	1000553
PL4121	Sodium/potassium-transferring ATPase subunit alpha O5-Mus-musculus OX-10090 G	5105654	5409365	5291761	5821496	5474350	5219460	8335789	6449184	5583182	8891190	5802076	6032225	5548219	6032108	6439218	6781862	6870099	7116206
QD3072	Peroxisomal domain 6 O5-Mus-musculus OX-10090 GN-Prp6 PE-1 Sv-1	5148625	447185.1	593294.8	3121881	1637565	1164437	768217.5	1006463	3247928	974333.8	2294570	695874.8	737918.8	790873.7	3406947	1435357	8668484	823026.1
<b>Q80B03</b>	<b>Isocitrate dehydrogenase A4 O5-Mus-musculus OX-10090 GN-PrpA4 PE-1 Sv-1</b>	492048.7	377248.9	601720.2	1359489	537496.3	761260	4904633	1978184.1	1951515	226511.7	687315.2	783621.6	838333.5	841990.4	9068892	6176813	8002603	918646
QJUN28	Quinone oxidoreductase-like protein 2 O5-Mus-musculus OX-10090 GN-Cry2 PE-1 Sv-1	339816	384903.4	742015	4421402	5008842	867000.8	8074658	1303696	374352.3	327750.1	857654.7	784883.3	733785.9	365676.6	309675.9	623946.9	5088239	26723.18
Q9VDN2	Sodium oxalotransferring ATPase subunit alpha 1 O5-Mus-musculus OX-10090 G	2471507	3072689	3952794	1231751	2227849	2149264	1765073	2157809	2899547	1706140	1900680	2171517	2619302	2535316	2608847	2034438	2395726	1717579
Q91V47	Splicing factor, proline and glutamine-rich O5-Mus-musculus OX-10090 GN-Sfp PE-1 Sv-1	6328480	176235.3	987809.0	7661219	708309.5	7154.47	1030108	1121938	97350.4	703332.1	470111	1201486	1157764	111290	4741783	9995810	13405.88	
QKJ0K7	Tropomodulin 2 O5-Mus-musculus OX-10090 GN-Tmod2 PE-1 Sv-2	1193520	2085504	1724600	1476958	970200	1878546	2187724	1507122	1932702	925665.3	614475.6	6017188	1918908	1899205	175435	1326326	1221015	1228740
PE0813	Endonuclease O5-Mus-musculus OX-10090 GN-Hsp90B1 PE-1 Sv-2	1066383	13282584	9202720	10760047	4572208	846251	1439320	21051057	20435440	19002384	20373456	21634498	13436148	13413799	14169342	1099540	4128042	
PL1881	Inositol 1,4,5-trisphosphate receptor type 1 O5-Mus-musculus OX-10090 GN-Itpr1 PE-1 Sv-1	1363577	1649095	1138877	273812	971424	164221.8	1540774	1536423	208752	1693551	184373.5	188064.5	115372.7	172555.1	407821.2	156883	1188324	133057.5
Q9V9M8	Methylcrotonyl-CoA carboxylase alpha chain, mitochondrial O5-Mus-musculus OX-10090 G	772268.3	760219.8	176335.8	1130171	201149	345135.8	291736	375806.6	388487.8	4645058	486478.8	567822.8	4216415	4200823	1220052	158813	108324	306136.5
PE1254	Solute carrier family 12 member 5 O5-Mus-musculus OX-10090 GN-SLC12A5 PE-1 Sv-2	6288487	176235.3	987809.0	7661219	708309.5	7154.47	1030108	1121938	97350.4	703332.1	470111	1201486	1157764	111290	4741783	9995810	13405.88	
PE2702	40S ribosomal protein S4, X isoform O5-Mus-musculus OX-10090 GN-Rp44 PE-1 Sv-1	3952161	3693155	3614416	1119601	1182868	1508666	1374873	2054003	1674935	1884660	1130207	3006269	2801129	2793452	1688904	1579540	1556417	1321153
EQ98N8	Anion exchange protein O5-Mus-musculus OX-10090 GN-Scl4a PE-1 Sv-1	28376.8		32785.65		98792.21		122175.6	139964.9	130958.7	127352.4	70998.48	21333.64						
