Supplemental Table S1 - Global LC-MS/MS Full Results				Peptide Spectral Matches (PSM)												Average Peptide Spectral Matches (PSM)										
				Normal 5wk			Normal 20wk			KTC 5 wk			KTC 20wk													
#	Identified Proteins	Gene	Accession	Molecular Weight	1	2	3	1	2	3	1	2	3	1	2	3	Normal Panc (5wk) (n = 3)	Normal Panc (20wk) (n = 3)	KTC PDAC (5wk) (n = 3)	KTC PDAC (20wk) (n = 3)	Visualization	Fold Change (Normal 20wk/ Normal 5wk)	Fold Change (KTC 20wk/ KTC 5wk)	Fold Change (KTC 5wk/ Normal 5wk)	Fold Change (KTC 20wk/ Normal 20wk)	p value (Normal 20wk/ Normal 5wk)	p value (KTC 20wk/ KTC 5wk)	p value (KTC 5wk/ Normal 5wk)	p value (KTC 20wk/ Normal 20wk)
1	Collagen alpha-1(I) chain	Col1a1	CO1A1_MOUSE	138 kDa	528	397	583	519	602	755	1650	1689	1675	1819	1700	1894	503	625	1671	1804		1.24	1.08	3.32	2.89	0.2410	0.1378	0.0015	0.0002
2	Collagen alpha-1(III) chain	Col3a1	CO3A1_MOUSE	139 kDa	430	359	467	468	557	595	1081	1069	1074	895	1055	1082	419	540	1075	1011		1.29	0.94	2.57	1.87	0.0711	0.3872	0.0021	0.0043
3	Collagen alpha-2(I) chain	Col1a2	CO1A2_MOUSE	130 kDa	371	249	368	351	394	562	1190	1123	1194	1210	1204	1350	329	416	1126	1255		1.26	1.11	3.42	3.02	0.2261	0.1046	0.0011	0.0002
4	Pancreatic alpha-amylase	Amy2	AMYP MOUSE	57 kDa	1342	1166	1602	1321	1214	1254	471	369	438	23	33	91	1176	1263	426	49		1.07	0.12	0.36	0.04	0.4544	0.0009	0.0094	0.0000
5	Plectin	Plec	PLEC MOUSE	534 kDa	294	332	385	295	286	199	356	317	359	438	289	251	337	260	344	326		0.77	0.95	1.02	1.25	0.1310	0.7853	0.8287	0.3817
6	Actin, cytoplasmic 2	Actg1	ACTG MOUSE	42 kDa	262	286	253	231	185	195	715	684	731	686	764	644	267	204	710	698		0.76	0.98	2.66	3.43	0.0250	0.7744	0.0000	0.0019
7	Serum albumin	Alb	ALBU MOUSE	69 kDa	396	340	277	335	302	295	683	719	648	739	737	755	338	311	683	744		0.92	1.09	2.02	2.39	0.5228	0.0893	0.0023	0.0001
8	Myosin-9	Myh9	MYH9 MOUSE	226 kDa	166	192	224	120	123	111	567	540	634	496	440	338	194	118	580	425		0.61	0.73	2.99	3.60	0.0402	0.0569	0.0008	0.0215
9	Vimentin	Vim	VIME MOUSE	54 kDa	212	217	237	165	131	177	539	564	499	517	492	419	222	158	534	476		0.71	0.89	2.41	3.02	0.0245	0.1846	0.0012	0.0028
10	78 kDa glucose-regulated protein	Hspa5	GRP78 MOUSE	72 kDa	484	575	543	546	476	508	303	300	319	227	203	216	534	510	307	215		0.96	0.70	0.58	0.42	0.5156	0.0006	0.0107	0.0022
11	Keratin, type I cytoskeletal 18	Krt18	K1C18 MOUSE	48 kDa	310	326	332	261	288	296	282	214	247	435	407	331	323	282	248	391		0.87	1.58	0.77	1.39	0.0394	0.0241	0.0504	0.0596
12	Hemoglobin subunit alpha	Hba	HBA MOUSE	15 kDa	544	329	295	268	210	235	323	583	667	242	311	343	389	238	524	299		0.61	0.57	1.35	1.26	0.1866	0.1530	0.3606	0.1681
13	Chymotrypsinogen B	Ctrb1	CTRB1 MOUSE	28 kDa	603	502	669	546	450	633	316	228	432	24	24	43	591	543	325	30		0.92	0.09	0.55	0.06	0.5378	0.0365	0.0269	0.0167
14	Basement membrane-specific heparan	Hspg2	PGBM MOUSE	398 kDa	238	197	216	247	232	215	259	308	250	196	219	143	217	231	272	186		1.07	0.68	1.25	0.80	0.3971	0.0426	0.0719	0.1711
15	Fibrillin-1	Fbn1	FBN1 MOUSE	312 kDa	87	55	81	55	153	153	207	203	248	229	288	169	74	120	219	229		1.62	1.04	2.95	1.90	0.2923	0.8201	0.0019	0.0845
16	Elongation factor 1-alpha 1	Eef1a1	EF1A1 MOUSE	50 kDa	463	456	461	443	398	398	223	187	229	181	170	152	460	413	213	168		0.90	0.79	0.46	0.41	0.0858	0.0531	0.0023	0.0006
17	Collagen alpha-1(XII) chain	Col12a1	COCA1 MOUSE	340 kDa	0	0	0	1	0	0	391	286	442	396	336	86	0	0	373	273			0.73	818.00	0.4226	0.4140	0.0148	0.1031
18	Protein disulfide-isomerase	P4hb	PDIA1 MOUSE	57 kDa	442	547	463	543	473	484	192	144	176	111	93	91	484	500	171	98		1.03	0.58	0.35	0.20	0.7036	0.0219	0.0041	0.0115
19	Collagen alpha-2(V) chain	Col5a2	CO5A2 MOUSE	145 kDa	55	36	62	73	82	93	152	166	158	195	214	198	51	83	159	202		1.62	1.28	3.11	2.45	0.0346	0.0054	0.0011	0.0001
20	Ribosome-binding protein 1	Rrbp1	RRBP1 MOUSE	173 kDa	299	333	375	309	350	307	166	138	185	142	102	104	336	322	163	116		0.96	0.71	0.49	0.36	0.6324	0.0675	0.0048	0.0004
21	Tubulin beta-4B chain	Tubb4b	TBB4B MOUSE	50 kDa	264	248	258	251	228	183	332	302	307	257	269	222	257	221	314	249		0.86	0.79	1.22	1.13	0.2088	0.0247	0.0124	0.3127
22	Hemoglobin subunit beta-2	Hbb-b2	HBB2 MOUSE	16 kDa	451	410	300	158	83	79	425	604	799	90	133	152	387	107	609	125		0.28	0.21	1.57	1.17	0.0107	0.0429	0.1647	0.5956
23	Protein disulfide-isomerase A2	Pdia2	PDIA2 MOUSE	58 kDa	392	491	389	567	538	478	82	70	74	2	4	12	424	528	75	6		1.24	0.08	0.18	0.01	0.0751	0.0001	0.0085	0.0022
24	Filamin-A	Flna	FLNA MOUSE	281 kDa	81	37	42	65	46	68	314	445	298	236	426	189	53	60	352	284		1.12	0.81	6.61	4.75	0.7113	0.4770	0.0169	0.0893
25	Prelamin-A/C	Lmna	LMNA MOUSE	74 kDa	179	173	162	171	159	177	287	297	293	449	382	357	171	169	292	396		0.99	1.35	1.71	2.34	0.7642	0.0620	0.0001	0.0120
26	Fibronectin	Fn1	FINC MOUSE	273 kDa	86	67	84	57	39	45	486	525	495	299	177	179	79	47	502	218		0.59	0.43	6.35	4.65	0.0168	0.0139	0.0001	0.0490
27	Collagen alpha-1(V) chain	Col5a1	CO5A1 MOUSE	184 kDa	46	41	57	53	52	67	155	150	152	144	164	191	48	57	152	166		1.19	1.09	3.17	2.90	0.2399	0.4121	0.0009	0.0089
28	Collagen alpha-1(VI) chain	Col6a1	CO6A1 MOUSE	108 kDa	132	97	128	97	104	90	253	261	261	212	287	263	119	97	258	254		0.82	0.98	2.17	2.62	0.1756	0.8633	0.0043	0.0167
29	Elongation factor 2	Eef2	EF2 MOUSE	95 kDa	385	405	363	388	314	333	194	151	164	135	128	110	384	345	170	124		0.90	0.73	0.44	0.36	0.2149	0.0495	0.0003	0.0056
30	Collagen alpha-1(XIV) chain	Col14a1	COEA1 MOUSE	193 kDa	31	6	31	6	6	25	333	348	369	255	258	349	23	12	350	287		0.54	0.82	15.44	23.30	0.3831	0.1702	0.0000	0.0100
31	60S ribosomal protein L4	Rpl4	RL4 MOUSE	47 kDa	262	281	285	258	268	244	151	143	150	103	97	89	276	257	148	96		0.93	0.65	0.54	0.38	0.1237	0.0010	0.0012	0.0002
32	Tubulin alpha-4A chain	Tuba4a	TBA4A MOUSE	50 kDa	197	207	199	196	197	165	238	192	230	175	186	147	201	186	220	169		0.93	0.77	1.09	0.91	0.2872	0.0529	0.3112	0.3476
33	Hemoglobin subunit beta-1	Hbb-b1	HBB1 MOUSE	16 kDa	333	306	266	212	188	202	328	467	450	200	231	279	302	201	405	237		0.67	0.58	1.34	1.18	0.0255	0.0717	0.1857	0.2572
34	60S ribosomal protein L3	Rpl3	RL3 MOUSE	46 kDa	202	202	214	208	211	195	115	97	112	64	77	54	206	205	108	65		0.99	0.60	0.52	0.32	0.8439	0.0084	0.0003	0.0001
35	Collagen alpha-2(VI) chain	Col6a2	CO6A2 MOUSE	110 kDa	84	67	90	75	74	67	187	186	210	154	222	214	80	72	194	197		0.90	1.01	2.42	2.73	0.3521	0.9262	0.0004	0.0270
36	Deleted in malignant brain tumors 1 pr	Dmbt1	DMBT1 MOUSE	227 kDa	148	132	171	141	134	105	211	178	254	290	311	220	150	127	214	274		0.84	1.28	1.43	2.16	0.2085	0.1708	0.0816	0.0214
37	Collagen alpha-2(IV) chain	Col4a2	CO4A2 MOUSE	167 kDa	70	68	75	83	93	84	114	128	115	85	95	82	71	87	119	87		1.22	0.73	1.68	1.01	0.0197	0.0064	0.0030	0.9017
38	Chymotrypsin-like elastase family mer	Cela2a	CEL2A MOUSE	29 kDa	472	467	442	449	468	408	96	53	111	2	3	9	460	438	87	5		0.95	0.05	0.19	0.01	0.3013	0.0402	0.0005	0.0001
39	Vigilin	Hdlbp	VIGLN MOUSE	142 kDa	293	298	296	341	269	270	98	76	97	33	31	30	296	293	90	31		0.99	0.35	0.31	0.11	0.9310	0.0134	0.0008	0.0081
40	Clathrin heavy chain 1	Cltc	CLH1 MOUSE	192 kDa	114	124	161	140	113	110	222	214	207	195	177	176	133	121	214	183		0.91	0.85	1.61	1.51	0.5287	0.0172	0.0219	0.0086
41	Filamin-B	Flnb	FLNB MOUSE	278 kDa	88	96	95	104	93	71	185	160	196	225	274	267	93	89	180	255		0.96	1.42	1.94	2.86	0.7458	0.0198	0.0112	0.0017
42	Pancreatic triacylglycerol lipase	Pnlip	LIPP MOUSE	51 kDa	445	402	392	350	358	355	70	52	80	1	0	14	413	354	67	5		0.86	0.07	0.16	0.01	0.0662	0.0061	0.0004	0.0000
43	Heat shock cognate 71 kDa protein	Hspa8	HSP7C MOUSE	71 kDa	186	206	217	197	155	163	232	224	247	246	240	240	203	172	230	244		0.85	1.06	1.13	1.42	0.1255	0.0226	0.0244	0.0272
44	40S ribosomal protein S2	Rps2	RS2 MOUSE	31 kDa	152	178	183	170	170	154	108	76	84	63	57	44	171	165	89	55		0.96	0.61	0.52	0.33	0.6033	0.0479	0.0039	0.0001
45	40S ribosomal protein S3	Rps3	RS3 MOUSE	27 kDa	277	262	267	260	244	243	146	112	133	74	89	65	269	249	130	76		0.93	0.58	0.49	0.31	0.0521	0.0140	0.0015	0.0001
46	60S ribosomal protein L7	Rpl7	RL7 MOUSE	31 kDa	202	210	208	200	208	188	98	79	98	58	65	46	207	199	92	56		0.96	0.61	0.44	0.28	0.3030	0.0142	0.0011	0.0007
47	ATP synthase subunit alpha, mitochor	Atp5a1	ATPA MOUSE	60 kDa	206	205	206	214	175	186	132	125	143	165	201	140	206	192	133	169		0.93	1.27	0.65	0.88	0.3511	0.1766	0.0051	0.3473
48	Spectrin alpha chain, non-erythrocytic	Sptan1	SPTA1 MOUSE	285 kDa	115	92	111	89	68	68	215	245	217	248	328	311	106	78	226	311		0.73	1.38	2.13	4.00	0.0401	0.0035	0.0009	0.0001
49	60S ribosomal protein L6	Rpl6	RL6 MOUSE	33 kDa	201	202	192	200	193	185	101	92	111	77	82	78	198	193	101	79		0.97	0.78	0.51	0.41	0.3562	0.0468	0.0004	0.0005
50	Collagen alpha-1(IV) chain	Col4a1	CO4A1 MOUSE	161 kDa	69	66	65	65	60	73	84	92	91	61	59	56	67	66	89	59		0.99	0.66	1.34	0.89	0.8798	0.0014	0.0048	0.1832
51	Histone H4	Hist1h4a	H4 MOUSE	11 kDa	165	219	171	163	151	154	232	191	249	207	247	201	185	156	224	218		0.84	0.97	1.21	1.40	0.2285	0.8137	0.1831	0.0427
52	60S ribosomal protein L7a	Rpl7a	RL7A MOUSE	30 kDa	227	251	247	239	221	230	116	125	126	93	83	87	242	230	122	88		0.95	0.72	0.51	0.38	0.2748	0.0013	0.0011	0.0001
53	Staphylococcal nuclease domain-cont	Snd1	SND1 MOUSE	102 kDa	273	300	268	357	275	290	89	78	114	34	30	48	280	307	94	37		1.10	0.40	0.33	0.12	0.2684	0.0184	0.0002	0.0066
54	Carboxypeptidase A1	Cpa1	CBPA1 MOUSE	47 kDa	387	398	318	360	309	373	98	71	113	3	8	14	368	347	94	8		0.94	0.09	0.26	0.02	0.5587	0.0152	0.0026	0.0027
55	Myosin-11	Myh11	MYH11 MOUSE	227 kDa	67	11	30	51	56	58	143	368	100	29	516	133	36	55	204	226		1.53	1.11	5.66	4.11	0.3671	0.9033	0.1770	0.3675
56	40S ribosomal protein S4, X isoform	Rps4x	RS4X MOUSE	30 kDa	198	209	188	199	174	182	82	72	91	48	51	42	198	185	82	47		0.93	0.58	0.41	0.25	0.2375	0.0120	0.0001	0.0011
57	Dolichyl-diphosphooligosaccharide--pr	Rpn1	RPN1 MOUSE	69 kDa	173	151	165	175	194	150	100	77	93	65	58	59	163	173	90	61		1.06	0.67	0.55	0.35	0.5346	0.0394	0.0015	0.0109
58	Endoplasmin	Hsp90b1	ENPL MOUSE	92 kDa	193	229	220	247	197	190	141	123	151	99	105	92	214	211	138	99		0.99	0.71	0.65	0.47	0.9061	0.0250	0.0062	0.0207
59	Lamin-B1	Lmnb1	LMNB1 MOUSE	67 kDa	103	130	125	95	80	89	184	152	163	204	207	190	119	88	166	200		0.74	1.20	1.39	2.28	0.0437	0.0478	0.0205	0.0001
60	Laminin subunit alpha-2	Lama2	LAMA2 MOUSE	344 kDa	167	154	203	170	189	168	61	57	73	18	21	12	175	176	64	17		1.01	0.27	0.36	0.10	0.9547	0.0030	0.0108	0.0005
61	Spectrin beta chain, non-erythrocytic	Sptbn1	SPTB2 MOUSE	274 kDa	82	68	76	52	56	43	147	147	139	193	200	187	75	50	144	193		0.67	1.34	1.92	3.84	0.0111	0.0007	0.0003	0.0000
62	Cytoplasmic dynein 1 heavy chain 1	Dync1h1	DYHC1 MOUSE	532 kDa	113	128	107	127	104	81	127	112	113	139	122	128	116	104	117	130		0.90	1.11	1.01	1.25	0.4764	0.1504	0.8747	0.1839
63	Bile salt-activated lipase	Cel	CEL MOUSE	66 kDa	341	272	305	265	214	260	86	70	86	4	9	22	306	246	84	12		0.81	0.14	0.27	0.05	0.0837	0.0022	0.0036	0.0023
64	Histone H3.2	Hist1h3b	H32 MOUSE	15 kDa	70	81	65	43	32	52	90	66	78	78	85	79	72	42	78	81		0.59	1.03	1.08	1.91	0.0178	0.7435	0.5188	0.0133
65	Fibrinogen beta chain	Fgb	FIBB MOUSE	55 kDa	65	80	66	38	39	46	237	301	304	87	73	122	70	41	281	94		0.58	0.33	3.99	2.29	0.0125	0.0034	0.0082	0.0640
66	ADP/ATP translocase 2	Slc25a5	ADT2 MOUSE	33 kDa	198	186	206	180	192	157	107	82	89	88	93	78	197	176	93	86		0.90	0.93	0.47	0.49	0.1786	0.5135	0.0005	0.0057
67	Serotransferrin	Tf	TRFE MOUSE	77 kDa	107	89	102	78	85	83	267	265	211	201	155	214	99	82	248	190		0.83	0.77	2.49	2.32	0.0689	0.0877	0.0102	0.0251
68	Fibrinogen alpha chain	Fga	FIBA MOUSE	87 kDa	51	44	47	36	27	45	189	231	208	66	54	82	47	36	211	67		0.76	0.32	4.46	1.67	0.1492	0.0273	0.0167	0.0395
69	60S ribosomal protein L13a	Rpl13a	RL13A MOUSE	23 kDa	117	134	119	131	122	104	59	40	51	32	27	22	123	119	50	27		0.96	0.54	0.41	0.23	0.6775	0.0339	0.0007	0.0035
70	Keratin, type II cytoskeletal 7	Krt7	K2C7 MOUSE	51 kDa	32	32	39	33	28	39	207	185	204	336	297	256	34	33	199	296		0.97	1.49	5.79	8.89	0.8134	0.0422	0.0007	0.0068
71	ATP-dependent RNA helicase DDX3X	Ddx3x	DDX3X MOUSE	73 kDa	157	157	178	146	165	125	89	70	90	69	67	48	164	145	83	61		0.89	0.74	0.51	0.42	0.2533	0.0811	0.0011	0.0086
72	Heterogeneous nuclear ribonucleoprot	Hnrnpk	HNRPK MOUSE	51 kDa	116	137	143	105	118	96	158	128	153	148	158	107	132	106	146	138		0.81	0.94	1.11	1.29	0.0725	0.6633	0.3121	0.1720
73	Laminin subunit gamma-1	Lamc1	LAMC1 MOUSE	177 kDa	107	109	136	123	117	100	59	66	73	59	82	57	117	120	98	71		1.03	0.72	0.84	0.59	0.7807	0.0418	0.1691	0.0186
74	40S ribosomal protein S11	Rps11	RS11 MOUSE	18 kDa	149	145	119	136	131	131	56	47	51	45	39	39	138	133	51	41		0.96	0.80	0.37	0.31	0.6501	0.0378	0.0079	0.0000
75	ATP synthase subunit beta, mitochond	Atp5b	ATPB MOUSE	56 kDa	183	189	149	167	148	143	127	138	134	199	199	178	174	153	133	192		0.88	1.44	0.77	1.26	0.2356	0.0058	0.0741	0.0178
76	Heterogeneous nuclear ribonucleoprot	Hnrnpm	HNRPM MOUSE	78 kDa	86	94	95	66	71	71	165	137	146	145	137	133	92	69	149	138		0.76	0.93	1.63	2.00	0.0052	0.3162	0.0126	0.0005
77	Fibrinogen gamma chain	Fgg	FIBG MOUSE	49 kDa	78	77	72	60	52	54	211	250	256	79	92	101	76	55	239	91		0.73	0.38	3.16	1.64	0.0032	0.0033	0.0066	0.0205
78	Talin-1	Tln1	TALN1 MOUSE	270 kDa	54	57	53	34	39	33	221	215	185	155	209	127	55	35	207	164		0.65	0.79	3.79	4.63	0.0018	0.2065	0.0049	0.1326
79	Heterogeneous nuclear ribonucleoprot	Hnrnpu	HNRPU MOUSE	88 kDa	85	91	88	80	68	61	131	106	119	108	115	87	88	70	119	103		0.79	0.87	1.35	1.48	0.0695	0.2403	0.0446	0.0358
80	Eukaryotic translation initiation factor	Eif3a	EIF3A MOUSE	162 kDa	142	159	154	154	142	112	69	47	68	30	33	28	152	136	61	30		0.90	0.49	0.40	0.22	0.3392	0.0448	0.0009	0.0128
81	Inactive pancreatic lipase-related prot	Pnliprp1	LIPR1 MOUSE	53 kDa	295	234	239	227	199	167	177	119	162	8	15	24	256	198	153	16		0.77	0.10	0.60	0.08	0.0903	0.0114	0.0173	0.0060
82	60S ribosomal protein L10	Rpl10	RL10 MOUSE	25 kDa	136	142	124	139	127	134	78	54	72	48	52	35	134	133	68	45		1.00	0.66	0.51	0.34	0.9220	0.0666	0.0025	0.0003
83	Biglycan	Bgn	PGS1 MOUSE	42 kDa	22	10	24	18	17	37	228	218	222	211	244	219	19	24	223	225		1.29	1.01	11.93	9.36	0.5386	0.8623	0.0000	0.0002
84	Desmoplakin	Dsp	DESP MOUSE	333 kDa	54	78	77	62	81	38	30	26	42	67	61	52	70	60	33	60		0.87	1.84	0.47	0.99	0.5661	0.0138	0.0228	0.9817
85	Clusterin	Clu	CLUS MOUSE	52 kDa	27	16	24	21	18	16	165	129	137	264	322	360	22	18	144	315		0.82	2.19	6.43	17.20	0.3529	0.0155	0.0048	0.0086
86	60S ribosomal protein L8	Rpl8	RL8 MOUSE	28 kDa	110	155	144	140	140	144	49	42	53	34	37	30	136	141	48	34		1.04	0.70	0.35	0.24	0.7480	0.0266	0.0183	0.0000
87	Protein disulfide-isomerase A3	Pdia3	PDIA3 MOUSE	57 kDa	121	140	119	123	134	108	168	146	153	131	130	130	127	122	156	130		0.96	0.84	1.23	1.07	0.6462	0.0594	0.0359	0.3690
88	Chymotrypsin-like elastase family mer	Cela1	CEL1 MOUSE	29 kDa	279	233	236	247	250	237	23	33	23	2	4	7	249	248	31	4		0.99	0.14	0.12	0.02	0.9368	0.0153	0.0027	0.0006
89	Collagen alpha-1(VII) chain	Col7a1	CO7A1 MOUSE	295 kDa	2	2	2	4	5	6	3	4	11	45	26	20	2	5	6	30		2.50	5.06	3.00	6.07	0.0351	0.0717	0.2529	0.0774
90	Laminin subunit beta-1	Lamb1	LAMB1 MOUSE	197 kDa	116	107	131	118	129	101	89	77	90	31	29	24	118	116	85	28		0.98	0.33	0.72	0.24	0.8615	0.0013	0.0238	0.0058
91	40S ribosomal protein S6	Rps6	RS6 MOUSE	29 kDa	142	132	146	166	135	121	93	76	91	65	57	51	140	141	87	58		1.00	0.67	0.62	0.41	0.9655	0.0146	0.0018	0.0178
92	Serpin H1	Serpinh1	SERPH MOUSE	47 kDa	45	54	50	21	20	25	265	236	242	157	130	119	50	22	248	135		0.44	0.55	4.99	6.15	0.0020	0.0018	0.0010	0.0068
93	40S ribosomal protein S9	Rps9	RS9 MOUSE	23 kDa	114	123	115	103	98	104	70	54	58	51	41	39	117	102	61	44		0.87	0.73	0.52	0.44	0.0142	0.0664	0.0014	0.0020
94	60S ribosomal protein L18a	Rpl18a	RL18A MOUSE	21 kDa	128	124	128	128	102	110	48	44	45	33	30	22	127	113	46	28		0.89	0.62	0.36	0.25	0.2225	0.0234	0.0000	0.0031
95	Nidogen-1	Nid1	NID1 MOUSE	137 kDa	105	88	103	97	91	101	117	124	108	89	97	86	99	96	116	91		0.98	0.78	1.18	0.94	0.7270	0.0135	0.0686	0.2667
96	Transitional endoplasmic reticulum AT	Vcp	TERA MOUSE	89 kDa	121	137	138	115	101	105	116	138	116	109	110	105	132	107	123	108		0.81	0.88	0.93	1.01	0.0252

154	Tenascin	Tnc	TENA_MOUSE	232 kDa	0	1	0	0	0	208	177	240	62	41	12	0	0	208	38	0.00	0.18	625.00		0.4226	0.0022	0.0075	0.1182
155	Pregnancy zone protein	Pzp	PZP_MOUSE	166 kDa	33	57	26	20	28	38	164	177	126	58	82	92	39	29	156	77	0.74	0.50	4.03	2.70	0.4178	0.0175	0.0053	0.0234
156	Valine--tRNA ligase	Vars	SYVC_MOUSE	140 kDa	85	80	98	96	102	93	63	49	63	31	39	36	88	97	58	35	1.11	0.61	0.67	0.36	0.2191	0.0226	0.0151	0.0001
157	Probable ATP-dependent RNA helicas	Ddx5	DDX5_MOUSE	69 kDa	59	73	61	52	49	47	96	73	104	75	80	56	64	49	91	70	0.77	0.77	1.41	1.43	0.0633	0.1593	0.0851	0.0976
158	Chymotrypsin-like elastase family mer	Cela3b	CEL3B_MOUSE	29 kDa	160	164	154	133	113	127	48	34	49	3	5	10	159	124	44	6	0.78	0.14	0.27	0.05	0.0141	0.0078	0.0001	0.0010
159	Annexin A2	Anxa2	ANXA2_MOUSE	39 kDa	42	34	39	38	28	41	100	95	101	138	144	135	38	36	99	139	0.93	1.41	2.57	3.90	0.5976	0.0004	0.0001	0.0001
160	Eukaryotic initiation factor 4A-I	Eif4a1	IF4A1_MOUSE	46 kDa	93	117	90	106	83	74	57	46	64	41	50	34	100	88	56	42	0.88	0.75	0.56	0.48	0.3904	0.1169	0.0173	0.0242
161	Heterogeneous nuclear ribonucleoprot	Hnrnpa3	ROA3_MOUSE	40 kDa	67	62	59	58	55	49	80	77	69	94	85	73	63	54	75	84	0.86	1.12	1.20	1.56	0.0709	0.2968	0.0400	0.0247
162	Laminin subunit alpha-4	Lama4	LAMA4_MOUSE	202 kDa	69	76	79	63	54	64	59	67	65	21	35	27	75	60	64	28	0.81	0.43	0.85	0.46	0.0302	0.0035	0.0472	0.0038
163	Nucleoside diphosphate kinase A	Nme1	NDKA_MOUSE	17 kDa	105	129	91	94	92	83	71	74	83	63	72	53	108	90	76	63	0.83	0.82	0.70	0.70	0.2294	0.1231	0.0886	0.0202
164	Heterogeneous nuclear ribonucleoprot	Hnrnpd	HNRPD_MOUSE	70 kDa	76	82	89	72	74	65	49	44	49	46	43	24	82	71	47	38	0.86	0.80	0.57	0.53	0.0732	0.2937	0.0046	0.0273
165	Prohibitin	Phb	PHB_MOUSE	30 kDa	72	68	83	61	54	47	73	74	66	95	84	62	74	54	71	80	0.73	1.13	0.96	1.49	0.0286	0.4399	0.5611	0.0975
166	Fatty acid synthase	Fasn	FAS_MOUSE	272 kDa	62	50	53	45	52	31	69	116	55	53	45	103	55	43	80	67	0.78	0.84	1.45	1.57	0.1766	0.6418	0.3069	0.3112
167	Protein disulfide-isomerase A4	Pdia4	PDIA4_MOUSE	72 kDa	81	70	76	83	94	89	45	67	71	59	63	56	76	89	61	59	1.17	0.97	0.81	0.67	0.0445	0.8581	0.2035	0.0028
168	La-related protein 1	Larp1	LARP1_MOUSE	121 kDa	94	87	83	84	90	72	14	8	22	6	6	2	88	82	15	5	0.93	0.32	0.17	0.06	0.3981	0.1214	0.0002	0.0030
169	Mimecan	Ogn	MIME_MOUSE	34 kDa	12	11	14	11	15	12	22	15	58	68	91	99	117	12	15	67	1.22	1.53	5.43	6.82	0.5306	0.0263	0.0133	0.0026
170	Annexin A6	Anxa6	ANXA6_MOUSE	76 kDa	76	83	104	72	77	69	66	65	69	46	59	53	88	73	67	53	0.83	0.79	0.76	0.72	0.2110	0.0539	0.1272	0.0160
171	Catenin delta-1	Ctnnd1	CTND1_MOUSE	105 kDa	57	63	58	52	41	34	66	64	66	60	67	41	59	42	65	56	0.71	0.86	1.10	1.32	0.0699	0.3524	0.0702	0.2279
172	60 kDa heat shock protein, mitochond	Hspd1	CH60_MOUSE	61 kDa	102	94	102	92	70	68	68	64	73	78	75	60	99	77	68	71	0.77	1.04	0.69	0.93	0.0855	0.6953	0.0011	0.5856
173	Nucleolin	Ncl	NUCL_MOUSE	77 kDa	100	96	90	80	68	61	80	67	68	71	72	57	95	70	72	67	0.73	0.93	0.75	0.96	0.0259	0.4788	0.0126	0.7049
174	Bifunctional glutamate/proline--tRNA l	Eprs	SYEP_MOUSE	170 kDa	83	101	106	81	74	78	47	36	48	23	26	20	97	78	44	23	0.80	0.53	0.45	0.30	0.1030	0.0184	0.0062	0.0000
175	Ubiquitin-like modifier-activating enzyn	Uba1	UBA1_MOUSE	118 kDa	68	83	83	71	77	67	66	66	73	76	79	67	78	72	68	74	0.92	1.08	0.88	1.03	0.3487	0.2683	0.1835	0.6420
176	60S ribosomal protein L28	Rpl28	RL28_MOUSE	16 kDa	58	77	69	73	65	69	25	29	33	28	27	23	68	69	29	26	1.01	0.90	0.43	0.38	0.8788	0.3481	0.0102	0.0002
177	60S ribosomal protein L17	Rpl17	RL17_MOUSE	21 kDa	89	85	97	90	81	90	50	42	40	35	29	26	90	87	44	30	0.96	0.68	0.49	0.34	0.5124	0.0266	0.0006	0.0002
178	Ubiquitin-40S ribosomal protein S27a	Rps27a	RS27A_MOUSE	18 kDa	65	69	58	58	51	59	48	50	46	58	43	42	64	56	48	48	0.88	0.99	0.75	0.85	0.1257	0.9551	0.0271	0.2465
179	40S ribosomal protein S16	Rps16	RS16_MOUSE	16 kDa	76	84	74	83	65	70	46	39	42	33	26	18	75	46	34	34	0.96	0.73	0.59	0.45	0.6551	0.0975	0.0023	0.0044
180	Protein disulfide-isomerase A6	Pdia6	PDIA6_MOUSE	48 kDa	117	100	109	97	84	78	64	56	63	35	34	38	109	86	61	36	0.79	0.58	0.56	0.41	0.0410	0.0034	0.0033	0.0095
181	Splicing factor, proline- and glutamine-	Sfpq	SFPQ_MOUSE	75 kDa	39	59	46	31	24	24	51	68	86	65	65	52	48	26	68	61	0.55	0.89	1.42	2.30	0.0509	0.5407	0.1741	0.0056
182	Cytochrome b-c1 complex subunit 2, r	Uqcrc2	QCR2_MOUSE	48 kDa	77	61	70	64	56	47	69	57	49	81	70	54	69	56	58	68	0.80	1.17	0.84	1.23	0.1131	0.3679	0.2163	0.2552
183	Collagen alpha-1(XV) chain	Col15a1	COF1A1_MOUSE	140 kDa	45	43	38	41	42	30	50	44	56	38	36	26	42	38	50	33	0.90	0.67	1.19	0.88	0.3929	0.0306	0.1343	0.4630
184	Hemopexin	Hpx	HEMO_MOUSE	51 kDa	17	29	19	11	15	20	61	184	137	52	74	82	22	15	161	69	0.71	0.43	7.42	4.52	0.2427	0.0075	0.0062	0.0198
185	Laminin subunit alpha-5	Lama5	LAMA5_MOUSE	404 kDa	10	5	16	12	17	16	44	44	44	60	76	53	10	15	44	63	1.45	1.43	4.26	4.20	0.2812	0.1080	0.0088	0.0158
186	Prohibitin-2	Phb2	PHB2_MOUSE	33 kDa	78	58	68	51	43	40	65	62	67	68	61	51	68	45	65	60	0.66	0.93	0.95	1.34	0.0358	0.4476	0.6263	0.0699
187	60S ribosomal protein L27a	Rpl27a	RL27A_MOUSE	17 kDa	60	79	73	66	69	69	43	37	44	29	30	24	71	68	41	28	0.96	0.67	0.58	0.41	0.6833	0.0095	0.0229	0.0003
188	NAD(P) transhydrogenase, mitochond	Nnt	NNTM_MOUSE	114 kDa	69	57	60	55	70	46	20	17	13	8	10	11	62	57	17	10	0.92	0.58	0.27	0.17	0.5707	0.0576	0.0013	0.0198
189	Sarcoplasmic/endoplasmic reticulum c	Atp2a2	AT2A2_MOUSE	115 kDa	57	59	73	66	79	67	23	38	30	33	29	23	63	71	30	28	1.12	0.93	0.48	0.40	0.3082	0.7236	0.0084	0.0018
190	Stress-70 protein, mitochondrial	Hspa9	GRP75_MOUSE	73 kDa	77	76	79	56	45	46	61	60	70	78	61	65	77	49	64	68	0.63	1.07	0.82	1.39	0.0112	0.5199	0.0418	0.0445
191	Histone H1.3	Hist1h1d	H13_MOUSE	22 kDa	55	75	60	60	41	52	99	70	75	82	84	83	63	51	81	83	0.81	1.02	1.28	1.63	0.2053	0.8696	0.1804	0.0273
192	Heterogeneous nuclear ribonucleoprot	Hnrnph1	HNRH1_MOUSE	49 kDa	43	49	46	34	37	38	74	75	87	74	72	59	46	36	79	68	0.79	0.87	1.71	1.88	0.0133	0.1767	0.0080	0.0161
193	Mitochondrial 10-formyltetrahydrofolat	Aldh1l2	AL1L2_MOUSE	102 kDa	89	90	90	124	93	97	24	17	23	0	0	0	90	105	21	0	1.17	0.00	0.24	0.00	0.2632	0.0103	0.0008	0.0085
194	eIF-2-alpha kinase activator GCN1	Gcn1	GCN1_MOUSE	293 kDa	84	80	71	88	78	69	22	17	19	6	7	4	78	78	19	6	1.00	0.29	0.25	0.07	1.0000	0.0028	0.0016	0.0046
195	60S ribosomal protein L5	Rpl5	RL5_MOUSE	34 kDa	84	87	80	90	76	66	37	30	43	25	30	21	84	77	37	25	0.92	0.69	0.44	0.33	0.4628	0.0760	0.0014	0.0100
196	Malate dehydrogenase, mitochondrial	Mdh2	MDHM_MOUSE	36 kDa	81	77	75	85	66	66	66	60	61	67	79	77	78	72	62	74	0.93	1.19	0.80	1.03	0.4924	0.0644	0.0039	0.8018
197	60S ribosomal protein L9	Rpl9	RL9_MOUSE	22 kDa	81	73	74	75	75	70	46	41	45	33	27	29	76	73	44	30	0.96	0.67	0.58	0.40	0.4339	0.0038	0.0011	0.0001
198	Collagen alpha-5(VI) chain	Col6a5	CO6A5_MOUSE	290 kDa	7	4	16	2	3	9	74	71	65	16	65	43	9	5	70	41	0.52	0.59	7.78	8.86	0.3735	0.1767	0.0003	0.1193
199	Lamin-B2	Lmnb2	LMNB2_MOUSE	67 kDa	39	43	36	52	41	52	70	57	61	114	112	110	39	48	63	112	1.23	1.79	1.59	2.32	0.1175	0.0034	0.0123	0.0018
200	Microtubule-actin cross-linking factor	Macf1	MACF1_MOUSE	832 kDa	4	14	8	7	9	3	6	5	8	3	2	1	9	6	6	2	0.73	0.32	0.73	0.32	0.5376	0.0199	0.5116	0.1223
201	Transketolase	Tkt	TKT_MOUSE	68 kDa	38	44	55	42	49	52	75	67	71	116	110	120	46	48	71	115	1.04	1.62	1.55	2.42	0.7510	0.0004	0.0218	0.0001
202	Alpha-enolase	Eno1	ENOA_MOUSE	47 kDa	33	46	34	37	35	31	86	68	81	120	117	99	38	34	78	112	0.91	1.43	2.08	3.26	0.5210	0.0178	0.0047	0.0046
203	D-3-phosphoglycerate dehydrogenase	Phgdh	SERA_MOUSE	57 kDa	115	132	122	113	94	104	36	23	35	5	4	7	123	104	31	5	0.84	0.17	0.25	0.05	0.0595	0.0210	0.0002	0.0028
204	Dynamin-2	Dnm2	DYN2_MOUSE	98 kDa	28	34	22	18	21	9	64	44	62	47	50	27	28	16	57	41	0.57	0.73	2.02	2.58	0.0745	0.1873	0.0272	0.0531
205	Cytochrome c oxidase subunit 4 isofo	Cox4i1	COX41_MOUSE	20 kDa	56	64	58	57	65	55	41	34	40	44	35	31	59	59	38	37	0.99	0.96	0.65	0.62	0.9360	0.7301	0.0030	0.0117
206	60S ribosomal protein L21	Rpl21	RL21_MOUSE	19 kDa	45	41	46	45	34	33	32	25	24	14	23	10	44	37	27	16	0.85	0.58	0.61	0.42	0.2185	0.0793	0.0079	0.0163
207	60S ribosomal protein L23	Rpl23	RL23_MOUSE	15 kDa	104	106	97	93	87	85	60	36	44	25	28	22	102	88	47	25	0.86	0.54	0.46	0.28	0.0188	0.0841	0.0084	0.0001
208	60S ribosomal protein L32	Rpl32	RL32_MOUSE	16 kDa	50	59	59	63	54	51	42	23	36	22	29	21	56	56	34	24	1.00	0.71	0.60	0.43	1.0000	0.2211	0.0380	0.0028
209	Cytochrome c oxidase subunit 5A, mit	Cox5a	COX5A_MOUSE	16 kDa	47	40	56	55	46	47	42	42	37	54	53	42	48	49	44	60	1.03	1.12	0.93	1.01	0.7774	0.4508	0.0527	0.9481
210	Eukaryotic translation initiation factor	Eif3c	EIF3C_MOUSE	106 kDa	69	79	80	60	71	55	29	15	26	16	15	10	76	62	23	14	0.82	0.59	0.31	0.22	0.0816	0.1375	0.0008	0.0043
211	Elongation factor 1-gamma	Eef1g	EF1G_MOUSE	50 kDa	91	88	88	71	74	73	33	37	37	26	22	22	89	73	36	23	0.82	0.65	0.40	0.32	0.0003	0.0028	0.0000	0.0000
212	Glutathione S-transferase omega-1	Gsto1	GSTO1_MOUSE	27 kDa	3	4	4	5	7	12	29	26	24	132	205	213	4	8	26	183	2.18	6.96	7.18	22.92	0.1699	0.0256	0.0028	0.0204
213	Glutathione S-transferase P 1	Gstp1	GSTP1_MOUSE	24 kDa	81	86	88	95	76	83	38	33	51	49	44	40	85	85	41	44	1.00	1.09	0.48	0.52	0.9592	0.5836	0.0075	0.0084
214	Transmembrane emp24 domain-conta	Tmed10	TMED4_MOUSE	25 kDa	76	77	79	61	77	61	29	27	31	27	21	20	77	66	36	23	0.86	0.64	0.46	0.34	0.1722	0.0449	0.0049	0.0073
215	Collagen alpha-1(XVIII) chain	Col18a1	COIA1_MOUSE	182 kDa	1	3	3	5	3	4	32	39	49	23	25	25	2	4	40	24	1.71	0.61	17.14	6.08	0.1332	0.0839	0.0154	0.0000
216	2-amino-3-ketobutyrate coenzyme A li	Gcat	KBL_MOUSE	45 kDa	104	118	122	146	126	134	25	12	26	0	3	3	115	135	21	2	1.18	0.10	0.18	0.01	0.0608	0.0462	0.0002	0.0015
217	Alpha-actinin-1	Actn1	ACTN1_MOUSE	103 kDa	20	30	31	26	26	30	76	91	78	85	91	69	27	27	82	82	1.01	1.00	3.02	2.99	0.9358	1.0000	0.0011	0.0117
218	14-3-3 protein epsilon	Ywhae	1433E_MOUSE	29 kDa	70	64	56	61	64	54	65	61	63	80	67	67	63	60	63	71	0.84	1.22	0.99	1.20	0.5093	0.1883	0.9433	0.0992
219	Profilin-1	Pfn1	PROF1_MOUSE	15 kDa	55	75	61	54	41	44	25	30	34	104	74	104	74	64	45	97	0.71	0.86	1.53	1.87	0.0707	0.3379	0.0200	0.0428
220	Cytochrome b-c1 complex subunit 1, r	Uqcrc1	QCR1_MOUSE	53 kDa	65	58	55	61	49	34	53	39	53	61	58	40	59	48	48	53	0.81	1.10	0.81	1.10	0.2819	0.5963	0.1301	0.6503
221	Polymerase I and transcript release fa	Ptrf	PTRF_MOUSE	44 kDa	43	51	61	48	39	44	57	89	48	73	81	59	52	44	65	71	0.85	1.10	1.25	1.63	0.2647	0.6818	0.4138	0.0367
222	60S ribosomal protein L24	Rpl24	RL24_MOUSE	18 kDa	77	83	78	79	79	78	49	48	57	40	39	35	79	79	51	38	0.99	0.74	0.65	0.48	0.7556	0.0248	0.0022	0.0006
223	Tight junction protein ZO-1	Tjp1	ZO1_MOUSE	195 kDa	44	53	40	38	35	42	44	49	53	69	66	43	46	38	49	59	0.84	1.22	1.07	1.55	0.1891	0.3231	0.5579	0.1176
224	60S ribosomal protein L12	Rpl12	RL12_MOUSE	18 kDa	76	95	93	93	93	85	46	38	44	25	33	27	88	90	43	28	1.03	0.66	0.48	0.31	0.7487	0.0135	0.0092	0.0001
225	Transforming growth factor-beta-induc	Tgfbi	BGH3_MOUSE	75 kDa	1	2	1	1	3	1	114	73	114	54	76	82	1	2	100	71	1.25	0.70	75.25	42.40	0.6856	0.1530	0.0185	0.0144
226	Spectrin alpha chain, erythrocytic 1	Spta1	SPTA1_MOUSE	280 kDa	100	44	44	19	25	11	20	56	89	4	7	12	63	18	55	8	0.29	0.14	0.88	0.42	0.1351	0.1389	0.7928	0.1016
227	Aconitate hydratase, mitochondrial	Aco2	ACON_MOUSE	85 kDa	82	63	56	71	65	66	49	54	51	61	60	62	67	67	51	61	1.00	1.19	0.77	0.91	0.9702	0.0126	0.1775	0.0652
228	Alpha-1-antitrypsin 1-2	Serpina1b	A1AT2_MOUSE	46 kDa	29	41	37	22	28	35	145	162	139	53	53	65	36	28	149	57	0.79	0.38	4.17	2.01	0.2281	0.0010	0.0007	0.0065
229	Ribonuclease inhibitor	Rnh1	RINI_MOUSE	50 kDa	106	91	99	93	91	75	30	37	45	42	44	35	99	86	47	40	0.88	0.86	0.48	0.47	0.1650	0.4173	0.0042	0.0062
230	Tubulin alpha-1A chain	Tuba1a	TBA1A_MOUSE	50 kDa	49	46	47	34	47	30	74	73	80	68	72	58	47	37	76	66	0.78	0.87	1.60	1.78	0.1785	0.1313	0.0023	0.0129
231	Nascent polypeptide-associated comp	Naca	NACAM_MOUSE	220 kDa	14	19	16	22	19	17	11	14	12	11	14	9	16	19	12	11	1.18	0.92	0.76	0.59	0.2181	0.5942	0.0921	0.0176
232	Glutamate dehydrogenase 1, mitocho	Glud1	DHE3_MOUSE	61 kDa	79	77	65	74	61	62	53	46	51	45	47	45	74	66	50	46	0.89	0.91	0.68	0.70	0.2565	0.1640	0.0183	0.0380
233	Tubulin beta-5 chain	Tubb5	TBB5_MOUSE	50 kDa	47	60	45	40	40	31	67	65	64	68	55	45	51	37	65	56	0.73	0.86	1.29	1.51	0.0817	0.2952	0.0845	0.0868
234	Aldehyde dehydrogenase, mitochondri	Aldh2	ALDH2_MOUSE	57 kDa	30	48	41	41	40	31	59	64	47	88	97	83	40	40	57	89	1.01	1.58	1.43	2.23	0.9552	0.0082	0.0018	0.0068
235	Myosin light polypeptide 6	Myl6	MYL6_MOUSE	17 kDa	39	37	36	34	30	34	98	101	83	66	93	64	37	33	94	74	0.88	0.79	2.52	2.28	0.0515	0.1611	0.0083	0.0444
236	Leukocyte elastase inhibitor A	Serpinb1a	ILEUA_MOUSE	43 kDa	62	73	53	84	68	66	45	42	42	31	37	21	63	73	43	30	1.16	0.69	0.69	0.41	0.2854	0.0978	0.0726	0.0048
237	Major vault protein	Mvp	MVP_MOUSE	96 kDa	18	27	20	24	20	21	72	59	68	87	103	81	22	22	66	90	1.00	1.36	3.06	4.17	1.0000	0.0462	0.0011	0.0074
238	EMILIN-1	Emilin1	EMIL1_MOUSE	108 kDa	4	4	6	4	2	7	82	75	84	87	60	58	5	4	80	68	0.93	0.85	17.21	15.77	0.8490	0.3274	0.0007	0.0187
239	Collagen alpha-1(XVI) chain	Col16a1	COGA1_MOUSE	156 kDa	0	0	1	1	0	1	4	11	17	13	10	0	1	3	13	3	2.00	4.00	10.00	20.00	0.5185	0.0260	0.0286	0.0223
240	Calnexin	Canx	CALX_MOUSE	67 kDa	52	57	55	54	54	48	42	39	37	41	29	33	55	52	39	34	0.95	0.87	0.72	0.66	0.3468	0.2917	0.0017	0.0200
241	Melanoma inhibitory activity protein 2	Mia2	MIA2_MOUSE	156 kDa	37	40	36	34	40	25	4	5	8	3	5	4	38	33	6	4	0.88	0.71	0.15	0.12	0.3981	0.3033	0.0000	0.0203
242	E3 ubiquitin-protein ligase NEDD4	Nedd4	NEDD4_MOUSE	103 kDa	48	45	43	41	48	25	30	33	30	21	26	19	45	38	31	22	0.84	0.71	0.68	0.58	0.3946	0.0323	0.0020	0.1335
243	Plasminogen	Plg	PLMN_MOUSE	91 kDa	13	18	14	11	8	12	114	131	116	33	50	58	15	10	120	47	0.69	0.39	8.02	4.55	0.0778	0.0019	0.0014	0.0332
244	Apolipoprotein A-I	Apoa1	APOA1_MOUSE	31 kDa	33	41	32	23	17	31	89	82	95	38	80	72	35	24	89	63	0.67	0.71	2.51	2.68	0.0857	0.1808	0.0005	0.0799
245	Zymogen granule membrane protein 1	Zg16	ZG16_MOUSE	18 kDa	71	71	63	77	53	69	25	22	29	0	0	1	68	66	25	0	0.97	0.01	0.37	0.01	0.8108	0.0055	0.0003	0.0111
246	Cystathionine beta-synthase	Cbs	CBS_MOUSE	62 kDa	71	76	62	138	161	81	6	1	7	0	0	0	70	127	5	0	1.82	0.00	0.07	0.00	0.1349	0.1284	0.0011	0.0335
247	60S ribosomal protein L19	Rpl19	RL19_MOUSE	23 kDa	57	72	60	52	56	58	31	24	30	23	23	19	63	55	28	22	0.88	0.76	0.45	0.39	0.2307	0.0725	0.0074	0.0002
248	Asparagine synthetase [glutamine-hyd	Asns	ASNS_MOUSE	64 kDa	94	101	94	100	94	97	15	14	22	4	6	3	96	97	17	4	1.01	0.25	0.18	0.04	0.8307	0.0268	0.0000	0.0000
249	Calcium-activated chloride channel re	Clca1	CLCA1_MOUSE	100 kDa	0	0	1	0	0	0	26	19	28	156	165	183	0	0	24	168	0.00	6.90	73.00		0.4226	0.0013	0.0117	0.0022
250	Poly(rC)-binding protein 1	Pcbp1	PCBP1_MOUSE	37 kDa	70	69	79	68	69	61	57	44	51	36	44	29	73	66	51	36	0.91	0.72	0.70	0.55	0.1793	0.0681	0.0118	0.0079
251	40S ribosomal protein S12	Rps12	RS12_MOUSE	15 kDa	92	90	94	114	92	94	45	28	56	39	32	26	92	100	43	32	1.09	0.75	0.47	0.32	0.3727	0.3249	0.0246	0.0032
252	Spectrin beta chain, erythrocytic	Sptb	SPTB1_MOUSE	245 kDa	59	27	29	19	20	7	16	42	43	7	5	4

316	Prolow-density lipoprotein receptor-rel	Lrp1	LRP1 MOUSE	505 kDa	0	0	0	0	0	0	32	31	24	53	27	36	0	0	29	39			1.33					0.3326	0.0074	0.0367
317	Core histone macro-H2A.1	H2afy	H2AY MOUSE	40 kDa	17	25	24	22	11	10	59	38	50	68	83	57	22	14	49	69	0.65	1.41	2.23	4.84		0.1818	0.1068	0.0328	0.0076
318	Nucleolar protein 56	Nop56	NOP56 MOUSE	64 kDa	48	52	50	30	26	21	33	15	32	21	21	12	50	26	27	18	0.51	0.68	0.53	0.70	0.0046	0.2789	0.0525	0.1272	
319	Nesprin-2	Syne2	SYNE2 MOUSE	783 kDa	1	1	0	0	2	0	1	1	3	7	4	2	1	1	2	4	1.00	2.60	2.50	6.50	1.0000	0.2001	0.2739	0.1117	
320	40S ribosomal protein S19	Rps19	RS19 MOUSE	16 kDa	52	47	50	52	52	52	32	29	23	17	24	17	50	52	28	19	1.05	0.69	0.56	0.37	0.2495	0.0709	0.0050	0.0051	
321	L-lactate dehydrogenase A chain	Ldha	LDHA MOUSE	36 kDa	35	41	41	31	36	37	65	51	53	59	55	56	39	35	56	57	0.89	1.01	1.44	1.63	0.1878	0.9473	0.0409	0.0012	
322	Eukaryotic translation initiation factor	Eif3b	EIF3B MOUSE	91 kDa	56	56	66	51	66	47	21	14	30	12	8	11	59	55	22	10	0.92	0.48	0.37	0.19	0.5319	0.1264	0.0038	0.0137	
323	Gastrokine-1	Gkn1	GKN1 MOUSE	22 kDa	0	0	0	0	0	0	31	24	26	118	158	163	0	0	27	146		5.42				0.0126	0.0059	0.0093	
324	Fructose-bisphosphate aldolase A	Aldoa	ALDOA MOUSE	39 kDa	32	40	29	39	30	41	36	51	52	40	66	57	34	37	46	54	1.09	1.17	1.38	1.48	0.5591	0.4404	0.1202	0.1323	
325	Serine/arginine-rich splicing factor 1	Srsf1	SRSF1 MOUSE	28 kDa	34	30	31	32	30	26	44	37	44	33	37	25	32	29	42	32	0.93	0.76	1.32	1.08	0.3433	0.0873	0.0318	0.5965	
326	ATP-citrate synthase	Acly	ACLY MOUSE	120 kDa	31	34	31	31	29	28	32	44	35	38	37	39	32	29	37	38	0.92	1.03	1.16	1.30	0.1172	0.8088	0.2980	0.0022	
327	40S ribosomal protein S20	Rps20	RS20 MOUSE	13 kDa	38	48	51	52	48	43	19	31	25	22	20	18	46	48	25	20	1.04	0.80	0.55	0.42	0.6963	0.2833	0.0174	0.0033	
328	Cytochrome c oxidase subunit 5B, mit	Cox5b	COX5B MOUSE	14 kDa	46	43	52	51	41	47	28	38	32	43	38	38	47	46	33	40	0.99	1.21	0.70	0.86	0.8736	0.1225	0.0222	0.1353	
329	Golgin subfamily A member 2	Golga2	GOGA2 MOUSE	113 kDa	57	56	56	57	43	51	35	21	30	32	21	19	56	50	29	24	0.89	0.84	0.51	0.48	0.2767	0.4629	0.0206	0.0100	
330	ATP synthase subunit d, mitochondria	Atp5h	ATP5H MOUSE	19 kDa	46	40	42	46	37	36	36	29	33	53	42	49	43	40	33	48	0.93	1.47	0.77	1.21	0.4676	0.0219	0.0212	0.1391	
331	14-3-3 protein zeta/delta	Ywhaz	1433Z MOUSE	28 kDa	37	40	40	30	46	34	36	49	48	60	68	50	39	34	52	56	0.87	1.07	1.34	1.65	0.1503	0.6384	0.0658	0.0525	
332	Far upstream element-binding protein	Khsrp	FUBP2 MOUSE	77 kDa	26	27	29	19	18	14	44	38	46	51	52	33	27	17	43	45	0.62	1.06	1.56	2.67	0.0083	0.7181	0.0149	0.0378	
333	Coatomer subunit delta	Arcn1	COPD MOUSE	57 kDa	39	70	63	58	56	48	30	24	31	19	19	17	57	54	28	18	0.94	0.65	0.49	0.34	0.7627	0.0354	0.0838	0.0054	
334	4F2 cell-surface antigen heavy chain	Slc3a2	4F2 MOUSE	58 kDa	68	67	70	70	65	64	16	19	21	3	6	5	68	66	19	5	0.97	0.25	0.27	0.07	0.4054	0.0026	0.0000	0.0001	
335	40S ribosomal protein S17	Rps17	RS17 MOUSE	16 kDa	70	72	67	68	64	55	25	17	28	16	16	13	70	62	23	15	0.89	0.64	0.33	0.24	0.1879	0.1163	0.0015	0.0043	
336	Destrin	Dstn	DEST MOUSE	19 kDa	19	23	14	28	28	29	27	36	30	62	87	67	19	28	31	72	1.52	2.32	1.66	2.54	0.0633	0.0232	0.0293	0.0291	
337	A-kinase anchor protein 9	Akap9	AKAP9 MOUSE	436 kDa	16	21	20	11	12	2	4	2	3	0	0	0	19	8	3	0	0.44	0.00	0.16	0.00	0.0597	0.0351	0.0043	0.1200	
338	Carbonic anhydrase 2	Ca2	CAH2 MOUSE	29 kDa	23	24	23	22	14	17	24	36	38	106	98	121	23	18	33	108	0.76	3.32	1.40	6.13	0.1331	0.0014	0.1656	0.0026	
339	Matrin-3	Matr3	MATR3 MOUSE	95 kDa	30	31	35	24	19	21	43	36	39	50	34	29	32	21	39	38	0.67	0.96	1.23	1.77	0.0072	0.8219	0.0487	0.1167	
340	Phosphate carrier protein, mitochondri	Slc25a3	MPCP MOUSE	40 kDa	36	39	39	34	34	30	23	15	20	18	16	19	38	33	19	18	0.86	0.91	0.51	0.54	0.0366	0.5593	0.0073	0.0014	
341	Asparagine--tRNA ligase, cytoplasmic	Nars	SYNC MOUSE	64 kDa	54	45	50	58	47	47	20	9	15	14	15	50	51	22	15	5	1.02	0.68	0.44	0.29	0.8360	0.0820	0.0013	0.0098	
342	Elongation factor 1-delta	Eef1d	EF1D MOUSE	31 kDa	58	58	60	60	43	52	36	33	40	28	29	21	59	52	36	26	0.88	0.72	0.62	0.50	0.2892	0.0351	0.0045	0.0190	
343	Peroxiredoxin-6	Prdx6	PRDX6 MOUSE	25 kDa	37	50	38	41	33	32	35	36	36	54	55	47	42	35	36	52	0.85	1.46	0.86	1.47	0.2869	0.0214	0.2870	0.0122	
344	Nucleoside diphosphate kinase B	Nme2	NDKB MOUSE	17 kDa	48	55	35	49	34	35	32	33	36	33	30	23	46	39	34	29	0.86	0.85	0.73	0.73	0.4316	0.2278	0.1654	0.1481	
345	Translocon-associated protein subunit	Ssr1	SSRA MOUSE	32 kDa	61	60	56	57	53	46	32	26	31	15	15	14	59	52	30	15	0.88	0.49	0.50	0.28	0.1484	0.0128	0.0003	0.0069	
346	40S ribosomal protein S5	Rps5	RS5 MOUSE	23 kDa	51	44	64	47	64	58	26	21	31	15	17	13	53	56	26	15	1.06	0.58	0.49	0.27	0.6875	0.0474	0.0271	0.0116	
347	ADP-ribosylation factor GTPase-activi	Arfgap3	ARFG3 MOUSE	57 kDa	61	69	56	58	51	43	21	18	22	5	6	4	62	51	20	5	0.82	0.25	0.33	0.10	0.1215	0.0017	0.0046	0.0080	
348	Plastin-2	Lcp1	PLSL MOUSE	70 kDa	15	41	21	12	13	11	85	57	78	75	77	60	26	12	73	71	0.47	0.96	2.86	5.89	0.2237	0.8047	0.0145	0.0077	
349	Protein PRRC1	Prrc1	PRRC1 MOUSE	46 kDa	41	44	51	39	34	35	25	24	31	15	15	10	45	36	27	13	0.79	0.50	0.59	0.37	0.0680	0.0099	0.0089	0.0006	
350	Alpha-aminoadipic semialdehyde deh	Aldh7a1	ALA7A1 MOUSE	59 kDa	61	65	63	82	72	72	16	11	16	9	8	9	63	75	14	9	1.20	0.60	0.23	0.12	0.0533	0.0714	0.0000	0.0023	
351	Protein transport protein Sec61 subun	Sec61a1	S61A1 MOUSE	52 kDa	50	55	48	55	64	57	20	20	24	8	5	9	51	59	21	7	1.15	0.34	0.42	0.13	0.0939	0.0015	0.0000	0.0007	
352	Programmed cell death 6-interacting p	Pdcd6ip	PDC6I MOUSE	96 kDa	35	35	33	31	22	14	39	27	43	33	39	32	34	22	36	35	0.65	0.95	1.06	1.55	0.1320	0.7744	0.7189	0.1131	
353	Glutathione S-transferase Mu 1	Gstm1	GSTM1 MOUSE	26 kDa	36	38	23	58	48	45	32	27	36	39	37	37	32	50	32	38	1.56	1.19	0.98	0.75	0.0442	0.1404	0.9088	0.0803	
354	Glucose-6-phosphate isomerase	Gpi	G6PI MOUSE	63 kDa	34	33	37	21	30	21	41	43	31	46	47	39	35	24	38	44	0.69	1.15	1.11	1.83	0.0554	0.2836	0.4315	0.0075	
355	Eukaryotic translation initiation factor	Eif3e	EIF3E MOUSE	52 kDa	50	58	47	46	53	44	23	16	23	15	7	7	52	48	21	10	0.92	0.47	0.40	0.20	0.4034	0.0369	0.0023	0.0006	
356	Golgin subfamily A member 3	Golga3	GOGA3 MOUSE	167 kDa	54	60	56	49	38	38	34	21	27	11	13	9	57	42	27	11	0.74	0.40	0.48	0.26	0.0371	0.0393	0.0069	0.0089	
357	Signal recognition particle receptor su	Srpra	SRPRA MOUSE	70 kDa	84	71	82	71	56	53	7	7	7	1	0	1	79	60	7	1	0.76	0.10	0.09	0.01	0.0562	0.0028	0.0031	0.0085	
358	Lipoamide acyltransferase component	Dbt	ODB2 MOUSE	53 kDa	59	60	65	72	58	49	15	10	13	5	3	3	61	60	13	4	0.97	0.29	0.21	0.06	0.8300	0.0132	0.0000	0.0133	
359	Cytochrome c oxidase subunit 2	Mtco2	COX2 MOUSE	26 kDa	20	26	27	25	21	21	24	25	27	26	26	21	24	22	25	24	0.92	0.96	1.04	1.09	0.4868	0.6322	0.7036	0.4042	
360	Triosephosphate isomerase	Tpi1	TPIS MOUSE	32 kDa	35	36	39	41	41	37	37	41	34	56	52	46	37	40	37	51	1.08	1.38	1.02	1.29	0.1708	0.0209	0.7944	0.0396	
361	Dihydrolipoyllysine-residue acetyltrans	Dlat	ODP2 MOUSE	68 kDa	54	37	34	33	33	29	26	22	22	21	26	15	42	32	23	21	0.76	0.89	0.56	0.65	0.2466	0.5017	0.0926	0.0560	
362	Ankyrin-1	Ank1	ANK1 MOUSE	204 kDa	47	24	25	12	13	8	9	34	46	5	6	6	32	11	30	6	0.34	0.19	0.93	0.52	0.1021	0.1584	0.8696	0.0671	
363	Histone H2A type 2-A	Hist2h2aa1	H2A2A MOUSE	14 kDa	42	41	35	34	32	28	42	43	40	50	45	44	39	31	42	46	0.80	1.11	1.06	1.48	0.0489	0.1122	0.4042	0.0043	
364	NADH dehydrogenase [ubiquinone] iro	Ndufs3	NDUS3 MOUSE	30 kDa	45	37	37	42	34	24	37	31	32	29	30	17	40	33	33	25	0.84	0.76	0.84	0.76	0.3587	0.1863	0.1316	0.2997	
365	Microtubule-associated protein 4	Map4	MAP4 MOUSE	117 kDa	3	3	6	3	3	6	43	46	36	37	35	32	4	4	42	35	1.00	0.83	10.42	8.67	1.0000	0.1268	0.0031	0.0001	
366	NADH dehydrogenase [ubiquinone] 1	Ndufa9	NDUA9 MOUSE	43 kDa	52	46	52	37	38	38	19	14	22	19	20	20	50	38	18	20	0.75	1.07	0.37	0.52	0.0228	0.6266	0.0006	0.0000	
367	Transaldolase	Taldo1	TALDO MOUSE	37 kDa	38	41	35	33	23	31	30	29	43	35	35	35	38	29	34	35	0.76	1.03	0.89	1.21	0.0787	0.8451	0.4773	0.1885	
368	Filamin-C	Flnc	FLNC MOUSE	291 kDa	1	0	0	0	0	0	11	22	15	9	22	2	0	0	16	11	0.00	0.69	48.00		0.4226	0.5070	0.0384	0.2013	
369	Peroxiredoxin-4	Prdx4	PRDX4 MOUSE	31 kDa	61	70	70	49	59	51	15	16	16	13	5	6	67	53	16	8	0.79	0.51	0.23	0.15	0.0308	0.0905	0.0031	0.0004	
370	Transgelin-2	Tagln2	TAGL2 MOUSE	22 kDa	14	20	13	20	15	15	57	61	62	61	71	64	16	17	60	65	1.06	1.09	3.83	3.92	0.7356	0.2081	0.0002	0.0006	
371	T-complex protein 1 subunit beta	Cct2	TCPB MOUSE	57 kDa	48	42	51	30	25	25	42	46	43	43	35	47	27	44	40	51	0.87	0.91	0.94	1.51	0.0051	0.2715	0.4310	0.0178	
372	Dermatopontin	Dpt	DERM MOUSE	24 kDa	20	10	19	21	15	17	41	61	58	50	62	56	16	18	53	56	1.08	1.05	3.27	3.17	0.7373	0.7322	0.0134	0.0023	
373	Succinate dehydrogenase [ubiquinone	Sdha	SDHA MOUSE	73 kDa	29	34	40	36	33	35	32	26	32	43	53	31	34	35	30	42	1.01	1.41	0.87	1.22	0.9277	0.1843	0.3239	0.3510	
374	40S ribosomal protein S21	Rps21	RS21 MOUSE	9 kDa	65	76	74	93	68	75	21	13	27	12	6	7	72	79	20	8	1.10	0.41	0.28	0.11	0.4592	0.0800	0.0007	0.0080	
375	40S ribosomal protein S14	Rps14	RS14 MOUSE	16 kDa	48	51	50	63	44	54	23	16	20	12	9	12	50	54	20	11	1.08	0.56	0.40	0.20	0.5432	0.0328	0.0014	0.0139	
376	Galectin-1	Lgals1	LEG1 MOUSE	15 kDa	33	38	36	33	33	25	53	58	53	62	62	38	36	30	55	54	0.85	0.99	1.53	1.78	0.1746	0.9419	0.0011	0.0856	
377	Isoleucine--tRNA ligase, cytoplasmic	Iars	SYIC MOUSE	144 kDa	56	55	58	54	48	38	13	7	16	6	7	2	56	47	12	5	0.83	0.42	0.21	0.11	0.1702	0.1003	0.0016	0.0074	
378	Cofilin-1	Cfl1	COF1 MOUSE	19 kDa	19	30	22	28	20	22	51	46	53	58	58	58	24	23	50	58	0.99	1.16	2.11	2.49	0.9390	0.0615	0.0044	0.0048	
379	182 kDa tankyrase-1-binding protein	Tnks1bp1	TB182 MOUSE	182 kDa	17	17	17	20	11	12	42	38	42	40	41	32	17	14	41	38	0.84	0.93	2.39	2.63	0.4479	0.4141	0.0032	0.0044	
380	Tight junction protein ZO-2	Tjp2	ZO2 MOUSE	131 kDa	11	11	11	16	10	8	21	18	26	45	49	42	11	11	22	45	1.03	2.09	1.97	4.00	0.9024	0.0017	0.0447	0.0005	
381	Eukaryotic translation initiation factor	Eif3f	EIF3F MOUSE	38 kDa	42	55	58	44	34	38	30	28	34	15	17	14	52	45	31	15	0.88	0.50	0.59	0.34	0.4029	0.0047	0.0383	0.0203	
382	Adenylyl cyclase-associated protein 1	Cap1	CAP1 MOUSE	52 kDa	29	28	23	25	18	18	55	42	49	49	53	42	27	20	49	48	0.76	0.99	1.83	2.36	0.1043	0.8994	0.0144	0.0031	
383	Calcium-binding mitochondrial carrier	Slc25a12	CMC1 MOUSE	75 kDa	32	26	32	30	32	21	21	11	17	20	21	18	30	28	16	20	0.92	1.20	0.54	0.71	0.5915	0.3714	0.0224	0.1341	
384	Cinguilin-like protein 1	Cgnl1	CGNL1 MOUSE	148 kDa	21	30	31	32	21	18	12	8	11	26	15	13	27	24	10	18	0.87	1.74	0.38	0.76	0.5309	0.1914	0.0222	0.3891	
385	Pancreatic lipase-related protein 2	Pnliprp2	LIPR2 MOUSE	54 kDa	88	72	73	53	42	45	31	27	32	0	4	10	78	47	30	5	0.60	0.16	0.39	0.10	0.0111	0.0044	0.0075	0.0007	
386	Lithostathine-1	Reg1	LIT1 MOUSE	19 kDa	93	60	60	76	77	41	45	29	52	6	8	7	71	65	41	7	0.91	0.17	0.57	0.11	0.7152	0.0359	0.0917	0.0394	
387	Collagen alpha-1(XXVIII) chain	Col28a1	COSA1 MOUSE	119 kDa	0	0	0	0	0	0	0	5	0	0	0	0	0	0	2	0		0.00				0.4226	0.4226		
388	Signal peptidase complex catalytic sul	Sec11c	SC11C MOUSE	22 kDa	32	42	40	45	45	52	5	7	12	1	1	1	38	47	8	1	1.25	0.13	0.21	0.02	0.0766	0.0782	0.0021	0.0025	
389	17-beta-hydroxysteroid dehydrogenas	Hsd17b13	DHB13 MOUSE	33 kDa	55	32	57	64	64	75	34	20	32	1	3	2	48	68	29	2	1.41	0.07	0.60	0.03	0.1183	0.0242	0.1219	0.0026	
390	Heterogeneous nuclear ribonucleoprot	Hnrnpul2	HNRL2 MOUSE	85 kDa	16	14	17	12	9	10	54	43	51	47	49	37	16	10	49	44	0.66	0.90	3.15	4.29	0.1129	0.3708	0.0063	0.0088	
391	tRNA-splicing ligase RtcB homolog	Rtcb	RTCB MOUSE	55 kDa	40	41	40	40	34	30	29	21	17	28	20	21	10	40	37	25	0.91	0.67	0.63	0.46	0.4728	0.1278	0.0187	0.0238	
392	60S ribosomal protein L30	Rpl30	RL30 MOUSE	13 kDa	39	43	39	38	39	44	22	18	21	16	9	19	40	40	20	15	1.00	0.72	0.50	0.36	1.0000	0.1868	0.0004	0.0035	
393	Serpin I2	Serpini2	SPI2 MOUSE	46 kDa	70	64	54	67	64	58	32	28	40	0	0	4	63	63	33	1	1.01	0.04	0.53	0.02	0.9542	0.0061	0.0089	0.0003	
394	Protein PRRC2C	Prrc2c	PRC2C MOUSE	311 kDa	4	9	5	3	3	5	9	6	9	10	7	1	6	4	8	6	0.61	0.75	1.33	1.64	0.2642	0.5384	0.3439	0.4737	
395	Myosin regulatory light polypeptide 9	Myl9	MYL9 MOUSE	20 kDa	24	13	22	19	19	25	58	76	56	43	84	57	20	21	63	11	1.07	0.97	3.22	2.92	0.7552	0.8924	0.0088	0.0749	
396	Collagen alpha- 1(XVI) chain	Col1a1	COA1 MOUSE	67 kDa	0	0	0	1	0	0	0	0	0	14	17	10	0	0	6	14		41.00			0.4226	0.0564	0.0762	0.0201	
397	Peroxiredoxin-2	Prdx2	PRDX2 MOUSE	22 kDa	43	38	40	33	31	33	36	51	51	42	43	51	40	32	46	45	0.80	0.99	1.14	1.40	0.0180	0.9147	0.3759	0.0388	
398	Branched-chain-amino-acid aminotran	Bcat2	BCAT2 MOUSE	44 kDa	59	71	58	87	45	47	20	15	22	8	9	9	63	60	19	9	0.95	0.46	0.30	0.15	0.8505	0.0354	0.0028	0.0649	
399	Keratin, type I cytoskeletal 10	Krt10	K1C10 MOUSE	58 kDa	14	22	21	20	24	22	18	23	11	12	21	9	19	22	17	14	1.16	0.81	0.91	0.64	0.3628	0.5424	0.7196	0.1471	
400	Signal peptidase complex subunit 2	Spcs2	SPCS2 MOUSE	25 kDa	33	34	33	43	62	51	15	10	18	1	1	3	33	52	14	2	1.56	0.12	0.45	0.02	0.0766	0.0021	0.0134	0.0109	
401	SEC23-interacting protein	Sec23ip	S23IP MOUSE	111 kDa	30	35	38	25	26	18	8	7	9	53	62	52	38	36	30	55	0.67	0.59	0.28	0.25	0.0301	0.1934	0.0015	0.0066	
402	Eosinophil peroxidase	Epx	PERE MOUSE	81 kDa	0	0	0	0	0	1	57	42	35	108	18	15	0	0	45	47		1.05		141.00	0.4226	0.9467	0.0205	0.2658	
403	Integrin beta-4	Itgb4	ITB4 MOUSE	202 kDa	24	15	20	13	12	7	12	15	11	19	21	20	20	11	13	20	0.54	1.58	0.64	1.88	0.0540	0.0132	0.0980	0.0285	
404	Aminopeptidase N	Anpep	AMPN MOUSE	110 kDa	14	17	16	13	12	7	41	34	41	61	64	79	16	11	39	68	0.68	1.76	2.47	6.38	0.0973	0.0215	0.0050	0.0052	
405	E3 UFM1-protein ligase 1	Ufl1	UFL1 MOUSE	90 kDa	49	38	59	45	45	39	17	8	13	3	0	1	49	43	13	1	0.88	0.11	0.26	0.03	0.4538	0.0377	0.0156	0.0005	
406	CAD protein	Cad	PYR1 MOUSE	243 kDa	24	35	33	18	17	13	11	7	5	4	1	2	31	16	8	2	0.52	0.30	0.25	0.15	0.0331	0.0751	0.0090	0.0035	
407	Transcription intermediary factor 1-bet	Trim28	TIF1B MOUSE	89 kDa	25	25	27	15	14	11	51	39	40	36	23	20	26	13	43	26	0.52	0.61	1.69	1.98	0.0025	0.0560	0.0407	0.1106	
408	RNA-binding protein EWS	Ewsr1	EWS MOUSE	68 kDa	16	19	17	14	14	11	23	18	15	21	17	19	17	13	19	19	0.75	1.02	1.08	1.46	0.0321	0.9064	0.6359	0.0178	
409	Complement C4-B	C4b	CO4B MOUSE	193 kDa	1	2	0	1	0	0	65	65	52	33	42	35	1	0	61	37	0.33	0.60	60.67	110.00	0.3868	0.0141	0.0046	0.0051	
410	40S ribosomal protein S25	Rps25	RS25 MOUSE	14 kDa	50	45	45	51	44	38	32	24	31	23	23	22	47	44	29	23	0.95	0.78	0.62	0.51	0.6131	0.1258	0.0065	0.0280	
411	Sickle tail protein	Skt	SKT MOUSE	213 kDa	8	4	9	5	5	6	3	2	10	16	9	8	7	5	11	5	0.76	2.20	0.71	2.06	0.3897	0.1671	0.5456	0.1510	
412	Propionyl-CoA carboxylase alpha chai	Pcca	PCCA MOUSE	80 kDa	65	65	55	67	52	53	7	11	7	4	3	3	62	57	8	3	0.93	0.40	0.14	0.06	0.5068	0.0568	0.0013	0.0077	
413	T-complex protein 1 subunit epsilon	Cct5	TCPE MOUSE	60 kDa	38	29	40	22	19	12	30	29	34	26	28	24	36	18	31	26	0.50	0.84	0.87	1.47	0.0166	0.0638	0.3038	0.0918	
414	C-1-tetrahydrofolate synthase, cytopla	Mthfd1	C1TC MOUSE	101 kDa	37	37	39	28	40	45	26	17	19	19	17	13	38	38	21	16	1.00	0.79	0.55	0.43

