

## Overexpression

## Normalized abundance

Accession	Peptide count	Unique peptides	Confidence score	Anova (p)	Max fold change	Description	EF-1a-1	EF-1a-2	EF-1a-3	EF-1a-4	Lv-ND2-1	Lv-ND2-2	Lv-ND2-3	Lv-ND2-4
I6XKQ3	4	1	18,1883	5,51E-10	19,90824	Speedy/RINGO cell cycle regulator family, member E4C OS=Mus musculus OX=10090 GN=Spdye4c PE=2 SV=1	125382,4	106695	95317,63	85996,78	44844,32	43360,82	35284,52	36189,68
A0A1D5RLG0;Q8BXT9	8	4	40,2419	4,67E-08	18,95847	Inactive hydroxysteroid dehydrogenase-like protein 1 OS=Mus musculus OX=10090 GN=Hsd11 PE=1 SV=1	8505,498	8594,172	6153,311	6001,511	2844,95	2547,024	1924,077	3413,37
Q91YD9	11	2	67,6549	1,21E-07	6,201708	Neural Wiskott-Aldrich syndrome protein OS=Mus musculus OX=10090 GN=Wasl PE=1 SV=1	72636,56	90153,71	89878,71	59449,2	47065	35242,55	34677,59	36240,89
Q9QXK7;A0A1Y7VLY3	6	3	27,5455	5,00E-07	12,26408	Cleavage and polyadenylation specificity factor subunit 3 OS=Mus musculus OX=10090 GN=Cpsf3 PE=1 SV=2	8161,847	11840,73	11450,23	7190,569	4402,225	2815,728	2248,14	2354,606
P70206	6	3	35,2794	2,28E-06	4,187967	Plexin-A1 OS=Mus musculus OX=10090 GN=Plxna1 PE=1 SV=1	5909,422	6488,632	5732,263	3996,328	3111,556	2469,912	2091,205	2579,107
G3X972;A0A286YD08;A0A286YDI8	37	14	239,3758	5,66E-06	2,879672	Sec24-related gene family, member C (S. cerevisiae) OS=Mus musculus OX=10090 GN=Sec24c PE=1 SV=1	6071,58	5739,105	3980,266	5229,527	3032,202	2560,841	3053,615	2819,393
Q61098;A0A0A6YWA3;Q8C257	4	1	23,7481	5,96E-06	5,148785	Interleukin-18 receptor 1 OS=Mus musculus OX=10090 GN=Il18r1 PE=1 SV=1	3904,859	4118,202	3688,729	3720,303	1237,333	1384,5	904,4264	2001,958
Q9WVE8;A0A2R8W6S4;A0A2R8W750;A0A338P6P7;Q3UP40	22	6	126,6069	8,37E-06	3,177449	Protein kinase C and casein kinase substrate in neurons protein 2 OS=Mus musculus OX=10090 GN=Pacsin2 PE=1 SV=1	11185,27	11304,93	9238,61	7027,133	5537,024	5441,767	4276,257	5342,994
Q60596	8	1	42,3606	1,33E-05	6,224797	DNA repair protein XRCC1 OS=Mus musculus OX=10090 GN=Xrcc1 PE=1 SV=2	39,68607	105,7464	40,33432	49,04708	264,6284	441,6548	267,2495	338,1972
Q00547	21	4	110,3384	1,56E-05	3,717662	Hyaluronan mediated motility receptor OS=Mus musculus OX=10090 GN=Hmnr PE=1 SV=4	3369,808	3103,303	3710,463	2074,54	1759,316	1455,45	1477,119	1454,579
O08842	7	1	42,2543	2,12E-05	89,64581	GDNF family receptor alpha-2 OS=Mus musculus OX=10090 GN=Gfra2 PE=1 SV=2	4303,178	4997,909	6381,121	3263,817	880,9697	569,2344	644,2394	782,3875
Q6ZQ06	5	2	33,7864	2,16E-05	2,013351	Centrosomal protein of 162 kDa OS=Mus musculus OX=10090 GN=Cep162 PE=1 SV=2	6943,551	5219,688	5317,064	5322,487	11556,21	10031,21	9468,599	8977,159
F7CJ77;J9S2Z5;J9S314;J9SVL3;J9T120;J9T153;Q5F4S6;Q5F4S7;Q5F4S8;Q5F4S9;Q5F4T0	10	1	48,2726	3,41E-05	95,51781	Transient receptor potential cation channel, subfamily M, member 3 OS=Mus musculus OX=10090 GN=Trpm3 PE=1 SV=1	117840,9	65361,54	121104	16371,43	53471,67	22759	8804,135	45214,7
Q9D6Z1;A2APD7;E0CXZ0;F6U250;F6USW7;F6V095;F7CHP9;F7CHQ7	57	18	399,6119	5,38E-05	3,201098	Nucleolar protein 56 OS=Mus musculus OX=10090 GN=Nop56 PE=1 SV=2	50365,99	56424,97	60694,48	30797,02	26776,15	26092,74	23478,37	20839,02
Q8C5U9	3	1	14,0532	6,73E-05	5,682066	Ubiquilin-3 OS=Mus musculus OX=10090 GN=Ubln3 PE=1 SV=1	3903,247	3924,592	5224,771	3551,497	2527,911	1136,506	2213,015	1290,359
G3UVU2;D3YW09;D3Z5A6	12	2	57,8821	6,74E-05	3,335313	Splicing factor 3A subunit 2 OS=Mus musculus OX=10090 GN=Sf3a2 PE=1 SV=1	45586,85	54381,2	70100,2	40547,19	33843,21	23765,06	19515,48	24074,71

Q5DW34;A0A0H2UH19;A0A1B0G XE2;A2AIS5;E9Q5A3;Z4YJZ7	18	2	92,399	7,60E-05	2,25311	Histone-lysine N-methyltransferase EHMT1 OS=Mus musculus OX=10090 GN=Ehmt1 PE=1 SV=2	13592,84	13371,18	13166,24	12337,11	38660,94	32322,53	25543,9	21687,4
P70352	5	1	32,4497	8,63E-05	30,10338	Ecto-ADP-ribosyltransferase 5 OS=Mus musculus OX=10090 GN=Art5 PE=2 SV=3	192,1534	568,413	1448,228	471,0212	122,5632	124,678	77,06247	104,9472
Q8CJ00	2	1	10,2842	9,88E-05	3,237022	NADPH oxidase activator 1 OS=Mus musculus OX=10090 GN=Noxa1 PE=1 SV=1	2809,74	3075,531	3390,684	2393,687	1390,324	1031,313	1609,635	1940,062
Q8C7X2;A0A1Y7VP81;Z4YJW0 P23492;A0A2I3BQH2;A0A2I3BS2 2;Q543K9;Q9D8C9	47	14	274,7362	0,000105	1,784956	ER membrane protein complex subunit 1 OS=Mus musculus OX=10090 GN=Emc1 PE=1 SV=1	10477,81	9485,857	9718,505	7867,373	5766,278	7185,979	6556,434	6674,167
	12	1	71,0948	0,000119	251,2039	Purine nucleoside phosphorylase OS=Mus musculus OX=10090 GN=Pnp PE=1 SV=2	1030,721	2916,355	2491,165	1792,681	85,94267	161,4802	139,0217	239,5822
Q64467;A0A0R4J0X7;S4R2G5	27	1	104,4078	0,000145	11,93281	Glyceraldehyde-3-phosphate dehydrogenase, testis-specific OS=Mus musculus OX=10090 GN=Gapdhs PE=1 SV=1	730,2056	1772,309	4380,647	2333,254	798,2026	801,362	928,7853	811,9673
Q8BJW5	1	1	3,9587	0,000445	1,362046	Nucleolar protein 11 OS=Mus musculus OX=10090 GN=Nol11 PE=2 SV=1	4937,034	4251,03	4231,391	4041,075	6165,135	6096,595	6100,693	5419,625
Q9JKV2;Q3UZZ3	13	1	49,4745	0,000601	7,977174	Serine/threonine-protein kinase ICK OS=Mus musculus OX=10090 GN=Cilk1 PE=1 SV=2	348,7099	545,3892	1535,32	421,6601	369,1826	160,8782	220,2431	245,1527
Q64339	3	1	17,367	0,000646	3,718721	Ubiquitin-like protein ISG15 OS=Mus musculus OX=10090 GN=Isg15 PE=1 SV=4	476,5136	1153,035	1215,983	798,2591	1963,861	1077,12	1294,08	1151,861
Q9JM76;A0A0G2JFK7;D3Z2F7;D3 Z2F8;H7BWZ3	14	4	108,5227	0,000761	1,120183	Actin-related protein 2/3 complex subunit 3 OS=Mus musculus OX=10090 GN=Arpc3 PE=1 SV=3	4665,781	4663,179	4779,736	4912,169	4671,236	4815,812	4846,818	5034,187
A2AQB2 P01901;A0A0B4J1G3;A0A494B9G 8;A0A494BA33;A0A494BAT0;G3U XW2;Q3TH01	48	7	226,7876	0,000796	2,438411	Nebulin OS=Mus musculus OX=10090 GN=Neb PE=1 SV=1	5035,186	4233,623	5849,473	3915,341	2502,461	2212,593	4199,259	2771,89
Q9CQ47	22	3	125,9615	0,000825	1,411142	H-2 class I histocompatibility antigen, K-B alpha chain OS=Mus musculus OX=10090 GN=H2-K1 PE=1 SV=1	5061,75	5847,939	5089,855	5044,46	3293,189	4051,238	3878,933	3689,391
Q9Z1T6;A0A087WQI1;D3Z5N5	2	1	12,525	0,000882	6,013698	Spermatid-associated-like OS=Mus musculus OX=10090 GN=Spertl PE=2 SV=1	34,33141	113,1096	80,57908	63,21654	669,1818	378,3266	334,9987	368,9019
D3YWT1;D3Z3N4	13	2	75,7189	0,001984	3,095223	1-phosphatidylinositol 3-phosphate 5-kinase OS=Mus musculus OX=10090 GN=Pikfyve PE=1 SV=3	1862,561	3162,849	4409,739	2853,362	1258,699	1245,177	609,1852	1633,296
P0DMR5	12	4	62,4128	0,002129	15,21139	Heterogeneous nuclear ribonucleoprotein H3 OS=Mus musculus OX=10090 GN=Hnrnp3 PE=1 SV=1	16020,99	21141,58	20457,81	1894,394	9344,18	5345,289	4726,954	7776,232
P06797	2	1	10,6922	0,002145	2,520611	TD and POZ domain-containing protein 1 OS=Mus musculus OX=10090 GN=Tdpoz1 PE=2 SV=1	3197,886	2468,836	1672,365	2479,713	3083,631	5253,094	2709,095	2988,547
A0A571BEN1;D3YU50	2	2	12,1054	0,002359	1,619653	Procathepsin L OS=Mus musculus OX=10090 GN=Ctsl PE=1 SV=2	4506,71	3963,726	3471,153	3270,654	4346,617	5287,25	4531,476	4527,488
P61759;Q3TIR6	5	1	36,1359	0,002432	2,112276	Myosin-binding protein C, slow-type OS=Mus musculus OX=10090 GN=Mybpc1 PE=1 SV=1	641,2884	403,8396	491	637,087	725,6654	735,5637	627,8902	738,2176
	18	5	100,7115	0,002938	1,517867	Prefoldin subunit 3 OS=Mus musculus OX=10090 GN=Vbp1 PE=1 SV=2	1843,898	1335,163	1444,899	1333,657	1143,057	1172,612	890,2905	1093,355

Q8R570;B2FDF6;I7HFU4;I7HPB1;J3J529	16	1	119,7456	0,003302	2,027237	Synaptosomal-associated protein 47 OS=Mus musculus OX=10090 GN=Snap47 PE=1 SV=1	1424,31	1655,187	1128,163	939,4758	746,5227	1180,553	1178,113	1069,892
E0CX93;Q0GE24	1	1	4,8577	0,003407	9,645511	Zinc finger protein GLIS3 (Fragment) OS=Mus musculus OX=10090 GN=Glis3 PE=3 SV=1	824,4308	918,1827	194,1697	382,4966	579,6578	148,7063	234,723	480,0527
Q64337;D3YZJ1	13	1	86,4872	0,003554	4,534742	Sequestosome-1 OS=Mus musculus OX=10090 GN=Sqstm1 PE=1 SV=1	535,7581	99,03914	348,9384	86,0823	475,2144	771,7317	870,3251	708,5522
O88990	73	7	518,7409	0,003665	1,438374	Alpha-actinin-3 OS=Mus musculus OX=10090 GN=Actn3 PE=2 SV=1	4693,159	4481,891	4919,935	4062,371	4239,842	3569,397	2823,502	3347,179
Q6P9P6	23	8	111,7936	0,003678	1,526532	Kinesin-like protein KIF11 OS=Mus musculus OX=10090 GN=Kif11 PE=1 SV=1	5906,589	5781,881	6177,65	5608,835	4661,923	3334,764	2998,764	4828,303
Q8CJF7	58	7	318,2337	0,004022	1,343409	Protein ELYS OS=Mus musculus OX=10090 GN=Ahctf1 PE=1 SV=1	6233,143	5885,992	5566,095	5677,304	5445,041	4915,232	3856,403	4461,064
Q9EQF6	7	1	50,1896	0,004086	1,726036	Dihydropyrimidinase-related protein 5 OS=Mus musculus OX=10090 GN=Dpysl5 PE=1 SV=1	234,2235	261,7241	252,4925	327,2138	402,3295	589,0048	479,6005	307,0406
F8VQN6	11	1	61,7389	0,004416	3,658725	Rho guanine nucleotide exchange factor 12 OS=Mus musculus OX=10090 GN=Arhgef12 PE=1 SV=1	1623,946	2856,504	747,61	1259,224	404,9642	312,0727	773,4335	282,6292
P55012	30	2	156,4967	0,004589	1,19502	Solute carrier family 12 member 2 OS=Mus musculus OX=10090 GN=Slc12a2 PE=1 SV=2	2811,033	3114,346	2704,29	2772,47	2997,408	3090,205	2703,682	2574,511
Q9QZE5;Q7TNQ1	48	12	345,8858	0,004606	1,265324	Coatomer subunit gamma-1 OS=Mus musculus OX=10090 GN=Copg1 PE=1 SV=1	6720,009	6255,01	5654,318	5913,297	5436,52	4749,73	4338,596	4871,473
Q8BLR2	3	1	12,9193	0,005352	1,669303	Copine-4 OS=Mus musculus OX=10090 GN=Cpne4 PE=1 SV=1	5890,507	4802,554	4433,94	4187,194	5791,164	5801,611	4735,289	4201,875
D3Z6I7;F6QLP8;F6RGN9	37	2	235,8786	0,00538	1,427514	Caldesmon 1 OS=Mus musculus OX=10090 GN=Cald1 PE=1 SV=1	1211,232	1166,205	1204,635	1278,186	1342,546	1622,026	1652,768	1185,08
Q9Z0X1;B1AU25	33	5	204,0613	0,006349	1,792769	Apoptosis-inducing factor 1, mitochondrial OS=Mus musculus OX=10090 GN=Aifm1 PE=1 SV=1	3985,847	2491,118	3987,083	3749,568	2795,075	2411,481	1850,551	2276,305
Q4VA53;F8WHU5 Q80X50;A0A0G2JDT1;A0A0G2JD V6;A0A0G2JE24;A0A0G2JFN7;A0 A0G2JG47;A0A0G2JGD0;A0A0H2 UH17	64	15	439,0185	0,006459	1,375665	Sister chromatid cohesion protein PD55 homolog B OS=Mus musculus OX=10090 GN=Pds5b PE=1 SV=1	1682,174	1853,991	1942,074	2144,811	2058,458	2402,605	2449,747	2529,678
Q7TSZ8	46	17	337,9794	0,007256	1,993152	Ubiquitin-associated protein 2-like OS=Mus musculus OX=10090 GN=Ubp2l PE=1 SV=1	52735,02	47513,49	40091,07	82177,57	29755,01	29476,13	25723,7	26685,98
G3UWS4;H3BKU1;H3BLE7;Q3TTF 6	2	1	8,5141	0,007697	2,046196	Nucleus accumbens-associated protein 1 OS=Mus musculus OX=10090 GN=Nacc1 PE=1 SV=1	562,904	544,9683	712,2225	587,9695	506,8661	625,2606	501,482	426,5179
A2CG49;D3Z4R2;D3Z532;D3Z534; D3Z535;F6QYT9	23	1	144,8014	0,007974	2,024989	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform OS=Mus musculus OX=10090 GN=Ppp2r1b PE=1 SV=1	241,2341	190,1523	115,0287	166,6053	257,4417	353,9723	399,1807	390,3017
	72	10	398,1417	0,008085	1,391599	Kalirin OS=Mus musculus OX=10090 GN=Kalrn PE=1 SV=1	15130,29	14814,78	17251,43	12219,26	17088,66	14107,08	13190,52	12380,19