Q6Z167	ATP-dependent RNA helicase DDX3X O5-Mus-musculus OX-10090 GN-Ddx3x PE-1 Sv-1	75688.97	99559.33	110275.5	14363.83	191485	13680.98	51236.92	51293.9	55849.74		16162.6	44100.71	47748.03	29020.35	3296.31		21017.76	
<b>Q60B02</b>	<b>Isocitrate dehydrogenase [NAD] subunit, mitochondrial O5-Mus-musculus OX-10090 G</b> </																		

P01831	Thy-1 membrane glycoprotein OS=Mus musculus OX=10090 GN=Thy1 PE=1 SV=1	544691.2	725995.6	477491	225603.5	408567.4	285109.9	1254484	1174682	1849213	1014040	443858	529477.2	851517.6	805283.9	653644.1	354791	243548.2	233270.5
P20108	Thioredoxin-dependent peroxidoreductase, mitochondrial OS=Mus musculus OX=100	3289661	3079584	3125252	3379572	3451593	3190676	3884569	3818439	3834660	2456724	2364363	2507907	3084615	3188774	4015034	3703864	3825638	4022080
P56480	ATP synthase subunit beta, mitochondrial OS=Mus musculus OX=10090 GN=Atp5f1b	15397459	14229863	14822069	14420687	14981476	16137504	17324901	14529711	16725980	13106433	13082605	12841286	16236192	15342033	14758761	11513984	12586544	11625979
Q02819	Nucleobindin-1 OS=Mus musculus OX=10090 GN=Ncb1 PE=1 SV=2	230016.6	224380.2	219088.4	31008.8	292372.6	143672.3	305216.8	317848	169584.2	246060.6	273274.7	280188.8	288889.7	267675	368974.6	193229.9	207940.4	98420.24
OS5143	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 OS=Mus musculus OX=10090	711882.1	930310.6	731008.5	606901.9	539464.1	367536.4	413797.6	1152765	1235509	768044.4	634445.5	546431.4	985244.9	885750.8	934153.2	512436.8	307528.4	
QJUH59	Myosin-10 OS=Mus musculus OX=10090 GN=Myh10 PE=1 SV=1	1167351	1118841	973430.3	783885.7	612697.9	582355.4	243356.5	551561.6	702135.8	569830	539287.1	397981.2	504196.2	385704.9	432500.2	963618.5	431211.1	734556.2
P17095	High mobility group protein HMG-I/HMG-Y OS=Mus musculus OX=10090 GN=Hmg1	230893.8	231061.6	259413.4	212149.1	168207	144515.2	105656.3	70262.78		252970.8	392081.9		1017824	383777.5	609996		28386.68	
P14094	Sodium/potassium-transporting ATPase subunit beta-1 OS=Mus musculus OX=10090	3757349	3245650	4251007	2807266	4234395	2996164	3014398	4115061	5773002	3114032	3577088	3506333	4467767	4401299	4339856	3098019	2829471	1892781
QBRT50	DEAD (Asp-Glu-Ala-Asp) box polypeptide 5 OS=Mus musculus OX=10090 GN=Deaf1 PE	321630.5	231259.6			54402.55			65384.91	4784.43				206101.3					
QJUL05	Methylcrotonyl-CoA carboxylase beta chain, mitochondrial OS=Mus musculus OX=1	54728.05	114256.1	128662.1	20562.94	62574.05	64917.71	138933.2	64817.43	180946.1	151003.7	153194.9	146067.8	141964.3	142408.4	150744.1	70886.72	116057.6	112107.2
QBFRF5	Elongation factor Tu, mitochondrial OS=Mus musculus OX=10090 GN=EfTu PE=1 SV=	2865943	2324276	1972998	2441375	1201884	1354223	1278569	2542207	3169885	1165836	939382.2	1402685	2016032	1465552	2016066	2060941	1299809	1164808
QOC0F3	Cleavage and polyadenylation specificity factor subunit 5 OS=Mus musculus OX=1009	77020.87	63328.9		31362.42			170077.9	190532.7	240374.7	9154.038	97267.72	250518.1	41228.51	60180.7	62259.03			49846.76
QD0262	Dihydrodipicolinate reductase, mitochondrial OS=Mus musculus OX=10090 GN=HsdR	2097795	2879598	2209058	2488526	2462983	2477424	2826593	3396851	3289273	2474200	2567702	2380584	3127678	3266529	3908328	2823720	2720390	2781556