478	Mitochondrial 2-oxoglutarate/malate c	Slc25a11	M2OM MOUSE	34 kDa	13	14	28	14	15	19	14	14	16	19	17	16	18	16	15	17	0.87	1.18	0.80	1.08	0.6842	0.0782	0.5289	0.5015
479	Annexin A1	Anxa1	ANXA1 MOUSE	39 kDa	12	8	8	4	7	6	49	45	47	48	59	51	9	6	47	53	0.61	1.12	5.04	9.29	0.0937	0.2202	0.0000	0.0030
480	Cytosol aminopeptidase	Lap3	AMPL MOUSE	56 kDa	42	36	42	35	37	29	27	20	30	13	13	9	40	34	26	12	0.84	0.45	0.64	0.35	0.1151	0.0268	0.0207	0.0035
481	ADP-ribosylation factor 1	Arf1	ARF1 MOUSE	21 kDa	33	34	26	37	29	31	30	22	27	35	32	36	31	32	26	34	1.04	1.30	0.85	1.06	0.7212	0.0557	0.2459	0.5117
482	Carboxylesterase 1C	Ces1c	EST1C MOUSE	61 kDa	15	18	13	21	21	17	43	37	36	40	43	49	15	20	39	44	1.28	1.14	2.52	2.24	0.0934	0.1976	0.0016	0.0040
483	Golgi reassembly-stacking protein 2	Gorasp2	GORS2 MOUSE	47 kDa	30	34	32	30	31	27	13	9	15	13	8	5	32	29	12	9	0.92	0.70	0.39	0.30	0.1850	0.2829	0.0014	0.0043
484	Afadin	Afdn	AFAD MOUSE	206 kDa	9	8	9	9	9	2	3	3	4	7	4	2	9	7	3	4	0.77	1.30	0.38	0.65	0.4825	0.5656	0.0003	0.4523
485	Electron transfer flavoprotein subunit b	Etfb	ETFB MOUSE	28 kDa	40	39	38	43	41	44	25	28	23	32	32	24	39	43	25	29	1.09	1.16	0.65	0.69	0.0322	0.2769	0.0053	0.0280
486	40S ribosomal protein S23	Rps23	RS23 MOUSE	16 kDa	47	48	47	37	40	42	11	13	19	4	9	9	47	40	14	7	0.84	0.51	0.30	0.18	0.0289	0.0828	0.0046	0.0001
487	DnaJ homolog subfamily C member 3	Dnajc3	DNJC3 MOUSE	57 kDa	48	51	49	46	49	47	22	15	17	11	11	10	49	47	18	11	0.96	0.59	0.36	0.23	0.1841	0.0685	0.0014	0.0001
488	Desmoglein-2	Dsg2	DSG2 MOUSE	122 kDa	18	22	11	14	23	9	5	4	13	18	18	16	17	15	7	17	0.90	2.48	0.41	1.13	0.7658	0.0466	0.0741	0.6753
489	Probable ATP-dependent RNA helicas	Ddx17	DDX17 MOUSE	72 kDa	22	29	25	18	22	14	43	33	32	31	29	18	25	18	36	26	0.71	0.72	1.42	1.44	0.0766	0.1366	0.0732	0.1790
490	Periplakin	Ppl	PEPL MOUSE	204 kDa	2	5	5	3	4	12	6	7	11	62	62	45	4	6	8	56	1.58	7.04	2.00	8.89	0.5063	0.0095	0.1045	0.0045
491	Calmodulin	Calm1	CALM MOUSE	17 kDa	31	18	21	24	19	20	39	33	32	38	42	44	23	21	35	41	0.90	1.19	1.49	1.97	0.6241	0.0794	0.0827	0.0010
492	NADH dehydrogenase [ubiquinone] 1	Ndufa8	NDUA8 MOUSE	20 kDa	26	22	19	19	23	24	23	24	22	32	25	18	22	22	23	25	0.99	1.09	1.03	1.14	0.9023	0.6710	0.7780	0.5451
493	Propionyl-CoA carboxylase beta chain	Pccb	PCCB MOUSE	58 kDa	54	47	50	52	47	45	16	14	13	11	4	0	58	48	14	9	0.95	0.63	0.28	0.19	0.4670	0.1581	0.0008	0.0003
494	NADH dehydrogenase [ubiquinone] iro	Ndufs2	NDUS2 MOUSE	53 kDa	28	22	31	13	21	17	7	12	11	16	8	6	27	17	10	10	0.63	1.00	0.37	0.59	0.0475	1.0000	0.0096	0.1469
495	Apolipoprotein A-IV	Apoa4	APOA4 MOUSE	45 kDa	16	12	15	13	10	14	53	54	47	39	60	33	14	12	51	44	0.86	0.86	3.58	3.57	0.3046	0.4680	0.0005	0.0580
496	Cytochrome c oxidase subunit 6C	Cox6c	COX6C MOUSE	8 kDa	18	11	17	15	12	16	8	6	8	12	10	7	15	14	7	10	0.93	1.32	0.48	0.67	0.7145	0.2465	0.0568	0.0708
497	Serine/arginine-rich splicing factor 7	Srsf7	SRSF7 MOUSE	31 kDa	22	23	27	18	14	14	37	30	31	22	31	17	24	15	33	23	0.64	0.71	1.36	1.52	0.0134	0.1363	0.0369	0.1819
498	Alpha-1-antitrypsin 1-3	Serpina1c	A1AT3 MOUSE	46 kDa	12	17	19	7	5	17	76	90	87	30	26	12	16	10	84	23	0.60	0.27	5.27	2.34	0.2294	0.0011	0.0009	0.1297
499	T-complex protein 1 subunit theta	Cct8	TCPQ MOUSE	60 kDa	32	29	37	22	22	20	35	33	31	19	27	25	33	21	33	24	0.65	0.72	1.01	1.11	0.0319	0.0422	0.9064	0.4369
500	GTP:AMP phosphotransferase AK3, m	Ak3	KAD3 MOUSE	25 kDa	35	46	29	55	39	33	16	9	14	21	28	15	37	42	13	21	1.15	1.64	0.35	0.50	0.5320	0.1440	0.0276	0.0647
501	Carbonic anhydrase 3	Ca3	CAH3 MOUSE	29 kDa	32	27	24	11	10	16	39	60	25	41	36	45	28	12	41	41	0.45	0.98	1.49	3.30	0.0077	0.9545	0.3099	0.0014
502	Agrin	Agrn	AGRIN MOUSE	208 kDa	12	8	9	7	7	7	37	31	33	28	37	18	9	8	34	28	0.82	0.82	3.61	3.61	0.4519	0.3909	0.0008	0.0657
503	Myosin phosphatase Rho-interacting p	Mprip	MPRIP MOUSE	116 kDa	7	12	13	11	5	9	13	22	18	31	15	14	11	8	18	20	0.78	1.13	1.66	2.40	0.4138	0.7285	0.1010	0.1592
504	E3 ubiquitin-protein ligase UBR4	Ubr4	UBR4 MOUSE	572 kDa	4	4	1	2	1	2	3	5	2	6	8	6	3	2	3	7	0.56	2.00	1.11	4.00	0.3133	0.0432	0.8151	0.0072
505	Septin-7	7-Sep	SEPT7 MOUSE	51 kDa	13	11	18	12	12	12	40	35	39	39	47	34	14	12	38	40	0.86	1.05	2.71	3.33	0.4380	0.6621	0.0011	0.0178
506	Caprin-1	Caprin1	CAPR1 MOUSE	78 kDa	24	25	20	23	21	19	30	28	30	29	23	22	23	21	29	25	0.91	0.84	1.28	1.17	0.3593	0.1577	0.0375	0.2336
507	T-complex protein 1 subunit eta	Cct7	TCPH MOUSE	60 kDa	27	19	31	16	20	15	30	24	27	17	24	18	26	17	27	20	0.66	0.73	1.05	1.16	0.1184	0.0613	0.7574	0.3801
508	3-ketoacyl-CoA thiolase, mitochondria	Acaa2	THIM MOUSE	42 kDa	26	28	29	31	18	29	18	23	20	33	26	30	28	26	20	30	0.94	1.46	0.73	1.14	0.7230	0.0236	0.0189	0.4777
509	Heat shock 70 kDa protein 4	Hspa4	HSP74 MOUSE	94 kDa	24	18	28	17	21	17	31	29	35	38	36	33	23	18	32	36	0.79	1.13	1.36	1.95	0.2219	0.1576	0.0839	0.0010
510	60S ribosomal protein L11	Rpl11	RL11 MOUSE	20 kDa	40	42	49	40	49	45	22	19	23	12	12	11	44	45	21	12	1.02	0.55	0.49	0.26	0.8040	0.0107	0.0066	0.0055
511	Prosaposin	Psap	SAP MOUSE	61 kDa	4	11	7	10	11	6	42	29	39	30	38	39	7	9	37	36	1.23	0.97	5.00	3.96	0.5499	0.8477	0.0070	0.0035
512	Cytosolic 10-formyltetrahydrofolate de	Aldh1l1	AL1L1 MOUSE	99 kDa	29	33	31	41	47	51	21	19	13	10	6	7	31	46	18	8	1.49	0.43	0.57	0.17	0.0222	0.0349	0.0170	0.0020
513	Aspartate--tRNA ligase, cytoplasmic	Dars	SYDC MOUSE	57 kDa	31	38	35	33	28	34	14	12	13	14	23	15	35	32	13	17	0.91	1.33	0.38	0.55	0.3369	0.2653	0.0055	0.0185
514	Collagen alpha-1(VIII) chain	Col8a1	CO8A1 MOUSE	74 kDa	0	0	0	0	0	0	8	7	9	15	9	5	0	0	8	10		1.21				0.6267	0.0052	0.0797
515	NADH dehydrogenase [ubiquinone] 1	Ndufa10	NDUAA MOUSE	41 kDa	26	35	38	30	28	21	11	15	13	17	12	16	33	26	13	15	0.80	1.15	0.39	0.57	0.2195	0.3593	0.0226	0.0335
516	Actin-related protein 3	Actr3	ARP3 MOUSE	47 kDa	19	30	16	20	16	17	45	45	42	46	49	38	22	18	44	44	0.82	1.01	2.03	2.51	0.4497	0.9302	0.0290	0.0082
517	Fibrillin-2	Fbn2	FBN2 MOUSE	314 kDa	1	0	1	0	0	0	14	11	19	37	31	7	1	0	15	25	0.00	1.70	22.00		0.1835	0.3773	0.0241	0.1122
518	Myosin-10	Myh10	MYH10 MOUSE	229 kDa	0	0	0	0	0	1	19	21	24	51	22	22	0	0	21	32		1.48		95.00	0.4226	0.3972	0.0046	0.0833
519	KH domain-containing, RNA-binding, s	Khdrbs1	KHDR1 MOUSE	48 kDa	6	10	14	8	7	5	15	12	13	11	14	7	10	7	13	11	0.67	0.80	1.33	1.60	0.2840	0.3218	0.2840	0.1771
520	40S ribosomal protein S27	Rps27	RS27 MOUSE	9 kDa	35	25	27	36	23	32	16	9	12	11	14	8	29	30	12	11	1.05	0.89	0.43	0.36	0.8001	0.6439	0.0144	0.0229
521	Ig mu chain C region	Ighm	IGHM MOUSE	50 kDa	5	3	7	9	8	1	66	47	40	20	22	44	5	6	51	29	1.20	0.56	10.20	4.78	0.7434	0.1105	0.0252	0.0865
522	60S ribosomal protein L37a	Rpl37a	RL37A MOUSE	10 kDa	42	46	45	46	29	32	21	14	17	9	9	6	44	36	17	8	0.80	0.46	0.39	0.22	0.2364	0.0272	0.0010	0.0309
523	60S acidic ribosomal protein P2	Rplp2	RLA2 MOUSE	12 kDa	40	41	44	49	32	39	28	28	25	21	19	21	42	40	27	20	0.96	0.75	0.65	0.51	0.7709	0.0077	0.0008	0.0552
524	Collagen alpha-2(VIII) chain	Col8a2	CO8A2 MOUSE	67 kDa	0	0	0	0	0	0	1	1	1	7	5	2	0	0	1	5		4.67				0.1276		0.0848
525	Retinal dehydrogenase 1	Aldh1a1	AL1A1 MOUSE	54 kDa	38	34	36	38	32	29	16	21	22	12	20	18	36	33	20	17	0.92	0.85	0.55	0.51	0.3817	0.3825	0.0034	0.0105
526	Peroxiredoxin-5, mitochondrial	Prdx5	PRDX5 MOUSE	22 kDa	27	22	26	29	29	27	32	29	28	50	44	38	25	28	30	44	1.13	1.48	1.19	1.55	0.1481	0.0418	0.0778	0.0413
527	Phosphoglycerate mutase 1	Pgam1	PGAM1 MOUSE	29 kDa	21	25	29	21	30	22	39	34	31	37	32	35	25	24	35	35	0.97	1.00	1.39	1.42	0.8649	1.0000	0.0422	0.0487
528	Leukotriene A-4 hydrolase	Lta4h	LKHA4 MOUSE	69 kDa	17	18	18	21	22	18	24	24	20	29	30	28	18	20	23	29	1.15	1.28	1.28	1.43	0.1488	0.0271	0.0568	0.0064
529	Enoyl-CoA hydratase, mitochondrial	Echs1	ECHM MOUSE	31 kDa	32	35	28	29	32	32	15	16	14	17	20	21	32	31	15	19	0.98	1.29	0.47	0.62	0.7878	0.0504	0.0100	0.0020
530	RNA-binding protein 14	Rbm14	RBM14 MOUSE	69 kDa	20	30	24	15	7	9	48	35	47	36	29	29	25	10	43	31	0.42	0.72	1.76	3.03	0.0203	0.0834	0.0261	0.0033
531	Prolactin regulatory element-binding p	Preb	PREB MOUSE	45 kDa	22	26	26	24	22	18	8	4	7	2	3	1	25	21	6	2	0.86	0.32	0.26	0.09	0.2113	0.0504	0.0005	0.0045
532	Succinate--CoA ligase [GDP-forming]	Suclg2	SUCB2 MOUSE	47 kDa	33	42	42	41	35	42	20	17	21	19	18	16	39	39	19	18	1.01	0.91	0.50	0.45	0.9331	0.3314	0.0129	0.0045
533	Cytoplasmic aconitate hydratase	Aco1	ACOC MOUSE	98 kDa	25	27	29	24	26	21	11	13	12	16	26	24	17	27	24	17	0.88	1.29	0.64	0.94	0.1506	0.2136	0.0170	0.6649
534	Fatty acid-binding protein, adipocyte	Fabp4	FABP4 MOUSE	15 kDa	28	25	36	22	15	21	30	57	28	36	35	32	30	19	38	34	0.65	0.90	1.29	1.78	0.0677	0.7115	0.4581	0.0083
535	NADH dehydrogenase [ubiquinone] fla	Ndufv1	NDUV1 MOUSE	51 kDa	31	35	32	17	19	16	18	13	21	23	25	12	33	17	17	20	0.53	1.15	0.53	1.15	0.0008	0.6054	0.0101	0.5801
536	Myb-binding protein 1A	Mybbp1a	MBB1A MOUSE	152 kDa	24	29	30	15	17	8	19	12	19	15	10	7	28	13	17	11	0.48	0.64	0.60	0.80	0.0161	0.1432	0.0229	0.4998
537	ATP-binding cassette sub-family E me	Abce1	ABCE1 MOUSE	67 kDa	29	35	45	32	36	34	9	9	9	7	7	7	36	34	9	7	0.94	0.78	0.25	0.21	0.6707		0.0279	0.0018
538	Selenium-binding protein 1	Selenbp1	SBP1 MOUSE	52 kDa	22	30	18	42	35	34	27	26	25	38	35	43	23	37	26	39	1.59	1.49	1.11	1.05	0.0395	0.0266	0.5300	0.6528
539	Annexin A11	Anxa11	ANX11 MOUSE	54 kDa	9	13	11	9	14	13	24	17	18	30	42	35	11	12	20	36	1.09	1.81	1.79	2.97	0.6310	0.0244	0.0386	0.0108
540	Adenosine kinase	Adk	ADK MOUSE	40 kDa	33	31	25	47	38	31	10	7	7	4	7	6	30	39	8	6	1.30	0.71	0.27	0.15	0.1829	0.1561	0.0055	0.0164
541	GTP-binding nuclear protein Ran	Ran	RAN MOUSE	24 kDa	36	29	26	34	29	22	36	32	38	30	36	24	30	28	35	30	0.93	0.85	1.16	1.06	0.6848	0.2645	0.2359	0.7514
542	Ribonucleoprotein PTB-binding 1	Raver1	RAVR1 MOUSE	79 kDa	5	11	11	6	2	2	15	13	15	7	14	4	9	3	14	8	0.37	0.58	1.59	2.50	0.0875	0.1750	0.1047	0.2285
543	E3 ubiquitin-protein ligase HUWE1	Huwe1	HUWE1 MOUSE	483 kDa	3	2	0	1	0	0	2	3	1	12	0	1	1	2	0	2	0.20	0.40	1.00	2.00	0.2667	0.1012	1.0000	0.5185
544	Kinectin	Ktn1	KTN1 MOUSE	153 kDa	6	9	9	10	10	2	15	13	14	9	9	8	8	7	14	9	0.92	0.62	1.75	1.18	0.8324	0.0032	0.0118	0.6676
545	Sorbitol dehydrogenase	Sord	DHSO MOUSE	38 kDa	22	25	29	25	20	24	18	20	22	28	27	31	25	23	20	29	0.91	1.43	0.79	1.25	0.4137	0.0065	0.1015	0.0464
546	Vacuolar protein sorting-associated pr	Vps13c	VP13C MOUSE	420 kDa	4	5	4	7	4	0	6	4	4	2	2	0	4	4	5	1	0.85	0.29	1.08	0.36	0.7750	0.0241	0.6856	0.3708
547	Kininogen-1	Kng1	KNG1 MOUSE	73 kDa	3	7	2	6	4	8	60	55	49	42	34	38	4	6	55	38	1.50	0.70	13.67	6.33	0.3593	0.0161	0.0009	0.0013
548	Nuclear receptor corepressor 2	Ncor2	NCOR2 MOUSE	270 kDa	0	0	2	0	0	0	4	3	2	4	1	1	0	3	2	1	0.00	0.78	4.50		0.4226	0.5666	0.0006	0.1181
549	Tubulin beta-6 chain	Tubb6	TBB6 MOUSE	50 kDa	12	13	14	11	10	11	46	45	35	31	35	20	13	11	42	29	0.82	0.68	3.23	2.69	0.0357	0.0831	0.0126	0.0561
550	Malectin	Mlec	MLEC MOUSE	32 kDa	13	14	20	17	28	26	8	8	10	10	4	5	16	24	9	6	1.51	0.73	0.55	0.27	0.1298	0.3367	0.0745	0.0191
551	TAR DNA-binding protein 43	Tardbp	TADBP MOUSE	45 kDa	17	21	21	14	15	15	34	27	28	35	32	25	20	15	30	31	0.75	1.03	1.51	2.09	0.0568	0.8005	0.0249	0.0313
552	Glutamine--fructose-6-phosphate amin	Gfpt1	GFPT1 MOUSE	79 kDa	26	20	30	12	9	10	13	11	19	31	37	28	25	10	14	32	0.41	2.23	0.57	3.10	0.0272	0.0080	0.0452	0.0089
553	Cytochrome c oxidase subunit 6B1	Cox6b1	COX6B1 MOUSE	10 kDa	28	25	28	26	20	20	8	12	26	30	34	34	27	27	28	33	1.00	1.17	1.04	1.21	1.0000	0.0840	0.6174	0.0307
554	Ras GTPase-activating protein-binding	G3bp1	G3BP1 MOUSE	52 kDa	18	18	14	11	9	8	19	20	24	25	20	14	17	9	21	20	0.56	0.94	1.26	2.11	0.0141	0.7316	0.1007	0.0738
555	Guanine nucleotide-binding protein G(	Gnb2	GBB2 MOUSE	37 kDa	22	30	25	28	24	19	39	27	34	36	41	35	26	24	33	37	0.92	1.12	1.30	1.58	0.5982	0.3840	0.1515	0.0160
556	T-complex protein 1 subunit alpha	Tcp1	TCPA MOUSE	60 kDa	31	29	35	21	15	17	34	25	37	24	30	21	32	18	32	25	0.56	0.78	1.01	1.42	0.0050	0.1989	0.9392	0.0921
557	Citrate synthase, mitochondrial	Cs	CISY MOUSE	52 kDa	22	31	28	26	29	25	22	24	14	22	24	20	27	27	20	22	0.99	1.10	0.74	0.83	0.9164	0.5903	0.1598	0.0469
558	Dystrophin	Dmd	DMD MOUSE	426 kDa	5	5	5	5	10	2	1	1	1	1	1	1	5	6	2	1	1.13	0.60	0.33	0.18	0.8020	0.5286	0.0634	0.1835
559	Fibulin-5	Fbln5	FBLN5 MOUSE	50 kDa	11	6	21	7	2	8	27	43	24	23	35	30	13	6	31	29	0.45	0.94	2.47	5.18	0.2496	0.7879	0.0693	0.0088
560	Laminin subunit alpha-3	Lama3	LAMA3 MOUSE	366 kDa	0	0	0	0	0	0	11	4	24	23	17	15	0	0	13	25		1.92				0.2404	0.1567	0.0602
561	Eukaryotic translation initiation factor	Eif5b	IF2P MOUSE	138 kDa	23	29	30	27	27	27	6	4	8	1	1	5	27	27	6	2	0.99	0.39	0.22	0.09	0.8928	0.1076	0.0031	0.0029
562	Plasminogen activator inhibitor 1 RNA	Serbp1	PAIRB MOUSE	45 kDa	27	23	31	20	26	26	13	11	15	9	12	8	27	24	13	10	0.89	0.74	0.48	0.40	0.3828	0.1162	0.0130	0.0067
563	Delta-1-pyrroline-5-carboxylate syntha	Aldh18a1	P5CS MOUSE	87 kDa	42	35	29	48	38	35	1	3	1	1	3	1	35	44	8	4	1.24	0.44	0.24	0.08	0.2212	0.1006	0.0149	0.0053
564	Trifunctional enzyme subunit beta, mit	Hadhb	ECHB MOUSE	51 kDa	25	21	23	17	21	22	16	22	19	23	32	21	23	20	19	25	0.87	1.33	0.83	1.27	0.1975	0.1948	0.1375	0.2530
565	Coronin-1A	Coro1a	COR1A MOUSE	51 kDa	6	23	11	0	0	0	68	36	39	34	47	37	13	0	48	39	0.00	0.83	3.58		0.1183	0.5095	0.0589	0.0098
566	T-complex protein 1 subunit delta	Cct4	TCPD MOUSE	58 kDa	23	19	33	15	15	17	23	29	26	16	18	19	25	16	26	18	0.63	0.68	1.04	1.13	0.1511	0.0238	0.8403	0.1500
567	Catenin beta-1	Ctnnb1	CTNB1 MOUSE	85 kDa	13	17	24	9	6	5	20	14	20	25	19	17	18	7	18	20	0.37	1.13	1.00	3.05	0.0577	0.4983	1.0000	0.0154
568	Apolipoprotein B-100	Apob	APOB MOUSE	509 kDa	0	0	0	0	0	0	1	2	1	0	0	0	0	0	1	0		0.00				0.0572	0.0572	1
569	TRIO and F-actin-binding protein	Triobp	TARA MOUSE	223 kDa	1	0	3	0	0	0	1	4	1	1	0	1	1	0	2	1	0.00	0.33	1.50		0.2697	0.3133	0.6437	0.1835
570	Electron transfer flavoprotein subunit a	Etfa	ETFA MOUSE	35 kDa	37	39	34	37	37	28	23	20	18	28	23	19	37	34	20	23	0.93	1.15	0.55	0.69	0.4842	0.3855	0.0014	0.0561
571	Serine/arginine-rich splicing factor 3	Srsf3	SRSF3 MOUSE	19 kDa	16	22	19	18	14	15	23	21	24	24	23	23	19	16	23	23	0.82	1.03	1.19	1.49	0.1976	0.5384	0.1566	0.0178
572	ERO1-like protein beta	Ero1b	ERO1B MOUSE	54 kDa	34	50	30	41	39	40	4	4	5	1	0	1	38	40	4	1	1.05	0.15	0.11	0.02	0.7750	0.0015	0.0311	0.0000
573	Elongation factor 1-beta	Eef1b	EF1B MOUSE	25 kDa	32	30	31	32	31	18	14	17	16	14	12	10	43	30	16	12	1.02	0.86	0.53	0.44	0.3868	0.2342	0.0019	0.0024
574	Elongation factor Tu, mitochondrial	Tufm	EFTU MOUSE	49 kDa	26	18	33	27	24	20	14	17	17	29	22	18	26	24	16	23	0.92	1.44	0.62	0.97	0.7055	0.1522	0.1495	0.8708
575	Ras GTPase-activating-like protein IQ	Iqgap2	IQGA2 MOUSE	181 kDa	16	20	16	25	16	13	6	3	4	21	35	33	17	18	4	30	1.04	6.85	0.25	1.65	0.8752	0.0247	0.0022	0.1111
576	Myosin-14	Myh14	MYH14 MOUSE	229 kDa	0	0	0	0	0	0	4	3	3	34	33	33	0	0	3	33		10.00				0.0000	0.0099	0.0001
577	Glycine--tRNA ligase	Gars	SYG MOUSE	82 kDa	31	33	39	31	36	27	10	7	9	6	9	9

640	Splicing factor 3B subunit 1	Sf3b1	SF3B1_MOUSE	146 kDa	5	13	8	7	6	0	10	9	10	8	8	5	9	4	10	7		0.50	0.72	1.12	1.62	0.2471	0.1047	0.7112	0.3533
641	NADH dehydrogenase [ubiquinone] 1	Ndufb10	NDUBA MOUSE	21 kDa	23	21	23	20	25	21	22	14	23	21	20	22	23	19	21			1.05	1.12	0.88	0.94	0.5788	0.4579	0.4019	0.4852
642	F-actin-capping protein subunit beta	Capzb	CAPZB MOUSE	31 kDa	6	15	15	12	15	17	31	26	28	21	37	24	12	15	28	27		1.22	0.96	2.36	1.86	0.4842	0.8608	0.0178	0.1133
643	Serum deprivation-response protein	Sdpr	SDPR MOUSE	47 kDa	21	23	27	21	19	18	20	24	17	18	27	27	24	19	20	24		0.82	1.18	0.86	1.24	0.1172	0.3758	0.2838	0.2563
644	Alpha-2-HS-glycoprotein	Ahsg	FETUA MOUSE	37 kDa	20	13	17	12	12	15	33	37	28	25	30	31	17	13	33	29		0.78	0.88	1.96	2.21	0.2058	0.2857	0.0097	0.0047
645	Coagulation factor XIII A chain	F13a1	F13A MOUSE	83 kDa	0	2	1	0	1	1	22	34	26	41	20	29	1	1	27	30		0.67	1.10	27.33	45.00	0.6495	0.7282	0.0155	0.0401
646	Ubiquitin-associated protein 2-like	Ubap2l	UBP2L MOUSE	117 kDa	23	21	21	17	9	13	35	28	26	27	21	20	22	13	30	23		0.60	0.76	1.37	1.74	0.0547	0.1192	0.0918	0.0386
647	60S ribosomal protein L29	Rpl29	RL29 MOUSE	18 kDa	23	25	20	22	26	20	8	10	8	5	4	5	23	23	9	5		1.00	0.54	0.38	0.21	1.0000	0.0133	0.0040	0.0077
648	Phenylalanine-4-hydroxylase	Pah	PH4H MOUSE	52 kDa	25	61	37	34	34	30	3	3	5	0	0	0	41	33	4	0		0.80	0.00	0.09	0.00	0.5143	0.0315	0.0712	0.0017
649	Sialic acid synthase	Nans	SIAS MOUSE	40 kDa	26	26	21	20	17	16	17	15	16	20	17	14	24	18	16	17		0.73	1.06	0.66	0.96	0.0362	0.6299	0.0273	0.7695
650	Aspartate aminotransferase, cytoplasmic	Got1	AATC MOUSE	46 kDa	35	31	27	29	23	22	21	17	11	18	13	31	25	18	14			0.80	0.76	0.59	0.57	0.1174	0.1669	0.0153	0.0242
651	Epidermal growth factor receptor substrate	Eps15l1	EP15R MOUSE	99 kDa	6	4	5	4	5	5	32	17	21	13	19	10	5	5	23	14		0.93	0.60	4.67	3.00	0.6495	0.1641	0.0528	0.0696
652	26S proteasome non-ATPase regulatory subunit 2	Psmd2	PSMD2 MOUSE	100 kDa	23	23	27	18	22	14	22	20	16	23	23	20	24	18	19	22		0.74	1.14	0.79	1.22	0.0926	0.2756	0.0915	0.2192
653	Heterogeneous nuclear ribonucleoprotein A1	Hnrnpa1	ROA1 MOUSE	34 kDa	19	20	16	13	11	12	33	25	30	15	25	18	18	12	29	19		0.65	0.66	1.60	1.61	0.0195	0.0601	0.0249	0.1269
654	V-type proton ATPase catalytic subunit A	Atp6v1a	VATA MOUSE	68 kDa	15	16	15	16	17	20	23	18	16	23	19	19	15	18	19	20		1.15	1.07	1.24	1.15	0.1852	0.6229	0.2180	0.2123
655	Ataxin-2-like protein	Atxn2	ATX2L MOUSE	11 kDa	12	12	15	8	9	13	13	7	6	3	3	0	1	3	9	3		0.77	0.54	1.28	0.90	0.1870	0.1423	0.3820	0.7546
656	Succinate dehydrogenase [ubiquinone] flavo	Sdhb	SDHB MOUSE	32 kDa	18	20	18	24	22	13	13	10	16	24	22	15	19	20	13	20		1.05	1.56	0.70	1.03	0.7973	0.0979	0.0672	0.8858
657	Constitutive coactivator of PPAR-gamma	FAM120A	F120A MOUSE	122 kDa	5	8	8	5	6	5	7	4	4	11	1	4	7	5	5	5		0.76	1.07	0.71	1.00	0.2322	0.9232	0.2302	1.0000
658	10 kDa heat shock protein, mitochondrial	Hspe1	CH10 MOUSE	11 kDa	24	31	22	23	22	18	21	21	20	20	15	13	26	21	21	16		0.82	0.77	0.81	0.76	0.2284	0.1511	0.2069	0.1313
659	Synaptic vesicle membrane protein VAT-1	Vat1	VAT1 MOUSE	43 kDa	16	14	18	19	13	18	19	17	20	31	31	26	16	17	19	29		1.04	1.57	1.17	1.76	0.7784	0.0106	0.1453	0.0073
660	Phosphatidylethanolamine-binding protein	Pebp1	PEBP1 MOUSE	21 kDa	21	19	26	15	21	31	21	31	30	28	25	27	22	19	27	27		0.85	0.98	1.24	1.43	0.2988	0.8563	0.2439	0.0328
661	60S ribosomal protein L36a	Rpl36a	RL36A MOUSE	12 kDa	20	24	21	21	14	7	5	9	2	3	4	2	22	19	7	3		0.86	0.43	0.32	0.16	0.3362	0.0548	0.0009	0.0169
662	Histone H1.4	Hist1h1e	H14 MOUSE	22 kDa	19	21	14	22	16	12	32	25	26	25	32	28	18	17	28	28		0.93	1.02	1.54	1.70	0.7299	0.8341	0.0329	0.0356
663	Haptoglobin	Hp	HPT MOUSE	39 kDa	0	0	0	0	0	3	49	83	73	20	28	13	0	1	68	20			0.30		20.33	0.4226	0.0272	0.0211	0.0408
664	Chromodomain-helicase-DNA-binding protein	Chd4	CHD4 MOUSE	218 kDa	0	3	5	1	1	7	4	9	9	9	1	3	1	7	6			0.38	0.95	2.50	6.33	0.3701	0.9193	0.1234	0.1835
665	Protein ELYS	Ahctf1	ELYS MOUSE	248 kDa	2	3	3	3	2	3	3	3	3	0	1	3	3	3	1			1.00	0.44	1.13	0.50	1.0000	0.1994	0.4226	0.2667
666	Voltage-dependent anion-selective channel	Vdac3	VDAC3 MOUSE	31 kDa	22	22	27	15	18	13	17	16	16	12	17	12	24	15	16	14		0.65	0.84	0.69	0.89	0.0203	0.2482	0.0433	0.4937
667	Signal recognition particle receptor subunit	Srprb	SRPRB MOUSE	30 kDa	32	35	26	29	28	27	10	10	8	3	2	3	31	28	9	3		0.90	0.29	0.30	0.10	0.3747	0.0032	0.0109	0.0000
668	Signal recognition particle 54 kDa protein	Srp54	SRP54 MOUSE	56 kDa	31	31	33	44	28	28	9	6	12	1	5	1	32	33	9	2		1.05	0.28	0.28	0.07	0.7850	0.0413	0.0024	0.0229
669	Transforming protein RhoA	Rhoa	RHOA MOUSE	22 kDa	19	14	20	16	20	18	26	17	33	26	29	24	18	18	25	26		1.02	1.04	1.43	1.46	0.8875	0.8530	0.2344	0.0122
670	Methionine--tRNA ligase, cytoplasmic	Mars	SYMC MOUSE	101 kDa	19	21	23	27	25	19	12	4	7	4	0	2	21	24	8	2		1.13	0.26	0.37	0.08	0.3939	0.1200	0.0153	0.0045
671	Dihydropyrimidinase-related protein 3	Dpysl3	DPYL3 MOUSE	62 kDa	1	0	0	0	0	0	38	46	28	57	49	39	0	0	37	48		0.00	1.29	112.00		0.4226	0.2095	0.0189	0.0114
672	Histidine--tRNA ligase, cytoplasmic	Hars	SYHC MOUSE	57 kDa	28	31	25	26	26	25	13	12	15	3	7	3	28	26	13	4		0.92	0.33	0.48	0.17	0.3091	0.0074	0.0050	0.0025
673	Histone H1.5	Hist1h1b	H15 MOUSE	23 kDa	7	26	8	1	3	1	51	33	28	26	35	35	14	2	37	32		0.12	0.86	2.73	19.20	0.1901	0.5383	0.0650	0.0073
674	Vitamin D-binding protein	Gc	VTDB MOUSE	54 kDa	10	9	9	4	8	6	47	47	42	32	21	33	9	6	45	29		0.64	0.63	4.86	4.78	0.0921	0.0338	0.0015	0.0204
675	Baculoviral IAP repeat-containing protein	Birc6	BIRC6 MOUSE	532 kDa	0	0	2	0	1	0	0	0	0	1	0	0	0	1	0	0		0.50		0.00	1.00	0.6856	0.4226	0.4226	1.0000
676	Phosphoglucomutase-2	Pgm2	PGM2 MOUSE	69 kDa	21	21	14	15	25	18	17	17	21	18	28	21	19	19	18	22		1.04	1.22	0.98	1.16	0.8687	0.3122	0.9087	0.5136
677	FK506-binding protein 15	Fkbp15	FKB15 MOUSE	133 kDa	12	8	11	9	5	6	8	7	7	3	4	1	10	7	7	3		0.65	0.36	0.71	0.40	0.0972	0.0228	0.1212	0.0603
678	Cadherin-1	Cdh1	CADH1 MOUSE	98 kDa	9	12	16	14	12	9	13	9	15	16	17	18	12	12	12	17		0.95	1.38	1.00	1.46	0.8038	0.1066	1.0000	0.0517
679	Vesicular integral-membrane protein VIMP	Lman2	LMAN2 MOUSE	40 kDa	30	22	26	22	27	18	16	13	14	14	7	9	26	22	14	10		0.86	0.70	0.55	0.45	0.3523	0.1614	0.0253	0.0228
680	Heterogeneous nuclear ribonucleoprotein H	Hnrnpd	HNRPD MOUSE	38 kDa	16	22	12	19	16	14	25	28	25	27	36	23	17	16	26	29		0.98	1.10	1.56	1.76	0.9249	0.5639	0.0720	0.0704
681	Alcohol dehydrogenase [NADP(+)]	Akr1a1	AK1A1 MOUSE	37 kDa	17	13	19	12	16	17	29	27	22	30	36	37	16	15	26	34		0.92	1.32	1.59	2.29	0.5989	0.0509	0.0250	0.0029
682	Surfeit locus protein 4	Surf4	SURF4 MOUSE	30 kDa	30	21	24	29	34	22	16	18	12	13	7	9	25	28	15	10		1.13	0.63	0.61	0.34	0.4911	0.0856	0.0460	0.0178
683	Death-inducer obliterator 1	Dido1	DIDO1 MOUSE	247 kDa	2	2	1	1	0	1	2	2	2	0	0	0	2	1	2	0		0.40	0.00	1.20	0.00	0.1012		0.4226	0.1835
684	ARF GTPase-activating protein GIT1	Git1	GIT1 MOUSE	85 kDa	2	2	4	1	1	1	7	8	9	6	6	2	3	1	8	5		0.38	0.58	3.00	4.67	0.1296	0.1144	0.0040	0.1107
685	Transcription elongation regulator 1	Tcerg1	TCRG1 MOUSE	124 kDa	2	2	0	2	1	1	7	7	7	4	8	1	1	1	7	4		1.00	0.62	5.25	3.25	1.0000	0.3190	0.0136	0.2757
686	Cell division control protein 42 homolog	Cdc42	CDC42 MOUSE	21 kDa	14	13	18	18	20	15	31	21	31	22	35	29	15	18	28	29		1.18	1.04	1.84	1.62	0.2747	0.8520	0.0453	0.0847
687	Pyridoxal-dependent decarboxylase domain	Pdxdc1	PDXD1 MOUSE	87 kDa	15	26	21	20	27	10	12	4	12	20	24	22	21	19	9	22		0.92	2.36	0.45	1.16	0.7928	0.0271	0.0541	0.6085
688	Inositol 1,4,5-trisphosphate receptor type	Itpr2	ITPR2 MOUSE	307 kDa	2	2	2	0	2	1	3	1	2	1	1	1	2	1	2	1		0.50	0.50	1.00	1.00	0.2254	0.2254	1.0000	1.0000
689	Eukaryotic translation initiation factor 2C	Eif2c3x	IF2G MOUSE	51 kDa	26	19	24	26	32	26	23	14	12	13	10	14	23	28	16	12		1.22	0.76	0.71	0.44	0.1584	0.3609	0.1829	0.0051
690	Keratin, type II cytoskeletal 5	Krt5	K2C5 MOUSE	62 kDa	15	19	15	21	13	18	6	13	8	14	9	7	16	17	9	10		1.06	1.11	0.55	0.58	0.7332	0.7152	0.0505	0.0798
691	Galectin-3-binding protein	Lgals3bp	LG3BP MOUSE	64 kDa	1	0	1	0	0	0	14	12	15	40	51	56	1	0	14	49		0.00	3.59	20.50		0.1835	0.0149	0.0018	0.0092
692	Integrin alpha-6	Itga6	ITA6 MOUSE	122 kDa	17	22	17	12	13	12	10	10	17	15	11	12	19	12	12	13		0.66	1.03	0.66	1.03	0.0577	0.9070	0.0989	0.8113
693	Ceruloplasmin	Cp	CERU MOUSE	121 kDa	2	7	1	0	3	1	42	49	34	41	40	40	3	1	42	40		0.40	0.97	12.50	30.25	0.4054	0.7877	0.0056	0.0001
694	Supervillin	Svil	SVIL MOUSE	243 kDa	2	2	2	0	0	0	7	8	6	8	10	1	2	0	7	6		0.00	0.90	3.50			0.8317	0.0131	0.1460
695	Tropomyosin beta chain	Tpm2	TPM2 MOUSE	33 kDa	6	6	13	3	4	7	25	65	26	26	46	30	8	5	39	34		0.56	0.88	4.64	7.29	0.2571	0.7702	0.1440	0.0365
696	Lamina-associated polypeptide 2, isoform	Tmpo	LAP2A MOUSE	75 kDa	9	14	13	9	9	5	13	7	12	18	20	15	12	8	11	18		0.64	1.66	0.89	2.30	0.1007	0.0442	0.6097	0.0073
697	Serine/arginine-rich splicing factor 2	Srsf2	SRSF2 MOUSE	25 kDa	10	14	16	16	12	13	19	15	16	18	18	11	13	14	17	16		1.03	0.94	1.25	1.15	0.8844	0.7287	0.2027	0.5016
698	4-trimethylaminobutyraldehyde dehydrogenase	Aldh9a1	AL9A1 MOUSE	53 kDa	25	29	26	23	25	22	20	15	19	20	21	23	27	23	18	21		0.88	1.19	0.68	0.91	0.0951	0.1494	0.0126	0.1841
699	Septin-2	2-Sep	SEPT2 MOUSE	42 kDa	13	11	13	10	14	12	34	28	31	33	30	32	12	12	31	32		0.97	1.02	2.51	2.64	0.8178	0.7544	0.0038	0.0003
700	26S proteasome regulatory subunit 8	Psmc5	PRS8 MOUSE	46 kDa	15	21	19	12	14	11	28	27	22	20	27	18	18	12	21	19		0.67	0.92	1.15	1.57	0.0572	0.2476	0.2756	0.0046
701	Cytochrome c oxidase subunit NDUFA4	Ndufa4	NDUA4 MOUSE	9 kDa	19	25	22	20	16	15	13	13	11	11	13	11	22	17	12	12		0.77	0.95	0.56	0.69	0.0974	0.5185	0.0198	0.0561
702	Cytochrome b-c1 complex subunit 7	Uqcrb	QCR7 MOUSE	14 kDa	12	12	16	10	11	10	12	10	14	24	26	22	13	10	12	24		0.78	2.00	0.90	2.32	0.1465	0.0018	0.4926	0.0043
703	Glutathione peroxidase 1	Gpx1	GPX1 MOUSE	22 kDa	14	13	12	18	16	16	20	22	26	28	24	25	13	17	23	26		1.28	1.13	1.74	1.54	0.0148	0.2415	0.0229	0.0084
704	Protein RCC2	Rcc2	RCC2 MOUSE	56 kDa	17	22	12	18	9	10	24	12	17	17	19	9	17	12	18	14		0.73	0.85	1.04	1.22	0.3139	0.5961	0.8901	0.5581
705	Eukaryotic translation initiation factor 3	Eif3m	EIF3M MOUSE	42 kDa	20	25	25	23	28	20	7	5	8	3	4	4	23	24	7	4		1.01	0.55	0.29	0.15	0.9136	0.0621	0.0029	0.0121
706	Ptakophilin-4	Pkp4	PKP4 MOUSE	132 kDa	1	4	4	3	1	1	0	0	1	1	1	0	3	2	0	1		0.56	2.00	0.11	0.40	0.3379	0.5185	0.1047	0.2739
707	Glucagon	Gcg	GLUC MOUSE	21 kDa	36	17	35	34	20	27	4	11	10	40	18	22	29	27	8	27		0.92	3.20	0.28	0.99	0.7700	0.1021	0.0634	0.9687
708	Cordon-bleu protein-like 1	Cobll1	COBL1 MOUSE	137 kDa	14	17	5	16	18	16	2	1	1	2	1	12	17	1	1	1		1.39	1.00	0.11	0.08	0.3240	1.0000	0.0966	0.0003
709	Protein capicua homolog	Cic	CIC MOUSE	258 kDa	0	0	0	0	0	0	2	0	3	1	1	0	0	0	2	1			0.40				0.3785	0.1994	0.1835
710	RNA-binding protein 47	Rbm47	RBM47 MOUSE	64 kDa	18	20	23	20	15	15	9	12	10	9	13	11	20	17	10	11		0.82	1.14	0.48	0.66	0.1739	0.3685	0.0144	0.0546
711	26S proteasome regulatory subunit 6A	Psmc3	PRS6A MOUSE	50 kDa	17	15	15	12	9	10	18	20	17	18	20	15	16	10	18	18		0.66	0.96	1.17	1.71	0.0102	0.7189	0.0782	0.0189
712	Sulfide quinone oxidoreductase, mitochondrial	Sqrdl	SQRD MOUSE	50 kDa	3	10	5	18	15	16	12	9	8	29	46	29	6	16	10	35		2.72	3.59	1.61	2.12	0.0247	0.0426	0.2190	0.0804
713	Clathrin interactor 1	Clint1	EPN4 MOUSE	68 kDa	20	18	17	14	10	11	17	12	21	19	19	15	18	12	17	18		0.64	1.06	0.91	1.51	0.0134	0.7551	0.5957	0.0292
714	Sperm-specific antigen 2 homolog	Ssfa2	SSFA2 MOUSE	137 kDa	9	6	4	11	3	5	8	6	8	13	16	6	6	7	16	1		1.00	2.14	1.16	2.47	1.0000	0.0162	0.5788	0.0392
715	Sarcosine dehydrogenase, mitochondrial	Sardh	SARDH MOUSE	102 kDa	33	35	33	29	36	34	4	9	7	4	3	3	34	33	6	1		0.98	0.18	0.17	0.03	0.7848	0.0159	0.0000	0.0025
716	Importin-5	Ipo5	IPO5 MOUSE	124 kDa	27	27	28	28	21	23	16	10	18	12	14	11	27	24	15	12		0.88	0.84	0.54	0.51	0.2487	0.4405	0.0321	0.0183
717	KN motif and ankyrin repeat domain-containing protein 2	Kank2	KANK2 MOUSE	90 kDa	4	3	3	2	2	1	21	21	15	9	16	14	3	2	19	13		0.50	0.68	5.70	7.80	0.0241	0.1063	0.0140	0.0295
718	Splicing factor 1	Sf1	SF01 MOUSE	70 kDa	14	15	16	7	9	11	24	14	27	17	18	11	15	9	22	15		0.60	0.71	1.44	1.70	0.0196	0.2502	0.2301	0.0821
719	Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial	Mccc1	MCCA MOUSE	79 kDa	24	25	25	26	36	22	4	2	4	4	1	1	25	28	3	2		1.14	0.60	0.14	0.07	0.5076	0.3379	0.0001	0.0208
720	Succinate--CoA ligase [ADP/GDP-forming] beta chain, mitochondrial	Sucla2	SUCA MOUSE	36 kDa	25	30	28	24	26	20	16	12	21	20	13	13	28	23	13	15		0.84	1.18	0.47	0.66	0.1334	0.4568	0.0023	0.0564
721	Ras-related protein Rab-3D	Rab3d	RAB3D MOUSE	24 kDa	27	21	22	25	22	17	8	6	11	10	16	15	23	21	8	14		0.91	1.64	0.36	0.64	0.5408	0.0903	0.0038	0.0650
722	Eukaryotic translation initiation factor 3	Eif3i	EIF3I MOUSE	36 kDa	30	33	34	31	33	31	19	18	19	10	15	14	32	32	19	13		0.98	0.70	0.58	0.41	0.6596	0.0596	0.0049	0.0023
723	Microtubule-associated protein 2	Map2	MTAP2 MOUSE	199 kDa	5	8	12	16	8	11	1	1	0	0	1	1	8	12	1	1		1.40	1.00	0.08	0.06	0.3427	1.0000	0.0598	0.0398
724	Nuclear pore complex protein Nup214	Nup214	NU214 MOUSE	213 kDa	10	12	10	12	11	6	17	13	16	15	11	8	11	10	15	11		0.91	0.74	1.44	1.17	0.6532	0.1812	0.0401	0.5773
725	Importin subunit beta-1	Kpnb1	IMB1 MOUSE	97 kDa	18	15	16	16	10	8	28	27	22	20	27	18	16	11	26	23		0.69	0.86	1.61	2.00	0.1627	0.2952	0.0035	0.0332
726	Endoplasmic reticulum resident protein 44	Erp44	ERP44 MOUSE	47 kDa	18	20	18	12	18	13	13	15	20	18	16	16	19	14	16	17		0.77	1.04	0.86	1.16	0.1329	0.7848	0.3285	0.3367
727	Vesicle-associated membrane protein-associated protein A	Vapa	VAPA MOUSE	28 kDa	13	16	12	10	20	14	13	10	10	5	9	8	14	15	11	7		1.07	0.67	0.80	0.50	0.7737	0.0811	0.1656	0.1129
728	Microfibril-associated glycoprotein 4	Mfap4	MFAP4 MOUSE	29 kDa	5	4	4	5	3	5	11	15	9	12	24	17	4	4	12	18		1.00	1.51	2.69	4.08	1.0000	0.2228	0.0489	0.0572
729	U1 small nuclear ribonucleoprotein 70	Snrnp70	RU17 MOUSE	52 kDa	13	16	17	12	9	4	18	17	14	12	17	13	15	8	16	14		0.54	0.86	1.07	1.68	0.0761	0.2996	0.5879	0.1231
730	Spermidine synthase	Srm	SPEE MOUSE	34 kDa	26	31	37	24	24	24	10	12	14	3	3	3	31	24	12	3		0.77	0.25	0.38	0.19	0.1475	0.0161	0.0198	0.0004
731	Transformer-2 protein homolog beta	Tra2b	TRA2B MOUSE	34 kDa	12	18	19	12	9	4	18	17	14	12	17	13	15	8	16	14		0.65	0.75	1.12	1.28	0.1170	0.0516	0.4575	0.2415
732	Eukaryotic translation initiation factor 2	Eif2s1	IF2A MOUSE	36 kDa	24	30	22	21	22	22	19	17	9	12	12	11	25	22	15	12		0.86	0.78	0.59	0.54	0.2655	0.3892	0.0598	0.0000
733	Isovaleryl-CoA dehydrogenase, mitochondrial	Ivd	IVD MOUSE	46 kDa	21	24	18	30	28	20	22	17	5	9	7	21	29	20	7			1.40	0.36	0.94	0.24	0.0282	0.0029	0.5880	0.0003
734	Laminin subunit alpha-1	Lama1	LAMA1 MOUSE	338 kDa	0	0	0	1	0	1	10	8	13	0	0	0	0	1	10	0			0.00		0.00	0.1835	0.0192	0.0192	0.1835
735	Vesicle-fusing ATPase	Nsf	NSF MOUSE	83 kDa	10	19	8	19	18	12	15	15	13	11	13	9	12	16	14	11		1.32	0.77	1.16	0.67	0.3856	0.0824	0.6168	0.1188
736	Protein SON	Son	SON MOUSE	266 kDa	14	16	9	11	9	11	13	10	8	10	11	5	13	10	10	9		0.79	0.84	0.79	0.84	0.3285	0.5206	0.3593	0.4710
737	Endoplasmic reticulum resident protein 29	Erp27	ERP27 MOUSE	31 kDa	25	20	36	41	35	40	11	7	11	0	0	2	27	39	10	1		1.43	0.07	0.