P58069	3	2	25,3326	0,008326	1,424808	Ras GTPase-activating protein 2 OS=Mus musculus OX=10090 GN=Rasa2 PE=1 SV=2	272,1761	310,3249	317,19	355,0255	505,4237	430,6024	458,9868	384,1338
Q9D1E6	7	1	29,3339	0,008485	3,41305	Tubulin-folding cofactor B OS=Mus musculus OX=10090 GN=Tbcb PE=1 SV=2	419,8666	451,5094	806,8757	257,9664	309,1866	232,1551	201,6642	172,7358
P13439	26	5	183,5927	0,00878	1,428289	Uridine 5'-monophosphate synthase OS=Mus musculus OX=10090 GN=Umps PE=1 SV=3	3086,294	3067,926	2690,856	3007,296	2523,458	2487,955	2290,459	2697,487
Q8K4L0	16	2	87,9337	0,008886	3,385047	ATP-dependent RNA helicase DDX54 OS=Mus musculus OX=10090 GN=Ddx54 PE=1 SV=1	75,11673	103,1412	80,49832	90,87811	39,83723	125,2756	55,69444	39,72652
Q8R1V4;Q5SVW9	11	2	87,6631	0,008927	1,206743	Transmembrane emp24 domain-containing protein 4 OS=Mus musculus OX=10090 GN=Tmed4 PE=1 SV=1	2379,455	2421,055	2135,978	2161,568	2408,046	2684,07	2382,161	2384,905
E9QM38	29	1	161,5885	0,009359	1,174184	Solute carrier family 12 member 2 OS=Mus musculus OX=10090 GN=Slc12a2 PE=1 SV=1	533,2464	473,2626	580,903	508,23	484,6811	522,8854	522,1821	524,3108
Q8CIH9	22	7	139,5665	0,009715	1,224747	Amidophosphoribosyltransferase OS=Mus musculus OX=10090 GN=Ppat PE=1 SV=1	2182,97	2087,985	2273,511	2170,353	2143,603	1792,913	1825,13	1714,179
A0A087WRB8	26	1	149,6038	0,009868	1,581473	Dystonin (Fragment) OS=Mus musculus OX=10090 GN=Dst PE=1 SV=1	407,0609	567,7632	363,4722	446,0964	317,8537	360,3086	434,599	467,55
P56959;G3UXT7;G3UZD2;Q8CFQ9;Q91VQ2	33	9	224,5332	0,00999	1,503794	RNA-binding protein FUS OS=Mus musculus OX=10090 GN=Fus PE=1 SV=1	11148,06	8540,214	9176,209	6366,079	11042,5	12277,4	11031,84	10940,93
B1AVB1;A0A571BDL9;B1AVB2;B1AVB3;B1AVB4;B1AVB5;E9Q796	15	1	94,177	0,010066	1,748675	Scm polycomb group protein-like 2 OS=Mus musculus OX=10090 GN=Scml2 PE=1 SV=1	650,0826	570,1367	450,229	537,1985	441,9213	417,486	270,9143	284,9695
Q91YJ2;A0A338P7D2	8	1	43,2039	0,010184	1,269111	Sorting nexin-4 OS=Mus musculus OX=10090 GN=Snx4 PE=1 SV=1	2721,481	2803,861	2855,473	2551,793	2561,681	2269,295	2214,687	2692,854
Q8CFI7	40	13	233,6995	0,010525	1,525038	DNA-directed RNA polymerase II subunit RPB2 OS=Mus musculus OX=10090 GN=Polr2b PE=1 SV=2	3070,203	3101,719	4437,692	3334,974	4773,341	4531,639	4282,256	3828,017
Q80WW9	4	1	22,3347	0,010831	5,322492	DDRGK domain-containing protein 1 OS=Mus musculus OX=10090 GN=Ddrgk1 PE=1 SV=2	21,29398	47,13889	67,71042	17,40912	25,08126	81,81635	76,75589	29,10923
A2AL36;A0A0G2JE96;A2AS42;E9Q9E7;F6QP53;R4GML3;R4GML4	143	24	901,6701	0,011205	1,295476	Centriolin OS=Mus musculus OX=10090 GN=Cntrl PE=1 SV=2	2889,278	2776,47	3054,198	2301,642	2804,941	2546,234	3277,897	2914,393
Q3U0X6	4	1	22,5738	0,011572	1,3239	Zinc finger protein 217 OS=Mus musculus OX=10090 GN=Zfp217 PE=1 SV=1	1506,94	1758,778	1750,76	1736,811	1268,354	1307,532	1116,879	1408,293
A2A791	19	2	98,7675	0,011579	1,342976	Zinc finger MYM-type protein 4 OS=Mus musculus OX=10090 GN=Zmym4 PE=1 SV=1	1858,592	1776,448	2084,664	1596,376	2220,144	2282,831	1995,457	1868,044
P62627;A2AVR9	6	3	37,3199	0,011618	1,408428	Dynein light chain roadblock-type 1 OS=Mus musculus OX=10090 GN=Dynlrb1 PE=1 SV=3	386,9661	416,1582	467,3616	363,8991	313,9195	311,393	347,8021	239,8656
E9Q264	26	1	130,2705	0,011677	7,944184	Myosin, heavy chain 15 OS=Mus musculus OX=10090 GN=Mvh15 PE=1 SV=1	71,633	142,4278	28,08827	37,50062	38,92195	12,62142	84,88862	23,12216
P97329	3	1	13,6452	0,012014	1,25621	Kinesin-like protein KIF20A OS=Mus musculus OX=10090 GN=Kif20a PE=1 SV=1	2937,942	2551,019	2580,329	2583,727	2429,583	2467,168	2458,622	2978,579
Q9D0M5;D6RIN4	7	2	62,5017	0,012033	1,332814	Dynein light chain 2, cytoplasmic OS=Mus musculus OX=10090 GN=Dynll2 PE=1 SV=1	3758,849	3325,127	3127,308	2975,612	4283,698	3731,811	4821,043	4739,126
Q9Z2D7;A0A0N4SWA0;A0A0R4J0A8;Q3TU27	13	3	73,9762	0,012328	1,701972	Methyl-CpG-binding domain protein 4 OS=Mus musculus OX=10090 GN=Mbd4 PE=1 SV=1	829,9578	773,381	666,412	901,7582	487,9852	316,1216	426,9019	632,4226
O08663;M0QW48;M0QW69;M0QWM9;Q3TMN1;Q3UI33	32	9	238,1932	0,012843	1,297431	Methionine aminopeptidase 2 OS=Mus musculus OX=10090 GN=Metap2 PE=1 SV=1	1765,004	1450,272	1592,865	1391,975	1485,344	1291,087	1217,866	1233,331

Q8BG81;F6VR84;Q3UDD3	20	3	118,5005	0,012896	1,355144	Polymerase delta-interacting protein 3 OS=Mus musculus OX=10090 GN=Poldip3 PE=1 SV=1	1044,199	811,986	806,5223	850,5826	831,4953	849,1551	1045,401	877,6756
Q3UPH7	4	2	18,1594	0,013085	1,53473	Rho guanine nucleotide exchange factor 40 OS=Mus musculus OX=10090 GN=Arhgef40 PE=1 SV=1	1169,144	1240,923	787,7668	1296,382	783,336	814,977	601,5414	728,4894
Q9QY15	9	1	43,48	0,013288	1,38313	ATP-dependent RNA helicase DDX25 OS=Mus musculus OX=10090 GN=Ddx25 PE=1 SV=2	586,4387	547,2816	642,9455	402,3134	415,8413	393,9544	374,1738	391,4281
A7M7S6	4	1	18,7384	0,013337	3,092753	Hemoglobin X, alpha-like embryonic chain in Hba complex (Fragment) OS=Mus musculus OX=10090 GN=Hba-x PE=1 SV=1	870,8615	1325,902	1898,152	761,8531	623,1655	616,135	293,7949	1020,937
Q61029	29	4	228,1803	0,013432	1,193207	Lamina-associated polypeptide 2, isoforms beta/delta/epsilon/gamma OS=Mus musculus OX=10090 GN=Tmpo PE=1 SV=4	16920,69	16369,87	13671,74	16513,21	16247,74	17049,52	14718,97	15432,21
Q9EQY0	6	1	31,4257	0,013458	1,57647	Serine/threonine-protein kinase/endoribonuclease IRE1 OS=Mus musculus OX=10090 GN=Ern1 PE=1 SV=1	11480,62	7994,9	7089,226	6370,423	10947,44	11099,57	10301,35	9413,145
P58854	5	1	27,5269	0,013636	1,266343	Gamma-tubulin complex component 3 OS=Mus musculus OX=10090 GN=Tubgcp3 PE=1 SV=2	3470,932	2751,725	3131,681	3083,065	3291,594	4059,742	3561,079	4075,013
B2RT41	29	3	175,7028	0,014311	1,488181	Zinc finger, C3H1-type-containing OS=Mus musculus OX=10090 GN=Zfc3h1 PE=1 SV=1	2811,624	2543,535	2699,188	2150,517	2481,474	1637,856	1515,905	1625,644
Q80Y17	2	1	9,3973	0,014595	1,479481	Lethal(2) giant larvae protein homolog 1 OS=Mus musculus OX=10090 GN=Llg1 PE=1 SV=1	4525,541	3739,861	3733,852	2574,212	2741,21	2811,955	2290,885	2744,036
Q88207;A0A5F8MQ70	16	2	85,929	0,015346	2,453634	Collagen alpha-1(V) chain OS=Mus musculus OX=10090 GN=Col5a1 PE=1 SV=2	620,8117	999,1996	638,0979	1457,037	508,4881	347,143	413,2421	245,2673
Q64213;D3YVH4;D3YZC9;D3YZD0;E9Q4Q2;F8WHF9	27	8	216,8403	0,016014	1,481287	Splicing factor 1 OS=Mus musculus OX=10090 GN=Sf1 PE=1 SV=6	1976,474	2362,758	2403,507	1827,075	1653,78	2543,312	2493,797	2249,242
F6RLJ7;G3UY74;G3UZT9;Q69ZS8	3	1	16,5633	0,016359	5,404306	Kazrin (Fragment) OS=Mus musculus OX=10090 GN=Kazn PE=1 SV=1	17,41924	28,02911	361,4961	63,26299	55,79505	83,02798	110,6375	101,1255
O70250	24	3	130,778	0,016693	1,856414	Phosphoglycerate mutase 2 OS=Mus musculus OX=10090 GN=Pgam2 PE=1 SV=3	3510,384	4014,952	1848,685	3077,991	3205,522	2921,614	2367,184	2648,666
Q80SU7;H3BL64;L7N451	15	3	81,9021	0,01681	1,574927	Interferon-induced very large GTPase 1 OS=Mus musculus OX=10090 GN=Gvin1 PE=1 SV=1	554,718	485,8027	719,651	515,7824	645,3927	571,1809	933,2821	763,5391
P28474;A0A0G2JGS3	12	1	81,5346	0,016977	2,564403	Alcohol dehydrogenase class-3 OS=Mus musculus OX=10090 GN=Adh5 PE=1 SV=3	696,7273	356,505	895,5616	223,0354	1376,442	626,8657	1238,3	1202,38
P62827;Q14AA6;Q61820	34	14	182,0847	0,017536	1,318785	GTP-binding nuclear protein Ran OS=Mus musculus OX=10090 GN=Ran PE=1 SV=3	8241,792	10386,08	8626,551	9675,891	7996,721	7618,888	5978,198	6409,479
A0A0G2JFV8	4	1	28,3645	0,017615	1,918983	Polypyrimidine tract-binding protein 2 (Fragment) OS=Mus musculus OX=10090 GN=Ptbp2 PE=1 SV=1	1443,218	2509,85	2608,406	2009,804	1151,877	2104,792	1911,23	1471,041
Q8BGW1	13	2	68,2325	0,018161	2,26966	Alpha-ketoglutarate-dependent dioxygenase FTO OS=Mus musculus OX=10090 GN=Fto PE=1 SV=1	378,5715	286,6616	365,3023	348,5241	1387,523	667,0504	519,2193	556,2028

P47857;A0A2R8VHV2	40	7	266,0357	0,018833	2,082036	ATP-dependent 6-phosphofructokinase, muscle type OS=Mus musculus OX=10090 GN=Pfkm PE=1 SV=3	4710,642	4209,918	2389,884	2112,5	3245,922	2179,337	2511,098	2051,794
A2A4P0;A2A4N9	17	1	91,4492	0,019294	1,824007	ATP-dependent RNA helicase DHX8 OS=Mus musculus OX=10090 GN=Dhx8 PE=2 SV=1	523,1254	907,978	578,0617	554,8484	795,9596	451,3017	529,3891	552,8795
P01900	19	2	117,1317	0,020106	2,514859	H-2 class I histocompatibility antigen, D-D alpha chain OS=Mus musculus OX=10090 GN=H2-D1 PE=1 SV=1	74,51369	131,5893	98,27332	247,0037	181,2004	425,1032	363,5545	416,785
P14115	17	7	136,2274	0,020627	1,174669	60S ribosomal protein L27a OS=Mus musculus OX=10090 GN=Rpl27a PE=1 SV=5	29248,29	24149,87	25587,88	22733,82	23767,24	20990,03	20885,07	21324,6
P54099;D6RIP1;F6YLN2;F7BP45;Q75WCO	16	2	110,7155	0,020955	1,625768	DNA polymerase subunit gamma-1 OS=Mus musculus OX=10090 GN=Polg PE=1 SV=3	296,9175	293,9279	444,2248	329,8549	158,9093	250,5933	308,0661	154,6526
Q8BR86;A0A087WNNM9;A0A087WPC0;G5E8B6	15	2	84,4774	0,02382	3,867227	Kin of IRRE-like protein 3 OS=Mus musculus OX=10090 GN=Kirrel3 PE=1 SV=1	25,33363	30,02621	61,75378	38,39445	183,1592	67,05541	240,727	110,4434
Q8K4P0;A0A3Q4EGD8;Q8K1G7	6	3	26,5078	0,023835	2,147265	pre-mRNA 3' end processing protein WDR33 OS=Mus musculus OX=10090 GN=Wdr33 PE=1 SV=1	352,0756	645,4711	500,9741	290,9011	280,0524	565,6748	406,0837	231,725
Q8BMS4	8	1	60,1859	0,024098	1,847286	Ubiquinone biosynthesis O-methyltransferase, mitochondrial OS=Mus musculus OX=10090 GN=Coq3 PE=1 SV=1	487,8961	577,3155	403,3474	701,6096	649,5183	1294,264	947,6817	1117,459
Q9D883;A0A140LII6;A0A494B947;E9PUZ3;E9PWA1;G3UW94	13	4	106,6533	0,024363	1,468541	Splicing factor U2AF 35 kDa subunit OS=Mus musculus OX=10090 GN=U2af1 PE=1 SV=4	5502,509	6109,483	5201,512	3090,342	6587,771	6808,153	8449,703	7383,99
P81117;Q3UKN6	26	12	150,0149	0,024371	1,777021	Nucleobindin-2 OS=Mus musculus OX=10090 GN=Nucb2 PE=1 SV=2	2734,954	2825,807	2862,01	2285,053	2850,011	4694,943	2734,075	1885,18
P06837	22	11	165,8528	0,025204	1,439518	Neuromodulin OS=Mus musculus OX=10090 GN=Gap43 PE=1 SV=1	8030,431	8511,531	7311,551	7438,265	7433,27	4954,399	4162,829	5187,174
P41245	5	1	28,6851	0,025596	1,855925	Matrix metalloproteinase-9 OS=Mus musculus OX=10090 GN=Mmp9 PE=1 SV=2	436,9536	426,6843	516,1883	613,581	326,1391	459,805	248,4767	530,1177
P20357;A0A668KLC6;F7ALC8;G3UZE9;G3UZK9;Q3TLQ0;Q80X35;Q80ZL4	69	8	427,985	0,02617	1,310793	Microtubule-associated protein 2 OS=Mus musculus OX=10090 GN=Map2 PE=1 SV=2	1025,554	832,9624	1069,536	1077,735	1033,301	1332,004	1080,124	1298,762
P45878	10	2	80,7542	0,026412	1,384824	Peptidyl-prolyl cis-trans isomerase FKBP2 OS=Mus musculus OX=10090 GN=Fkbp2 PE=1 SV=1	4516,137	3044,337	4314,054	3008,155	4007,185	4481,597	4139,908	4386,973
Q8BI84;A0A0A6YX61;A0A0R4J2D3	114	25	724,9388	0,026477	1,57396	Transport and Golgi organization protein 1 homolog OS=Mus musculus OX=10090 GN=Mia3 PE=1 SV=2	12884,72	11269,3	8604,33	14469,52	13045,58	13655,54	17183,18	10173,09
Q02053	84	23	542,3737	0,027687	1,253068	Ubiquitin-like modifier-activating enzyme 1 OS=Mus musculus OX=10090 GN=Uba1 PE=1 SV=1	30423,36	25827,65	28618,09	25002,12	35159,21	29102,02	32625	26947,56
P56960;Q8K366	31	4	196,4836	0,027975	1,189415	Exosome component 10 OS=Mus musculus OX=10090 GN=Exosc10 PE=1 SV=2	10114,63	10841,39	12286,9	11088,57	11090,5	13232,87	12553,32	12508,72
Q8K1N4;A0A2R8VJN7;A0A2R8VJY7;A0A2R8W6M8;A0A2R8W6T4	30	4	182,3617	0,028032	1,209204	Spermatogenesis-associated serine-rich protein 2 OS=Mus musculus OX=10090 GN=Spats2 PE=1 SV=1	2431,329	2313,533	2430,719	2444,534	2389,838	3157,175	2618,246	2839,038

Q91Z31;A0A0G2JGW0;F7C521;Q3V328	42	13	298,827	0,028764	1,406778	Polypyrimidine tract-binding protein 2 OS=Mus musculus OX=10090 GN=Ptbp2 PE=1 SV=2	15399,35	18922,85	16789,15	18516,59	10765,13	17652,22	15090,86	14931,33
Q6KAU4	4	1	18,0083	0,028885	3,039712	Multivesicular body subunit 12B OS=Mus musculus OX=10090 GN=Mvb12b PE=1 SV=2	361,8917	395,3262	236,8709	239,7467	259,3131	115,7218	152,7023	85,0145
Q9CYR0	11	1	85,4628	0,029008	1,382881	Single-stranded DNA-binding protein, mitochondrial OS=Mus musculus OX=10090 GN=Ssbp1 PE=1 SV=1	1075,225	1228,982	1164,953	1553,069	1422,645	1651,281	2140,602	1730,616
Q8R0H9	11	2	41,6904	0,02915	6,704291	ADP-ribosylation factor-binding protein GGA1 OS=Mus musculus OX=10090 GN=Gga1 PE=1 SV=1	6,02251	27,66091	25,50375	14,59072	4,264466	4,790871	28,37323	6,438222
P84084	21	3	149,4569	0,029273	1,228738	ADP-ribosylation factor 5 OS=Mus musculus OX=10090 GN=Arf5 PE=1 SV=2	2335,919	2660,642	3113,92	2483,841	3622,544	2989,14	3350,887	3055,077
P99028	7	3	42,6556	0,029745	1,399954	Cytochrome b-c1 complex subunit 6, mitochondrial OS=Mus musculus OX=10090 GN=Uqcrh PE=1 SV=2	3603,236	2747,248	2538,244	2426,702	2901,915	3764,163	2777,146	2922,907
P35546	17	1	89,555	0,030187	1,233007	Proto-oncogene tyrosine-protein kinase receptor Ret OS=Mus musculus OX=10090 GN=Ret PE=1 SV=2	2048,764	1709,122	1577,841	1669,074	1860,85	2074,142	1866,877	1965,984
Q69ZS7;J3KMK0;Q3TGM7	26	1	161,1916	0,030648	1,858685	HBS1-like protein OS=Mus musculus OX=10090 GN=Hbs1l PE=1 SV=2	3725,862	7056,024	5412,233	6944,779	2854,388	2493,041	4706,397	2395,241
Q80VNO	7	2	33,3997	0,030872	1,504674	Cilia- and flagella-associated protein 100 OS=Mus musculus OX=10090 GN=Cfap100 PE=2 SV=2	1136,148	983,2358	1240,426	804,2759	910,0507	862,728	526,9867	538,6068
Q8BFQ4	6	1	44,5249	0,031716	3,422177	WD repeat-containing protein 82 OS=Mus musculus OX=10090 GN=Wdr82 PE=1 SV=1	2571,443	2339,023	1105,041	885,6931	1181,83	954,994	278,0422	682,7748
P29391;A0A1B0GR60;A0A1B0GRH4;A0A1Y7VNT9;P49945;Q9CPX4	24	11	164,2384	0,032426	1,267157	Ferritin light chain 1 OS=Mus musculus OX=10090 GN=Ftl1 PE=1 SV=2	60200,29	54482,77	49480,46	42521,15	58588,94	51697,52	45317,99	49223,6
Q9D8T7;F7DE82;F8WHU8	11	2	62,2181	0,032539	1,549385	SRA stem-loop-interacting RNA-binding protein, mitochondrial OS=Mus musculus OX=10090 GN=Slirp PE=1 SV=2	1824,018	1609,654	1284,038	1396,184	1405,69	1235,114	1591,184	842,2448
E9Q3G8;A0A286YCP2;A0A286YE24	25	9	133,7953	0,032547	1,235442	Nucleoporin 153 OS=Mus musculus OX=10090 GN=Nup153 PE=1 SV=1	19007,47	17060,29	17364,31	15857,58	24017,86	19620,86	21110,59	20854,01
P11881;A0A0N4SWH7	12	5	60	0,03301	2,595319	Inositol 1,4,5-trisphosphate receptor type 1 OS=Mus musculus OX=10090 GN=Itpr1 PE=1 SV=2	1055,734	1662,366	1334,654	2167,999	259,3748	1306,681	1165,077	1200,902
Q8BML9;A0A0A6YY08;A0A140LHB3;A0A140LHJ3;A0A140LHZ5;A0A140LID3;A0A140LIN2;A0A140LIR0;A0A140LIS6;A0A140LJH1;A0A140LJH2;A0A140LJK5;D3Z158	43	5	333,3343	0,033127	1,458927	Glutamine--tRNA ligase OS=Mus musculus OX=10090 GN=Qars1 PE=1 SV=1	4185,106	5515,907	4183,808	3306,315	2717,846	3682,884	2167,865	3214,819
Q8BGQ7	77	27	534,9106	0,033127	1,223969	Alanine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Aars1 PE=1 SV=1	21530,99	21264,32	22474,61	17585,25	18520,47	17888,84	16159,83	18280,13
Q99L48	16	1	111,234	0,033394	1,975803	60S ribosomal export protein NMD3 OS=Mus musculus OX=10090 GN=Nmd3 PE=1 SV=1	452,028	255,0183	577,6788	587,8479	586,4116	1177,132	877,3764	1058,915