QSC062	2,4-dienoyl-CoA reductase, mitochondrial OS=Mus musculus OX=10090 GN=Deaf1 PE	1227771	626577.8	1385235	422185	1031031	633453.1	532075.4	680959.4	623820.4	520332.8	471877.4	373234.9	686409.8	1277387	1213628	470015.9	698884.7	444820.3
H3B1W3	Cleavage and polyadenylation-specific factor subunit 6 OS=Mus musculus OX=1009	32195.18	18560.44	22863.43	24358.99			10460.81			11761.12			23664.6	18750.68	24157.5			
P01867	Ig gamma-2b chain C region OS=Mus musculus OX=10090 GN=Igh-3 PE=1 SV=3	1256779	1520904	1500865	762723.2	632125.7	501042.2	1113101	1487842	1316580	1680711	1518788	1701573	937202	668767	9408826	507301.1	190219.5	342257.7
QOC0C7	ATP synthase F0 complex subunit B1, mitochondrial OS=Mus musculus OX=10090 GN	174306.1	156264.5	194518.4	155257.2	182907.3		236066.6	193446.6	266843.7	239601.2	238770.5	295231.8	234689.8	295814.4	289916.5	201793.7	207463.8	176697.9
QJ3265	ATP synthase subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=Atp5f1a	9779347	10076263	9804800	874780	8506041	9342484	8804783	9183517	9550598	6535670	4798108	9415017	1068979	10774284	1015520	7908860	6856267	8473716
P43006	Excitatory amino acid transporter 2 OS=Mus musculus OX=10090 GN=Slc12 PE=1 SV=	275388.8	152965	285565.5	431381.7	308099.7		176026.3	112282.2	274140.4	130365	148298	222280.6	370992.5	181128.9	420526.9	352112.2	262587.2	22885.58
QD0051	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial OS=Mus muscu	9201507	9323555	8153078	7469653	7183798	8087802	10154241	10723977	11097193	8868331	7897662	8675199	10992082	10539291	10106019	10174696	9042273	8061532
P56959	RNA-binding protein FUS OS=Mus musculus OX=10090 GN=Fus PE=1 SV=1	1531283	1774500	2071221	1502509	1722701	1433448	1925385	2211398	1828959	1127550	1220391	1468709	2514738	2809722	2191017	288909.2	563712.1	163137.2
OB8569	Heterogeneous nuclear ribonucleoproteins A2/B1 OS=Mus musculus OX=10090 GN=H	2390023	2440054	2082988	2873880	1623603	1591356	2439847	3650446	2426677	1810733	1603290	2108854	2532328	3247251	2951655	1415998	1145037	1269824
QB8005	Heterogeneous nuclear ribonucleoprotein A3 OS=Mus musculus OX=10090 GN=Hmg	1762678	1862985	1900100	1408457	1463320	1772945	965884.8	1611339	1464451	1000640	1443787	921453.1	2417173	2267158	2888008	9324798	1345335	822355.5
Q9K48	Non-POU domain-containing octamer-binding protein OS=Mus musculus OX=10090 G	107117.3	113460.4	133152	64542.66	42431.79	39391.88	107957.8	124975.5	95126.71	77083.93	41570.83	57795.14	98416.62	108136.8	94888.82	92322.86	24037.26	20692.72
Q91VR2	ATP synthase subunit gamma, mitochondrial OS=Mus musculus OX=10090 GN=Atp5f	30966.01				66063.66			6750.432	45652.26	46211.94		7713.726			51487.35	61060.18	59393.85	
QD5616	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial OS=Mus muscu	29241.58	40013.26	24596.47	23462.49			40798.47	28099.48	29270.58	41491.58	489283.8							
QBCHT0	Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial OS=Mus musculus OX=	392455.5	385399.4	280855.8	234664.3	516333.9	406426.7	558174	606519.5	687268.6	286398.9	627828.3	446664.6	654020.2	387587	412022.7	379023.8	635383.3	391694.5