802	Fumarate hydratase, mitochondrial	Fh	FUMH MOUSE	54 kDa	21	19	12	18	14	13	15	17	15	14	12	13	17	15	16	13	0.87	0.83	0.90	0.87	0.5075	0.0401	0.6074	0.3213
803	Anterior gradient protein 2 homolog	Agr2	AGR2 MOUSE	20 kDa	0	0	0	0	0	0	23	30	28	61	46	40	0	0	27	49		1.81				0.0599	0.0059	0.0159
804	ADP-ribosylation factor 4	Arf4	ARF4 MOUSE	20 kDa	19	19	20	21	13	15	13	14	19	14	12	12	19	16	15	13	0.84	0.83	0.79	0.78	0.3379	0.2853	0.1602	0.2634
805	Phosphoribosylformylglycinamidine sy	Ptas	PUR4 MOUSE	145 kDa	20	21	27	13	14	15	16	11	15	10	13	6	23	14	14	10	0.62	0.69	0.62	0.69	0.0501	0.1684	0.0369	0.1582
806	Protein PML	Pml	PML MOUSE	98 kDa	11	20	14	6	3	1	23	9	17	21	16	17	15	3	16	18	0.22	1.10	1.09	5.40	0.0288	0.7302	0.7988	0.0023
807	Eukaryotic translation initiation factor	Eif4g2	IF4G2 MOUSE	102 kDa	10	14	13	15	13	10	2	1	3	2	1	0	12	13	2	1	1.03	0.50	0.16	0.08	0.8686	0.2879	0.0052	0.0078
808	Eukaryotic translation initiation factor	Eif4b	IF4B MOUSE	69 kDa	20	14	21	15	18	21	11	8	6	3	4	7	18	18	8	5	0.98	0.56	0.45	0.26	0.9109	0.1262	0.0244	0.0047
809	V-type proton ATPase subunit B, brain	Atp6v1b2	VATB2 MOUSE	57 kDa	15	15	12	19	24	14	19	12	17	20	12	21	14	19	16	18	1.36	1.10	1.14	0.93	0.2191	0.6634	0.4527	0.7588
810	Cytochrome b5 type B	Cyb5b	CYB5B MOUSE	16 kDa	14	17	18	11	13	13	6	9	7	14	14	7	16	12	7	12	0.76	1.59	0.45	0.95	0.0590	0.1962	0.0050	0.8061
811	Pre-mRNA-splicing factor ATP-depend	Dhx15	DHX15 MOUSE	91 kDa	5	6	7	5	5	1	15	12	18	14	10	9	6	4	15	11	0.61	0.73	2.50	3.00	0.2157	0.1594	0.0256	0.0231
812	Heterogeneous nuclear ribonucleopro	Hnrnph2	RNRH2 MOUSE	49 kDa	19	23	19	20	14	15	26	20	21	20	21	12	20	16	22	18	0.80	0.79	1.10	1.08	0.1622	0.2525	0.4355	0.7180
813	Smoothelin	Smtn	SMTN MOUSE	100 kDa	5	0	3	2	0	1	7	40	6	1	28	8	3	1	18	12	0.38	0.70	6.63	12.33	0.3748	0.7205	0.3108	0.2960
814	cAMP-dependent protein kinase type	Prkar2a	KAP2 MOUSE	45 kDa	22	21	18	27	21	23	17	12	13	15	16	13	20	24	14	15	1.16	1.05	0.69	0.62	0.2027	0.7291	0.0337	0.0206
815	Thioredoxin	Txn	THIO MOUSE	12 kDa	15	22	18	18	23	17	22	18	18	23	18	21	18	19	19	21	1.05	1.07	1.05	1.07	0.7346	0.5363	0.7045	0.6035
816	Splicing factor 3B subunit 3	Sf3b3	SF3B3 MOUSE	136 kDa	7	13	12	5	5	1	16	13	9	16	12	13	11	4	13	14	0.34	1.08	1.19	3.73	0.0427	0.6979	0.5075	0.9252
817	Cleavage stimulation factor subunit 2	Cstf2	CSTF2 MOUSE	61 kDa	4	7	5	2	3	3	9	7	9	7	4	2	5	3	8	4	0.50	0.52	1.56	1.63	0.0797	0.0934	0.0576	0.3703
818	AP-1 complex subunit beta-1	Ap1b1	AP1B1 MOUSE	104 kDa	13	12	12	11	15	9	12	14	14	11	9	11	12	12	13	10	0.95	0.78	1.08	0.89	0.7439	0.0335	0.2739	0.5384
819	Phosphatidylinositol-binding clathrin a	Picalm	PICAL MOUSE	72 kDa	7	6	7	7	3	4	24	19	32	27	18	17	7	5	25	21	0.70	0.83	3.75	4.43	0.2335	0.4316	0.0392	0.0256
820	NADH dehydrogenase [ubiquinone] 1	Ndufa6	NDUA6 MOUSE	15 kDa	24	21	19	23	15	22	17	17	10	13	11	9	21	20	15	11	0.94	0.75	0.69	0.55	0.6757	0.2560	0.0848	0.0522
821	SAFB-like transcription modulator	Sltm	SLTM MOUSE	117 kDa	2	1	3	1	1	1	6	3	5	7	2	3	2	1	5	4	0.50	0.86	2.33	4.00	0.2254	0.7291	0.0746	0.1885
822	Enoyclakin	Evpl	EVPL MOUSE	232 kDa	0	0	0	0	1	0	0	0	0	17	11	9	0	0	10	12				37.00	0.4226	0.0359		0.0357
823	Lactoylglutathione lyase	Glo1	LGUL MOUSE	21 kDa	11	11	11	8	10	11	15	12	16	11	10	10	11	10	14	10	0.88	0.72	1.30	1.07	0.2697	0.0704	0.1091	0.5384
824	Ezrin	Ezr	EZRI MOUSE	69 kDa	2	8	7	4	3	4	26	14	15	47	46	36	6	4	18	43	0.65	2.35	3.24	11.73	0.3942	0.0092	0.0622	0.0075
825	Transmembrane emp24 domain-conta	Tmed4	TMED4 MOUSE	26 kDa	17	19	18	14	15	10	8	7	9	4	7	4	18	13	8	5	0.72	0.63	0.44	0.38	0.0675	0.0754	0.0003	0.0164
826	Signal peptidase complex catalytic sul	Sec11a	SC11A MOUSE	16 kDa	16	18	20	18	20	16	12	8	15	8	2	5	18	18	12	5	1.00	0.43	0.65	0.28	1.0000	0.0683	0.0685	0.0052
827	Scaffold attachment factor B1	Safb	SAFB1 MOUSE	105 kDa	5	6	8	8	6	4	8	6	8	11	11	10	6	6	13	11	0.95	0.84	2.00	1.78	0.8305	0.1394	0.0873	0.0469
828	SWI/SNF complex subunit SMARCC2	Smarcc2	SMRC2 MOUSE	133 kDa	14	18	8	11	7	9	17	8	11	14	15	8	13	9	12	12	0.68	1.03	0.90	1.37	0.2721	0.9275	0.7516	0.2693
829	14-3-3 protein gamma	Ywhag	1433G MOUSE	28 kDa	14	14	19	13	17	18	28	26	27	22	27	24	16	16	27	24	1.02	0.90	1.72	1.52	0.8900	0.1998	0.0134	0.0169
830	Dihydropteridine reductase	Qdpr	DHPR MOUSE	26 kDa	16	29	17	32	25	23	8	6	9	4	6	8	21	27	8	6	1.29	0.78	0.37	0.23	0.3052	0.3194	0.0837	0.0086
831	Uncharacterized protein C6orf132 hom	1 SV	CF132 MOUSE	128 kDa	0	0	0	0	0	2	0	0	0	4	0	1	0	1	0	2				1.00	0.4226	0.2999		0.5176
832	40S ribosomal protein S28	Rps28	RS28 MOUSE	8 kDa	31	34	26	35	25	25	14	14	18	9	14	10	30	28	15	11	0.93	0.72	0.51	0.39	0.6516	0.1007	0.0097	0.0208
833	Glyoxylate reductase/hydroxypyruvate	Grhpr	GRHPR MOUSE	35 kDa	21	33	27	34	26	23	9	7	16	6	8	3	27	28	11	6	1.02	0.53	0.40	0.20	0.8957	0.2027	0.0228	0.0111
834	ATP synthase subunit e, mitochondria	Atp5i	ATP5I MOUSE	8 kDa	19	17	10	23	17	17	17	11	15	25	17	17	15	19	14	20	1.24	1.37	0.93	1.04	0.3445	0.1814	0.7760	0.8520
835	Phosphatidylinositide phosphatase SA	Sacm1l	SAC1 MOUSE	67 kDa	14	18	20	18	26	24	8	10	8	10	12	11	17	23	9	11	1.31	1.27	0.50	0.49	0.1546	0.0584	0.0271	0.0339
836	Cytoplasmic FMR1-interacting protein	Cyfip1	CYFP1 MOUSE	145 kDa	1	5	2	0	1	0	15	16	20	17	18	15	3	0	17	17	0.13	0.98	6.38	50.00	0.1852	0.8615	0.0022	0.0010
837	Cold shock domain-containing protein	Csde1	CSDE1 MOUSE	89 kDa	9	15	19	14	15	12	5	1	4	1	3	0	14	14	3	1	0.95	0.40	0.23	0.10	0.8438	0.2567	0.0475	0.0006
838	PDZ and LIM domain protein 7	Pdlim7	PDLI7 MOUSE	50 kDa	0	0	0	1	0	2	9	24	15	12	22	5	0	1	16	13		0.81		13.00	0.2254	0.6726	0.0669	0.1336
839	Deoxynucleoside triphosphate triphos	Samhd1	SAMH1 MOUSE	73 kDa	3	11	3	3	4	3	39	23	26	18	24	25	6	3	29	22	0.59	0.76	5.18	6.70	0.4744	0.2907	0.0228	0.0115
840	Trefoil factor 1	Tff1	TFF1 MOUSE	10 kDa	0	0	0	0	0	0	10	10	11	37	47	46	0	0	10	43		4.19				0.0086	0.0010	0.0053
841	14-3-3 protein theta	Ywhaq	1433T MOUSE	28 kDa	13	15	21	18	18	18	19	25	21	17	26	18	16	18	22	20	1.10	0.94	1.33	1.13	0.5598	0.7147	0.1546	0.4987
842	Glutathione S-transferase A1	Gsta1	GSTA1 MOUSE	26 kDa	0	0	2	1	2	2	5	8	8	37	60	56	1	2	7	51	2.50	7.29	10.50	30.60	0.2739	0.0232	0.0090	0.0187
843	Src substrate cortactin	Cttn	SRC8 MOUSE	61 kDa	3	1	2	5	3	3	22	21	22	37	37	26	2	4	22	33	1.83	1.54	10.83	9.09	0.1332	0.0850	0.0001	0.0128
844	Glycogen phosphorylase, brain form	Pygb	PYGB MOUSE	97 kDa	11	8	5	8	6	4	22	20	18	32	33	36	8	6	20	34	0.75	1.68	2.50	5.61	0.3985	0.0012	0.0068	0.0001
845	Unconventional myosin-VIIa	Myo7a	MYO7A MOUSE	255 kDa	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	1				2.00	0.4226	0.4226		0.6856
846	Translocation protein SEC63 homolog	Sec63	SEC63 MOUSE	88 kDa	22	16	16	12	15	15	1	3	0	0	0	0	18	14	1	0	0.78	0.00	0.07	0.00	0.1734	0.2697	0.0063	0.0051
847	Heterochromatin protein 1-binding pro	Hp1bp3	HP1B3 MOUSE	61 kDa	10	18	8	9	4	3	25	14	19	18	17	17	12	5	19	17	0.44	0.90	1.61	3.25	0.1506	0.5943	0.1718	0.0204
848	Latent-transforming growth factor beta	Ltbp4	LTBP4 MOUSE	179 kDa	0	0	0	0	0	0	16	20	13	12	12	7	0	0	16	10		0.63				0.0867	0.0151	0.0250
849	RNA-binding protein FUS	Fus	FUS MOUSE	53 kDa	9	12	10	10	7	6	24	25	24	21	18	17	10	8	24	19	0.74	0.77	2.35	2.43	0.1546	0.0344	0.0015	0.0029
850	DAZ-associated protein 1	Dazap1	DAZP1 MOUSE	43 kDa	13	15	15	13	10	12	14	18	21	18	15	14	14	12	18	16	0.81	0.89	1.23	1.34	0.0782	0.4541	0.2369	0.0603
851	Enhancer of mRNA-decapping protein	Edc4	EDC4 MOUSE	152 kDa	5	6	9	4	3	1	7	7	8	9	7	3	7	3	7	6	0.40	0.86	1.10	2.38	0.0603	0.6302	0.6401	0.1618
852	Proteasome-associated protein ECM29	Ecm29	ECM29 MOUSE	204 kDa	11	14	7	12	9	8	4	3	3	1	5	1	11	10	3	2	0.91	0.88	0.25	0.24	0.6979	0.8465	0.0423	0.0158
853	Adenylate kinase 2, mitochondrial	Ak2	KAD2 MOUSE	26 kDa	17	22	23	21	13	17	22	15	8	12	11	8	21	17	15	10	0.82	0.69	0.73	0.61	0.2864	0.3687	0.2978	0.0829
854	Dipeptidyl peptidase 3	Dpp3	DPP3 MOUSE	83 kDa	17	19	17	13	12	12	16	13	15	13	12	12	18	12	15	12	0.70	0.84	0.83	1.00	0.0060	0.1042	0.0576	1.0000
855	Perilipin-3	Plin3	PLIN3 MOUSE	47 kDa	12	11	12	7	11	7	20	16	25	28	36	22	12	8	20	29	0.71	1.41	1.74	3.44	0.1222	0.1711	0.0773	0.0279
856	Trefoil factor 2	Tff2	TFF2 MOUSE	14 kDa	3	5	3	6	3	2	18	7	9	59	43	35	4	4	11	46	1.00	4.03	3.09	12.45	1.0000	0.0240	0.1470	0.0244
857	NADH dehydrogenase [ubiquinone] 1	Ndufa12	NDUAC MOUSE	17 kDa	24	26	27	24	17	16	12	9	10	13	16	7	26	19	10	12	0.74	0.16	0.40	0.63	0.1052	0.6009	0.0003	0.1279
858	Eukaryotic translation initiation factor	Eif4g3	IF4G3 MOUSE	175 kDa	1	0	0	0	2	0	0	0	2	0	0	0	0	1	1	0	2.00	0.00	2.00	0.00	0.6856	0.4226	0.6856	0.4226
859	Pleckstrin homology-like domain famil	Phldb1	PHLB1 MOUSE	150 kDa	1	1	0	0	1	0	3	2	1	4	4	2	1	0	2	3	0.50	1.67	3.00	10.00	0.5185	0.2065	0.1336	0.0286
860	60S ribosomal protein L36	Rpl36	RL36 MOUSE	12 kDa	27	27	17	21	15	18	13	10	15	6	7	9	24	18	13	7	0.76	0.58	0.54	0.41	0.2284	0.0455	0.0637	0.0122
861	Nucleolar transcription factor 1	Ubtf	UBF1 MOUSE	89 kDa	5	5	4	2	1	1	2	1	2	1	1	0	5	1	2	1	0.29	0.40	0.36	0.50	0.0021	0.1012	0.0031	0.2302
862	Keratin, type I cytoskeletal 42	Krt42	K1C42 MOUSE	50 kDa	12	11	13	10	2	10	5	4	10	16	9	11	12	7	6	12	0.61	2.00	0.50	1.64	0.2185	0.0867	0.0453	0.2438
863	High mobility group protein B2	Hmgb2	HMGB2 MOUSE	24 kDa	2	10	8	3	3	2	21	13	18	16	22	15	7	3	17	18	0.40	1.02	2.60	6.63	0.2365	0.9220	0.0334	0.0187
864	Mannose-1-phosphate guanyltransfera	Gmppb	GMPPB MOUSE	40 kDa	31	38	31	24	32	23	7	12	15	4	4	6	33	26	11	5	0.79	0.41	0.34	0.18	0.1328	0.0941	0.0026	0.0132
865	Complement factor B	Cfb	CFAB MOUSE	85 kDa	0	2	0	0	0	0	42	46	34	15	17	14	1	0	41	15	0.00	0.38	61.00		0.4226	0.0145	0.0062	0.0033
866	Probable ATP-dependent RNA helicas	Ddx46	DDX46 MOUSE	117 kDa	15	18	16	10	8	3	13	4	14	4	4	1	16	7	10	3	0.43	0.29	0.63	0.43	0.0316	0.1377	0.1936	0.1856
867	Dolichyl-diphosphooligosaccharide--pr	Stt3b	STT3B MOUSE	93 kDa	9	13	12	11	13	12	11	5	4	3	5	11	13	7	4	1	1.15	0.55	0.65	0.31	0.3740	0.0913	0.0782	0.0685
868	Alpha-adducin	Add1	ADDA MOUSE	81 kDa	7	3	7	0	2	1	18	12	18	17	15	17	6	1	16	16	0.18	1.02	2.82	16.33	0.0559	0.8865	0.0170	0.0001
869	Nuclear receptor coactivator 6	Ncoa6	NCOA6 MOUSE	220 kDa	0	0	0	0	0	0	0	0	2	0	1	1	0	0	1	1		1.00				1.0000	0.4226	0.1835
870	Thioredoxin domain-containing protein	Txndc5	TXND5 MOUSE	46 kDa	16	21	19	14	10	10	24	22	23	23	21	22	19	11	23	22	0.61	0.96	1.23	1.94	0.0208	0.2879	0.0811	0.0072
871	Hsc70-interacting protein	St13	F10A1 MOUSE	42 kDa	26	17	17	18	20	14	15	15	19	14	17	13	20	17	16	15	0.87	0.90	0.82	0.85	0.4956	0.4062	0.3517	0.2880
872	Splicing factor 3B subunit 4	Sf3b4	SF3B4 MOUSE	44 kDa	7	9	6	3	3	3	14	10	16	9	13	10	7	3	13	11	0.41	0.80	1.82	3.56	0.0390	0.2880	0.0572	0.0237
873	Nuclear pore complex protein Nup98-N	Nup98	NUP98 MOUSE	197 kDa	3	4	8	7	3	2	16	10	11	11	6	7	5	4	12	8	0.80	0.65	2.47	2.00	0.6675	0.1484	0.0399	0.1377
874	BAG family molecular chaperone regu	Bag3	BAG3 MOUSE	62 kDa	8	8	11	6	5	4	12	19	7	6	9	3	9	5	13	6	0.56	0.47	1.41	1.20	0.0366	0.1869	0.4047	0.6299
875	Heat shock protein beta-1	Hspb1	HSPB1 MOUSE	23 kDa	6	13	9	11	8	7	23	37	24	24	25	15	9	9	28	21	0.93	0.76	3.00	2.46	0.7944	0.3004	0.0372	0.0439
876	Creatine kinase U-type, mitochondrial	Ckmt1	KCRU MOUSE	47 kDa	0	0	0	1	0	1	9	8	9	32	55	46	0	1	9	44		5.12		66.50	0.1835	0.0332	0.0015	0.0225
877	Sorcin	Sri	SORCN MOUSE	22 kDa	7	9	5	6	4	6	21	13	30	23	40	30	7	5	23	31	0.76	1.33	3.33	5.81	0.2949	0.2774	0.0298	0.0330
878	Calponin-1	Cnn1	CNN1 MOUSE	33 kDa	2	0	0	5	0	5	24	47	14	0	55	21	1	3	28	25	5.00	0.89	42.50	7.60	0.2465	0.8823	0.1047	0.3030
879	Tensin-3	Tns3	TENS3 MOUSE	156 kDa	4	6	3	2	6	4	9	8	12	12	10	5	4	4	10	9	0.92	0.93	2.23	2.25	0.8305	0.7985	0.0268	0.1229
880	Eukaryotic translation initiation factor	Eif5	IF5 MOUSE	49 kDa	20	17	19	23	17	16	7	7	7	6	11	6	19	19	7	8	1.00	1.10	0.38	0.41	1.0000	0.7278	0.0057	0.0184
881	PERQ amino acid-rich with GYF dom	Gigyf2	PERQ2 MOUSE	149 kDa	16	11	21	16	12	14	9	4	7	7	6	2	16	14	7	5	0.88	0.75	0.42	0.36	0.5718	0.4735	0.0643	0.0111
882	Myomegalin	Pde4dip	MYOME MOUSE	251 kDa	3	6	4	4	5	2	1	0	1	0	0	0	4	4	1	0	0.85	0.00	0.15	0.00	0.6213	0.1835	0.0398	0.0533
883	Wiskott-Aldrich syndrome protein hom	Was	WASP MOUSE	54 kDa	0	0	0	0	0	0	1	1	3	0	2	0	0	0	2	1		0.40				0.3486	0.1296	0.4226
884	Neurofilament heavy polypeptide	Nefh	NFH MOUSE	117 kDa	4	3	1	3	2	4	3	13	0	3	3	4	3	3	5	3	1.13	0.63	2.00	1.11	0.7700	0.6618	0.5705	0.6495
885	Acyl-CoA dehydrogenase family meml	Acad9	ACAD9 MOUSE	69 kDa	7	7	8	7	9	7	7	5	3	4	8	4	7	8	5	5	1.05	1.07	0.68	0.70	0.6856	0.8595	0.1733	0.2173
886	Sulfotransferase 1C2	Sult1c2	ST1C2 MOUSE	35 kDa	11	12	5	8	7	9	9	4	9	26	40	42	9	8	7	36	0.86	4.91	0.79	4.50	0.6086	0.0208	0.5098	0.0298
887	Dihydrolipoyllysine-residue succinyltra	Dlst	ODO2 MOUSE	49 kDa	11	10	15	13	14	15	8	9	14	15	9	17	14	12	14	13	1.17	1.03	1.08	0.95	0.9115	0.6675	0.6675	0.8050
888	Protein sel-1 homolog 1	Sel1l	SE1L1 MOUSE	88 kDa	12	16	15	13	21	15	4	2	2	1	0	1	14	16	3	1	1.14	0.25	0.19	0.04	0.5117	0.0765	0.0029	0.0211
889	Protein transport protein Sec24A	Sec24a	SC24A MOUSE	119 kDa	19	14	24	6	8	4	2	1	3	2	0	1	19	6	2	1	0.32	0.50	0.11	0.17	0.0323	0.2879	0.0240	0.0316
890	Pleckstrin homology domain-containin	Plekha6	PKHA6 MOUSE	131 kDa	0	1	1	1	0	0	2	2	3	7	10	3	1	0	2	7	0.50	2.86	3.50	20.00	0.5185	0.1629	0.0241	0.0853
891	Leucine zipper protein 1	Luzp1	LUZP1 MOUSE	119 kDa	1	0	0	0	2	0	8	11	6	4	3	3	0	1	8	3	2.00	0.40	25.00	5.00	0.6856	0.0684	0.0265	0.0386
892	Serine protease HTRA2, mitochondria	Htra2	HTRA2 MOUSE	49 kDa	28	26	32	24	16	17	12	5	6	4	4	0	29	19	8	3	0.66	0.35	0.27	0.14	0.0403	0.1373	0.0020	0.0101
893	Cystathionine gamma-lyase	Cth	CGL MOUSE	44 kDa	30	29	34	31	33	38	6	3	5	0	0	0	31	34	5	0	1.10	0.00	0.15	0.00	0.3152	0.0339	0.0005	0.0037
894	Disabled homolog 2	Dab2	DAB2 MOUSE	82 kDa	3	4	3	1	0	1	29	28	29	15	12	12	3	1	29	13	0.20	0.45	8.60	19.50	0.0048	0.0019	0.0000	0.0033
895	Keratin, type II cytoskeletal 1	Krt1	K2C1 MOUSE	66 kDa	11	13	11	10	14	13	11	16	5	17	13	7	12	12	11	12	1.06	1.16	0.91	1.00	0.6596	0.7187	0.7852	1.0000
896	Heat shock 70 kDa protein 1A	Hspa1a	HS71A MOUSE	70 kDa	7	0	3	1	2	4	17	18	12	35	41	45	3	2	16	40	0.70	2.57	4.70	17.29	0.6846	0.0037	0.0111	0.0032
897	Small nuclear ribonucleoprotein Sm D	Snrpd2	SMD2 MOUSE	14 kDa	12	13	10	10	6	9	17	13	18	19	15	17	12	8	16	17	0.71	1.06	1.37	2.04	0.0951	0.6310	0.0658	0.0065
898	Chymotrypsin-C	Ctrc	CTRC MOUSE	29 kDa	30	23	35	26	23	19	11	11	13	0	0	0	29	23	12	0	0.77	0.00	0.40	0.00	0.1903	0.0032	0.0328	0.0079
899	Antithrombin-III	Serpinc1	ANT3 MOUSE	52 kDa	3	3	4	5	4	4	27	24	26	21	28	29	3	4	26	26	1.30	1.01	7.70	6.00	0.1012	0.9099	0.0005	0.0121
900	Ankyrin repeat domain-containing prot	Ankrd17	ANR17 MOUSE	274 kDa	2	4	2	1	1	0	1	0	2	0	0	0	3	1	1	0	0.25	0.00	0.38	0.00	0.0765	0.2254	0.1332	0.1835
901	SNW domain-containing protein 1	Snw1	SNW1 MOUSE	61 kDa	5	10	7	8	6	6	12	9	14	13	15	7	7	7	12	12	0.91	1.00	1.59	1.75	0.7065

964	Obg-like ATPase 1	Ola1	OLA1 MOUSE	45 kDa	16	19	18	20	22	23	11	3	9	4	8	9	18	22	8	7		1.23	0.91	0.43	0.32	0.0327	0.8284	0.0403	0.0029
965	mRNA export factor	Rae1	RAE1L MOUSE	41 kDa	5	7	11	10	2	5	13	8	17	11	13	8	8	6	13	11		0.74	0.84	1.65	1.88	0.5343	0.5484	0.1967	0.1568
966	Glycerol-3-phosphate dehydrogenase	Gpd1l	GPD1L MOUSE	38 kDa	7	17	8	16	21	17	7	5	6	8	22	23	11	18	6	18		1.69	2.94	0.56	0.98	0.1330	0.1357	0.2783	0.9527
967	Integrin beta-1	Itgb1	ITB1 MOUSE	88 kDa	4	5	2	2	3	1	14	22	14	26	31	23	4	2	17	27		0.55	1.60	4.55	13.33	0.2002	0.0487	0.0297	0.0063
968	Dynactin subunit 2	Dctn2	DCTN2 MOUSE	44 kDa	14	16	15	13	14	9	19	17	13	16	21	24	15	12	16	20		0.80	1.24	1.09	1.69	0.1791	0.2462	0.5355	0.0488
969	Advillin	Avil	AVIL MOUSE	92 kDa	0	0	0	0	0	0	1	0	0	0	23	38	31	0	0	31			92.00				0.0193	0.4226	0.0194
970	Mitogen-activated protein kinase 3	Mapk3	MK03 MOUSE	43 kDa	3	2	3	5	1	4	14	13	18	17	18	30	3	3	15	22		1.25	1.44	5.63	6.50	0.6401	0.2470	0.0120	0.0395
971	Keratin, type I cytoskeletal 14	Krt14	K1C14 MOUSE	53 kDa	12	9	11	9	11	10	6	7	2	7	4	6	11	10	5	6		0.94	1.13	0.47	0.57	0.5666	0.7291	0.0446	0.0199
972	Phosphatidylinositol 3,4,5-trisphospha	Inpp5d	SHIP1 MOUSE	134 kDa	0	0	0	0	0	0	3	0	0	0	2	0	0	0	1	1			0.67				0.7972	0.4226	0.4226
973	Pre-mRNA-processing factor 40 homo	Prpf40a	PR40A MOUSE	108 kDa	8	7	7	6	4	4	12	12	11	17	7	5	7	5	12	10		0.64	0.83	1.59	2.07	0.0386	0.6445	0.0008	0.3092
974	Cysteine-rich with EGF-like domain pr	Creld2	CRELD2 MOUSE	38 kDa	21	17	24	21	25	21	9	5	8	0	3	3	21	22	7	2		1.08	0.27	0.35	0.09	0.5355	0.0284	0.0088	0.0004
975	RNA-binding protein 25	Rbm25	RBM25 MOUSE	100 kDa	6	7	10	11	8	5	12	11	13	11	10	5	8	8	12	9		1.04	0.72	1.57	1.08	0.8829	0.2079	0.0504	0.8059
976	Synaptopodin-2	Synpo2	SYNP2 MOUSE	117 kDa	5	1	0	0	1	2	10	18	6	2	35	5	2	1	11	14		0.50	1.24	5.67	14.00	0.5903	0.8290	0.1022	0.3425
977	Ras-related protein Rap-1A	Rap1a	RAP1A MOUSE	21 kDa	14	10	16	10	13	14	19	16	14	20	24	20	13	12	16	21		0.93	1.31	1.23	1.73	0.6669	0.0647	0.2619	0.0076
978	Transcriptional regulator ATRX	Atrx	ATRX MOUSE	279 kDa	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1							0.4226		0.4226
979	Ornithine aminotransferase, mitochon	Oat	OAT MOUSE	48 kDa	5	4	3	5	5	4	3	5	3	2	0	0	8	4	5	14	12	1.25	0.81	3.58	2.33	0.2254	0.3185	0.0003	0.0814
980	von Willebrand factor A domain-conta	Vwa5a	VMA5A MOUSE	87 kDa	3	6	3	7	9	5	21	20	18	20	17	22	4	7	20	20		1.75	1.00	4.92	2.81	0.1224	1.0000	0.0003	0.0029
981	La-related protein 4	Larp4	LARP4 MOUSE	80 kDa	25	13	27	25	11	8	3	1	3	1	1	1	22	15	2	1		0.68	0.43	0.11	0.07	0.3646	0.1835	0.0447	0.1209
982	Glucosidase 2 subunit beta	Prkcsh	GLU2B MOUSE	59 kDa	10	13	18	10	16	15	18	15	18	13	16	11	14	14	17	13		1.00	0.78	1.24	0.98	1.0000	0.1150	0.2893	0.8947
983	CDK5 regulatory subunit-associated p	Cdk5rap3	CK5P3 MOUSE	57 kDa	15	22	25	16	20	15	1	2	0	0	0	0	21	17	1	0		0.82	0.00	0.00	0.00	0.3518	0.2254	0.0188	0.0086
984	Transmembrane emp24 domain-conta	Tmed9	TMED9 MOUSE	28 kDa	18	10	29	22	21	15	1	0	0	0	0	0	19	19	0	0		1.02	0.00	0.02	0.00	0.9592	0.4226	0.0766	0.0125
985	Histone H2A.V	H2afv	H2AV MOUSE	13 kDa	9	19	12	12	8	10	16	16	16	14	18	16	13	10	16	16		0.75	1.00	1.20	1.60	0.3822	1.0000	0.4631	0.0213
986	Histone H2A.Z	H2afz	H2AZ MOUSE	14 kDa	9	19	12	12	8	10	16	16	16	14	18	16	13	10	16	16		0.75	1.00	1.20	1.60	0.3822	1.0000	0.4631	0.0213
987	Protein-arginine deiminase type-2	Padi2	PADI2 MOUSE	76 kDa	9	21	6	27	25	19	0	0	0	0	0	0	12	24	0	0		1.97		0.00	0.00	0.1088		0.1201	0.0102
988	Glutathione peroxidase 3	Gpx3	GPX3 MOUSE	25 kDa	2	2	1	5	3	2	10	12	16	16	25	22	2	3	13	21		2.00	1.66	7.60	6.30	0.1908	0.0676	0.0218	0.0144
989	Homeobox protein cut-like 1	Cux1	CUX1 MOUSE	166 kDa	2	4	2	1	4	2	1	0	0	0	0	0	3	2	1	0		0.63	0.00	0.25	0.00	0.5176	0.4226	0.0127	0.2999
990	Interferon regulatory factor 2-binding p	Irf2bp2	I2BP2 MOUSE	59 kDa	5	2	4	2	1	2	9	7	10	11	8	6	4	2	9	8		0.45	0.96	2.36	5.00	0.1394	0.8560	0.0160	0.0386
991	Serine/threonine-protein kinase MRCK	Cdc42bpb	MRCKB MOUSE	195 kDa	0	2	0	0	0	0	0	1	0	0	3	1	1	0	0	1		0.00	4.00	0.50		0.4226	0.3785	0.6856	0.2697
992	von Willebrand factor A domain-conta	Vwa8	VWA8 MOUSE	213 kDa	3	5	4	4	3	1	0	0	0	0	2	1	4	3	0	1		0.67		0.00	0.38	0.2846	0.2254	0.0202	0.2002
993	Thioredoxin reductase 1, cytoplasmic	Txnrd1	TRXR1 MOUSE	67 kDa	9	9	8	10	9	6	14	15	13	21	18	23	9	8	14	21		0.96	1.48	1.62	2.48	0.8113	0.0310	0.0032	0.0032
994	Nucleolar protein 58	Nop58	NOP58 MOUSE	60 kDa	18	18	23	21	6	8	15	9	11	7	9	7	20	8	11	8		0.42	0.72	0.54	0.92	0.0072	0.3688	0.0531	0.0065
995	Gamma-adducin	Add3	ADDG MOUSE	79 kDa	3	2	2	0	0	0	8	3	5	6	5	6	2	0	5	6		0.00	1.06	2.29		0.0198	0.8421	0.1696	0.0034
996	Electron transfer flavoprotein-ubiquino	Etfdh	ETFD MOUSE	68 kDa	21	14	15	12	13	11	7	6	7	11	12	9	17	12	7	11		0.72	1.60	0.40	0.89	0.1593	0.0327	0.0418	0.2846
997	26S proteasome non-ATPase regulatc	Psmd13	PSD13 MOUSE	43 kDa	11	12	16	11	10	11	15	16	15	14	17	16	13	11	15	16		0.82	1.02	1.18	1.47	0.2637	0.7507	0.2637	0.0193
998	3\'(2\',5'-bisphosphate nucleotidase 1	Bpnt1	BPNT1 MOUSE	33 kDa	7	13	16	18	15	19	4	3	9	12	16	16	12	17	5	15		1.44	2.75	0.44	0.85	0.1706	0.0185	0.1162	0.2123
999	AP-1 complex subunit mu-2	Ap1m2	AP1M2 MOUSE	48 kDa	8	5	10	3	5	5	0	3	5	4	4	8	4	4	2	4		0.57	2.17	0.26	1.00	0.1346	0.1341	0.0386	1.0000
1000	Dolichyl-diphosphooligosaccharide--pr	Dad1	DAD1 MOUSE	12 kDa	18	15	18	23	26	23	13	6	7	5	7	8	17	24	9	7		1.41	0.77	0.51	0.28	0.0078	0.4663	0.0449	0.0002
1001	NADH dehydrogenase [ubiquinone] iro	Ndufs5	NDUS5 MOUSE	13 kDa	15	13	16	11	11	7	11	14	12	15	13	9	15	10	12	12		0.66	1.00	0.84	1.28	0.0428	1.0000	0.1347	0.2988
1002	Nuclear pore complex protein Nup155	Nup155	NU155 MOUSE	155 kDa	0	0	2	1	0	1	1	1	3	2	3	1	1	1	2	2		1.00	1.20	2.50	3.00	1.0000	0.7250	0.3486	0.1336
1003	NADPH--cytochrome P450 reductase	Por	NCPR MOUSE	77 kDa	7	4	5	5	4	4	6	7	8	14	10	15	5	4	7	13		0.81	1.86	1.31	3.00	0.3785	0.0453	0.2002	0.0253
1004	1-phosphatidylinositol 4,5-bisphospha	Plcg2	PLCG2 MOUSE	148 kDa	0	0	0	0	0	0	3	1	1	2	9	3	0	0	2	5			2.80				0.3020	0.1296	0.1663
1005	Methionine aminopeptidase 2	Metap2	MAP2 MOUSE	53 kDa	22	24	16	25	21	15	8	5	4	7	5	3	21	20	6	5		0.98	0.88	0.27	0.25	0.9340	0.7096	0.0120	0.0222
1006	Protein cordon-bleu	Cobl	COBL MOUSE	144 kDa	0	0	0	4	0	0	0	0	0	0	0	0	0	1	0	0					0.00	0.4226			0.4226
1007	26S proteasome non-ATPase regulatc	Psmd3	PSMD3 MOUSE	61 kDa	14	8	22	7	6	9	15	13	11	13	14	15	15	7	13	14		0.50	1.08	0.89	1.91	0.2083	0.4961	0.7260	0.0052
1008	Stomatin-like protein 2, mitochondrial	Stoml2	STML2 MOUSE	38 kDa	15	13	14	13	9	8	19	15	15	19	17	10	14	10	16	15		0.71	0.94	1.17	1.53	0.1064	0.7642	0.2157	0.1825
1009	Probable ubiquitin carboxyl-terminal h	Usp9x	USP9X MOUSE	291 kDa	2	5	1	1	2	0	4	2	3	0	1	2	3	1	3	1		0.38	0.33	1.13	1.00	0.3033	0.0705	0.8194	1.0000
1010	Cysteine and glycine-rich protein 1	Csrp1	CSRP1 MOUSE	21 kDa	9	9	16	13	13	13	17	25	18	16	21	12	11	13	20	16		1.15	0.82	1.76	1.26	0.5492	0.3686	0.0653	0.3288
1011	Purine nucleoside phosphorylase	Pnp	PNPH MOUSE	32 kDa	8	8	11	8	9	12	21	24	19	20	21	24	9	10	21	22		1.07	1.02	2.37	2.24	0.6924	0.8686	0.0034	0.0021
1012	Inner nuclear membrane protein Man1	Lemd3	MAN1 MOUSE	100 kDa	2	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0		0.00	0.00	1.00		0.4226	0.1835	1.0000	
1013	Polymerase delta-interacting protein 3	Poldip3	PDIP3 MOUSE	46 kDa	4	5	4	2	3	3	13	9	6	13	13	4	4	3	9	10		0.62	1.07	2.15	3.75	0.0241	0.8641	0.1290	0.1327
1014	Enoyl-CoA delta isomerase 1, mitoch	Eci1	ECI1 MOUSE	32 kDa	19	13	18	22	18	18	17	12	13	12	15	14	17	19	14	14		1.16	0.98	0.84	0.71	0.3141	0.8615	0.3316	0.0302
1015	Sorting nexin-2	Snx2	SNX2 MOUSE	58 kDa	9	8	4	9	7	4	25	14	18	17	17	19	7	7	19	18		0.95	0.93	2.71	2.65	0.8820	0.7212	0.0466	0.0078
1016	F-actin-capping protein subunit alpha-	Capza2	CAZA2 MOUSE	33 kDa	9	9	8	7	9	6	22	19	22	23	23	19	9	7	21	22		0.85	1.03	2.42	2.95	0.2667	0.7111	0.0033	0.0016
1017	Proteasome subunit alpha type-4	Psma4	PSA4 MOUSE	29 kDa	12	14	18	6	7	9	23	16	13	16	19	16	15	7	17	17		0.50	0.98	1.18	2.32	0.0350	0.9232	0.4915	0.0020
1018	Chloride intracellular channel protein	Clic1	CLIC1 MOUSE	27 kDa	3	4	6	2	4	5	22	20	25	30	21	24	4	4	22	25		0.85	1.12	5.15	6.82	0.6213	0.4400	0.0012	0.0092
1019	WW domain-binding protein 11	Wbp11	WBP11 MOUSE	70 kDa	1	1	2	1	1	1	1	1	2	2	3	1	1	2	2	1		0.75	1.40	1.25	2.33	0.4226	0.4382	0.6856	0.0572
1020	Ankycorbin	Rai14	RAI14 MOUSE	109 kDa	7	10	9	10	8	10	10	10	10	19	6	7	9	9	10	11		1.08	1.07	1.15	1.14	0.5813	0.8878	0.2697	0.7811
1021	26S proteasome non-ATPase regulatc	Psmd1	PSMD1 MOUSE	106 kDa	6	8	13	9	7	6	6	6	10	14	12	12	9	7	7	13		0.81	1.73	0.81	1.73	0.5199	0.0386	0.5432	0.0102
1022	Glyoxalase domain-containing protein	Glod4	GLOD4 MOUSE	33 kDa	16	14	14	10	8	10	20	18	14	16	24	22	15	9	17	21		0.64	1.19	1.18	2.21	0.0048	0.3314	0.2667	0.0344
1023	Small nuclear ribonucleoprotein Sm D	Snrpd1	SMD1 MOUSE	13 kDa	15	12	12	12	8	8	14	11	13	18	13	19	13	9	13	17		0.72	1.32	0.97	1.79	0.0980	0.1513	0.8151	0.0374
1024	Transmembrane 9 superfamily membe	Tm9sf3	TM9S3 MOUSE	68 kDa	10	9	6	9	10	7	6	3	7	6	7	5	9	8	9	6	7	1.04	1.11	0.76	0.81	0.8350	0.6278	0.2335	0.3194
1025	Dynactin subunit 1	Dctn1	DCTN1 MOUSE	142 kDa	4	10	11	6	4	4	9	8	7	10	11	13	8	5	8	10		0.56	1.21	0.96	2.07	0.2303	0.2002	0.8948	0.0125
1026	Coronin-1B	Coro1b	COR1B MOUSE	54 kDa	5	5	5	4	3	7	19	14	15	18	26	15	5	5	16	20		0.93	1.23	3.20	4.21	0.8075	0.3899	0.0187	0.0326
1027	Synaptopodin	Synpo	SYNPO MOUSE	100 kDa	0	0	1	0	1	0	17	18	8	15	9	9	0	0	14	11		1.00	0.77	43.00	33.00	1.0000	0.4337	0.0465	0.0305
1028	Glutathione reductase, mitochondrial	Gsr	GSHR MOUSE	54 kDa	5	7	5	9	5	4	8	7	11	22	24	18	6	6	9	21		1.06	2.46	1.53	3.56	0.8554	0.0969	0.1135	0.0039
1029	Tricarboxylate transport protein, mitoc	Slc25a1	TXTP MOUSE	34 kDa	8	5	14	4	12	8	6	7	7	12	7	12	9	8	7	10		0.89	1.55	0.74	1.29	0.7902	0.1542	0.4714	0.4629
1030	MICOS complex subunit Mic27	Apool	MIC27 MOUSE	29 kDa	12	10	14	9	5	8	10	13	12	11	17	9	12	7	12	12		0.61	1.06	0.97	1.68	0.0489	0.8143	0.8305	0.1616
1031	Unconventional myosin-Va	Myo5a	MYO5A MOUSE	216 kDa	0	0	0	2	2	0	0	2	0	0	1	0	0	1	1	0			0.50		0.25	0.1835	0.6856	0.4226	0.2739
1032	Versican core protein	Vcan	CSPG2 MOUSE	367 kDa	0	0	0	0	0	0	14	14	8	4	9	4	0	0	12	6			0.47				0.0738	0.0267	0.0767
1033	Far upstream element-binding protein	Fubp1	FUBP1 MOUSE	69 kDa	9	11	13	4	2	5	21	16	18	8	11	9	11	4	18	9		0.33	0.51	1.67	2.55	0.0086	0.0103	0.0185	0.0105
1034	Beta-2-glycoprotein 1	Apoh	APOH MOUSE	39 kDa	3	3	1	3	3	3	30	25	20	7	10	9	2	3	25	9		1.29	0.35	10.71	2.89	0.4226	0.0221	0.0124	0.0034
1035	Acyl-CoA-binding protein	Dbi	ACBP MOUSE	10 kDa	9	16	11	8	12	13	17	13	12	23	15	16	12	11	14	18		0.92	1.29	1.17	1.64	0.7199	0.2597	0.4854	0.0900
1036	Aldehyde dehydrogenase, cytosolic 1	Aldh1a7	AL1A7 MOUSE	55 kDa	19	22	23	25	26	13	6	5	1	3	1	1	21	21	4	2		1.00	0.42	0.19	0.08	1.0000	0.2642	0.0011	0.0393
1037	Short-chain specific acyl-CoA dehydro	Acads	ACADS MOUSE	45 kDa	10	12	7	15	15	14	10	8	8	18	14	15	10	15	9	16		1.52	1.81	0.90	1.07	0.0684	0.0132	0.5788	0.4970
1038	Prothymosin alpha	Ptma	PTMA MOUSE	12 kDa	4	4	9	4	2	7	29	22	35	34	31	24	6	4	29	30		0.76	1.03	5.06	6.85	0.5796	0.8452	0.0141	0.0051
1039	Cytochrome b-c1 complex subunit 8	Uqcrq	QCR8 MOUSE	10 kDa	10	11	10	6	6	5	10	8	7	10	10	7	10	6	8	9		0.58	1.13	0.77	1.50	0.0059	0.4465	0.0357	0.0955
1040	Rootletin	Crocc	CROCC MOUSE	227 kDa	0	0	0	0	0	2	2	1	2	3	1	2	0	1	2	2			1.20		3.00	0.4226	0.6495	0.0377	0.2065
1041	Thioredoxin-dependent peroxide reduc	Prdx3	PRDX3 MOUSE	28 kDa	21	17	17	14	12	14	7	8	4	13	11	13	18	13	6	12		0.73	1.95	0.35	0.93	0.0452	0.0204	0.0027	0.3486
1042	Golgin subfamily A member 4	Golga4	GOGA4 MOUSE	258 kDa	2	5	3	3	2	1	1	1	1	0	0	0	3	2	1	0		0.60	0.33	0.30	0.17	0.2846	0.1835	0.1181	0.0824
1043	ATP-dependent RNA helicase DHX29	Dhx29	DHX29 MOUSE	154 kDa	0	0	1	2	1	0	0	0	1	0	0	0	0	0	0	0		3.00	0.00	1.00	1.00	0.3868	0.4226	1.0000	0.2254
1044	DNA damage-binding protein 1	Ddb1	DDB1 MOUSE	127 kDa	8	9	10	3	8	3	14	6	5	9	9	12	9	5	10	10		0.52	1.15	0.96	2.14	0.1092	0.6829	0.9150	0.0645
1045	A-kinase anchor protein 12	Akap12	AKA12 MOUSE	181 kDa	0	0	0	0	0	0	4	8	3	17	9	11	0	0	5	12			2.47				0.0727	0.0820	0.0359
1046	Glutathione S-transferase A3	Gsta3	GSTA3 MOUSE	25 kDa	7	4	2	12	9	10	6	6	3	22	21	24	4	10	5	22		2.38	4.47	1.15	2.16	0.0332	0.0002	0.7270	0.0007
1047	Nucleolar RNA helicase 2	Ddx21	DDX21 MOUSE	94 kDa	11	12	12	6	5	1	12	7	7	6	11	3	12	4	9	7		0.34	0.77	0.74	1.67	0.0325	0.5277	0.2102	0.4011
1048	Serrate RNA effector molecule homolc	Srrt	SRRT MOUSE	100 kDa	5	12	8	8	6	5	14	10	11	5	12	4	8	6	12	7		0.76	0.60	1.40	1.11	0.4383	0.1971	0.2455	0.8218
1049	Chromosome transmission fidelity pro	Ctf18	CTF8A MOUSE	52 kDa	0	0	0	0	0	0	2	0	1	0	0	0	0	0	1	0			0.00				0.2254	0.2254	
1050	Erbin	Erbin	ERBIN MOUSE	157 kDa	0	1	0	0	0	0	2	1	3	6	2	2	0	0	2	3		0.00	1.67	6.00		0.4226	0.4326	0.0824	0.1296
1051	Ras-related C3 botulinum toxin substr	Rac1	RAC1 MOUSE	21 kDa	12	14	5	13	8	8	23	13	14	13	9	12	10	10	17	11		0.94	0.68	1.61	1.17	0.8470	0.2298	0.2068	0.4670
1052	Protein S100-A6	S100a6	S10A6 MOUSE	10 kDa	4	4	5	5	5	5	9	9	11	14	17	19	4	5	10	17		1.15	1.72	2.23	3.33	0.1835	0.0253	0.0060	0.0152
1053	Guanine deaminase	Gda	GUAD MOUSE	51 kDa	6	9	5	10	10	9	29	27	25	21	12	10	7	10	27	14		1.45	0.53	4.05	1.48	0.1212	0.0522	0.0003	0.3013
1054	AP-2 complex subunit mu	Ap2m1	AP2M1 MOUSE	50 kDa	2	1	7	1	2	1	13	9	11	9	8	12	3	1	11	10		0.40	0.88	3.30	7.25	0.3942	0.4686	0.0330	0.0148
1055	AP-3 complex subunit delta-1	Ap3d1	AP3D1 MOUSE	135 kDa	3	10	8	9	9	6	1	2	3	4	2	7	8	2	3	3		1.14	1.50	0.29	0.38	0.6954	0.2879	0.1298	0.0199
1056	Rho-associated protein kinase 2	Rock2	ROCK2 MOUSE	161 kDa	0	0	0	0	0	0	1	0	1	4	3	2	0	0	1	3			4.50				0.0357	0.1835	0.0351
1057	Eukaryotic translation initiation factor	Eif2s2	IF2B MOUSE	38 kDa	16	21	19	18	20	16	7	6	7	4	4	2	19	18	7	3		0.96	0.50	0.36	0.19	0.7385	0.0217	0.0112	0.0012
1058	Acetyl-CoA carboxylase 2	Acacb	ACACB MOUSE	276 kDa	1	2	0	1	2	1	0	0	0	0	0	1	1	1	0	0		1.33		0.00	0.25	0.6495	0.4226	0.2254	0.1012
1059	Heterogeneous nuclear ribonucleoprot	Hnrnpab	ROAA MOUSE	31 kDa	15	11	14	11	11	9	17	16	15	15	15	12	13	10	16	14	7	0.78	0.88	1.20	1.35	0.1135	0.1759	0.1432	0.0455
1060	Insulin-degrading enzyme	Ide	IDE MOUSE	118 kDa	8	13	11	13	8	14	8	7	6	7	5	3	11	12	7	5		1.09	0.71	0.66	0.43	0.6944	0.2209	0.1135	0.0481
1061	Proteasome activator complex subunit	Psme1	PSME1 MOUSE	29 kDa	4	6	4	1	8	3	21	15	16	13	18	14	5	4	17	15		0.86	0.87	3.71	3.75	0.7848	0.3885	0.0129	0.0157
1062	NADH dehydrogenase [ubiquinone] 1	Ndufc2	NDUC2 MOUSE	14 kDa	11	9	9	11	9	5	3	4	7	8	5	3	10	8	5	5		0.86	1.14	0.48	0.64	0.5384	0.7421	0.0335	0.2

1126	Xanthine dehydrogenase/oxidase	Xdh	XDH MOUSE	147 kDa	0	0	0	0	0	0	17	18	17	19	21	13	0	0	17	18			1.02					0.9029	0.0004	0.0180
1127	Mitochondrial import inner membrane	Timm50	TIM50 MOUSE	40 kDa	12	8	10	6	7	4	6	7	9	9	3	4	10	6	7	5		0.57	0.73	0.73	0.94	0.0442	0.4054	0.1453	0.8819
1128	Cytoplasmic dynein 1 light intermediat	Dync1li1	DC1L1 MOUSE	57 kDa	10	9	10	7	5	2	6	5	4	6	5	3	10	5	5	5		0.48	0.93	0.52	1.00	0.0684	0.7700	0.0048	1.0000
1129	Conserved oligomeric Golgi complex s	Coq1	COG1 MOUSE	109 kDa	1	3	1	0	0	0	1	0	0	0	0	0	2	0	0	0		0.00	0.00	0.20		0.1296	0.4226	0.1734	
1130	von Willebrand factor A domain-contai	Vwa1	VWA1 MOUSE	45 kDa	6	10	4	6	8	10	22	20	17	12	18	16	7	8	20	15		1.20	0.78	2.95	1.92	0.5666	0.1334	0.0053	0.0322
1131	Laminin subunit gamma-2	Lamc2	LAMC2 MOUSE	130 kDa	0	0	0	0	0	0	7	7	13	17	18	20	0	0	9	18			2.04				0.0280	0.0460	0.0023
1132	Carnitine O-palmitoyltransferase 2, mi	Cpt2	CPT2 MOUSE	74 kDa	7	7	15	3	10	10	5	5	7	16	11	12	10	8	6	13		0.79	2.29	0.59	1.70	0.6031	0.0263	0.2696	0.1397
1133	Serine protease HTRA1	Htra1	HTRA1 MOUSE	51 kDa	0	0	2	1	0	2	3	4	2	4	2	3	1	1	3	3		1.50	1.00	4.50	3.00	0.7250	1.0000	0.0584	0.0705
1134	Protein S100-A11	S100a11	S10AB MOUSE	11 kDa	4	3	3	1	3	2	19	15	29	28	30	28	3	2	21	29		0.60	1.37	6.30	14.33	0.1336	0.2044	0.0505	0.0000
1135	Tyrosine-protein phosphatase non-rec	Ptpn23	PTN23 MOUSE	185 kDa	2	2	7	0	4	1	6	2	7	2	2	1	4	2	5	2		0.45	0.33	1.36	1.00	0.3906	0.1555	0.5873	1.0000
1136	Perilipin-1	Plin1	PLIN1 MOUSE	56 kDa	8	13	6	4	2	3	11	24	5	18	12	11	9	3	13	14		0.33	1.03	1.48	4.56	0.0930	0.9598	0.5297	0.0325
1137	Metastasis-associated protein MTA2	Mta2	MTA2 MOUSE	75 kDa	3	9	5	1	3	2	10	10	10	9	7	3	6	2	10	6		0.35	0.63	1.76	3.17	0.1641	0.1732	0.1333	0.1223
1138	Proline-rich protein 14	Prr14	PRR14 MOUSE	68 kDa	1	0	1	0	0	2	0	1	0	1	3	2	3	1	0	1		0.00	2.67	1.50		0.1835	0.0824	0.6495	0.0153
1139	NADH dehydrogenase [ubiquinone] 1	Ndufa5	NDUA5 MOUSE	13 kDa	13	6	6	7	4	7	6	6	4	5	9	6	8	6	5	7		0.72	1.25	0.64	1.11	0.4323	0.4009	0.3266	0.6924
1140	Cytochrome P450 3A13	Cyp3a13	CP3AD MOUSE	57 kDa	0	0	0	8	7	8	0	0	0	7	21	31	0	8	0	20					2.57	0.0019	0.1058		0.2266
1141	H/ACA ribonucleoprotein complex sub	Gar1	GAR1 MOUSE	23 kDa	7	9	7	4	5	5	4	3	4	5	5	4	8	4	4	5		0.52	1.27	0.48	1.17	0.0148	0.1012	0.0133	0.3868
1142	Tubulin beta-2B chain	Tubb2b	TBB2B MOUSE	50 kDa	5	4	5	4	2	2	21	18	14	15	18	11	5	3	18	15		0.57	0.83	3.79	5.50	0.0765	0.3545	0.0211	0.0192
1143	DnaJ homolog subfamily C member 1	Dnajc11	DJC11 MOUSE	63 kDa	9	8	16	5	6	3	2	2	3	7	5	3	11	5	2	5		0.42	2.14	0.21	1.07	0.1160	0.1385	0.0725	0.8305
1144	Bone marrow proteoglycan	Prg2	PRG2 MOUSE	24 kDa	1	0	1	2	2	2	23	12	10	31	10	11	1	2	15	17		3.00	1.16	22.50	8.67	0.0572	0.7868	0.0702	0.1542
1145	Inter-alpha-trypsin inhibitor heavy cha	Itih1	ITIH1 MOUSE	100 kDa	0	1	0	0	0	0	28	20	17	6	8	8	0	0	22	7		0.00	0.34	65.00		0.4226	0.0438	0.0219	0.0082
1146	Calpain-1 catalytic subunit	Capn1	CAN1 MOUSE	82 kDa	1	2	1	2	1	2	11	11	6	14	15	22	1	2	9	17		1.25	1.82	7.00	10.20	0.5185	0.0734	0.0364	0.0242
1147	LIM and SH3 domain protein 1	Lasp1	LASP1 MOUSE	30 kDa	2	4	2	5	3	10	12	12	14	20	23	3	4	11	19			1.63	1.68	4.25	4.38	0.1518	0.0934	0.0008	0.0253
1148	Histone H1.2	Hist1h1c	H12 MOUSE	21 kDa	9	8	6	4	6	8	13	7	9	11	12	11	8	6	10	11		0.78	1.17	1.26	1.89	0.3194	0.4455	0.3865	0.0354
1149	26S proteasome non-ATPase regulatc	Psmd12	PSD12 MOUSE	53 kDa	12	13	13	10	12	13	11	10	10	8	5	4	13	12	10	6		0.92	0.55	0.82	0.49	0.3785	0.0516	0.0078	0.0187
1150	Serine/threonine-protein kinase DCLK	Dclk1	DCLK1 MOUSE	84 kDa	0	1	0	0	0	0	6	6	2	15	27	23	0	0	5	22		0.00	4.64	14.00		0.4226	0.0284	0.0752	0.0250
1151	Nucleosome assembly protein 1-like 4	Nap1l4	NP1L4 MOUSE	43 kDa	8	11	11	9	5	4	3	4	3	4	5	4	8	4	4	5		0.70	1.81	1.60	1.86	0.1224	0.2330	0.0178	0.0530
1152	Galectin-3	Lgals3	LEG3 MOUSE	27 kDa	0	0	0	0	0	0	23	23	23	30	19	14	0	0	23	21			0.91				0.7133		0.0471
1153	Plasma protease C1 inhibitor	Serping1	IC1 MOUSE	56 kDa	0	0	1	0	0	0	15	18	15	13	8	14	0	0	16	12		0.00	0.73	48.00		0.4226	0.1300	0.0019	0.0244
1154	Delta-aminolevulinic acid dehydratase	Alad	HEM2 MOUSE	36 kDa	10	19	26	5	6	6	16	17	17	12	11	6	18	6	17	10		0.31	0.58	0.91	1.71	0.1110	0.0595	0.7537	0.1602
1155	Calumenin	Calu	CALU MOUSE	37 kDa	3	3	5	0	1	2	18	19	18	20	12	10	4	1	18	14		0.27	0.76	5.00	14.00	0.0401	0.2912	0.0003	0.0467
1156	MICAL-like protein 2	Micall2	MILK2 MOUSE	108 kDa	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1			2.00				0.6856	0.4226	0.4226
1157	Ferritin heavy chain	Fth1	FRIH MOUSE	21 kDa	2	2	0	2	2	6	11	10	13	16	21	26	1	3	11	21		2.50	1.85	8.50	6.30	0.2739	0.0680	0.0011	0.0136
1158	Macrophage-capping protein	Capg	CAPG MOUSE	39 kDa	1	2	1	2	2	2	17	16	17	21	26	24	1	2	17	24		1.50	1.42	12.50	11.83	0.1835	0.0349	0.0000	0.0045
1159	CD166 antigen	Alcam	CD166 MOUSE	65 kDa	10	14	8	15	7	11	9	10	11	15	15	12	11	11	10	14		1.03	1.40	0.94	1.27	0.9146	0.0366	0.7484	0.3266
1160	Peptidyl-prolyl cis-trans isomerase FK	Fkbp2	FKBP2 MOUSE	15 kDa	22	19	10	24	23	23	8	9	11	6	5	5	17	23	9	5		1.37	0.57	0.55	0.23	0.2203	0.0027	0.1611	0.0000
1161	Ubiquitin-fold modifier 1	Ufm1	UFM1 MOUSE	9 kDa	11	7	8	9	11	9	3	4	5	2	4	0	9	10	4	2		1.12	0.50	0.46	0.21	0.5176	0.2209	0.0422	0.0087
1162	Protein phosphatase 1 regulatory subu	Ppp1r12a	MYPT1 MOUSE	115 kDa	4	2	1	2	1	1	9	12	8	8	19	5	2	1	10	11		0.57	1.10	4.14	8.00	0.3785	0.8395	0.0099	0.1588
1163	Calpastatin	Cast	ICAL MOUSE	85 kDa	0	0	0	0	0	0	5	2	3	5	7	8	0	0	3	7			2.00				0.0557	0.0634	0.0171
1164	Formin-like protein 1	Fmnl1	FMNL1 MOUSE	122 kDa	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	1			1.00				1.0000	0.4226	0.4226
1165	EH domain-containing protein 4	Ehd4	EHD4 MOUSE	61 kDa	2	6	8	4	5	8	13	16	13	10	14	15	5	6	14	13		1.06	0.93	2.63	2.29	0.8844	0.6174	0.0211	0.0216
1166	Cathepsin B	Ctsb	CATB MOUSE	37 kDa	5	6	9	7	7	7	25	19	20	20	15	19	7	7	21	18		1.05	0.84	3.20	2.57	0.8075	0.2403	0.0046	0.0187
1167	Catalase	Cat	CATA MOUSE	60 kDa	11	3	7	5	4	7	19	16	15	8	17	13	7	5	17	13		0.76	0.76	2.38	2.38	0.5558	0.2629	0.0338	0.0939
1168	Phosphatidylinositol 4-kinase alpha	Pi4ka	PI4KA MOUSE	237 kDa	0	1	1	1	1	1	1	0	1	2	0	2	1	1	1	1		1.50	2.00	1.00	1.33	0.4226	0.4382	1.0000	0.6667
1169	Protein FAM83H	Fam83h	FA83H MOUSE	131 kDa	2	0	4	0	1	0	0	0	2	4	0	0	2	0	1	1		0.17	2.00	0.33	4.00	0.2832	0.6856	0.3868	0.5351
1170	Pre-mRNA-processing factor 19	Prpf19	PRP19 MOUSE	55 kDa	8	8	11	6	4	2	19	15	12	19	21	16	9	4	15	19		0.44	1.22	1.70	4.67	0.0316	0.2591	0.0699	0.0010
1171	Cdc42 effector protein 1	Cdc42ep1	BORG5 MOUSE	43 kDa	1	3	4	6	3	1	4	2	7	4	7	2	3	3	4	4		1.25	1.00	1.63	1.30	0.7189	1.0000	0.3931	0.6500
1172	Unconventional myosin-Id	Myo1d	MYO1D MOUSE	116 kDa	1	0	0	0	0	0	0	1	4	20	24	21	0	0	2	22		0.00	13.00	5.00		0.4226	0.0003	0.3841	0.0031
1173	Hepatocyte growth factor-regulated tyr	Hgs	HGS MOUSE	86 kDa	3	2	2	1	2	1	5	4	6	4	5	4	2	1	5	4		0.57	0.87	2.14	3.25	0.1012	0.3868	0.0248	0.0031
1174	Lamina-associated polypeptide 2, isof	Tmpo	LAP2B MOUSE	50 kDa	8	6	5	6	5	5	15	10	10	11	13	11	6	5	12	12		0.84	1.00	1.84	2.19	0.3785	1.0000	0.0653	0.0037
1175	C-terminal-binding protein 1	Ctbp1	CTBP1 MOUSE	48 kDa	9	7	9	7	5	2	16	8	12	11	9	7	8	5	12	9		0.56	0.75	1.44	1.93	0.1117	0.3308	0.2493	0.0832
1176	SH3 domain-containing protein 19	Sh3d19	SH319 MOUSE	86 kDa	0	0	0	0	0	0	0	0	2	1	1	0	0	0	1	1			0.67				0.6495	0.2254	0.1835
1177	Regulation of nuclear pre-mRNA doma	Rprd2	RPRD2 MOUSE	157 kDa	0	2	1	0	1	1	2	0	3	2	3	3	1	1	2	3		1.00	1.60	1.67	2.67	1.0000	0.3785	0.5666	0.0377
1178	Multifunctional protein ADE2	Paics	PUR6 MOUSE	47 kDa	11	10	14	13	9	10	9	9	11	12	13	6	12	11	10	10		0.91	1.07	0.83	0.97	0.5879	0.7941	0.2381	0.9019
1179	Superoxide dismutase [Mn], mitochon	Sod2	SODM MOUSE	25 kDa	13	5	13	10	14	12	7	10	7	7	9	11	10	12	8	9		1.16	1.13	0.77	0.75	0.6102	0.5491	0.4821	0.1401
1180	Acid ceramidase	Asah1	ASAH1 MOUSE	45 kDa	3	2	3	6	4	4	18	12	12	37	26	23	3	5	14	29		1.75	2.05	5.25	6.14	0.0765	0.0564	0.0270	0.0278
1181	Cell cycle and apoptosis regulator pro	Ccar2	CCAR2 MOUSE	103 kDa	2	5	1	2	2	1	4	3	6	8	4	3	3	2	4	5		0.63	1.15	1.63	3.00	0.4970	0.7291	0.3314	0.1555
1182	Transmembrane and TPR repeat-cont	Tmtc3	TMTC3 MOUSE	104 kDa	3	3	2	1	4	1	4	4	5	3	2	1	3	2	4	2		0.75	0.46	1.63	1.00	0.5813	0.0357	0.0241	1.0000
1183	GTP-binding protein SAR1b	Sar1b	SAR1B MOUSE	22 kDa	17	10	15	14	16	12	7	5	7	10	5	3	14	14	6	6		1.00	0.95	0.45	0.43	1.0000	0.8907	0.0552	0.0411
1184	Papilin	Papln	PPN MOUSE	139 kDa	0	0	0	0	0	1	0	1	0	2	3	1	0	0	0	2			6.00		6.00	0.4226	0.0824	0.4226	0.0824
1185	Zinc finger CCCH domain-containing p	Zc3h4	ZC3H4 MOUSE	141 kDa	2	3	2	1	0	1	3	3	5	2	1	2	2	1	4	2		0.29	0.45	1.57	2.50	0.0241	0.0765	0.1734	0.1012
1186	Dehydrogenase/reductase SDR family	Dhrs1	DHRS1 MOUSE	34 kDa	23	11	15	17	13	10	9	9	11	12	10	7	4	16	13	7		0.82	1.00	0.43	0.53	0.5114	1.0000	0.1066	0.0780
1187	Nucleobindin-1	Nucb1	NUCB1 MOUSE	53 kDa	1	2	3	1	5	1	17	21	15	21	25	25	2	2	18	24		1.17	1.34	8.83	10.14	0.8347	0.0576	0.0075	0.0003
1188	Proteasome subunit alpha type-6	Psma6	PSA6 MOUSE	27 kDa	9	14	16	10	13	10	17	20	10	14	13	14	13	11	16	14		0.85	0.87	1.21	1.24	0.4527	0.5699	0.5067	0.1047
1189	GDP-L-fucose synthase	Tsta3	FCL MOUSE	36 kDa	13	11	10	15	10	12	6	5	5	8	8	6	11	12	5	7		1.09	1.38	0.47	0.59	0.5942	0.0765	0.0124	0.0571
1190	Alcohol dehydrogenase class-3	Adh5	ADHX MOUSE	40 kDa	11	6	10	11	8	7	10	6	11	17	18	15	9	9	9	17		0.96	1.85	1.00	1.92	0.8726	0.0197	1.0000	0.0074
1191	Programmed cell death protein 6	Pdcd6	PDCD6 MOUSE	22 kDa	11	9	9	11	11	8	13	7	9	10	12	11	10	10	10	13		1.03	1.14	1.00	1.10	0.7972	0.5355	1.0000	0.4465
1192	Serine/arginine-rich splicing factor 10	Srsf10	SRS10 MOUSE	31 kDa	6	8	11	5	4	7	13	14	15	9	12	9	8	5	14	10		0.64	0.71	1.68	1.88	0.1674	0.0366	0.0451	0.0255
1193	Protein PRRC2B	Prrc2b	PRC2B MOUSE	161 kDa	1	3	1	0	2	1	1	1	3	2	1	1	2	1	2	1		0.60	0.80	1.00	1.33	0.4926	0.6856	1.0000	0.6495
1194	26S proteasome non-ATPase regulatc	Psmd11	PSD11 MOUSE	47 kDa	12	13	14	6	12	11	10	9	10	6	10	9	13	10	10	8		0.74	0.86	0.74	0.86	0.2079	0.3841	0.0132	0.5841
1195	Protein ABHD14B	Abhd14b	ABHEB MOUSE	22 kDa	11	7	10	13	11	14	6	8	10	11	12	17	9	13	8	13		1.36	1.67	0.86	1.05	0.0951	0.0837	0.4686	0.7679
1196	GDP-mannose 4,6 dehydratase	Gmds	GMDS MOUSE	42 kDa	2	13	11	10	11	9	4	5	7	12	21	22	9	10	5	18		1.15	3.44	0.62	1.83	0.7333	0.0464	0.4305	0.1156
1197	Transmembrane protease serine 13	Tmprss13	TMPSD MOUSE	60 kDa	1	0	1	1	2	2	2	2	3	2	3	2	1	2	2	2		2.50	1.00	3.50	1.40	0.1012	1.0000	0.0241	0.2302
1198	Cell division cycle and apoptosis requ	Ccar1	CCAR1 MOUSE	132 kDa	7	5	8	4	1	0	10	0	8	6	5	3	7	2	6	5		0.25	0.78	0.90	2.80	0.0324	0.7105	0.8509	0.1208
1199	Thrombospondin-1	Thbs1	TSP1 MOUSE	130 kDa	0	0	0	0	0	0	18	18	28	10	8	7	0	0	21	8			0.39				0.0518	0.0236	0.0110
1200	Tumor protein D52	Tpd52	TPD52 MOUSE	24 kDa	13	19	12	14	15	17	10	9	14	13	9	15	15	15	11	12		1.05	1.12	0.75	0.80	0.7980	0.5989	0.2489	0.2273
1201	ADP-ribosylation factor GTPase-activi	Arfgap2	ARFG2 MOUSE	57 kDa	14	15	16	15	8	10	4	5	9	8	10	5	4	3	15	11		0.73	0.40	0.67	0.36	0.2496	0.0196	0.0318	0.1019
1202	5'-3' exoribonuclease 2	Xrn2	XRN2 MOUSE	109 kDa	1	4	3	4	3	0	9	4	9	2	5	1	3	2	7	3		0.88	0.36	2.75	1.14	0.8350	0.0923	0.0886	0.8541
1203	Mitochondrial carrier homolog 2	Mtch2	MTCH2 MOUSE	33 kDa	9	4	7	12	11	5	8	11	9	9	8	7	7	9	9	8		1.40	0.86	1.40	0.86	0.3750	0.2846	0.2065	0.6086
1204	Nuclear pore complex protein Nup133	Nup133	NU133 MOUSE	129 kDa	3	1	6	2	1	0	3	1	6	4	2	1	3	1	3	2		0.30	0.70	1.00	2.33	0.2451	0.5942	1.0000	0.2846
1205	Isoleucine--tRNA ligase, mitochondria	Iars2	SYIM MOUSE	113 kDa	4	3	2	6	7	3	4	5	3	5	9	6	3	5	4	7		1.78	1.67	1.33	1.25	0.1823	0.1432	0.2879	0.4766
1206	Nicotinate phosphoribosyltransferase	Naprt	PNCB MOUSE	58 kDa	8	12	7	9	8	5	12	7	8	12	7	6	7	4	6	6		0.81	0.94	0.67	0.77	0.4420	0.8748	0.2648	0.3314
1207	Histidine triad nucleotide-binding prote	Hint1	HINT1 MOUSE	14 kDa	6	9	12	11	10	14	11	6	9	8	9	14	9	12	9	10		1.30	1.19	0.96	0.89	0.2823	0.5206	0.8901	0.5841
1208	Actin-related protein 2/3 complex subu	Arpc4	ARPC4 MOUSE	20 kDa	7	8	3	8	9	7	11	9	14	19	12	18	6	8	11	16		1.33	1.44	1.89	2.04	0.3213	0.1401	0.0648	0.0543
1209	Ferritin light chain 1	Ftl1	FRIL1 MOUSE	21 kDa	5	6	4	13	3	8	19	14	14	18	18	21	5	8	16	19		1.60	1.21	3.13	2.38	0.4085	0.1771	0.0154	0.0501
1210	Phosphoinositide 3-kinase adapter pro	Pik3ap1	BCAP MOUSE	91 kDa	7	8	6	5	12	9	3	2	3	2	1	0	7	9	3	1		1.24	0.38	0.38	0.12	0.5019	0.0824	0.0061	0.0541
1211	Protein phosphatase 1 regulatory subu	Ppp1r12c	PP12C MOUSE	85 kDa	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1							0.4226		0.4226
1212	Cystatin-B	Cstb	CYTB MOUSE	11 kDa	6	11	12	7	8	9	9	6	11	14	10	9	10	8	9	11		0.83	1.27	0.90	1.38	0.4687	0.3306	0.6944	0.1791
1213	Glycerol-3-phosphate dehydrogenase	Gpd1	GPDA MOUSE	38 kDa	4	6	4	8	10	6	3	14	4	23	15	28	5	8	7	22		1.71	3.14	1.50	2.75	0.0824	0.0442	0.5770	0.0556
1214	AP-2 complex subunit alpha-1	Ap2a1	AP2A1 MOUSE	108 kDa	3	1	3	1	2	2	9	4	5	8	5	7	2	2	6	7		0.71	1.11	2.57	4.00	0.4382	0.7291	0.1238	0.0193
1215	Neurofilament light polypeptide	Nefl	NFL MOUSE	61 kDa	0	1	0	3	0	1	20	38	4	0	7	6	0	1	21	4		4.00	0.21	62.00	3.25	0.3785	0.2348	0.1741	0.3038
1216	Lamin-B receptor	Lbr	LBR MOUSE	71 kDa	2	7	4	3	2	4	11	6	8	5	4	5	4	3	8	5		0.69	0.56	1.92	1.56	0.4647	0.1212	0.1234	0.0824
1217	Interleukin enhancer-binding factor 3	Ilf3	ILF3 MOUSE	96 kDa	3	6	2	1	6	1	10	5	6	8	4	4	4	3	7	5		0.73	0.76	1.91	2.00	0.6543	0.4580	0.1654	0.2827
1218	Ectonucleoside triphosphate diphosph	Entpd2	ENTP2 MOUSE	54 kDa	0	2	2	3	2	2	11	16	11	17	31	35	1	2	13	28		1.75	2.18	9.50	11.86	0.2739	0.1002	0.0118	0.0429
1219	Myeloperoxidase	Mpo	PERM MOUSE	81 kDa	0	0	0	0	0	0	0	0	1	2	16	0	0	0	0	6			18.00				0.3771	0.4226	0.3555
1220	Keratin, type II cuticular 87	Krt87	KRT87 MOUSE	55 kDa	1	10	0	0	0	0	0	48	0	0	0	0	4	0	16	0		0.00	0.00	4.36		0.3681	0.4226	0.5235	
1221	Carbonyl reductase [NADPH] 3	Cbr3	CBR3 MOUSE	31 kDa	0	0	0	0	0	0	8	12	8	31	39	25	0	0	9	32			3.39				0.0225	0.0198	0.0160
1222	ER membrane protein complex subuni	Emc1	EMC1 MOUSE	112 kDa	6	5	10	6	4	5	2	4	4	3	1	3	7	5	3	2		0.71	0.70	0.48	0.47	0.3213	0.3486	0.1238	0.0401
1223	Arf-GAP with Rho-GAP domain, ANK	Arap1	ARAP1 MOUSE	162 kDa	0	0	0	0	0	0	7	2	4	8	4	8	0	0	4	7			1.54				0.3027	0.0964	0.0377
1224	Breast carcinoma-amplified sequence	Bcas1	BCAS1 MOUSE	67 kDa	0	0	0	0	0	0	0	2	1	4	14	18	0	0	1	12			12.00				0.1157	0.2254	0.1022
1225	Drebrin-like protein	Dbnl	DBNL MOUSE	49 kDa	2	3	0	1	0	3	13