Q8R550;B0R0Y8;E9Q0C1	17	1	108,8912	0,03354	1,714657	SH3 domain-containing kinase-binding protein 1 OS=Mus musculus OX=10090 GN=Sh3kbp1 PE=1 SV=1	1440,164	818,1978	1405,509	1069,776	685,5564	874,9543	1013,535	845,1012
Q60605;A0A1W2P6F6;A0A1W2P6G5;A0A1W2P7Q9	21	8	157,7511	0,033574	1,416167	Myosin light polypeptide 6 OS=Mus musculus OX=10090 GN=Myl6 PE=1 SV=3	29647,97	31830,48	33580,55	25046,1	15647,41	25581,16	21099,07	25671,42
Q8VCS3	6	3	37,2564	0,033938	1,217216	Glycosaminoglycan xylosylkinase OS=Mus musculus OX=10090 GN=Fam20b PE=1 SV=1	789,5108	922,7342	748,0447	894,7264	875,6552	1063,522	1046,531	1098,073
Q9D8E6	72	30	397,3221	0,034855	1,189181	60S ribosomal protein L4 OS=Mus musculus OX=10090 GN=Rpl4 PE=1 SV=3	41005,83	41361,27	34878,35	38108,97	39375,98	33471,76	36139,6	32052,32
Q9WTX8	13	1	68,7338	0,034861	1,760254	Mitotic spindle assembly checkpoint protein MAD1 OS=Mus musculus OX=10090 GN=Mad1l1 PE=1 SV=1	606,4839	487,4521	886,1851	1016,789	1351,593	1083,386	1324,595	1515,75
Q9CZ83	2	1	12,104	0,035057	1,98622	39S ribosomal protein L55, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl55 PE=1 SV=1	5290,363	4122,066	3388,238	2577,433	4869,325	8484,878	4247,892	4569,645
B1AWZ5;Q9CQE1	5	2	26,5379	0,035916	1,222659	Protein NipSnap homolog 3B OS=Mus musculus OX=10090 GN=Nipsnap3b PE=1 SV=1	2057,738	2092,601	1775,781	1864,516	1792,716	2287,547	1983,963	2118,205
A0A0N4S4W7;Q8BI73	1	1	3,7667	0,035975	1,400353	Zinc finger protein 775 (Fragment) OS=Mus musculus OX=10090 GN=Zfp775 PE=4 SV=1	231,435	246,2462	234,1788	338,0216	276,9172	432,8874	368,8843	326,5264
Q5QNNQ9;V9GXJ0;V9GXJ7	22	2	116,2592	0,036057	3,959146	Collagen alpha-1(XXVII) chain OS=Mus musculus OX=10090 GN=Col27a1 PE=2 SV=1	533,8085	970,709	1317,966	150,8271	210,9441	127,5394	223,2312	189,2834
Q9QYR9	17	3	93,756	0,036286	1,798268	Acyl-coenzyme A thioesterase 2, mitochondrial OS=Mus musculus OX=10090 GN=Acot2 PE=1 SV=2	418,4463	368,3027	262,427	490,696	332,3479	678,8932	537,7426	529,6583
Q8BIJ6;E9PWN2;E9PWN3	42	8	228,645	0,036665	1,388864	Isoleucine--tRNA ligase, mitochondrial OS=Mus musculus OX=10090 GN=lars2 PE=1 SV=1	1095,322	1346,324	1254,122	1080,451	1058,743	996,194	1443,737	785,085
Q7SIG6;D3YX85;E9PX52	10	1	49,7122	0,037362	1,611921	Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2 OS=Mus musculus OX=10090 GN=Asap2 PE=1 SV=3	2400,331	2783,169	1443,475	1690,117	1410,211	1971,988	1885,789	1665,411
Q9JIC3;S4R1N2	9	1	50,7405	0,038048	3,377258	DNA cross-link repair 1A protein OS=Mus musculus OX=10090 GN=Dclre1a PE=1 SV=2	1280,07	728,784	810,1922	1422,421	601,1313	872,6042	660,1795	819,1386
Q3TZR9	4	1	24,6848	0,038111	1,439411	Cyclic AMP-dependent transcription factor ATF- 7 OS=Mus musculus OX=10090 GN=Atf7 PE=1 SV=1	51277,33	65171,74	54801,46	44614,34	58923,08	35241,71	39820,88	45397,38
A0A1W2P6J6;A0A1W2P6K3;O54784	1	1	4,2883	0,041097	1,992595	Death-associated protein kinase 3 (Fragment) OS=Mus musculus OX=10090 GN=Dapk3 PE=1 SV=1	289,1678	319,0391	228,7538	178,6944	161,9202	94,98931	192,0125	60,79268
Q925J9	4	1	16,9799	0,04202	1,185956	Mediator of RNA polymerase II transcription subunit 1 OS=Mus musculus OX=10090 GN=Med1 PE=1 SV=2	488,5852	433,319	564,1942	593,6093	605,7929	573,7239	652,6566	634,2693
A0A087WS88;Q8K3V7	6	1	38,5352	0,042636	1,359859	Major intrinsically disordered Notch2-binding receptor 1 OS=Mus musculus OX=10090 GN=Minar1 PE=1 SV=1	1234,751	1904,116	1544,425	2022,662	1984,25	2014,087	2144,84	2278,112





Q35226	14	5	109,614	0,050117	1,601601	26S proteasome non-ATPase regulatory subunit 4 OS=Mus musculus OX=10090 GN=Psm4 PE=1 SV=1	4590,349	4400,224	4292,204	2204,447	3800,176	2907,996	3161,485	3527,332
Q6NXI6;A0A0G2JFN1;A0A0G2JFW6	22	3	125,1715	0,050555	1,380645	Regulation of nuclear pre-mRNA domain-containing protein 2 OS=Mus musculus OX=10090 GN=Rprd2 PE=1 SV=1	7712,221	7194,185	5966,454	6248,439	9555,346	7784,25	5551,736	7501,906
Q5BL07;A0A0G2JE39	7	1	37,5119	0,051356	1,498047	Peroxisome biogenesis factor 1 OS=Mus musculus OX=10090 GN=Pex1 PE=1 SV=2	185,8413	181,5634	102,8578	141,3103	108,5687	126,8389	145,6307	148,1791
O08638	147	5	1139,7967	0,051368	1,734375	Myosin-11 OS=Mus musculus OX=10090 GN=Myh11 PE=1 SV=1	415,6817	742,9307	547,5991	205,226	661,538	829,707	821,0655	640,6871
Q9QYC0;E9Q1K3;F6RDR0;F8WGR0;F8WHZ9	14	2	85,0834	0,051799	2,929151	Alpha-adducin OS=Mus musculus OX=10090 GN=Add1 PE=1 SV=2	1227,137	586,7835	468,7286	253,7596	177,5703	358,8462	191,5332	262,3661
P61407;A0A3B2W3Z0;E9PZ50;F2Z429	25	2	140,6818	0,052183	1,50587	Tudor domain-containing protein 6 OS=Mus musculus OX=10090 GN=Tdrd6 PE=1 SV=1	984,393	1337,711	836,544	1208,393	906,4655	618,6395	621,9234	752,9833
Q8BHN3	90	39	490,3297	0,052614	1,126064	Neutral alpha-glucosidase AB OS=Mus musculus OX=10090 GN=Ganab PE=1 SV=1	25418,54	22917,86	22930,11	23300,36	23962,99	27685,76	23893,4	24523,91
Q3UKJ7	30	6	191,811	0,052882	1,266777	WD40 repeat-containing protein SMU1 OS=Mus musculus OX=10090 GN=Smu1 PE=2 SV=2	2723,72	2719,674	2394,924	2602,228	2175,95	2898,818	2022,026	2312,916
Q3UH93;F6T0L5	20	2	116,094	0,052925	1,200174	Plexin-D1 OS=Mus musculus OX=10090 GN=Plxd1 PE=1 SV=1	8653,426	8571,105	7978,861	7322,598	5686,066	6848,409	6746,132	7820,461
Q8CI51;A0A0G2JEJ0;A0A0G2JGZ5;D9J2Z9;D9J300;D9J301;D9J302;D9J303;E9Q8P5;F8WJ16;Q9CRA2	17	2	97,3566	0,05333	2,266672	PDZ and LIM domain protein 5 OS=Mus musculus OX=10090 GN=Pdlim5 PE=1 SV=4	299,4863	112,3122	235,7281	89,83999	76,29805	154,3249	58,24306	86,73265
Q8VDM6	19	2	97,7731	0,053373	2,308417	Heterogeneous nuclear ribonucleoprotein U-like protein 1 OS=Mus musculus OX=10090 GN=Hnrnpul1 PE=1 SV=1	497,5186	464,6512	299,7204	772,4018	640,7053	511,4117	617,4639	1388,042
Q8JZM7	14	3	89,0647	0,0539	1,417123	Parafibromin OS=Mus musculus OX=10090 GN=Cdc73 PE=1 SV=1	1227,397	1001,379	1338,37	1249,543	687,9115	1268,405	1075,66	1111,301
P42669	11	1	54,7531	0,054292	1,453742	Transcriptional activator protein Pur-alpha OS=Mus musculus OX=10090 GN=Pura PE=1 SV=1	2439,729	1786,367	1959,656	1699,278	1830,386	1546,951	1068,009	978,6088
Q8BVE8;D3Z229;D3Z3E0;D3Z3E4;F6Y765	16	3	79,7407	0,054342	1,897225	Histone-lysine N-methyltransferase NSD2 OS=Mus musculus OX=10090 GN=Nsd2 PE=1 SV=2	926,3725	764,859	660,2136	1171,915	902,1594	869,1036	2133,058	1212,824
P70392;F7B9R2	6	1	37,6893	0,054511	2,685086	Ras-specific guanine nucleotide-releasing factor 2 OS=Mus musculus OX=10090 GN=Rasgrf2 PE=1 SV=2	3698,752	3724,14	3821,986	565,4826	8939,788	9881,685	4069,57	8820,788
Q91W50;A0A0G2JDJ7;A0A0G2JE62;A0A0G2JF72;Q8JZN2	50	14	338,1655	0,054566	1,235256	Cold shock domain-containing protein E1 OS=Mus musculus OX=10090 GN=Csde1 PE=1 SV=1	4424,02	3539,343	3219,393	3432,835	4290,679	3898,489	3592,086	3763,344
Q8BGW6	6	3	33,4419	0,055305	1,836952	Serine/threonine-protein kinase 32A OS=Mus musculus OX=10090 GN=Stk32a PE=2 SV=1	45,67647	85,811	64,14396	49,05388	33,03269	71,34074	70,57622	48,8919
Q8CCJ3	31	5	177,1851	0,055486	1,221164	E3 UFM1-protein ligase 1 OS=Mus musculus OX=10090 GN=Ufl1 PE=1 SV=2	1204,183	1501,924	1424,16	1257,722	939,0834	1207,375	1203,265	1141,502

						Probable global transcription activator SNF2L2														
H3BLH0;E9QAB8	28	1	187,8343	0,056146	3,497206	OS=Mus musculus OX=10090 GN=Smarca2 PE=1 SV=1	38,28456	176,4063	124,9745	17,21067	201,8336	302,5486	101,3643	429,0611						
Q91XY6	2	1	8,4675	0,057581	1,851968	Protocadherin gamma A2 OS=Mus musculus OX=10090 GN=Pcdhga2 PE=1 SV=1	350,8332	214,6566	145,1096	151,3914	110,1938	123,3917	147,6225	143,4979						
H3BJZ2	3	1	10,3654	0,057678	2,748246	Cadherin-related family member 4 OS=Mus musculus OX=10090 GN=Cdhr4 PE=1 SV=1	73,26947	156,6795	1212,056	232,943	446,6016	492,139	608,6354	158,7086						
O55135;A6PWZ2;B1AZQ4;D6RG53;D6RJJ3	11	5	105,4722	0,059242	1,191979	Eukaryotic translation initiation factor 6 OS=Mus musculus OX=10090 GN=Eif6 PE=1 SV=2	2563,605	2305,371	2874,987	2430,271	3085,182	2654,42	3200,991	3186,886						
P47964	10	1	80,8693	0,059494	1,238876	60S ribosomal protein L36 OS=Mus musculus OX=10090 GN=Rpl36 PE=1 SV=2	2503,655	2494,701	2538,876	1951,024	3450,688	2770,539	2549,769	2983,778						
Q3TRM8;E9Q3Z4;E9Q8S8	22	2	105,2452	0,061921	1,318012	Hexokinase-3 OS=Mus musculus OX=10090 GN=Hk3 PE=1 SV=2	1389,652	1646,864	1618,057	1598,336	1551,194	2462,931	1952,376	2274,904						
Q8VHG2;A0A067XG49;B1AXE9;F6QYS7;F6YMV1	7	2	42,0683	0,061996	1,37616	Angiomotin OS=Mus musculus OX=10090 GN=Amot PE=1 SV=3	21424,73	18096,28	14527,56	13545,69	21254,59	20432,05	15046,05	15993,33						
Q7TMF3;A0A0R4J275;F6RBR6	13	3	78,1048	0,062225	3,404611	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12 OS=Mus musculus OX=10090 GN=Ndufa12 PE=1 SV=2	205,4296	501,7982	565,8377	266,5509	138,0317	146,488	730,35	135,3951						
P14069	13	9	78,7431	0,062278	1,500991	Protein S100-A6 OS=Mus musculus OX=10090 GN=S100a6 PE=1 SV=3	1108,105	1031,873	1503,778	1316,958	1806,176	1388,495	2520,556	1730,759						
E9Q3V9;E9Q9Q9;F6YPP2;H7BX15;Q80TR1	9	1	60,7292	0,063394	3,156596	Adhesion G protein-coupled receptor L1 OS=Mus musculus OX=10090 GN=Adgrl1 PE=1 SV=1	6,904007	48,03603	36,79594	73,07343	45,02296	40,10177	124,3148	158,7594						
A0A5F8MPR4	31	4	179,8598	0,063443	1,120008	Xin actin-binding repeat-containing protein 2 OS=Mus musculus OX=10090 GN=Xirp2 PE=1 SV=1	2388,517	2778,799	2389,88	2641,573	2980,732	3042,012	2655,757	2744,201						
Q9DBT9	6	1	27,8719	0,064001	1,552952	Dimethylglycine dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Dmgdh PE=1 SV=1	265,4204	136,9207	324,1741	360,2605	333,3296	347,888	319,9749	322,4179						
P21661	6	2	43,6745	0,064716	1,321922	Neuroendocrine convertase 2 OS=Mus musculus OX=10090 GN=Pcsk2 PE=1 SV=1	2322,342	2074,311	1732,429	1683,506	1949,777	1702,771	1686,189	1407,348						
A2A8L5	19	1	81,4261	0,064883	1,773504	Receptor-type tyrosine-protein phosphatase F OS=Mus musculus OX=10090 GN=Ptpfrf PE=1 SV=1	185,9444	312,7035	384,9191	271,4694	133,5538	330,1439	275,9341	184,7951						
P14869;D3YVM5;S4R1N1	55	26	262,0628	0,065041	1,207255	60S acidic ribosomal protein P0 OS=Mus musculus OX=10090 GN=Rplp0 PE=1 SV=3	75214,17	64538,28	61424,17	55150,52	77691,62	62146,62	66782,27	69244,33						
A0A668KLG2	1	1	4,8489	0,065536	2,319349	Sorbin and SH3 domain-containing protein 1 (Fragment) OS=Mus musculus OX=10090 GN=Sorbs1 PE=1 SV=1	52,9681	150,9492	78,44748	146,5398	43,13925	45,18148	42,73338	53,87047						
Q9Z1X4;A0A1L1SQ69;A0A1L1SQR7;A0A1L1SR62;A0A1L1SSU8;A0A1L1ST48;A0A1L1STE4;A0A1L1SU19;Q45VK5	51	14	365,0911	0,066109	2,113681	Interleukin enhancer-binding factor 3 OS=Mus musculus OX=10090 GN=Ilf3 PE=1 SV=2	6017,294	6684,602	5763,148	2196,358	4022,571	4317,819	2822,178	2393,528						