P64104	Serine/arginine-rich splicing factor 3 OS=Mus musculus OX=10090 GN=SnRf3 PE=1 SV=	335039.2	370251.6	232418.5	158979.9	74804.57	175125.5	144139.1		74779.65	87448.79	240623.1				209648.5	120778.9	109479.8	101874.6
P35486	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial O	2789598	3466366	3054701	2970037	2616140	2570598	5853224	6830116	6982699	4726860	4489376	7033858	3658807	3963782	3957988	3753948	3735423	2879124
QB8081	Heterogeneous nuclear ribonucleoprotein L (Fragment) OS=Mus musculus OX=10090	90244.87						93944.54	34654.5	286242.9	228226.3	109358.7	105026.2		218367	77852.62			
QD8115	39S ribosomal protein L12, mitochondrial OS=Mus musculus OX=10090 GN=Mrlp12 P	33514	38879.66	78756.99	28180.94	13186.03	20601.02	16138.19	16411.37	714296	30757.57	24786.93	8245.005	54551.32	16783.69	37941.23	60533.13	33036.87	44277.44
QOC0X8	28S ribosomal protein S36, mitochondrial OS=Mus musculus OX=10090 GN=Mrlp36 P	517725.9	342684	239001.3	367533.5	439542.8	460810	561689.2	484979.9	465610.3	246230	558587	234976.9	757748.7	546488.4	379920.8	413903.2	485023.4	44277.44
P12787	Cytochrome c oxidase subunit 5a, mitochondrial OS=Mus musculus OX=10090 GN=Cc	101015		126314.2		103444.2		119468.9	216422.1	138180.2		394990	97513.44	129546.3	163948.4				
P46660	Alpha-interferon OS=Mus musculus OX=10090 GN=Ifi PE=1 SV=3	10837652	10286156	9324030	8010905	7865426	7313007	11121306	10256587	10066001	6452409	5881752	6953008	8922093	8474351	8520115	8061296	8709607	8809081
QB8M4	Dihydrodipicolinate reductase acetyltransferase component of pyruvate dehydrogen	2153938	2377970	2245681	2558829	3264660	2457511	3252560	3742641	3292735	2889938	1950908	2380323	3389382	3731786	2442424	2142086	4167366	2241550
QB9V42	Mitochondrial import inner membrane translocase subunit Tim8 A OS=Mus muscu	64077.35	81769.33	116426.9	158161.6	75389.79	117894.6	103667.5	120003.3	60531.97	55114.5	62715.64	132996	94987.04	118888.9	168220.5	93964.82	140244.2	
P0B553	Neurofilament medium polypeptide OS=Mus musculus OX=10090 GN=Nefm PE=1 SV=	14897109	13320825	13431136	14928400	11457825	12100865	11060161	10990914	13354415	5367445	4676635	3838285	15629829	14512957	17582661	12238837	11351747	13818184
Q60932	Voltage-dependent anion-selective channel protein 3 OS=Mus musculus OX=10090 GN	481200.9	241973	57967.44	225149.2	416393.8	1107125.9	1734860	316706.5	722876.4		268389	236057.8	447476.9	200222.5	191323.5			127004.3
P48962	ADP/ATP translocase 1 OS=Mus musculus OX=10090 GN=Slc54 PE=1 SV=4	136634.1	198961.9	232483.7	194508.2	220918	188431.6	375371.8	205302.1	478891.9	299864.6	407567.1	100473.8	765930.3	309912.3	278491.5	56152.99	160833.7	29708.62
P19246	Neurofilament heavy polypeptide OS=Mus musculus OX=10090 GN=NefH PE=1 SV=3	4995403	5552528	4488698	9943319	4056351	4099558	5808304	5896279	5763849	2510180	2849617	2510665	5996067	5806764	5792886	6106736	4629397	3871590