1288	Filamin A-interacting protein 1-like	Filip1l	FIL1L MOUSE	130 kDa	0	0	0	0	0	6	10	3	4	5	4	0	0	6	4			0.68					0.4285	0.0890	0.0059
1289	Poly [ADP-ribose] polymerase 1	Parp1	PARP1 MOUSE	113 kDa	3	6	6	0	3	0	7	4	4	2	4	2	5	1	5	3		0.20	0.53	1.00	2.67	0.0474	0.1346	1.0000	0.2476
1290	Trans-2-enoyl-CoA reductase, mitoch	Mecr	MECR MOUSE	40 kDa	18	11	17	11	11	10	2	2	7	2	1	3	15	11	4	2		0.70	0.55	0.24	0.19	0.1636	0.4276	0.0153	0.0007
1291	Alpha-soluble NSF attachment protein	Napa	SNAA MOUSE	33 kDa	13	18	11	14	12	13	7	10	10	6	8	9	14	13	9	8		0.93	0.85	0.64	0.59	0.6835	0.3747	0.1229	0.0106
1292	Prothrombin	F2	THRB MOUSE	70 kDa	1	0	1	0	1	1	21	22	18	7	7	12	1	1	20	9		1.00	0.43	30.50	13.00	1.0000	0.0063	0.0021	0.0364
1293	Fatty acid-binding protein, epidermal	Fabp5	FABP5 MOUSE	15 kDa	13	16	22	12	10	13	15	13	12	6	8	12	17	12	13	9		0.69	0.65	0.78	0.74	0.1725	0.1006	0.2986	0.2273
1294	BTB/POZ domain-containing protein K	Kctd12	KCD12 MOUSE	36 kDa	0	5	0	0	1	1	10	14	7	9	11	14	2	1	10	11		0.40	1.10	6.20	17.00	0.6120	0.7110	0.0316	0.0144
1295	Alpha-1,3/1,6-mannosyltransferase AL	Alg2	ALG2 MOUSE	47 kDa	8	11	8	18	10	8	6	2	4	4	2	2	9	12	4	3		1.33	0.67	0.44	0.22	0.4340	0.3868	0.0316	0.0863
1296	Epidermal growth factor receptor kina	Eps8l2	ESL8L2 MOUSE	82 kDa	4	3	3	7	3	2	1	0	3	10	4	7	3	4	1	7		1.20	5.25	0.40	1.75	0.7081	0.0624	0.1394	0.2648
1297	Tubulin--tyrosine ligase-like protein 12	Ttll12	TTL12 MOUSE	74 kDa	2	5	5	3	2	2	5	5	5	9	9	8	4	2	5	9		0.58	1.73	1.25	3.71	0.2322	0.0082	0.4226	0.0002
1298	Cyclophilin	Cypb	CYPB MOUSE	21 kDa	0	0	0	0	0	0	9	10	15	16	13	22	0	0	11	17			1.50				0.1626	0.0258	0.0234
1299	Dolichol-phosphate mannosyltransfera	Dpm1	DPM1 MOUSE	29 kDa	8	12	10	9	15	12	4	3	3	2	3	3	10	12	3	3		1.20	0.80	0.33	0.22	0.3985	0.2302	0.0218	0.0290
1300	ATP-binding cassette sub-family D me	Abcd3	ABCD3 MOUSE	75 kDa	1	1	1	0	0	0	2	2	4	6	6	6	1	0	3	6		0.00	2.25	2.67			0.0377	0.1296	
1301	ATP-dependent RNA helicase DDX54	Ddx54	DDX54 MOUSE	98 kDa	1	0	3	1	1	0	0	0	0	0	0	0	1	1	0	0		0.50		0.00	0.00	0.5384		0.2697	0.1835
1302	Gephyrin	Gphn	GEPH MOUSE	83 kDa	3	6	4	1	2	3	2	0	1	0	0	0	4	2	1	0		0.46	0.00	0.23	0.00	0.1021	0.2254	0.0418	0.0742
1303	RNA-binding protein 10	Rbm10	RBM10 MOUSE	103 kDa	6	7	7	6	3	6	3	5	3	3	3	7	3	5	3	1		0.45	0.64	0.70	1.00	0.1643	0.1994	0.1394	1.0000
1304	Nuclear migration protein nudC	Nudc	NUDC MOUSE	38 kDa	5	4	6	3	6	6	8	9	6	4	1	6	5	5	8	4		1.00	0.48	1.53	0.73	1.0000	0.0921	0.0746	0.4968
1305	Phosphomannomutase 2	Pmm2	PMM2 MOUSE	28 kDa	3	6	5	8	7	3	4	6	5	4	13	16	5	6	5	11		1.29	2.20	1.07	1.83	0.5015	0.2360	0.7700	0.3005
1306	Ig gamma-1 chain C region, membran	Ighg1	IGH1M MOUSE	43 kDa	0	2	0	3	3	7	13	11	5	32	33	11	1	4	10	25		6.50	2.62	14.50	5.85	0.0926	0.1505	0.0556	0.0949
1307	Centromere protein V	Cenpv	CENPV MOUSE	28 kDa	10	10	12	16	18	20	6	6	9	11	12	8	11	18	7	10		1.69	1.48	0.66	0.57	0.0100	0.1023	0.0455	0.0101
1308	Translocation protein SEC62	Sec62	SEC62 MOUSE	46 kDa	11	21	14	19	20	19	4	1	1	0	1	0	15	19	2	0		1.26	0.17	0.13	0.02	0.3090	0.2222	0.0351	0.0000
1309	Tensin-2	Tns2	TNS2 MOUSE	152 kDa	0	0	0	1	0	0	0	1	1	0	4	3	2	0	0	1			4.50		9.00	0.4226	0.0357	0.1835	0.0248
1310	Translation initiation factor eIF-2B sub	Eif2b4	EI2BD MOUSE	58 kDa	5	7	6	8	12	4	0	1	1	1	0	0	6	8	1	0		1.33	0.50	0.11	0.04	0.4807	0.5185	0.0032	0.0771
1311	Aldo-keto reductase family 1 member	Akr1c13	AK1CD MOUSE	37 kDa	1	6	3	3	4	5	5	5	4	9	15	17	3	4	5	14		1.20	2.93	1.40	3.42	0.7024	0.0619	0.4577	0.0498
1312	Exportin-2	Cse1l	XPO2 MOUSE	110 kDa	6	4	8	3	5	1	13	10	12	8	9	8	6	3	12	8		0.50	0.71	1.94	2.78	0.1401	0.0494	0.0199	0.0354
1313	Prostaglandin reductase 1	Ptgr1	PTGR1 MOUSE	36 kDa	1	1	0	0	0	0	13	14	14	33	31	28	1	0	14	31		0.00	2.24	20.50		0.1835	0.0553	0.0000	0.0002
1314	Nuclear pore complex protein Nup93	Nup93	NUP93 MOUSE	93 kDa	1	6	3	6	3	1	4	3	3	3	2	1	3	3	3	2		1.00	0.60	1.00	0.60	1.0000	0.1336	1.0000	0.4647
1315	SUN domain-containing protein 1	Sun1	SUN1 MOUSE	102 kDa	2	3	3	4	5	2	2	2	3	4	1	1	3	4	2	2		1.38	0.86	0.88	0.55	0.3785	0.7769	0.5185	0.2804
1316	Reticulon-4	Rtn4	RTN4 MOUSE	127 kDa	3	3	0	0	1	0	5	8	7	11	8	10	2	0	7	10		0.17	1.45	3.33	29.00	0.2322	0.0739	0.0255	0.0042
1317	Focadhesin	Focad	FOCAD MOUSE	199 kDa	2	3	3	2	2	2	0	0	0	0	0	0	3	2	0	0		0.75		0.00	0.00	0.1835		0.0153	
1318	Elongator complex protein 1	Ikbkap	ELP1 MOUSE	150 kDa	2	3	1	0	3	3	1	1	1	0	2	2	2	1	1	1		1.00	1.00	0.50	0.50	1.0000	1.0000	0.2254	0.4465
1319	V-type proton ATPase subunit E 1	Atp6v1e1	VATE1 MOUSE	26 kDa	11	11	9	14	11	12	10	10	11	11	14	9	10	12	10	11		1.19	1.10	1.00	0.92	0.1500	0.5656	1.0000	0.5942
1320	Trifunctional purine biosynthetic protei	Gart	PUR2 MOUSE	107 kDa	7	12	13	9	7	14	8	7	4	5	6	4	11	10	6	5		0.94	0.79	0.59	0.50	0.8230	0.3939	0.1334	0.1298
1321	2,4-dienoyl-CoA reductase, mitochonc	Decr1	DECR MOUSE	36 kDa	7	6	10	9	5	5	8	9	3	13	15	14	8	6	7	14		0.83	2.10	0.87	2.21	0.4993	0.0481	0.6782	0.0168
1322	H-2 class II histocompatibility antigen,	H2-Ab1	HB2D MOUSE	30 kDa	0	0	0	0	0	0	17	12	12	3	1	3	0	0	14	2			0.17				0.0118	0.0145	0.0728
1323	Ubiquitin-like modifier-activating enzyn	Uba5	UBA5 MOUSE	45 kDa	23	19	23	14	17	19	4	4	6	3	2	0	22	17	5	2		0.77	0.36	0.22	0.10	0.0647	0.0576	0.0016	0.0021
1324	Beta-2-syntrophin	Sntb2	SNTB2 MOUSE	56 kDa	2	2	2	1	2	2	4	4	3	4	5	3	2	2	4	4		0.83	1.09	1.83	2.40	0.4226	0.6495	0.0377	0.0357
1325	Niban-like protein 1	Fam129b	NIBL1 MOUSE	85 kDa	4	8	1	3	3	1	8	14	11	15	11	11	4	2	11	12		0.54	1.12	2.54	5.29	0.4323	0.5768	0.0683	0.0072
1326	Retinol-binding protein 1	Rbp1	RET1 MOUSE	16 kDa	0	0	0	0	0	0	23	23	20	30	26	21	0	0	22	26			1.17				0.2933	0.0021	0.0101
1327	Transmembrane emp24 domain-conta	Tmed9	TMED9 MOUSE	27 kDa	5	7	5	4	10	4	8	5	5	4	3	1	6	6	6	3		1.06	0.44	1.06	0.44	0.8865	0.0677	0.7972	0.2327
1328	Transmembrane 9 superfamily membe	Tm9sf4	TM9S4 MOUSE	75 kDa	11	5	4	5	11	6	4	5	6	5	3	1	7	7	5	3		1.10	0.60	0.75	0.41	0.8278	0.2209	0.5295	0.1322
1329	Caveolin-1	Cav1	CAV1 MOUSE	21 kDa	10	8	4	4	3	3	3	12	3	4	2	10	7	3	6	5		0.45	0.89	0.82	1.60	0.1472	0.8711	0.7254	0.4937
1330	Golgin subfamily A member 5	Golga5	GOGA5 MOUSE	82 kDa	5	15	6	6	8	6	0	1	0	0	1	0	9	7	0	0		0.77	1.00	0.04	0.05	0.5964	1.0000	0.1184	0.0037
1331	Thy-1 membrane glycoprotein	Thy1	THY1 MOUSE	18 kDa	0	1	1	1	1	0	9	17	14	24	16	19	1	1	13	20		1.00	1.48	20.00	29.50	1.0000	0.1274	0.0302	0.0134
1332	N-acetylgalactosaminyltransferase 7	Galnt7	GALT7 MOUSE	75 kDa	0	1	0	0	1	0	0	0	2	10	10	16	0	0	1	12		1.00	18.00	2.00	36.00	1.0000	0.0210	0.6856	0.0255
1333	Leucine-rich repeat-containing protein	Lrrc47	LRC47 MOUSE	64 kDa	13	7	13	5	7	7	5	5	5	5	3	3	11	6	5	4		0.58	0.73	0.45	0.58	0.1341	0.1835	0.0955	0.0474
1334	Macrophage migration inhibitory facto	Mif	MIF MOUSE	12 kDa	10	13	12	11	14	6	9	8	8	10	9	7	12	10	8	9		0.89	1.04	0.71	0.84	0.6359	0.7507	0.0494	0.5593
1335	Actin-related protein 2/3 complex subu	Arpc3	ARPC3 MOUSE	21 kDa	2	3	2	4	3	2	6	9	6	9	9	10	2	3	7	9		1.29	1.33	3.00	3.11	0.3868	0.1341	0.0326	0.0019
1336	Fumarylacetoacetase	Fah	FAAA MOUSE	46 kDa	8	15	9	10	11	7	15	11	12	5	5	6	11	9	13	5		0.88	0.42	1.19	0.57	0.6289	0.0197	0.4794	0.0704
1337	Serine/threonine-protein phosphatase	Ppp2ca	PP2AA MOUSE	36 kDa	7	8	12	5	5	5	10	9	13	11	19	16	9	5	11	15		0.56	1.44	1.19	3.07	0.1201	0.1737	0.4420	0.0474
1338	Nuclear factor NF-kappa-B p100 subu	Nfkb2	NFKB2 MOUSE	97 kDa	0	0	0	0	0	0	6	2	3	0	2	0	0	0	4	1			0.18				0.1135	0.0927	0.4226
1339	Pulmonary surfactant-associated prote	Sftpd	SFTPD MOUSE	38 kDa	0	0	0	2	1	1	0	1	1	7	11	2	0	1	1	7			10.00		5.00	0.0572	0.1456	0.1835	0.1752
1340	3-hydroxyisobutyrate dehydrogenase,	Hibadh	3HIDH MOUSE	35 kDa	6	15	7	13	16	13	3	2	1	5	4	2	9	14	2	4		1.50	1.83	0.21	0.26	0.2379	0.2002	0.1182	0.0016
1341	Nuclear pore complex protein Nup54	Nup54	NUP54 MOUSE	56 kDa	8	9	7	9	5	4	14	6	14	10	12	6	8	6	11	9		0.75	0.82	1.42	1.56	0.3213	0.5704	0.3371	0.2277
1342	OCIA domain-containing protein 2	Ociad2	OCAD2 MOUSE	17 kDa	6	4	5	4	3	2	9	7	11	13	23	21	5	3	9	19		0.60	2.11	1.80	6.33	0.0705	0.0675	0.0548	0.0308
1343	CDGSH iron-sulfur domain-containing	Cisd1	CISD1 MOUSE	12 kDa	16	14	14	12	11	13	6	5	8	10	10	12	15	12	6	11		0.82	1.88	0.39	0.89	0.0401	0.0727	0.0013	0.2065
1344	ATP-dependent RNA helicase DDX42	Ddx42	DDX42 MOUSE	102 kDa	5	5	6	1	2	1	15	11	9	7	6	3	5	1	12	5		0.25	0.46	2.19	4.00	0.0011	0.0483	0.0649	0.0704
1345	S-methyl-5'-thioadenosine phosphoryl	Mtap	MTAP MOUSE	31 kDa	9	7	8	6	8	4	12	11	9	21	16	12	8	6	11	16		0.75	1.53	1.33	2.72	0.2209	0.1513	0.0746	0.0414
1346	Mitochondrial fission 1 protein	Fis1	FIS1 MOUSE	17 kDa	5	7	7	3	6	3	15	14	13	10	16	12	6	4	14	13		0.63	0.90	2.21	3.17	0.1346	0.5355	0.0011	0.0211
1347	MICOS complex subunit Mic26	Apoo	MIC26 MOUSE	23 kDa	8	7	7	7	9	6	2	1	2	2	5	3	7	7	2	3		1.00	2.00	0.23	0.45	1.0000	0.1908	0.0003	0.0327
1348	Calcium/calmodulin-dependent protein	Camk2d	KCC2D MOUSE	56 kDa	4	4	3	4	1	1	12	12	9	10	11	12	4	2	11	1		0.55	1.03	2.91	5.50	0.2322	0.7700	0.0085	0.0038
1349	TBC1 domain family member 4	Tbc1d4	TBCD4 MOUSE	147 kDa	0	1	1	1	2	0	0	0	1	0	0	0	1	1	0	0		1.50	0.00	0.50	0.00	0.6495	0.4226	0.5185	0.2254
1350	DnaJ homolog subfamily A member 3,	Dnaja3	DNJA3 MOUSE	52 kDa	6	7	7	8	5	5	5	4	6	6	8	5	7	6	5	6		0.90	1.27	0.75	1.06	0.5813	0.2846	0.0824	0.8151
1351	Alpha-N-acetylgalactosaminidase	Naga	NAGAB MOUSE	47 kDa	4	3	5	8	14	10	14	9	11	9	13	9	4	11	11	10		2.67	0.91	2.83	0.97	0.0519	0.6390	0.0247	0.8880
1352	Elongation factor-like GTPase 1	Efl1	EFL1 MOUSE	126 kDa	3	4	3	2	4	3	1	0	1	1	3	0	3	3	1	1		0.90	2.00	0.20	0.44	0.6495	0.5384	0.0048	0.2002
1353	Thyroid receptor-interacting protein 6	Trip6	TRIP6 MOUSE	51 kDa	0	0	0	0	0	0	5	4	4	9	3	1	0	0	5	4			0.81				0.7266	0.0263	0.2132
1354	Prostacyclin synthase	Ptgis	PTGIS MOUSE	57 kDa	1	1	1	0	0	1	9	12	10	19	16	13	1	0	10	16		0.33	1.55	10.33	48.00	0.1835	0.0624	0.0088	0.0099
1355	Adipocyte plasma membrane-associat	Apmap	APMAP MOUSE	46 kDa	7	6	7	4	7	7	3	3	3	3	6	7	6	3	4			0.90	1.33	0.45	0.67	0.5813	0.4226	0.0082	0.2302
1356	Vinexin	Sorbs3	VINEX MOUSE	82 kDa	2	2	3	3	3	3	7	7	8	12	11	4	2	3	7	9		1.29	1.23	3.14	3.00	0.1835	0.5769	0.0004	0.1399
1357	PDZ and LIM domain protein 3	Pdlim3	PDLI3 MOUSE	34 kDa	3	0	0	1	0	0	2	23	1	2	24	6	1	0	9	11		0.33	1.23	8.67	32.00	0.5813	0.8492	0.3972	0.2661
1358	60S ribosomal protein L22-like 1	Rpl22l1	RL22L MOUSE	14 kDa	13	19	22	22	11	17	6	4	5	2	2	1	18	17	5	2		0.93	0.33	0.28	0.10	0.7639	0.0132	0.0340	0.0408
1359	Choline dehydrogenase, mitochondria	Chdh	CHDH MOUSE	66 kDa	3	7	2	10	12	12	5	5	7	9	7	8	4	11	6	8		2.83	1.41	1.42	0.71	0.0263	0.0584	0.3974	0.0202
1360	Gastrokine-3	Gkn3	GKN3 MOUSE	21 kDa	0	0	0	0	0	0	16	11	11	14	24	25	0	0	13	21			1.66				0.1259	0.0169	0.0268
1361	Fibromodulin	Fmod	FMOD MOUSE	43 kDa	0	0	0	0	0	0	6	8	9	21	24	16	0	0	8	20			2.65				0.0214	0.0130	0.0129
1362	Carbohydrate sulfotransferase 1	Chst1	CHST1 MOUSE	47 kDa	5	5	4	7	7	5	6	5	5	5	5	7	5	6	5	6		1.36	1.06	1.14	0.89	0.1131	0.6856	0.2302	0.5185
1363	Uveal autoantigen with coiled-coil dom	Uaca	UACA MOUSE	161 kDa	2	1	2	1	1	1	1	1	1	0	1	3	1	2	1	2		0.60	1.67	0.60	1.67	0.1835	0.4926	0.3868	0.4226
1364	Transportin-1	Tnpo1	TNPO1 MOUSE	102 kDa	2	8	3	2	4	2	7	5	5	2	5	6	4	3	6	4		0.62	0.76	1.31	1.63	0.4710	0.4009	0.5560	0.3089
1365	LETM1 and EF-hand domain-containir	Letm1	LETM1 MOUSE	83 kDa	7	7	6	8	6	6	4	5	2	6	10	9	7	7	4	8		1.00	2.27	0.55	1.25	1.0000	0.0396	0.0621	0.3089
1366	Tyrosine-protein kinase JAK1	Jak1	JAK1 MOUSE	133 kDa	0	0	0	0	0	0	2	1	1	1	2	1	0	0	1	1			1.00				1.0000	0.0572	0.0572
1367	Cytochrome b-c1 complex subunit 6,	Uqcrh	QCR6 MOUSE	10 kDa	7	8	9	9	10	8	10	10	10	13	10	9	8	9	10	11		1.13	1.07	1.25	1.19	0.2879	0.6349	0.0742	0.3033
1368	Adenylosuccinate lyase	Adsl	PUR8 MOUSE	55 kDa	8	13	7	6	9	6	8	8	5	9	8	7	9	5	8	7		0.54	0.84	0.87	1.40	0.1300	0.3747	0.6613	0.2302
1369	Unconventional myosin-Ie	Myo1e	MYO1E MOUSE	127 kDa	0	1	1	0	1	0	4	2	4	2	3	2	1	0	3	2		0.50	0.70	5.00	7.00	0.5185	0.2739	0.0386	0.0132
1370	SWI/SNF-related matrix-associated ac	Smarca5	SMCA5 MOUSE	122 kDa	0	0	0	0	0	0	6	4	4	3	1	1	0	0	5	2			0.36				0.0335	0.0198	0.1296
1371	RNA-binding protein 42	Rbm42	RBM42 MOUSE	50 kDa	2	4	5	3	2	3	9	6	4	5	7	4	4	3	6	5		0.73	0.84	1.73	2.00	0.3785	0.5942	0.2065	0.0797
1372	Sorting nexin-5	Snx5	SNX5 MOUSE	47 kDa	6	9	3	5	4	4	12	8	15	12	13	8	6	4	12	11		0.72	0.94	1.94	2.54	0.4385	0.8068	0.1025	0.0432
1373	Peptidyl-tRNA hydrolase 2, mitochond	Pth2	PTH2 MOUSE	20 kDa	11	10	12	9	8	8	5	8	8	9	6	11	8	5	8	7		0.76	1.53	0.45	0.92	0.0248	0.0942	0.0019	0.5384
1374	Syntaxin-5	Stx5	STX5 MOUSE	40 kDa	4	5	5	5	6	5	3	2	4	3	3	3	5	5	3	3		1.14	1.00	0.64	0.56	0.2302	1.0000	0.0824	0.0198
1375	40S ribosomal protein S27-like	Rps27l	RS27L MOUSE	9 kDa	9	12	11	8	8	13	1	4	4	1	1	1	11	10	3	1		0.91	0.33	0.28	0.10	0.6322	0.1835	0.0048	0.0350
1376	Splicing factor 3A subunit 2	Sf3a2	SF3A2 MOUSE	50 kDa	6	5	5	3	3	3	7	6	11	8	12	3	5	3	8	8		0.56	0.96	1.50	2.56	0.0198	0.9186	0.2193	0.2149
1377	Rho guanine nucleotide exchange fact	Arhgef7	ARHG7 MOUSE	97 kDa	4	3	5	3	3	3	12	8	14	6	8	4	4	3	11	6		0.75	0.53	2.83	2.00	0.2254	0.0746	0.0423	0.1217
1378	Early endosome antigen 1	Eea1	EEA1 MOUSE	161 kDa	0	0	0	1	0	1	5	4	4	4	9	5	0	1	4	6			1.38		9.00	0.1835	0.3897	0.0059	0.0671
1379	EMILIN-2	Emilin2	EMIL2 MOUSE	117 kDa	0	0	0	0	0	0	4	4	10	1	1	0	0	0	6	1			0.11				0.1128	0.0955	0.1835
1380	Double-stranded RNA-binding protein	Stau1	STAU1 MOUSE	54 kDa	3	3	3	2	2	1	4	3	5	1	3	2	3	2	4	2		0.56	0.50	1.33	1.20	0.0572	0.0705	0.2254	0.6495
1381	Mitogen-activated protein kinase 1	Mapk1	MK01 MOUSE	41 kDa	3	4	4	4	2	4	6	10	8	11	11	12	4	3	8	11		0.91	1.42	2.18	3.40	0.6856	0.0921	0.0547	0.0019
1382	14-3-3 protein beta/alpha	Ywhab	143JB MOUSE	28 kDa	4	8	10	10	8	6	15	19	15	15	15	21	7	8	16	17		1.09	1.04	2.23	2.13	0.7700	0.7972	0.1176	0.0267
1383	Proteasome subunit beta type-1	Psmb1	PSB1 MOUSE	26 kDa	12	9	11	8	4	7	15	13	11	8	14	12	11	6	13	11		0.58	0.87	1.22	1.79	0.0486	0.4800	0.1885	0.0879
1384	DDRGK domain-containing protein 1	Ddrgk1	DDRGK MOUSE	36 kDa	11	15	13	9	10	11	5	3	7	3	1	3	13	10	5	2		0.77	0.47	0.38	0.23	0.1045	0.1336	0.0080	0.0011
1385	Calponin-2	Cnn2	CNN2 MOUSE	33 kDa	1	1	1	1	0	0	26	20	16	20	15	9	1	0	21	15		0.33	0.71	20.67	44.00	0.1835	0.2366	0.0211	0.0445
1386	Minor histocompatibility antigen H13	Hm13	HM13 MOUSE	42 kDa	16	11	11	12	11	9	5	3	5	1	1	0	13	11	4	1		0.84	0.15	0.34	0.06	0.3658	0.0169	0.0252	0.0035
1387	Chromobox protein homolog

1450	Proteasome subunit alpha type-5	Psma5	PSA5 MOUSE	26 kDa	10	7	9	5	4	4	12	10	11	12	12	14	9	4	11	13	0.50	1.15	1.27	2.92	0.0271	0.1332	0.1021	0.0017
1451	Mitogen-activated protein kinase kinas	Map4k4	M4K4 MOUSE	141 kDa	0	0	0	0	0	0	2	0	1	0	0	0	0	0	1	0		0.00				0.2254	0.2254	
1452	Zinc finger RNA-binding protein	Zfr	ZFR MOUSE	117 kDa	0	0	0	0	0	0	2	0	3	0	0	0	0	0	2	0		0.00				0.1994	0.1994	
1453	UDP-glucose 4-epimerase	Gale	GALE MOUSE	38 kDa	19	15	14	7	6	4	5	4	7	8	15	9	16	6	5	11	0.35	2.00	0.33	1.88	0.0083	0.1209	0.0075	0.1365
1454	GTP-binding protein SAR1a	Sar1a	SAR1A MOUSE	22 kDa	9	11	15	12	9	13	5	3	8	4	6	3	12	11	5	4	0.97	0.81	0.46	0.38	0.8844	0.5942	0.0523	0.0115
1455	ADAMTS-like protein 1	Adamtsl1	ATL1 MOUSE	192 kDa	0	0	0	0	0	0	0	2	2	4	3	1	0	0	1	3		2.00				0.2988	0.1835	0.0942
1456	Dystroglycan	Dag1	DAG1 MOUSE	97 kDa	2	0	2	1	1	0	0	0	1	0	0	1	1	1	0	0	0.50	1.00	0.25	0.50	0.4382	1.0000	0.2739	0.5185
1457	Succinyl-CoA:3-ketoacid coenzyme A	Oxct1	SCOT1 MOUSE	56 kDa	3	5	2	6	4	6	7	9	7	11	16	11	3	5	8	13	1.60	1.65	2.30	2.38	0.1500	0.0800	0.0198	0.0341
1458	Eukaryotic translation initiation factor	Eif3q	EIF3G MOUSE	36 kDa	8	8	10	4	7	8	3	3	4	1	4	1	9	6	3	2	0.73	0.60	0.38	0.32	0.1845	0.3133	0.0060	0.0521
1459	Torsin-1A-interacting protein 1	Tor1aip1	TOIP1 MOUSE	67 kDa	0	5	1	0	4	0	6	4	3	4	3	2	2	1	4	3	0.67	0.69	2.17	2.25	0.7591	0.2846	0.2725	0.3420
1460	FACT complex subunit SSRP1	Ssrp1	SSRP1 MOUSE	81 kDa	7	8	8	4	2	2	10	8	13	7	7	2	8	3	10	5	0.35	0.52	1.35	2.00	0.0072	0.0876	0.2034	0.2465
1461	Clathrin light chain A	Clta	CLCA MOUSE	26 kDa	6	7	6	7	1	4	9	9	6	7	11	8	6	4	8	9	0.63	1.08	1.26	2.17	0.3091	0.6924	0.2322	0.0995
1462	MAP7 domain-containing protein 1	Map7d1	MA7D1 MOUSE	93 kDa	0	0	0	0	0	0	2	5	3	3	5	1	0	0	3	3		0.90				0.8305	0.0634	0.1217
1463	Coiled-coil and C2 domain-containing	Cc2d1a	C2D1A MOUSE	104 kDa	0	0	0	2	0	0	1	1	0	0	0	0	0	1	1	0		0.00		0.00	0.4226	0.1835	0.1835	0.4226
1464	Angiotensin-converting enzyme	Ace	ACE MOUSE	151 kDa	0	1	0	1	0	1	7	11	5	5	13	14	0	1	8	11	2.00	1.39	23.00	16.00	0.5185	0.4304	0.0489	0.0705
1465	Aflatoxin B1 aldehyde reductase mem	Akr7a2	AFKR2 MOUSE	34 kDa	7	7	8	13	9	9	7	8	6	5	7	6	7	10	7	6	1.41	0.86	0.95	0.58	0.1465	0.2879	0.6495	0.0660
1466	Protein kinase C and casein kinase su	Pacsin2	PACN2 MOUSE	56 kDa	7	7	11	9	12	12	7	7	7	7	7	9	8	11	7	8	1.32	1.10	0.84	0.70	0.1904	0.4226	0.4226	0.0586
1467	Probable D-lactate dehydrogenase, m	Ldhd	LDHD MOUSE	52 kDa	3	6	4	6	8	3	8	6	7	10	5	3	4	6	7	6	1.31	0.86	1.62	1.06	0.4852	0.6835	0.0746	0.9026
1468	Tropomyosin alpha-1 chain	Tpm1	TPM1 MOUSE	33 kDa	0	1	1	1	1	0	13	24	9	15	20	14	1	1	15	16	1.00	1.07	23.00	24.50	1.0000	0.8515	0.0813	0.0117
1469	UDP-N-acetylglucosamine--peptide N-	Ogt	OGT1 MOUSE	117 kDa	4	2	4	2	1	0	1	1	2	1	0	0	3	1	1	0	0.30	0.25	0.40	0.33	0.0584	0.1012	0.0765	0.3868
1470	Glutathione S-transferase kappa 1	Gstk1	GSTK1 MOUSE	26 kDa	4	5	4	6	8	5	2	2	6	15	4	4	6	2	8	5	1.46	4.17	0.46	1.32	0.1394	0.2021	0.0198	0.6189
1471	Eukaryotic initiation factor 4A-III	Eif4a3	IF4A3 MOUSE	47 kDa	3	2	7	3	3	1	11	10	14	12	6	5	4	2	12	8	0.58	0.66	2.92	3.29	0.3974	0.2040	0.0187	0.1249
1472	Cleavage stimulation factor subunit 3	Cstf3	CSTF3 MOUSE	83 kDa	1	1	4	0	0	0	4	1	2	0	0	0	2	0	2	0	0.00	0.00	1.17		0.1835	0.1181	0.8151	
1473	Serum amyloid P-component	Apcs	SAMP MOUSE	26 kDa	0	0	0	0	0	0	22	27	21	6	15	10	0	0	23	10		0.44				0.0187	0.0063	0.0580
1474	Heterogeneous nuclear ribonucleopro	Hnrnpa0	ROA0 MOUSE	31 kDa	4	7	2	1	3	2	16	10	10	18	9	11	4	2	12	13	0.46	1.06	2.77	6.33	0.2451	0.8542	0.0409	0.0541
1475	Unconventional myosin-Ib	Myo1b	MYO1B MOUSE	129 kDa	3	2	2	2	2	0	6	9	5	4	7	2	2	7	5	6	0.71	0.76	3.00	3.20	0.2302	0.2804	0.0326	0.0399
1476	Pleckstrin homology-like domain famil	Phldb2	PHLB2 MOUSE	141 kDa	0	0	0	0	0	0	4	2	3	0	0	0	0	0	3	0		0.00				0.0351	0.0351	
1477	Squamous cell carcinoma antigen rec	Sart3	SART3 MOUSE	110 kDa	2	3	1	1	1	0	2	0	2	3	3	1	2	1	1	2	0.33	1.75	0.67	3.50	0.1336	0.3486	0.4926	0.1131
1478	Synaptic functional regulator FMR1	Fmr1	FMR1 MOUSE	69 kDa	4	4	5	4	1	2	9	7	10	4	2	2	4	2	9	3	0.54	0.31	2.00	1.14	0.1394	0.0069	0.0271	0.7791
1479	Pyridoxal kinase	Pdxk	PDXK MOUSE	35 kDa	6	8	5	4	2	7	11	14	9	16	21	15	6	4	11	17	0.68	1.53	1.79	4.00	0.3172	0.0671	0.0538	0.0062
1480	Flotillin-1	Flot1	FLOT1 MOUSE	47 kDa	0	2	1	2	1	3	5	10	9	7	9	4	1	2	8	7	2.00	0.83	8.00	3.33	0.2879	0.5615	0.0319	0.0693
1481	Myosin regulatory light chain 12B	Myl12b	ML12B MOUSE	20 kDa	7	5	6	5	5	6	15	15	16	14	16	19	6	5	15	16	0.89	1.07	2.56	3.06	0.3868	0.5656	0.0006	0.0135
1482	cAMP-dependent protein kinase type	Prkar1a	KAP0 MOUSE	43 kDa	8	8	3	7	7	5	8	9	9	8	12	8	6	6	9	9	1.00	1.08	1.37	1.47	1.0000	0.6708	0.2950	0.1395
1483	Clathrin light chain B	Cltb	CLCB MOUSE	25 kDa	8	9	10	9	6	8	10	10	10	10	9	9	9	8	10	9	0.85	0.93	1.11	1.22	0.2846	0.1835	0.2254	0.1908
1484	Glutaredoxin-3	Glrx3	GLRX3 MOUSE	38 kDa	12	13	7	4	4	4	7	8	2	8	10	8	11	4	6	9	0.38	1.53	0.53	2.17	0.0695	0.2426	0.1295	0.0198
1485	Fragile X mental retardation syndrome	Fxr1	FXR1 MOUSE	76 kDa	4	4	5	1	2	4	5	5	7	2	3	2	4	2	6	2	0.54	0.41	1.31	1.00	0.1394	0.0217	0.1734	1.0000
1486	Inter-alpha-trypsin inhibitor heavy cha	Itih3	ITIH3 MOUSE	99 kDa	0	0	0	0	0	0	19	25	21	5	7	5	0	0	22	6		0.26				0.0061	0.0066	0.0136
1487	Kinesin-like protein KIF21A	Kif21a	KI21A MOUSE	187 kDa	4	3	1	4	3	5	0	0	0	0	0	0	3	4	0	0	1.50		0.00	0.00	0.2846		0.0942	0.0202
1488	Nucleosome assembly protein 1-like 1	Nap1l1	NP1L1 MOUSE	45 kDa	11	10	7	9	8	8	11	9	12	14	9	9	9	8	11	11	0.89	1.00	1.14	1.28	0.4970	1.0000	0.4259	0.2950
1489	D-beta-hydroxybutyrate dehydrogenas	Bdh1	BDH MOUSE	38 kDa	0	0	0	1	1	0	1	1	1	17	11	9	0	1	1	12		12.33		18.50	0.1835	0.0422		0.0377
1490	Tripeptidyl-peptidase 2	Tpp2	TPP2 MOUSE	140 kDa	3	4	3	3	2	1	3	5	3	4	7	2	3	2	4	4	0.60	1.18	1.10	2.17	0.1336	0.7065	0.6856	0.2451
1491	Acyl-CoA synthetase family member 2	Acsf2	ACSF2 MOUSE	68 kDa	3	9	4	0	1	0	10	10	10	14	12	10	5	0	10	12	0.06	1.20	1.88	36.00	0.1103	0.2254	0.1284	0.0062
1492	Acylcarnitine hydrolase	Ces2c	EST2C MOUSE	62 kDa	0	0	0	0	0	0	8	6	7	21	28	29	0	0	7	26		3.71				0.0136	0.0067	0.0092
1493	Disks large homolog 1	Dlg1	DLG1 MOUSE	100 kDa	8	8	8	8	7	6	2	3	5	3	2	4	8	7	3	3	0.88	0.90	0.42	0.43	0.2254	0.7700	0.0339	0.0080
1494	ELKS/Rab6-interacting/CAST family m	Erc1	ERB6I2 MOUSE	128 kDa	0	1	1	1	0	1	4	3	2	3	3	2	1	1	3	3	1.00	0.89	4.50	4.00	1.0000	0.6495	0.0357	0.0132
1495	COP9 signalosome complex subunit 4	Cops4	CSN4 MOUSE	46 kDa	10	8	10	5	5	8	8	10	5	10	10	8	9	6	8	9	0.64	1.22	0.82	1.56	0.0586	0.3785	0.3785	0.0586
1496	Pre-mRNA 3'-end-processing factor FI	Fip1l1	FIP1 MOUSE	65 kDa	5	6	7	5	2	5	14	9	12	11	14	8	6	4	12	11	0.67	0.94	1.94	2.75	0.1759	0.7832	0.0451	0.0357
1497	Thioredoxin-like protein 1	Txnl1	TXNL1 MOUSE	32 kDa	8	9	6	5	6	4	11	6	10	8	5	7	8	5	9	7	0.65	0.74	1.17	1.33	0.0746	0.2725	0.5015	0.2002
1498	Histone H1.1	Hist1h1a	H11 MOUSE	22 kDa	3	5	5	0	0	0	16	6	13	13	14	9	4	0	12	12	0.00	1.03	2.69		0.0229	0.9267	0.1255	0.0158
1499	Mannosyl-oligosaccharide 1,2-alpha-n	Man1a1	MA1A1 MOUSE	73 kDa	3	6	5	7	6	4	1	0	1	0	0	1	5	6	1	0	1.21	0.50	0.14	0.06	0.4676	0.5185	0.0327	0.0166
1500	Mucin-6	Muc6	MUC6 MOUSE	300 kDa	0	0	0	0	0	0	2	2	2	32	12	1	0	0	2	15		7.50				0.2883		0.2401
1501	Ankyrin-3	Ank3	ANK3 MOUSE	214 kDa	4	1	3	1	2	0	0	0	1	0	0	0	3	1	0	0	0.38	0.00	0.13	0.00	0.2002	0.4226	0.1042	0.2254
1502	Probable 28S rRNA (cytosine-C(5)-m	Nop2	NOP2 MOUSE	87 kDa	7	6	7	3	0	2	5	2	2	1	0	0	7	2	3	0	0.25	0.11	0.45	0.20	0.0193	0.1047	0.0551	0.2667
1503	Intersectin-2	Itsn2	ITSN2 MOUSE	189 kDa	0	1	1	0	0	0	5	2	5	2	1	1	1	0	4	1	0.00	0.33	6.00		0.1835	0.1047	0.0672	0.0572
1504	AMP deaminase 2	Ampd2	AMPD2 MOUSE	92 kDa	2	8	5	4	5	6	0	0	0	0	0	0	5	5	0	0	1.00		0.00	0.00	1.0000		0.1020	0.0131
1505	Protein NipSnap homolog 2	Gpaa1	NIPS2 MOUSE	33 kDa	2	7	7	14	15	13	3	6	0	4	4	1	3	5	14	2	2.63	1.14	0.44	0.19	0.0256	0.8350	0.2249	0.0009
1506	Proteasome subunit alpha type-3	Psma3	PSA3 MOUSE	28 kDa	7	7	9	2	6	3	14	13	16	11	11	9	8	4	14	10	0.48	0.72	1.87	2.82	0.0590	0.0253	0.0048	0.0152
1507	Aldose reductase-related protein 1	Akr1b7	ALD1 MOUSE	36 kDa	0	0	0	0	0	0	4	3	4	18	31	21	0	0	4	23		6.36				0.0369	0.0082	0.0272
1508	GDH/6PGL endoplasmic bifunctional p	H6pd	G6PE MOUSE	89 kDa	0	0	0	0	0	0	21	19	15	19	24	10	0	0	18	18		0.96				0.8916	0.0091	0.0498
1509	Small nuclear ribonucleoprotein E	Snrpe	RUXE MOUSE	11 kDa	3	3	4	4	3	5	8	6	6	6	7	5	3	4	7	6	1.20	0.90	2.00	1.50	0.3868	0.4926	0.0213	0.0705
1510	DnaJ homolog subfamily A member 1	Dnaja1	DNAJ1 MOUSE	45 kDa	5	8	11	8	3	4	7	4	3	6	8	8	5	5	6	5	1.63	1.21	0.58	1.13	0.2648	0.6249	0.1976	0.7677
1511	FACT complex subunit SPT16	Supt16h	SP16H MOUSE	120 kDa	3	2	3	1	1	0	4	1	1	3	2	2	3	1	2	2	0.25	1.17	0.75	3.50	0.0132	0.7769	0.5813	0.0241
1512	Nuclear valosin-containing protein-like	Nvl	NVL MOUSE	94 kDa	0	1	2	0	0	0	0	1	0	0	0	0	1	0	3	0	0.00	0.00	0.33		0.2254	0.4226	0.3868	
1513	SWI/SNF-related matrix-associated ac	Smarcd2	SMRD2 MOUSE	59 kDa	0	2	3	3	0	0	5	1	3	2	3	0	2	1	3	2	0.60	0.56	1.80	1.67	0.6437	0.4141	0.4141	0.6437
1514	Amyloid beta A4 precursor protein-bin	Apbb1p	AB1IP MOUSE	74 kDa	0	0	0	0	0	0	4	1	4	0	4	0	1	0	0	3		0.11				0.1047	0.0955	0.4226
1515	Ubiquitin-associated protein 2	Ubap2	UBAP2 MOUSE	118 kDa	6	6	10	6	5	5	7	5	13	4	4	3	7	5	8	4	0.73	0.44	1.14	0.69	0.2696	0.1897	0.7392	0.2241
1516	Villin-like protein	Vill	VILL MOUSE	96 kDa	0	0	0	0	0	0	2	2	6	16	13	15	0	0	3	15		4.40				0.0035	0.1296	0.0036
1517	Wiskott-Aldrich syndrome protein fami	Wasf2	WASF2 MOUSE	54 kDa	5	5	1	4	5	4	11	9	12	12	16	7	4	4	11	12	1.18	1.09	2.91	2.69	0.6708	0.7450	0.0162	0.1040
1518	Plakophilin-3	Pkp3	PKP3 MOUSE	87 kDa	6	6	5	2	3	1	2	1	3	4	0	0	6	2	2	1	0.35	0.67	0.35	0.67	0.0100	0.6805	0.0100	0.6805
1519	Cullin-1	Cul1	CUL1 MOUSE	90 kDa	2	2	4	1	3	1	3	3	3	2	2	1	3	2	3	2	0.63	0.56	1.13	1.00	0.3486	0.0572	0.6667	1.0000
1520	Testin	Tes	TES MOUSE	48 kDa	6	7	6	7	4	3	5	3	3	7	4	3	0	6	5	5	0.74	0.47	0.79	0.50	0.2980	0.1850	0.3685	0.2417
1521	ATP-dependent zinc metalloprotease	Yme1l1	YME1L1 MOUSE	80 kDa	0	1	0	0	0	0	3	0	1	1	2	0	0	0	1	1	0.00	0.75	4.00		0.4226	0.7700	0.3785	0.2254
1522	Protein LSM14 homolog A	Lsm14a	LS14A MOUSE	51 kDa	1	2	1	2	0	1	1	1	1	1	2	0	1	1	1	1	0.75	1.00	0.75	1.00	0.6495	1.0000	0.4226	1.0000
1523	Liprin-beta-1	Ppfibp1	LIPB1 MOUSE	109 kDa	0	0	0	0	0	0	8	5	5	5	4	1	0	0	6	3		0.56				0.1656	0.0267	0.1091
1524	Microtubule-associated protein RP/EB	Mapre1	MARE1 MOUSE	30 kDa	4	4	6	3	3	2	8	8	3	11	14	9	5	3	6	11	0.57	1.79	1.36	4.25	0.0765	0.0878	0.4304	0.0224
1525	C-type mannose receptor 2	Mrc2	MRC2 MOUSE	167 kDa	0	0	0	0	0	0	2	0	0	9	1	1	0	0	9	1		0.11				0.0016	0.0013	
1526	Rho GDP-dissociation inhibitor 2	Arhgdib	GDIR2 MOUSE	23 kDa	1	4	1	1	0	2	13	6	5	7	16	9	2	1	8	11	0.50	1.33	4.00	10.67	0.4465	0.5125	0.1265	0.0655
1527	Nuclear receptor coactivator 5	Ncoa5	NCOA5 MOUSE	65 kDa	3	4	2	4	0	2	8	7	6	4	11	3	3	2	7	6	0.67	0.86	2.33	3.00	0.4961	0.7327	0.0080	0.2502
1528	NAD-dependent malic enzyme, mitoch	Me2	MAOM MOUSE	66 kDa	3	3	6	4	5	2	5	2	4	7	17	25	4	4	4	16	0.92	4.45	0.92	4.45	0.8151	0.1318	0.8151	0.1318
1529	Ester hydrolase C11orf54 homolog	1 SV	CK054 MOUSE	35 kDa	0	7	4	7	7	9	7	7	5	16	12	11	4	8	6	13	2.09	2.05	1.73	1.70	0.1789	0.0332	0.3185	0.0561
1530	Phospholipid hydroperoxide glutathion	Gpx4	GPX4 MOUSE	22 kDa	6	6	6	10	6	11	5	2	6	9	4	6	9	4	5	6	1.50	1.27	0.83	0.70	0.1885	0.4647	0.2254	0.2747
1531	Rho guanine nucleotide exchange fact	Arhgef2	ARHG2 MOUSE	112 kDa	1	1	0	0	0	0	5	2	3	2	1	0	1	0	3	1	0.00	0.30	5.00		0.1835	0.1021	0.0797	0.2254
1532	Cation-independent mannose-6-phosp	Igf2r	MPRI MOUSE	274 kDa	0	0	1	2	1	1	0	1	1	2	2	0	0	1	1	1	4.00	2.00	2.00	1.00	0.1012	0.4382	0.5185	1.0000
1533	Peptidyl-prolyl cis-trans isomerase FK	Fkbp3	FKBP3 MOUSE	25 kDa	4	2	6	6	6	12	3	2	4	2	3	5	4	8	3	3	2.00	1.11	0.75	0.42	0.1759	0.7700	0.4961	0.1306
1534	Tropomyosin alpha-3 chain	Tpm3	TPM3 MOUSE	33 kDa	2	2	3	2	1	4	14	14	11	20	19	18	2	2	13	19	1.00	1.46	5.57	8.14	1.0000	0.0118	0.0041	0.0025
1535	Proteasome subunit alpha type-7	Psma7	PSA7 MOUSE	28 kDa	4	8	5	8	6	5	8	6	12	10	14	9	6	8	11	4	1.12	1.14	1.71	1.14	0.6798	0.5324	0.0792	0.0722
1536	Ubiquitin-fold modifier-conjugating enz	Ufc1	UFC1 MOUSE	19 kDa	13	17	10	14	10	13	4	3	6	2	2	5	13	12	4	3	0.93	0.69	0.33	0.24	0.6979	0.3747	0.0319	0.0044
1537	Hepatoma-derived growth factor	Hdgf	HDGF MOUSE	26 kDa	3	3	6	4	4	4	14	9	14	12	8	7	4	4	12	9	1.00	0.73	3.08	2.25	1.0000	0.2149	0.0195	0.0820
1538	Ig gamma-3 chain C region	1 SV	IGHG3 MOUSE	44 kDa	0	0	0	3	2	0	18	12	12	2	1	26	0	2	14	10		0.69		5.80	0.1994	0.6529	0.0198	0.4310
1539	Galectin-2	Lgals2	LEG2 MOUSE	15 kDa	0	0	0	0	0	0	0	8	4	10	37	46	0	0	4	31		7.75				0.1243	0.2254	0.1032
1540	Galectin-9	Lgals9	LEG9 MOUSE	45 kDa	2	6	2	2	6	0	19	12	17	9	9	6	3	3	16	8	0.80	0.50	4.80	3.00	0.7791	0.0432	0.0105	0.0140
1541	Dipeptidase 1	Dpep1	DPEP1 MOUSE	46 kDa	1	2	3	9	3	3	2	1	3	14	25	18	2	5	2	19	2.50	9.50	1.00	3.80	0.2693	0.0306	1.0000	0.0285
1542	N-acylneuraminate cytidylyltransferase	Cmas	NEUA MOUSE	48 kDa	4	2	4	0	3	2	0	0	0	1	1	4	3	2	0	2	0.50		0.00	1.20	0.2113	0.1835	0.0377	0.8151
1543	TBC1 domain family member 15	Tbc1d15	TBC15 MOUSE	77 kDa	9	9	13	9	6	3	3	1	2	1	0	0	10	6	2	0	0.58	0.17	0.19	0.06	0.1231	0.0824	0.0136	0.0771
1544	Structural maintenance of chromosom	Smc1a	SMC1A MOUSE	143 kDa	0	1	1	0	0	0	2	1	7	5	3	4	1	0	3	4	0.00	1.20	5.00		0.1835	0.7595	0.2858	0.0202
1545	Lysyl oxidase homolog 1	Loxl1	LOXL1 MOUSE	66 kDa	0	0	0	0	0	0	5	20	24	19	12	9	10	0	0	11		0.41				0.3080	0.1496	0.1447
1546	Ubiquitin-like modifier-activating enzym	Atg7	ATG7 MOUSE	78 kDa	3	5	2	6	3	2	2	3	4	1	3	2	3	4	3	2	1.10	0.67	0.90	0.55	0.8350	0.2879	0.7700	0.3033
1547	Beta-glucuronidase	Gusb	BGLR MOUSE	74 kDa	0	0	0	0	0	0	8	6	6	6	3	4	0	0	7	4		0.65				0.1076	0.0099	0.0390
1548	Minor histocompatibility protein HA-1	Hmha1	HMHA1 MOUSE	123 kDa	0	0	0	0	0	0	4	0	2	0	2	2	0	0	2	1		0.67				0.6495	0.2254	0.1835
1549	Sorting nexin-3	Snx3	SNX3 MOUSE	19 kDa	4	3	1	3	4	1	9	7	6	11	10	8	3	3	7	10	1.00	1.32	2.75	3.63	1.0000	0.1347	0.0201	0.0059
1550	Protein flightless-1 homolog	Fli	FLI1 MOUSE	145 kDa	0	1	0	0	0	0	4	2	3	4	9	7	0	0	3	7	0.00	2.22	9.00		0.4226	0