P70232	7	1	35,9379	0,066271	2,656757	Neural cell adhesion molecule L1-like protein OS=Mus musculus OX=10090 GN=Chl1 PE=1 SV=2	5238,411	5010,917	2088,674	5815,439	2234,691	2102,643	339,5666	2156,033
Q9QXK3	43	6	266,2634	0,066292	1,268236	Coatomer subunit gamma-2 OS=Mus musculus OX=10090 GN=Copg2 PE=1 SV=1	2697,519	2584,635	2313,707	2352,929	1681,678	2371,319	1810,355	1981,234
Q924T3;A0A0R4J024	3	1	14,6031	0,066345	1,50926	DNA repair protein XRCC4 OS=Mus musculus OX=10090 GN=Xrcc4 PE=1 SV=1	796,4988	992,2102	1314,777	1045,897	1080,217	652,4103	625,5843	614,2226
Q99JR8;G3UXCO	17	1	130,2528	0,067611	1,146642	SWI/SNF-related matrix-associated actin- dependent regulator of chromatin subfamily D member 2 OS=Mus musculus OX=10090 GN=Smarcd2 PE=1 SV=2	34417,38	34294,96	32404,76	32334,28	33436,93	33922,24	31559,5	30112,9
Q80TK0;A0A1D5RL96;D3YUW2;Q3TEGO	15	3	66,1855	0,070264	2,722961	AP2-interacting clathrin-endocytosis protein OS=Mus musculus OX=10090 GN=Kiaa1107 PE=1 SV=6	1390,234	276,6115	775,6614	658,4306	400,0875	392,6659	433,6418	790,374
Q61464;A0A0N4SV38;A0A0N4SV80;A0A0N4SVI8;A0A0N4SVM8;E9QKZ7;E9QML5;Q3TZK9	70	10	427,3299	0,070322	1,325699	Zinc finger protein 638 OS=Mus musculus OX=10090 GN=Znf638 PE=1 SV=2	4916,463	4360,336	3837,954	5179,158	4390,929	2963,9	3271,759	4024,243
Q9ERU9	193	35	1222,1563	0,070567	1,261535	E3 SUMO-protein ligase RanBP2 OS=Mus musculus OX=10090 GN=Ranbp2 PE=1 SV=2	16021,43	12692,22	14529,44	10613,1	17236,63	18672,37	15870,66	14915,53
Q9EQ61;Q5SQ20	21	2	141,4279	0,070992	2,139705	Pescadillo homolog OS=Mus musculus OX=10090 GN=Pes1 PE=1 SV=1	44,06444	32,42862	755,4102	63,16789	515,8209	167,5501	428,9936	213,9338
Q6NXJ0	26	3	148,9131	0,071804	1,420957	Protein WWC2 OS=Mus musculus OX=10090 GN=Wwc2 PE=1 SV=1	2236,27	2503,402	1853,512	1728,342	1834,886	992,3808	1217,147	1811,867
Q5DTT3;A0A1Y7VLA4	35	5	197,0353	0,072523	1,217248	Protein TASOR 2 OS=Mus musculus OX=10090 GN=Tasor2 PE=1 SV=2	582,593	644,1822	666,1643	616,8979	531,4011	458,4543	578,5041	678,5371
P42125;A0A3Q4EC00;A0A452J8A5	12	1	86,2377	0,072617	1,273085	Enoyl-CoA delta isomerase 1, mitochondrial OS=Mus musculus OX=10090 GN=Eci1 PE=1 SV=2	1030,225	1024,324	979,0869	1209,47	744,8079	1024,949	1056,513	891,0618
Q9CQZ5;A0A2R8VI90	10	5	70,5313	0,072694	1,496837	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6 OS=Mus musculus OX=10090 GN=Ndufa6 PE=1 SV=1	169,5484	257,949	372,5876	352,2152	399,5933	427,4313	295,984	445,0513
Q91VN4;E9Q4M4	5	1	22,5487	0,07271	2,47171	MICOS complex subunit Mic25 OS=Mus musculus OX=10090 GN=Chchd6 PE=1 SV=2	19,66065	58,98654	17,06981	49,08579	146,9061	93,86085	63,04332	54,10021
V9GXT3;E9Q842;V9GX91	7	1	32,3083	0,07303	1,763706	Neuron navigator 2 OS=Mus musculus OX=10090 GN=Nav2 PE=1 SV=1	749,8615	582,8473	607,7906	780,4025	730,8654	293,747	594,7898	439,6833
Q8R1Q8	34	10	231,281	0,074788	1,91907	Cytoplasmic dynein 1 light intermediate chain 1 OS=Mus musculus OX=10090 GN=Dync1li1 PE=1 SV=1	8023,746	10177,77	10257,47	8623,163	4938,251	4641,753	4040,803	5702,179
E9PUU4	43	1	230,5641	0,074861	1,597155	Gem-associated protein 5 OS=Mus musculus OX=10090 GN=Gemin5 PE=1 SV=1	1766,063	1020,165	861,9925	894,2756	996,1525	694,9477	678,1304	981,5779
F8VFN4	6	1	35,36	0,074878	1,626443	Glycogen debrancher OS=Mus musculus OX=10090 GN=Agl PE=1 SV=1	541,7322	328,8482	687,8638	278,688	772,1083	745,6343	591,8573	621,4543
O08579;B7FAU5;I7HJ51;Q3THM8	15	6	105,2123	0,075093	1,353905	Emerin OS=Mus musculus OX=10090 GN=Emd PE=1 SV=1	3016,304	2766,663	1940,065	2308,452	2103,961	2716,341	1798,712	1878,832
Q6PGL7;A0A0N4SUJ0;A0A0N4SV74	23	1	124,1773	0,075124	1,768072	WASH complex subunit 2 OS=Mus musculus OX=10090 GN=Washc2 PE=1 SV=1	691,5818	871,9191	1127,962	836,9543	647,7179	1948,975	962,3081	1591,873

Q61207	22	2	150,4923	0,075468	1,649218	Prosaposin OS=Mus musculus OX=10090 GN=Psap PE=1 SV=2	7639,288	9379,707	5101,782	5451,273	6018,959	3897,749	2680,869	4120,684
Q61771	12	1	61,418	0,076217	1,50535	Kinesin-like protein KIF3B OS=Mus musculus OX=10090 GN=Kif3b PE=1 SV=1	264,9524	281,7115	151,603	243,8758	236,9376	284,158	188,834	195,8961
Q5SQX6;F6QD74	43	3	238,8367	0,076495	2,105666	Cytoplasmic FMR1-interacting protein 2 OS=Mus musculus OX=10090 GN=Cyfp2 PE=1 SV=2	9,083888	15,46616	36,2379	42,11584	47,90352	37,40519	65,17275	66,19955
Q62226	4	1	18,2432	0,077201	1,72304	Sonic hedgehog protein OS=Mus musculus OX=10090 GN=Shh PE=1 SV=2	694,2784	694,1584	656,3842	355,8125	671,014	740,433	513,564	337,0776
P20612;Q3V3I2	12	2	70,8066	0,077947	1,300153	Guanine nucleotide-binding protein G(t) subunit alpha-1 OS=Mus musculus OX=10090 GN=Gnat1 PE=1 SV=3	2293,862	1811,753	1593,578	1528,393	1616,944	1318,106	1298,118	1579,552
Q9D952	17	2	79,8931	0,078466	1,685902	Envoplakin OS=Mus musculus OX=10090 GN=Evpl PE=1 SV=3	290,7478	196,6655	394,3975	418,0308	369,853	481,0803	561,7072	778,7656
Q8K0D5	49	12	303,4224	0,078581	1,163994	Elongation factor G, mitochondrial OS=Mus musculus OX=10090 GN=Gfm1 PE=1 SV=1	12774,19	12316,09	11232,79	10493,64	12529,31	10526,4	10796,04	10322,81
Q9CR51	15	5	116,3058	0,078672	1,296186	V-type proton ATPase subunit G 1 OS=Mus musculus OX=10090 GN=Atp6v1g1 PE=1 SV=3	2209,278	2521,162	2751,521	1753,319	2763,115	2254,428	1798,155	2195,378
Q9Z127	15	2	115,4378	0,079314	1,639226	Large neutral amino acids transporter small subunit 1 OS=Mus musculus OX=10090 GN=Slc7a5 PE=1 SV=2	4129,658	2654,712	4071,365	2205,619	5437,322	5456,815	2562,079	6258,268
Q76KJ5	7	2	36,6261	0,079726	1,588899	DNA-directed RNA polymerase I subunit RPA34 OS=Mus musculus OX=10090 GN=Polr1g PE=1 SV=2	429,6235	678,3633	577,1859	837,0102	526,2097	632,4939	808,4259	673,2197
Q02248;D3YUH4;E9Q6A9	6	1	31,5624	0,079895	1,625889	Catenin beta-1 OS=Mus musculus OX=10090 GN=Cttnb1 PE=1 SV=1	466,3194	364,4604	305,1491	438,4539	366,6747	635,6065	672,88	715,7946
Q8VCG3;Q3UL50	5	1	25,2024	0,079926	8,504319	WD repeat-containing protein 74 OS=Mus musculus OX=10090 GN=Wdr74 PE=2 SV=1	39,39556	155,2167	55,51836	735,7795	72,35198	74,70292	38,01385	29,45055
G3X926;Q9JJ80;S4R1Y5;S4R2H5;S 4R2R2	18	2	138,3369	0,080337	1,353115	Ribosome production factor 2 homolog OS=Mus musculus OX=10090 GN=Rpf2 PE=1 SV=1	1033,156	899,0895	866,0445	703,2687	1017,554	1168,507	902,886	820,9422
P51150;A0A0N4SVG9;A0A0N4SV R6	29	9	207,4922	0,080613	1,268759	Ras-related protein Rab-7a OS=Mus musculus OX=10090 GN=Rab7a PE=1 SV=2	8507,656	6833,392	6809,698	6995,885	5162,708	6733,715	5455,108	5621,017
Q9D0E1;A0A3Q4EH91;A0A3Q4L2 X3;B8JK32;B8JK33;F6W322;F7C9 U3	103	37	709,8634	0,081407	1,398553	Heterogeneous nuclear ribonucleoprotein M OS=Mus musculus OX=10090 GN=Hnrnp PE=1 SV=3	29930,4	25487,77	22435,93	23258,19	22195,3	25687,75	12470,65	20147,51
P83882;A0A2I3BPG9	5	1	13,4282	0,081787	5,415789	60S ribosomal protein L36a OS=Mus musculus OX=10090 GN=Rpl36a PE=3 SV=2	0	0	84,8629	0,358005	0	77,6241	7,238841	176,8606
Q8C0P0	8	2	37,889	0,081803	1,704967	Serine/threonine-protein kinase greatwall OS=Mus musculus OX=10090 GN=Mastl PE=2 SV=2	229,5048	232,4953	206,4492	121,2587	155,5486	114,0696	47,46639	146,0962
Q9DCS9;D3YUK4	12	3	84,4819	0,08201	1,378146	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 OS=Mus musculus OX=10090 GN=Ndufb10 PE=1 SV=3	505,875	429,7152	436,0997	326,4782	402,4558	284,0561	422,4174	370,8324

Q99M87	21	1	143,2053	0,083191	4,255134	DnaJ homolog subfamily A member 3, mitochondrial OS=Mus musculus OX=10090 GN=Dnaja3 PE=1 SV=1	1476,616	1239,832	804,303	8045,669	1002,904	702,4773	654,5868	358,2583
A0A0R4J218;A0A0R4J223;E9PW24	34	2	209,3441	0,083327	1,614839	Plectin (Fragment) OS=Mus musculus OX=10090 GN=Plec PE=1 SV=1	333,0524	235,4822	272,5304	182,8221	431,2805	274,6857	638,8378	308,6087
Q9CQU0	10	2	48,0172	0,083466	1,141081	Thioredoxin domain-containing protein 12 OS=Mus musculus OX=10090 GN=Txndc12 PE=1 SV=1	7305,825	6262,275	6127,462	6375,003	6963,91	7281,492	6269,36	6624,359
P48036;A0A0G2JGQ0	25	5	223,0773	0,083498	1,280829	Annexin A5 OS=Mus musculus OX=10090 GN=Anxa5 PE=1 SV=1	3234,124	2315,622	3033,809	3271,713	2637,457	2706,154	3183,354	3723,924
Q80XJ3	13	1	61,305	0,083508	1,423572	Tetralicopeptide repeat protein 28 OS=Mus musculus OX=10090 GN=Ttc28 PE=1 SV=3	636,642	727,2355	580,7618	520,3304	872,3357	680,6103	492,7807	591,0325
E9PZ00;J3QPG5;K3W4L3;Q8BFQ1	22	1	144,8667	0,083649	2,908323	Prosaposin OS=Mus musculus OX=10090 GN=Psap PE=1 SV=1	5,75333	23,27499	36,20969	9,621269	13,48613	28,07978	10,21903	4,585157
Q922F4	111	4	430,6077	0,083827	1,486226	Tubulin beta-6 chain OS=Mus musculus OX=10090 GN=Tubb6 PE=1 SV=1	1086,692	747,1663	843,7532	584,7842	654,6504	711,0369	514,6657	859,0404
Q9ERK4;E9Q1T9;E9QAX7;F6ZEW4	61	18	415,3659	0,08389	1,681665	Exportin-2 OS=Mus musculus OX=10090 GN=Cse1l PE=1 SV=1	4930,771	9922,903	8518,865	7442,437	9808,575	15387,66	12408,98	6454,986
Q5SXJ3	6	1	34,311	0,084177	1,163629	Fanconi anemia group J protein homolog OS=Mus musculus OX=10090 GN=Brip1 PE=2 SV=1	937,3989	1042,562	914,6743	903,6882	900,2197	840,4265	755,8759	767,6832
O70591;F8WJ30	16	5	107,163	0,084221	1,203616	Prefoldin subunit 2 OS=Mus musculus OX=10090 GN=Pfdn2 PE=1 SV=2	15970,37	14464,15	14726,44	11676,9	16623,14	14609,75	13947,44	12976,71
A2AG50;A2AG51	20	6	133,1168	0,085748	1,388136	MAP7 domain-containing protein 2 OS=Mus musculus OX=10090 GN=Map7d2 PE=1 SV=1	4070,936	3330,673	2852,025	4951,514	4430,981	4220,907	4526,835	3438,485
P62702	54	34	306,2071	0,085956	1,12807	40S ribosomal protein S4, X isoform OS=Mus musculus OX=10090 GN=Rps4x PE=1 SV=2	46564,63	42223,36	42013,65	41003,16	46113,71	41336,55	38035,7	38609,72
E9QAQ5;Q9WV60	19	4	139,3158	0,086163	1,13526	Glycogen synthase kinase-3 beta OS=Mus musculus OX=10090 GN=Gsk3b PE=1 SV=1	5420,325	5573,327	4997,883	4919,667	6158,618	5071,685	5202,155	4932,194
Q91V41;A0A2R8VHW9;Q50HX3	22	1	176,8535	0,086236	1,562826	Ras-related protein Rab-14 OS=Mus musculus OX=10090 GN=Rab14 PE=1 SV=3	634,0923	510,2361	475,225	970,6616	659,8905	1058,941	869,7837	1134,986
Q62376;A0A1B0GR44;A0A1B0GR50;A0A1B0GR69;A0A1B0GRR8;A0A1B0GRV8;A0A1B0GSX5	26	9	156,6837	0,087167	1,306294	U1 small nuclear ribonucleoprotein 70 kDa OS=Mus musculus OX=10090 GN=Snrnp70 PE=1 SV=2	13557,61	12853,33	11642,02	13511,98	12439,8	11551,47	9638,959	13617,78
P17182;B0QZL1;B1ARR6;B1ARR7;Q6PHC1	102	30	602,619	0,087401	1,362399	Alpha-enolase OS=Mus musculus OX=10090 GN=Eno1 PE=1 SV=3	54640,92	54119,61	56206,12	49417,48	58293,22	29734,32	34505,18	34825,15
P57680	11	2	62,9514	0,087668	1,480168	Ellis-van Creveld syndrome protein homolog OS=Mus musculus OX=10090 GN=Evc PE=1 SV=2	290,2281	228,1968	284,2366	184,2435	312,4748	333,1637	529,9696	285,1772
Q8ROX7;D3YY13;D3YZT4;D3Z1Z3;D6REF7	21	5	134,8013	0,088056	1,172258	Sphingosine-1-phosphate lyase 1 OS=Mus musculus OX=10090 GN=Sgpl1 PE=1 SV=1	2443,896	2046,156	2776,482	2433,156	2605,89	2157,57	2499,777	2507,219
Q5RKR3;E9Q9N7	2	1	9,1604	0,088158	1,219564	Immunoglobulin superfamily containing leucine-rich repeat protein 2 OS=Mus musculus OX=10090 GN=Islr2 PE=1 SV=1	9093,866	7421,802	7732,317	6828,177	7302,242	5855,213	6146,449	6177,465

						SR-related and CTD-associated factor 4													
Q7TSH6	3	1	17,0643	0,088304	5,281062	OS=Mus musculus OX=10090 GN=Scaf4 PE=1 SV=1	111,0194	354,7995	216,7615	1245,958	138,2936	113,2623	69,65449	43,96971					
Q9Z1G3;A0A2I3BPD0	16	3	102,5281	0,088837	1,124861	V-type proton ATPase subunit C 1 OS=Mus musculus OX=10090 GN=Atp6v1c1 PE=1 SV=4	2106,804	2141,959	2209,936	1922,435	1707,746	2052,617	1954,496	2025,786					
Q9CRB9;D3Z0L4;F6QFLO;Q9D9P1;S4R238	25	4	145,8543	0,088901	1,918882	MICOS complex subunit Mic19 OS=Mus musculus OX=10090 GN=Chchd3 PE=1 SV=1	1398,933	659,6402	503,1133	1198,49	705,2243	989,2909	1148,023	1314,929					
Q8K2H4	17	2	103,0605	0,089339	1,5707	Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 1 OS=Mus musculus OX=10090 GN=Acap1 PE=1 SV=1	853,1969	1570,155	1545,849	1219,531	2390,791	1476,212	1592,546	1279,846					
Q80TJ1;A0A286YDH6;J3QJW3;K4DI76	18	4	86,7132	0,08949	1,091132	Calcium-dependent secretion activator 1 OS=Mus musculus OX=10090 GN=Cadps PE=1 SV=3	2076,787	2229,909	1933,389	2032,117	2149,031	2447,614	2119,181	2268,057					
P62900;A0A0A6YX26;A0A0A6YXL3	30	17	100,2701	0,089813	1,230928	60S ribosomal protein L31 OS=Mus musculus OX=10090 GN=Rpl31 PE=1 SV=1	8437,961	7396,763	6193,425	6992,807	7323,156	5995,457	4984,867	5695,336					
A0A494BA97;Q62422	9	1	69,4248	0,09058	3,311704	Osteoclast-stimulating factor 1 OS=Mus musculus OX=10090 GN=Ostf1 PE=1 SV=1	123,3181	51,16454	129,1786	381,6288	101,0324	62,93214	164,3845	229,4576					
Q3V036	4	1	17,8548	0,090671	1,554787	Coiled-coil domain-containing protein 27 OS=Mus musculus OX=10090 GN=Ccdc27 PE=2 SV=1	20412,2	16107,71	15016,42	20027,91	18594,57	12064,08	6370,618	9848,068					
Q91YU8	12	1	65,706	0,091009	1,862629	Suppressor of SWI4 1 homolog OS=Mus musculus OX=10090 GN=Ppan PE=1 SV=2	403,3784	612,1603	450,7222	356,7109	334,5458	588,3909	552,9757	205,662					
Q8CHI8	51	4	287,6257	0,091417	1,53789	E1A-binding protein p400 OS=Mus musculus OX=10090 GN=Ep400 PE=1 SV=3	1832,092	2686,275	3507,893	1996,521	2601,737	3177,351	2127,869	1838,745					
Q9D1D6;A0A2I3BPR1;A0A2I3BRW6	9	2	39,0316	0,092361	1,825923	Collagen triple helix repeat-containing protein 1 OS=Mus musculus OX=10090 GN=Cthrc1 PE=2 SV=2	316,3248	344,4823	310,8249	546,4802	109,581	322,3271	346,5875	427,2023					
O19441;E9PX63	11	1	91,3259	0,092548	1,987893	Histocompatibility 2, Q region locus 1 OS=Mus musculus OX=10090 GN=H2-Q1 PE=2 SV=1	746,9209	993,6781	759,4214	2175,386	725,4552	585,5214	739,9307	609,0212					
Q9D855;Q9CQB4	11	3	95,783	0,092775	1,173609	Cytochrome b-c1 complex subunit 7 OS=Mus musculus OX=10090 GN=Uqcrb PE=1 SV=3	3891,484	3496,294	3430,256	3718,507	3743,045	4825,455	3778,409	4713,303					
Q8CG76	11	2	56,8061	0,093023	1,397778	Aflatoxin B1 aldehyde reductase member 2 OS=Mus musculus OX=10090 GN=Akr7a2 PE=1 SV=3	1779,906	2375,363	1895,132	1441,9	2872,963	2229,186	2108,782	1873,007					
P63011	13	1	90,0155	0,093126	1,666198	Ras-related protein Rab-3A OS=Mus musculus OX=10090 GN=Rab3a PE=1 SV=1	2165,201	1351,242	1500,717	1261,895	4285,161	1792,103	1897,558	2134,552					
Q3TR73	6	1	28,1428	0,093288	1,47222	Nebulette OS=Mus musculus OX=10090 GN=Nebi PE=1 SV=1	144,411	79,2183	99,12619	116,2731	64,62659	70,36903	81,33524	81,87755					
Q8CG85;A0A0R4J0J7	3	1	18,7001	0,093303	1,734754	MAM domain-containing protein 2 OS=Mus musculus OX=10090 GN=Mamdc2 PE=1 SV=1	563,6835	580,3632	915,04	1008,515	778,2584	1907,626	1452,15	1183,501					
Q924Z4	6	1	40,2879	0,093641	1,661567	Ceramide synthase 2 OS=Mus musculus OX=10090 GN=Cers2 PE=1 SV=1	539,8097	328,6831	1075,605	418,6877	796,6077	513,8025	870,9553	859,9676					
Q8R010;Q8R3V2	17	4	123,1491	0,093873	1,174988	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2 OS=Mus musculus OX=10090 GN=Aimp2 PE=1 SV=2	8332,824	7744,225	8343,913	7148,458	7005,991	7301,479	7356,307	7179,079					