P0B551	Neurofilament light polypeptide OS=Mus musculus OX=10090 GN=NefL PE=1 SV=5	16462875	21838894	15681125	13968685	13350362	13196653	21145348	18268133	20028511	18728697	14681775	16402151	18829945	23648985	19487438	14678331	11820378	10466947
QD80C2	ATP synthase subunit d, mitochondrial OS=Mus musculus OX=10090 GN=Atp5h PE=1					273774.3		117905.7		63393.09	89171.99					6856.28			
QD0877	Cytochrome b-c1 complex subunit 2, mitochondrial OS=Mus musculus OX=10090 GN=									87952.45	104557.6								
P04045	Cytochrome c oxidase subunit 2 OS=Mus musculus OX=10090 GN=Mto2 PE=1 SV=1					86508.64	45163.3				53763.83					68590.25		36223.13	39908.07
P30275	Creatine kinase U-type, mitochondrial OS=Mus musculus OX=10090 GN=Ckm1 PE=1	4486276	4923400	3654581	2840640	2565411	2652964	4329855	4382516	5397940	3149723	3238568	3506121	4564780	4608939	3966587	3543048	3040204	2422898

Supplementary Table 6 - Hindbrain IP LFQ		Abundance Ratio (log2): (KO) / (WT)	Abundance Ratio Variability [%]: (KO) / (WT)
Curated Access	Description		
P39053	Isoform 4 of Dynamin-1 OS=Mus musculus OX=10090 GN=Dnm1		
Q8K1M6	Dynamin-1-like protein OS=Mus musculus OX=10090 GN=Dnm1 PE=1 SV=2	-0.27	28.95
Q3UH59	Myosin-10 OS=Mus musculus OX=10090 GN=Myh10 PE=1 SV=1	0.8	46.79
D3Z4J3	Unconventional myosin-Va OS=Mus musculus OX=10090 GN=Myo5a PE=1 SV=1		
Q8VDD5	Myosin-9 OS=Mus musculus OX=10090 GN=Myh9 PE=1 SV=4	0.23	53.9
Q08709	Peroxisomal protein 6 OS=Mus musculus OX=10090 GN=Prdx6 PE=1 SV=3	0.52	69.26
Q8BH44	Coronin-2B OS=Mus musculus OX=10090 GN=Coro2b PE=1 SV=2	0.66	38.77
P47757	Isoform 3 of F-actin-capping protein subunit beta OS=Mus musculus OX=10090 GN=Capzb		
Q9CQW2	ADP-ribosylation factor-like protein 8B OS=Mus musculus OX=10090 GN=Arl8b PE=1 SV=1		
Q9R1Q8	Transgelin-3 OS=Mus musculus OX=10090 GN=Tagln3 PE=1 SV=1		
Q60605	Myosin light polypeptide 6 OS=Mus musculus OX=10090 GN=Myl6 PE=1 SV=1	0.42	34.39
Q99N15	17beta-hydroxysteroid dehydrogenase type 10/short chain L-3-hydroxyacyl-CoA dehydrogenase OS=Mus musculus OX=10090 GN=Hsd17b10 PE=1 SV=1	0.44	31.78
Q8BX70	Vacuolar protein sorting-associated protein 13C OS=Mus musculus OX=10090 GN=Vps13c PE=1 SV=2		
Q3UX10	Tubulin alpha chain-like 3 OS=Mus musculus OX=10090 GN=Tubal3 PE=2 SV=2		
Q3THE2	Myosin regulatory light chain 12B OS=Mus musculus OX=10090 GN=Myl12b PE=1 SV=2	0.71	41.45
Q71LX4	Talin-2 OS=Mus musculus OX=10090 GN=Tln2 PE=1 SV=1	-0.3	27.59
Q9JKK7	Tropomodulin-2 OS=Mus musculus OX=10090 GN=Tmod2 PE=1 SV=2	0.53	38.61
P05063	Fructose-bisphosphate aldolase C OS=Mus musculus OX=10090 GN=Aldoc PE=1 SV=4		
Q9VW92	Isoform 2 of Band 4.1-like protein 3 OS=Mus musculus OX=10090 GN=Epb4113		
Q3UKW2	Calmodulin-1 OS=Mus musculus OX=10090 GN=Calm1 PE=1 SV=1		
E9QKC6	Tripartite motif-containing protein 2 OS=Mus musculus OX=10090 GN=Trim2 PE=1 SV=1	-0.28	28.69
Q8BMS1	Trifunctional enzyme subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=Hadha PE=1 SV=1		
Q9Z1R2	Large proline-rich protein BAG6 OS=Mus musculus OX=10090 GN=Bag6 PE=1 SV=1		
P27546	Microtubule-associated protein 4 OS=Mus musculus OX=10090 GN=Map4 PE=1 SV=3		