1612	Toll-interacting protein	Tollip	TOLIP MOUSE	30 kDa	12	10	9	10	10	7	7	6	6	4	6	4	10	9	6	5		0.87	0.74	0.61	0.52	0.3747	0.1131	0.0327	0.0286
1613	Rho GTPase-activating protein 17	Arhgap17	RHG17 MOUSE	92 kDa	4	3	0	0	2	0	4	3	2	0	2	2	2	1	3	1		0.29	0.44	1.29	2.00	0.3089	0.1332	0.6528	0.5185
1614	Dynamin-1	Dnm1	DYN1 MOUSE	98 kDa	0	0	0	0	0	0	5	2	6	2	0	0	0	0	4	1			0.15				0.0726	0.0691	0.4226
1615	Hsp90 co-chaperone Cdc37	Cdc37	CDC37 MOUSE	45 kDa	8	8	10	4	8	10	8	8	15	3	9	7	9	7	10	6		0.85	0.61	1.19	0.86	0.5384	0.2482	0.5543	0.7090
1616	Phosphatidylinositol 3,4,5-trisphospha	Inppl1	SHIP2 MOUSE	139 kDa	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0		0.00		0.00		0.4226		0.4226	
1617	Glycylpeptide N-tetradecanoyltransfer	Nmt1	NMT1 MOUSE	57 kDa	12	9	4	8	8	8	6	5	7	3	5	4	8	8	6	4		0.96	0.67	0.72	0.50	0.8995	0.0705	0.4244	0.0202
1618	Luc7-like protein 3	Luc7l3	LC7L3 MOUSE	51 kDa	7	10	8	8	7	5	8	5	7	5	8	3	8	7	7	5		0.80	0.80	0.80	0.80	0.2524	0.4852	0.2524	0.4852
1619	Ruv B-like 2	Ruvbl2	RUVB2 MOUSE	51 kDa	3	3	2	3	1	0	19	16	17	11	7	5	3	1	17	8		0.50	0.44	6.50	5.75	0.2667	0.0170	0.0013	0.0503
1620	Epidermal growth factor receptor	Egfr	EGFR MOUSE	135 kDa	0	2	1	2	1	0	16	12	7	0	2	3	1	1	12	2		1.00	0.14	11.67	1.67	1.0000	0.0496	0.0489	0.5666
1621	Proteasome subunit beta type-3	Psmb3	PSB3 MOUSE	23 kDa	9	7	10	3	2	3	7	6	6	2	7	3	9	3	6	4		0.31	0.63	0.73	1.50	0.0124	0.2637	0.1042	0.4768
1622	Hydroxymethylglutaryl-CoA lyase, mit	Hmgcl	HMGCL MOUSE	34 kDa	6	7	3	6	8	3	7	4	2	9	9	7	5	6	4	8		1.06	1.92	0.81	1.47	0.8686	0.0934	0.6249	0.2001
1623	Heat shock protein 105 kDa	Hsph1	HS105 MOUSE	96 kDa	3	5	12	5	4	2	6	3	7	1	4	1	7	4	5	2		0.55	0.38	0.80	0.55	0.3888	0.1023	0.6876	0.2804
1624	Beta-1,3-galactosyl-O-glycosyl-glycop	Gcnt3	GCNT3 MOUSE	51 kDa	0	0	0	0	0	0	1	0	0	12	18	20	0	0	0	17			50.00				0.0194	0.4226	0.0202
1625	Protein NDRG1	Ndrg1	NDRG1 MOUSE	43 Kda	7	13	8	12	10	11	6	4	6	3	4	9	9	11	5	5		1.18	1.00	0.57	0.48	0.4687	1.0000	0.1533	0.0815
1626	Cytochrome c oxidase assembly facto	Coa3	COA3 MOUSE	12 Kda	6	5	3	6	6	4	6	5	7	8	4	7	5	5	6	6		1.14	1.06	1.29	1.19	0.5813	0.8194	0.2846	0.5176
1627	Transmembrane emp24 domain-conta	Tmed3	TMED3 MOUSE	25 Kda	14	9	14	7	9	7	3	3	5	1	0	0	12	8	4	0		0.62	0.06	0.29	0.30	0.04	0.0922	0.0217	0.0259
1628	Sec1 family domain-containing protein	Scfd2	SCFD2 MOUSE	75 Kda	6	14	6	12	8	8	1	0	1	1	0	0	9	9	1	0		1.08	0.50	0.08	0.04	0.8377	0.5185	0.0932	0.0166
1629	Protein Noxp20	Fam114a1	NXP20 MOUSE	61 Kda	7	12	12	10	10	2	6	2	3	6	3	3	10	7	4	4		0.71	1.09	0.35	0.55	0.4036	0.8419	0.0362	0.3395
1630	Fibulin-1	Fbln1	FBLN1 MOUSE	78 Kda	0	0	0	0	0	0	9	6	11	16	7	4	0	0	9	9			1.04				0.9378	0.0270	0.1299
1631	Protein argonaute-2	Ago2	AGO2 MOUSE	97 Kda	0	0	1	1	0	1	4	3	2	2	6	4	0	1	3	4		2.00	1.33	9.00	6.00	0.5185	0.4961	0.0248	0.0921
1632	Ras-related protein Rab-6A	Rab6a	RAB6A MOUSE	24 Kda	1	1	4	1	1	0	4	4	2	6	5	5	2	1	3	5		0.50	1.60	1.67	5.33	0.4226	0.0765	0.3379	0.0059
1633	H-2 class I histocompatibility antigen,	H2-D1	HA11 MOUSE	41 Kda	1	7	0	1	0	0	10	9	8	12	9	9	3	0	9	10		0.13	1.11	3.38	30.00	0.3977	0.4465	0.0928	0.0060
1634	Glutathione synthetase	Gss	GSHB MOUSE	52 Kda	3	4	2	0	2	1	6	7	7	13	19	16	3	1	7	16		0.33	2.40	2.22	16.00	0.0705	0.0290	0.0100	0.0078
1635	Cytochrome c oxidase subunit 7C, mit	Cox7c	COX7C MOUSE	7 Kda	5	4	5	7	6	4	2	1	4	4	2	1	5	6	2	2		1.21	1.00	0.50	0.41	0.3785	1.0000	0.1042	0.0557
1636	Ras-related protein Rab-27B	Rab27b	RB27B MOUSE	25 Kda	4	5	3	4	3	3	1	1	4	16	20	27	4	3	1	21		0.83	21.00	0.25	6.30	0.3868	0.0249	0.0351	0.0304
1637	Pre-B-cell leukemia transcription facto	Pbx1	PBIP1 MOUSE	81 Kda	0	0	0	0	0	0	6	10	9	1	1	0	0	0	8	1			0.08				0.0178	0.0202	0.1835
1638	Transcriptional activator protein Pur-be	Purb	PURB MOUSE	34 Kda	5	4	1	5	6	3	6	4	5	5	4	5	3	5	5	5		1.40	0.93	1.50	1.00	0.4259	0.6495	0.3033	1.0000
1639	Muscleblind-like protein 1	Mbnl1	MBNL1 MOUSE	37 Kda	6	4	5	5	2	3	9	8	7	8	6	8	5	3	8	7		0.67	0.92	1.60	2.20	0.2002	0.4926	0.0213	0.0253
1640	Interleukin-1 receptor accessory protei	Il1rap	IL1AP MOUSE	66 Kda	0	0	0	0	0	0	2	3	1	0	0	0	0	0	2	0			0.00				0.0742	0.0742	
1641	G-protein-signaling modulator 1	Gpsm1	GPSM1 MOUSE	74 Kda	3	1	0	1	1	1	1	0	0	0	0	0	1	1	0	0		0.75	0.00	0.25	0.00	0.7418	0.4226	0.3785	
1642	Adenine phosphoribosyltransferase	Aprt	APT MOUSE	20 Kda	2	4	2	2	1	2	8	10	13	13	10	13	3	2	10	12		0.63	1.16	3.88	7.20	0.2739	0.4045	0.0201	0.0051
1643	Neural cell adhesion molecule 1	Ncam1	NCAM1 MOUSE	119 Kda	0	0	0	0	0	0	5	7	5	2	0	1	0	0	6	1			0.18				0.0065	0.0136	0.2254
1644	Ras-related protein Rab-18	Rab18	RAB18 MOUSE	23 Kda	10	7	7	12	11	12	9	9	9	10	8	7	8	12	9	8		1.46	0.93	1.13	0.71	0.0551	0.5286	0.4226	0.0494
1645	Large proline-rich protein BAG6	Bag6	BAG6 MOUSE	121 Kda	3	3	4	2	0	2	4	1	2	2	0	0	3	1	2	1		0.40	0.29	0.70	0.50	0.0765	0.2113	0.3785	0.5185
1646	Paxillin	Pxn	PAXI MOUSE	64 Kda	5	3	4	1	3	1	19	9	10	10	9	6	4	2	13	8		0.42	0.66	3.17	5.00	0.0584	0.3058	0.1080	0.0152
1647	Programmed cell death protein 4	Pdcd4	PDCD4 MOUSE	52 Kda	3	1	1	4	1	4	10	4	10	2	8	6	2	3	8	5		1.80	0.67	4.80	1.78	0.3379	0.3747	0.0746	0.3293
1648	General transcription factor II-I	Gtf2i	GTF2I MOUSE	112 Kda	0	0	1	0	0	1	3	3	5	3	4	0	0	0	4	2		1.00	0.64	11.00	7.00	1.0000	0.4009	0.0217	0.2335
1649	Basigin	Bsg	BASI MOUSE	42 Kda	4	10	7	8	12	8	4	4	6	9	5	5	7	9	5	6		1.33	1.36	0.67	0.68	0.3495	0.3465	0.3105	0.1868
1650	SH3 domain-binding protein 1	Sh3bp1	3BP1 MOUSE	65 Kda	0	0	0	0	0	0	4	1	2	0	0	1	0	0	2	0			0.14				0.1394	0.1181	0.4226
1651	Coronin-7	Coro7	CORO7 MOUSE	101 Kda	3	3	4	1	0	9	8	9	7	13	7	3	2	9	9	9		0.50	1.04	2.60	5.40	0.2980	0.8838	0.0003	0.0457
1652	Methyl-CpG-binding domain protein 2	Mbd2	MBD2 MOUSE	43 Kda	0	1	1	0	0	1	3	5	2	3	1	2	1	0	3	2		0.50	0.60	5.00	6.00	0.5185	0.2846	0.0797	0.0824
1653	Eukaryotic translation initiation factor	Eif3k	EIF3K MOUSE	25 Kda	10	14	14	11	9	6	3	2	5	3	2	1	13	9	3	2		0.68	0.60	0.26	0.23	0.1129	0.2846	0.0066	0.0310
1654	Ubiquitin carboxyl-terminal hydrolase	Usp15	UBP15 MOUSE	112 Kda	0	2	0	1	0	0	0	1	0	1	0	1	1	0	0	1		0.50	2.00	0.50	2.00	0.6856	0.5185	0.6856	0.5185
1655	Stabilin-1	Stab1	STAB1 MOUSE	276 Kda	0	0	0	0	0	0	6	6	7	1	1	0	0	0	6	1			0.11				0.0003	0.0028	0.1835
1656	Ensconsin	Map7	MAP7 MOUSE	82 Kda	4	5	5	4	5	3	1	4	4	5	3	2	5	4	3	3		0.86	1.11	0.64	0.83	0.3868	0.8151	0.2322	0.5666
1657	Spermatopoiensis-associated protein 5	Spata5	SPAT5 MOUSE	97 Kda	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0		0.00		0.00		0.4226		0.4226	
1658	Peptidyl-prolyl cis-trans isomerase D	Ppid	PPID MOUSE	41 Kda	3	2	6	1	3	2	3	2	4	10	2	4	2	3	5	5		0.55	1.78	0.82	2.67	0.3033	0.4359	0.6528	0.2981
1659	Ribosomal protein S6 kinase alpha-3	Rps6ka3	KS6A3 MOUSE	84 Kda	1	2	1	2	3	4	6	5	5	7	7	6	1	3	5	7		2.25	1.25	4.00	2.22	0.0824	0.0474	0.0011	0.0100
1660	Lysosomal alpha-mannosidase	Man2b1	MA2B1 MOUSE	115 Kda	2	1	0	2	0	1	7	5	7	10	2	3	1	1	6	5		1.00	0.79	6.33	5.00	1.0000	0.6539	0.0040	0.2498
1661	Glutathione S-transferase theta-2	Gstt2	GSTT2 MOUSE	28 Kda	5	6	8	3	6	7	5	1	7	5	5	5	6	5	4	5		0.84	1.15	0.68	0.94	0.5422	0.7418	0.3865	0.8075
1662	Medium-chain specific acyl-CoA dehy	Acadm	ACADM MOUSE	46 Kda	4	4	3	3	5	3	6	11	3	11	15	10	4	4	7	12		1.00	1.80	1.82	3.27	1.0000	0.1397	0.3267	0.0191
1663	L-xylulose reductase	Dcxr	DCXR MOUSE	26 Kda	4	6	8	9	9	8	6	4	5	4	5	7	6	9	5	5		1.44	1.07	0.83	0.62	0.1385	0.7700	0.4961	0.0494
1664	Very-long-chain 3-oxoacyl-CoA reduct	Hsd17b12	DHB12 MOUSE	35 Kda	12	8	6	14	9	4	8	7	10	6	10	8	9	9	8	8		1.04	0.96	0.96	0.89	0.9272	0.8305	0.8767	0.7716
1665	Keratin, type II cytoskeletal 71	Krt71	K2C71 MOUSE	57 Kda	6	4	4	5	7	6	2	3	3	5	4	3	5	6	3	4		1.29	1.50	0.57	0.67	0.2065	0.1336	0.0765	0.0705
1666	Ancient ubiquitous protein 1	Aup1	AUP1 MOUSE	46 Kda	2	3	3	2	4	2	0	1	0	0	0	0	3	3	0	0		0.00	0.13	0.00	1.00	0.4226	0.0078	0.0572	
1667	Serine/threonine-protein kinase PRP4	Prpf4b	PRP4B MOUSE	117 Kda	2	2	3	0	1	0	1	1	2	0	1	0	2	0	1	0		0.14	0.33	0.43	1.00	0.0132	0.3868	0.1336	1.0000
1668	Serine/arginine-rich splicing factor 5	Srsf5	SRSF5 MOUSE	31 Kda	4	3	3	2	3	2	10	5	7	3	4	2	3	2	7	3		0.70	0.41	2.20	1.29	0.1012	0.0811	0.1038	0.3868
1669	Inositol-3-phosphate synthase 1	Isyna1	INO1 MOUSE	61 Kda	5	14	7	5	4	4	4	6	4	5	2	3	9	4	5	3		0.50	0.71	0.54	0.77	0.2521	0.2988	0.2779	0.3785
1670	Taperin	Tprn	TPRN MOUSE	80 Kda	0	0	0	0	0	0	0	1	0	6	1	1	0	0	0	3			8.00				0.2950	0.4226	0.2507
1671	Adenylosuccinate synthetase isozyme	Adss	PURA2 MOUSE	50 Kda	8	6	8	9	5	4	5	3	7	11	8	6	7	6	5	8		0.82	1.67	0.68	1.39	0.4873	0.1506	0.1727	0.3306
1672	Protein S100-A8	S100a8	S100A8 MOUSE	10 Kda	3	1	1	2	3	1	4	8	8	23	46	10	2	2	7	26		1.40	3.95	4.00	11.29	0.4382	0.2010	0.0452	0.1500
1673	Maleylacetoacetate isomerase	Gstz1	MAAI MOUSE	24 Kda	6	7	7	3	7	4	7	6	4	7	5	4	7	5	6	5		0.70	0.94	0.85	1.14	0.2335	0.8025	0.3785	0.6798
1674	DnaJ homolog subfamily C member 1	Dnajc1	DNJC1 MOUSE	64 Kda	12	10	9	9	6	6	0	0	0	0	0	0	10	7	0	0		0.68		0.00	0.00	0.0677		0.0072	0.0198
1675	EGF-containing fibulin-like extracellula	Efemp1	FBLN3 MOUSE	55 Kda	0	0	0	0	0	0	2	2	2	17	6	6	0	0	2	10			4.83				0.1717		0.1188
1676	Regulatory-associated protein of mTO	Rptor	RPTOR MOUSE	149 Kda	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	0		0.50		0.00	0.00	0.6856		0.4226	0.4226
1677	Ubiquitin carboxyl-terminal hydrolase	Usp14	UBP14 MOUSE	56 Kda	4	4	5	3	3	5	5	4	7	6	6	3	4	4	5	5		0.85	0.94	1.23	1.36	0.4382	0.8151	0.3785	0.3379
1678	Zinc finger CCCH domain-containing p	Zc3h11a	ZC11A MOUSE	86 Kda	2	1	1	2	1	1	1	1	1	0	2	1	1	1	1	1		1.00	1.00	0.75	0.75	1.0000	1.0000	0.4226	0.6495
1679	Serine/threonine-protein phosphatase	Ppp3ca	PP2BA MOUSE	59 Kda	4	7	5	8	6	4	6	6	4	3	6	3	5	6	5	4		1.13	0.75	1.00	0.67	0.6717	0.3379	1.0000	0.2619
1680	Rab11 family-interacting protein 5	Rab11fip5	RFIP5 MOUSE	70 Kda	0	0	0	0	0	0	13	12	9	2	2	0	0	0	11	1			0.12				0.0047	0.0111	0.1835
1681	Basic leucine zipper and W2 domain-c	Bzw1	BZW1 MOUSE	48 Kda	11	7	7	9	5	7	2	3	6	2	4	2	8	7	4	3		0.84	0.73	0.44	0.38	0.4926	0.5176	0.0607	0.0433
1682	Dolichyl-diphosphate beta-glucosyltrans	Alg5	ALG5 MOUSE	37 Kda	13	10	10	9	9	9	2	0	3	1	0	1	11	9	2	1		0.82	0.40	0.15	0.07	0.1835	0.3785	0.0023	0.0018
1683	Splicing factor 3A subunit 3	Sf3a3	SF3A3 MOUSE	59 Kda	5	7	8	4	3	2	8	3	8	4	3	3	7	3	6	3		0.45	0.53	0.95	1.11	0.0322	0.2102	0.8708	0.6495
1684	Elastin	Eln	ELN MOUSE	72 Kda	1	0	1	0	0	4	6	10	4	5	2	1	1	1	7	3		2.00	0.40	10.00	2.00	0.6708	0.1437	0.0719	0.4993
1685	Basal cell adhesion molecule	Bcam	BCAM MOUSE	68 Kda	0	2	0	0	0	0	1	4	2	3	5	4	1	0	2	4		0.00	1.71	3.50		0.4226	0.2002	0.2113	0.0202
1686	Calponin-3	Cnn3	CNN3 MOUSE	36 Kda	1	2	0	1	1	2	16	23	15	5	6	1	1	1	18	4		1.33	0.22	18.00	3.00	0.6495	0.0142	0.0172	0.2193
1687	Guanine nucleotide-binding protein Gi	Gnb1	GBB1 MOUSE	37 Kda	5	7	5	9	6	7	10	4	12	13	8	13	6	7	11	11		1.29	1.06	1.88	1.55	0.2113	0.8026	0.1014	0.1229
1688	Septin-8	8-Sep	SEPT8 MOUSE	50 Kda	0	0	0	0	0	0	5	2	4	8	10	6	0	0	4	8			2.18				0.0442	0.0533	0.0202
1689	Ubiquitin-conjugating enzyme E2 L3	Ube2l3	UB2L3 MOUSE	18 Kda	7	6	7	8	5	7	8	6	6	17	12	10	7	7	7	13		1.00	1.95	1.00	1.95	1.0000	0.0816	1.0000	0.0766
1690	Xaa-Pro dipeptidase	Pepd	PEPD MOUSE	55 Kda	1	11	5	3	4	2	6	6	3	5	6	4	6	3	5	5		0.53	1.00	0.88	1.67	0.4570	1.0000	0.8449	0.0705
1691	Interferon regulatory factor 2-binding p	Irf2bpl	I2BPL MOUSE	81 Kda	0	0	0	0	0	0	3	3	3	6	3	5	0	0	3	5			1.56				0.1994		0.0339
1692	Thioredoxin domain-containing protein	Txndc17	TXD17 MOUSE	14 Kda	2	5	5	5	5	5	8	3	4	5	7	7	4	5	6	6		1.25	1.06	1.50	1.27	0.4226	0.8178	0.2619	0.1835
1693	Transcriptional activator protein Pur-al	Pura	PURA MOUSE	35 Kda	6	8	5	10	8	13	7	7	5	7	9	6	6	10	6	7		1.63	1.16	1.00	0.71	0.0921	0.4204	1.0000	0.1674
1694	Acyl-CoA dehydrogenase family memb	Acad10	ACD10 MOUSE	119 Kda	1	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0		0.00		0.00		0.2254		0.2254	
1695	Hydroxyacylglutathione hydrolase, mit	Hagh	GLO2 MOUSE	34 Kda	8	7	8	8	11	11	2	7	3	1	1	3	8	10	4	2		1.30	0.42	0.52	0.17	0.1341	0.2642	0.1327	0.0037
1696	Polymeric immunoglobulin receptor	Pigr	PIGR MOUSE	85 Kda	0	0	0	0	0	0	1	5	1	10	25	9	0	0	2	15			6.29				0.1325	0.2222	0.1052
1697	Carbonic anhydrase 1	Ca1	CAH1 MOUSE	28 Kda	4	8	1	5	9	0	6	8	16	17	13	18	4	8	10	16		1.85	1.60	2.31	2.00	0.2273	0.1791	0.2076	0.0008
1698	Tubulin beta-3 chain	Tubb3	TBB3 MOUSE	50 Kda	2	6	4	5	6	5	10	16	7	5	7	6	4	5	11	6		1.33	0.55	2.75	1.13	0.3685	0.1950	0.1021	0.3868
1699	Lymphoid-restricted membrane protein	Lrmp	LRMP MOUSE	60 Kda	1	1	2	0	0	2	0	0	1	2	0	0	1	1	0	1		0.50	2.00	0.25	1.00	0.4382	0.6856	0.1012	1.0000
1700	Syntaxin-12	Stx12	STX12 MOUSE	31 Kda	2	3	2	2	3	2	7	9	4	6	7	8	2	2	7	7		1.00	1.05	2.86	3.00	1.0000	0.8467	0.0897	0.0046
1701	Proline synthase co-transcribed bacte	Prosc	PROSC MOUSE	30 Kda	5	3	5	5	5	2	5	5	4	6	7	5	4	4	5	6		0.92	1.29	1.08	1.50	0.7972	0.1336	0.6856	0.1759
1702	Fibronectin type III domain-containing	Fndc3b	FND3B MOUSE	133 kDa	0	1	1	0	0	0	2	3	4	1	0	0	1	0	3	0		0.00	0.11	4.50		0.1835	0.0246	0.0357	0.4226
1703	N-acetylglucosamine-6-sulfatase	Gns	GNS MOUSE	61 Kda	0	0	0	0	0	0	4	3	4	2	1	0	0	0	4	1			0.27				0.0248	0.0082	0.2254
1704	Mitotic interactor and substrate of PLK	Misp	MISP MOUSE	72 Kda	0	0	0	0	0	0	2	2	3	13	13	8	0	0	2	11			4.86				0.0287	0.0198	0.0209
1705	Protein S100-A10	S100a10	S10AA MOUSE	11 Kda	1	4	3	0	3	1	9	16	9	18	21	15	3	1	11	18		0.50	1.59	4.25	13.50	0.3453	0.0890	0.0513	0.0035
1706	NADH dehydrogenase [ubiquinone] 1	Ndufb3	NDUB3 MOUSE	12 Kda	4	5	5	2	4	6	5	4	5	5	4	4	5	4	5	4		0.86	0.93	1.00	1.08	0.6278	0.5185	1.0000	0.8042
1707	FAS-associated factor 2	Faf2	FAF2 MOUSE	52 Kda	0	4	7	2	3	5	4	4	4	4	4	5	4	3	4	4		0.91	1.08	1.09	1.30	0.8906	0.4226	0.8845	0.3785
1708	DnaJ homolog subfamily C member 1	Dnajc10	DJC10 MOUSE	91 Kda	0	0	1	0	0	0	9	8	15	5	4	4	0	0	11	4		0.00	0.41	32.00		0.4226	0.0981	0.0393	0.0059
1709	Eukaryotic translation initiation factor	Eif6	IF6 MOUSE	26 Kda	6	7	8	4	3	1	11	9	14	11	10	6	7	3	11	9		0.38	0.79	1.62	3.38	0.0199	0.3306	0.0811	0.0333
1710	Cullin-3	Cul3	CUL3 MOUSE	89 Kda	2	1	2	3	4	2	4	2	2	2	3	6	2	3	3	4		1.80	1.38	1.60	1.22	0.1336	0.5176	0.2739	0.6528
1711	Adenosine deaminase	Ada	ADA MOUSE	40 Kda	0	1	0	2	0	0	7	6	3	0	1	0	0	1	5	0		2.00	0.08	16.00	0.50	0.6856	0.0447	0.0447	0.6856
1712	RNA-binding prot

1774	Heat shock 70 kDa protein 13	Hspa13	HSP13 MOUSE	52 kDa	5	8	9	5	10	4	1	1	1	0	0	0	7	6	1	0	0.86	0.00	0.14	0.00	0.6782		0.0342	0.0762
1775	Sodium/potassium-transporting ATPas	Atp1b1	AT1B1 MOUSE	35 kDa	0	0	0	0	0	0	7	8	6	18	12	11	0	0	7	14		1.95				0.0842	0.0067	0.0246
1776	Probable ATP-dependent RNA helicas	Ddx6	DDX6 MOUSE	54 kDa	5	7	6	2	3	2	7	4	3	10	2	3	6	2	5	5	0.39	1.07	0.78	2.14	0.0100	0.9127	0.3939	0.4005
1777	Lactadherin	Mfge8	MFGM MOUSE	51 kDa	0	0	0	0	0	0	7	15	6	12	10	21	0	0	9	14		1.54				0.3231	0.0818	0.0514
1778	FYN-binding protein	Fyb	FYB MOUSE	90 kDa	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1						0.4226		0.4226
1779	Membrane primary amine oxidase	Aoc3	AOC3 MOUSE	85 kDa	0	2	0	0	1	2	9	15	4	8	14	14	1	1	9	12	1.50	1.29	14.00	12.00	0.7250	0.5238	0.1067	0.0242
1780	Ribose-phosphate pyrophosphokinase	Prps2	PRPS2 MOUSE	35 kDa	5	4	8	5	6	3	11	6	5	5	7	4	6	5	7	5	0.82	0.73	1.29	1.14	0.5422	0.4054	0.4994	0.6213
1781	Glutathione S-transferase Mu 5	Gstm5	GSTM5 MOUSE	27 kDa	7	2	3	7	9	6	4	5	5	7	10	4	4	7	5	7	1.83	1.50	1.17	0.95	0.1494	0.3091	0.7081	0.8748
1782	Acyl-coenzyme A thioesterase 13	Acot13	ACO13 MOUSE	15 kDa	3	5	2	2	7	3	2	3	3	4	2	1	3	4	3	2	1.20	0.88	0.80	0.58	0.7291	0.7507	0.5384	0.4104
1783	Adapter molecule crk	Crk	CRK MOUSE	34 kDa	6	7	5	3	4	4	9	10	7	11	11	8	6	4	9	10	0.61	1.15	1.44	2.73	0.0357	0.3747	0.0746	0.0162
1784	Complement C1q/tnf like protein 2	C1ql2	C1QL2 MOUSE	29 kDa	0	0	0	0	0	0	0	0	0	0	2	0	3	0	0	2		5.00				0.2667	0.4226	0.1994
1785	Pre-rRNA-processing protein TSR1 hc	Tsr1	TSR1 MOUSE	92 kDa	1	1	1	1	0	0	1	2	0	0	0	0	1	0	1	0	0.33	0.00	1.00	0.00	0.1835	0.2254	1.0000	0.4226
1786	Hypoxanthine-guanine phosphoribosyl	Hprt1	HPRT MOUSE	25 kDa	5	6	5	4	7	4	9	8	7	13	12	14	5	5	8	13	0.94	1.63	1.50	2.60	0.7769	0.0036	0.0248	0.0050
1787	Unconventional myosin-Ia	Myo1a	MYO1A MOUSE	119 kDa	0	0	0	0	0	0	0	0	0	1	7	7	0	0	0	5						0.1296		0.1296
1788	Lactotransferrin	Ltf	TRFL MOUSE	78 kDa	0	0	0	0	0	0	0	2	1	13	35	1	0	0	1	16		16.33				0.2632	0.2254	0.2426
1789	Nuclear RNA export factor 1	Nxf1	NXF1 MOUSE	70 kDa	3	4	5	1	2	2	4	4	10	3	4	0	4	1	9	2	0.33	0.27	2.17	1.75	0.0248	0.1014	0.1864	0.4970
1790	Sphingosine-1-phosphate lyase 1	Sgpl1	SGPL1 MOUSE	64 kDa	2	4	0	5	4	2	3	5	4	6	7	4	2	4	4	6	1.83	1.42	2.00	1.55	0.3194	0.2002	0.2209	0.1841
1791	Pyrroline-5-carboxylate reductase 3	Pycrl	P5CR3 MOUSE	29 kDa	8	8	7	8	11	8	5	1	5	4	1	3	8	9	4	3	1.17	0.73	0.48	0.30	0.3133	0.5704	0.0876	0.0093
1792	Serine/threonine-protein phosphatase	Ppp2r4	PTPA MOUSE	37 kDa	5	1	5	2	4	4	5	7	8	8	12	9	4	3	7	10	0.91	1.45	1.82	2.90	0.8377	0.1208	0.1447	0.0176
1793	Enoyl-CoA hydratase domain-containi	Echdc2	ECHD2 MOUSE	32 kDa	8	4	8	7	9	8	1	1	1	7	5	5	7	8	1	6	1.20	5.67	0.15	0.71	0.4326	0.0198	0.0512	0.0584
1794	Prostaglandin E synthase 3	Ptges3	TEBP MOUSE	19 kDa	5	5	7	2	4	4	4	3	9	5	5	6	6	3	5	5	0.59	1.00	0.94	1.60	0.0686	1.0000	0.8785	0.0765
1795	3-ketoacyl-CoA thiolase A, peroxisom	Acaa1a	THIKA MOUSE	44 kDa	1	1	3	0	1	0	11	6	6	13	12	12	2	0	8	12	0.20	1.61	4.60	37.00	0.1734	0.1021	0.0539	0.0000
1796	Alpha-2-antiplasmin	Serpinf2	A2AP MOUSE	55 kDa	0	0	1	0	0	0	16	20	13	3	6	9	0	0	16	6	0.00	0.37	49.00		0.4226	0.0187	0.0138	0.0742
1797	Histone-binding protein RBBP4	Rbbp4	RBBP4 MOUSE	48 kDa	4	5	4	1	2	2	10	8	7	8	11	8	4	2	8	9	0.38	1.08	1.92	5.40	0.0048	0.6437	0.0327	0.0115
1798	U4/U6.U5 tri-snRNP-associated protei	Sart1	SNUT1 MOUSE	91 kDa	4	8	6	2	1	4	7	1	5	1	2	2	6	2	4	2	0.39	0.38	0.72	0.71	0.0694	0.2677	0.4800	0.5384
1799	Structural maintenance of chromosom	Smc3	SMC3 MOUSE	142 kDa	1	0	0	0	0	0	3	1	3	1	5	1	0	0	3	2	0.00	1.11	1.00		0.4226	0.8513	0.1385	0.1091
1800	Pre-mRNA-splicing factor RBM22	Rbm22	RBM22 MOUSE	47 kDa	2	6	5	1	0	0	9	5	9	5	5	3	4	0	8	4	0.08	0.57	1.77	13.00	0.0704	0.1131	0.1376	0.0133
1801	Eukaryotic translation initiation factor	Eif3j2	EIJJB MOUSE	29 kDa	8	14	14	10	12	9	3	0	3	2	1	2	12	10	2	2	0.86	0.83	0.17	0.16	0.5058	0.7769	0.0217	0.0050
1802	Nck-associated protein 1	Nckap1	NCKP1 MOUSE	129 kDa	1	2	0	2	2	0	1	1	1	8	9	6	1	1	1	8	1.33	7.67	1.00	5.75	0.7250	0.0171	1.0000	0.0057
1803	Pro-interleukin-16	Il16	IL16 MOUSE	141 kDa	0	1	0	0	0	0	3	0	1	0	0	0	0	0	1	0	0.00	0.00	4.00		0.4226	0.2697	0.3785	
1804	Sorting nexin-18	Snx18	SNX18 MOUSE	68 kDa	2	5	3	2	2	1	2	2	4	1	1	0	3	2	3	1	0.50	0.25	0.80	0.40	0.1908	0.0765	0.5813	0.1012
1805	ADP-ribosylation factor 6	Arf6	ARF6 MOUSE	20 kDa	6	3	5	7	8	7	3	5	6	7	8	9	5	7	5	8	1.57	1.71	1.00	1.09	0.0797	0.0419	1.0000	0.3868
1806	Guanine nucleotide-binding protein G(	Gnaq	GNAQ MOUSE	42 kDa	2	1	1	1	3	2	6	10	10	9	9	7	1	2	9	8	1.50	0.96	6.50	4.17	0.3868	0.8377	0.0258	0.0022
1807	Carbamoyl-phosphate synthase [amm	Cps1	CPSM MOUSE	165 kDa	1	0	0	0	0	0	9	15	0	0	0	0	0	0	8	0	0.00	0.00	24.00		0.4226	0.2079	0.2201	
1808	N(G),N(G)-dimethylarginine dimethyla	Ddah2	DDAH2 MOUSE	30 kDa	0	0	0	0	0	0	10	11	9	16	19	17	0	0	10	18		1.80				0.0006	0.0033	0.0010
1809	Epithelial cell adhesion molecule	Epcam	EPCAM MOUSE	35 kDa	4	6	7	5	5	6	5	4	9	9	8	6	5	5	9	5	0.88	1.73	0.88	1.73	0.5286	0.0100	0.5666	0.0082
1810	Membrane-associated progesterone r	Pgrmc2	PGRC2 MOUSE	23 kDa	4	6	4	5	6	5	3	3	7	7	4	3	5	5	4	5	1.14	1.08	0.93	0.88	0.4382	0.8618	0.8377	0.6401
1811	NADH dehydrogenase [ubiquinone] 1	Ndufb5	NDUB5 MOUSE	22 kDa	3	4	4	3	3	4	1	0	2	3	3	2	4	3	1	3	0.91	2.67	0.27	0.80	0.5185	0.0824	0.0248	0.2302
1812	RNA-binding protein with serine-rich d	Rnps1	RNPS1 MOUSE	34 kDa	1	3	2	3	2	0	4	4	5	2	4	1	2	2	4	2	0.83	0.54	2.17	1.40	0.7700	0.1394	0.0357	0.6213
1813	Calcium uniporter protein, mitochondri	Mcu	MCU MOUSE	40 kDa	1	1	0	1	0	0	2	4	4	13	11	9	1	0	3	11	0.50	3.30	5.00	33.00	0.5185	0.0081	0.0386	0.0076
1814	SH3 domain-containing kinase-binding	Sh3kbp1	SH3K1 MOUSE	78 kDa	0	0	0	0	0	0	3	3	2	4	3	4	0	0	3	4		1.38				0.1012	0.0153	0.0082
1815	Bifunctional 3'-phosphoadenosine 5'-p	Papss1	PAPS1 MOUSE	71 kDa	1	4	2	2	2	1	4	1	0	1	1	3	2	2	2	2	0.71	1.00	0.71	1.00	0.5384	1.0000	0.6798	1.0000
1816	Isocitrate dehydrogenase [NAD] subu	Idh3g	IDHG1 MOUSE	43 kDa	7	8	9	10	3	6	3	4	1	1	3	2	8	6	3	2	0.79	0.75	0.33	0.32	0.5019	0.5666	0.0106	0.1582
1817	Importin-4	Ipo4	IPO4 MOUSE	119 kDa	6	2	3	2	1	0	3	2	2	1	0	0	4	1	2	0	0.27	0.14	0.64	0.33	0.1432	0.0132	0.3841	0.3868
1818	HBS1-like protein	Hbs1l	HBS1L MOUSE	75 kDa	10	9	2	5	2	6	1	1	1	0	0	1	7	4	1	0	0.62	0.33	0.14	0.08	0.4125	0.1835	0.1399	0.0704
1819	Twinfilin-1	Twf1	TWF1 MOUSE	40 kDa	5	3	2	5	4	4	8	6	8	7	11	13	3	4	7	10	1.30	1.41	2.20	2.38	0.3785	0.2250	0.0253	0.0719
1820	SWI/SNF complex subunit SMARCC1	Smarcc1	SMRC1 MOUSE	123 kDa	0	0	1	0	0	0	3	0	3	3	4	0	0	0	2	2	0.00	1.17	6.00		0.4226	0.8419	0.2322	0.1917
1821	F-actin-capping protein subunit alpha-	Capza1	CAZA1 MOUSE	33 kDa	3	4	3	4	3	5	10	8	11	10	9	7	3	4	10	9	1.20	0.90	2.90	2.17	0.3868	0.4676	0.0109	0.0159
1822	WD repeat-containing protein 46	Wdr46	WDR46 MOUSE	69 kDa	0	3	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0.00	0.00	0.25		0.2697	0.4226	0.3785	
1823	ATP-dependent 6-phosphofructokinas	Pfkl	PFKAL MOUSE	85 kDa	2	5	1	3	3	2	6	6	6	10	9	10	3	3	6	10	1.00	1.61	2.25	3.63	1.0000	0.0082	0.1091	0.0001
1824	DNA-(apurinic or apyrimidinic site) lya	Apex1	APEX1 MOUSE	35 kDa	4	4	7	2	2	5	7	6	12	10	9	8	5	3	8	9	0.60	1.08	1.67	3.00	0.2302	0.7595	0.2099	0.0118
1825	Protein FAM49B	Fam49b	FA49B MOUSE	37 kDa	0	3	2	1	1	1	12	8	9	9	12	12	2	1	10	11	0.60	1.14	5.80	11.00	0.5286	0.4433	0.0074	0.0099
1826	Adenylate kinase isoenzyme 1	Ak1	KAD1 MOUSE	22 kDa	2	2	0	4	7	4	14	9	12	16	13	10	1	5	12	13	3.75	1.11	8.75	2.60	0.0455	0.5880	0.0092	0.0248
1827	Acyl-protein thioesterase 1	Lypla1	LYPA1 MOUSE	25 kDa	4	4	3	5	4	4	6	5	4	4	7	4	4	4	5	5	1.18	1.00	1.36	1.15	0.2302	1.0000	0.1336	0.5813
1828	Sister chromatid cohesion protein PDS	Pds5a	PDS5A MOUSE	150 kDa	0	2	0	0	0	1	3	0	1	1	0	0	1	0	1	0	0.50	0.25	2.00	1.00	0.6856	0.3785	0.5813	1.0000
1829	Ubiquitin carboxyl-terminal hydrolase	Uch13	UCH13 MOUSE	26 kDa	7	8	6	6	7	4	5	2	3	7	5	4	7	6	6	5	0.81	0.84	0.90	0.94	0.2846	0.6477	0.7484	0.8025
1830	Dual specificity mitogen-activated prot	Map2k4	MP2K4 MOUSE	44 kDa	0	1	0	1	0	0	2	2	2	0	1	1	0	0	2	1	1.00	0.33	6.00	2.00	1.0000	0.0572	0.0377	0.5185
1831	Valacyclovir hydrolase	Bphl	BPHL MOUSE	33 kDa	4	5	3	8	8	6	3	4	4	3	5	4	4	7	4	4	1.83	1.09	0.92	0.55	0.0202	0.6495	0.6495	0.0202
1832	Kynurenine--oxoglutarate transaminas	Kyat3	KAT3 MOUSE	51 kDa	8	17	5	9	9	6	3	1	2	0	0	0	10	8	2	0	0.80	0.00	0.20	0.00	0.6401	0.0742	0.1536	0.0153
1833	Amine oxidase [flavin-containing] A	Maoa	AOFA MOUSE	60 kDa	6	7	4	5	5	3	6	11	4	1	0	0	6	4	7	0	0.76	0.05	1.24	0.08	0.2986	0.0817	0.6011	0.0133
1834	Ubiquitin carboxyl-terminal hydrolase	Usp10	UBP10 MOUSE	87 kDa	2	2	3	1	4	1	1	2	1	3	1	0	2	2	1	1	0.86	1.33	0.43	0.67	0.7769	0.7418	0.0572	0.6437
1835	COP9 signalosome complex subunit 1	Gps1	CSN1 MOUSE	53 kDa	3	5	4	3	3	3	3	2	4	3	1	2	4	3	3	2	0.83	0.67	0.75	0.60	0.3868	0.2879	0.2879	0.1336
1836	Importin-7	Ipo7	IPO7 MOUSE	119 kDa	11	8	5	5	6	4	3	0	5	1	3	2	8	5	3	2	0.63	0.75	0.33	0.40	0.2193	0.7024	0.0797	0.0213
1837	Sushi repeat-containing protein SRPX	Srpx2	SRPX2 MOUSE	53 kDa	0	0	0	0	0	0	9	7	7	7	14	7	0	0	8	9		1.22				0.5543	0.0075	0.0572
1838	Zinc finger protein 148	Znf148	ZN148 MOUSE	89 kDa	0	2	0	0	1	0	5	1	2	3	1	1	1	0	3	2	0.50	0.63	4.00	5.00	0.6856	0.5176	0.2381	0.1734
1839	Arf-GAP domain and FG repeat-contai	Agfg1	AGFG1 MOUSE	58 kDa	3	3	6	2	0	3	6	16	10	9	12	5	4	2	7	9	0.42	1.18	1.83	5.20	0.1561	0.6182	0.1216	0.0576
1840	Fermitin family homolog 2	Fermt2	FERM2 MOUSE	78 kDa	2	4	2	3	2	9	12	7	6	9	9	3	3	9	8	1.00	0.86	3.50	3.00	1.0000	0.4968	0.0286	0.0241
1841	Methylglutaconyl-CoA hydratase, mito	Auh	AUHM MOUSE	33 kDa	2	6	5	6	7	6	0	0	0	0	0	0	4	6	0	0	1.46		0.00	0.00	0.2335		0.0691	0.0028
1842	UDP-glucuronosyltransferase 1-7C	Ugt1a7c	UD17C MOUSE	60 kDa	0	0	0	0	0	0	13	17	12	16	12	11	0	0	14	13		0.93				0.6675	0.0117	0.0135
1843	Chitinase-like protein 3	Chil3	CHIL3 MOUSE	44 kDa	0	0	0	0	0	4	0	0	0	25	14	9	0	1	0	0	0.25			12.00	0.4226	0.0773		0.0805
1844	ER lumen protein-retaining receptor 1	Kdelr1	ERD21 MOUSE	25 kDa	3	1	2	3	3	3	1	1	2	1	0	1	2	3	1	1	1.50	0.50	0.67	0.22	0.2254	0.2302	0.3868	0.0198
1845	Pyruvate dehydrogenase protein X co	Pdhx	ODPX MOUSE	54 kDa	3	3	2	6	4	5	1	0	1	1	1	2	3	5	1	1	1.88	2.00	0.25	0.27	0.0357	0.2302	0.0132	0.0100
1846	Endophilin-A2	Sh3gl1	SH3G1 MOUSE	42 kDa	4	2	2	0	0	1	9	6	8	4	4	3	3	0	8	4	0.13	0.48	2.88	11.00	0.0535	0.0327	0.0125	0.0021
1847	Tapasin	Tapbp	TPSN MOUSE	50 kDa	0	0	0	0	0	0	4	1	1	2	4	2	0	0	2	3		1.33				0.6127	0.1835	0.0572
1848	Probable ATP-dependent RNA helicas	Ddx27	DDX27 MOUSE	86 kDa	3	4	3	1	1	1	2	1	1	0	0	0	3	1	1	0	0.30	0.00	0.40	0.00	0.0198	0.0572	0.0132	
1849	Ephrin type-B receptor 4	Ephb4	EPHB4 MOUSE	109 kDa	0	0	0	1	0	0	2	2	1	0	2	1	0	0	1	0		1.00		3.00	0.4226	1.0000	0.2254	0.3868
1850	Succinate-semialdehyde dehydrogena	Aldh5a1	SSDH MOUSE	56 kDa	6	6	5	4	7	4	2	2	1	3	5	2	6	5	2	3	0.88	2.00	0.29	0.67	0.5813	0.1908	0.0011	0.2804
1851	Sarcoplasmic/endoplasmic reticulum c	Atp2a3	AT2A3 MOUSE	114 kDa	0	0	0	0	0	0	1	1	0	3	6	4	0	0	1	4		6.50				0.0399	0.1835	0.0390
1852	Signal transducing adapter molecule 1	Stam	STAM1 MOUSE	60 kDa	2	4	7	2	4	2	9	9	6	10	6	4	4	3	8	7	0.62	0.83	1.85	2.50	0.3785	0.5555	0.1150	0.1394
1853	RNA-binding protein 27	Rbm27	RBM27 MOUSE	119 kDa	1	2	2	0	0	0	1	1	3	3	3	2	2	0	2	3	0.00	1.60			0.0377	0.2739	1.0000	0.0153
1854	tRNA (cytosine(34)-C(5))-methyltrans	Nsun2	NSUN2 MOUSE	85 kDa	0	4	2	3	4	1	4	2	2	4	6	1	2	0	2	1	0.00	1.83	0.86		0.1917	0.4223	0.8513	0.2776
1855	Mitochondrial antiviral-signaling protei	Mavs	MAVS MOUSE	53 kDa	5	7	8	5	6	4	1	2	2	3	1	0	7	5	2	1	0.75	0.80	0.25	0.27	0.2002	0.7507	0.0193	0.0322
1856	Oxygen-dependent coproporphyrinoge	Cpox	HEM6 MOUSE	50 kDa	4	2	3	3	5	3	1	1	1	1	2	1	3	4	1	1	1.22	1.33	0.33	0.36	0.4926	0.4226	0.0742	0.0535
1857	Nuclear factor of activated T-cells, cyt	Nfatc2	NFAC2 MOUSE	100 kDa	1	1	1	2	0	1	2	1	2	2	2	1	1	1	2	2	1.00	1.00	1.67	1.67	1.0000	1.0000	0.1835	0.3868
1858	Developmentally-regulated GTP-bindi	Drg1	DRG1 MOUSE	40 kDa	11	5	9	8	11	9	4	5	5	3	3	3	8	9	5	3	1.12	0.64	0.56	0.32	0.6477	0.0377	0.1693	0.0188
1859	ADP-ribosylation factor-like protein 1	Arl1	ARL1 MOUSE	20 kDa	8	8	8	6	4	10	1	2	1	3	1	0	2	8	7	5	0.80	1.07	0.56	0.75	0.4455	0.8820	0.1212	0.5153
1860	Melanophilin	Mlph	MELPH MOUSE	65 kDa	0	0	0	0	0	0	2	0	1	6	15	22	0	0	1	14		14.33				0.1002	0.2254	0.0904
1861	Na(+)/H(+) exchange regulatory cofac	Slc9a3r1	NHRF1 MOUSE	39 kDa	5	4	2	2	4	2	4	4	8	7	7	6	4	3	5	7	0.73	1.25	1.45	2.50	0.4204	0.4244	0.3643	0.0133
1862	Breast carcinoma-amplified sequence	Bcas3	BCAS3 MOUSE	101 kDa	0	1	2	0	1	0	0	0	0	0	0	0	1	0	0	0	0.33		0.00	0.00	0.3868		0.2254	0.4226
1863	Ubiquitin thioesterase OTUB1	Otub1	OTUB1 MOUSE	31 kDa	8	10	6	6	4	5	10	7	9	10	12	12	8	5	9	11	0.63	1.31	1.08	2.27	0.1045	0.0782	0.6717	0.0022
1864	B-cell receptor-associated protein 31	Bcap31	BAP31 MOUSE	28 kDa	5	3	5	1	5	4	2	2	3	3	5	6	4	3	2	5	0.77	2.00	0.54	1.40	0.5176	0.1042	0.0765	0.4259
1865	NADH dehydrogenase [ubiquinone] 1	Ndufa2	NDUA2 MOUSE	11 kDa	3	5	4	6	6	4	4	7	5	11	7	4	4	5	5	7	1.33	1.38	1.33	1.38	0.2065	0.4383	0.2846	0.4323
1866	NADH dehydrogenase [ubiquinone] iro	Ndufs6	NDUS6 MOUSE	13 kDa	8	6	7	5	3	4	6	5	3	5	6	1	7	4	5	4	0.57	0.86	0.67	1.00	0.0213	0.7291	0.1021	1.0000
1867	Phosphatidylinositol transfer protein a	Pitpna	PIPNA MOUSE	32 kDa	1	1	1	2	2	2	3	3	7	4	6	4	1	2	4	5	2.00	1.08	4.33	2.33		0.8377	0.1296	0.0572
1868	N-terminal kinase-like protein	Scyl1	SCYL1 MOUSE	89 kDa	4	2	10	1	3	0	0	0	0	0	0	0	5	1	0	0	0.25		0.00	0.00	0.2325		0.1567	0.2697
1869	Myeloid-derived growth factor	Mydgf	MYDGF MOUSE	18 kDa	5	7	5	6	5	7	5	6	5	3	3	3	6	6	5	3	1.06	0.56	0.94	0.50	0.7250	0.0198	0.6856	0.0351
1870	Polyadenylate-binding protein 2	Pabpn1	PABP2 MOUSE	32 kDa	7	5	2	5	4	3	7	6	5	6	3	5	5	4	6	5	0.86	0.78	1.29	1.17	0.7024	0.2846	0.4647	0.5666
1871	Cell division cycle 5-like protein	Cdc5l	CDC5L MOUSE	92 kDa	1	1	1	0	0	0	6	5	4	4	5	3	1	0	5	4	0.00	0.80	5.00			0.2879	0.0202	0.0202
1872	Protein Red	Ik	RED MOUSE	66 kDa	2	2	2	2	0	1	2	2	2	1	2	1	2	1	2	1	0.50	0.67	1.00	1.33	0.2254	0.1835		0.6495
1873	Pinin	Pnn	PININ MOUSE	82 kDa	1	3	6	4	2	0	3	1	2	1	2	1	3	2	2	1	0.60	0.67	0.60

1936	Nuclear fragile X mental retardation-in	Nufip2	NUFIP2 MOUSE	76 kDa	1	3	3	3	2	3	4	2	1	3	3	2	2	3	2	3	1.14	1.14	1.00	1.00	0.6856	0.7507	1.0000	1.0000
1937	Large subunit GTPase 1 homolog	Lsg1	LSG1 MOUSE	73 kDa	3	4	4	3	3	0	1	1	0	0	1	0	4	2	1	0	0.55	0.50	0.18	0.17	0.2322	0.5185	0.0031	0.2322
1938	La-related protein 4B	Larp4b	LAR4B MOUSE	82 kDa	1	2	1	0	1	1	3	3	5	5	1	3	1	1	4	3	0.50	0.82	2.75	4.50	0.2302	0.6495	0.0535	0.1733
1939	COP9 signalosome complex subunit 2	Cops2	CSN2 MOUSE	52 kDa	4	3	5	4	3	3	3	1	4	3	2	4	4	3	3	3	0.83	1.13	0.67	0.90	0.3868	0.7700	0.2846	0.6495
1940	Transcription factor ETV6	Etv6	ETV6 MOUSE	56 kDa	0	0	1	1	0	0	2	0	2	2	3	1	0	0	1	2	1.00	1.50	4.00	6.00	1.0000	0.4926	0.2739	0.0824
1941	Epimerase family protein SDR39U1	Sdr39u1	D39U1 MOUSE	33 kDa	0	2	3	1	0	2	0	0	0	2	1	0	2	1	0	1	0.60		0.00	1.00	0.5666	0.2254	0.1994	1.0000
1942	Protein phosphatase 1 regulatory subu	Ppp1r7	PP1R7 MOUSE	41 kDa	5	9	2	4	5	5	6	4	10	6	6	6	5	5	7	6	0.88	0.90	1.25	1.29	0.7750	0.7418	0.6463	0.0572
1943	mRNA-decapping enzyme 1A	Dcp1a	DCP1A MOUSE	65 kDa	5	8	5	3	2	3	5	5	8	4	4	3	6	3	6	4	0.44	0.61	1.00	1.38	0.0672	0.1341	1.0000	0.1012
1944	Inositol monophosphatase 1	Impa1	IMPA1 MOUSE	30 kDa	1	3	3	2	2	2	7	7	4	13	11	13	2	2	6	12	0.86	2.06	2.57	6.17	0.6667	0.0090	0.0455	0.0041
1945	N-fatty-acyl-amino acid synthase/hydr	Pm20d1	P20D1 MOUSE	56 kDa	12	11	7	7	7	6	3	1	3	0	0	0	10	7	2	0	0.67	0.00	0.23	0.00	0.1555	0.0728	0.0236	0.0028
1946	1-phosphatidylinositol 4,5-bisphosphat	Plcb3	PLCB3 MOUSE	139 kDa	0	0	0	0	0	0	1	0	0	0	3	2	0	0	0	2		5.00				0.2667	0.4226	0.1994
1947	NADH dehydrogenase [ubiquinone] 1	Ndufb6	NDUB6 MOUSE	15 kDa	2	1	3	2	3	1	1	0	0	0	2	0	0	2	2	0	1.00	2.00	0.17	0.33	1.0000	0.6856	0.0824	0.2065
1948	Nuclear protein localization protein 4 h	Nploc4	NPL4 MOUSE	68 kDa	2	5	6	1	4	1	5	3	4	4	3	3	4	2	4	3	0.46	0.83	0.92	1.67	0.2122	0.3868	0.8194	0.3133
1949	Catechol O-methyltransferase domain	Comtd1	CMTD1 MOUSE	29 kDa	2	1	4	4	2	2	2	2	1	4	7	4	2	3	2	5	1.14	3.00	0.71	1.88	0.7791	0.0672	0.5384	0.1346
1950	Nicastrin	Ncstn	NICA MOUSE	78 kDa	2	1	0	0	0	0	4	3	2	2	2	3	1	0	3	2	0.00	0.78	3.00		0.2254	0.3868	0.0705	0.0198
1951	ATP synthase subunit delta, mitochon	Atp5d	ATPD MOUSE	18 kDa	6	8	6	8	5	8	5	3	7	6	3	9	7	7	5	6	1.05	1.19	0.80	0.90	0.7972	0.6669	0.4009	0.7629
1952	AP-1 complex subunit mu-1	Ap1m1	AP1M1 MOUSE	49 kDa	0	5	0	0	0	2	4	2	3	0	1	2	2	1	3	1	0.40	0.33	1.80	1.50	0.6214	0.0705	0.5151	0.7250
1953	Paired amphipathic helix protein Sin3a	Sin3a	SIN3A MOUSE	145 kDa	0	0	0	0	0	1	1	2	1	1	1	1	0	0	1	1		0.75		3.00	0.4226	0.4226	0.0572	0.1835
1954	Neutral cholesterol ester hydrolase 1	Nceh1	NCEH1 MOUSE	46 kDa	8	8	9	8	11	10	5	1	2	4	0	1	8	10	3	2	1.16	0.63	0.32	0.17	0.2667	0.5879	0.0344	0.0074
1955	Latent-transforming growth factor beta	Ltbp1	LTBP1 MOUSE	187 kDa	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	2						0.3206		0.3206
1956	Echinoderm microtubule associated pr	Eml2	EMAL2 MOUSE	71 kDa	2	3	1	2	2	4	4	5	13	10	12	2	2	4	12	2	0.83	2.69	2.17	7.00	0.7700	0.0076	0.0357	0.0013
1957	Serine/threonine-protein phosphatase	Ppp1cb	PP1B MOUSE	37 kDa	4	5	1	5	4	1	3	2	4	6	11	5	3	3	3	7	1.00	2.44	0.90	2.20	1.0000	0.1348	0.8194	0.1566
1958	Glutamine synthetase	Glul	GLNA MOUSE	42 kDa	0	1	0	0	0	0	6	13	5	5	13	20	0	0	8	13	0.00	1.58	24.00		0.4226	0.4163	0.0905	0.0998
1959	Ubiquilin-1	Ubqln1	UBQL1 MOUSE	62 kDa	3	4	2	3	1	1	2	4	4	3	5	4	3	2	3	4	0.56	1.20	1.11	2.40	0.2065	0.4926	0.7250	0.0584
1960	Carnitine O-palmitoyltransferase 1, liv	Cpt1a	CPT1A MOUSE	88 kDa	0	0	1	0	1	0	1	3	2	8	4	7	0	0	2	6	1.00	3.17	6.00	19.00	1.0000	0.0504	0.0824	0.0304
1961	Acyl-coenzyme A thioesterase 9, mito	Acot9	ACOT9 MOUSE	51 kDa	1	3	1	2	1	0	4	3	3	7	9	6	2	1	3	7	0.60	2.44	1.80	7.33	0.4926	0.0198	0.2065	0.0061
1962	Vacuolar protein sorting-associated pr	Vps37c	VP37C MOUSE	38 kDa	5	5	6	7	4	6	5	5	5	5	3	4	5	6	5	4	1.06	0.80	0.94	0.71	0.7507	0.2254	0.4226	0.2002
1963	Cell death regulator Aven	Aven	AVEN MOUSE	37 kDa	4	5	6	5	4	5	5	2	2	0	0	0	5	5	3	0	0.93	0.00	0.60	0.00	0.6495	0.0955	0.1759	0.0051
1964	Growth factor receptor-bound protein	Grb2	GRB2 MOUSE	25 kDa	0	1	0	0	0	0	13	7	7	4	12	8	0	0	9	8	0.00	0.89	27.00		0.4226	0.7602	0.0460	0.0742
1965	Gamma-glutamyl hydrolase	Ggh	GGH MOUSE	35 kDa	7	8	8	12	15	10	4	5	4	2	0	3	8	12	4	2	1.61	0.38	0.57	0.14	0.0780	0.0797	0.0021	0.0061
1966	Glutaredoxin-1	Glrx	GLRX1 MOUSE	12 kDa	5	0	2	0	2	1	6	5	5	11	13	10	2	1	6	11	0.43	1.89	2.57	11.33	0.4647	0.0106	0.1135	0.0012
1967	Keratin, type I cuticular Ha1	Krt31	K1H1 MOUSE	47 kDa	2	23	0	0	0	0	0	51	0	0	0	0	8	0	17	0	0.00	0.00	2.04		0.3748	0.4226	0.6747	
1968	Mitochondrial import receptor subunit	Tomm40	TOM40 MOUSE	38 kDa	4	5	7	2	1	0	4	2	8	3	5	2	5	1	5	3	0.19	0.71	0.88	3.33	0.0199	0.5483	0.7580	0.1021
1969	Vesicle-associated membrane protein	Vapb	VAPB MOUSE	27 kDa	6	3	6	4	2	1	3	2	4	3	1	1	5	2	3	2	0.47	0.56	0.60	0.71	0.1172	0.2065	0.1759	0.5813
1970	NADH dehydrogenase [ubiquinone] 1	Ndufa7	NDUA7 MOUSE	13 kDa	2	2	0	3	3	2	3	1	1	0	2	1	1	3	2	1	2.00	0.60	1.25	0.38	0.1734	0.4926	0.7415	0.0824
1971	Serine/threonine-protein kinase N1	Pkn1	PKN1 MOUSE	104 kDa	1	0	0	0	0	0	2	2	1	1	1	2	0	0	2	1	0.00	0.80	5.00		0.4226	0.5185	0.0474	0.0572
1972	Conserved oligomeric Golgi complex s	Cog5	COG5 MOUSE	91 kDa	1	2	2	2	2	0	0	0	0	2	0	0	2	1	0	1	0.80		0.00	0.50	0.6856	0.4226	0.0377	0.5185
1973	Rho-related GTP-binding protein RhoC	Rhoq	RHOG MOUSE	21 kDa	1	1	3	1	1	2	8	7	13	9	6	8	2	1	9	8	0.80	0.82	5.60	5.75	0.6856	0.4793	0.0413	0.0109
1974	Lysosome membrane protein 2	Scarb2	SCRB2 MOUSE	54 kDa	0	1	0	0	0	0	9	9	6	8	12	10	0	0	8	10	0.00	1.25	24.00		0.4226	0.2619	0.0104	0.0131
1975	GrpE protein homolog 1, mitochondria	Grpel1	GRPE1 MOUSE	24 kDa	5	5	3	6	2	5	1	3	2	2	2	1	4	4	2	2	1.00	0.83	0.46	0.38	1.0000	0.6495	0.0584	0.1488
1976	Proteasome subunit beta type-7	Psmb7	PSB7 MOUSE	30 kDa	3	2	5	0	1	1	2	5	6	5	4	3	1	4	5	1	0.20	1.08	1.30	7.00	0.0797	0.8113	0.5422	0.0011
1977	Ubiquitin conjugation factor E4 A	Ube4a	UBE4A MOUSE	118 kDa	2	2	1	0	1	0	0	0	0	1	2	0	2	0	0	1	0.20		0.00	3.00	0.0474	0.2254	0.0377	0.3868
1978	Cytosolic purine 5'-nucleotidase	Nt5c2	5NTC MOUSE	65 kDa	2	1	1	0	0	0	1	3	1	1	0	0	1	0	2	0	0.00	0.20	1.25		0.0572	0.1734	0.6856	0.4226
1979	CREB-regulated transcription coactiva	Crtc3	CRTC3 MOUSE	67 kDa	0	0	0	0	0	0	2	1	1	1	0	2	0	0	1	1		0.75				0.6495	0.0572	0.2254
1980	Ig gamma-2A chain C region, membra	Igh-1a	GCAM MOUSE	44 kDa	2	3	0	1	1	12	14	13	5	2	8	2	1	13	5		0.60	0.38	7.80	5.00	0.5286	0.0333	0.0009	0.1472
1981	Glutamate-rich protein 5	Erich5	ERIC5 MOUSE	39 kDa	1	1	2	1	0	0	0	1	0	0	0	0	1	0	0	0	0.25	0.00	0.25	0.00	0.1012	0.4226	0.1012	0.4226
1982	1,4-alpha-glucan-branching enzyme	Gbe1	GLGB MOUSE	80 kDa	0	0	1	3	3	2	0	1	0	1	3	0	0	3	0	1	8.00	4.00	1.00	0.50	0.0078	0.3785	1.0000	0.2667
1983	Integrin beta-2	Itgb2	ITB2 MOUSE	85 kDa	0	1	0	0	0	0	10	7	8	11	6	4	0	0	8	7	0.00	0.84	25.00		0.4226	0.6011	0.0061	0.0782
1984	Fermitin family homolog 3	Fermt3	URP2 MOUSE	76 kDa	0	1	0	0	0	0	14	11	9	5	7	7	0	0	11	6	0.00	0.56	34.00		0.4226	0.0571	0.0135	0.0109
1985	24-hydroxycholesterol 7-alpha-hydrox	Cyp39a1	CP39A MOUSE	54 kDa	8	5	7	15	13	16	0	0	0	0	0	0	7	15	0	0	2.20		0.00	0.00	0.0030		0.0171	0.0036
1986	Thioredoxin-related transmembrane pr	Tmx2	TMX2 MOUSE	34 kDa	2	4	2	3	2	2	1	0	1	1	1	0	3	2	1	1	0.88	1.00	0.25	0.29	0.6856	1.0000	0.0765	0.0241
1987	Serum paraoxonase/arylesterase 2	Pon2	PON2 MOUSE	40 kDa	1	0	1	0	0	0	6	6	4	3	4	6	1	0	5	4	0.00	0.81	8.00		0.1835	0.4204	0.0087	0.0390
1988	Desmocollin-2	Dsc2	DSC2 MOUSE	100 kDa	1	2	1	0	1	0	0	1	2	1	3	5	1	0	1	3	0.25	3.00	0.75	9.00	0.1012	0.2209	0.6495	0.1385
1989	Conserved oligomeric Golgi complex s	Cog2	COG2 MOUSE	82 kDa	2	4	2	0	4	1	1	0	0	0	0	0	3	2	0	0	0.63	0.00	0.13	0.00	0.5176	0.4226	0.0535	0.2999
1990	Sodium-coupled neutral amino acid tra	Slc38a3	S38A3 MOUSE	56 kDa	9	11	7	8	9	7	1	0	1	0	0	0	9	8	1	0	0.89	0.00	0.07	0.00	0.4961	0.1835	0.0133	0.0052
1991	Proteasome subunit beta type-5	Psmb5	PSB5 MOUSE	29 kDa	9	1	12	3	7	7	6	4	7	4	7	5	7	6	6	5	0.77	0.94	0.77	0.94	0.6742	0.8025	0.6670	0.8465
1992	Centrosomal protein of 135 kDa	Cep135	CP135 MOUSE	133 kDa	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	1						0.4226		0.4226
1993	Sarcolemmal membrane-associated p	Slmap	SLMAP MOUSE	97 kDa	1	0	0	0	0	0	0	6	1	0	13	0	0	0	2	4	0.00	1.86	7.00		0.4226	0.7028	0.3942	0.4226
1994	Specifically androgen-regulated gene	Sarg	SARG MOUSE	65 kDa	0	0	0	0	0	0	0	0	0	4	3	1	0	0	0	3						0.0942		0.0942
1995	5(3')-deoxyribonucleotidase, cytosolic	Nt5c	NT5C MOUSE	23 kDa	5	5	6	2	3	3	9	9	9	7	11	12	5	3	9	10	0.50	1.11	1.69	3.75	0.0048	0.5799	0.0082	0.0356
1996	Vacuolar protein sorting-associated pr	Vps29	VPS29 MOUSE	20 kDa	2	2	4	4	5	2	12	7	6	9	7	6	3	4	8	7	1.38	0.88	3.13	2.00	0.4204	0.6613	0.0790	0.0424
1997	Arachidonate 5-lipoxygenase	Alox5	LOX5 MOUSE	78 kDa	0	0	0	0	0	0	0	0	0	5	9	4	0	0	6	6						0.0591		0.0591
1998	Molybdenum cofactor biosynthesis pro	Mocs1	MOCS1 MOUSE	70 kDa	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	1		2.00				0.6856	0.4226	0.4226
1999	Afamin	Afm	AFAM MOUSE	69 kDa	0	0	0	0	1	0	11	15	7	3	4	10	0	0	11	6		0.52		17.00	0.4226	0.1690	0.0414	0.1318
2000	Activator of 90 kDa heat shock protein	Ahsa1	AHSA1 MOUSE	38 kDa	5	5	2	3	2	2	3	5	3	3	2	1	4	2	4	2	0.58	0.55	0.92	0.86	0.2322	0.1332	0.7972	0.6495
2001	IST1 homolog	Ist1	IST1 MOUSE	39 kDa	4	5	10	4	5	4	0	0	1	5	6	4	3	3	2	1	0.58	0.75	0.42	0.55	0.2891	0.7183	0.1777	0.4104
2002	Shootin-1	Shtn1	SHOT1 MOUSE	71 kDa	0	2	1	0	1	3	2	3	4	2	3	4	1	1	3	3	1.33	1.00	3.00	2.25	0.7700	1.0000	0.0705	0.2002
2003	DNA replication licensing factor MCM5	Mcm5	MCM5 MOUSE	82 kDa	0	1	0	0	0	0	3	1	2	2	0	0	0	0	2	1	0.00	0.33	6.00		0.4226	0.2065	0.0824	0.4226
2004	Fructose-1,6-bisphosphatase isozyme	Fbp2	F16P2 MOUSE	37 kDa	1	2	7	2	4	2	2	3	3	3	13	11	3	3	3	9	0.80	3.38	0.80	3.38	0.7616	0.1725	0.7556	0.1689
2005	Phosphoribosyl pyrophosphate synthe	Prpsap1	KPRA MOUSE	39 kDa	7	7	8	7	5	5	3	3	4	4	5	4	7	6	3	4	0.77	1.30	0.45	0.76	0.1131	0.1012	0.0011	0.1734
2006	ATP-binding cassette sub-family A mel	Abca8a	ABC8A MOUSE	184 kDa	0	0	0	0	1	0	1	4	2	0	0	0	0	0	2	0		0.00		0.00	0.4226	0.1181	0.1181	0.4226
2007	Transcriptional repressor p66-beta	Gatad2b	P66B MOUSE	65 kDa	0	0	0	0	0	0	2	3	2	2	1	0	0	0	2	1		0.43				0.1336	0.0198	0.2254
2008	SH3 domain-binding glutamic acid-rich	Sh3bgrl	SH3L1 MOUSE	13 kDa	4	4	4	6	4	5	8	9	7	10	7	4	4	5	8	7	1.25	0.88	2.00	1.40	0.2254	0.6299	0.0202	0.3696
2009	Transcription initiation factor TFIID su	Taf9b	TAF9B MOUSE	27 kDa	0	0	0	1	0	0	1	2	1	0	0	0	0	0	1	0		0.00		0.00	0.4226	0.0572	0.0572	0.4226
2010	Hippocalcin-like protein 1	Hpcal1	HPCL1 MOUSE	22 kDa	6	6	3	2	3	1	2	3	5	8	8	7	5	2	3	8	0.40	2.30	0.67	3.83	0.0754	0.0271	0.2804	0.0027
2011	Ribonuclease UK114	Hrsp12	UK114 MOUSE	14 kDa	6	10	3	8	5	9	5	4	3	2	3	6	7	2	3	1	1.16	1.14	0.37	0.36	0.6979	0.8113	0.1812	0.0516
2012	Golgin subfamily A member 1	Golga1	GOGA1 MOUSE	87 kDa	6	6	7	3	3	1	0	0	0	0	0	0	6	2	0	0	0.37		0.00	0.00	0.0133		0.0028	0.0728
2013	Twinfilin-2	Twf2	TWF2 MOUSE	39 kDa	0	0	0	0	0	0	6	4	1	4	9	7	0	0	4	7		1.82				0.2181	0.1276	0.0444
2014	Ectonucleotide pyrophosphatase/phos	Enpp1	ENPP1 MOUSE	103 kDa	0	0	0	1	1	1	2	2	4	1	1	1	0	1	3	1		0.38		1.00		0.1296	0.0572	
2015	Reticulocalbin-2	Rcn2	RCN2 MOUSE	37 kDa	1	0	1	3	1	2	3	7	6	5	3	3	1	2	5	4	3.00	0.69	8.00	1.83	0.1336	0.3089	0.0516	0.1332
2016	Nuclear factor NF-kappa-B p105 subu	Nfkb1	NFKB1 MOUSE	106 kDa	0	1	0	0	0	0	4	3	4	3	4	2	0	0	3	1	0.00	0.90	10.00		0.4226	0.7250	0.0260	0.0351
2017	SUMO-conjugating enzyme UBC9	Ube2i	UBC9 MOUSE	18 kDa	0	0	2	1	0	3	6	4	3	4	5	2	1	1	4	4	2.00	0.85	6.50	2.75	0.5813	0.6213	0.0328	0.1347
2018	Neurolysin, mitochondrial	Nln	NEUL MOUSE	80 kDa	0	0	0	0	1	1	1	0	1	2	2	1	0	1	1	2		2.50		2.50	0.1835	0.1012	0.1835	0.1012
2019	Nucleoporin p58/p45	Nup58	NUP58 MOUSE	59 kDa	5	6	6	6	2	0	9	5	6	4	5	4	6	3	7	4	0.47	0.65	1.18	1.63	0.2283	0.1852	0.4970	0.4455
2020	Charged multivesicular body protein 3	Chmp3	CHMP3 MOUSE	25 kDa	2	3	2	2	1	1	0	1	0	0	1	0	2	1	0	0	0.57	1.00	0.14	0.25	0.1012	1.0000	0.0132	0.1012
2021	Scaffold attachment factor B2	Safb2	SAFB2 MOUSE	112 kDa	1	0	1	0	0	0	1	1	0	0	2	2	0	0	2	0	1.00	5.00	1.00	5.00	1.0000	0.2667	1.0000	0.2667
2022	ADP-ribosylation factor 5	Arf5	ARF5 MOUSE	21 kDa	6	6	6	4	5	7	3	8	7	8	5	6	4	6	7	7	0.72	1.11	1.00	1.54	0.0377	0.7291	1.0000	0.1042
2023	Lysozyme C-2	Lyz2	LYZ2 MOUSE	17 kDa	0	0	0	0	0	0	4	5	3	6	5	0	0	0	4	4		0.92				0.8773	0.0202	0.1869
2024	Eukaryotic translation initiation factor	Eif1ax	IF1AX MOUSE	16 kDa	5	10	10	6	7	8	3	2	4	1	1	1	8	7	3	1	0.84	0.33	0.36	0.14	0.5151	0.0742	0.0724	0.0091
2025	Glycogen phosphorylase, liver form	Pygl	PYGL MOUSE	97 kDa	0	0	0	0	0	0	5	5	3	10	6	3	0	0	4	6		1.46				0.4323	0.0228	0.0890
2026	Ubiquitin carboxyl-terminal hydrolase	Fam63a	FA63A MOUSE	51 kDa	0	1	0	0	1	1	0	0	0	2	2	0	1	1	0	2	2.00		0.00	2.50	0.5185	0.0377	0.4226	0.1012
2027	Phospholipase A2	Pla2g1b	PA21B MOUSE	16 kDa	6	7	14	5	7	6	0	0	0	0	0	0	9	6	0	0	0.67		0.00	0.00	0.3554		0.0701	0.0091
2028	Aldose reductase-related protein 2	Akr1b8	ALD2 MOUSE	36 kDa	0	0	0	0	0	0	9	7	8	10	12	15	0	0	8	12		1.54				0.0811	0.0052	0.0136
2029	Sialoadhesin	Siglec1	SN MOUSE	183 kDa	0	0	0	0	0	0	6	1	2	1	3	1	0	0	3	2		0.56				0.4873	0.1885	0.1296
2030	UPF0577 protein KIAA1324	Kiaa1324	K1324 MOUSE	111 kDa	2	3	3	3	1	4	1	1	1	0	0	0	3	3	1	0	1.00	0.00	0.38	0.00	1.0000		0.0377	0.0942
2031	Slit homolog 3 protein	Slit3	SLIT3 MOUSE	168 kDa	0	0	0	0	0	0	3	2	1	1	0	0	0	0	2	0		0.17				0.0824	0.0742	0.4226
2032	Peptidyl-prolyl cis-trans isomerase FK	Fkbp9	FKBP9 MOUSE	63 kDa	0	0	0	0	0	0	2	4	2	1	0	1	0	0	3	1		0.25				0.0765	0.0572	0.1835
2033	Arginase-1	Arg1	ARGI1 MOUSE	35 kDa	0	0	0	0	0	0	8	9	12	17	2	1	0	0	10	7		0.69				0.6242	0.0151	0.3266
2034	Serine protease inhibitor A3N	Serpina3n	SPA3N MOUSE	47 kDa	0	0	0	0	0	0	8	16	13	0	0	0	0	0	12	0		0.00				0.0340	0.0340	
2035	Protein FAM98B	Fam98b	FA98B MOUSE	45 kDa	4	5	3	4	2	3	6	4	3	6	4	5	4	3	4	5	0.75	1.15	1.08	1.67	0.2879	0.5666	0.7700	0.0705
2036	Actin-like protein 6A	Actl6a	ACL6A MOUSE	47 kDa	3	1	0	0	0	2	10	1	7	8	5	5	1	0	6	6	0.00	1.00	4.50		0.2667	1.0000	0.2133	0.0267
2037	Protein SGT1 homolog	Sugt1	SGT