Q8BWZ3	26	6	127,0452	0,094336	1,646598	N-alpha-acetyltransferase 25, NatB auxiliary subunit OS=Mus musculus OX=10090 GN=Naa25 PE=1 SV=1	1301,039	1823,73	1288,141	1330,185	1894,525	2599,991	2114,888	2847,163
P17809	7	1	43,9055	0,094392	1,314682	Solute carrier family 2, facilitated glucose transporter member 1 OS=Mus musculus OX=10090 GN=Slc2a1 PE=1 SV=4	5489,701	4294,78	3180,224	4726,884	3161,865	5434,309	4349,535	4714,021
Q14C51;A0A0U1RQ61	43	6	278,5966	0,094655	1,324149	Pentatricopeptide repeat domain-containing protein 3, mitochondrial OS=Mus musculus OX=10090 GN=Ptc3 PE=1 SV=2	4394,553	3204,585	2572,965	3231,316	3091,216	4046,129	3390,274	3970,996
Q9CZW4;D3Z4I4;E9PUC2	24	1	154,1062	0,09512	1,353439	Fatty acid CoA ligase Acsl3 OS=Mus musculus OX=10090 GN=Acsl3 PE=1 SV=2	1709,074	1289,646	1066,204	1000,658	1103,16	1457,154	1114,7	1137,558
Q9WU40;D3YU56;E9QP59	14	2	80,5584	0,096133	1,295468	Inner nuclear membrane protein Man1 OS=Mus musculus OX=10090 GN=Lemd3 PE=1 SV=2	1466,022	1443,761	1038,903	1367,764	1077,805	1109,511	992,6476	923,9197
Q9ES52	7	1	32,804	0,097151	1,717714	Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1 OS=Mus musculus OX=10090 GN=Inpp5d PE=1 SV=2	492,972	429,692	428,12	288,763	870,2693	297,5674	459,6629	505,2706
Q3THK7	50	10	350,065	0,097679	1,242871	GMP synthase [glutamine-hydrolyzing] OS=Mus musculus OX=10090 GN=Gmps PE=1 SV=2	2922,019	3717,495	3846,69	3068,569	4876,714	3502,949	4371,278	4095,894
Q7TNV0;D3YVJ6;E9Q8Y1	18	4	120,0151	0,097794	1,526611	Protein DEK OS=Mus musculus OX=10090 GN=Dek PE=1 SV=1	1662,364	2313,914	2449,14	793,6176	2944,506	2263,307	2928,608	2884,236
Q9CS42	14	1	70,6481	0,098077	1,195806	Ribose-phosphate pyrophosphokinase 2 OS=Mus musculus OX=10090 GN=Prps2 PE=1 SV=4	955,5723	812,1095	748,0236	887,9193	843,1919	695,6808	565,2828	749,5832
P40124;B1ARSO	23	6	183,7289	0,09822	1,370267	Adenylyl cyclase-associated protein 1 OS=Mus musculus OX=10090 GN=Cap1 PE=1 SV=4	1925,124	2822,845	2399,884	2078,087	1613,509	1927,204	1969,943	1833,313
P11031	6	2	36,7057	0,098379	1,445384	Activated RNA polymerase II transcriptional coactivator p15 OS=Mus musculus OX=10090 GN=Sub1 PE=1 SV=3	561,8919	699,4521	764,5057	697,4237	1104,936	694,8985	789,2879	1347,054
Q6NSW3;A0A0R4J1Y6;E9PUC4	12	1	58,4387	0,098857	1,481525	A-kinase anchor protein SPHKAP OS=Mus musculus OX=10090 GN=Sphkap PE=1 SV=2	1441,112	1237,238	942,2436	1312,962	1028,706	1784,308	1388,758	1698,324
D3Z7A6	1	1	4,1067	0,099456	8,124369	Ephrin-A1 OS=Mus musculus OX=10090 GN=Efna1 PE=1 SV=1	0	118,4775	14,37039	294,3785	0	134,5658	0	33,44434
Q9CWX9;A0A0N4SVK2;A0A0N4S VT1;A0A0N4SWC5;D3YWF9;F6QK D2	22	3	177,8365	0,099927	1,408328	Probable ATP-dependent RNA helicase DDX47 OS=Mus musculus OX=10090 GN=Ddx47 PE=2 SV=2	1994,235	1994,37	1590,55	1564,784	1046,099	2070,427	1540,37	1271,262
Q62418	29	11	215,9107	0,100303	1,300764	Drebrin-like protein OS=Mus musculus OX=10090 GN=Dbnl PE=1 SV=2	6507,255	4618,718	5199,292	7872,036	5296,149	4804,31	4387,659	5127,115
P04223	21	2	130,2585	0,100379	1,437432	H-2 class I histocompatibility antigen, K-K alpha chain OS=Mus musculus OX=10090 GN=H2-K1 PE=1 SV=1	1272,59	910,2493	677,8602	1047,332	936,4702	1050,668	1295,226	1472,976
Q9CQ79;A0A0A6YVV3;A0A0A6Y WP9;A0A0A6YXY0	6	2	26,5919	0,10059	1,833656	Thioredoxin domain-containing protein 9 OS=Mus musculus OX=10090 GN=Txndc9 PE=1 SV=1	639,4864	600,8431	781,755	560,3506	917,633	538,7499	813,5636	770,0541



						cAMP-dependent protein kinase type I-beta regulatory subunit OS=Mus musculus OX=10090 GN=Prkar1b PE=1 SV=2	3516,107	2998,339	2533,323	2611,767	3112,912	3368,819	3108,816	2965,488
P12849;D3YTM5;D3Z068;D3Z0V6 Q91VH6;A0A3B2W4I2;A0A3B2W 7C9;A0A3F2YNL8	17	2	111,0769	0,100616	1,187854									
	14	6	90,2674	0,101294	1,289115	Protein MEMO1 OS=Mus musculus OX=10090 GN=Memo1 PE=1 SV=1	618,884	679,0788	910,6873	819,098	739,1673	907,1735	866,4052	1087,322
Q64355	3	1	19,5184	0,101461	5,154993	Embryonal Fyn-associated substrate OS=Mus musculus OX=10090 GN=Efs PE=1 SV=2	1,202629	25,70478	69,06815	0,165801	92,36481	16,31858	97,75061	48,93146
A0A0R4J093;Q9DBP5	15	4	93,7641	0,101494	1,159259	UMP-CMP kinase OS=Mus musculus OX=10090 GN=Cmpk1 PE=1 SV=1	1091,072	967,5486	929,2073	851,174	1005,448	898,3519	893,9611	942,1589
B1ASB6	5	1	24,2784	0,101641	1,756963	SPOC domain-containing protein 1 OS=Mus musculus OX=10090 GN=Spocd1 PE=1 SV=3	134,781	483,5967	486,0952	543,465	435,6412	500,2082	620,476	436,5274
Q8K0T2	1	1	4,664	0,103156	1,493071	Cytoplasmic dynein 2 light intermediate chain 1 OS=Mus musculus OX=10090 GN=Dync2li1 PE=1 SV=1	1070,498	613,1377	1006,559	438,3385	798,3791	974,7579	658,2625	678,3912
Q99MR6;A0A0G2JDF8;A0A0G2JG 65	45	8	300,7833	0,1035	1,295305	Serrate RNA effector molecule homolog OS=Mus musculus OX=10090 GN=Srrt PE=1 SV=1	8838,838	7469,016	6930,395	6775,867	7294,81	7458,279	4523,798	6186,851
Q9Z140;Q3UYN2	4	2	19,1478	0,103636	1,238756	Copine-6 OS=Mus musculus OX=10090 GN=Cpne6 PE=1 SV=1	905,3564	1381,688	1222,784	1132,67	1390,936	1696,707	1352,418	1217,829
Q8CH72;A2AGS1	3	1	18,917	0,103774	1,451032	E3 ubiquitin-protein ligase TRIM32 OS=Mus musculus OX=10090 GN=Trim32 PE=1 SV=2	2020,371	1184,386	1181,799	1156,941	1140,169	1235,987	1233,941	1187,442
E1U8D0;A2ACV6	36	4	183,9013	0,104203	1,678962	Protein SOGA1 OS=Mus musculus OX=10090 GN=Soga1 PE=1 SV=3	286,7284	264,0981	282,4734	295,5081	272,0428	332,0743	100,0887	436,1256
Q9D824;D3Z3F1	12	2	86,2571	0,104262	1,446796	Pre-mRNA 3'-end-processing factor FIP1 OS=Mus musculus OX=10090 GN=Fip1l1 PE=1 SV=1	1419,92	1196,527	1203,14	1196,122	951,3668	1252,09	459,8897	1058,346
Q91Z49	3	1	15,1997	0,10427	1,881805	UAP56-interacting factor OS=Mus musculus OX=10090 GN=Fytd1 PE=1 SV=1	1365,698	542,1003	684,9726	308,3964	891,0158	895,3304	290,2236	930,7753
Q5SS90	2	1	9,6551	0,104988	1,393598	Uncharacterized protein C7orf57 homolog OS=Mus musculus OX=10090 GN=Gm11992 PE=1 SV=1	1262,176	1603,859	981,396	1355,37	1177,196	1055,688	1343,514	865,6648
Q791V5;A2AFW6;Q9D050 P46638;E9Q3P9;F8WGS1;G3UY2 9;G3UZD3;G3UZL4;P62492	19	11	82,7308	0,105402	1,239201	Mitochondrial carrier homolog 2 OS=Mus musculus OX=10090 GN=Mtch2 PE=1 SV=1	2399,792	3062,555	2213,878	3367,207	3398,402	3669,272	2995,187	3622,172
	29	10	158,3305	0,105428	1,184538	Ras-related protein Rab-11B OS=Mus musculus OX=10090 GN=Rab11b PE=1 SV=3	10470,99	8289,09	8486,03	8450,773	11599,7	10299,9	11481,8	8902,897
G3UZJ9	2	1	10,64	0,105818	1,941556	RNA-binding motif, single-stranded-interacting protein 3 (Fragment) OS=Mus musculus OX=10090 GN=Rbms3 PE=1 SV=1	517,6563	381,1869	436,9481	196,7608	543,6269	282,8657	210,6311	286,7749
Q6ZQ73	6	3	31,6987	0,106087	1,273497	Cullin-associated NEDD8-dissociated protein 2 OS=Mus musculus OX=10090 GN=Cand2 PE=1 SV=2	1355,611	1776,552	1552,837	1203,423	1231,223	1234,092	1259,009	899,4961
P27048;A0A0G2JGN4 E9Q394;A0A140LID7;A0A140LIX0 ;A0A140LJ5	19	1	139,1029	0,10696	1,599192	Small nuclear ribonucleoprotein-associated protein B OS=Mus musculus OX=10090 GN=Snrpb PE=1 SV=1	9376,334	5963,767	8710,648	4804,522	9373,725	6992,165	6961,681	5608,11
	70	7	381,9464	0,106993	1,608089	A-kinase anchor protein 13 OS=Mus musculus OX=10090 GN=Akap13 PE=1 SV=1	1697,546	1339,078	1636,635	1301,897	1502,68	2194,026	3697,366	2214,509

Q9CZ42;J3QMM7;J3QN06;J3QPU6;K3W4M4	17	2	136,5199	0,10736	1,122801	ATP-dependent (S)-NAD(P)H-hydrate dehydratase OS=Mus musculus OX=10090 GN=Naxd PE=1 SV=1	4373,24	3591,646	4140,316	4254,769	4228,294	4467,458	3837,225	4285,355
Q9JKX6;A0A0A6YVU1;A2ATT5	7	2	50,7726	0,107452	1,348651	ADP-sugar pyrophosphatase OS=Mus musculus OX=10090 GN=Nudt5 PE=1 SV=1	1661,818	1527,034	1592,521	1309,144	2058,337	1415,413	1540,088	1269,976
Q9R0Q7;D3Z7C6	11	4	83,6576	0,108043	1,410164	Prostaglandin E synthase 3 OS=Mus musculus OX=10090 GN=Ptges3 PE=1 SV=1	2180,693	3143,698	3707,858	2280,766	3271,43	3134,358	3433,123	2556,744
Q8BL66	68	9	356,3382	0,108368	1,208052	Early endosome antigen 1 OS=Mus musculus OX=10090 GN=Eea1 PE=1 SV=2	3068,457	3595,127	2654,318	3091,819	3620,272	3755,1	3050,052	3364,512
Q80U72	37	4	186,8537	0,109342	1,474043	Protein scribble homolog OS=Mus musculus OX=10090 GN=Scrib PE=1 SV=2	1008,89	1141,687	872,5872	1397,492	683,3099	852,9293	742,4805	720,2804
Q9JIH2	21	5	119,7899	0,109582	1,623702	Nuclear pore complex protein Nup50 OS=Mus musculus OX=10090 GN=Nup50 PE=1 SV=3	551,6364	466,8814	772,6721	427,186	459,1587	716,9523	247,6243	725,3109
Q9JJV2;D3YW53	9	1	69,2209	0,109649	1,449636	Profilin-2 OS=Mus musculus OX=10090 GN=Pfn2 PE=1 SV=3	9175,428	4718,184	5330,836	8935,471	5427,054	4245,919	4347,852	5404,691
Q52KI8;A2A8V8;A2A8V9;A2A983;E9PUK6;E9QKA4;F6T4M4	15	2	95,3797	0,110132	1,146162	Serine/arginine repetitive matrix protein 1 OS=Mus musculus OX=10090 GN=Srrm1 PE=1 SV=2	7473,418	6265,326	5719,545	6629,083	5882,43	6486,506	6033,566	5900,131
Q6NV83;A0A087WRG2	18	3	114,827	0,110269	1,586303	U2 snRNP-associated SURP motif-containing protein OS=Mus musculus OX=10090 GN=U2surp PE=1 SV=3	1427,065	2631,101	1656,73	2374,471	1516,74	3255,432	2264,103	2077,144
Q6P9R1	20	1	112,2633	0,110377	1,37316	ATP-dependent RNA helicase DDX51 OS=Mus musculus OX=10090 GN=Ddx51 PE=1 SV=1	984,2145	1121,868	1231,826	1093,289	1528,684	1249,994	1926,108	1379,958
Q6PD26	22	6	171,5055	0,110406	1,188432	GPI transamidase component PIG-S OS=Mus musculus OX=10090 GN=Pigs PE=1 SV=3	1647,508	1425,579	1309,198	1388,081	1351,659	1320,472	1016,026	1209,166
Q9D1J3;A0A1W2P6N2;A0A1W2P7G2	25	9	128,8769	0,111118	1,372112	SAP domain-containing ribonucleoprotein OS=Mus musculus OX=10090 GN=Sarnp PE=1 SV=3	10966,96	7776,807	6690,817	9138,95	6935,221	7423,817	5367,776	5470,506
Q5SWU9;A0A0R4J1S9;V9GWSO	83	9	496,0829	0,111375	1,257837	Acetyl-CoA carboxylase 1 OS=Mus musculus OX=10090 GN=Acaca PE=1 SV=1	2726,602	1878,612	1835,281	1696,014	2051,381	1818,491	1914,025	1876,5
Q3URU2	5	2	22,5805	0,111755	3,805585	Paternally-expressed gene 3 protein OS=Mus musculus OX=10090 GN=Peg3 PE=1 SV=1	19,62603	120,0641	162,232	84,8487	23,09403	57,73329	124,1086	38,75816
Q3V2R3;A0A0N4SVE7;D3YXQ4	7	1	46,0168	0,112996	1,804247	Chimaerin OS=Mus musculus OX=10090 GN=Chn2 PE=1 SV=1	358,0921	100,8833	111,344	270,7694	174,2518	241,1011	122,6347	292,1017
P34884	8	2	59,323	0,113073	1,394643	Macrophage migration inhibitory factor OS=Mus musculus OX=10090 GN=Mif PE=1 SV=2	2092,475	1639,986	2610,74	1751,798	2452,289	1326,834	1806,696	2779,614
O70310	34	9	245,343	0,113262	1,250633	Glycylpeptide N-tetradecanoyltransferase 1 OS=Mus musculus OX=10090 GN=Nmt1 PE=1 SV=1	6220,992	4876,164	4291,163	4366,89	6101,797	5723,603	4940,973	4897,403
Q8KOV4	2	1	8,0324	0,113563	1,63272	CCR4-NOT transcription complex subunit 3 OS=Mus musculus OX=10090 GN=Cnot3 PE=1 SV=1	715,2174	1499,619	1231,842	1134,142	526,0579	1097,964	844,0494	692,2303
Q9D0D3;A0A3Q4L2Q3	6	1	28,8138	0,114188	1,338761	Poly(A) RNA polymerase, mitochondrial OS=Mus musculus OX=10090 GN=Mtpap PE=1 SV=1	146,5218	230,0179	148,5357	203,7171	202,2418	287,8804	256,0892	229,4675