P47708	Rabphilin-3A OS=Mus musculus OX=10090 GN=Rph3a PE=1 SV=2		
Q88737	Protein bassoon OS=Mus musculus OX=10090 GN=Bsn PE=1 SV=4	-0.46	14.17
Q5SRX1	TOM1-like protein 2 OS=Mus musculus OX=10090 GN=Tom1l2 PE=1 SV=1	-0.4	24.81
P47754	F-actin-capping protein subunit alpha-2 OS=Mus musculus OX=10090 GN=Capza2 PE=1 SV=3		
Q9Z1Z0	General vesicular transport factor p115 OS=Mus musculus OX=10090 GN=Uso1 PE=1 SV=2	-0.33	27.88
P46097	Synaptotagmin II OS=Mus musculus OX=10090 GN=Syt2 PE=1 SV=1	0.37	39.52
E9QLK9	Clathrin coat assembly protein AP180 OS=Mus musculus OX=10090 GN=Snap91 PE=1 SV=2	-0.23	28.67
Q80X13	Eukaryotic translation initiation factor 4 gamma 3 OS=Mus musculus OX=10090 GN=Eif4g3 PE=1 SV=1	-0.26	23.27
P17183	Gamma-enolase OS=Mus musculus OX=10090 GN=Eno2 PE=1 SV=2		
Q99K01	MCG129810, isoform CRA_c OS=Mus musculus OX=10090 GN=Pdxdc1 PE=1 SV=1		
P62918	60S ribosomal protein L8 OS=Mus musculus OX=10090 GN=Rpl8 PE=1 SV=2	0.31	37.98
P70404	Isocitrate dehydrogenase [NAD] subunit gamma 1, mitochondrial OS=Mus musculus OX=10090 GN=Idh3g PE=1 SV=1	0.56	45.96
Q8BJY1	26S proteasome non-ATPase regulatory subunit 5 OS=Mus musculus OX=10090 GN=Psm5 PE=1 SV=4		
P10630	Isoform 2 of Eukaryotic initiation factor 4A-II OS=Mus musculus OX=10090 GN=Eif4a2		
Q9EQ20	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial OS=Mus musculus OX=10090 GN=Aldh6a1 PE=1 SV=1	0.38	40.79
P47963	60S ribosomal protein L13 OS=Mus musculus OX=10090 GN=Rpl13 PE=1 SV=3		
Q3UJH0	AP2-associated protein kinase 1 OS=Mus musculus OX=10090 GN=Aak1 PE=1 SV=2		
P08414	Calcium/calmodulin-dependent protein kinase type IV OS=Mus musculus OX=10090 GN=Camk4 PE=1 SV=2		
Q8R1Q8	Cytoplasmic dynein 1 light intermediate chain 1 OS=Mus musculus OX=10090 GN=Dync1l1 PE=1 SV=1		
Q7TQF7	Amphiphysin OS=Mus musculus OX=10090 GN=Amph PE=1 SV=1	-0.24	27.61
P05201	Aspartate aminotransferase, cytoplasmic OS=Mus musculus OX=10090 GN=Got1 PE=1 SV=3		
Q8R5C5	Beta-centractin OS=Mus musculus OX=10090 GN=Actr1b PE=1 SV=1		
Q6ZQ38	Cullin-associated NEDD8-dissociated protein 1 OS=Mus musculus OX=10090 GN=Cand1 PE=1 SV=2	-0.26	22.35
P06745	Glucose-6-phosphate isomerase OS=Mus musculus OX=10090 GN=Gpi PE=1 SV=4	-0.23	31.74
Q8CI94	Glycogen phosphorylase, brain form OS=Mus musculus OX=10090 GN=Pygb PE=1 SV=3		
P17742	Peptidyl-prolyl cis-trans isomerase A OS=Mus musculus OX=10090 GN=Ppia PE=1 SV=2		
Q55U59	RNA-binding protein EWS OS=Mus musculus OX=10090 GN=Ewsr1 PE=1 SV=1	0.24	36.39
Q9R0P9	Ubiquitin carboxyl-terminal hydrolase isozyme L1 OS=Mus musculus OX=10090 GN=Uchl1 PE=1 SV=1		
Q8BP67	60S ribosomal protein L24 OS=Mus musculus OX=10090 GN=Rpl24 PE=1 SV=2	0.4	41.16
P12658	Calbindin OS=Mus musculus OX=10090 GN=Calb1 PE=1 SV=2		
Q9JL80	MAGUK p55 subfamily member 6 OS=Mus musculus OX=10090 GN=Mpp6 PE=1 SV=1	-0.46	22.62
Q9DB60	Prostaglandin synthase OS=Mus musculus OX=10090 GN=Fam213b PE=1 SV=1		
P63318	Protein kinase C gamma type OS=Mus musculus OX=10090 GN=Prkcg PE=1 SV=1	-0.2	26.12
P27659	60S ribosomal protein L3 OS=Mus musculus OX=10090 GN=Rpl3 PE=1 SV=3		