2098	Microtubule-associated protein RP/EB	Mapre2	MARE2 MOUSE	37 kDa	3	2	2	1	4	1	3	3	2	2	3	2	2	2	3	2	0.86	0.88	1.14	1.17	0.7769	0.5185	0.5185	0.7769
2099	UBX domain-containing protein 1	Ubxn1	UBXN1 MOUSE	34 kDa	2	1	2	1	0	0	4	3	4	5	2	5	2	0	4	4	0.20	1.09	2.20	12.00	0.0474	0.7769	0.0132	0.0551
2100	Cleavage and polyadenylation specific	Cpsf7	CPSF7 MOUSE	52 kDa	1	4	3	0	3	0	8	5	4	4	2	5	3	1	6	4	0.38	0.65	2.13	3.67	0.2804	0.2567	0.1208	0.1172
2101	Vacuolar protein sorting-associated pr	Vps37b	VP37B MOUSE	31 kDa	2	5	2	1	5	3	6	2	2	4	5	4	3	3	3	4	1.00	1.30	1.11	1.44	1.0000	0.5351	0.8520	0.3685
2102	Protein unc-45 homolog A	Unc45a	UN45A MOUSE	103 kDa	0	0	0	0	0	0	1	1	1	1	4	2	0	0	1	2		2.33				0.2697		0.1181
2103	Prostensin	Ppp1r18	PPR18 MOUSE	66 kDa	0	0	0	0	0	0	7	3	4	4	3	0	0	0	5	2		0.50				0.2417	0.0604	0.1917
2104	Cathepsin Z	Ctsz	CATZ MOUSE	34 kDa	0	0	0	0	0	1	12	8	11	8	7	7	0	0	10	7		0.71		22.00	0.4226	0.1212	0.0133	0.0001
2105	Serpin B5	Serpinb5	SPB5 MOUSE	42 kDa	0	0	0	0	0	0	1	0	1	19	12	15	0	0	1	15		23.00				0.0165	0.1835	0.0170
2106	Heterogeneous nuclear ribonucleoprot	Hnrnpll	HNRLL MOUSE	64 kDa	3	2	1	0	2	0	3	4	3	2	4	4	2	1	3	3	0.33	1.00	1.67	5.00	0.2065	1.0000	0.1336	0.0474
2107	Core histone macro-H2A.2	H2afy2	H2AW MOUSE	40 kDa	0	0	0	0	1	0	0	0	0	7	10	4	0	0	0	7				21.00	0.4226	0.0561		0.0567
2108	Prostaglandin reductase-3	Zadh2	PTGR3 MOUSE	41 kDa	4	3	4	6	7	10	2	2	3	3	8	5	4	8	2	5	2.09	2.29	0.64	0.70	0.7104	0.1696	0.0474	0.2858
2109	ATPase Asna1	Asna1	ASNA MOUSE	39 kDa	5	2	4	4	1	3	3	2	3	1	3	1	4	3	3	2	0.73	0.63	0.73	0.63	0.4676	0.2739	0.3785	0.4204
2110	Prolyl 4-hydroxylase subunit alpha-1	P4ha1	P4HA1 MOUSE	61 kDa	0	0	0	0	0	0	6	4	5	4	1	2	0	0	5	2		0.47				0.0746	0.0131	0.1181
2111	H-2 class I histocompatibility antigen,	H2-K1	HA1D MOUSE	41 kDa	1	0	0	0	0	0	20	14	13	1	4	3	0	0	16	3	0.00	0.17	47.00		0.4226	0.0164	0.0179	0.0942
2112	Persulfide dioxygenase ETHE1, mitoch	Ethe1	ETHE1 MOUSE	28 kDa	4	2	1	2	2	2	3	1	2	10	14	13	2	2	2	12	0.86	6.17	0.86	6.17	0.7418	0.0052	0.7700	0.0133
2113	Lymphocyte-specific protein 1	Lsp1	LSP1 MOUSE	34 kDa	1	1	2	1	0	2	0	16	6	10	4	8	7	1	0	9	0.00	0.73	8.67		0.2254	0.2642	0.0168	0.0342
2114	Glutamate--cysteine ligase regulatory	Gclm	GSH0 MOUSE	31 kDa	4	6	7	6	4	6	4	8	3	5	1	3	6	5	5	3	0.94	0.60	0.88	0.56	0.7791	0.3593	0.7291	0.1727
2115	Endophilin-B1	Sh3glb1	SHLB1 MOUSE	41 kDa	3	2	3	1	0	1	7	5	4	6	14	3	3	1	5	8	0.25	1.44	2.00	11.50	0.0132	0.5555	0.0797	0.1654
2116	Estradiol 17-beta-dehydrogenase 11	Hsd17b11	DHB11 MOUSE	33 kDa	2	2	1	2	2	2	8	4	6	7	11	11	2	2	6	10	1.20	1.61	3.60	4.83	0.4226	0.1076	0.0547	0.0289
2117	Phosphoribosyl pyrophosphate synthe	Prpsap2	KPRB MOUSE	41 kDa	2	2	0	0	2	0	3	6	1	1	2	3	1	1	3	2	0.50	0.60	2.50	3.00	0.5185	0.4647	0.3051	0.2065
2118	Protein AMBP	Ambp	AMBP MOUSE	39 kDa	0	0	0	0	0	0	0	10	12	4	6	3	7	0	9	5		0.62				0.3046	0.0691	0.0472
2119	ER membrane protein complex subuni	Emc2	EMC2 MOUSE	35 kDa	6	9	6	8	3	6	5	4	10	4	1	1	7	6	6	2	0.81	0.32	0.90	0.35	0.4968	0.1300	0.7721	0.1150
2120	Neuronal proto-oncogene tyrosine-pro	Src	SRC MOUSE	61 kDa	0	0	1	0	1	1	2	2	2	7	5	4	0	1	2	5	2.00	2.67	6.00	8.00	0.5185	0.0634	0.0377	0.0228
2121	Serine hydroxymethyltransferase, cytc	Shmt1	GLYC MOUSE	53 kDa	1	3	3	3	2	2	3	1	5	7	2	1	2	2	3	3	1.00	1.11	1.29	1.43	1.0000	0.8875	0.6495	0.6460
2122	Peptidyl-prolyl cis-trans isomerase G	Ppig	PPIG MOUSE	88 kDa	0	2	3	2	1	1	3	2	4	5	5	2	2	1	3	4	0.80	1.33	1.80	3.00	0.7507	0.4465	0.2846	0.1047
2123	Interferon regulatory factor 2-binding	Irf2bp1	I2BP1 MOUSE	62 kDa	1	1	2	1	0	1	1	2	1	0	3	1	1	1	1	1	0.50	1.00	1.00	2.00	0.2302	1.0000	1.0000	0.5384
2124	Sorting nexin-6	Snx6	SNX6 MOUSE	47 kDa	2	1	1	1	5	3	8	5	4	7	6	6	1	3	6	6	2.25	1.12	4.25	2.11	0.2832	0.6401	0.0600	0.0921
2125	Small glutamine-rich tetratricopeptide	Sgta	SGTA MOUSE	34 kDa	3	2	1	1	2	1	4	5	2	5	2	4	2	1	4	4	0.67	1.00	1.83	2.75	0.3868	1.0000	0.2002	0.1042
2126	Alpha-centractin	Actr1a	ACTZ MOUSE	43 kDa	4	3	5	3	3	5	3	6	5	7	6	4	4	4	5	6	0.92	1.21	1.17	1.55	0.7250	0.4676	0.5666	0.1500
2127	Leukemia inhibitory factor receptor	Lifr	LIFR MOUSE	123 kDa	0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	0		0.00				0.1835	0.1835	
2128	TraB domain-containing protein	Trabd	TRABD MOUSE	42 kDa	3	1	8	1	0	2	5	0	0	0	0	0	4	1	0	0	0.25		0.00	0.00	0.2838		0.1946	0.2254
2129	Protein CDV3	Cdv3	CDV3 MOUSE	30 kDa	5	7	8	8	8	7	3	3	3	1	2	0	7	8	3	1	1.15	0.33	0.45	0.13	0.3785	0.0742	0.0533	0.0016
2130	Protein odr-4 homolog	Odr4	ODR4 MOUSE	50 kDa	6	9	7	8	11	6	2	1	2	0	0	0	7	8	2	0	1.14	0.00	0.23	0.00	0.5942	0.0377	0.0143	0.0291
2131	Secretogranin-1	Chgb	SCG1 MOUSE	78 kDa	0	0	0	0	0	0	1	1	1	13	5	3	0	0	1	7		7.00				0.1885		0.1490
2132	Alkaline phosphatase, tissue-nonspec	Alpl	PPBT MOUSE	57 kDa	0	0	0	0	0	0	1	2	3	1	1	0	0	0	2	1		0.33				0.1336	0.0742	0.1835
2133	Coatomer subunit gamma-2	Copg2	COPG2 MOUSE	98 kDa	3	5	2	7	5	7	2	3	3	1	2	2	3	6	3	2	1.90	0.63	0.80	0.25	0.0576	0.1012	0.5384	0.0887
2134	Cytoplasmic dynein 1 intermediate ch	Dync1i2	DC1I2 MOUSE	68 kDa	6	4	4	2	5	5	6	2	3	3	2	1	5	4	4	2	0.86	0.55	0.79	0.50	0.6127	0.3033	0.5176	0.1759
2135	Ubiquitin carboxyl-terminal hydrolase i	Uchl5	UCHL5 MOUSE	38 kDa	9	8	9	5	5	7	2	2	2	0	1	0	9	6	2	0	0.65	0.17	0.23	0.06	0.0286	0.0377	0.0025	0.0060
2136	Scavenger receptor cysteine-rich type	Cd163	C163A MOUSE	121 kDa	0	0	0	0	0	0	5	6	3	3	1	1	0	0	5	2		0.36				0.0576	0.0339	0.1296
2137	Spondin-1	Spon1	SPON1 MOUSE	91 kDa	0	0	0	0	0	0	9	8	4	1	0	0	0	0	7	0		0.05				0.0432	0.0445	0.4226
2138	Proto-oncogene vav	Vav1	VAV MOUSE	98 kDa	0	0	0	0	0	0	0	1	0	0	4	1	0	0	0	2		5.00				0.3841	0.4226	0.2999
2139	Myotrophin	Mtpn	MTPN MOUSE	13 kDa	6	6	5	6	4	4	8	9	7	6	9	6	5	8	8	8	0.82	1.00	1.41	1.71	0.2739	1.0000	0.0357	0.0586
2140	Kynurenine--oxoglutarate transaminas	Kyat1	KAT1 MOUSE	48 kDa	2	6	5	7	6	4	0	0	0	0	1	0	4	6	0	0	1.31		0.00	0.06	0.4259	0.4226	0.0691	0.0166
2141	Flap endonuclease 1	Fen1	FEN1 MOUSE	42 kDa	0	0	0	0	0	0	1	0	3	0	1	0	0	0	1	0		0.25				0.3785	0.2697	0.4226
2142	Sulfite oxidase, mitochondrial	Suox	SUOX MOUSE	61 kDa	0	0	0	0	0	1	0	1	1	11	12	14	0	0	1	12		18.50		37.00	0.4226	0.0024	0.1835	0.0022
2143	Endoplasmic reticulum lectin 1	Erlec1	ERLEC MOUSE	55 kDa	5	5	4	7	4	5	2	3	1	1	1	1	5	5	2	1	1.14	0.50	0.43	0.19	0.5384	0.2254	0.0248	0.0390
2144	GTPase IMAP family member 4	Gimap4	GIMA4 MOUSE	25 kDa	1	3	1	0	0	0	11	5	7	0	9	7	2	0	8	5	0.00	0.70	4.60		0.1296	0.5186	0.0621	0.1898
2145	ATP-dependent RNA helicase DDX19,	Ddx19a	DD19A MOUSE	54 kDa	0	4	2	4	1	2	4	2	2	3	2	1	2	2	3	2	1.17	0.75	1.33	0.86	0.8305	0.4926	0.6495	0.7700
2146	Lysosomal acid lipase/cholesteryl este	Lipa	LICH MOUSE	45 kDa	0	0	0	0	0	0	5	3	4	7	6	10	0	0	4	8		1.92				0.0741	0.0202	0.0237
2147	LIM domain-containing protein 1	Limd1	LIMD1 MOUSE	71 kDa	2	5	1	3	2	2	3	4	3	4	2	2	3	2	3	3	0.88	0.80	1.25	1.14	0.8113	0.4382	0.6401	0.6856
2148	Tyrosine-protein kinase SYK	Syk	KSYK MOUSE	71 kDa	0	0	0	0	0	0	0	1	0	1	4	2	0	0	2	2		1.17				0.8151	0.1835	0.1181
2149	Histidine triad nucleotide-binding prote	Hint2	HINT2 MOUSE	17 kDa	2	5	5	8	5	5	2	4	2	5	7	3	4	6	3	5	1.50	1.88	0.67	0.83	0.2302	0.1727	0.3379	0.5491
2150	Cell surface glycoprotein MUC18	Mcam	MUC18 MOUSE	72 kDa	0	0	0	1	0	2	5	2	1	2	0	0	1	3	1	1		0.33		1.50	0.1835	0.1759	0.0955	0.6495
2151	Inosine-5'-monophosphate dehydroge	Impdh1	IMDH1 MOUSE	55 kDa	7	12	9	4	3	2	3	1	2	0	0	0	9	3	2	0	0.32	0.00	0.21	0.00	0.0349	0.0742	0.0247	0.0351
2152	Thymosin beta-4	Tmsb4x	TYB4 MOUSE	6 kDa	2	2	2	1	1	1	3	6	6	8	12	10	2	1	5	10	0.50	2.00	2.50	10.00		0.0316	0.0955	0.0161
2153	Acidic leucine-rich nuclear phosphopr	Ana32b	AN32B MOUSE	31 kDa	4	2	2	1	3	2	8	6	3	5	4	3	2	6	5	4	0.75	0.82	2.13	2.33	0.4926	0.5656	0.1635	0.0248
2154	Acetyl-CoA acetyltransferase, cytosol	Acat2	THIC MOUSE	41 kDa	0	0	0	0	0	0	1	3	2	14	6	3	0	0	2	8		3.83				0.2239	0.0742	0.1446
2155	Bifunctional 3'-phosphoadenosine 5'-p	Papss2	PAPS2 MOUSE	70 kDa	0	0	0	0	0	0	1	2	2	6	8	7	0	0	2	7		4.20				0.0032	0.0377	0.0067
2156	Phosphoglucomutase-like protein 5	Pgm5	PGM5 MOUSE	62 kDa	0	0	0	0	0	0	0	7	0	0	20	1	0	0	2	7		3.00				0.5566	0.4226	0.3945
2157	Beta-hexosaminidase subunit beta	Hexb	HEXB MOUSE	61 kDa	0	0	0	0	0	0	8	6	0	6	4	4	0	0	5	5		1.00				1.0000	0.1917	0.0198
2158	Procollagen-lysine,2-oxoglutarate 5-di	Plod3	PLOD3 MOUSE	85 kDa	0	0	0	0	0	0	9	7	5	4	0	0	0	0	7	1		0.19				0.0335	0.0261	0.4226
2159	Syntenin-1	Sdcbp	SDCB1 MOUSE	32 kDa	0	2	3	2	2	0	4	3	1	5	7	3	2	1	3	5	0.80	1.88	1.60	3.75	0.7791	0.1885	0.4676	0.0658
2160	O-phosphoseryl-tRNA(Sec) selenium	Sepsecs	SPCS MOUSE	55 kDa	2	1	4	1	3	2	0	0	0	0	0	1	2	2	0	0	0.86		0.00	0.17	0.7700	0.4226	0.1181	0.0824
2161	Zinc transporter 7	Slc30a7	ZNT7 MOUSE	42 kDa	1	3	1	1	2	2	0	1	1	0	0	0	2	2	1	0	1.00	0.00	0.40	0.00	1.0000	0.1835	0.2739	0.0377
2162	Cysteine desulfurase, mitochondrial	Nfs1	NFS1 MOUSE	51 kDa	0	0	2	3	2	3	0	0	1	1	4	0	1	3	0	2	4.00	5.00	50.00	0.63	0.0765	0.3841	0.6856	0.4970
2163	Uroporphyrinogen decarboxylase	Urod	DCUP MOUSE	41 kDa	3	5	5	4	2	3	1	1	1	4	4	2	4	3	1	2	0.69	3.33	1.23	1.11	0.2065	0.0728	0.0377	0.7250
2164	COP9 signalosome complex subunit 3	Cops3	CSN3 MOUSE	48 kDa	3	6	5	6	7	4	5	5	6	3	2	7	5	6	5	4	1.21	0.75	1.14	0.71	0.4676	0.4768	0.5384	0.4104
2165	Catechol O-methyltransferase	Comt	COMT MOUSE	29 kDa	4	3	1	6	5	4	4	6	5	7	5	8	3	5	5	7	1.88	1.33	1.88	1.33	0.1021	0.2002	0.1021	0.2002
2166	Metaxin-2	Mtx2	MTX2 MOUSE	30 kDa	7	6	13	3	6	4	2	1	4	4	2	1	9	4	2	2	0.50	1.00	0.27	0.54	0.1759	1.0000	0.0858	0.1841
2167	Small nuclear ribonucleoprotein G	Snrpg	RUXG MOUSE	8 kDa	3	4	4	5	3	3	6	7	9	7	7	6	4	4	7	7	1.00	0.91	2.00	1.82	1.0000	0.5384	0.0399	0.0286
2168	Transmembrane protein 33	Tmem33	TMM33 MOUSE	28 kDa	6	5	5	5	7	5	5	3	2	1	1	1	5	6	3	1	1.06	0.30	0.63	0.18	0.6856	0.1181	0.1394	0.0198
2169	V-type proton ATPase subunit H	Atp6v1h	VATH MOUSE	56 kDa	3	5	4	5	4	3	3	3	5	5	4	2	4	4	4	4	1.00	1.00	0.92	0.92	1.0000	1.0000	0.7250	0.7700
2170	14-3-3 protein sigma	Sfn	1433S MOUSE	28 kDa	1	0	1	0	1	0	3	4	5	7	5	8	1	0	4	7	0.50	1.67	6.00	20.00	0.5185	0.0746	0.0132	0.0109
2171	Biliverdin reductase A	Blvra	BIEA MOUSE	34 kDa	1	4	1	1	4	3	6	5	4	10	8	10	2	3	5	9	1.33	1.87	2.50	3.50	0.6437	0.0084	0.0754	0.0046
2172	Cysteine sulfinic acid decarboxylase	Csad	CSAD MOUSE	55 kDa	5	1	2	6	3	3	1	4	3	0	1	1	3	4	2	1	1.50	0.40	0.63	0.17	0.4433	0.2739	0.5176	0.0672
2173	Endothelial differentiation-related facto	Edf1	EDF1 MOUSE	35 kDa	6	6	10	5	7	5	5	3	1	1	2	7	6	3	1	1	0.77	0.33	0.41	0.18	0.3465	0.0705	0.0660	0.0085
2174	Radixin	Rdx	RADI MOUSE	69 kDa	4	3	6	3	4	5	7	6	6	6	5	9	4	4	6	7	0.92	1.05	1.46	1.67	0.7700	0.8113	0.1394	0.1432
2175	Glucosamine 6-phosphate N-acetyltra	Gnpnat1	GNA1 MOUSE	21 kDa	4	5	7	5	4	5	2	1	6	1	0	0	5	5	3	0	0.88	0.11	0.56	0.07	0.5384	0.2193	0.2725	0.0008
2176	Tripeptidyl-peptidase 1	Tpp1	TPP1 MOUSE	61 kDa	0	0	0	2	1	0	8	3	4	4	7	3	0	1	5	5		0.93		4.67	0.2254	0.8726	0.0620	0.0741
2177	APOBEC1 complementation factor	A1cf	A1CF MOUSE	66 kDa	6	5	3	4	3	1	0	0	0	0	0	0	5	3	0	0	0.57		0.00	0.00	0.1841		0.0339	0.0942
2178	Gamma-soluble NSF attachment prote	Napg	SNAG MOUSE	35 kDa	4	2	3	2	1	2	1	0	0	0	1	0	3	2	1	0	0.56	0.33	0.33	0.20	0.1336	0.5813	0.1759	0.0474
2179	Angiopoietin-related protein 2	Angptl2	ANGL2 MOUSE	57 kDa	0	0	0	0	0	0	1	3	1	7	12	3	0	0	2	7		4.40				0.1546	0.1296	0.1063
2180	Peptidase inhibitor 16	Pi16	PI16 MOUSE	53 kDa	0	0	0	0	0	0	2	5	4	12	2	1	0	0	4	5		1.36				0.7445	0.0533	0.2905
2181	Procollagen-lysine,2-oxoglutarate 5-di	Plod2	PLOD2 MOUSE	84 kDa	0	0	0	0	0	0	5	8	7	0	0	0	0	0	7	0		0.00				0.0171	0.0171	
2182	NADH dehydrogenase [ubiquinone] 1	Ndufb1	NDUB1 MOUSE	7 kDa	2	1	4	3	2	1	0	1	1	0	0	1	3	1	0	0	2.25	0.50	0.50	0.11	0.0824	0.5185	0.2302	0.0248
2183	SWI/SNF-related matrix-associated ac	Smarce1	SMC1 MOUSE	47 kDa	3	4	3	2	3	1	9	7	5	4	4	4	3	3	4	4	0.90	0.92	1.30	1.33	0.6495	0.4226	0.1012	0.2254
2184	3-methyl-2-oxobutanoate dehydrogen	Bckdk	BCKD MOUSE	47 kDa	6	6	4	6	6	5	2	1	2	2	1	1	5	6	2	1	1.06	0.80	0.31	0.24	0.6856	0.5185	0.0169	0.0008
2185	Transmembrane protein 263	Tmem263	TM263 MOUSE	12 kDa	4	10	8	10	8	5	3	2	2	1	2	0	7	8	2	1	1.05	0.43	0.32	0.13	0.8913	0.1336	0.1004	0.0310
2186	Calcium-regulated heat stable protein	Carhsp1	CHSP1 MOUSE	16 kDa	2	4	2	2	2	2	4	6	3	5	2	4	3	2	4	4	0.75	0.85	1.63	1.83	0.4226	0.6213	0.2113	0.1994
2187	Stimulator of interferon genes protein	Tmem173	STING MOUSE	43 kDa	0	1	0	0	0	0	8	4	3	2	1	2	0	0	5	2	0.00	0.33	15.00		0.4226	0.1555	0.0863	0.0377
2188	Glycerol-3-phosphate phosphatase	Pgp	PGP MOUSE	35 kDa	3	5	1	3	2	2	3	1	4	3	4	2	3	2	3	3	0.78	1.00	1.00	1.29	0.6278	1.0000	1.0000	0.3868
2189	Vacuolar protein sorting-associated pr	Vps26a	VP26A MOUSE	38 kDa	1	2	1	0	0	3	4	6	3	6	4	5	1	1	4	5	0.75	1.15	3.25	5.00	0.7769	0.5666	0.0621	0.0366
2190	Nardilysin	Nrdc	NRDC MOUSE	133 kDa	1	1	4	2	4	0	2	0	2	2	0	0	2	2	1	1	1.00	0.50	0.67	0.33	1.0000	0.5185	0.6127	0.3868
2191	Protein disulfide-isomerase A5	Pdia5	PDIA5 MOUSE	59 kDa	3	5	1	5	6	2	7	8	5	1	2	3	3	4	7	2	1.44	0.30	2.22	0.46	0.4686	0.0159	0.0694	0.1823
2192	Actin-related protein 10	Actr10	ARP10 MOUSE	46 kDa	1	0	0	0	2	0	0	1	1	1	1	0	0	1	1	1	2.00	1.00	2.00	1.00	0.6856	1.0000	0.5185	1.0000
2193	ERO1-like protein alpha	Ero1a	ERO1A MOUSE	54 kDa	5	5	4	6	2	3	2	1	4	2	4	3	2	5	4	3	0.79	1.13	0.57	0.82	0.4970	0.7250	0.0765	0.6528
2194	UAP56-interacting factor	Fytdd1	UIF MOUSE	36 kDa	0	2	0	0	0	1	2	2	2	2	2	0	1	0	2	1	0.50	0.67	3.00	4.00	0.6856	0.4226	0.1835	0.2739
2195	Sorting nexin-12	Snx12	SNX12 MOUSE	19 kDa	1	0	0	0	1	0	7	4	6	7	4	2	0	0	6	4	1.00	0.76	17.00	13.00	1.0000	0.4852	0.0166	0.1038
2196	Ubiquitin-conjugating enzyme E2 D3	Ube2d3	UB2D3 MOUSE	17 kDa	6	7	4	2	8	4	6	5	8	4	5	3	6	5	6	4	0.82	0.63	1.12	0.86	0.6477	0.1021	0.6213	0.7484
2197	Gamma-enolase	Eno2	ENOG MOUSE	47 kDa	0	0	0	0	0	0	1	4	0	2	2	1	0	0	2	2		1.00				1.0000	0.2999	0.0377
2198	L-2-hydroxyglutarate dehydrogenase,	Lzhgdh	L2HDH MOUSE	51 kDa	2	1	0	1	1	1	0	0	0	0	0	0	1	1	0	0	1.00		0.00	0.00	1.0000		0.2254	
2199	Cytosolic phospholipase A2	Pla2g4a	PA24A MOUSE	85 kDa	0	0	0	0	0	0	3	1	3	3	2	2	0	0	2	2		1.00				1

2260	GPI inositol-deacylase	Pgap1	PGAP1 MOUSE	105 kDa	1	0	0	0	0	0	0	0	0	3	4	8	0	0	0	5	0.00		0.00		0.4226	0.0820	0.4226	0.0820
2261	Putative hydrolase RBBP9	Rbbp9	RBBP9 MOUSE	21 kDa	1	2	0	1	3	1	3	2	2	5	8	4	1	2	2	6	1.67	2.43	2.33	3.40	0.4926	0.1000	0.1336	0.0590
2262	Epsin-1	Epn1	EPN1 MOUSE	60 kDa	5	2	4	4	3	2	4	4	4	4	5	2	4	3	4	4	0.82	0.92	1.09	1.22	0.5666	0.7418	0.7418	0.5666
2263	CAAX prenyl protease 1 homolog	Zmpste24	FACE1 MOUSE	55 kDa	5	5	3	5	5	6	1	2	3	0	2	1	4	5	2	1	1.23	0.50	0.46	0.19	0.2739	0.2879	0.0584	0.0081
2264	Mitotic spindle assembly checkpoint p	Mad1l1	MD1L1 MOUSE	84 kDa	1	0	0	1	0	1	3	0	0	0	0	0	0	1	1	0	2.00	0.00	3.00	0.00	0.5185	0.4226	0.5813	0.1835
2265	Leucine zipper putative tumor suppres	Lzts2	LZTS2 MOUSE	73 kDa	0	0	0	0	0	0	0	1	0	3	1	0	0	0	0	1		4.00				0.3785	0.4226	0.2697
2266	Methyl-CpG-binding domain protein 1	Mbd1	MBD1 MOUSE	70 kDa	0	0	2	1	0	0	1	1	0	0	1	1	1	0	1	1	0.50	1.00	1.00	2.00	0.6856	1.0000	1.0000	0.5185
2267	Putative hexokinase HKDC1	Hkdc1	HKDC1 MOUSE	102 kDa	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	2						0.4226		0.4226
2268	MAGUK p55 subfamily member 6	Mpp6	MPP6 MOUSE	63 kDa	0	0	0	0	0	0	0	0	1	6	2	4	0	0	0	4		12.00				0.0766	0.4226	0.0742
2269	Antigen peptide transporter 2	Tap2	TAP2 MOUSE	77 kDa	0	2	0	1	0	0	7	4	3	3	6	4	1	0	5	4	0.50	0.93	7.00	13.00	0.6856	0.8350	0.0590	0.0327
2270	Polypeptide N-acetylgalactosaminyltra	Galnt1	GALT1 MOUSE	64 kDa	3	3	2	1	4	1	5	2	2	1	0	0	3	2	2	0	0.75	0.20	0.63	0.17	0.5813	0.0474	0.1012	0.2322
2271	Protein VAC14 homolog	Vac14	VAC14 MOUSE	88 kDa	5	3	1	1	3	3	3	0	0	0	0	0	3	2	1	0	0.78	0.00	0.33	0.00	0.6495	0.4226	0.2619	0.0728
2272	Magnesium-dependent phosphatase 1	Mdp1	MGDP1 MOUSE	19 kDa	5	7	7	3	6	6	5	3	6	4	6	5	6	5	5	5	0.79	1.07	0.74	1.00	0.3379	0.7700	0.2113	1.0000
2273	U1 small nuclear ribonucleoprotein A	Snrpa	SNRPA MOUSE	32 kDa	2	3	2	1	0	0	4	4	4	7	4	0	2	0	4	4	0.14	0.92	1.71	11.00	0.0132	0.8845	0.0377	0.2399
2274	Myocardial zonula adherens protein	Myzap	MYZAP MOUSE	54 kDa	1	1	1	1	1	1	2	3	1	1	2	1	1	1	2	1	1.00	0.67	2.00	1.33		0.3868	0.2254	0.4226
2275	Eukaryotic translation initiation factor	Eif4e	IF4E MOUSE	25 kDa	1	1	3	3	2	2	1	1	0	0	1	1	2	2	1	2	1.40	1.00	0.40	0.29	0.4382	1.0000	0.2739	0.2241
2276	Aminoacylase-1	Acy1	ACY1 MOUSE	46 kDa	5	5	6	4	4	3	1	2	4	1	0	0	5	4	2	0	0.69	0.14	0.44	0.09	0.0241	0.1394	0.0621	0.0021
2277	Corticosteroid-binding globulin	Serpina6	CBG MOUSE	45 kDa	3	1	0	1	2	0	9	9	6	5	4	6	1	1	8	5	0.75	0.63	6.00	5.00	0.7700	0.0754	0.0078	0.0080
2278	Dipeptidyl peptidase 4	Dpp4	DPP4 MOUSE	87 kDa	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	1		2.00				0.6856	0.4226	0.4226
2279	Protein phosphatase 1 regulatory subi	Ppp1r21	PPR21 MOUSE	88 kDa	0	0	0	0	0	0	1	1	1	0	3	0	0	0	1	1		1.50				0.7769	0.1835	0.4226
2280	Fetuin-B	Fetub	FETUB MOUSE	43 kDa	0	0	0	0	0	0	1	7	8	10	8	10	4	0	0	8	7	0.88		22.00	0.4226	0.6477	0.0118	0.0535
2281	Inositol monophosphatase 3	Impad1	IMPA3 MOUSE	39 kDa	1	1	1	0	0	0	3	2	2	2	3	0	1	0	2	2	0.00	0.71	2.33			0.5384	0.0572	0.1994
2282	Importin-9	Ipo9	IPO9 MOUSE	116 kDa	2	2	2	3	0	0	4	3	4	3	1	1	2	1	4	2	0.50	0.45	1.83	1.67	0.4226	0.0765	0.0377	0.6127
2283	Signal recognition particle 9 kDa prote	Srp9	SRP09 MOUSE	10 kDa	5	3	4	9	8	8	5	2	3	2	3	1	4	8	3	2	2.08	0.60	0.83	0.24	0.0061	0.2846	0.5666	0.0019
2284	NEDD8-activating enzyme E1 regulatc	Nae1	ULA1 MOUSE	60 kDa	2	1	1	1	2	2	2	2	3	2	0	0	1	2	2	1	1.25	0.29	1.75	0.40	0.5185	0.1131	0.1012	0.2739
2285	Filamin-binding LIM protein 1	Fblim1	FBLI1 MOUSE	41 kDa	0	0	0	0	0	0	0	0	5	7	4	0	0	0	11	6		0.56				0.3879	0.1291	0.0267
2286	Transcription initiation factor TFIID sul	Taf5	TAF5 MOUSE	87 kDa	0	1	1	0	0	0	2	0	0	0	0	0	1	0	1	0	0.00	0.00	1.00		0.1835	0.4226	1.0000	
2287	LIM domain-binding protein 3	Ldb3	LDB3 MOUSE	76 kDa	1	0	0	0	0	0	0	12	0	0	12	3	0	0	4	5	0.00	1.25	12.00		0.4226	0.8618	0.4563	0.2999
2288	Histone deacetylase 1	Hdac1	HDAC1 MOUSE	55 kDa	1	4	2	0	2	0	5	2	4	6	5	5	2	1	4	5	0.29	1.45	1.57	8.00	0.2113	0.1908	0.3453	0.0087
2289	Small nuclear ribonucleoprotein F	Snrpf	RUXF MOUSE	10 kDa	3	4	5	4	1	3	6	3	5	3	2	1	4	3	5	2	0.67	0.43	1.17	0.75	0.2846	0.0746	0.5666	0.5666
2290	Zinc finger protein ubi-d4	Dpf2	REQU MOUSE	44 kDa	4	3	3	2	0	2	4	4	5	5	3	2	3	1	4	3	0.40	0.77	1.30	2.50	0.0765	0.3785	0.1012	0.1500
2291	RAC-beta serine/threonine-protein kin	Akt2	AKT2 MOUSE	56 kDa	2	3	2	1	2	0	0	1	2	1	2	0	2	1	1	1	0.43	1.00	0.43	1.00	0.1336	1.0000	0.1336	1.0000
2292	Prostaglandin reductase 2	Ptgr2	PTGR2 MOUSE	38 kDa	2	2	1	2	2	0	4	0	3	4	8	5	2	1	2	6	0.80	2.43	1.40	4.25	0.6856	0.1214	0.6401	0.0484
2293	SAP domain-containing ribonucleoprot	Sarnp	SARNP MOUSE	24 kDa	4	2	2	1	3	2	9	5	7	9	5	7	3	2	7	7	0.75	1.00	2.63	3.50	0.4926	1.0000	0.0433	0.0316
2294	Phospholipase B-like 1	Plbd1	PLBL1 MOUSE	63 kDa	0	0	0	0	0	0	4	1	3	3	5	6	0	0	3	5		1.75				0.1841	0.0942	0.0339
2295	Brain acid soluble protein 1	Basp1	BASP1 MOUSE	22 kDa	0	0	0	0	0	0	0	1	3	4	4	4	0	0	3	4		1.50				0.2697	0.0942	
2296	Dipeptidyl peptidase 1	Ctsc	CATC MOUSE	52 kDa	0	0	1	0	1	1	9	5	9	11	8	6	0	1	8	8	2.00	1.09	23.00	12.50	0.5185	0.7524	0.0258	0.0289
2297	Four and a half LIM domains protein 1	Fhl1	FHL1 MOUSE	32 kDa	0	0	0	0	0	0	4	19	1	5	12	12	0	0	8	10		1.21				0.8024	0.2873	0.0536
2298	Epididymal secretory protein E1	Npc2	NPC2 MOUSE	16 kDa	1	0	0	0	0	1	7	4	3	6	5	6	0	0	5	6	1.00	1.21	14.00	17.00	1.0000	0.4970	0.0600	0.0003
2299	Acyl-coenzyme A synthetase ACSM3,	Acsm3	ACSM3 MOUSE	66 kDa	0	0	0	0	0	0	0	0	0	2	4	3	0	0	0	3						0.0351		0.0351
2300	Complement factor I	Cfi	CFAI MOUSE	67 kDa	0	0	0	0	0	0	0	7	7	8	5	2	4	0	0	7	4	0.50				0.0399	0.0021	0.0533
2301	Golgi SNAP receptor complex membe	Gosr2	GOSR2 MOUSE	25 kDa	3	7	10	5	3	2	3	0	2	2	0	1	7	3	2	1	0.50	0.60	0.25	0.30	0.2374	0.5666	0.1175	0.1021
2302	MICOS complex subunit MIC13	Mic13	MIC13 MOUSE	13 kDa	4	4	4	6	1	3	1	1	1	2	3	2	4	3	1	2	0.83	2.33	0.25	0.70	0.6914	0.0572		0.5656
2303	Coiled-coil-helix-coiled-coil-helix doma	Chchd2	CHCH2 MOUSE	16 kDa	4	3	3	2	2	2	3	1	0	4	4	5	3	2	1	4	0.60	3.25	0.40	2.17	0.0572	0.0621	0.1394	0.0196
2304	Vacuolar protein sorting-associated pr	Vps4b	VPS4B MOUSE	49 kDa	1	3	2	1	1	2	5	1	4	1	3	4	2	1	3	3	0.67	0.80	1.67	2.00	0.3868	0.6798	0.3939	0.2667
2305	Myelin expression factor 2	Myef2	MYEF2 MOUSE	63 kDa	0	0	0	0	0	0	0	5	1	6	2	1	0	0	0	3		0.38				0.3033	0.1567	0.2254
2306	DEP domain-containing mTOR-interac	Deptor	DPTOR MOUSE	46 kDa	1	3	1	5	3	3	0	0	0	1	0	2	4	0	0	0	2.20		0.00	0.09	0.1012	0.4226	0.1296	0.0217
2307	Polypyrimidine tract-binding protein 3	Ptbp3	PTBP3 MOUSE	57 kDa	2	5	2	2	1	0	9	6	3	8	5	4	3	1	6	6	0.33	0.94	2.00	5.67	0.1759	0.8829	0.2250	0.0422
2308	ATP-dependent RNA helicase DDX3Y	Ddx3y	DDX3Y MOUSE	73 kDa	0	9	9	0	0	3	4	4	4	0	2	0	6	1	4	1	0.17	0.17	0.67	0.67	0.2322	0.0377	0.5736	0.7972
2309	Parafibromin	Cdc73	CDC73 MOUSE	61 kDa	1	1	1	1	1	0	1	0	2	1	0	0	1	1	1	0	0.67	0.33	1.00	0.50	0.4226	0.3868	1.0000	0.5185
2310	Signal transducing adapter molecule 2	Stam2	STAM2 MOUSE	57 kDa	2	3	4	1	1	1	6	3	3	4	7	4	3	1	4	5	0.33	1.25	1.33	5.00	0.0742	0.5185	0.4465	0.0572
2311	MKI67 FHA domain-interacting nucleo	Nifk	MK67I MOUSE	36 kDa	3	5	4	3	1	1	5	3	2	1	0	0	4	2	3	0	0.42	0.10	0.83	0.20	0.0584	0.0621	0.5666	0.1734
2312	Vesicle-associated membrane protein	Vamp2	VAMP2 MOUSE	13 kDa	0	1	1	0	2	3	4	1	6	1	4	3	1	2	4	3	2.50	0.73	5.50	1.60	0.3785	0.5942	0.1696	0.4676
2313	Heat shock-related 70 kDa protein 2	Hspa2	HSP72 MOUSE	70 kDa	0	0	0	0	0	0	2	3	1	5	2	3	0	0	2	3		1.67				0.2846	0.0742	0.0634
2314	U2 small nuclear ribonucleoprotein A'	Snrpa1	RU2A MOUSE	28 kDa	1	1	0	0	0	0	7	6	6	5	3	4	1	0	6	4	0.00	0.63	9.50		0.1835	0.0357	0.0003	0.0203
2315	Leucyl-cystinyl aminopeptidase	Lnpep	LCAP MOUSE	117 kDa	0	0	0	1	0	0	2	0	1	1	3	1	0	0	1	2		2.50		5.00	0.4226	0.3486	0.4226	0.1734
2316	Dehydrogenase/reductase SDR family	Dhrs7	DHRS7 MOUSE	38 kDa	7	5	4	10	8	7	2	1	1	0	4	0	5	8	1	1	1.56	1.00	0.25	0.16	0.0739	1.0000	0.0327	0.0162
2317	Tyrosine-protein kinase Lyn	Lyn	LYN MOUSE	59 kDa	0	0	0	0	0	0	5	2	3	3	4	6	0	0	3	4		1.30				0.4676	0.0634	0.0390
2318	Steryl-sulfatase	Sts	STS MOUSE	67 kDa	0	0	0	0	0	1	2	0	1	0	0	0	0	0	1	0		0.00		0.00	0.4226	0.2254	0.2254	0.4226
2319	Caspase-8	Casp8	CASP8 MOUSE	55 kDa	0	0	0	0	0	0	5	3	5	2	6	2	0	0	4	3		0.77				0.5512	0.0229	0.1296
2320	Inactive tyrosine-protein kinase 7	Ptk7	PTK7 MOUSE	118 kDa	0	0	0	0	0	0	2	4	4	6	2	2	0	0	3	3		1.00				1.0000	0.0377	0.1296
2321	Heat shock 70 kDa protein 12A	Hspa12a	HS12A MOUSE	75 kDa	0	0	0	0	0	0	0	0	0	3	4	2	0	0	0	3						0.0351		0.0351
2322	Cullin-5	Cul5	CUL5 MOUSE	91 kDa	0	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0				0.50	0.4226	0.4226		0.6856
2323	Fructose-bisphosphate aldolase C	Aldoc	ALDOC MOUSE	39 kDa	1	0	0	0	1	0	0	0	0	13	7	10	0	0	0	10	1.00		0.00	30.00	1.0000	0.0287	0.4226	0.0270
2324	Sulfotransferase family cytosolic 1B m	Sult1b1	ST1B1 MOUSE	35 kDa	0	0	0	0	0	0	0	0	0	1	4	12	0	0	0	6						0.2265		0.2265
2325	Appetite-regulating hormone	Ghrl	GHRL MOUSE	13 kDa	0	0	0	0	0	0	0	1	19	0	15	14	22	0	0	17		51.00				0.0265	0.4226	0.0212
2326	Transmembrane protein 109	Tmem109	TM109 MOUSE	26 kDa	6	3	3	6	3	5	2	2	3	3	1	2	4	5	2	2	1.17	0.86	0.58	0.43	0.6437	0.6495	0.2322	0.0746
2327	Protein Hook homolog 2	Hook2	HOOK2 MOUSE	83 kDa	2	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0.00		0.00		0.0572		0.0572	
2328	Zinc finger CCCH domain-containing p	Zc3h15	ZC3HF MOUSE	48 kDa	8	9	6	6	7	8	3	1	2	1	1	0	8	7	2	1	0.91	0.33	0.26	0.10	0.5666	0.1336	0.0087	0.0019
2329	Keratin, type II cytoskeletal 75	Krt75	K2C75 MOUSE	60 kDa	2	1	3	3	0	1	1	0	0	0	0	1	2	1	0	0	0.67	1.00	0.17	0.25	0.5666	1.0000	0.0824	0.3785
2330	Granulins	Grn	GRN MOUSE	63 kDa	1	1	1	4	3	1	10	4	6	7	5	6	1	3	7	6	2.67	0.90	6.67	2.25	0.1994	0.7484	0.0848	0.0419
2331	Mitochondrial import inner membrane	Timm13	TIM13 MOUSE	10 kDa	7	6	6	5	6	6	4	6	6	2	3	1	6	6	5	2	0.89	0.38	0.84	0.35	0.2302	0.0202	0.2739	0.0100
2332	ATPase family AAA domain-containing	Atad1	ATAD1 MOUSE	41 kDa	0	1	1	0	0	0	2	0	3	2	3	3	1	0	2	3	0.00	1.60	2.50		0.1835	0.3785	0.3785	0.0153
2333	Long-chain-fatty-acid--CoA ligase 5	Acsl5	ACSL5 MOUSE	76 kDa	0	0	0	0	0	0	2	3	3	3	2	1	0	0	3	2		0.75				0.3868	0.0153	0.0742
2334	Putative oxidoreductase GLYR1	Glyr1	GLYR1 MOUSE	93 kDa	3	1	0	0	1	0	2	0	2	1	1	0	1	0	1	1	0.25	0.50	1.00	2.00	0.3785	0.4382	1.0000	0.5185
2335	Conserved oligomeric Golgi complex c	Cog3	COG3 MOUSE	93 kDa	1	3	1	1	2	1	0	0	0	2	1	0	0	2	1	0	0.60		0.00	0.00	0.4926		0.1296	0.2254
2336	Tight junction protein ZO-3	Tjp3	ZO3 MOUSE	99 kDa	0	1	1	0	2	1	0	0	2	4	4	1	1	1	1	3	1.50	4.50	1.00	3.00	0.6495	0.1346	1.0000	0.1759
2337	cAMP-dependent protein kinase catal	Prkaca	KAPCA MOUSE	41 kDa	1	1	2	3	3	1	4	2	4	1	5	1	1	2	3	2	1.75	0.70	2.50	1.00	0.2739	0.5512	0.0765	1.0000
2338	Surfeit locus protein 6	Surf6	SURF6 MOUSE	41 kDa	1	1	1	1	0	1	1	1	2	0	0	0	1	1	1	0	0.67	0.00	1.33	0.00	0.4226	0.0572	0.4226	0.1835
2339	Protein arginine N-methyltransferase	Prmt1	ANM1 MOUSE	42 kDa	2	3	0	1	1	0	6	6	5	8	3	2	2	1	6	4	0.40	0.76	3.40	6.50	0.3785	0.5489	0.0327	0.1835
2340	Copine-1	Cpne1	CPNE1 MOUSE	59 kDa	0	1	1	0	1	1	5	4	7	5	6	9	1	1	5	7	1.00	1.25	8.00	10.00	1.0000	0.4259	0.0228	0.0304
2341	RalBP1-associated Eps domain-conta	Reps1	REPS1 MOUSE	87 kDa	2	3	1	0	2	0	0	0	0	1	0	2	1	0	0	0	0.50		0.00	0.33	0.2879	0.4226	0.0742	0.3868
2342	Casein kinase I isoform alpha	Csnk1a1	KC1A MOUSE	39 kDa	2	0	2	1	1	0	1	1	0	2	2	0	1	1	1	1	0.50	2.00	0.50	2.00	0.4382	0.4382	0.4382	0.4382
2343	Ribosome maturation protein SBDS	Sbds	SBDS MOUSE	29 kDa	1	0	2	1	1	3	5	2	5	2	8	4	1	2	4	5	1.67	1.17	4.00	2.80	0.4926	0.7629	0.0754	0.2250
2344	1-phosphatidylinositol 4,5-bisphospha	Plcd1	PLCD1 MOUSE	86 kDa	0	0	1	3	2	1	3	5	2	2	6	8	0	2	3	5	6.00	1.60	10.00	2.67	0.0824	0.3865	0.0621	0.1918
2345	Cytochrome P450 20A1	Cyp20a1	CP20A MOUSE	52 kDa	3	5	4	3	1	0	2	4	0	1	0	1	2	4	2	0	0.50	3.00	0.08	0.50	0.0705	0.3868	0.0100	0.2879
2346	Phospholipase A-2-activating protein	Plaa	PLAP MOUSE	87 kDa	2	2	0	0	0	0	1	0	4	1	3	0	1	0	2	1	0.00	0.80	1.25		0.1835	0.8350	0.8234	0.2697
2347	Neutrophil cytosol factor 2	Ncf2	NCF2 MOUSE	59 kDa	0	0	0	0	0	0	4	2	5	2	1	1	0	0	4	1		0.36				0.1042	0.0533	0.0572
2348	Zinc finger protein 512	Znf512	ZN512 MOUSE	64 kDa	0	0	0	0	0	0	3	2	0	0	2	2	0	0	2	1		0.80				0.7791	0.1994	0.1835
2349	Sphingomyelin phosphodiesterase 3	Smpd3	NSMA2 MOUSE	71 kDa	0	0	0	0	0	0	0	0	1	7	7	11	0	0	0	8		25.00				0.0214	0.4226	0.0247
2350	Eukaryotic translation initiation factor	Eif1	EIF1 MOUSE	13 kDa	8	8	5	8	6	8	3	4	3	7	5	7	7	3	5	5	1.05	1.50	0.48	0.68	0.7972	0.2832	0.0551	0.1727
2351	NHL repeat-containing protein 2	Nhlrc2	NHLC2 MOUSE	78 kDa	0	0	1	0	0	0	0	0	0	1	2	0	0	0	1	0	0.00		0.00		0.4226	0.2254	0.4226	0.2254
2352	Parathymosin	Ptms	PTMS MOUSE	11 kDa	0	5	7	2	5	6	6	8	6	8	6	10	4	4	7	8	1.08	1.20	1.67	1.85	0.8980	0.3868	0.3285	0.0928
2353	Islet cell autoantigen 1	Ica1	ICA69 MOUSE	54 kDa	3	2	5	2	1	0	0	0	0	0	0	0	3	1	0	0	0.30		0.00	0.00	0.1021		0.0634	0.2254
2354	Proliferating cell nuclear antigen	Pcna	PCNA MOUSE	29 kDa	2	0	1	0	0	0	6	6	9	6	6	0	1	0	7	4	0.00	0.57	7.00		0.2254	0.2739	0.0118	0.1835
2355	Peroxisomal bifunctional enzyme	Ehhadh	ECHP MOUSE	78 kDa	2	0	0	0	0	0	0	0	0	1	0	2	1	0	0	1	0.00		0.00		0.4226	0.4226	0.4226	0.4226
2356	Pyruvate kinase PKLR	Pklr	KPYR MOUSE	62 kDa	1	0	0	1	0	0	0	0	2	4	5	10	11	0	0	2	9	1.00	4.33	6.00	26.00	1.0000	0.0481	0.2832	0.0424
2357	Sorting nexin-7	Snx7	SNX7 MOUSE	45 kDa	0	0	0	0	0	0	0	2	2	0	0	0	0	0	1	0		0.00				0.1835	0.1835	
2358	Apoptosis regulator BAX	Bax	BAX MOUSE	21 kDa	1	2	1	0	1	1	3	3	5	7	4	4	1	1	4	5	0.50	1.36	2.75	7.50	0.2302	0.3379	0.0535	0.0384
2359	V-type proton ATPase 116 kDa subun	Atp6v0a1	VPP1 MOUSE	96 kDa	0	0	0	2	1	2	1	2	1	2	2	2	0	2	1	2		1.50		1.20	0.0377	0.1835	0.0572	0.4226
2360	Tyrosine-protein phosphatase non-rec	Ptpn1	PTN1 MOUSE	50 kDa	0	1	1	1	0	8	3	5	1	1	2	1	1	1	5	1	1.00	0.25	8.00	2.00	1.0000	0.1038	0.0780	0.2302
2361	Platelet glycoprotein 4	Cd36	CD36 MOUSE	53 kDa	6	4	3	0	1	4	3	6	3	3	3	3	4	2	4	3	0.38	0.75	0.92	1.80	0.1546	0.4226	0.8151	0.3828
2362	Activated RNA polymerase II transcrip	Sub1	TCP4 MOUSE	14 kDa	1	3	4	4

2422	Guanine nucleotide-binding protein G(	Gnq12	GBG12 MOUSE	8 Kda	1	2	4	2	2	3	2	4	5	5	7	6	2	2	4	6	1.00	1.64	1.57	2.57	1.0000	0.1021	0.3453	0.0100
2423	Zinc finger CCHC domain-containing p	Zcchc8	ZCHC8 MOUSE	78 Kda	0	1	0	0	0	0	4	3	4	2	3	1	0	0	4	2	0.00	0.55	11.00		0.4226	0.0824	0.0021	0.0742
2424	Sodium-coupled neutral amino acid tra	Slc38a5	S38A5 MOUSE	53 Kda	6	7	5	2	3	2	0	0	0	0	0	0	6	2	0	0	0.39		0.00	0.00	0.0100		0.0091	0.0198
2425	Lysosome-associated membrane glyc	Lamp1	LAMP1 MOUSE	44 Kda	1	2	1	3	5	4	5	4	6	3	4	5	1	4	5	4	3.00	0.80	3.75	1.00	0.0248	0.2879	0.0100	1.0000
2426	Alpha-1-antitrypsin 1-4	Serpina1d	A1AT4 MOUSE	46 Kda	0	0	2	1	4	4	2	4	4	3	10	13	1	3	3	9	4.50	2.60	5.00	2.89	0.1346	0.2095	0.0474	0.1879
2427	E3 ubiquitin-protein ligase TRIM56	Trim56	TRI56 MOUSE	79 Kda	1	0	1	1	0	0	2	0	0	0	0	0	1	0	1	0	0.50	0.00	1.00	0.00	0.5185	0.4226	1.0000	0.4226
2428	Deoxynucleotidyltransferase terminal-i	Dntttip2	TDIF2 MOUSE	84 Kda	0	0	0	0	0	0	1	0	2	0	0	0	0	0	1	0		0.00				0.2254	0.2254	
2429	39S ribosomal protein L2, mitochondri	Mrpl2	RM02 MOUSE	33 Kda	0	0	0	0	0	0	1	4	1	4	2	2	0	0	2	3		1.33				0.6127	0.1835	0.0572
2430	Osteopontin	Spp1	OSTP MOUSE	32 Kda	0	0	0	0	0	0	12	4	9	4	1	3	0	0	8	3		0.32				0.1229	0.0702	0.0942
2431	Indolethylamine N-methyltransferase	Inmt	INMT MOUSE	29 Kda	0	1	0	2	1	1	3	2	0	6	16	20	0	1	2	14	4.00	8.40	5.00	10.50	0.1012	0.0917	0.2667	0.0922
2432	Aldehyde dehydrogenase X, mitochon	Aldh1b1	ALB1 MOUSE	58 Kda	0	1	0	0	0	0	1	0	7	4	2	4	0	0	2	2	0.00	0.86	7.00		0.4226	0.9064	0.4825	0.2254
2433	HCLS1-binding protein 3	Hs1bp3	H1BP3 MOUSE	44 Kda	2	2	2	1	0	0	4	2	3	2	3	2	2	0	3	2	0.17	0.78	1.50	7.00	0.0377	0.3868	0.2254	0.0132
2434	RNA-binding protein Musashi homoloc	Msi2	MSI2H MOUSE	37 Kda	5	6	2	5	4	5	5	3	5	7	3	1	4	5	4	4	1.08	0.85	1.00	0.79	0.8113	0.7507	1.0000	0.6302
2435	Oligoribonuclease, mitochondrial	Rexo2	ORN MOUSE	27 Kda	2	3	2	3	4	5	2	1	2	1	1	1	2	4	2	1	1.71	0.60	0.71	0.25	0.0824	0.1835	0.2302	0.0351
2436	Enoyl-CoA delta isomerase 2, mitoch	Eci2	ECI2 MOUSE	43 Kda	2	2	1	2	0	1	3	2	1	1	3	0	2	1	2	1	0.60	0.67	1.20	1.33	0.3868	0.5666	0.6495	0.7700
2437	Alpha-2-macroglobulin receptor-assoc	Lrpap1	AMRP MOUSE	42 Kda	1	1	1	1	2	2	4	5	5	5	4	1	1	2	5	3	1.67	0.71	4.67	2.00	0.1835	0.3841	0.0082	0.2980
2438	Hematological and neurological expres	Hn1l	HN1L MOUSE	20 Kda	3	1	1	4	2	4	1	3	2	1	1	0	2	3	2	1	2.00	0.33	1.20	0.20	0.1518	0.1336	0.7250	0.0386
2439	Thioredoxin domain-containing protein	Txndc12	TXD12 MOUSE	19 Kda	1	3	3	3	2	2	8	5	7	7	5	5	2	2	7	6	1.00	0.85	2.86	2.43	1.0000	0.4204	0.0198	0.0217
2440	A-kinase anchor protein 8-like	Akap8l	AKP8L MOUSE	71 Kda	2	2	2	1	1	0	1	0	0	0	0	1	2	1	0	0	0.33	1.00	0.17	0.50	0.0572	1.0000	0.0377	0.5185
2441	Interferon-activable protein 205-A	Ifi205a	IFI5A MOUSE	45 Kda	0	0	0	0	0	0	0	3	3	1	3	7	0	0	2	4		1.86				0.2739	0.0728	0.0831
2442	Cyclin-dependent kinase 11B	Cdk11b	CD11B MOUSE	91 Kda	0	1	2	0	0	0	0	1	0	1	0	0	0	1	0	0	0.00	0.00	0.67		0.2254	0.1835	0.6495	
2443	Calcium uptake protein 2, mitochondri	Micu2	MICU2 MOUSE	49 Kda	0	0	0	0	0	0	2	0	0	3	2	2	0	0	1	2		3.50				0.1131	0.4226	0.0198
2444	Protein FAM3C	Fam3c	FAM3C MOUSE	25 Kda	0	1	2	1	2	0	4	2	2	4	2	1	1	1	3	2	1.00	0.88	2.67	2.33	1.0000	0.7791	0.1332	0.2846
2445	Protein Hook homolog 1	Hook1	HOOK1 MOUSE	84 Kda	1	1	2	0	1	2	0	0	0	0	0	0	1	1	0	0	0.75		0.00	0.00	0.6495		0.0572	0.2254
2446	Sushi domain-containing protein 2	Susd2	SUSD2 MOUSE	91 Kda	0	0	0	1	0	0	0	1	0	6	4	0	0	0	5			16.00		16.00	0.4226	0.0072	0.4226	0.0072
2447	Probable E3 ubiquitin-protein ligase m	Mkrn2	MKRN2 MOUSE	47 Kda	5	3	2	2	2	3	1	1	2	0	0	0	3	2	1	0	0.70	0.00	0.40	0.00	0.3785	0.0572	0.1394	0.0198
2448	Immunity-related GTPase family M prc	Irgm1	IRGM1 MOUSE	47 Kda	0	0	0	0	1	0	0	2	2	0	1	1	0	0	2	1		0.33		2.00	0.4226	0.0572		0.5185
2449	Adseverin	Scin	ADSV MOUSE	80 Kda	0	0	0	0	0	0	1	0	1	1	2	0	0	0	1	1		2.00				0.2302	0.1835	0.0572
2450	Lysosomal alpha-glucosidase	Gaa	LYAG MOUSE	106 Kda	0	0	0	0	0	0	4	4	1	8	5	5	0	0	3	6		2.00				0.1012	0.0955	0.0267
2451	ProSAAS	Pcsk1n	PCSK1 MOUSE	27 Kda	0	0	0	0	0	0	0	0	0	2	1	3	0	0	0	2						0.0742		0.0742
2452	Nicotinamide phosphoribosyltransfera	Nampt	NAMPT MOUSE	55 Kda	0	1	0	0	0	0	4	2	1	3	5	6	0	0	2	5		2.00				0.1347	0.1181	0.0339
2453	Extracellular matrix protein 1	Ecm1	ECM1 MOUSE	63 Kda	0	0	0	0	0	0	1	2	0	3	0	0	0	0	1	1		1.00				1.0000	0.2254	0.4226
2454	Histone deacetylase complex subunit	Sap18	SAP18 MOUSE	18 Kda	1	2	1	1	1	0	3	1	4	2	3	2	1	1	3	2	0.50	0.88	2.00	3.50	0.2302	0.7507	0.2667	0.0241
2455	Regulation of nuclear pre-mRNA doma	Rprd1b	RPR1B MOUSE	37 Kda	3	1	0	0	0	2	7	5	6	5	7	6	1	1	6	6	0.50	1.00	4.50	9.00	0.5813	1.0000	0.0159	0.0040
2456	Monoglyceride lipase	Mgll	MGLL MOUSE	33 Kda	1	1	2	2	1	2	1	4	1	1	1	1	2	2	1		1.25	0.50	1.50	0.60	0.5185	0.4226	0.5813	0.1835
2457	Importin subunit alpha-3	Kpna4	IMA3 MOUSE	58 Kda	4	2	2	3	3	2	1	7	5	8	3	4	6	3	3	7	1.00	0.65	2.50	1.63	1.0000	0.1347	0.0253	0.1908
2458	Arginase-2, mitochondrial	Arg2	ARGI2 MOUSE	39 Kda	9	0	6	2	2	0	1	2	0	0	0	1	5	1	1	0	0.27	0.33	0.20	0.25	0.2983	0.3868	0.2673	0.2739
2459	Importin subunit alpha-7	Kpna6	IMA7 MOUSE	60 Kda	1	1	2	2	1	1	0	0	1	1	1	0	1	1	0	1	1.00	2.00	0.25	0.50	1.0000	0.5185	0.1012	0.2302
2460	Bifunctional methylenetetrahydrofolate	Mthfd2	MTDC MOUSE	38 Kda	1	4	3	4	2	1	0	0	0	0	0	0	3	2	0	0	0.88		0.00	0.00	0.8025		0.0942	0.1181
2461	Vesicle-associated membrane protein	Vamp8	VAMP8 MOUSE	11 Kda	3	4	7	0	4	6	4	1	3	3	1	4	5	3	3	3	0.71	1.00	0.57	0.80	0.5703	1.0000	0.2567	0.7580
2462	Tyrosine-protein phosphatase non-rec	Ptpn11	PTN11 MOUSE	68 Kda	1	1	1	0	0	0	1	3	2	2	3	3	1	0	2	3	0.00	1.33	2.00			0.3868	0.2254	0.0153
2463	Amine oxidase [flavin-containing] B	Maob	AOFB MOUSE	59 Kda	0	1	0	2	3	2	1	2	2	0	3	2	0	2	2	2	7.00	1.00	5.00	0.71	0.0132	1.0000	0.0474	0.5384
2464	Protein phosphatase methylesterase 1	Ppme1	PPME1 MOUSE	42 Kda	0	0	0	1	1	1	0	0	0	2	1	0	0	1	0	1				1.00		0.2254		1.0000
2465	72 kDa type IV collagenase	Mmp2	MMP2 MOUSE	74 Kda	0	0	0	0	0	0	2	4	1	1	0	0	0	0	2	0		0.14				0.1394	0.1181	0.4226
2466	X-ray repair cross-complementing prot	Xrcc5	XRCC5 MOUSE	83 Kda	2	0	0	0	0	0	0	0	2	4	0	2	1	0	1	2	0.00	3.00	1.00		0.4226	0.3868	1.0000	0.2254
2467	Heat shock 70 Kda protein 4L	Hspa4l	HS74L MOUSE	94 Kda	0	0	0	0	0	0	0	2	1	1	3	4	0	0	1	3		2.67				0.2002	0.2254	0.0942
2468	RNA-binding motif, single-stranded-int	Rbms2	RBMS2 MOUSE	41 Kda	0	0	1	0	0	0	0	0	3	1	0	0	0	0	1	0	0.00	0.00	4.00		0.4226	0.2697	0.3785	
2469	Ribosome biogenesis protein BRX1 ho	Brix1	BRX1 MOUSE	41 Kda	1	1	2	1	1	0	0	0	1	0	0	0	1	1	0	0	0.50	0.00	0.25	0.00	0.2302	0.4226	0.1012	0.1835
2470	Regulator of chromosome condensati	Rcc1	RCC1 MOUSE	45 Kda	0	0	0	0	0	0	4	6	3	4	5	5	0	0	4	5		1.08				0.7507	0.0390	0.0051
2471	Dimethylaniline monooxygenase [N-ox	Fmo1	FMO1 MOUSE	60 Kda	0	0	0	0	0	0	0	0	0	2	7	6	0	0	0	5						0.0820		0.0820
2472	Glial fibrillary acidic protein	Gfap	GFAP MOUSE	50 Kda	0	1	0	0	0	0	0	1	5	0	0	2	0	0	0	1	0.00	0.33	6.00		0.4226	0.4873	0.3897	0.4226
2473	Ubiquitin carboxyl-terminal hydrolase	Uchl1	UCHL1 MOUSE	25 Kda	0	0	0	0	0	0	0	3	0	0	2	2	0	0	1	1		1.33				0.7972	0.4226	0.1835
2474	ER membrane protein complex subuni	Emc7	EMC7 MOUSE	26 Kda	3	4	4	0	1	0	0	3	2	1	1	4	0	2	1		0.09	0.67	0.55	4.00	0.0021	0.5813	0.2322	0.1012
2475	Proteasomal ubiquitin receptor ADRM	Adrm1	ADRM1 MOUSE	42 Kda	1	1	2	2	2	1	2	4	3	1	3	3	1	2	3	2	1.25	0.78	2.25	1.40	0.5185	0.4926	0.0824	0.4382
2476	Metaxin-1	Mtx1	MTX1 MOUSE	36 Kda	0	1	2	2	2	4	0	0	0	2	2	0	1	3	0	1	2.67		0.00	0.50	0.1332	0.1835	0.2254	0.2302
2477	Ubiquitin-like-conjugating enzyme ATG	Atg3	ATG3 MOUSE	36 Kda	4	3	3	4	3	4	0	2	5	1	2	1	3	4	3	1	1.10	0.40	1.00	0.36	0.5185	0.1394	1.0000	0.0078
2478	BAG family molecular chaperone regu	Bag1	BAG1 MOUSE	40 Kda	2	1	0	0	1	1	3	2	2	3	4	2	1	1	2	3	1.00	1.29	2.33	3.00	1.0000	0.3868	0.1336	0.0742
2479	Peptide-N(4)-(N-acetyl-beta-glucosam	Nglv1	NGLY1 MOUSE	74 Kda	2	1	0	1	0	0	1	0	0	0	0	1	1	0	0	0	0.33	1.00	0.33	1.00	0.3868	1.0000	0.3868	1.0000
2480	RNA-binding motif, single-stranded-int	Rbms1	RBMS1 MOUSE	44 Kda	1	1	1	1	1	1	6	7	5	3	1	4	1	1	6	3	1.00	0.44	6.00	2.67		0.0419	0.0131	0.1994
2481	Protein DD1 homolog 2	Ddi2	DDI2 MOUSE	45 Kda	1	1	2	0	0	1	1	7	8	2	4	3	1	0	5	3	0.25	0.56	4.00	9.00	0.1012	0.3990	0.2065	0.0248
2482	Ras-related protein R-Ras	Rras	RRAS MOUSE	24 Kda	2	2	2	2	0	1	4	3	1	4	3	4	2	1	3	4	0.50	1.38	1.33	3.67	0.2254	0.3785	0.5286	0.0248
2483	3-mercaptopyruvate sulfurtransferase	Mpst	THTM MOUSE	33 Kda	4	5	7	0	0	1	0	7	3	8	2	4	1	5	0	6	0.06	0.39	1.13	7.00	0.0193	0.1235	0.7291	0.1394
2484	Kinesin-like protein KIF3B	Kif3b	KIF3B MOUSE	85 Kda	0	0	2	0	0	0	1	0	1	3	1	1	1	0	1	2	0.00	2.50	1.00		0.4226	0.2739	1.0000	0.1296
2485	Activating signal cointegrator 1	Trip4	TRIP4 MOUSE	66 Kda	1	1	2	2	1	0	0	0	0	0	0	0	1	1	0	0	0.75		0.00	0.00	0.6495		0.0572	0.2254
2486	Golgin-45	Bloc1	GO45 MOUSE	46 Kda	3	6	5	5	4	3	1	0	0	0	0	0	5	4	0	0	0.86	0.00	0.07	0.00	0.5666	0.4226	0.0271	0.0202
2487	Serine/threonine-protein phosphatase	Ppp2r5c	2A5G MOUSE	61 Kda	2	0	0	0	0	0	0	0	1	1	0	2	1	0	0	2	0.00	2.50	1.00		0.4226	0.1012	1.0000	0.0377
2488	Phosphatidylinositol-glycan-specific pl	Gpld1	PHLD MOUSE	93 Kda	0	0	0	0	0	0	4	0	0	0	1	3	0	0	1	1		1.00				1.0000	0.4226	0.2697
2489	Complement component C1q receptor	Cd93	C1QR1 MOUSE	69 Kda	0	0	0	0	0	0	1	2	2	0	0	0	0	0	2	0		0.00				0.0377	0.0377	
2490	Cytoplasmic polyadenylation element-	Cpeb3	CPEB3 MOUSE	78 Kda	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.00		0.00		0.4226		0.4226	
2491	Carboxypeptidase N catalytic chain	Cpn1	CBPN MOUSE	52 Kda	0	0	0	0	0	0	4	5	2	0	0	1	0	0	4	0		0.09				0.0494	0.0533	0.4226
2492	Beta-hexosaminidase subunit alpha	Hexa	HEXA MOUSE	61 Kda	0	0	0	0	0	0	8	7	8	4	8	8	0	0	8	7		0.87				0.5351	0.0019	0.0377
2493	Signal peptidase complex subunit 1	Spcs1	SPCS1 MOUSE	18 Kda	9	6	2	5	6	3	2	2	1	0	1	0	6	5	2	0	0.82	0.20	0.29	0.07	0.6846	0.0474	0.1844	0.0271
2494	Developmentally-regulated GTP-bindir	Drg2	DRG2 MOUSE	41 Kda	8	5	4	5	2	6	1	1	3	3	2	1	6	4	2	2	0.76	1.20	0.29	0.46	0.4766	0.7250	0.0590	0.1823
2495	Inorganic pyrophosphatase 2, mitoch	Ppa2	IPYR2 MOUSE	38 Kda	1	1	1	1	2	1	1	2	2	3	5	4	1	1	2	4	1.33	2.40	1.67	3.00	0.4226	0.0357	0.1835	0.0248
2496	CTP synthase 2	Ctps2	PYRG2 MOUSE	65 Kda	1	1	0	2	0	1	1	0	0	1	0	1	1	1	0	1	1.50	2.00	0.50	0.67	0.6495	0.5185	0.5185	0.6495
2497	Sodium/potassium-transporting ATPase	Atp1b3	AT1B3 MOUSE	32 Kda	5	1	3	2	3	1	2	3	2	2	3	2	3	3	2	3	0.56	0.88	0.89	1.40	0.4141	0.6856	0.8178	0.5384
2498	Serine/threonine-protein phosphatase	Ppp1cc	PP1G MOUSE	37 Kda	2	1	2	1	2	2	3	2	2	3	4	3	2	2	2	3	1.00	1.43	1.40	2.00	1.0000	0.1012	0.2302	0.0241
2499	CCA tRNA nucleotidyltransferase 1, m	Trnt1	TRNT1 MOUSE	50 Kda	0	0	0	1	0	0	3	0	1	1	3	1	0	0	1	2		1.25		5.00	0.4226	0.7791	0.2697	0.1734
2500	Coronin-2A	Coro2a	COR2A MOUSE	60 Kda	0	0	0	0	0	0	0	0	0	5	10	5	0	0	0	7						0.0572		0.0572
2501	Nitrilase homolog 1	Nit1	NIT1 MOUSE	36 Kda	3	2	2	3	1	1	2	2	2	8	8	7	2	2	2	8	0.71	3.83	0.86	4.60	0.4382	0.0034	0.4226	0.0242
2502	Nucleoporin Nup43	Nup43	NUP43 MOUSE	42 Kda	5	5	5	4	1	3	1	5	4	5	6	6	4	5	3	5	0.53	1.07	1.00	2.00	0.1181	0.7250	1.0000	0.0782
2503	Gila maturation factor gamma	Gmfg	GMFG MOUSE	17 Kda	1	1	2	0	1	2	7	3	5	4	8	4	1	1	5	5	0.75	1.07	3.75	5.33	0.6495	0.8595	0.0766	0.0660
2504	Rho GTPase-activating protein 18	Arhgap18	RHG18 MOUSE	75 Kda	0	0	0	0	0	0	2	1	1	1	0	1	0	0	1	1		0.50				0.2302	0.0572	0.1835
2505	Bifunctional polynucleotide phosphata	Pnkp	PNKP MOUSE	57 Kda	0	1	0	1	0	0	2	3	2	3	5	2	0	0	2	3	1.00	1.43	7.00	10.00	1.0000	0.3785	0.0132	0.0621
2506	Cadherin-13	Cdh13	CAD13 MOUSE	78 Kda	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1		2.00				0.6856	0.4226	0.4226
2507	Protein AATF	Aatf	AATF MOUSE	59 Kda	3	2	2	1	0	1	1	0	1	0	0	0	2	1	0	0	0.29	0.00	0.14	0.00	0.0241	0.4226	0.0132	0.1835
2508	Prominin-1	Prom1	PROM1 MOUSE	97 Kda	0	0	0	0	0	0	0	1	0	3	3	2	0	0	0	3		8.00				0.0078	0.4226	0.0153
2509	Vacuolar protein sorting-associated pr	Vps45	VPS45 MOUSE	65 Kda	1	1	2	0	1	0	0	0	0	1	0	0	1	0	0	0	0.25		0.00	1.00	0.1012	0.4226	0.0572	1.0000
2510	Thrombospondin-2	Thbs2	TSP2 MOUSE	130 Kda	0	0	0	0	0	0	1	1	2	0	0	0	0	0	1	0		0.00				0.0572	0.0572	
2511	Prostaglandin G/H synthase 1	Ptgs1	PGH1 MOUSE	69 Kda	0	0	0	0	0	0	1	1	1	3	5	0	0	0	1	3		2.67				0.3701		0.2079
2512	DCC-interacting protein 13-alpha	Apx1	DP13A MOUSE	79 Kda	0	0	0	0	0	0	1	0	0	3	2	2	0	0	0	2						0.0198		0.0198
2513	Tyrosine-protein kinase CSK	Csk	CSK MOUSE	51 Kda	0	0	0	0	0	0	2	2	4	3	3	2	0	0	3	3		1.00				1.0000	0.0572	0.0153
2514	Engulfment and cell motility protein 1	Elmo1	ELMO1 MOUSE	84 Kda	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	1		1.00				1.0000	0.4226	0.4226
2515	Large neutral amino acids transporter	Slc7a5	LAT1 MOUSE	56 Kda	3	9	6	8	6	6	0	0	0	0	0	6	7	0	0	0	1.11		0.00	0.00	0.7468		0.0742	0.0099
2516	Ig gamma-2A chain C region secreted	1 SV	GCAB MOUSE	37 Kda	0	0	0	0	0	0	0	0	0	0	2	13	0	0	0	5						0.3416		0.3416
2517	Keratin, type II cuticular Hb2	Krt82	KRT82 MOUSE	57 Kda	0	8	0	0	0	0	8	23	0	0	0	0	3	0	8	0	0.00	0.00	2.88		0.4226	0.4226	0.5898	
2518	Synaptosomal-associated protein 23	Snap23	SNP23 MOUSE	23 Kda	2	2	2	0	1	0	5	3	3	5	2	2	0	0	4	3	0.17	0.82	1.83	9.00	0.0377	0.6127	0.1296	0.1047
2519	Calcium load-activated calcium chann	Tmco1	TMCO1 MOUSE	21 Kda	2	2	1	1	3	3	1	1	2	3	0	1	2	2	1	1	1.40	1.00	0.80	0.57	0.4382	1.0000	0.5185	0.4204
2520	Microsomal glutathione S-transferase	Mgst1	MGST1 MOUSE	18 Kda	0	0	0	0	0	0	4	6	5	6	3	4	0	0	5	4		0.87				0.5666	0.0131	0.0390
2521	Ras-related protein Rab-5A	Rab5a	RAB5A MOUSE	24 Kda	2	2	1	0	2	2	2	2	1	4	6	2	2	1	2	4	0.80	2.40	1.00	3.00	0.6856	0.1733	1.0000	0.1336
2522	Fucose mutarotase	Fuom	FUCM MOUSE	17 Kda	2	2	4	1	1	1	2	4	2	3	4	3	2	1	3	3	0.38	1.13	1.00	3.00	0.1296	0.7250	1.0000	0.0742
2523	Latexin	Lxn	LXN MOUSE	25 Kda	3	3	6	4	4	6	2	3	1	3	4	5	4	5	2	4	1.17	2.00	0.50	0.86	0.6127	0.0705	0.1759	0.4926
2524	Dual specificity protein phosphatase 3	Dusp3	DUS3 MOUSE	20 Kda	2	3	4	3	3	3	5	7	3	5	7	4	3	3	5	5	1.00	1.07	1.67	1.78	1.0000	0.8305	0.2209	0.1181
2525	MICOS complex subunit Mic25	Chchd6	MIC25 MOUSE	30 Kda	1	2	3