Q9DB25;D6RCG2	13	1	84,3268	0,120252	1,252236	Dolichyl-phosphate beta-glucosyltransferase OS=Mus musculus OX=10090 GN=Alg5 PE=1 SV=1	24318,62	19853,2	18242,41	15593,33	18989,48	18043,94	16279,59	16159,06
A0A338P7H5	7	1	49,7396	0,120652	1,342222	Alpha-2-HS-glycoprotein OS=Mus musculus OX=10090 GN=Ahsg PE=1 SV=1	5008,176	5658,417	5882,961	4846,557	5494,373	2710,994	4059,186	4367,557
A0A087WS25	2	1	9,8393	0,121235	1,157504	DnaJ heat shock protein family (Hsp40) member C13 (Fragment) OS=Mus musculus OX=10090 GN=Dnajc13 PE=1 SV=1	330,1213	287,2909	330,9677	288,1721	272,3662	269,4388	274,5391	324,8358
Q62167	66	3	447,1384	0,122248	1,217839	ATP-dependent RNA helicase DDX3X OS=Mus musculus OX=10090 GN=Ddx3x PE=1 SV=3	22762,46	19755,2	16536,16	16786,3	16876,73	19748	15693,99	15310,59
P16381	56	2	353,1929	0,122248	1,217839	Putative ATP-dependent RNA helicase P110 OS=Mus musculus OX=10090 GN=D1Pas1 PE=1 SV=1	4097,064	3555,782	2976,379	3021,403	3037,678	3554,484	2824,795	2755,785
P47802;A0A6I8MWZ8;D3YVW0;D3Z3F4;G3UXX9;G3UYJ5;G3XA66;G3XA75;Q8R5C0	9	1	69,5334	0,12293	3,619446	Metaxin-1 OS=Mus musculus OX=10090 GN=Mtx1 PE=1 SV=1	931,7701	1535,291	165,209	1117,156	50,82935	559,1029	289,5683	136,4112
Q9D287;D6RGA5	19	5	121,7383	0,123378	1,304512	Pre-mRNA-splicing factor SPF27 OS=Mus musculus OX=10090 GN=Bcas2 PE=1 SV=1	9619,707	6379,519	7807,329	8624,54	6485,575	8188,196	5321,685	5661,001
F8VPK0	6	1	30,9917	0,123407	1,707911	Tetratricopeptide repeat domain 37 OS=Mus musculus OX=10090 GN=Ttc37 PE=1 SV=1	2238,023	1772,461	2102,906	2192,483	3318,062	1962,433	3690,866	3890,557
Q7TSC1;G3UX48	56	6	295,9815	0,123647	1,338546	Protein PRRC2A OS=Mus musculus OX=10090 GN=Prrc2a PE=1 SV=1	23238,82	19341,38	20613,12	17683,2	22050,51	15765,83	10608,39	11996,41
A2AMC3;Q3UXG7;Q91ZW2	9	1	50,5494	0,124009	1,549344	GDP-fucose protein O-fucosyltransferase 1 OS=Mus musculus OX=10090 GN=Pofut1 PE=1 SV=1	179,1756	362,5423	504,5019	235,4668	484,5437	338,4698	465,4193	324,4107
Q7TSI3	19	3	106,3243	0,124038	1,161545	Serine/threonine-protein phosphatase 6 regulatory subunit 1 OS=Mus musculus OX=10090 GN=Ppp6r1 PE=1 SV=1	745,8085	666,9019	641,9873	569,6111	561,9738	516,0776	540,9704	640,3033
Q3TDN2;D3YUP4;D3Z2H4	28	7	206,0392	0,124143	1,378447	FAS-associated factor 2 OS=Mus musculus OX=10090 GN=Faf2 PE=1 SV=2	6558,413	4462,197	4403,149	3808,132	5257,643	7130,011	4608,463	4691,849
Q91X78;E9PUH5	22	4	158,1547	0,1242	1,323094	Erlin-1 OS=Mus musculus OX=10090 GN=Erlin1 PE=1 SV=2	2474,758	2050,073	2045,606	3563,393	2229,552	1998,975	2021,317	1838,476
O55131;E9Q1G8;E9Q9F5	39	10	233,1252	0,124357	1,127701	Septin-7 OS=Mus musculus OX=10090 GN=Septin7 PE=1 SV=1	4114,017	4010,745	4026,881	4382,839	4041,42	4376,013	5010,71	5217,805
Q5SWD9	16	1	105,6121	0,124742	4,241715	Pre-rRNA-processing protein TSR1 homolog OS=Mus musculus OX=10090 GN=Tsr1 PE=1 SV=1	0	143,9979	47,14127	13,78358	187,769	161,6721	109,113	28,0243
A0A0A6YW89	3	1	16,5646	0,124892	1,574284	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 OS=Mus musculus OX=10090 GN=Pfkfb3 PE=1 SV=1	2679,516	2113,065	2528,241	2865,488	1415,679	2722,844	1190,201	1141,717
Q9ESK9;E9PX56;F7CC56	35	2	178,6325	0,125413	1,213669	RB1-inducible coiled-coil protein 1 OS=Mus musculus OX=10090 GN=Rb1cc1 PE=1 SV=3	351,1689	295,895	305,6799	390,488	413,2981	329,6488	305,9856	390,1436
P62897	20	7	122,457	0,125467	1,209476	Cytochrome c, somatic OS=Mus musculus OX=10090 GN=Cycc PE=1 SV=2	4502,568	3939,824	4080,965	4082,293	4521,925	5497,508	3455,788	4716,364

F6SSP6;Z4YLP1	6	1	28,4855	0,125683	1,304886	E3 ubiquitin-protein ligase UBR4 (Fragment) OS=Mus musculus OX=10090 GN=Ubr4 PE=1 SV=1	1427,639	1071,007	926,5229	811,9084	1275,327	1389,657	1216,553	1065,215
P45591	14	2	95,5927	0,125758	1,184869	Cofilin-2 OS=Mus musculus OX=10090 GN=Cfl2 PE=1 SV=1	1175,249	1158,131	1241,935	1334,493	1733,093	1383,849	1328,376	1372,162
Q61466;A0A2R8VHB7;A0A2R8V106;A0A2R8VI28;A0A2R8VKP3	40	11	271,9849	0,126306	1,438588	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 1 OS=Mus musculus OX=10090 GN=Smarcd1 PE=1 SV=3	5965,179	3867,287	2673,7	3952,294	3840,472	5694,055	4541,17	5283,15
Q9CQA6	1	1	6,0491	0,126316	1,857668	Coiled-coil-helix-coiled-coil-helix domain-containing protein 1 OS=Mus musculus OX=10090 GN=Chchd1 PE=1 SV=1	2811,654	2888,853	3702,673	3348,88	2393,812	4252,8	387,6207	1592,324
A0A3B2WBL1;A0A3B2W820;A0A3B2W824;A0A3B2WCA5;A0A3B2WDD2;D6RE43;Q5XJF6	32	1	166,9172	0,126517	4,513985	Ribosomal protein OS=Mus musculus OX=10090 GN=Rpl10a PE=1 SV=1	32,54877	65,89842	9,997451	53,85783	72,43677	81,14075	62,36822	207,9474
P17156	101	5	522,6133	0,127025	1,306484	Heat shock-related 70 kDa protein 2 OS=Mus musculus OX=10090 GN=Hspa2 PE=1 SV=2	105208,4	86878,86	65124,62	71517,59	75178,73	93112,74	69306,65	73755,26
Q60675	38	8	170,936	0,127605	2,065674	Laminin subunit alpha-2 OS=Mus musculus OX=10090 GN=Lama2 PE=1 SV=2	8522,214	3024,286	8852,676	3221,722	5431,432	3785,269	3144,356	5217,153
E9PYK8	9	1	40,0973	0,127621	2,431539	Rho guanine nucleotide exchange factor 4 OS=Mus musculus OX=10090 GN=Arhgef4 PE=1 SV=2	9,889013	23,84593	38,52482	55,44586	16,99744	60,44069	43,34501	60,38364
Q8BP48;A0A0G2JFL1	13	1	74,7327	0,127781	1,740369	Methionine aminopeptidase 1 OS=Mus musculus OX=10090 GN=Metap1 PE=1 SV=1	668,6922	318,7458	378,5975	207,6787	797,671	284,1522	937,9043	706,2523
Q9QYR6;A2ARP8	112	23	683,6256	0,127943	1,184094	Microtubule-associated protein 1A OS=Mus musculus OX=10090 GN=Map1a PE=1 SV=2	15683,52	13799,28	12757,05	16046,88	13893,1	17988,76	15760,76	14747,82
Q5XJV7	5	1	18,0353	0,127996	1,241124	Histone-lysine N-methyltransferase SETD5 OS=Mus musculus OX=10090 GN=Setd5 PE=1 SV=2	579,1341	582,7547	689,0814	699,6036	780,1894	717,4073	839,5154	825,0687
Q5DU25;D3Z5I6;D3Z6V7;E9QAD8	18	2	72,2308	0,128216	1,68078	IQ motif and SEC7 domain-containing protein 2 OS=Mus musculus OX=10090 GN=Iqsec2 PE=1 SV=3	528,053	388,7277	841,606	344,4504	456,9348	149,35	445,7422	199,0809
Q8C4Y3	4	1	29,2988	0,128247	2,781388	Negative elongation factor B OS=Mus musculus OX=10090 GN=Nelfb PE=1 SV=2	269,6451	277,9602	143,9759	110,167	204,9419	344,1813	421,4859	307,2698
P52293;A2A600;A2A601;A2A602;A6PW68;F2Z431	45	24	298,3811	0,129011	1,220206	Importin subunit alpha-1 OS=Mus musculus OX=10090 GN=Kpna2 PE=1 SV=2	36587,4	33964,78	26722,86	30031,03	39025,64	41062,94	32631,12	35696,22
A0A1W2P7Y9;Q810U4	9	2	50,5178	0,129379	1,531932	Neuronal cell adhesion molecule OS=Mus musculus OX=10090 GN=Nrcam PE=1 SV=1	49586,61	40711,55	24906,04	43011,66	24108,51	33067,65	15279,39	30823,1
P35710;B2KFM9;E9PVR0;Q2TBA9	5	2	32,8473	0,130125	1,266482	Transcription factor SOX-5 OS=Mus musculus OX=10090 GN=Sox5 PE=1 SV=2	423,9817	372,8305	344,0621	438,5551	286,1063	373,7819	445,5479	354,2315
Q9CWP6;B1AU74	2	1	9,5145	0,130228	4,642225	Motile sperm domain-containing protein 2 OS=Mus musculus OX=10090 GN=Mospd2 PE=1 SV=2	0	16,04422	29,0452	20,25319	0	0	16,00316	24,45894
P97427;A0A0J9YTX5;A0A0J9YUZ1;Q6P1J1;Q71H75	40	8	275,5613	0,130257	1,279452	Dihydropyrimidinase-related protein 1 OS=Mus musculus OX=10090 GN=Crmp1 PE=1 SV=1	19086,2	17881,64	17074,12	12725,18	17963,17	12499,19	12190,88	12671,05

Q91WD5;A0A0A6YW30;D3YXT0	28	5	208,9366	0,130372	1,241966	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial OS=Mus musculus OX=10090 GN=Ndufs2 PE=1 SV=1	1423,031	1344,248	1153,05	1473,742	1204,469	1610,247	1146,474	1649,713
Q64737;A0A338P676;A0A338P6X4;D6RCG1	69	17	519,3729	0,130483	1,304613	Trifunctional purine biosynthetic protein adenosine-3 OS=Mus musculus OX=10090 GN=Gart PE=1 SV=3	5925,395	7968,809	9527,714	7704,686	4585,334	6491,022	7045,729	7130,453
P40240	6	1	49,4495	0,130509	1,967067	CD9 antigen OS=Mus musculus OX=10090 GN=Cd9 PE=1 SV=2	131,2511	65,56547	85,73376	142,4718	89,0265	183,9368	217,8482	345,2355
P13864;J3QNW0	101	21	725,4961	0,131632	1,227027	DNA (cytosine-5)-methyltransferase 1 OS=Mus musculus OX=10090 GN=Dnmt1 PE=1 SV=5	13336,57	7855,943	9767,937	7986,231	11223,93	12368,85	11971,35	12224,5
Q91XD6	5	1	24,1683	0,132237	2,107966	Vacuolar protein-sorting-associated protein 36 OS=Mus musculus OX=10090 GN=Vps36 PE=1 SV=1	568,0553	568,63	596,5505	292,6497	639,5476	286,1752	120,8699	173,7281
Q8CI94	56	13	349,803	0,132616	1,105996	Glycogen phosphorylase, brain form OS=Mus musculus OX=10090 GN=Pygb PE=1 SV=3	2566,934	2504,27	2573,842	2456,555	2398,319	2403,5	2347,413	2003,375
O54692;A0A1L1SST9	18	1	97,7297	0,132698	1,683757	Centromere/kinetochore protein zw10 homolog OS=Mus musculus OX=10090 GN=Zw10 PE=1 SV=3	808,0775	827,0138	1602,218	1039,537	716,0122	728,9774	394,3412	834,6767
Q9D881;A0A0A6YVR0;F7C106;P19536	11	5	81,5069	0,133058	1,179413	Cytochrome c oxidase polypeptide Vb OS=Mus musculus OX=10090 GN=Cox5b-ps PE=1 SV=1	28696,01	26945,27	24411,62	23916,73	25134,56	28579,83	23123,39	22920,25
Q05920;A0A286YCC5;A0A494B912;A0A494B951;E9QPD7;G5E8R3	52	15	342,9328	0,133092	1,391354	Pyruvate carboxylase, mitochondrial OS=Mus musculus OX=10090 GN=Pc PE=1 SV=1	2009,95	2600,238	2160,071	2399,573	1113,554	2657,235	1931,107	1659,741
Q8R370	8	1	39,8521	0,134046	1,345093	Usher syndrome type-1C protein-binding protein 1 OS=Mus musculus OX=10090 GN=Ushbp1 PE=1 SV=2	689,0151	432,5094	410,9558	561,4658	772,6167	541,772	782,1371	549,7108
Q99NA2	2	1	8,7125	0,134228	1,641534	Transcription factor Atoh8 OS=Mus musculus OX=10090 GN=Atoh8 PE=1 SV=1	412,7366	193,0141	324,034	186,608	253,2921	127,7551	137,5593	161,4848
Q8VDW0;D6RHT5	51	2	295,6978	0,134266	1,251052	ATP-dependent RNA helicase DDX39A OS=Mus musculus OX=10090 GN=Ddx39a PE=1 SV=1	2355,063	1940,002	2368,84	1802,295	2804,328	2774,279	2340,011	2202,099
Q62108;A0A338P6E5;A0A338P6I6	7	2	30,4786	0,135011	1,636948	Disks large homolog 4 OS=Mus musculus OX=10090 GN=Dlg4 PE=1 SV=1	408,8162	826,9932	665,2751	795,8157	855,8218	947,0584	1508,813	754,8009
P01942;P06467;Q91VB8	18	5	73,6995	0,135127	1,448855	Hemoglobin subunit alpha OS=Mus musculus OX=10090 GN=Hba PE=1 SV=2	832,8445	851,6698	987,3951	1173,538	1362,219	1207,668	924,5427	2077,067
B1AVY7;A0A1D5RMD4;E7FLY0	14	2	86,0704	0,136444	1,970367	Kinesin-like protein KIF16B OS=Mus musculus OX=10090 GN=Kif16b PE=1 SV=1	569,1713	272,6534	436,0982	405,0225	738,8078	579,7917	967,9473	282,6154
Q8VDP4	31	4	171,9348	0,136459	1,322353	Cell cycle and apoptosis regulator protein 2 OS=Mus musculus OX=10090 GN=Ccar2 PE=1 SV=2	5897,049	8346,821	5781,406	8852,226	5663,159	7511,719	5803,462	5554,964
Q7TMK9;A0A0R4J259;G3UWM1;G3UXJ6;G3JUX5;G3UZ48;G3UZ12;G3V018;G3XA76	51	9	429,8216	0,136831	1,14176	Heterogeneous nuclear ribonucleoprotein Q OS=Mus musculus OX=10090 GN=Syncrip PE=1 SV=2	12576,92	13714,09	12641,68	12928,23	9973,736	13511,96	12354,03	12480,91
Q5PRF0	10	2	61,9903	0,137835	1,363075	HEAT repeat-containing protein 5A OS=Mus musculus OX=10090 GN=Heatr5a PE=1 SV=2	1764,808	3589,653	2960,177	2936,819	2740,807	4334,765	3368,002	3064,353

Q7TNH6;H9KV07	17	3	101,2757	0,138123	1,373024	Nephrocystin-3 OS=Mus musculus OX=10090 GN=Nphp3 PE=1 SV=2	3530,168	3082,854	2605,165	1771,235	2284,082	2391,119	2195,741	1911,586
Q8BTT6;A0A0A6YWS6;A0A0R4J1 14	6	2	34,999	0,138759	2,167238	U3 small nucleolar RNA-associated protein 25 homolog OS=Mus musculus OX=10090 GN=Utp25 PE=1 SV=2	167,1503	271,2926	203,4596	80,76221	74,24541	240,7335	274,7888	65,61792
P97351	58	23	386,6454	0,138866	1,139935	40S ribosomal protein S3a OS=Mus musculus OX=10090 GN=Rps3a PE=1 SV=3	22573,28	24559,7	25142,69	23829,69	27813,95	22386,52	23349,36	25826,85
Q9DBL7	7	2	34,6109	0,13925	1,140328	Bifunctional coenzyme A synthase OS=Mus musculus OX=10090 GN=Coasy PE=1 SV=2	1600,211	1759,933	1584,747	1697,754	1984,018	1680,938	1834,797	1604,726
Q61245	7	1	35,2823	0,139729	1,608222	Collagen alpha-1(XI) chain OS=Mus musculus OX=10090 GN=Col11a1 PE=1 SV=2	6268,567	4475,767	2542,782	4480,539	2700,385	5013,389	3467,36	3566,315
Q01853	106	49	641,77	0,140214	1,140557	Transitional endoplasmic reticulum ATPase OS=Mus musculus OX=10090 GN=Vcp PE=1 SV=4	26537,03	27394,65	29552,67	24698,67	23196,09	25119,71	25507,04	24381,66
E9PVA8	144	37	881,8116	0,140258	1,236059	eIF-2-alpha kinase activator GCN1 OS=Mus musculus OX=10090 GN=Gcn1 PE=1 SV=1	10602,29	8454,938	7817,058	8938,741	9058,749	8250,447	7351,211	6155,555
P58044;G3XA48;H3BKD7;H3BLF8 ;H3BLP1	10	1	51,8452	0,140863	1,359176	Isopentenyl-diphosphate Delta-isomerase 1 OS=Mus musculus OX=10090 GN=Idi1 PE=1 SV=1	3964,455	3990,161	3254,343	2703,962	3700,67	2768,7	1810,751	2152,25
Q8BV14;A0A0G2JGJ1;A0A0G2JGY 0;D3YW7;D3Z1A1	11	2	76,3517	0,141083	1,682088	Dihydropteridine reductase OS=Mus musculus OX=10090 GN=Qdpr PE=1 SV=2	2570,62	3057,912	2655,584	3514,617	2105,193	1713,648	1508,196	1687,298
Q64318	9	1	46,1205	0,141111	1,948758	Zinc finger E-box-binding homeobox 1 OS=Mus musculus OX=10090 GN=Zeb1 PE=1 SV=1	263,8511	267,9168	201,213	275,8633	744,1861	279,4637	207,6567	297,8009
Q9D0F9	14	3	90,1778	0,141622	1,304312	Phosphoglucomutase-1 OS=Mus musculus OX=10090 GN=Pgm1 PE=1 SV=4	6239,262	3894,925	4752,708	4491,793	4915,255	3322,334	3067,327	3552,487
Q91V55;D3YYM6;D3Z1S8	39	6	212,6394	0,141802	1,274642	40S ribosomal protein S5 OS=Mus musculus OX=10090 GN=Rps5 PE=1 SV=1	481,7611	344,2373	550,547	360,6204	634,5853	472,1338	579,6412	527,905
Q9D1P4;A0A1L1SSG7;A0A1L1STQ 1;A0A1L1STZ1;A0A1L1SU22	18	2	114,4693	0,142584	1,534548	Cysteine and histidine-rich domain-containing protein 1 OS=Mus musculus OX=10090 GN=Chordc1 PE=1 SV=1	3589,932	2752,76	2593,263	1678,108	3021,906	1538,586	1801,345	1835,913
Q6P4T2	133	27	854,4797	0,142753	1,439408	U5 small nuclear ribonucleoprotein 200 kDa helicase OS=Mus musculus OX=10090 GN=Snrnp200 PE=1 SV=1	25861,67	15566,83	26812,57	16905,17	28696,36	30709,47	25687,56	22413,23
P70279;A2ALAO	19	4	125,5385	0,143748	1,159385	Surfeit locus protein 6 OS=Mus musculus OX=10090 GN=Surf6 PE=1 SV=1	2776,326	3006,075	3187,666	3224,904	3150,639	2870,042	2245,164	3027,126
P07724	24	9	188,148	0,143864	1,294733	Albumin OS=Mus musculus OX=10090 GN=Alb PE=1 SV=3	1735,598	1538,081	1537,363	1158,665	1721,06	1902,503	1374,869	1204,928
Q3UX10	18	2	107,3498	0,144853	1,426683	Tubulin alpha chain-like 3 OS=Mus musculus OX=10090 GN=Tubal3 PE=2 SV=2	883,2014	838,2654	1564,1	698,4264	1156,35	1154,417	1298,981	884,4808
P10605	10	3	65,9533	0,145508	1,637508	Cathepsin B OS=Mus musculus OX=10090 GN=Ctsb PE=1 SV=2	570,8722	718,0727	701,1846	738,6038	1043,146	921,8941	1577,315	925,9656
P62274	10	4	40,8739	0,145876	1,506223	40S ribosomal protein S29 OS=Mus musculus OX=10090 GN=Rps29 PE=1 SV=2	483,999	378,7705	509,7383	407,3079	612,4785	360,8983	845,8588	861,5638