Q54774	AP-3 complex subunit delta-1 OS=Mus musculus OX=10090 GN=Ap3d1 PE=1 SV=1	-0.29	32
P00920	Carbonic anhydrase 2 OS=Mus musculus OX=10090 GN=Ca2 PE=1 SV=4		
Q8BHE3	Caytaxin OS=Mus musculus OX=10090 GN=Atcay PE=1 SV=1		
Q02105	Complement C1q subcomponent subunit C OS=Mus musculus OX=10090 GN=C1qc PE=1 SV=2		
Q8VBV7	COP9 signalosome complex subunit 8 OS=Mus musculus OX=10090 GN=Cops8 PE=1 SV=1		
Q9WUM4	Coronin-1C OS=Mus musculus OX=10090 GN=Coro1c PE=1 SV=2	0.25	38.12
E9Q557	Desmoplakin OS=Mus musculus OX=10090 GN=Dsp PE=1 SV=1	0.2	40.4
Q9VVK4	EH domain-containing protein 1 OS=Mus musculus OX=10090 GN=Ehd1 PE=1 SV=1	-0.21	24.04
Q921F4	Heterogeneous nuclear ribonucleoprotein L-like OS=Mus musculus OX=10090 GN=Hnrnp1l PE=1 SV=3		
G5E8T9	Hydroxyacyl glutathione hydrolase OS=Mus musculus OX=10090 GN=Hagh PE=1 SV=1		
Q9DCL9	Multifunctional protein ADE2 OS=Mus musculus OX=10090 GN=Paics PE=1 SV=4		
Q8VDQ8	NAD-dependent protein deacetylase sirtuin-2 OS=Mus musculus OX=10090 GN=Sirt2 PE=1 SV=2		

Q9DBJ1	Phosphoglycerate mutase 1 OS=Mus musculus OX=10090 GN=Pgam1 PE=1 SV=3		
Q9JJV2	Profilin-2 OS=Mus musculus OX=10090 GN=Pfn2 PE=1 SV=3	-0.22	23.34
Q68FG2	Spectrin beta chain OS=Mus musculus OX=10090 GN=Sptbn2 PE=1 SV=1	0.29	43.16
Q9D8Y0	EF-hand domain-containing protein D2 OS=Mus musculus OX=10090 GN=Efd2 PE=1 SV=1	-2.14	5.51



Supplementary Table 5 - Forebrain IP LFQ		Abundance Ratio (log2): (KO) / (WT)	Abundance Ratio Variability [%]: (KO) / (WT)
Curated Accession	Description		
Q3UH59	Myosin-10 OS=Mus musculus OX=10090 GN=Myh10 PE=1 SV=1		
Q62261	Spectrin beta chain, non-erythrocytic 1 OS=Mus musculus OX=10090 GN=Sptbn1 PE=1 SV=2		
D3Z4J3	Unconventional myosin-Va OS=Mus musculus OX=10090 GN=Myo5a PE=1 SV=1		
Q8VDD5	Myosin-9 OS=Mus musculus OX=10090 GN=Myh9 PE=1 SV=4		
Q9JKK7	Tropomodulin-2 OS=Mus musculus OX=10090 GN=Tmod2 PE=1 SV=2	0.35	36.06
P39053	Dynamin-1 OS=Mus musculus OX=10090 GN=Dnm1 PE=1 SV=1		
Q68FG2	Spectrin beta chain OS=Mus musculus OX=10090 GN=Sptbn2 PE=1 SV=1		
Q8BH44	Coronin-2B OS=Mus musculus OX=10090 GN=Coro2b PE=1 SV=2	0.4	30.42
P47757	Isoform 3 of F-actin-capping protein subunit beta OS=Mus musculus OX=10090 GN=Capzb	0.28	39.33
E9QAX2	Unconventional myosin-XVIIIa OS=Mus musculus OX=10090 GN=Myo18a PE=1 SV=1		
Q60605	Myosin light polypeptide 6 OS=Mus musculus OX=10090 GN=Myl6 PE=1 SV=1		
Q9QXS6	Drebrin OS=Mus musculus OX=10090 GN=Dbrn1 PE=1 SV=4	0.66	33.48
P11798	Calcium/calmodulin-dependent protein kinase type II subunit alpha OS=Mus musculus OX=10090 GN=Camk2a PE=1 SV=2		
Q8VDN2	Sodium/potassium-transporting ATPase subunit alpha-1 OS=Mus musculus OX=10090 GN=Atp1a1 PE=1 SV=1		
Q3THE2	Myosin regulatory light chain 12B OS=Mus musculus OX=10090 GN=Myl12b PE=1 SV=2		
Q9R1Q8	Transgelin-3 OS=Mus musculus OX=10090 GN=Tagln3 PE=1 SV=1		
Q5SVJ0	Calcium/calmodulin-dependent protein kinase II, beta, isoform CRA_b OS=Mus musculus OX=10090 GN=Camk2b PE=1 SV=1		
P08553	Neurofilament 3, medium OS=Mus musculus OX=10090 GN=Nefm PE=1 SV=1	-0.41	25.49
P08551	Neurofilament light polypeptide OS=Mus musculus OX=10090 GN=Nefl PE=1 SV=5	-0.35	24.04