2584	Iodotyrosine deiodinase 1	Iyd	IYD1 MOUSE	33 kDa	1	1	2	4	2	2	0	0	0	0	0	0	1	3	0	0	2.00		0.00	0.00	0.1734		0.0572	0.0572
2585	E3 ubiquitin-protein ligase synoviolin	Syvn1	SYVN1 MOUSE	67 kDa	1	2	2	0	2	0	0	0	0	0	0	0	2	1	0	0	0.40		0.00	0.00	0.2739		0.0377	0.4226
2586	Thioredoxin-related transmembrane pr	Tmx1	TMX1 MOUSE	31 kDa	2	4	2	4	4	1	2	1	2	1	2	3	3	3	2	2	1.13	1.20	0.63	0.67	0.7972	0.6495	0.2739	0.4465
2587	ATP synthase protein 8	Mtatp8	ATP8 MOUSE	8 kDa	2	2	3	4	2	2	1	0	0	3	0	2	2	3	0	2	1.14	5.00	0.14	0.63	0.6856	0.2667	0.0132	0.4204
2588	THUMP domain-containing protein 1	Thumpd1	THUM1 MOUSE	39 kDa	0	0	1	0	1	0	2	0	2	3	1	3	0	0	1	2	1.00	1.75	4.00	7.00	1.0000	0.3486	0.2739	0.0765
2589	Glia maturation factor beta	Gmfb	GMFB MOUSE	17 kDa	0	1	1	0	0	2	3	0	2	4	3	3	5	1	3	4	1.00	1.22	4.50	5.50	1.0000	0.4926	0.0357	0.0335
2590	KH domain-containing, RNA-binding, s	Khdrbs3	KHDR3 MOUSE	39 kDa	0	0	0	0	0	0	0	0	1	2	0	1	0	0	0	1		3.00				0.3868	0.4226	0.2254
2591	Poly(ADP-ribose) glycohydrolase ARH	Adprhl2	ARHL2 MOUSE	39 kDa	0	0	0	0	0	0	2	0	1	1	1	0	0	1	1			1.00				1.0000	0.2254	
2592	Acetyl-coenzyme A synthetase 2-like,	Acss1	ACS2L MOUSE	75 kDa	0	1	0	1	0	0	0	0	0	1	3	1	0	0	0	2	1.00		0.00	5.00	1.0000	0.1296	0.4226	0.1734
2593	Glucose 1,6-bisphosphate synthase	Pgm2l1	PGM2L MOUSE	70 kDa	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	1						0.0572		0.0572
2594	Pyruvate dehydrogenase (acetyl-tran	Pdk3	PDK3 MOUSE	48 kDa	0	1	0	0	0	0	0	1	0	0	1	2	0	0	0	1	0.00	3.00	1.00		0.4226	0.3868	1.0000	0.2254
2595	FAD-linked sulfhydryl oxidase ALR	Gfer	ALR MOUSE	23 kDa	0	0	1	2	3	2	0	0	0	0	0	2	0	2	0	1	7.00		0.00	0.29	0.0132	0.4226	0.4226	0.1131
2596	Ras-related protein Rab-27A	Rab27a	RB27A MOUSE	25 kDa	1	4	4	1	5	3	0	0	2	9	7	8	3	3	1	8	1.00	12.00	0.22	2.67	1.0000	0.0012	0.1346	0.0316
2597	Prostaglandin E synthase 2	Ptges2	PGES2 MOUSE	43 kDa	3	1	3	2	3	1	1	1	1	2	4	1	2	2	1	2	0.86	2.33	0.43	1.17	0.7250	0.2697	0.1835	0.7700
2598	Astrocytic phosphoprotein PEA-15	Pea15	PEA15 MOUSE	15 kDa	1	0	1	0	0	0	5	4	3	4	3	6	1	0	4	4	0.00	1.08	6.00		0.1835	0.7700	0.0132	0.0390
2599	Protein FAM114A2	Fam114a2	F114A2 MOUSE	54 kDa	6	7	5	4	7	2	1	0	0	0	1	0	6	4	0	0	0.72	1.00	0.06	0.08	0.3748	1.0000	0.0022	0.1038
2600	Peroxisomal N(1)-acetyl-spermine/spe	Paox	PAOX MOUSE	55 kDa	1	1	2	1	0	1	1	0	2	3	2	1	1	1	2	2	0.50	2.00	0.75	3.00	0.2302	0.2879	0.6495	0.1336
2601	Glutaredoxin-related protein 5, mitoch	Glrx5	GLRX5 MOUSE	16 kDa	1	2	0	2	1	1	2	2	1	2	3	3	1	1	2	3	1.33	1.60	1.67	2.00	0.6495	0.1012	0.3868	0.0474
2602	Pyridoxine-5'-phosphate oxidase	Pnpo	PNPO MOUSE	30 kDa	2	2	2	3	1	1	2	1	5	2	3	2	2	2	3	2	0.83	0.88	1.33	1.40	0.6667	0.8113	0.6349	0.4382
2603	Inositol polyphosphate 1-phosphatase	Inpp1	INPP MOUSE	43 kDa	3	4	2	4	3	5	3	1	2	3	3	2	3	4	2	3	1.33	1.33	0.67	0.67	0.2879	0.3868	0.2879	0.1336
2604	Adaptin ear-binding coat-associated p	Necap2	NECP2 MOUSE	29 kDa	1	0	1	0	0	0	2	2	2	3	4	1	1	1	2	3	1.00	1.33	3.00	4.00	1.0000	0.5286	0.0572	0.1500
2605	Paralemmin-1	Palm	PALM MOUSE	42 kDa	0	0	0	0	0	0	2	3	1	2	2	0	0	2	2	2		1.00				1.0000	0.0742	
2606	Cysteine and histidine-rich domain-co	Chordc1	CHRD1 MOUSE	37 kDa	1	1	3	2	2	2	1	0	0	0	0	0	2	2	0	0	1.20	0.00	0.20	0.00	0.6667	0.4226	0.1734	
2607	39S ribosomal protein L23, mitochond	Mrpl23	RM23 MOUSE	17 kDa	2	2	2	4	0	2	2	3	3	3	1	2	2	2	3	2	1.00	0.75	1.33	1.00	1.0000	0.3868	0.1835	1.0000
2608	UBX domain-containing protein 6	Ubxn6	UBXN6 MOUSE	50 kDa	1	1	0	1	0	0	2	2	1	1	1	2	1	0	2	1	0.50	0.80	2.50	4.00	0.5185	0.5185	0.1012	0.1012
2609	Costars family protein ABRACL	Abracl	ABRAL MOUSE	9 kDa	3	5	3	5	4	4	6	6	5	7	5	4	4	5	6	3	1.18	1.06	1.45	1.31	0.4382	0.7415	0.1518	0.1734
2610	Translin-associated protein X	Tsnax	TSNAX MOUSE	33 kDa	0	2	1	2	1	0	4	2	3	5	5	3	1	1	3	4	1.00	1.44	3.00	4.33	1.0000	0.2065	0.0705	0.0202
2611	Corticosteroid 11-beta-dehydrogenase	Hsd11b1	DHI1 MOUSE	32 kDa	0	0	0	0	0	0	1	2	3	2	2	1	0	0	2	2		0.83				0.6495	0.0742	0.0377
2612	Cytosolic endo-beta-N-acetylglucosam	Enqase	ENASE MOUSE	83 kDa	0	0	0	0	0	1	1	0	2	2	0	1	0	0	1	1		1.00		3.00	0.4226	1.0000	0.2254	0.3868
2613	ER degradation-enhancing alpha-man	Edem1	EDEM1 MOUSE	74 kDa	0	0	0	0	1	2	0	0	0	0	0	0	0	1	0	0				0.00	0.2254			0.2254
2614	Cytochrome b-245 heavy chain	Cyba	CY24B MOUSE	65 kDa	0	0	0	0	0	0	0	0	3	1	2	0	0	0	2	1		0.50				0.2879	0.0742	0.2254
2615	39S ribosomal protein L15, mitochond	Mrpl15	RM15 MOUSE	34 kDa	0	3	1	2	0	0	1	0	2	3	3	0	1	1	1	2	0.50	2.00	0.75	3.00	0.5813	0.4465	0.7700	0.3379
2616	Multiple coagulation factor deficiency	Mcfd2	MCFD2 MOUSE	16 kDa	7	5	6	6	3	6	2	1	2	0	1	0	6	5	2	0	0.83	0.20	0.28	0.07	0.4465	0.0474	0.0061	0.0326
2617	Stromal membrane-associated protein	Smap1	SMAP1 MOUSE	48 kDa	2	2	3	3	3	1	6	1	1	1	2	1	2	2	3	1	1.00	0.50	1.14	0.57	1.0000	0.5096	0.8614	0.2739
2618	Mitotic checkpoint protein BUB3	Bub3	BUB3 MOUSE	37 kDa	1	1	0	0	1	1	6	2	5	5	5	3	1	1	4	4	1.00	1.00	6.50	6.50	1.0000	1.0000	0.0834	0.0169
2619	Cysteine-rich protein 1	Crip1	CRIP1 MOUSE	9 kDa	0	1	1	0	1	1	4	5	5	3	3	4	1	1	5	3	1.00	0.71	7.00	5.00	1.0000	0.0474	0.0013	0.0048
2620	Calcyclin-binding protein	Cacybp	CYBP MOUSE	26 kDa	2	3	3	1	0	1	4	2	1	4	3	3	5	3	1	2	0.25	1.57	0.88	5.50	0.0132	0.2988	0.7507	0.0286
2621	Proline-rich AKT1 substrate 1	Akt1s1	AKTS1 MOUSE	27 kDa	4	5	5	4	3	3	2	3	2	2	1	1	5	3	2	1	0.71	0.57	0.50	0.40	0.0474	0.1012	0.0078	0.0132
2622	RNA-binding protein 7	Rbm7	RBM7 MOUSE	30 kDa	2	4	3	1	1	1	2	2	1	1	1	1	3	1	2	1	0.33	0.60	0.56	1.00	0.0742	0.1835	0.1336	
2623	Coiled-coil domain-containing protein	Ccdc6	CCDC6 MOUSE	53 kDa	2	1	1	1	0	0	0	0	1	1	0	1	1	0	0	1	0.25	2.00	0.25	2.00	0.1012	0.5185	0.1012	0.5185
2624	A-kinase anchor protein 8	Akap8	AKAP8 MOUSE	76 kDa	1	1	0	0	1	1	1	1	0	0	2	0	1	1	1	1	1.00	1.00	1.00	1.00	1.0000	1.0000	1.0000	1.0000
2625	Peroxisomal acyl-coenzyme A oxidase	Acox3	ACOX3 MOUSE	78 kDa	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0		0.00				0.4226	0.4226	
2626	Aldose 1-epimerase	Galm	GALM MOUSE	38 kDa	2	0	0	1	1	2	3	4	4	8	7	10	1	1	4	8	2.00	2.27	5.50	6.25	0.4382	0.0228	0.0286	0.0085
2627	GTP-binding protein Rheb	Rheb	RHEB MOUSE	20 kDa	3	2	4	1	2	2	2	0	0	0	1	1	3	2	1	1	0.56	1.00	0.22	0.40	0.1336	1.0000	0.0584	0.1012
2628	Multimerin-2	Mmrn2	MMRN2 MOUSE	105 kDa	0	0	0	1	0	0	2	0	1	2	0	1	0	0	1	1		1.00		3.00	0.4226	1.0000	0.2254	0.3868
2629	Coiled-coil domain-containing protein	Ccdc90b	CC90B MOUSE	30 kDa	0	0	0	1	0	0	3	2	2	4	2	0	0	0	2	3		1.33		8.00	0.4226	0.4226		0.0535
2630	Tubulin polymerization-promoting prot	Tppp3	TPPP3 MOUSE	19 kDa	1	1	1	2	1	1	3	4	1	2	9	8	1	1	3	6	1.33	2.38	2.67	4.75	0.4226	0.2299	0.1994	0.1465
2631	Mitochondrial chaperone BCS1	Bcs1l	BCS1 MOUSE	47 kDa	2	1	0	1	2	2	1	1	0	1	1	0	1	2	1	1	1.67	1.00	0.67	0.40	0.3868	1.0000	0.6495	0.1012
2632	Coatomer subunit zeta-2	Copz2	COPZ2 MOUSE	23 kDa	2	2	4	1	4	5	1	1	3	1	1	1	3	3	2	1	1.25	0.60	0.63	0.30	0.6596	0.4226	0.3486	0.1917
2633	HCLS1-associated protein X-1	Hax1	HAX1 MOUSE	32 kDa	2	2	5	0	3	1	1	1	2	1	1	0	3	1	1	1	0.44	0.50	0.44	0.50	0.2804	0.2302	0.2322	0.5384
2634	Retinoid-inducible serine carboxypept	Scpep1	RISC MOUSE	51 kDa	2	5	1	1	1	0	6	3	4	7	3	3	3	1	4	4	0.25	1.00	1.63	6.50	0.2335	1.0000	0.3314	0.1030
2635	Beta-2-microglobulin	B2m	B2MG MOUSE	14 kDa	0	2	0	0	0	0	12	4	9	2	7	11	1	0	8	7	0.00	0.80	12.50		0.4226	0.6587	0.0718	0.1246
2636	Acidic leucine-rich nuclear phosphopr	Anp32e	AN32E MOUSE	30 kDa	1	1	3	2	2	4	7	4	7	6	8	3	2	3	6	6	1.60	0.94	3.60	2.13	0.3486	0.8604	0.0286	0.1635
2637	X-ray repair cross-complementing prot	Xrcc6	XRCC6 MOUSE	69 kDa	0	0	0	0	0	0	1	1	0	3	1	0	0	0	1	1		2.00				0.5384	0.1835	0.2697
2638	LIM and cysteine-rich domains protein	Lmcd1	LMCD1 MOUSE	41 kDa	0	0	0	0	0	0	4	4	1	5	4	1	0	0	3	3		1.11				0.8419	0.0955	0.1091
2639	Aldehyde dehydrogenase family 1 me	Aldh1a3	AL1A3 MOUSE	56 kDa	0	0	0	0	0	0	0	0	0	2	3	1	0	0	2	1		0.00				0.0826	0.4226	0.0742
2640	Receptor-type tyrosine-protein phosph	Ptpra	PTPRA MOUSE	94 kDa	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0		0.00				0.4226	0.4226	
2641	Eosinophil cationic protein 2	Ear2	ECP2 MOUSE	18 kDa	0	0	0	0	0	0	3	2	2	13	3	1	0	0	2	6		2.43				0.4642	0.0198	0.2664
2642	Septin-1	1-Sep	SEPT1 MOUSE	42 kDa	0	1	0	0	0	0	3	0	0	0	0	0	0	0	1	0	0.00	0.00	3.00		0.4226	0.4226	0.5813	
2643	Carboxypeptidase N subunit 2	Cpn2	CPN2 MOUSE	60 kDa	0	0	0	0	0	0	14	11	7	0	1	3	0	0	11	1		0.13				0.0292	0.0345	0.2697
2644	Ras-related protein Rab-8B	Rab8b	RABB MOUSE	24 kDa	2	0	1	1	1	1	3	3	3	3	4	2	1	1	2	3	1.00	1.29	2.33	3.00	1.0000	0.4926	0.2065	0.0742
2645	DDB1- and CUL4-associated factor 7	Dcaf7	DCAF7 MOUSE	39 kDa	3	1	3	1	1	1	0	0	3	0	3	1	2	1	1	1	0.43	1.33	0.43	1.33	0.1835	0.8151	0.3379	0.7418
2646	CCR4-NOT transcription complex sub	Cnot3	CNOT3 MOUSE	82 kDa	1	1	1	0	1	0	2	0	1	1	1	0	1	0	1	1	0.33	0.67	1.00	2.00	0.1835	0.6495	1.0000	0.5185
2647	Nuclear transport factor 2	Nutf2	NTF2 MOUSE	14 kDa	1	1	1	4	4	2	7	4	7	5	4	8	1	3	6	6	3.33	0.94	6.00	1.70	0.0728	0.8419	0.0377	0.1845
2648	Gamma-interferon-inducible lysosomal	Ifi30	GILT MOUSE	28 kDa	1	1	2	1	1	0	7	4	7	7	8	9	1	1	6	8	0.50	1.33	4.50	12.00	0.2302	0.1759	0.0336	0.0012
2649	Peroxisomal acyl-coenzyme A oxidase	Acox1	ACOX1 MOUSE	75 kDa	0	0	0	0	0	0	0	0	4	4	2	0	0	0	2	3		1.43				0.5176	0.1917	0.0377
2650	Caspase-6	Casp6	CASP6 MOUSE	32 kDa	0	0	0	0	0	0	5	5	2	6	4	5	0	0	4	5		1.25				0.4465	0.0572	0.0131
2651	Syntaxin-binding protein 1	Stxbp1	STXB1 MOUSE	68 kDa	0	0	0	0	0	0	1	1	0	1	1	2	0	0	1	1		2.00				0.2302	0.1835	0.0572
2652	Death-associated protein 1	Dap	DAP1 MOUSE	11 kDa	2	5	5	3	3	4	1	0	0	0	0	0	4	3	0	0	0.83	0.00	0.08	0.00	0.5813	0.4226	0.0551	0.0099
2653	ATP-dependent RNA helicase DDX50	Ddx50	DDX50 MOUSE	82 kDa	0	0	0	0	0	0	2	0	1	0	0	0	0	0	1	0		0.00				0.2254	0.2254	
2654	Serine/threonine-protein kinase 38	Stk38	STK38 MOUSE	54 kDa	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0.00		0.00		0.4226		0.4226	
2655	Transcriptional coactivator YAP1	Yap1	YAP1 MOUSE	52 kDa	0	0	0	0	0	0	4	1	0	2	2	0	0	0	2	1		0.80				0.8234	0.2999	0.1835
2656	Phospholipase D4	Pld4	PLD4 MOUSE	56 kDa	0	0	0	0	0	0	5	2	4	1	2	3	0	0	4	2		0.55				0.2002	0.0533	0.0742
2657	TOX high mobility group box family me	Tox4	TOX4 MOUSE	66 kDa	0	1	0	0	0	0	2	2	1	0	0	0	0	0	2	0	0.00	0.00	5.00		0.4226	0.0377	0.0474	
2658	Protein-arginine deiminase type-4	Padi4	PADI4 MOUSE	74 kDa	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	2						0.3206		0.3206
2659	Guanylate-binding protein 1	Gbp1	GBP1 MOUSE	68 kDa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0.00				0.4226	0.4226	
2660	Mitochondrial-processing peptidase su	Pmpca	MPPA MOUSE	58 kDa	4	2	2	2	2	1	1	3	3	3	2	3	3	2	2	3	0.63	1.14	0.88	1.60	0.2739	0.6856	0.7415	0.1012
2661	UBX domain-containing protein 4	Ubxn4	UBXN4 MOUSE	56 kDa	5	5	4	4	3	2	2	2	4	2	1	1	5	3	3	1	0.64	0.50	0.57	0.44	0.0824	0.1734	0.0765	0.0824
2662	Protein dpy-30 homolog	Dpy30	DPY30 MOUSE	11 kDa	2	2	2	2	2	2	7	4	8	7	9	6	2	2	6	7	1.00	1.16	3.17	3.67		0.5422	0.0691	0.0263
2663	Histone-lysine N-methyltransferase se	Setd3	SETD3 MOUSE	67 kDa	1	1	0	2	1	1	1	1	1	3	2	1	1	2	1	2	0.50	2.00	1.50	1.20	0.1012	0.2254	0.4226	0.6495
2664	COP9 signalosome complex subunit 8	Csn8	CSN8 MOUSE	23 kDa	3	2	0	2	2	2	3	3	3	1	3	4	2	2	2	3	1.20	1.43	1.40	1.67	0.7418	0.2739	0.5813	0.0572
2665	Acylphosphatase-1	Acyp1	ACYP1 MOUSE	11 kDa	4	3	1	5	3	3	0	0	1	4	3	4	3	4	1	4	1.38	5.50	0.25	1.00	0.4204	0.0031	0.1394	1.0000
2666	Lysophospholipid acyltransferase 5	Lpcat3	MBOA5 MOUSE	56 kDa	2	1	0	2	1	1	0	1	1	2	0	1	1	1	1	1	1.33	1.50	0.67	0.75	0.6495	0.6495	0.6495	0.6495
2667	Isoaspartyl peptidase/L-asparaginase	Asrgl1	ASGL1 MOUSE	34 kDa	1	0	1	0	0	0	2	0	0	1	0	0	1	0	1	0	0.00	0.50	1.00		0.1835	0.6856	1.0000	0.4226
2668	Phosphatidylinositol transfer protein b	Pitpnb	PIPNB MOUSE	31 kDa	3	3	2	0	3	1	0	0	1	2	1	0	3	1	0	1	0.50	3.00	0.13	0.75	0.2667	0.3868	0.0076	0.7700
2669	Calcium/calmodulin-dependent protein	Camk1	KCC1A MOUSE	42 kDa	0	0	0	0	0	0	0	0	1	2	1	1	0	0	2	1		0.80		4.00	0.4226	0.5185	0.0377	0.1012
2670	Complement C1q tumor necrosis facto	C1qtnf5	C1QT5 MOUSE	25 kDa	0	0	0	0	0	0	1	2	1	0	2	1	0	0	1	1		0.75				0.6495	0.0572	0.2254
2671	Voltage-dependent calcium channel su	Cacna2d1	CA2D1 MOUSE	125 kDa	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	1						0.0572		0.0572
2672	Microfibrillar-associated protein 1	Mfap1	MFAP1 MOUSE	52 kDa	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0		0.00				0.4226	0.4226	
2673	Retinol dehydrogenase 11	Rdh11	RDH11 MOUSE	35 kDa	1	0	0	3	0	3	0	0	0	0	0	0	0	2	0	0	6.00		0.00	0.00	0.2322		0.4226	0.1835
2674	Prominin-2	Prom2	PROM2 MOUSE	93 kDa	0	0	0	5	3	6	0	0	0	0	0	0	5	0	0	0				0.00	0.0335	6		0.0335
2675	Fructosamine-3-kinase	Fn3k	FN3K MOUSE	35 kDa	0	2	0	1	1	1	0	0	0	0	0	1	1	0	0	0	1.50		0.00	0.00	0.6667		0.4226	
2676	Alpha-1-acid glycoprotein 1	Orm1	A1AG1 MOUSE	24 kDa	0	0	0	0	0	0	8	8	9	3	2	2	0	0	8	2		0.28				0.0002	0.0016	0.0198
2677	Protein FAM160B1	Fam160b1	F16B1 MOUSE	86 kDa	0	0	0	1	0	0	2	0	0	0	0	0	0	0	1	0		0.00		0.00	0.4226	0.4226	0.4226	0.4226
2678	ADP-ribosylation factor-related protein	Arfrp1	ARFRP MOUSE	23 kDa	0	0	0	3	3	0	0	0	1	0	0	0	0	2	0	0		0.00		0.00	0.1835	0.4226	0.4226	0.1835
2679	N-acetylgalactosamine-6-sulfatase	Galns	GALNS MOUSE	58 kDa	0	0	0	0	0	0	1	0	0	2	2	0	0	0	1	1		4.00				0.2739	0.4226	0.1835
2680	CD44 antigen	Cd44	CD44 MOUSE	86 kDa	0	0	0	0	0	0	5	3	8	4	3	3	0	0	5	3		0.63				0.3009	0.0669	0.0099
2681	cAMP-dependent protein kinase type	Prkar2b	KAP3 MOUSE	46 kDa	4	0	6	0	0	0	5	3	3	3	3	2	3	0	4	3	0.00	0.73	1.10		0.1994	0.2739	0.8727	0.0153
2682	E3 ubiquitin-protein ligase KCMF1	Kcmf1	KCMF1 MOUSE	42 kDa	4	4	4	3	2	1	2	2	4	2	3	2	4	2	3	2	0.50	0.88	0.67	1.17	0.0742	0.6856	0.1835	0.6495
2683	NADH dehydrogenase [ubiquinone] 1	Ndufb11	NDUBB MOUSE	17 kDa	6	3	2	2	3	0	1	1	1	1	0	0	4	2	1	0	0.45	0.33	0.27	0.20	0.2567	0.1835	0.1567	0.2667
2684	Methylthioribulose-1-phosphate dehyd	Apip	MTNB MOUSE	27 kDa	1	1	1	2	2	0	2	2	1	2	1	1	2	1	0	3	1.67	1.00	1.33	0.80	0.1835	1.0000	0.6667	0.5185
2685	Cytochrome P450 2E1	Cyp2e1	CP2E1 MOUSE	57 kDa	0	0	0	0	0	0	0	3	0	0	1	0	0	0	1	0		0.33				0.5813	0.4226	0.4226
2686	DENN domain-containing protein 2D	Dennd2d	DEN2D MOUSE	53 kDa	2	2	2	0	2	1	0	0	0	0	0	0	2	1	0	0	0.50		0.00	0.00

2746	CCR4-NOT transcription complex sub	Cnot2	CNOT2_MOUSE	60 kDa	2	2	1	1	1	0	1	0	1	0	1	0	2	1	1	0	0.40	0.50	0.40	0.50	0.1012	0.5185	0.1012	0.5185
2747	CUGBP Elav-like family member 2	Celf2	CELF2_MOUSE	54 kDa	0	1	0	0	0	0	5	2	3	2	4	2	0	0	3	3	0.00	0.80	10.00		0.4226	0.5813	0.0621	0.0572
2748	Nuclear cap-binding protein subunit 1	Ncbp1	NCBP1_MOUSE	92 kDa	0	0	0	0	0	0	1	0	1	0	2	1	0	0	1	1		1.50				0.6495	0.1835	0.2254
2749	Interferon-induced transmembrane prc	Ifitm3	IFM3_MOUSE	15 kDa	0	0	1	0	0	1	1	4	3	1	2	3	0	0	3	2	1.00	0.75	8.00	6.00	1.0000	0.5666	0.1042	0.0824
2750	Complement C1q subcomponent subu	C1qa	C1QA_MOUSE	26 kDa	0	0	0	0	0	0	4	4	3	2	2	1	0	0	4	2		0.45				0.0133	0.0082	0.0371
2751	Striatin-3	Strn3	STRN3_MOUSE	87 kDa	2	2	1	0	0	0	1	0	1	0	1	2	2	0	1	1	0.00	1.50	0.40		0.0377	0.6495	0.1012	0.2254
2752	Syntaxin-7	Stx7	STX7_MOUSE	30 kDa	0	0	0	0	1	0	5	5	7	8	9	7	0	0	6	8		1.41		24.00	0.4226	0.0584	0.0136	0.0010
2753	Cysteine and glycine-rich protein 2	Csrp2	CSRP2_MOUSE	21 kDa	0	0	0	0	0	0	4	13	8	2	1	1	0	0	8	1		0.16				0.1127	0.0853	0.0572
2754	Monoacylglycerol lipase ABHD12	Abhd12	ABD12_MOUSE	45 kDa	0	0	0	0	0	0	3	3	2	1	1	2	0	0	3	1		0.50				0.0474	0.0153	0.0572
2755	Inhibitor of nuclear factor kappa-B kina	Ikbip	IKIP_MOUSE	43 kDa	0	0	0	0	0	0	2	2	0	5	2	0	0	0	1	2		1.75				0.5788	0.1835	0.2495
2756	Ras-related protein Rab-35	Rab35	RAB35_MOUSE	23 kDa	0	0	0	0	0	0	1	3	2	4	1	4	4	0	3	3		1.00				1.0000	0.0351	0.0955
2757	Neuropilin-1	Nrp1	NRP1_MOUSE	103 kDa	0	0	0	0	0	0	2	1	2	0	0	0	0	0	2	0		0.00				0.0377	0.0377	
2758	Procollagen C-endopeptidase enhanc	Pcolce	PCOC1_MOUSE	50 kDa	0	0	0	0	0	0	1	0	2	1	0	1	0	0	1	1		0.67				0.6495	0.2254	0.1835
2759	Adenylosuccinate synthetase isozyme	Adssl1	PURA1_MOUSE	50 kDa	0	0	0	0	0	0	3	0	1	2	0	0	0	0	1	1		0.50				0.5813	0.2697	0.4226
2760	Creatine kinase M-type	Ckm	KCRM_MOUSE	43 kDa	0	0	0	0	0	0	0	1	0	0	5	0	0	0	0	2		5.00				0.5096	0.4226	0.4226
2761	Ferritin family homolog 1	Ferm1	FERM1_MOUSE	77 kDa	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	1						0.2697		0.2697
2762	Protein Z-dependent protease inhibitor	Serpina10	ZPI_MOUSE	52 kDa	0	0	0	0	0	0	2	7	7	0	0	0	0	0	5	0		0.00				0.0853	0.0853	
2763	Cleavage and polyadenylation specific	Cpsf4	CPSF4_MOUSE	24 kDa	0	0	0	0	0	0	2	0	2	0	1	0	0	0	1	0		0.25				0.2739	0.1835	0.4226
2764	Intraflagellar transport protein 20 homi	Ift20	IFT20_MOUSE	15 kDa	4	5	3	7	3	3	1	1	1	0	0	0	4	4	1	0	1.08	0.00	0.25	0.00	0.8347		0.0351	0.0831
2765	Guanine nucleotide-binding protein su	Gna11	GNA11_MOUSE	42 kDa	1	1	0	1	2	2	4	3	5	4	4	3	1	2	4	4	2.50	0.92	6.00	2.20	0.1012	0.6495	0.0132	0.0132
2766	Methionine adenosyltransferase 2 sub	Mat2b	MAT2B_MOUSE	37 kDa	3	3	3	3	3	2	2	0	5	2	1	4	3	3	3	2	0.89	2.00	0.56	1.25	0.4226	0.0241	0.0572	0.2302
2767	FAS-associated death domain protein	Fadd	FADD_MOUSE	23 kDa	2	0	1	1	1	2	4	2	3	1	4	2	1	1	3	2	1.33	0.78	3.00	1.75	0.6495	0.5666	0.0705	0.3785
2768	Na(+)/H(+) exchange regulatory cofac	Slc9a3r2	NHRF2_MOUSE	37 kDa	0	1	2	1	2	1	0	2	0	1	0	0	1	1	1	0	1.33	0.50	0.67	0.25	0.6495	0.6856	0.7250	0.1012
2769	Transcription elongation factor B polyp	Tceb1	ELOC_MOUSE	12 kDa	2	0	2	4	5	2	4	3	2	4	4	4	1	4	3	4	2.75	1.33	2.25	1.09	0.1076	0.2254	0.1332	0.7418
2770	Transcription factor A, mitochondrial	Tfam	TFAM_MOUSE	28 kDa	2	1	0	1	1	1	2	1	1	2	2	0	1	1	1	1	1.00	1.00	1.33	1.33	1.0000	1.0000	0.6495	0.6667
2771	MAP kinase-interacting serine/threoni	Mknk1	MKNK1_MOUSE	48 kDa	2	3	3	4	4	2	0	1	0	0	0	3	3	1	1	1	1.25	0.00	0.25	0.00	0.4382	0.1835	0.0132	0.0377
2772	Methionine aminopeptidase 1	Metap1	MAP11_MOUSE	43 kDa	3	4	5	4	5	4	0	1	4	2	0	1	4	4	2	1	1.08	0.60	0.42	0.23	0.6495	0.6528	0.1823	0.0132
2773	Fatty-acid amide hydrolase 1	Faah	FAAH1_MOUSE	63 kDa	0	1	0	2	3	1	0	0	0	0	0	1	0	2	0	0	6.00		0.00	0.17	0.0824	0.4226	0.4226	0.0824
2774	Chloride intracellular channel protein 6	Clic6	CLIC6_MOUSE	63 kDa	0	0	0	0	0	0	0	0	0	3	2	1	0	0	0	2						0.0742		0.0742
2775	CD209 antigen-like protein B	Cd209b	C209B_MOUSE	37 kDa	0	0	0	0	0	0	2	1	1	0	1	0	0	0	1	0		0.25				0.1012	0.0572	0.4226
2776	High mobility group protein B3	Hmgb3	HMGB3_MOUSE	23 kDa	0	0	0	0	0	0	1	0	4	2	2	1	0	0	2	2		1.00				1.0000	0.2999	0.0377
2777	Synaptosomal-associated protein 47	Snap47	SNP47_MOUSE	47 kDa	2	2	4	0	0	0	0	0	0	2	0	0	3	0	0	1	0.00		0.00		0.0572	0.4226	0.0572	0.4226
2778	Schlafen family member 5	Slfn5	SLFN5_MOUSE	101 kDa	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0		0.00				0.4226	0.4226	
2779	N-acylethanolamine-hydrolyzing acid a	Naaa	NAAA_MOUSE	40 kDa	0	0	0	0	0	0	4	4	4	1	7	6	0	0	4	5		1.17				0.7538		0.1284
2780	Regenerating islet-derived protein 3-al	Reg3a	REG3A_MOUSE	20 kDa	0	0	0	0	0	0	13	11	12	0	0	0	0	0	12	0		0.00				0.0023	0.0023	
2781	Dynactin subunit 3	Dctn3	DCTN3_MOUSE	21 kDa	2	5	2	3	0	2	2	3	2	2	1	1	3	2	2	1	0.56	0.57	0.78	0.80	0.3747	0.1012	0.5813	0.7507
2782	Methyl-CpG-binding domain protein 3	Mbd3	MBD3_MOUSE	32 kDa	1	1	1	1	1	2	2	2	1	2	1	2	1	1	2	2	1.33	1.00	1.67	1.25	0.4226	1.0000	0.1835	0.5185
2783	Immunoglobulin-binding protein 1	Igbp1	IGBP1_MOUSE	39 kDa	2	1	2	1	1	1	1	2	1	2	4	1	2	1	1	2	0.60	1.75	0.80	2.33	0.1835	0.3785	0.5185	0.2697
2784	Band 4.1-like protein 5	Epb41l5	E41L5_MOUSE	82 kDa	1	1	2	1	3	0	0	0	1	1	0	1	1	1	0	1	1.00	2.00	0.25	0.50	1.0000	0.5185	0.1012	0.5384
2785	Prefoldin subunit 3	Vbp1	PFD3_MOUSE	22 kDa	3	3	4	2	1	2	4	5	1	4	3	1	3	2	3	3	0.50	0.80	1.00	1.60	0.0241	0.6798	1.0000	0.3785
2786	Guanylate kinase	Guk1	KGUA_MOUSE	22 kDa	1	0	0	3	2	1	2	2	0	2	1	2	0	2	1	2	6.00	1.25	4.00	0.83	0.0824	0.6856	0.2739	0.6495
2787	39S ribosomal protein L21, mitochond	Mrpl21	RM21_MOUSE	23 kDa	1	1	1	0	0	1	3	1	3	2	3	2	1	0	2	2	0.33	1.00	2.33	7.00	0.1835	1.0000	0.1835	0.0132
2788	Translin	Tsn	TSN_MOUSE	26 kDa	3	3	3	1	1	1	3	3	2	3	6	4	3	1	3	4	0.33	1.63	0.89	4.33		0.1908	0.4226	0.0634
2789	V-type proton ATPase subunit G 1	Atp6v1g1	VATG1_MOUSE	14 kDa	1	4	3	4	2	2	4	4	5	3	3	4	3	3	4	3	1.00	0.77	1.63	1.25	1.0000	0.1012	0.1908	0.4382
2790	Mitochondrial peptide methionine sulf	Msra	MSRA_MOUSE	26 kDa	1	6	3	3	5	5	1	0	1	2	1	2	3	4	1	2	1.30	2.50	0.20	0.38	0.5788	0.1012	0.2034	0.0386
2791	Nuclear pore complex protein Nup50	Nup50	NUP50_MOUSE	49 kDa	1	1	0	1	0	2	4	1	2	0	0	0	1	1	2	0	1.50	0.00	3.50	0.00	0.6495	0.1181	0.1908	0.2254
2792	Neutrophil cytosol factor 4	Ncf4	NCF4_MOUSE	39 kDa	0	0	0	0	0	0	2	0	3	0	1	0	0	0	2	0		0.20				0.2667	0.1994	0.4226
2793	Pleckstrin homology domain-containin	Plekhf1	PKHF1_MOUSE	31 kDa	1	0	0	2	0	0	0	0	1	1	0	0	0	1	0	0	2.00	1.00	1.00	0.50	0.6856	1.0000	1.0000	0.6856
2794	ATP-dependent RNA helicase DDX39,	Ddx39a	DX39A_MOUSE	49 kDa	2	2	2	0	1	0	1	0	2	0	2	0	2	0	1	1	0.17	0.67	0.50	2.00	0.0377	0.7250	0.2254	0.6856
2795	Double-strand-break repair protein rac	Rad21	RAD21_MOUSE	72 kDa	0	0	0	0	0	0	2	1	2	4	1	3	0	0	2	3		1.60				0.3785	0.0377	0.0942
2796	C-type lectin domain family 11 membe	Clec11a	CLC11_MOUSE	36 kDa	0	0	0	0	0	0	0	0	1	3	0	2	0	0	1	2		2.50				0.3785	0.1835	0.1994
2797	Plasma kallikrein	Klkb1	KLKB1_MOUSE	71 kDa	0	0	0	0	0	0	6	6	1	0	0	1	0	0	4	0		0.08				0.1335	0.1215	0.4226
2798	IgG receptor FcRn large subunit p51	Fcgrt	FCGRN_MOUSE	40 kDa	0	0	0	0	0	0	4	5	1	2	0	2	0	0	3	1		0.40				0.2381	0.1091	0.1835
2799	Protein-lysine 6-oxidase	Lox	LYOX_MOUSE	47 kDa	0	0	0	0	0	0	3	4	4	1	0	0	0	0	4	0		0.09				0.0021	0.0082	0.4226
2800	Coxsackievirus and adenovirus recept	Cxadr	CXAR_MOUSE	40 kDa	0	0	1	0	0	0	0	0	0	3	3	1	0	0	0	2	0.00		0.00		0.4226	0.0728	0.4226	0.0728
2801	Nuclear factor 1 C-type	Nfic	NFIC_MOUSE	49 kDa	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	2	0.00		0.00		0.4226		0.4226	
2802	Ephrin type-B receptor 2	Ephb2	EPHB2_MOUSE	110 kDa	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	2						0.1835		0.1835
2803	60S ribosomal protein L7-like 1	Rpl7l1	RL7L_MOUSE	29 kDa	1	1	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0.00		0.00		0.0572		0.0572	
2804	Mast cell protease 4	Mcpt4	MCPT4_MOUSE	27 kDa	0	0	0	0	0	0	0	0	0	2	4	9	0	0	0	5						0.1383		0.1383
2805	Acylglycerol kinase, mitochondrial	Agk	AGK_MOUSE	47 kDa	1	1	0	1	1	1	2	2	4	1	1	3	1	1	3	2	1.50	0.63	4.00	1.67	0.4226	0.3486	0.0765	0.4226
2806	Protein S100-A4	S100a4	S10A4_MOUSE	12 kDa	1	1	2	1	0	0	3	1	4	5	4	1	0	0	4	4	0.25	1.08	3.00	13.00	0.1012	0.6495	0.0248	0.0011
2807	5-hydroxyisourate hydrolase	Urah	HIUH_MOUSE	14 kDa	2	1	2	3	5	3	1	2	1	3	2	1	2	4	1	3	2.20	2.00	0.80	0.73	0.0765	0.0474	0.5185	0.2739
2808	ATP-dependent 6-phosphofructokinas	Pfkm	PFKAM_MOUSE	85 kDa	1	0	1	2	1	0	1	0	0	2	0	1	1	0	1	1	2.00	2.00	0.50	0.50	0.2302	0.6856	0.5185	0.4382
2809	Guanine nucleotide-binding protein G(	Gnq5	GBG5_MOUSE	7 kDa	1	0	1	1	0	2	2	3	3	3	2	4	1	1	3	3	1.50	1.13	4.00	3.00	0.6495	0.6495	0.0132	0.0705
2810	Complement component 1 Q subcomp	C1qbp	C1QBP_MOUSE	31 kDa	1	2	4	1	0	2	2	1	1	1	0	0	2	1	1	0	0.43	0.25	0.57	0.33	0.2846	0.1012	0.3785	0.3868
2811	Nmrk-like family domain-containing p	Nmrkl1	NMRL1_MOUSE	34 kDa	2	2	1	2	1	2	1	1	3	1	1	2	1	2	1	2	0.80	0.50	1.20	0.75	0.5185	0.2254	0.6495	0.4226
2812	Eukaryotic translation initiation factor	Eif4e2	IF4E2_MOUSE	28 kDa	3	3	1	4	1	1	4	1	2	0	2	0	2	2	2	1	0.86	0.29	1.00	0.33	0.7972	0.2113	1.0000	0.3379
2813	GTPase NRas	Nras	RASN_MOUSE	21 kDa	0	1	0	1	1	0	3	2	1	1	3	3	0	1	2	2	2.00	1.17	6.00	3.50	0.5185	0.7250	0.0824	0.1131
2814	ADP-ribosylation factor-like protein 8B	Arl8b	ARL8B_MOUSE	22 kDa	2	4	1	2	2	3	5	3	6	4	4	3	2	2	5	4	1.00	0.79	2.00	1.57	1.0000	0.3785	0.1347	0.0474
2815	NF-kappa-B essential modulator	Ikbkg	NEMO_MOUSE	48 kDa	2	1	1	1	0	0	5	2	3	2	3	2	1	0	3	2	0.25	0.70	2.50	7.00	0.1012	0.3785	0.1394	0.0132
2816	NEDD8	Nedd8	NEDD8_MOUSE	9 kDa	2	3	3	3	0	2	1	3	3	3	4	6	3	2	3	4	0.63	1.63	1.00	2.60	0.3785	0.1908	1.0000	0.0993
2817	Methylosome subunit pICln	Clns1a	ICLN_MOUSE	26 kDa	2	4	0	1	0	1	0	0	2	1	1	0	2	1	1	1	0.33	1.00	0.33	1.00	0.3685	1.0000	0.3868	1.0000
2818	Calpain-13	Capn13	CAN13_MOUSE	76 kDa	0	0	0	0	0	0	0	0	0	1	2	6	0	0	0	3						0.1885		0.1885
2819	NADH dehydrogenase [ubiquinone] 1	Ndufb8	NDUB8_MOUSE	22 kDa	3	2	6	2	4	5	0	0	0	0	0	0	4	4	0	0	1.00		0.00	0.00	1.0000		0.0927	0.0533
2820	Ribosome production factor 2 homolo	Rpf2	RPF2_MOUSE	35 kDa	2	3	4	0	0	0	0	0	1	0	0	0	3	0	0	0	0.00	0.00	0.11		0.0351	0.4226	0.0248	
2821	Isopentenyl-diphosphate Delta-isomer	Idi1	IDI1_MOUSE	26 kDa	0	0	0	0	0	0	2	2	1	3	4	6	0	0	2	4		2.60				0.0797		0.0377	0.0390
2822	Proline-rich acidic protein 1	Prap1	PRAP1_MOUSE	17 kDa	0	0	0	0	0	0	0	0	0	5	11	7	0	0	0	8						0.0491		0.0491
2823	5-demethoxyubiquinone hydroxylase,	Coq7	COQ7_MOUSE	24 kDa	2	1	1	1	3	1	0	0	0	0	0	0	1	2	0	0	1.25		0.00	0.00	0.6856		0.0572	0.1296
2824	Keratin, type I cuticular Ha5	Krt35	KRT35_MOUSE	51 kDa	0	3	0	0	0	0	0	7	0	0	0	0	1	0	2	0	0.00	0.00	2.33		0.4226	0.4226	0.6393	
2825	Microsomal glutathione S-transferase	Mgst3	MGST3_MOUSE	17 kDa	0	0	0	0	0	0	2	3	3	5	3	8	0	0	3	5		2.00				0.2034	0.0153	0.0669
2826	Carbonyl reductase family member 4	Cbr4	CBR4_MOUSE	25 kDa	2	2	2	2	2	1	1	1	0	1	0	0	2	2	0	1	1.00	0.00	0.17	0.33		0.5185	0.0377	0.0572
2827	MMS19 nucleotide excision repair prot	Mms19	MMS19_MOUSE	113 kDa	0	1	1	1	0	1	2	1	1	1	1	1	1	1	1	1	1.00	0.75	2.00	1.50	1.0000	0.4226	0.2302	0.4226
2828	Tubulin-specific chaperone A	Tbca	TBCA_MOUSE	13 kDa	2	2	3	2	2	1	3	3	2	2	2	3	2	2	3	2	0.71	0.88	1.14	1.40	0.2302	0.5185	0.5185	0.2302
2829	39S ribosomal protein L41, mitochond	Mrpl41	RM41_MOUSE	15 kDa	1	1	0	2	0	2	4	3	4	4	4	2	1	1	4	3	2.00	0.91	5.50	2.50	0.4382	0.6856	0.0031	0.1012
2830	39S ribosomal protein L24, mitochond	Mrpl24	RM24_MOUSE	25 kDa	0	1	1	0	0	1	2	0	2	4	4	0	1	0	2	3	0.50	1.60	2.50	8.00	0.5185	0.5351	0.1012	0.2177
2831	Keratin, type II cytoskeletal 80	Krt80	K2C80_MOUSE	58 kDa	0	1	0	0	0	0	0	5	1	1	0	0	1	1	0	1	4.00		1.00	0.50	0.3785	0.1835	0.4226	0.5384
2832	Protein Dr1	Dr1	NC2B_MOUSE	19 kDa	0	1	1	0	0	0	2	1	3	3	2	1	0	2	2	0	0.00	1.17	3.00		0.1835	0.6495	0.1336	0.0198
2833	Dehydrogenase/reductase SDR family	Dhrs4	DHRS4_MOUSE	30 kDa	3	3	0	2	0	0	1	1	3	0	0	3	2	1	2	1	0.33	0.60	0.83	1.50	0.3379	0.6127	0.7972	0.7972
2834	Ras-related protein Ral-B	Ralb	RALB_MOUSE	23 kDa	0	0	0	0	1	2	2	0	3	5	3	6	0	1	2	5		2.80		4.67	0.2254	0.0739	0.1994	0.0322
2835	Adaptin ear-binding coat-associated p	Necap1	NECP1_MOUSE	30 kDa	1	1	0	1	4	1	0	0	0	0	0	0	1	2	0	0	3.00		0.00	0.00	0.3133		0.1835	0.1835
2836	Evolutionarily conserved signaling inte	Ecsit	ECSIT_MOUSE	50 kDa	2	1	1	0	0	0	1	1	0	1	1	0	1	0	1	1	0.00	1.00	0.50		0.0572	1.0000	0.2302	0.1835
2837	Golgi reassembly-stacking protein 1	Gorasp1	GORS1_MOUSE	47 kDa	3	3	3	4	0	0	0	0	1	0	0	0	3	1	0	0	0.44	0.00	0.11	0.00	0.3377	0.4226	0.0153	0.4226
2838	Heparin cofactor 2	Serpind1	HEP2_MOUSE	54 kDa	0	0	0	0	0	0	3	3	2	0	0	2	0	0	3	1		0.25				0.0765	0.0153	0.4226
2839	Mothers against decapentaplegic hom	Smad2	SMAD2_MOUSE	52 kDa	0	0	0	0	1	0	0	0	0	2	1	0	0	0	0	1				3.00	0.4226	0.2254		0.3868
2840	Alpha-1-antitrypsin 1-5	Serpina1e	A1AT5_MOUSE	46 kDa	0	10	6	0	0	8	0	0	0	0	3	2	5	3	0	2	0.50		0.00	0.63	0.5363	0.1994	0.2079	0.7504
2841	Ketohexokinase	Khk	KHK_MOUSE	33 kDa	3	1	0	2	3	1	0	0	0	0	1	0	2	2	0	0	1.25		0.00	0.00	0.8025		0.2697	0.1994
2842	Copper homeostasis protein cutC hom	Cutc	CUTC_MOUSE	29 kDa	0	0	0	0	0	0	1	0	1	5	5	3	0	0	1	4		6.50				0.0169	0.1835	0.0229
2843	Phosphatidylinositol 3-kinase regulato	Pik3r1	P85A_MOUSE	84 kDa	0	0	0	0	1	0	2	0	0	0	0	0	0	0	1	0		0.00		0.00	0.4226	0.4226	0.4226	0.4226
2844	Cytochrome P450 4B1	Cyp4b1	CP4B1_MOUSE	59 kDa	0	0	0	0	0	0	3	1	2	0	0	0	0	0	2	0		0.00				0.0742	0.0742	
2845	Prolyl 3-hydroxylase 3	P3h3	P3H3_MOUSE	82 kDa	0	0	0	0	0	0	1	2	0	0	0	0	0	0	1	0		0.00				0.2254	0.2254	
2846	Alpha-internexin	Ina	AINX_MOUSE	55 kDa	0	0	0	0	0	0	3	9	0	0	2	0	0	0	0	0		0.17			0.3342	0.2697		0.4226
2847	H-2 class II histocompatibility antigen,	H2-Aa	HA2D_MOUSE	28 kDa	1	2	2	0	0	0	0	12	9	10	0	0	2	0	10	0	0.00	0.00	6.20		0.0377	0.0072	0.0050	
2848	COP9 signalosome complex subunit 6	Cops6	CSN6_MOUSE	36 kDa	1	2	2	1	1	1	0	1	3	3	1	3	2	1	1	2	0.60	1.75	0.80	2.33	0.1835	0.4204	0.7507	0.1835
2849	Coiled-coil domain-containing protein	Ccdc91	CCD91_MOUSE	50 kDa	3	2	3	2	1	2	3	2	2	2	2	3	2	2	2	2	0.63	0.86	0.88	1.20	0.1012	0.4226	0.5185	0.4226
2850	PRKCA-binding protein	Pick1	PICK1_MOUSE	47 kDa	3	2	1	1	1