Q3UGM2;K3W4R8	4	3	23,5205	0,146081	1,429715	Serine/threonine-protein kinase Nek10 OS=Mus musculus OX=10090 GN=Nek10 PE=2 SV=2	116,1983	148,2904	168,6818	114,8507	141,5873	271,5152	137,0657	233,3459
P61458	7	2	40,2453	0,147109	1,209057	Pterin-4-alpha-carbinolamine dehydratase OS=Mus musculus OX=10090 GN=Pcbd1 PE=1 SV=2	3272,923	3092,817	2399,853	2887,887	2577,521	3255,047	2805,147	3437,194
O88325	13	3	86,4415	0,148013	1,124614	Alpha-N-acetylglucosaminidase OS=Mus musculus OX=10090 GN=Naglu PE=1 SV=1	1343,104	1266,523	1502,999	1544,941	1331,162	1493,875	1552,052	1559,742
Q8BP92	11	2	72,8524	0,148189	1,167847	Reticulocalbin-2 OS=Mus musculus OX=10090 GN=Rcn2 PE=1 SV=1	3063,293	2924,698	2534,177	2567,22	2918,627	3716,533	3097,947	3217,604
Q9WUA3;D3YUA3;F6YL81;Q8C605	46	15	351,6135	0,148198	1,154531	ATP-dependent 6-phosphofructokinase, platelet type OS=Mus musculus OX=10090 GN=Pfkp PE=1 SV=1	15102,48	14789,16	14152,04	13047,4	14545,67	10328,76	11550,81	13024,35
Q52KB6	5	1	28,9923	0,148654	1,512506	C2 domain-containing protein 3 OS=Mus musculus OX=10090 GN=C2cd3 PE=1 SV=3	3287,146	4393,966	3367,951	2740,756	4720,484	3154,54	2526,508	2026,004
Q8CBY8	13	1	73,6057	0,150603	1,616404	Dynactin subunit 4 OS=Mus musculus OX=10090 GN=Dctn4 PE=1 SV=1	2583,895	2754,119	2115,996	2364,465	2332,864	1659,006	571,3316	1511,067
O35130	4	1	22,0448	0,151112	1,52083	Ribosomal RNA small subunit methyltransferase NEP1 OS=Mus musculus OX=10090 GN=Emg1 PE=1 SV=1	1471,14	2062,812	1860,803	2166,265	917,5555	2222,274	1961,613	1639,207
Q3UHD3	10	2	47,8237	0,15147	1,375438	Microtubule-associated tumor suppressor candidate 2 homolog OS=Mus musculus OX=10090 GN=Mtus2 PE=1 SV=1	2008,26	1643,766	1007,867	1374,72	1657,642	2419,64	1478,097	2437,558
Q0VBL3	47	9	300,0024	0,151516	1,355973	RNA-binding protein 15 OS=Mus musculus OX=10090 GN=Rbm15 PE=1 SV=1	1355,942	1676,135	1022,438	1689,067	1321,824	908,3582	1398,179	1163,606
Q80U93	32	3	202,3306	0,15186	1,595495	Nuclear pore complex protein Nup214 OS=Mus musculus OX=10090 GN=Nup214 PE=1 SV=2	764,8651	1361,195	1126,329	941,8161	401,7296	1105,883	1130,585	732,3755
Q9CRC8;A0A0R4J0W6	26	3	168,3619	0,152058	1,389389	Leucine-rich repeat-containing protein 40 OS=Mus musculus OX=10090 GN=Lrrc40 PE=1 SV=2	945,7359	1500,981	1512,261	1101,971	540,4408	1197,689	1018,974	1034,596
Q5SWP3;H3BKC6	50	7	328,9668	0,152929	1,286432	NAC-alpha domain-containing protein 1 OS=Mus musculus OX=10090 GN=Nacad PE=1 SV=1	2257,658	3440,025	3096,732	3123,842	3230,782	2349,162	1898,875	1785,769
Q9JHW2;A0A338P6G0;A0A338P7A1	4	1	13,4951	0,152971	1,888819	Omega-amidase NIT2 OS=Mus musculus OX=10090 GN=Nit2 PE=1 SV=1	419,0586	302,2278	597,4874	187,4319	372,843	672,8386	1164,466	634,8024
O55125;Q5SVG6	20	7	124,1785	0,153155	1,213988	Protein NipSnap homolog 1 OS=Mus musculus OX=10090 GN=Nipsnap1 PE=1 SV=1	9374,425	9554,056	7009,515	8148,558	8192,381	10698,64	7747,771	8365,43
Q91VM9;D3Z636;G8JL76	19	9	142,3381	0,153519	1,354174	Inorganic pyrophosphatase 2, mitochondrial OS=Mus musculus OX=10090 GN=Ppa2 PE=1 SV=1	1282,625	1190,263	1357,863	1134,789	1519,156	1474,427	1369,013	1254,386
E5FYH1	3	2	13,8882	0,15356	1,343717	Protein TOPAZ1 OS=Mus musculus OX=10090 GN=Topaz1 PE=2 SV=1	1093,535	595,2714	751,7893	789,3426	822,8569	737,1283	780,9049	962,2963
A0A140LIY9	8	1	48,3034	0,1536	2,538913	Glutamine-rich protein 2 OS=Mus musculus OX=10090 GN=Qrich2 PE=1 SV=1	0	6,797265	0,802532	58,01136	13,617	64,81586	13,87307	26,74271



Q8R5H1	20	2	107,6281	0,153682	1,615495	Ubiquitin carboxyl-terminal hydrolase 15 OS=Mus musculus OX=10090 GN=Usp15 PE=1 SV=1	1774,299	2055,453	2220,769	1701,674	2317,754	803,9988	433,8968	1243,001
Q61831;A0A0G2JEJ8;A0A0G2JG69;A0A0G2JGL2;A0A5F8MP75;E9QN59;Q3TQZ7;Q80W80;Q8C9D4Q3U319;A0A0U1RPJ4;A0A0X1KG60	11	1	66,0618	0,153703	1,832963	Mitogen-activated protein kinase 10 OS=Mus musculus OX=10090 GN=Mapk10 PE=1 SV=2	69,80749	79,54221	152,1405	80,4832	41,99579	35,2478	31,09093	122,5356
Q8C165	4	1	17,1101	0,154087	1,429594	E3 ubiquitin-protein ligase BRE1B OS=Mus musculus OX=10090 GN=Rnf40 PE=1 SV=2	434,2503	484,9999	768,0764	772,3406	614,0427	836,9991	938,5474	798,5725
Q8C165	3	1	19,5965	0,154982	14,00838	N-fatty-acyl-amino acid synthase/hydrolase PM20D1 OS=Mus musculus OX=10090 GN=Pm20d1 PE=1 SV=1	0	212,2933	538,5357	120,2326	39,45606	44,72753	128,5949	15,65101
P70670;Q60817	103	20	756,0257	0,155328	1,197116	Nascent polypeptide-associated complex subunit alpha, muscle-specific form OS=Mus musculus OX=10090 GN=Naca PE=1 SV=2	26796,2	24989,34	25914,42	19179,58	27325,91	20238,11	24624,08	21881,59
Q8K4X7	6	1	25,4654	0,155668	1,39874	1-acyl-sn-glycerol-3-phosphate acyltransferase delta OS=Mus musculus OX=10090 GN=Agpat4 PE=1 SV=1	721,2479	517,2078	466,1309	599,8154	761,2289	949,3732	723,4222	789,2347
Q99KE1	27	5	188,9245	0,15582	1,31647	NAD-dependent malic enzyme, mitochondrial OS=Mus musculus OX=10090 GN=Me2 PE=1 SV=1	2816,583	2690,297	2371,056	2460,924	2653,268	3621,212	3735,48	2245,049
Q8C627	10	1	54,2551	0,156049	2,308075	Protein FAM221B OS=Mus musculus OX=10090 GN=Fam221b PE=2 SV=1	1487,989	1024,605	499,6363	435,8281	404,3347	844,4851	170,2961	198,8567
Q8R2U4;A0A0A6YX97;A0A0A6YX Y1;A2APZ3	9	2	47,8692	0,156209	1,219607	N-terminal Xaa-Pro-Lys N-methyltransferase 1 OS=Mus musculus OX=10090 GN=Ntmt1 PE=1 SV=3	889,7377	783,8819	862,4915	658,4685	591,8088	715,1699	811,1042	501,2686
Q8BX17	45	2	247,0838	0,156959	1,818837	Gem-associated protein 5 OS=Mus musculus OX=10090 GN=Gemin5 PE=1 SV=2	1231,924	628,0699	557,8924	655,2602	674,3841	563,2471	1637,432	617,0542
Q60715;E9Q7B0	23	5	149,0536	0,156976	1,289755	Prolyl 4-hydroxylase subunit alpha-1 OS=Mus musculus OX=10090 GN=P4ha1 PE=1 SV=2	256,6817	314,2584	207,2458	351,4501	368,8446	273,0884	299,4783	390,1828
P48967;A0A494BAB9	6	1	39,5078	0,157534	2,231688	M-phase inducer phosphatase 3 OS=Mus musculus OX=10090 GN=Cdc25c PE=2 SV=2	5399,769	5871,671	7236,682	4145,635	278,0572	5494,377	5333,548	3263,448
A0A140LIX9	5	1	24,9585	0,157645	1,605124	Cilia and flagella-associated protein 99 OS=Mus musculus OX=10090 GN=Cfap99 PE=1 SV=1	242,0469	239,3491	216,5502	387,8674	147,3338	143,0208	156,7642	257,5118
Q9Z277	69	14	374,9853	0,157688	1,293135	Tyrosine-protein kinase BAZ1B OS=Mus musculus OX=10090 GN=Baz1b PE=1 SV=2	5483,526	4803,497	4751,558	4168,825	5190,849	5808,471	8328,992	5509,453
Q8BHC1	16	2	131,1988	0,158355	1,738598	Ras-related protein Rab-39B OS=Mus musculus OX=10090 GN=Rab39b PE=1 SV=1	841,1576	787,4434	795,9047	609,4973	1527,349	1197,948	707,5428	690,4613
Q99N87	23	3	123,0843	0,158645	1,892231	28S ribosomal protein S5, mitochondrial OS=Mus musculus OX=10090 GN=Mrps5 PE=1 SV=1	60,42488	185,1614	218,4316	142,0748	130,9258	157,3922	36,14219	99,70836
Q9CY73	6	1	39,7956	0,158684	3,61519	39S ribosomal protein L44, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl44 PE=1 SV=3	39,72915	279,113	453,3693	86,32906	393,2886	756,6787	38,75929	1029,007

Q6P1B1;A0A494BBG8;Q3UE92;S4R1I3;S4R228	41	11	273,2608	0,158701	1,183109	Xaa-Pro aminopeptidase 1 OS=Mus musculus OX=10090 GN=Xpnpep1 PE=1 SV=1	8924,402	9986,993	9931,735	8952,102	9969,585	7177,717	9126,934	8202,82
P46061;A0A2R8VHK9;A0A2R8W753	47	16	339,5941	0,159457	1,211151	Ran GTPase-activating protein 1 OS=Mus musculus OX=10090 GN=Rangap1 PE=1 SV=2	23303,43	19451,88	15975,43	15860,03	21151,38	18592,68	16899,71	16592,48
Q61205;D3Z2X5;D3Z7E6	14	6	61,7969	0,161019	1,187364	Platelet-activating factor acetylhydrolase IB subunit alpha1 OS=Mus musculus OX=10090 GN=Pafah1b3 PE=1 SV=1	7118,639	6134,827	5186,595	5322,104	6693,166	7432,25	6250,376	7838,556
F6XLV1	56	8	290,3837	0,162597	1,864905	Ciliary rootlet coiled-coil protein 2 OS=Mus musculus OX=10090 GN=Crocc2 PE=3 SV=2	2707,522	2097,568	2047,006	6782,174	2133,518	2059,721	2464,5	1997,276
A0A571BGG5	2	1	9,0562	0,162743	1,774422	Dystonin (Fragment) OS=Mus musculus OX=10090 GN=Dst PE=1 SV=1	181,6153	436,1795	355,0809	251,6396	83,36118	361,5248	448,1774	386,5723
O70252;D3YX62	17	1	105,3707	0,162781	1,181107	Heme oxygenase 2 OS=Mus musculus OX=10090 GN=Hmox2 PE=1 SV=1	2493,822	1776,261	2403,193	2130,021	2344,745	2521,249	2401,896	2309,575
Q8R2N2	14	2	78,6189	0,162784	1,311915	U3 small nucleolar RNA-associated protein 4 homolog OS=Mus musculus OX=10090 GN=Utp4 PE=2 SV=3	1911,65	2841,659	2439,113	2108,52	2488,162	1709,025	1474,933	1417,474
E9QAT9;Q9ERP3	2	1	9,1919	0,16421	1,756227	Tripartite motif-containing protein 54 OS=Mus musculus OX=10090 GN=Trim54 PE=1 SV=1	1461,322	1173,221	556,939	1194,104	566,3743	941,7754	371,4257	617,5892
Q9Z2V5;A0A1B0GX25;B1AUA8	6	1	28,4728	0,164316	3,237729	Histone deacetylase 6 OS=Mus musculus OX=10090 GN=Hdac6 PE=1 SV=3	3,162169	22,25802	13,72939	4,424391	5,93269	6,26939	7,724332	6,628332
A9Z1V5	5	1	20,5832	0,164944	7,84368	von Willebrand factor A domain-containing protein 5B1 OS=Mus musculus OX=10090 GN=Vwa5b1 PE=2 SV=1	0	15,13157	130,3979	10,61522	6,998849	94,73528	14,23103	0,263841
B1ARD8;A0A5H1ZRL2;E9Q0R4	7	1	48,0629	0,164987	1,799115	Schlafen family member 8 OS=Mus musculus OX=10090 GN=Sifn8 PE=2 SV=1	32,77377	192,9803	354,4594	229,2362	341,2385	394,5179	366,7702	353,7662
Q8CDM1	35	1	222,1752	0,165072	1,200066	ATPase family AAA domain-containing protein 2 OS=Mus musculus OX=10090 GN=Atad2 PE=1 SV=1	306,5075	323,4005	267,7582	280,8814	285,3637	407,2994	278,0954	270,0681
Q9QXA5;A0A1B0GQZ9;A0A1B0GRR9;D3YTP8;Q9CY46	6	3	50,5764	0,165372	1,219309	U6 snRNA-associated Sm-like protein Lsm4 OS=Mus musculus OX=10090 GN=Lsm4 PE=1 SV=1	2005,012	2065,893	2093,464	2422,535	2989,171	1930,138	2336,997	2125,07
Q80U28	5	2	32,8912	0,16559	1,513722	MAP kinase-activating death domain protein OS=Mus musculus OX=10090 GN=Madd PE=1 SV=2	177,2585	183,8614	242,6876	310,4898	183,6988	314,2993	372,1461	444,6339
Q9CX34	22	4	136,3983	0,16561	1,301184	Protein SGT1 homolog OS=Mus musculus OX=10090 GN=Sugt1 PE=1 SV=3	804,5187	686,9051	873,2793	630,0242	909,8096	733,4035	1334,864	918,6143
P47758	31	8	211,2064	0,165783	1,166672	Signal recognition particle receptor subunit beta OS=Mus musculus OX=10090 GN=Srprb PE=1 SV=1	10418,36	10401,21	7976,364	9776,078	8769,66	11512,07	8633,54	9095,482
Q61361	5	1	24,9072	0,165891	2,518208	Brevican core protein OS=Mus musculus OX=10090 GN=Bcan PE=1 SV=2	4,753921	0	9,911104	14,63557	10,78224	8,410372	16,55071	15,07037
Q922R8;F7DBQ0;Q3TML0	56	19	333,2428	0,166234	1,271374	Protein disulfide-isomerase A6 OS=Mus musculus OX=10090 GN=Pdia6 PE=1 SV=3	11152,18	11919,51	10878,78	8058,6	9999,177	13067,74	7159,9	11814,27
P97315	9	1	51,7431	0,166398	1,888129	Cysteine and glycine-rich protein 1 OS=Mus musculus OX=10090 GN=Csrp1 PE=1 SV=3	247,9506	156,0979	270,4082	124,0927	171,2972	152,4293	26,92486	202,7561

Q9JHP7	7	2	33,0587	0,166497	1,770786	Protein O-glucosyltransferase 2 OS=Mus musculus OX=10090 GN=Poglut2 PE=1 SV=1	369,6279	397,3692	736,9117	603,6367	379,0626	244,8008	81,21125	485,1004
P52479	25	5	158,5491	0,166618	1,145942	Ubiquitin carboxyl-terminal hydrolase 10 OS=Mus musculus OX=10090 GN=Usp10 PE=1 SV=3	4520,842	4464,396	4434,286	4138,944	4728,284	4457,54	3821,064	3946,179
P03991;P14428	20	2	125,4276	0,166786	1,112146	H-2 class I histocompatibility antigen, K-W28 alpha chain OS=Mus musculus OX=10090 GN=H2-K1 PE=1 SV=2	2525,635	2734,425	2305,168	2776,439	2267,617	2808,598	2558,969	2754,363
E9Q357	2	1	10,7365	0,166982	1,334211	HEAT repeat-containing 4 OS=Mus musculus OX=10090 GN=Heatr4 PE=4 SV=2	96543,83	100313,2	100700,2	67958,22	106240,9	76546,07	73561,69	63265,98
P62267	10	6	46,4859	0,167665	1,248001	40S ribosomal protein S23 OS=Mus musculus OX=10090 GN=Rps23 PE=1 SV=3	3528,966	3422,395	3675,729	3974,544	3702,583	2881,424	2046,707	3069,302
Q9QXB9	17	4	117,1719	0,168472	1,165671	Developmentally-regulated GTP-binding protein 2 OS=Mus musculus OX=10090 GN=Drg2 PE=1 SV=1	5388,35	5322,448	5405,909	4521,373	3990,819	5306,765	4207,927	4199,378
Q9R0N0	12	3	74,113	0,168844	1,212605	Galactokinase OS=Mus musculus OX=10090 GN=Galk1 PE=1 SV=2	2508,214	2533,999	2238,655	2327,231	3621,087	2609,181	2515,361	2411,782
P58468	7	1	37,9933	0,16935	1,284447	Ribosome biogenesis protein SLX9 homolog OS=Mus musculus OX=10090 GN=Slx9 PE=1 SV=1	490,2997	441,2364	350,6632	429,3145	241,7396	416,7339	357,6511	316,3661
Q8CJG0	28	1	154,8718	0,169501	1,293934	Protein argonaute-2 OS=Mus musculus OX=10090 GN=Ago2 PE=1 SV=3	2757,383	1626,644	1873,526	1567,149	1987,216	1256,681	1526,861	1306,882
A2A108	3	1	13,8266	0,170257	1,16964	Taperin OS=Mus musculus OX=10090 GN=Tprn PE=1 SV=1	1050,279	808,3005	828,8782	805,0039	729,0536	894,819	714,5842	655,1259
Q3TIX9	30	9	187,1027	0,17097	1,145542	U4/U6.U5 tri-snRNP-associated protein 2 OS=Mus musculus OX=10090 GN=Usp39 PE=1 SV=2	4241,912	4353,641	3460,903	3423,281	4266,879	3872,897	3610,536	3666,166
D3YWQ0	4	1	18,5823	0,171194	1,133943	Diacylglycerol kinase iota OS=Mus musculus OX=10090 GN=Dgki PE=1 SV=1	633,6586	612,5858	622,2145	750,0792	597,4316	486,2597	614,7536	610,7881
Q9JHW4;A0A0N4SUV6;A0A0N4SVA4	5	1	31,0213	0,171203	2,254297	Selenocysteine-specific elongation factor OS=Mus musculus OX=10090 GN=Eefsec PE=1 SV=2	60,44576	95,84559	192,2092	3,886372	98,41599	118,6742	128,2479	226,8111
Q80UW2	3	1	21,7314	0,171272	1,415317	F-box only protein 2 OS=Mus musculus OX=10090 GN=Fbxo2 PE=1 SV=1	1405,679	2127,371	1733,485	1943,527	1982,309	689,6051	1040,701	1381,693
Q62193;F6V8R7;Q3TE40	6	1	50,6318	0,171412	2,25725	Replication protein A 32 kDa subunit OS=Mus musculus OX=10090 GN=Rpa2 PE=1 SV=1	38,55753	181,8072	102,173	346,173	71,18004	283,8572	454,604	488,7731
Q5DTH5;A0A494B920	5	1	32,4289	0,171629	1,929481	Teashirt homolog 1 OS=Mus musculus OX=10090 GN=Tshz1 PE=1 SV=2	152,239	30,98621	163,9868	243,5558	159,1216	138,0427	342,4989	404,2711
Q8BWA8;A2A832	10	1	62,8184	0,172055	1,283404	Rho guanine nucleotide exchange factor 19 OS=Mus musculus OX=10090 GN=Arhgef19 PE=1 SV=1	814,354	964,0611	904,1116	900,9488	678,3947	841,5041	716,1424	925,7846
Q924L1	26	5	178,4421	0,172156	1,455858	LETM1 domain-containing protein 1 OS=Mus musculus OX=10090 GN=Letmd1 PE=1 SV=1	2056,404	2516,742	1595,56	2960,538	1273,787	2346,617	998,5508	1651,739
Q9EPR5	10	3	46,1043	0,172773	1,153784	VPS10 domain-containing receptor SorCS2 OS=Mus musculus OX=10090 GN=Sorcs2 PE=1 SV=2	424,8374	444,0793	458,7599	449,3191	466,0395	319,649	458,4661	416,2505