P03995	Glial fibrillary acidic protein OS=Mus musculus OX=10090 GN=Gfap PE=1 SV=4		
P62843	40S ribosomal protein S15 OS=Mus musculus OX=10090 GN=Rps15 PE=1 SV=2		
P47857	Isoform 3 of ATP-dependent 6-phosphofructokinase, muscle type OS=Mus musculus OX=10090 GN=Pfkm		
Q64522	Histone H2A type 2-B OS=Mus musculus OX=10090 GN=Hist2h2ab PE=1 SV=3		
Q91XV3	Brain acid soluble protein 1 OS=Mus musculus OX=10090 GN=Basp1 PE=1 SV=3	-0.21	37.01
P18872	Guanine nucleotide-binding protein G(o) subunit alpha OS=Mus musculus OX=10090 GN=Gnao1 PE=1 SV=3		
Q9R0Q1	Synaptotagmin-like protein 4 OS=Mus musculus OX=10090 GN=Syt4 PE=1 SV=1		
Q8K0U4	Heat shock 70 kDa protein 12A OS=Mus musculus OX=10090 GN=Hspa12a PE=1 SV=1		
P19246	Neurofilament heavy polypeptide OS=Mus musculus OX=10090 GN=Nefh PE=1 SV=3		
B0QZNS	Vesicle-associated membrane protein 2 OS=Mus musculus OX=10090 GN=Vamp2 PE=1 SV=1		
P62245	40S ribosomal protein S15a OS=Mus musculus OX=10090 GN=Rps15a PE=1 SV=2		
P97315	Cysteine and glycine-rich protein 1 OS=Mus musculus OX=10090 GN=Csrp1 PE=1 SV=3		
P43006	Excitatory amino acid transporter 2 OS=Mus musculus OX=10090 GN=Slc1a2 PE=1 SV=1		
Q61792	LIM and SH3 domain protein 1 OS=Mus musculus OX=10090 GN=Lasp1 PE=1 SV=1		
P60202	Myelin proteolipid protein OS=Mus musculus OX=10090 GN=Plp1 PE=1 SV=2		
P55258	Ras-related protein Rab-8A OS=Mus musculus OX=10090 GN=Rab8a PE=1 SV=2		
P61264	Syntaxin-1B OS=Mus musculus OX=10090 GN=Stx1b PE=1 SV=1		
F8WGL3	Cofilin-1 OS=Mus musculus OX=10090 GN=Cfl1 PE=1 SV=1		
P31938	Dual specificity mitogen-activated protein kinase kinase 1 OS=Mus musculus OX=10090 GN=Map2k1 PE=1 SV=2		
P47754	F-actin-capping protein subunit alpha-2 OS=Mus musculus OX=10090 GN=Capza2 PE=1 SV=3		
P60879	Synaptosomal-associated protein 25 OS=Mus musculus OX=10090 GN=Snap25 PE=1 SV=1		
P47963	60S ribosomal protein L13 OS=Mus musculus OX=10090 GN=Rpl13 PE=1 SV=3	-0.24	18.05
Q7TPR4	Alpha-actinin-1 OS=Mus musculus OX=10090 GN=Actn1 PE=1 SV=1		
Q9QYCO	Alpha-adducin OS=Mus musculus OX=10090 GN=Add1 PE=1 SV=2		
P07901	Heat shock protein HSP 90-alpha OS=Mus musculus OX=10090 GN=Hsp90aa1 PE=1 SV=4		
Q8C8R3	Isoform 2 of Ankyrin-2 OS=Mus musculus OX=10090 GN=Ank2		
Q8CGP2	Isoform 2 of Histone H2B type 1-P OS=Mus musculus OX=10090 GN=Hist1h2bp		
Q61768	Kinesin-1 heavy chain OS=Mus musculus OX=10090 GN=Kif5b PE=1 SV=3		
P13595	Neural cell adhesion molecule 1 OS=Mus musculus OX=10090 GN=Ncam1 PE=1 SV=3		
Q99K48	Non-POU domain-containing octamer-binding protein OS=Mus musculus OX=10090 GN=Nono PE=1 SV=3	-0.46	16.3
Q5SUS9	RNA-binding protein EWS OS=Mus musculus OX=10090 GN=Ewsr1 PE=1 SV=1		
Q8VIJ6	Splicing factor, proline- and glutamine-rich OS=Mus musculus OX=10090 GN=Sfpq PE=1 SV=1	-0.26	20.75
Q8CGY8	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit OS=Mus musculus OX=10090 GN=Ogt PE=1 SV=2		
P50516	V-type proton ATPase catalytic subunit A OS=Mus musculus OX=10090 GN=Atp6v1a PE=1 SV=2		
Q9D8Y0	EF-hand domain-containing protein D2 OS=Mus musculus OX=10090 GN=Efh2 PE=1 SV=1		