2908	26S proteasome non-ATPase regulat	Psmd9	PSMD9 MOUSE	25 kDa	3	1	3	0	1	1	3	2	2	2	3	2	2	1	2	2	0.29	1.00	1.00	3.50	0.1131	1.0000	1.0000	0.0241
2909	COP9 signalosome complex subunit 5	Cops5	CSN5 MOUSE	38 kDa	3	5	1	1	3	2	0	0	2	1	0	0	3	2	1	0	0.67	0.50	0.22	0.17	0.4961	0.6856	0.1727	0.0824
2910	Apoptosis-associated speck-like prote	Pycard	ASC MOUSE	21 kDa	0	2	1	1	2	2	3	1	4	4	5	6	1	2	3	5	1.67	1.88	2.67	3.00	0.3868	0.1021	0.2002	0.0132
2911	E3 ubiquitin-protein ligase RING1	Ring1	RING1 MOUSE	43 kDa	1	2	1	0	0	0	1	1	0	0	3	0	1	0	1	1	0.00	1.50	0.50		0.0572	0.7769	0.2302	0.4226
2912	Nuclear autoantigen Sp-100	Sp100	SP100 MOUSE	55 kDa	0	1	0	0	0	0	6	0	1	0	1	0	0	0	2	0	0.00	0.14	7.00		0.4226	0.3942	0.3942	0.4226
2913	Immunoglobulin J chain	Jchain	IGJ MOUSE	18 kDa	0	0	0	0	0	0	5	3	3	2	3	4	0	0	4	3		0.82				0.4926	0.0315	0.0351
2914	Methylthioribose-1-phosphate isomera	Mri1	MTNA MOUSE	39 kDa	0	1	0	2	0	2	0	0	2	3	1	4	0	1	1	3	4.00	4.00	2.00	2.00	0.2739	0.1500	0.6856	0.2988
2915	Proline dehydrogenase 1, mitochondri	Prodh	PROD MOUSE	68 kDa	2	0	0	0	2	1	0	0	0	1	0	0	1	1	0	0	1.50		0.00	0.33	0.7250	0.4226	0.4226	0.3868
2916	Triokinase/FMN cyclase	Tkfc	TKFC MOUSE	60 kDa	0	1	2	0	0	1	1	0	2	0	0	0	1	0	1	0	0.33	0.00	1.00	0.00	0.3868	0.2254	1.0000	0.4226
2917	Cytochrome P450 2S1	Cyp2s1	CP2S1 MOUSE	56 kDa	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	2						0.1296		0.1296
2918	Serine/threonine-protein kinase 4	Stk4	STK4 MOUSE	56 kDa	0	0	0	0	0	0	4	0	2	1	0	2	0	0	2	1		0.40				0.5176	0.2999	0.4226
2919	Phenazine biosynthesis-like domain-c	Pbld1	PBLD1 MOUSE	32 kDa	4	8	2	9	4	6	0	0	0	0	0	0	5	6	0	0	1.36		0.00	0.00	0.5076		0.1181	0.0488
2920	Low affinity immunoglobulin gamma F	Fcgr2	FCGR2 MOUSE	37 kDa	0	0	0	0	0	0	7	1	5	4	3	0	0	0	4	2		0.54				0.4083	0.1333	0.1917
2921	Regenerating islet-derived protein 3-g	Reg3g	REG3G MOUSE	19 kDa	0	0	0	0	0	0	14	10	10	0	0	0	0	0	11	0		0.00				0.0136	0.0136	
2922	H/ACA ribonucleoprotein complex sub	Nhp2	NHP2 MOUSE	17 kDa	4	3	1	4	1	2	3	4	4	3	1	2	3	2	4	2	0.88	0.55	1.38	0.86	0.8025	0.0824	0.3785	0.7700
2923	U6 snRNA-associated Sm-like protein	Lsm8	LSM8 MOUSE	13 kDa	0	2	3	3	1	2	3	4	3	2	4	3	2	2	3	3	1.20	0.90	2.00	1.50	0.7700	0.6495	0.1908	0.2879
2924	YTH domain-containing family protein	Ythdf2	YTHD2 MOUSE	62 kDa	1	1	1	0	1	1	1	3	2	1	1	1	1	1	2	1	0.67	0.50	2.00	1.50	0.4226	0.2254	0.2254	0.4226
2925	Endophilin-B2	Sh3glb2	SHLB2 MOUSE	44 kDa	1	2	2	1	1	1	4	3	3	2	3	2	2	1	3	2	0.60	0.70	2.00	2.33	0.1835	0.1012	0.0241	0.0572
2926	14 kDa phosphohistidine phosphatase	Phpt1	PHP14 MOUSE	14 kDa	1	1	1	1	1	1	2	2	1	3	1	2	1	1	2	2	1.00	1.20	1.67	2.00		0.6495	0.1835	0.2254
2927	Coflin-2	Cfl2	COF2 MOUSE	19 kDa	1	1	1	3	1	1	2	2	4	2	4	2	1	2	3	3	1.67	1.00	2.67	1.60	0.4226	1.0000	0.1296	0.3486
2928	Proteasome inhibitor PI31 subunit	Psmf1	PSMF1 MOUSE	30 kDa	3	3	1	2	2	0	1	1	2	1	0	0	2	1	1	0	0.57	0.25	0.57	0.25	0.3486	0.1012	0.2739	0.2739
2929	UPF0587 protein C1orf123 homolog	1 SV	CA123 MOUSE	18 kDa	0	3	2	0	2	2	3	1	5	4	0	3	2	1	3	2	0.80	0.78	1.80	1.75	0.7791	0.7096	0.4141	0.5176
2930	Splicing regulatory glutamine/lysine-ric	Srek1	SREK1 MOUSE	57 kDa	0	1	1	0	1	0	4	1	3	0	2	0	1	0	3	1	0.50	0.25	4.00	2.00	0.5185	0.1500	0.1394	0.6856
2931	BAG family molecular chaperone regu	Bag4	BAG4 MOUSE	49 kDa	4	4	5	2	1	1	0	0	0	2	2	3	4	1	0	2	0.31		0.00	1.75	0.0031	0.0198	0.0059	0.1012
2932	Fibroleukin	Fgl2	FGL2 MOUSE	49 kDa	0	2	0	0	0	0	0	1	0	2	2	9	1	0	0	4	0.00	13.00	0.50		0.4226	0.2269	0.6856	0.2044
2933	Fructose-bisphosphate aldolase B	Aldob	ALDOB MOUSE	39 kDa	0	0	0	1	0	0	1	2	0	0	0	0	0	0	0	0		0.00		0.00		0.2254	0.2254	0.1835
2934	Proteasome assembly chaperone 1	Psmg1	PSMG1 MOUSE	33 kDa	0	0	2	0	1	0	2	1	1	2	0	0	1	0	1	1	0.50	0.50	2.00	2.00	0.6856	0.4382	0.4382	0.6856
2935	Nucleolar protein 10	Nol10	NOL10 MOUSE	80 kDa	1	1	3	0	0	0	2	0	1	0	0	0	2	0	1	0	0.00	0.00	0.60		0.1296	0.2254	0.4926	
2936	U5 small nuclear ribonucleoprotein 40	Snrnp40	SNR40 MOUSE	39 kDa	0	0	0	0	0	0	2	0	0	2	2	1	0	0	1	2		2.50				0.2739	0.4226	0.0377
2937	NADPH:adrenodoxin oxidoreductase,	Fdxr	ADRO MOUSE	54 kDa	1	0	0	1	0	0	2	1	0	1	0	0	0	0	1	0	1.00	0.33	3.00	1.00	1.0000	0.3868	0.3868	1.0000
2938	CTP synthase 1	Ctps1	PYRG1 MOUSE	67 kDa	1	1	0	0	0	0	2	0	0	2	0	0	1	0	1	0	0.00	0.00	2.00		0.1835	0.1835	0.4382	
2939	Neutrophilic granule protein	Ngp	NGP MOUSE	19 kDa	0	0	0	0	0	0	3	4	2	4	14	1	0	0	3	6		2.11				0.4865	0.0351	0.2484
2940	DnaJ homolog subfamily B member 1	Dnajb1	DNJB1 MOUSE	38 kDa	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	1		2.00				0.6856	0.4226	0.4226
2941	Cathepsin L1	Ctsl	CATL1 MOUSE	38 kDa	0	0	0	0	0	0	5	3	2	0	0	1	0	0	3	0		0.10				0.0621	0.0634	0.4226
2942	Monocyte differentiation antigen CD14	Cd14	CD14 MOUSE	39 kDa	0	0	0	0	0	0	5	6	4	1	4	1	0	0	5	2		0.40				0.0754	0.0131	0.1835
2943	Proteasome subunit beta type-8	Psmb8	PSB8 MOUSE	30 kDa	0	0	0	0	0	0	4	1	3	1	1	1	0	0	3	1		0.38				0.1994	0.0942	
2944	H-2 class II histocompatibility antigen,	H2-Aa	HA2B MOUSE	28 kDa	0	1	0	0	0	0	5	2	6	9	6	7	0	0	4	7	0.00	1.69	13.00		0.4226	0.1208	0.0704	0.0142
2945	Guanine nucleotide-binding protein G(	Gnao1	GNAO MOUSE	40 kDa	0	0	0	0	0	0	0	2	0	0	2	1	0	0	1	1		1.50				0.7250	0.4226	0.2254
2946	Lipolysis-stimulated lipoprotein recept	Lsr	LSR MOUSE	66 kDa	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1						0.4226		0.4226
2947	Translocator protein	Tspo	TSPO MOUSE	19 kDa	2	0	1	0	2	0	3	2	2	1	3	3	1	1	2	2	0.67	1.00	2.33	3.50	0.7250	1.0000	0.1336	0.1518
2948	Synaptobrevin homolog YKT6	Ykt6	YKT6 MOUSE	22 kDa	1	1	2	1	3	1	1	4	2	2	2	4	1	2	2	3	1.25	1.14	1.75	1.60	0.6856	0.7791	0.3785	0.3486
2949	Proteasome activator complex subunit	Psme3	PSME3 MOUSE	29 kDa	2	0	0	0	0	0	0	1	2	1	1	1	0	0	1	1	0.00	1.00	1.50		0.4226	1.0000	0.7250	
2950	Sterol O-acyltransferase 1	Soat1	SOAT1 MOUSE	64 kDa	0	0	0	0	0	0	4	3	2	1	0	0	0	0	3	0		0.11				0.0248	0.0351	0.4226
2951	Synapse-associated protein 1	Syap1	SYAP1 MOUSE	41 kDa	1	1	1	1	2	1	1	0	0	0	0	0	1	1	0	0	1.33	0.00	0.33	0.00	0.4226	0.4226	0.1835	0.0572
2952	Interferon-related developmental regul	Ifrd1	IFRD1 MOUSE	50 kDa	3	3	2	1	1	0	0	0	0	0	0	0	3	1	0	0	0.25		0.00	0.00	0.0132		0.0153	0.1835
2953	GDP-Man:Man(3)GlcNAc(2)-PP-Dol a	Alg11	ALG11 MOUSE	55 kDa	3	3	2	2	3	2	0	1	0	0	0	0	3	2	0	0	0.88	0.00	0.13	0.00	0.5185	0.4226	0.0078	0.0198
2954	1,5-anhydro-D-fructose reductase	Akr1e2	AKCL2 MOUSE	34 kDa	1	0	0	0	0	0	0	0	0	0	3	3	2	0	0	3	0.00		0.00		0.4226	0.0153	0.4226	0.0153
2955	Cytosolic acyl coenzyme A thioester h	Acot7	BACH MOUSE	43 kDa	0	1	0	0	0	0	4	2	2	4	4	3	0	0	3	4	0.00	1.38	8.00		0.4226	0.2739	0.0535	0.0082
2956	Protein NipSnap homolog 3B	Nipsnap3b	NPS3B MOUSE	28 kDa	0	0	0	0	0	0	3	4	2	0	4	3	0	0	3	2		0.78				0.6528	0.0351	0.1917
2957	DDB1- and CUL4-associated factor 1	Dcaf13	DCA13 MOUSE	51 kDa	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.00		0.00		0.4226		0.4226	
2958	Chymase	Cma1	CMA1 MOUSE	28 kDa	0	0	0	0	0	0	0	0	0	5	2	18	0	0	0	8		25.00				0.2444	0.4226	0.2318
2959	Derlin-1	Derl1	DERL1 MOUSE	29 kDa	5	2	1	2	3	2	1	2	1	1	1	1	3	2	1	1	0.88	0.75	0.50	0.43	0.8113	0.4226	0.3841	0.0572
2960	Chromobox protein homolog 1	Cbx1	CBX1 MOUSE	21 kDa	2	0	1	0	0	0	4	5	6	5	4	6	1	0	5	5	0.00	1.00	5.00		0.2254	1.0000	0.0080	0.0131
2961	Multivesicular body subunit 12A	Mvb12a	MB12A MOUSE	29 kDa	2	2	1	2	2	3	0	0	2	1	1	0	2	2	1	1	1.40	1.00	0.40	0.29	0.2302	1.0000	0.2739	0.0241
2962	Prolyl-tRNA synthetase associated do	Prorsd1	PRXD1 MOUSE	19 kDa	3	1	1	4	1	1	2	2	3	1	1	1	2	2	2	1	1.20	0.43	1.40	0.50	0.7972	0.0572	0.4382	0.4226
2963	Acid sphingomyelinase-like phosphod	Smpdl3a	ASM3A MOUSE	50 kDa	0	3	1	3	4	0	2	1	1	3	2	1	1	2	2	2	1.75	1.50	1.00	0.86	0.5422	0.3868	1.0000	0.8194
2964	ADP-ribosyl cyclase/cyclic ADP-ribose	Bst1	BST1 MOUSE	35 kDa	0	0	0	0	0	0	2	0	1	5	2	0	0	0	1	2		2.33				0.4647	0.2254	0.2495
2965	D-dopachrome decarboxylase	Ddt	DOPD MOUSE	13 kDa	2	2	2	3	4	4	1	2	0	0	1	1	2	4	1	1	1.83	0.67	0.50	0.18	0.0377	0.6495	0.2254	0.0031
2966	Methylosome protein 50	Wdr77	MEP50 MOUSE	37 kDa	2	3	2	3	0	0	2	1	0	1	0	0	2	1	1	0	0.43	0.33	0.43	0.33	0.3133	0.3868	0.1336	0.5813
2967	Anamorsin	Ciapin1	CPIN1 MOUSE	33 kDa	3	4	4	0	0	0	2	2	3	2	0	3	4	0	2	2	0.00	0.71	0.64		0.0082	0.5384	0.0474	0.1994
2968	Upstream-binding protein 1	Ubp1	UBIP1 MOUSE	60 kDa	1	3	1	1	2	1	1	0	0	0	2	1	0	0	1	0	0.80	0.00	0.20	0.00	0.6856	0.4226	0.1734	0.0572
2969	Vimentin-type intermediate filament-as	Vmac	VMAC MOUSE	19 kDa	0	0	0	0	0	2	1	1	2	2	1	1	0	1	1	1		1.00		2.00	0.4226	1.0000	0.0572	0.4382
2970	Phospholipid transfer protein	Pltp	PLTP MOUSE	54 kDa	0	0	0	0	0	0	6	3	3	1	2	1	0	0	4	1		0.33				0.1047	0.0572	0.0572
2971	39S ribosomal protein L47, mitochond	Mrpl47	RM47 MOUSE	30 kDa	0	0	0	0	0	0	0	1	2	1	1	1	0	0	1	1		1.00				1.0000	0.2254	
2972	Putative phospholipase B-like 2	Plbd2	PLBL2 MOUSE	66 kDa	0	0	0	1	0	0	4	1	1	1	1	2	0	0	2	1		0.67		4.00	0.4226	0.5813	0.1835	0.1012
2973	5'-AMP-activated protein kinase catal	Prkaa1	AAPK1 MOUSE	64 kDa	0	0	0	0	0	0	0	1	0	1	2	3	1	0	0	1		1.00				1.0000	0.0572	0.2697
2974	Cdc42 effector protein 2	Cdc42ep2	BORG1 MOUSE	23 kDa	0	0	0	0	0	0	1	1	0	3	1	2	0	0	1	2		3.00				0.1336	0.1835	0.0742
2975	ADP-ribosyl cyclase/cyclic ADP-ribose	Cd38	CD38 MOUSE	34 kDa	0	0	0	0	0	0	5	2	4	0	0	3	0	0	4	1		0.27				0.1172	0.0533	0.4226
2976	STAM-binding protein	Stambp	STABP MOUSE	48 kDa	1	0	0	2	0	0	0	0	0	1	0	0	0	1	0	0	2.00		0.00	0.50	0.6856	0.4226	0.4226	0.6856
2977	Pyrethroid hydrolase Ces2a	Ces2a	EST2A MOUSE	62 kDa	0	0	0	0	0	0	0	0	2	0	1	4	0	0	1	2		2.50				0.5176	0.4226	0.2999
2978	Placenta-specific gene 8 protein	Plac8	PLAC8 MOUSE	12 kDa	0	0	0	1	0	0	3	4	6	5	6	3	0	0	4	5		1.08		14.00	0.4226	0.8025	0.0390	0.0271
2979	Cation-dependent mannose-6-phosph	M6pr	MPRD MOUSE	31 kDa	3	1	1	1	1	0	2	2	6	3	6	1	2	1	3	3	0.40	1.00	2.00	5.00	0.2739	1.0000	0.3465	0.2034
2980	Interferon regulatory factor 3	Irf3	IRF3 MOUSE	47 kDa	1	0	1	0	3	1	0	0	0	2	1	1	1	1	0	1	2.00		0.00	1.00	0.5384	0.0572	0.1835	1.0000
2981	Solute carrier family 25 member 45	Slc25a45	S2545 MOUSE	32 kDa	3	0	2	3	4	1	0	0	0	0	0	0	2	3	0	0	1.60		0.00	0.00	0.4676		0.1994	0.0942
2982	Endoplasmic reticulum-Golgi intermed	Ergic3	ERGI3 MOUSE	43 kDa	1	1	1	0	1	2	0	0	0	0	0	0	1	1	0	0	1.00		0.00	0.00	1.0000			0.2254
2983	Tax1-binding protein 3	Tax1bp3	TX1B3 MOUSE	14 kDa	0	0	0	0	0	0	0	1	2	2	2	4	0	0	2	3		1.60				0.2739	0.0377	0.0572
2984	SPARC	Sparc	SPRC MOUSE	34 kDa	0	0	0	0	0	0	5	7	8	5	0	1	0	0	7	2		0.30				0.0722	0.0171	0.3206
2985	39S ribosomal protein L22, mitochond	Mrpl22	RM22 MOUSE	24 kDa	0	0	0	0	0	0	2	0	0	1	2	0	0	0	1	1		1.50				0.7250	0.4226	0.2254
2986	Cartilage-associated protein	Crtap	CRTAP MOUSE	46 kDa	0	0	0	0	0	0	1	3	2	0	0	0	0	0	2	0		0.00				0.0742	0.0742	
2987	Bridging integrator 2	Bin2	BIN2 MOUSE	53 kDa	0	0	0	0	0	0	0	3	2	3	0	0	0	0	3	0		0.00				0.0153	0.0153	
2988	Carboxylesterase 1E	Ces1e	EST1E MOUSE	62 kDa	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0				0.00	0.4226			0.4226
2989	Immediate early response 3-interactin	Ier3ip1	IR3IP MOUSE	9 kDa	4	3	2	5	5	4	3	3	2	1	1	0	3	5	3	1	1.56	0.25	0.89	0.14	0.0824	0.0132	0.6495	0.0011
2990	Ubiquinone biosynthesis O-methyltran	Coq3	COQ3 MOUSE	41 kDa	1	2	2	2	3	2	0	1	1	0	1	1	2	2	1	1	1.40	1.00	0.40	0.29	0.2302	1.0000	0.1012	0.0241
2991	Elongation of very long chain fatty acid	Elovl1	ELOV1 MOUSE	33 kDa	1	1	1	0	0	0	0	0	2	1	2	1	1	0	1	1	0.00	2.00	0.67			0.4382	0.6667	0.0572
2992	Guanine nucleotide-binding protein G(	Gnai3	GNAI3 MOUSE	41 kDa	0	2	2	3	6	2	3	1	2	3	3	2	1	4	2	3	2.75	1.33	1.50	0.73	0.1845	0.3868	0.4926	0.4970
2993	Dual specificity mitogen-activated pro	Map2k2	MP2K2 MOUSE	44 kDa	0	2	1	0	2	1	1	2	2	3	2	1	1	2	2	2	0.67	1.40	1.67	3.50	0.7250	0.2302	0.3868	0.1131
2994	Coiled-coil domain-containing protein	Ccdc25	CCD25 MOUSE	24 kDa	0	2	0	2	1	3	0	0	1	0	0	0	1	2	0	0	3.00	0.00	0.50	0.00	0.2065	0.4226	0.6856	0.0742
2995	U8 snoRNA-decapping enzyme	Nudt16	NUD16 MOUSE	22 kDa	0	0	0	1	0	0	2	1	1	0	1	1	0	0	1	1		0.50		2.00	0.4226	0.2302	0.0572	0.5185
2996	High mobility group protein HMG-I/HM	Hmga1	HMGA1 MOUSE	12 kDa	0	0	0	0	0	0	1	0	0	1	2	2	0	0	0	2		5.00				0.0474	0.4226	0.0377
2997	N(G),N(G)-dimethylarginine dimethyla	Ddah1	DDAH1 MOUSE	31 kDa	0	0	0	0	0	0	0	3	4	2	2	0	0	0	3	1		0.22				0.0584	0.0351	0.4226
2998	Interleukin-1 receptor antagonist prote	Il1rn	IL1RA MOUSE	23 kDa	0	0	0	0	0	0	1	0	1	6	7	6	0	0	1	6		9.50				0.0003	0.1835	0.0028
2999	Phosphopantothenate--cysteine ligase	Ppcs	PPCS MOUSE	34 kDa	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	1		0.00				0.4226	0.4226	
3000	Zinc-alpha-2-glycoprotein	Azgp1	ZA2G MOUSE	35 kDa	0	0	0	0	0	0	6	4	6	0	2	0	0	0	5	1		0.13				0.0078	0.0153	0.4226
3001	H-2 class II histocompatibility antigen,	3 SV	HB22 MOUSE	30 kDa	0	0	0	0	0	0	6	3	3	0	0	0	0	0	4	0		0.00				0.0572	0.0572	
3002	5'-nucleotidase	Nt5e	5NTD MOUSE	64 kDa	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1						0.4226		0.4226
3003	Serine protease inhibitor A3M	Serpina3m	SPA3M MOUSE	47 kDa	1	3	2	2	2	2	0	1	0	3	4	4	2	2	0	4	1.00	11.00	0.17	1.83	1.0000	0.0021	0.0824	0.0377
3004	Tubulin beta-4A chain	Tubb4a	TBB4A MOUSE	50 kDa	2	1	1	1	0	0	1	4	2	1	1	0	1	0	2	1	0.25	0.29	1.75	2.00	0.1012	0.1908	0.3785	0.5185
3005	Heat shock factor-binding protein 1	Hsbp1	HSBP1 MOUSE	9 kDa	0	0	0	3	0	0	2	1	3	3	4	3	0	1	2	3		1.67		3.33	0.4226	0.1336	0.0742	0.1341
3006	Leukocyte surface antigen CD47	Cd47	CD47 MOUSE	33 kDa	1	1	1	1	1	1	2	1	1	4	3	4	1	1	1	4	1.00	2.75	1.33	3.67		0.0078	0.4226	0.0153
3007	Protein LSM12 homolog	Lsm12	LSM12 MOUSE	22 kDa	3	1	2	2	2	3	1	2	1	0	1	2	2	1	1	1	1.17	0.50	0.67	0.29	0.6495	0.2302	0.3868	0.0241
3008	Charged multivesicular body protein 1	Chmp1b1	CHB1 MOUSE	22 kDa	0	1	0	1	0	0	1	1	2	1	2	0	1	0	1	1	0.50	0.75	2.00	3.00	0.5185	0.6495	0.2302	0.3868
3009	Arf-GAP domain and FG repeat-contai	Agfg2	AGFG2 MOUSE	49 kDa	0	1	0	1	0	1	3	3	3	4	2	0	1	1	3	3	2.00	0.89	9.00	4.00	0.5185	0.6667	0.0153	0.0765
3010	5'-AMP-activated protein kinase subur	Prkag1	AAKG1 MOUSE	38 kDa	0	0	0	0	0	0	2	2	1	2	3	2	0	0	2	2		1.40				0.2302	0.0377	0.0198
3011	Phospholipid scramblase 1	Plscr1	PLS1 MOUSE	36 kDa	0	0	0	0	0	0	1	0	2	4	3	3	0	0	1	3		3.33				0.0357	0.2254	0.0099
3012	Protein CREG1	Creg1	CREG1 MOUSE	24 kDa	1	0

3070	Protein canopy homolog 3	Cnpy3	CNPY3 MOUSE	31 kDa	0	2	0	1	0	0	0	1	0	1	0	0	1	0	0	0	0.50	1.00	0.50	1.00	0.6856	1.0000	0.6856	1.0000
3071	Serine protease inhibitor Kazal-type 1	Spink1	ISK1 MOUSE	8 kDa	1	1	2	4	1	2	0	0	0	0	0	0	1	2	0	0	1.75		0.00	0.00	0.3785		0.0572	0.1181
3072	Complement component receptor 1-like	Cr1l	CR1L MOUSE	54 kDa	0	0	0	0	0	0	2	0	1	2	3	3	0	0	1	3		2.67				0.0824	0.2254	0.0153
3073	Parkinson disease 7 domain-containin	Pddc1	PDDC1 MOUSE	23 kDa	0	0	0	0	0	0	3	4	1	2	1	1	0	0	3	1		0.50				0.2667	0.0942	0.0572
3074	Lipopolysaccharide-binding protein	Lbp	LBP MOUSE	53 kDa	0	0	0	0	0	0	1	2	2	0	0	0	0	0	2	0		0.00				0.0377	0.0377	
3075	Methyltransferase-like protein 13	Mettl13	METL13 MOUSE	79 kDa	1	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.00		0.00		0.2254		0.2254	
3076	Calcium uptake protein 1, mitochondri	Micu1	MICU1 MOUSE	54 kDa	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	2								
3077	Choline transporter-like protein 1	Slc44a1	CTL1 MOUSE	73 kDa	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	1						0.1835		0.1835
3078	Trafficking protein particle complex su	Trappc3	TPPC3 MOUSE	20 kDa	1	3	1	0	0	1	4	1	2	2	2	2	2	0	2	2	0.20	0.86	1.40	5.00	0.1734	0.7418	0.5813	0.0377
3079	Glycerophosphodiester phosphodiest	Gdpd1	GDPD1 MOUSE	36 kDa	1	1	1	2	1	2	1	1	1	1	2	1	1	2	1	1	1.67	1.33	1.00	0.80	0.1835	0.4226		0.5185
3080	Gamma-aminobutyric acid receptor-as	Gabarap	GBRAP MOUSE	14 kDa	1	1	4	1	2	4	2	2	1	1	1	2	2	2	2	1	1.17	0.80	0.83	0.57	0.8151	0.5185	0.7769	0.3785
3081	Protein BRICK1	Brk1	BRK1 MOUSE	9 kDa	1	2	0	0	1	0	2	1	4	2	1	1	1	0	2	1	0.33	0.57	2.33	4.00	0.3868	0.3785	0.2846	0.1012
3082	Class A basic helix-loop-helix protein	Bhlha15	BHA15 MOUSE	22 kDa	4	2	1	2	2	0	0	0	0	0	0	2	1	0	0	0	0.57		0.00	0.00	0.4204		0.1181	0.1835
3083	Ceramide synthase 2	Cers2	CERS2 MOUSE	45 kDa	2	1	1	2	1	0	1	0	0	0	1	1	1	1	0	1	0.75	2.00	0.25	0.67	0.6495	0.5185	0.1012	0.6495
3084	AP-2 complex subunit sigma	Ap2s1	AP2S1 MOUSE	17 kDa	0	1	0	1	0	0	0	0	3	2	1	1	0	0	1	1	1.00	1.33	3.00	4.00	1.0000	0.7769	0.5813	0.1012
3085	Ribosome biogenesis protein NSA2 ho	Nsa2	NSA2 MOUSE	30 kDa	3	2	3	1	0	1	2	1	2	0	0	0	3	1	2	0	0.25	0.00	0.63	0.00	0.0132	0.0377	0.1012	0.1835
3086	Secretory carrier-associated membrar	Scamp3	SCAM3 MOUSE	38 kDa	0	0	0	0	1	2	4	0	4	2	2	2	0	1	3	2		0.75		2.00	0.2254	0.6667	0.1835	0.2254
3087	U6 snRNA-associated Sm-like protein	Lsm7	LSM7 MOUSE	12 kDa	1	0	0	1	0	0	5	2	3	2	2	3	0	0	3	2	1.00	0.70	10.00	7.00	1.0000	0.3785	0.0621	0.0132
3088	Apolipoprotein C-III	Apoc3	APOC3 MOUSE	11 kDa	2	1	4	0	0	3	4	3	5	0	0	1	2	1	4	0	0.43	0.08	1.71	0.33	0.3747	0.0100	0.2002	0.5813
3089	Pyrin and HIN domain-containing prot	Pyhin1	IFIX MOUSE	47 kDa	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1						0.4226		0.4226
3090	COMM domain-containing protein 3	Commd3	COMD3 MOUSE	22 kDa	2	4	3	3	0	1	2	2	4	1	3	3	3	1	3	2	0.44	0.88	0.89	1.75	0.2002	0.7415	0.7250	0.4204
3091	Glycolipid transfer protein	Gltp	GLTP MOUSE	24 kDa	0	2	1	1	1	0	2	2	2	2	3	1	1	1	2	2	0.67	1.00	2.00	3.00	0.6495	1.0000	0.2254	0.1336
3092	Charged multivesicular body protein 1	Chmp1a	CHM1A MOUSE	22 kDa	2	3	2	2	1	1	1	1	1	1	0	0	2	1	1	0	0.57	0.33	0.43	0.25	0.1012	0.1835	0.0572	0.1012
3093	Transcription factor BTF3 homolog 4	Btf3l4	BT3L4 MOUSE	17 kDa	2	3	5	1	0	2	2	0	1	2	1	1	3	1	1	1	0.30	1.33	0.30	1.33	0.1021	0.6495	0.1021	0.6495
3094	Syntaxin-16	Stx16	STX16 MOUSE	37 kDa	1	2	0	1	1	0	1	0	1	1	0	1	1	1	1	1	0.67	1.00	0.67	1.00	0.6495	1.0000	0.6495	1.0000
3095	Derlin-2	Derl2	DERL2 MOUSE	28 kDa	1	1	2	0	1	1	0	0	2	0	1	0	1	0	1	0	0.25	0.33	0.75	1.00	0.1012	0.3868	0.6495	1.0000
3096	Charged multivesicular body protein 5	Chmp5	CHMP5 MOUSE	25 kDa	1	0	0	0	0	1	3	2	2	2	1	1	0	0	2	1	1.00	0.57	7.00	4.00	1.0000	0.1012	0.0132	0.1012
3097	Major urinary protein 11	Mup11	MUP11 MOUSE	21 kDa	0	2	0	0	0	0	7	6	4	2	3	5	1	0	6	3	0.00	0.59	8.50		0.4226	0.1347	0.0125	0.0634
3098	Major urinary protein 18	Mup18	MUP18 MOUSE	21 kDa	0	2	0	0	0	0	7	6	4	2	3	5	1	0	6	3	0.00	0.59	8.50		0.4226	0.1347	0.0125	0.0634
3099	Major urinary protein 6	Mup6	MUP6 MOUSE	21 kDa	0	2	0	0	0	0	7	6	4	2	3	5	1	0	6	3	0.00	0.59	8.50		0.4226	0.1347	0.0125	0.0634
3100	Ras-related protein Rab-21	Rab21	RAB21 MOUSE	24 kDa	1	0	0	2	1	0	3	3	2	4	3	4	0	1	3	4	3.00	1.38	8.00	3.67	0.3868	0.1012	0.0078	0.0248
3101	NADH-ubiquinone oxidoreductase cha	Mtnd5	NU5M MOUSE	68 kDa	1	2	0	2	1	0	0	1	0	0	0	0	1	1	0	0	1.00	0.00	0.33	0.00	1.0000	0.4226	0.3868	0.2254
3102	Lysocardiolipin acyltransferase 1	Lclat1	LCLT1 MOUSE	44 kDa	2	0	0	0	1	2	0	1	0	0	0	0	1	1	0	0	1.50	0.00	0.50	0.00	0.7250	0.4226	0.6856	0.2254
3103	Selenoprotein S	Vimp	SELS MOUSE	21 kDa	1	2	3	3	3	2	0	0	0	0	0	0	2	3	0	0	1.33		0.00	0.00	0.3868		0.0742	0.0153
3104	Putative deoxyribonuclease TATDN1	Tatdn1	TATD1 MOUSE	33 kDa	1	0	3	1	2	1	0	0	0	0	0	0	1	1	0	0	1.00		0.00	0.00	1.0000		0.2697	0.0572
3105	Gamma-glutamyltransferase 5	Ggt5	GGT5 MOUSE	62 kDa	0	0	0	0	0	0	2	2	1	3	2	5	0	0	2	3		2.00				0.1908	0.0377	0.0634
3106	3-hydroxybutyrate dehydrogenase typ	Bdh2	BDH2 MOUSE	27 kDa	1	0	1	0	2	0	4	3	4	0	0	0	1	1	4	0	1.00	0.00	5.50	0.00	1.0000	0.0082	0.0031	0.4226
3107	TOM1-like protein 1	Tom1l1	TM1L1 MOUSE	53 kDa	2	2	2	1	2	1	0	0	0	0	0	0	2	1	0	0	0.67		0.00	0.00	0.1835			0.0572
3108	MAPK regulated corepressor interacti	Mcrip2	MCRI2 MOUSE	18 kDa	3	3	2	3	3	2	0	0	0	0	0	0	3	3	0	0	1.00		0.00	0.00	1.0000		0.0153	0.0153
3109	Sorting nexin-4	Snx4	SNX4 MOUSE	52 kDa	0	0	0	0	0	0	0	2	2	0	1	0	0	0	1	0		0.25				0.2739	0.1835	0.4226
3110	Zinc finger protein 706	Zrif706	ZN706 MOUSE	8 kDa	1	0	1	4	5	1	0	0	0	0	0	0	1	3	0	0	5.00		0.00	0.00	0.1488		0.1835	0.1091
3111	PDZ domain-containing protein 11	Pdzd11	PDZ11 MOUSE	16 kDa	1	1	1	2	1	0	2	1	3	6	4	2	1	1	2	4	1.00	2.00	2.00	4.00	1.0000	0.2209	0.2254	0.1045
3112	AP-1 complex subunit sigma-1A	Ap1s1	AP1S1 MOUSE	19 kDa	1	2	2	1	2	1	0	0	3	2	0	1	2	1	1	1	0.80	1.00	0.60	0.75	0.5185	1.0000	0.5813	0.6495
3113	Mitochondrial import inner membrane	Timm8a1	TIM8A MOUSE	11 kDa	3	3	1	3	3	2	2	2	3	1	2	1	2	3	2	1	1.14	0.57	1.00	0.50	0.6856	0.1012	1.0000	0.0474
3114	Dihydrofolate reductase	Dhfr	DYR MOUSE	22 kDa	1	1	0	0	0	0	1	1	2	1	1	1	0	1	1	1	0.00	0.75	2.00		0.1835	0.4226	0.2302	
3115	UV excision repair protein RAD23 hon	Rad23a	RD23A MOUSE	40 kDa	1	1	0	1	2	1	2	1	2	2	0	0	1	1	2	1	2.00	0.40	2.50	0.50	0.2302	0.2739	0.1012	0.4382
3116	DnaJ homolog subfamily C member 8	Dnajc8	DNJC8 MOUSE	30 kDa	1	2	0	0	0	1	3	2	1	3	3	5	1	0	2	4	0.33	1.83	2.00	11.00	0.3868	0.1332	0.2879	0.0217
3117	Protein MAK16 homolog	Mak16	MAK16 MOUSE	35 kDa	2	2	3	1	1	1	2	0	1	0	0	0	2	1	1	0	0.43	0.00	0.43	0.00	0.0572	0.2254	0.1336	
3118	Mitochondrial pyruvate carrier 1	Mpc1	MPC1 MOUSE	12 kDa	0	2	0	3	1	1	0	0	0	0	0	0	1	2	0	0	2.50		0.00	0.00	0.3486		0.4226	0.1296
3119	Alpha-synuclein	Snca	SYUA MOUSE	14 kDa	2	0	0	0	0	0	0	3	2	0	1	1	1	0	2	1	0.00	0.40	2.50		0.4226	0.3785	0.4204	0.1835
3120	Deoxyribose-phosphate aldolase	Dera	DEOC MOUSE	35 kDa	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1		0.67				0.6495	0.2254	0.1835
3121	N-acetylglucosamine-6-phosphate des	Amdhd2	NAGA MOUSE	43 kDa	0	0	0	0	0	0	1	0	0	3	0	1	0	0	0	1		4.00				0.3785	0.4226	0.2697
3122	Marginal zone B- and B1-cell-specific	Mzb1	MZB1 MOUSE	21 kDa	0	0	0	0	0	0	2	1	0	0	2	3	0	0	1	2		1.67				0.5666	0.2254	0.1994
3123	H-2 class II histocompatibility antigen,	H2-Ab1	HB2A MOUSE	30 kDa	0	0	0	0	0	0	0	0	0	9	5	8	0	0	0	7						0.0258		0.0258
3124	Transcription factor jun-B	Junb	JUNB MOUSE	36 kDa	0	0	0	0	0	0	3	3	1	0	1	0	0	0	2	0		0.14				0.0765	0.0728	0.4226
3125	Guanine nucleotide-binding protein-lik	Gnl1	GNL1 MOUSE	69 kDa	0	1	0	0	0	0	1	0	0	2	1	0	1	0	0	1	0.00		0.00		0.1835	0.2254	0.1835	0.2254
3126	NFU1 iron-sulfur cluster scaffold homo	Nfu1	NFU1 MOUSE	29 kDa	1	0	0	0	0	0	0	0	0	0	2	1	1	0	0	1	0.00		0.00		0.4226	0.0572	0.4226	0.0572
3127	Sorting nexin-27	Snx27	SNX27 MOUSE	61 kDa	0	0	0	0	0	0	2	0	0	1	0	0	0	0	1	0		0.50				0.6856	0.4226	0.4226
3128	Protein kish-A	Tmem167a	KISHA MOUSE	8 kDa	4	2	2	5	3	2	2	1	2	1	0	0	3	3	2	0	1.25	0.20	0.63	0.10	0.5813	0.0474	0.2739	0.0621
3129	CD82 antigen	Cd82	CD82 MOUSE	30 kDa	2	1	1	1	1	2	2	2	1	1	2	2	1	1	2	2	1.00	1.00	1.25	1.25	1.0000	1.0000	0.5185	0.5185
3130	Zinc finger and BTB domain-containing	Zbtb20	ZBT20 MOUSE	81 kDa	1	0	1	1	1	1	2	1	3	1	1	1	1	0	2	1	0.33	0.50	2.00	3.00	0.1835	0.2254	0.2254	0.1835
3131	Insulin-1	Ins1	INS1 MOUSE	12 kDa	0	1	1	2	1	1	1	2	3	0	1	2	0	1	2	1	4.00	0.50	6.00	0.75	0.1012	0.2879	0.0824	0.6495
3132	NEDD8-activating enzyme E1 catalytic	Uba3	UBA3 MOUSE	52 kDa	1	0	0	0	1	1	1	1	1	1	2	1	0	1	1	1	2.00	1.33	3.00	2.00	0.5185	0.4226	0.1835	0.2302
3133	Haloacid dehalogenase-like hydrolase	Hdhd3	HDHD3 MOUSE	28 kDa	1	2	1	2	0	0	0	0	0	0	0	0	1	1	0	0	0.50		0.00	0.00	0.4382		0.0572	0.4226
3134	Caspase-3	Casp3	CASP3 MOUSE	31 kDa	0	1	0	0	0	0	0	1	1	1	2	1	0	0	1	1	0.00	1.33	3.00		0.4226	0.4226	0.1835	0.0572
3135	Myeloid leukemia factor 2	Mlf2	MLF2 MOUSE	28 kDa	1	0	0	1	4	0	0	1	1	0	0	0	1	1	0	0	2.00	0.00	1.00	0.00	0.6708	0.1835	1.0000	0.4226
3136	Ras-related GTP-binding protein C	Rragc	RRAGC MOUSE	44 kDa	0	0	0	1	0	0	3	3	1	1	4	1	0	0	2	2		0.86		6.00	0.4226	0.7972	0.0728	0.2322
3137	U6 snRNA-associated Sm-like protein	Lsm6	LSM6 MOUSE	9 kDa	0	0	0	0	0	0	0	0	2	1	2	0	0	0	2	2						0.0377		0.0377
3138	Protein XRP2	Rp2	XRP2 MOUSE	39 kDa	0	0	0	0	0	0	2	2	4	1	2	2	0	0	3	2		0.63				0.2739	0.0572	0.0377
3139	L-threonine 3-dehydrogenase, mitoch	Tdh	TDH MOUSE	41 kDa	2	0	1	5	2	3	0	0	0	0	0	0	1	3	0	0	3.33		0.00	0.00	0.1021		0.2254	0.0634
3140	RAC-alpha serine/threonine-protein ki	Akt1	AKT1 MOUSE	56 kDa	0	1	0	0	0	0	0	0	0	2	1	1	0	0	0	1	0.00		0.00		0.4226	0.0572	0.4226	0.0572
3141	Eukaryotic translation initiation factor	Eif4ebp2	4EBP2 MOUSE	13 kDa	0	0	0	0	0	0	1	0	1	1	1	2	0	0	1	1		2.00				0.2302	0.1835	0.0572
3142	Keratin, type II cuticular Hb5	Krt85	KRT85 MOUSE	56 kDa	0	1	0	0	0	0	0	5	0	0	0	0	0	0	2	0	0.00	0.00	5.00		0.4226	0.4226	0.5096	
3143	CD97 antigen	Cd97	CD97 MOUSE	90 kDa	0	0	0	0	0	0	1	0	0	2	2	0	0	0	0	1		4.00				0.2739	0.4226	0.1835
3144	Lysosomal Pro-X carboxypeptidase	Prcp	PCP MOUSE	55 kDa	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	1						0.2697		0.2697
3145	Mitogen-activated protein kinase 9	Mapk9	MK09 MOUSE	48 kDa	1	0	0	1	2	1	1	1	2	1	1	0	1	1	0	1	1.50	0.50	2.00	0.67	0.6495	0.2302	0.2302	0.6495
3146	Oxysterol-binding protein-related prote	Osbpl2	OSBL2 MOUSE	55 kDa	2	1	1	0	1	1	0	0	1	2	2	1	1	1	0	2	0.50	5.00	0.25	2.50	0.2302	0.0474	0.1012	0.1012
3147	Serine/threonine-protein phosphatase	Cpped1	CPPED MOUSE	35 kDa	0	0	1	0	0	0	2	1	1	1	2	2	0	0	1	2	0.00	1.25	4.00		0.4226	0.5185	0.1012	0.0377
3148	Heterogeneous nuclear ribonucleoprot	Hnrnpdl	HNRDL MOUSE	34 kDa	0	0	1	1	0	0	1	2	2	1	2	1	0	0	2	1	1.00	0.80	5.00	4.00	1.0000	0.5185	0.0474	0.1012
3149	Ubiquinone biosynthesis protein COQ	Coq9	COQ9 MOUSE	35 kDa	2	1	1	1	3	2	0	0	0	0	0	0	1	2	0	0	1.50		0.00	0.00	0.3868		0.0572	0.0742
3150	Protein FAM38	Fam38b	FAM38 MOUSE	26 kDa	0	0	0	0	0	0	0	0	0	1	4	8	0	0	0	4						0.1660		0.1660
3151	Extracellular superoxide dismutase [C	Sod3	SODE MOUSE	27 kDa	0	0	0	0	0	0	4	4	2	3	1	3	0	0	3	2		0.70				0.3486	0.0377	0.0728
3152	Hematopoietic progenitor cell antigen	Cd34	CD34 MOUSE	41 kDa	0	0	0	0	0	0	3	2	1	3	2	6	0	0	2	4		1.83				0.3033	0.0742	0.0927
3153	Crk-like protein	Crkl	CRKL MOUSE	34 kDa	0	0	0	0	0	0	2	2	0	1	1	0	0	0	1	1		0.50				0.4382	0.1835	0.1835
3154	Deoxyguanosine kinase, mitochondria	Dguok	DGUOK MOUSE	32 kDa	0	0	0	0	0	0	1	0	0	3	3	3	0	0	0	3		9.00				0.0153	0.4226	
3155	TP53-regulating kinase	Tp53rk	PRPK MOUSE	27 kDa	0	0	0	0	0	0	0	0	1	2	0	2	0	0	0	1		0.50				0.4382	0.0572	0.4226
3156	Ubiquitin-like protein ISG15	Isg15	ISG15 MOUSE	18 kDa	0	0	1	0	0	0	3	7	5	0	0	3	0	0	5	1	0.00	0.20	15.00		0.4226	0.0601	0.0469	0.4226
3157	Ras-related protein Rab-5B	Rab5b	RAB5B MOUSE	24 kDa	2	1	2	1	1	1	1	2	1	1	2	1	2	1	1	1	0.60	1.00	0.80	1.33	0.1835	1.0000	0.5185	0.4226
3158	WD repeat-containing protein 5	Wdr5	WDR5 MOUSE	37 kDa	0	1	1	0	0	0	1	1	2	1	2	0	1	0	1	1	0.00	0.75	2.00		0.1835	0.6495	0.2302	0.2254
3159	cAMP-regulated phosphoprotein 19	Arpp19	ARP19 MOUSE	12 kDa	1	0	1	0	1	3	1	1	1	1	0	0	1	1	1	0	2.00	0.33	1.50	0.25	0.5384	0.1835	0.4226	0.3785
3160	Junctional adhesion molecule A	F11r	JAM1 MOUSE	32 kDa	0	1	0	0	1	0	1	1	2	3	4	5	0	0	2	4	1.00	3.00	4.00	12.00	1.0000	0.0248	0.1012	0.0100
3161	Proteasome subunit beta type-9	Psmb9	PSB9 MOUSE	23 kDa	0	1	0	0	0	0	3	2	1	1	3	2	0	0	2	2	0.00	1.00	6.00		0.4226	1.0000	0.0824	0.0742
3162	Histone-binding protein RBBP7	Rbbp7	RBBP7 MOUSE	48 kDa	0	0	0	0	0	0	3	0	2	2	4	0	0	2	3	3		1.60				0.4204	0.1994	0.0572
3163	Lysophosphatidic acid phosphatase ty	Acp6	PPA6 MOUSE	48 kDa	0	0	0	0	0	0	1	1	2	2	0	2	0	0	1	1		1.00				1.0000	0.0572	0.1835
3164	Trans-1,2-dihydrobenzene-1,2-diol de	Dhdh	DHDH MOUSE	36 kDa	0	0	0	0	0	0	2	2	0	3	4	2	0	0	3	2		2.25				0.1332	0.1835	0.0351
3165	Glutathione S-transferase Mu 7	Gstm7	GSTM7 MOUSE	26 kDa	1	4	1	2	3	6	0	0	0	0	2	4	0	0	1	0	1.83		0.00	0.00	0.3483		0.1835	0.0927
3166	Ectonucleoside triphosphate diphosph	Entpd1	ENTP1 MOUSE	57 kDa	0	0	0	0	0	0	1	0	2	0	0	1	0	0	1	0		0.33				0.3868	0.2254	0.4226
3167	Golgi-associated plant pathogenesis-r	Glipr2	GAPR1 MOUSE	17 kDa	0	0	0	0	0	0	2	1	1	5	0	2	0	0	1	2		1.75				0.5656	0.0572	0.2495
3168	Tissue alpha-L-fucosidase	Fuca1	FUCO MOUSE	52 kDa	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	2						0.0377		0.0377
3169	Nucleoplasmin-3	Npm3	NPM3 MOUSE	19 kDa	3	3	2	3	2	1	2	3	1	1	2	1	3	2	2	1	0.75	0.67	0.75	0.67	0.3868	0.3868	0.3868	0.3868
3170	PRA1 family protein 2	Praf2	PRAF2 MOUSE	19 kDa	1	1	0	1	1	1	1	1	2	1	1	2	1	1	1	1	1.50	1.00	2.00	1.33	0.4226	1.0000	0.2302	0.4226
3171	Coiled-coil domain-containing protein	Ccdc58	CCD58 MOUSE	17 kDa	2	2	2	2	1	2	2	1	0	3	2	4	2	2	1	3	0.83	3.00	0.50	1.80	0.4226	0.0705	0.2254	0.1336
3172	Casein kinase II subunit beta	Csnk2b	CSK2B MOUSE	25 kDa	4	2	0	2	1	0	2	3	2	1	3	1	2	1	2	2	0.50	0.71	1.17	1.67	0.4961	0.4382	0.8042	0.4926
3173	Ras-related protein Ral-A	Rala	RALA MOUSE	24 kDa	0	0	0	0	2	1	2	2	3	1	3	3	0	1	2	2		1.00		2.33	0.2254	1.0000	0.0196	0.2065
3174	Tumor necrosis factor alpha-induced p	Tnfaip8	TFIP8 MOUSE	23 kD

3232	Angiotensinogen	Agt	ANGT MOUSE	52 kDa	0	0	0	0	0	0	0	2	3	1	1	0	0	0	2	1			0.40				0.3785	0.1994	0.1835
3233	Protein phosphatase 1B	Ppm1b	PPM1B MOUSE	43 kDa	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	1							0.2254		0.2254
3234	Cathepsin G	Ctsg	CATG MOUSE	29 kDa	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1							0.4226		0.4226
3235	V-type proton ATPase subunit F	Atp6v1f	VATF MOUSE	13 kDa	0	2	0	1	2	2	1	1	2	1	0	2	1	2	1	1	2.50	0.75	2.00	0.60	0.2739	0.6495	0.4382	0.3868
3236	Ig kappa chain V-III region PC 2880/P	1 SV	KV3A1 MOUSE	12 kDa	0	0	0	0	0	1	2	1	1	2	3	8	0	0	1	4		3.25		13.00	0.4226	0.2451	0.0572	0.1602
3237	Protein S100-A13	S100a13	S10AD MOUSE	11 kDa	0	1	0	0	0	1	2	2	2	2	1	4	0	0	2	2	1.00	1.17	6.00	7.00	1.0000	0.7418	0.0377	0.1394
3238	Bcl-2-like protein 13	Bcl2l13	B2L13 MOUSE	47 kDa	1	0	0	0	1	0	1	0	0	1	1	2	0	0	0	1	1.00	4.00	1.00	4.00	1.0000	0.1012	1.0000	0.1012
3239	39S ribosomal protein L14, mitochond	Mrpl14	RM14 MOUSE	16 kDa	1	1	1	1	0	0	0	0	2	1	0	0	1	0	1	0	0.33	0.50	0.67	1.00	0.1835	0.6856	0.6667	1.0000
3240	Phosphatidylinositol 5-phosphate 4-kir	Pip4k2b	PI42B MOUSE	47 kDa	0	0	0	0	0	0	0	1	1	1	0	2	1	0	0	1		1.00				1.0000		0.2254
3241	H-2 class I histocompatibility antigen,	H2-K1	HA1B MOUSE	41 kDa	0	0	0	0	0	1	0	0	0	5	5	7	0	0	0	6				17.00	0.4226	0.0136		0.0060
3242	Serum amyloid A-2 protein	Saa2	SAA2 MOUSE	14 kDa	0	0	0	0	0	0	0	2	7	3	0	0	0	0	4	0		0.00				0.1201	0.1201	
3243	Activating signal cointegrator 1 compl	Ascc1	ASCC1 MOUSE	41 kDa	2	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0.00		0.00		0.1994		0.1994	
3244	Serine/arginine-rich splicing factor 9	Srsf9	SRSF9 MOUSE	26 kDa	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	1		4.00				0.2739	0.4226	0.1835
3245	Carbonic anhydrase 9	Ca9	CAH9 MOUSE	47 kDa	0	0	0	0	0	0	0	0	0	3	2	1	0	0	0	2						0.0742		0.0742
3246	Bis(5'-adenosyl)-triphosphatase enpp4	Enpp4	ENPP4 MOUSE	52 kDa	0	0	0	0	0	0	2	0	0	0	1	0	0	0	1	0		0.50				0.6856	0.4226	0.4226
3247	Regulator complex protein LAMTOR2	Lamtor2	LTOR2 MOUSE	13 kDa	0	0	0	1	1	0	4	3	2	0	4	1	0	1	3	2		0.56		2.50	0.1835	0.3939	0.0351	0.4970
3248	Tubulin-folding cofactor B	Tbcb	TBCB MOUSE	27 kDa	0	0	2	1	0	0	1	1	0	0	1	0	1	0	1	0	0.50	0.50	1.00	1.00	0.6856	0.5185	1.0000	1.0000
3249	Zinc transporter ZIP11	Slc39a11	S39AB MOUSE	35 kDa	2	3	3	2	0	1	0	0	0	0	0	0	3	1	0	0	0.38		0.00	0.00	0.0824		0.0153	0.2254
3250	Dol-P-Man:Man(7)GlcNAc(2)-PP-Dol a	Alg12	ALG12 MOUSE	55 kDa	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0				0.00	0.4226			0.4226
3251	Beta,beta-carotene 9',10'-oxygenase	Bco2	BCDO2 MOUSE	60 kDa	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1						0.4226		0.4226
3252	Complement C1s-A subcomponent	C1sa	CS1A MOUSE	77 kDa	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0		0.00				0.4226	0.4226	
3253	cAMP-dependent protein kinase catal	Prkacb	KAPCB MOUSE	41 kDa	0	0	1	1	1	0	2	2	2	1	2	2	0	1	2	2	2.00	0.83	6.00	2.50	0.5185	0.4226	0.0377	0.1012
3254	Ribonuclease T2	Rnaset2	RNT2 MOUSE	30 kDa	1	1	0	0	1	0	2	1	2	2	1	2	1	0	2	2	0.50	1.00	2.50	5.00	0.5185	1.0000	0.1012	0.0474
3255	RNA-binding protein 8A	Rbm8a	RBM8A MOUSE	20 kDa	0	0	1	0	0	0	1	1	3	1	1	2	0	0	2	1	0.00	0.80	5.00		0.4226	0.6856	0.1734	0.0572
3256	Ig kappa chain V-V region L6 (Fragme	4 SV	KV5A6 MOUSE	13 kDa	0	0	0	0	0	0	1	0	0	3	2	3	0	0	0	3		8.00				0.0078	0.4226	0.0153
3257	Glutathione peroxidase 7	Gpx7	GPX7 MOUSE	21 kDa	0	0	0	0	0	0	2	1	2	0	0	0	0	0	2	0		0.00				0.0377	0.0377	
3258	Uridine phosphorylase 1	Upp1	UPP1 MOUSE	34 kDa	0	0	0	0	0	0	0	1	1	3	2	0	0	0	1	2		2.50				0.3785	0.1835	0.1994
3259	Ig lambda-2 chain C region	Iglc2	LAC2 MOUSE	11 kDa	0	0	0	0	0	0	0	0	0	2	4	4	0	0	0	3						0.0377		0.0377
3260	Pre-mRNA-splicing factor 38A	Prpf38a	PR38A MOUSE	37 kDa	0	0	2	0	0	0	1	0	1	0	0	0	1	0	1	0	0.00	0.00	1.00		0.4226	0.1835	1.0000	
3261	Metallothionein-2	Mt2	MT2 MOUSE	6 kDa	1	1	1	1	2	1	3	1	1	0	0	0	1	1	2	0	1.33	0.00	1.67	0.00	0.4226	0.1296	0.4226	0.0572
3262	Glycogenin-1	Gyg1	GLYG MOUSE	37 kDa	1	1	2	0	1	1	2	1	0	0	1	0	1	1	1	0	0.50	0.33	0.75	0.50	0.2302	0.3868	0.6495	0.5185
3263	E3 ubiquitin-protein ligase ARIH1	Arih1	ARI1 MOUSE	64 kDa	0	1	0	0	0	0	0	1	1	2	1	0	0	0	1	1	0.00	1.50	2.00		0.4226	0.6495	0.5185	0.2254
3264	Metalloproteinase inhibitor 3	Timp3	TIMP3 MOUSE	24 kDa	0	0	0	0	0	0	1	1	3	3	1	0	0	0	2	1		0.80				0.7791	0.1296	0.2697
3265	Sigma non-opioid intracellular recepto	Sigmar1	SGMR1 MOUSE	25 kDa	0	2	0	1	1	4	2	1	1	0	0	0	1	2	1	0	3.00	0.00	2.00	0.00	0.3379	0.0572	0.4382	0.1835
3266	Sphingomyelin phosphodiesterase 2	Smpd2	NSMA MOUSE	47 kDa	1	1	0	2	1	1	0	0	1	0	0	0	1	1	0	0	2.00	0.00	0.50	0.00	0.2302	0.4226	0.5185	0.0572
3267	Prolipoijod protein 2	Plp2	PLP2 MOUSE	17 kDa	0	0	1	0	0	1	2	1	2	2	0	3	0	0	2	2	1.00	1.00	5.00	5.00	1.0000	1.0000	0.0474	0.2697
3268	Secretory carrier-associated membrar	Scamp2	SCAM2 MOUSE	36 kDa	0	0	1	0	0	0	4	2	2	4	3	3	0	0	3	3	0.00	1.25	8.00		0.4226	0.4382	0.0535	0.0099
3269	Protein farnesyltransferase/geranylger	Fnta	FNTA MOUSE	44 kDa	0	0	0	1	0	0	2	2	1	1	1	0	0	0	2	1		0.40		2.00	0.4226	0.1012	0.0377	0.5185
3270	Serum amyloid A-1 protein	Saa1	SAA1 MOUSE	14 kDa	0	0	0	0	0	0	6	7	4	0	0	0	0	0	6	0		0.00				0.0234	0.0234	
3271	Histone deacetylase 10	Hdac10	HDA10 MOUSE	72 kDa	1	1	0	2	1	1	0	0	0	0	0	0	1	1	0	0	2.00		0.00	0.00	0.2302		0.1835	0.0572
3272	Dynein light chain Tctex-type 3	Dynlt3	DYLT3 MOUSE	13 kDa	0	0	0	2	1	1	0	0	0	1	1	0	0	1	0	1				0.50	0.0572	0.1835		0.2302
3273	Ig heavy chain V region 441	4 SV	HVM36 MOUSE	13 kDa	0	0	0	0	0	0	3	4	2	0	0	1	0	0	3	0		0.11				0.0246	0.0351	0.4226
3274	Mast cell protease 1	Mcpt1	MCPT1 MOUSE	27 kDa	0	0	0	0	0	0	0	0	0	2	7	3	0	0	0	4						0.1201		0.1201
3275	Carboxymethylenebutenolidase homol	Cmbl	CMBL MOUSE	28 kDa	0	0	0	0	0	0	0	0	0	2	1	3	0	0	0	2						0.0742		0.0742
3276	Neutrophil elastase	Elane	ELNE MOUSE	29 kDa	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	1						0.4226		0.4226
3277	Cell division cycle protein 123 homolo	Cdc123	CD123 MOUSE	39 kDa	1	3	3	3	0	0	0	0	0	0	0	0	2	1	0	0	0.43		0.00	0.00	0.3379		0.0728	0.4226
3278	NudC domain-containing protein 2	Nudcd2	NUDC2 MOUSE	18 kDa	0	0	1	0	1	1	1	1	3	1	0	1	0	1	2	1	2.00	0.40	5.00	1.00	0.5185	0.2739	0.1734	1.0000
3279	PHD finger-like domain-containing pro	Phf5a	PHF5A MOUSE	12 kDa	0	1	0	0	0	0	2	1	1	2	1	1	0	0	1	1	0.00	1.00	4.00		0.4226	1.0000	0.1012	0.0572
3280	E3 ubiquitin-protein ligase RING2	Rnf2	RING2 MOUSE	38 kDa	1	1	0	0	0	0	1	2	2	1	1	0	1	0	2	1	0.00	0.40	2.50		0.1835	0.1012	0.1012	0.1835
3281	Insulin-2	Ins2	INS2 MOUSE	12 kDa	1	1	1	0	2	2	0	0	2	0	0	1	1	1	1	0	1.33	0.50	0.67	0.25	0.6667	0.6856	0.6667	0.2739
3282	Quinone oxidoreductase-like protein 2	1 SV	QORL2 MOUSE	38 kDa	0	0	0	0	0	0	1	0	0	0	1	2	1	0	0	1		4.00				0.1012	0.4226	0.0572
3283	Mediator of RNA polymerase II transc	Med19	MED19 MOUSE	26 kDa	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	0		0.00				0.2254	0.2254	
3284	Dolichol-phosphate mannosyltransfera	Dpm3	DPM3 MOUSE	10 kDa	1	3	2	1	1	3	1	0	1	1	2	0	2	2	1	1	0.83	1.50	0.33	0.60	0.7250	0.6495	0.1336	0.4926
3285	Vesicle-associated membrane protein	Vamp3	VAMP3 MOUSE	11 kDa	1	1	1	0	0	1	1	1	1	2	1	4	1	0	1	2	0.33	2.33	1.00	7.00	0.1835	0.2697		0.1394
3286	Torsin-1B	Tor1b	TOR1B MOUSE	38 kDa	1	0	0	3	1	1	1	0	1	1	0	0	0	2	1	0	5.00	0.50	2.00	0.20	0.1734	0.5185	0.5185	0.1734
3287	Mediator of RNA polymerase II transc	Med11	MED11 MOUSE	13 kDa	1	1	0	1	0	0	3	1	0	1	2	1	1	0	1	1	0.50	1.00	2.00	4.00	0.5185	1.0000	0.5384	0.1012
3288	Selenoprotein P	Sepp1	SEPP1 MOUSE	43 kDa	0	1	0	0	0	0	2	1	1	0	1	1	0	0	1	1	0.00	0.50	4.00		0.4226	0.2302	0.1012	0.1835
3289	Lysozyme C-1	Lyz1	LYZ1 MOUSE	17 kDa	1	0	2	0	0	2	0	3	0	0	0	0	1	1	1	0	0.67	0.00	1.00	0.00	0.7250	0.4226	1.0000	0.4226
3290	Thiopurine S-methyltransferase	Tpmt	TPMT MOUSE	28 kDa	0	0	0	0	0	0	0	0	0	2	1	3	0	0	0	2						0.0742		0.0742
3291	Cold-inducible RNA-binding protein	Cirbp	CIRBP MOUSE	19 kDa	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	1		4.00				0.1012	0.4226	0.0572
3292	Hepatocyte growth factor activator	Hgfac	HGFA MOUSE	71 kDa	0	0	0	0	0	0	1	0	0	0	1	4	0	0	0	2		5.00				0.3841	0.4226	0.2999
3293	Protein FAM107B	Fam107b	F107B MOUSE	16 kDa	0	0	0	0	0	0	3	0	0	0	2	0	0	0	1	1		0.67				0.7972	0.4226	0.4226
3294	Heat shock protein beta-6	Hspb6	HSPB6 MOUSE	18 kDa	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	1						0.4226		0.4226
3295	Regulator complex protein LAMTOR3	Lamtor3	LTOR3 MOUSE	14 kDa	1	0	0	1	0	0	2	1	0	1	1	3	0	0	1	2	1.00	1.67	3.00	5.00	1.0000	0.4926	0.3868	0.1734
3296	Vacuole membrane protein 1	Vmp1	VMP1 MOUSE	46 kDa	2	2	1	1	2	0	1	0	1	0	1	0	2	1	1	0	0.60	0.50	0.40	0.33	0.3868	0.5185	0.1012	0.3868
3297	Cytochrome c oxidase subunit 7A-rela	Cox7a2l	COX7R MOUSE	12 kDa	0	2	1	0	0	0	1	0	0	0	1	1	1	0	0	1	0.00	2.00	0.33		0.2254	0.5185	0.3868	0.1835
3298	Elongation factor Ts, mitochondrial	Tsfm	EFTS MOUSE	35 kDa	0	0	0	0	0	0	0	1	0	3	2	2	0	0	0	2		7.00				0.0132	0.4226	0.0198
3299	WW domain-binding protein 2	Wbp2	WBP2 MOUSE	28 kDa	0	0	1	2	0	0	0	0	0	0	1	0	0	1	0	0	2.00		0.00	0.50	0.6856	0.4226	0.4226	0.6856
3300	Transmembrane protein 147	Tmem147	TM147 MOUSE	25 kDa	1	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	2.00		0.00	0.00	0.6856		0.4226	0.4226
3301	Beta-secretase 2	Bace2	BACE2 MOUSE	56 kDa	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	2						0.0377		0.0377
3302	Tryptase beta-2	Tpsb2	TRYB2 MOUSE	31 kDa	0	0	0	0	0	0	0	0	0	4	1	5	0	0	0	3						0.1091		0.1091
3303	Prostate stem cell antigen	Psca	PSCA MOUSE	13 kDa	0	0	0	0	0	0	0	0	0	1	3	6	0	0	0	3						0.1487		0.1487
3304	Importin subunit alpha-4	Kpna3	IMA4 MOUSE	58 kDa	1	1	2	1	0	0	2	0	2	0	0	1	1	0	1	0	0.25	0.25	1.00	1.00	0.1012	0.2739	1.0000	1.0000
3305	Essential MCU regulator, mitochondri	Smdt1	EMRE MOUSE	12 kDa	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1						0.4226		0.4226
3306	N-myc-interactor	Nmi	NMI MOUSE	35 kDa	0	0	0	0	0	0	1	0	0	1	1	2	0	0	0	1		4.00				0.1012	0.4226	0.0572
3307	Secreted frizzled-related protein 1	Sfrp1	SFRP1 MOUSE	35 kDa	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0		0.00				0.0572	0.0572	
3308	Insulin-like growth factor-binding prote	Igfals	ALS MOUSE	67 kDa	0	0	0	0	0	0	2	1	1	0	0	0	0	0	1	0		0.00				0.0572	0.0572	
3309	Phytanoyl-CoA dioxygenase domain-c	Phyhd1	PHYD1 MOUSE	32 kDa	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	1		2.00				0.6856	0.4226	0.4226
3310	Regulator complex protein LAMTOR5	Lamtor5	LTOR5 MOUSE	10 kDa	0	0	0	0	0	0	2	1	1	1	2	1	0	0	1	1		1.00				1.0000	0.0572	0.0572
3311	Dehydrogenase/reductase SDR family	Dhrs11	DHR11 MOUSE	28 kDa	1	0	1	0	0	0	1	2	1	1	0	0	1	0	1	0	0.00	0.25	2.00		0.1835	0.1012	0.2302	0.4226
3312	Four and a half LIM domains protein 3	Fhl3	FHL3 MOUSE	32 kDa	0	0	0	0	0	0	3	1	2	1	0	0	0	0	2	0		0.17				0.0824	0.0742	0.4226
3313	39S ribosomal protein L43, mitochond	Mrpl43	RM43 MOUSE	20 kDa	0	0	0	0	0	0	1	1	1	1	3	1	0	0	1	2		1.67				0.4226		0.1296
3314	Guanine nucleotide-binding protein G(	Gng2	GBG2 MOUSE	8 kDa	0	0	0	0	0	0	2	2	2	3	2	1	0	0	2	2		1.00				1.0000		0.0742
3315	Receptor expression-enhancing protei	Reep6	REEP6 MOUSE	22 kDa	1	3	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0.25	0.00	0.25	0.00	0.3785	0.4226	0.3785	0.4226
3316	C-type lectin domain family 10 membe	Clec10a	CLC10 MOUSE	35 kDa	0	0	0	0	0	0	1	2	1	0	0	2	0	0	1	1		0.50				0.4382	0.0572	0.4226
3317	UDP-N-acetylglucosamine--dolichyl-pl	Dpagt1	GPT MOUSE	46 kDa	0	0	0	1	2	0	0	0	0	0	1	0	0	1	0	0				0.00	0.2254			0.2254
3318	Peroxisomal biogenesis factor 19	Pex19	PEX19 MOUSE	33 kDa	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0						0.4226		0.4226
3319	Forkhead box protein P1	Foxp1	FOXP1 MOUSE	79 kDa	0	1	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0.00	0.00	2.00		0.4226	0.4226	0.6856	
3320	Metallothionein-1	Mt1	MT1 MOUSE	6 kDa	1	2	3	1	1	1	1	1	1	0	0	0	2	1	1	0	0.50	0.00	0.50	0.00	0.2254		0.2254	
3321	Cyclin-dependent-like kinase 5	Cdk5	CDK5 MOUSE	33 kDa	0	0	0	1	1	1	1	1	3	0	0	0	0	1	2	0		0.00		0.00		0.1296	0.1296	
3322	Keratin, type II cuticular Hb6	Krt86	KRT86 MOUSE	53 kDa	1	3	0	0	0	0	0	4	0	0	0	0	1	0	1	0	0.00	0.00	1.00		0.2697	0.4226	1.0000	
3323	Tumor necrosis factor receptor superf	Ngfr	TNR16 MOUSE	45 kDa	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1						0.4226		0.4226
3324	V-set and immunoglobulin domain-con	Vsig1	VSIG1 MOUSE	44 kDa	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1						0.4226		0.4226
3325	Dual oxidase maturation factor 2	Duoxa2	DOXA2 MOUSE	35 kDa	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1						0.4226		0.4226
3326	Mapk-regulated corepressor-interactin	Mcrip1	MCRI1 MOUSE	11 kDa	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0		0.00				0.4226	0.4226	
3327	Protein PBDC1	Pbdc1	PBDC1 MOUSE	22 kDa	2	1	2	1	1	0	0	0	2	0	0	1	2	1	1	0	0.40	0.50	0.40	0.50	0.1012	0.6856	0.2739	0.5185
3328	Apolipoprotein C-I	Apoc1	APOC1 MOUSE	10 kDa	0	0	1	0	0	0	3	2	1	0	0	0	0	0	2	0	0.00	0.00	6.00		0.4226	0.0742	0.0824	
3329	Serum amyloid A-4 protein	Saa4	SAA4 MOUSE	15 kDa	0	0	0	0	0	0	4	2	5	0	0	0	0	0	4	0		0.00				0.0533	0.0533	
3330	Ig kappa chain V19-17	Igk-V19-17	KV5A1 MOUSE	16 kDa	0	0	0	0	0	1	2	1	1	2	0	0	0	0	1	1		0.50		2.00	0.4226	0.4382	0.0572	0.6856
3331	High affinity immunoglobulin epsilon re	Fcer1g	FCERG MOUSE	10 kDa	0	0	0	0	0	0	2	4	2	0	0	0	0	0	3	0		0.00				0.0572	0.0572	
3332	Guanine nucleotide-binding protein G(	Gna11	GNA11 MOUSE	40 kDa	1	1	2	2	1	1	1	1	0	0	0	0	1	1	1	0	1.00	0.00	0.50	0.00	1.0000	0.1835	0.2302	0.0572
3333	Protein BUD31 homolog	Bud31	BUD31 MOUSE	12 kDa	0	0	2	1	2	1	0	0	0	1	1	0	1	1	0	1	2.00		0.00	0.50	0.4382	0.1835	0.4226	0.2302
3334	Gamma-glutamylaminecyclotransferas	Ggact	GGACT MOUSE	17 kDa	0	0	0	2	0	0	0	0	2	2	2	0	0	1	1	1		2.00		2.00	0.4226	0.5185	0.4226	0.5185
3335	Replication protein A 32 kDa subunit	Rpa2	RFA2 MOUSE	30 kDa	0	0	0	0	0	0	2	0	0	1	0	0	0	0	1	0		0.50				0.6856	0.4226	0.4226
3336	Fatty acid-binding protein, liver	Fabp1	FABPL MOUSE	14 kDa	0	0	0	0	0	0	1	2	0	0	0	0	0	0	1	0		0.00				0.2254	0.2254	
3337	Eosinophil cationic protein 1	Ear1	ECP1 MOUSE	17 kDa	0	0	0	0	0	0	2	1	1	3	1	1	0	0	1	2		1.25				0.6856	0.0572	0.1296
3338	StAR-related lipid transfer protein 5	Stard5	STAR5 MOUSE	24 kDa	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1						0.4226		0.4226
3339	Monocarboxylate transporter 1	Slc16a1	MOT1 MOUSE	53 kDa	1	0	0	0	0	0	0	1	0	2	0	0	0	0	0	1	0.00	2.00	1.00		0.4226	0.6856	1.0000	0.4226
3340	Sclerostin domain-containing protein 1	Sostdc1	SOSD1 MOUSE	23 kDa	0