E9Q7P1	13	2	65,9441	0,173581	1,925311	Collagen, type XXII, alpha 1 OS=Mus musculus OX=10090 GN=Col22a1 PE=1 SV=1	2739,812	1627,358	1553,885	4981,453	2046,383	1390,631	2704,092	1601,485
A0A6I8MWZ2;A0A087WPC7;A0A087WQ94;A0A087WQMO;A0A087WQSO;A0A087WRU0;A0A1D5R M59;E9Q0S6;Q9DBT6	16	1	78,7592	0,173585	1,656732	Tensin 1 OS=Mus musculus OX=10090 GN=Tns1 PE=1 SV=1	2479,927	2243,525	2350,913	2559,192	3457,091	2850,456	2890,902	6761,775
Q35864;A0A087WQ60;A0A087WQA8	7	2	26,5645	0,173888	1,446626	COP9 signalosome complex subunit 5 OS=Mus musculus OX=10090 GN=Cops5 PE=1 SV=3	349,0112	297,6955	308,0184	334,8804	448,2536	280,2559	665,9092	471,1584
O88696	14	6	97,7719	0,174474	1,351814	ATP-dependent Clp protease proteolytic subunit, mitochondrial OS=Mus musculus OX=10090 GN=Clpp PE=1 SV=1	3563,079	5513,13	6020,149	4325,768	2166,883	4632,824	3010,316	4814,482
Q69ZZ6;A0A0N4SWB9;F8WJ98	8	2	35,9947	0,175029	1,244199	Transmembrane and coiled-coil domains protein 1 OS=Mus musculus OX=10090 GN=Tmcc1 PE=1 SV=2	1005,989	1077,131	958,5626	1374,498	1163,994	1228,543	1560,222	1541,847
Q8K114;A0A0R4J0J5	6	1	34,6036	0,175279	1,338028	Integrator complex subunit 9 OS=Mus musculus OX=10090 GN=Ints9 PE=1 SV=1	1009,057	1364,667	1106,334	1335,431	933,3999	1299,776	842,3689	939,1067
B1AR17;E9Q614;F7C528;Q3UFY8	72	8	482,0012	0,175308	1,711831	DNA helicase OS=Mus musculus OX=10090 GN=Chd3 PE=1 SV=1	1851,972	1686,547	1934,97	1272,161	2359,495	1746,216	5405,474	2036,232
A0A1Y7VME9	45	1	258,1167	0,176539	1,829374	Kinase D-interacting substrate 220 OS=Mus musculus OX=10090 GN=Kidins220 PE=1 SV=1	459,4206	450,5845	184,3995	281,5191	381,8104	264,5801	111,6294	485,6798
Q69Z98;G3UUV4;G3UXM5;G3UY N4;G3UZ19;G3UZN4	10	1	54,9625	0,177281	1,601979	Serine/threonine-protein kinase BRK2 OS=Mus musculus OX=10090 GN=Brsk2 PE=1 SV=2	72,72397	91,94025	95,35597	116,4098	21,96277	78,24902	70,19712	64,56912
A0A087WNN1;Q8BVM7	6	1	28,095	0,177567	1,573985	Flagellum-associated coiled-coil domain-containing protein 1 OS=Mus musculus OX=10090 GN=Flacc1 PE=4 SV=1	2991,971	2309,88	3281,594	1661,316	1941,284	2164,279	887,148	1516,094
Q9R0M0	9	4	44,7717	0,177891	1,294756	Cadherin EGF LAG seven-pass G-type receptor 2 OS=Mus musculus OX=10090 GN=Celsr2 PE=1 SV=3	3102,847	2262,115	2112,925	3346,913	2998,459	2250,91	2246,728	2496,959
P62889;A0A2I3BQF4	18	8	93,6729	0,179061	1,22127	60S ribosomal protein L30 OS=Mus musculus OX=10090 GN=Rpl30 PE=1 SV=2	26151,87	22384,89	23283,91	18638,49	28034,5	23244,51	26967,8	19099,39
Q3U1J4;A0A494B987;A0A494BAF6;A0A494BBJ6	59	10	355,1886	0,179226	1,268702	DNA damage-binding protein 1 OS=Mus musculus OX=10090 GN=Ddb1 PE=1 SV=2	9794,699	9262,943	8583,28	8559,678	9199,292	7418,314	4519,012	7396,956
Q9QZ23;A0A0N4SUH8;D3Z285	10	2	77,893	0,179269	1,614997	NFU1 iron-sulfur cluster scaffold homolog, mitochondrial OS=Mus musculus OX=10090 GN=Nfu1 PE=1 SV=2	186,0143	200,9526	433,3273	364,7993	304,0277	270,0438	217,9052	266,6146
Q80WJ7;E9PUX0;F6QFT1;F6QHD1;F6ZQL0;F6ZSG0	34	8	207,9057	0,179296	1,574305	Protein LYRIC OS=Mus musculus OX=10090 GN=Mtdh PE=1 SV=1	3491,601	2817,89	3788,362	5585,36	2958,676	2133,02	1990,754	2879,541
Q99N32	4	2	25,0627	0,179358	1,345087	Beta-klotho OS=Mus musculus OX=10090 GN=Klb PE=1 SV=1	345,9679	506,6611	443,0601	740,283	736,5478	540,786	526,2989	683,8283
P97493;A2A439;G3UX99;G3UZY2	6	1	37,1889	0,179721	1,581531	Thioredoxin, mitochondrial OS=Mus musculus OX=10090 GN=Txn2 PE=1 SV=1	441,2902	674,969	458,4656	238,3373	490,2146	558,969	308,3669	219,693
O88712;A0A0J9YTW3;A0A0J9YU62;A0A0J9YU66;A0A0J9YUM4;A0A0J9YUR5;A0A0J9YVI3	15	1	81,6949	0,179757	1,852791	C-terminal-binding protein 1 OS=Mus musculus OX=10090 GN=Ctbp1 PE=1 SV=2	795,2706	552,2705	562,0962	1261,193	561,5922	542,3473	142,3658	465,0754

Q8BG51;H3BKL2;H3BL14	17	2	105,2644	0,179788	1,551647	Mitochondrial Rho GTPase 1 OS=Mus musculus OX=10090 GN=Rhot1 PE=1 SV=1	175,8917	101,217	342,8092	137,0956	224,1943	192,5682	136,7618	353,757
E9Q7R9	9	1	38,2668	0,179795	2,998871	Cilia- and flagella-associated protein 43 OS=Mus musculus OX=10090 GN=Cfap43 PE=1 SV=1	193,8792	93,44817	511,8769	173,6852	320,0895	605,6406	31,84876	596,6197
Q9Z0P4;A0A1W2P831;Q3UZP7	18	4	113,645	0,179831	1,730227	Paralemmin-1 OS=Mus musculus OX=10090 GN=Palm PE=1 SV=1	1089,604	434,727	901,1499	1334,969	510,0591	511,4882	502,6845	649,1534
P55096;A0A0G2JDI9	35	11	219,7494	0,180533	1,22049	ATP-binding cassette sub-family D member 3 OS=Mus musculus OX=10090 GN=Abcd3 PE=1 SV=2	5627,047	5781,185	4707,422	6247,96	5303,639	6995,911	5968,456	7783,438
Q8BHD7;G3UXZ8;G3UY95;G3UZ01	26	2	155,6051	0,18078	1,76479	Polypyrimidine tract-binding protein 3 OS=Mus musculus OX=10090 GN=Ptbp3 PE=1 SV=1	96,16311	117,4711	106,3562	186,2056	139,6907	138,6037	368,4102	246,6249
P46735;D3YV80;Q7TQD7	62	1	345,2303	0,181414	1,496848	Unconventional myosin-1b OS=Mus musculus OX=10090 GN=Myo1b PE=1 SV=3	453,2726	444,1989	269,5455	421,4294	538,2545	539,5268	452,134	407,6516
Q8C854;A2ATP5;A2ATP6;F6XJA1;G8JL68	36	15	250,7108	0,181501	1,172047	Myelin expression factor 2 OS=Mus musculus OX=10090 GN=Myef2 PE=1 SV=1	18543,42	16840,73	13307,8	17302,22	19529,61	20661,08	17156,59	17071,51
Q6ZPY7	9	1	48,7645	0,181974	1,312176	Lysine-specific demethylase 3B OS=Mus musculus OX=10090 GN=Kdm3b PE=1 SV=3	3344,252	3027,443	2278,769	3292,049	2506,271	3032,04	3644,994	4146,296
Q91V89;Q7TNL5	15	3	81,1915	0,182203	1,399431	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit OS=Mus musculus OX=10090 GN=Ppp2r5d PE=1 SV=1	629,1855	609,7615	813,9243	890,392	355,0521	763,4152	596,154	713,6113
Q80WE4;A0A286YCY3	19	1	90,6912	0,182861	2,277879	Kinesin-like protein KIF20B OS=Mus musculus OX=10090 GN=Kif20b PE=1 SV=3	39,09557	126,7164	216,1397	280,1987	55,62126	344,3435	275,8128	384,8536
Q9D898	4	1	17,313	0,183221	1,211012	Actin-related protein 2/3 complex subunit 5-like protein OS=Mus musculus OX=10090 GN=Arpc5l PE=1 SV=1	18966,98	11829,15	11785,56	13047,34	14330,39	19827,95	17108,45	16100,65
A0A0U1RQ57;A0A0U1RNI6;A0A0U1RP13;A0A0U1RP60;A0A0U1RPV3;Q8VDP6	5	2	14,828	0,183779	1,252941	CDP-diacylglycerol--inositol 3-phosphatidyltransferase OS=Mus musculus OX=10090 GN=Cdipt PE=1 SV=1	157,623	207,2359	178,8172	260,9313	200,8872	263,1805	252,9371	291,121
Q6QD59;B8JJI4;F7C279	8	1	37,8384	0,184183	4,657068	Vesicle transport protein SEC20 OS=Mus musculus OX=10090 GN=Bnip1 PE=1 SV=1	3662,661	275,3614	318,5016	852,7478	136,7726	309,5126	191,4962	459,3192
A2AEK3;F6ZKC7	5	1	35,915	0,184257	2,024799	Cleavage stimulation factor subunit 2 (Fragment) OS=Mus musculus OX=10090 GN=Cstf2 PE=1 SV=1	322,6729	276,3877	300,7759	1051,302	265,3736	264,4483	243,7698	190,0294
Q9WUM5;A0A0N4SVU4	25	5	153,8187	0,185071	1,641399	Succinate--CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=Suclg1 PE=1 SV=4	3686,092	1234,92	1837,898	1118,96	2143,429	3021,435	5373,184	2392,678
Q9Z0Z4;A2AI62	3	1	14,1778	0,18525	1,386014	Hephaestin OS=Mus musculus OX=10090 GN=Heph PE=1 SV=3	1763,28	1025,792	976,3216	1521,376	1029,191	1028,443	934,8159	821,9192
A2AIL4	4	1	24,3308	0,185326	1,479187	NADH dehydrogenase (ubiquinone) complex I, assembly factor 6 OS=Mus musculus OX=10090 GN=Ndufaf6 PE=1 SV=1	811,4839	974,3668	1500,359	888,5268	851,6601	1492,44	1484,222	1279,464
Q8VI75;Q5U4C5	17	5	93,3498	0,185675	1,224793	Importin-4 OS=Mus musculus OX=10090 GN=Ipo4 PE=1 SV=1	2074,511	2284,283	1765,434	1698,819	2415,818	1993,255	2034,706	2345,12

Q9CYH6	32	12	211,6995	0,18579	1,109857	Ribosome biogenesis regulatory protein homolog OS=Mus musculus OX=10090 GN=Rrs1 PE=1 SV=1	3509,812	3262,054	2905,521	3057,082	3217,909	3391,337	2874,194	2849,655
Q6PGH2	4	1	21,1336	0,186136	1,38361	Jupiter microtubule associated homolog 2 OS=Mus musculus OX=10090 GN=Jpt2 PE=1 SV=1	822,5772	587,4255	343,6444	548,7336	850,581	580,9104	835,7089	697,0356
Q8CFX3;E0CXD4	23	1	130,2412	0,18635	1,310893	Protocadherin 1 OS=Mus musculus OX=10090 GN=Pcdh1 PE=1 SV=1	2340,978	2843,202	2692,985	3210,415	2230,601	1458,997	2243,372	2525,066
A2AG30	1	1	9,8494	0,187204	1,509685	DnaJ homolog subfamily B member 5 OS=Mus musculus OX=10090 GN=Dnajb5 PE=1 SV=1	2461,17	2058,378	1286,419	1738,228	1792,219	1476,006	1088,197	799,3264
P08122	33	3	184,6774	0,187437	1,229474	Collagen alpha-2(IV) chain OS=Mus musculus OX=10090 GN=Col4a2 PE=1 SV=4	1145,019	866,0737	814,4517	822,9838	641,4159	960,7541	648,9813	716,3998
Q6NWW3;E9Q9G8;S4R282	16	2	81,8274	0,187898	1,698971	Intraflagellar transport protein 122 homolog OS=Mus musculus OX=10090 GN=Ift122 PE=1 SV=1	97,01749	93,36896	368,7691	74,67787	244,4736	145,0894	372,6442	115,1026
Q8BZQ7	8	1	52,6385	0,188216	2,15083	Anaphase-promoting complex subunit 2 OS=Mus musculus OX=10090 GN=Anapc2 PE=1 SV=2	126,7839	73,16808	46,84692	152,7276	115,3183	32,51335	19,15789	51,35792
O88271	17	1	93,0704	0,188434	1,797813	Craniofacial development protein 1 OS=Mus musculus OX=10090 GN=Cfdp1 PE=1 SV=1	187,6922	122,6236	135,4728	281,0485	233,816	143,8587	498,2869	353,2245
Q6P5F9;A2AKT6;F6YA11	49	9	410,1951	0,188514	1,155152	Exportin-1 OS=Mus musculus OX=10090 GN=Xpo1 PE=1 SV=1	13119,72	14566,8	11436,96	12732,47	15346,34	14815,22	12497,58	12569,59
Q8K3X4	6	1	29,3271	0,188524	1,926992	Probable E3 ubiquitin-protein ligase IRF2BPL OS=Mus musculus OX=10090 GN=Irf2bpl PE=1 SV=1	51,38803	169,5492	169,1122	161,7453	71,8589	59,59207	64,80434	90,095
Q9JJU8 E9Q7G0;A0A1B0GSH2;A0A1B0GS W3;A0A1B0GT38;A0A1B0GT61;F 6ZQA3	170	30	1117,9441	0,18874	1,82791	SH3 domain-binding glutamic acid-rich-like protein OS=Mus musculus OX=10090 GN=Sh3bgrl PE=1 SV=1	1744,335	2445,469	2506,953	2601,317	2502,979	2006,312	2583,094	2656,459
P53994;G3UXQ7;G3V022	22	4	166,9429	0,188875	1,106167	Nuclear mitotic apparatus protein 1 OS=Mus musculus OX=10090 GN=Numa1 PE=1 SV=1	14495,66	5382,427	5862,855	5630,369	4722,765	4688,962	3223,156	4527,511
Q9DAV6	4	1	24,1519	0,189184	5,687223	Ras-related protein Rab-2A OS=Mus musculus OX=10090 GN=Rab2a PE=1 SV=1	3802,77	3153,573	3219,18	3269,119	3520,542	4165,93	3672,038	3513,508
P35762;A0A140LJL0	3	1	22,6077	0,189322	1,176327	R86 OS=Mus musculus OX=10090 GN=Serpib9b PE=1 SV=1	0	46,34085	149,3074	3,112301	0	0	22,12294	18,90449
Q9D7M1	3	1	24,3137	0,189465	1,305776	CD81 antigen OS=Mus musculus OX=10090 GN=Cd81 PE=1 SV=2	1840,619	1928,985	1781,574	1748,647	1559,966	2076,874	1367,518	1521,325
P49717;A0A2R8VHP7	55	15	372,5753	0,189815	1,190307	Glucose-induced degradation protein 8 homolog OS=Mus musculus OX=10090 GN=Gid8 PE=1 SV=1	2519,174	2961,988	2699,378	2360,916	2949,295	1862,036	2240,414	2018,275
Q62095	60	2	375,4297	0,19007	1,183271	DNA replication licensing factor MCM4 OS=Mus musculus OX=10090 GN=Mcm4 PE=1 SV=1	13619,89	10715,33	11086,71	8941,194	11332,87	8947,419	9264,064	8562,709
						ATP-dependent RNA helicase DDX3Y OS=Mus musculus OX=10090 GN=Ddx3y PE=1 SV=2	2525,598	2203,53	1956,285	1898,117	1936,151	2329,255	1870,318	1787,082

E9Q1P8	22	4	139,5047	0,190729	1,368005	Interferon regulatory factor 2-binding protein 2 OS=Mus musculus OX=10090 GN=Irf2bp2 PE=1 SV=1	2255,209	1906,747	1512,048	1284,106	2026,966	1780,737	2741,338	1530,183
P54775;A0A140LIZ5	36	7	265,1827	0,191664	1,250512	26S proteasome regulatory subunit 6B OS=Mus musculus OX=10090 GN=Psmc4 PE=1 SV=2	8161,785	6406,498	6173,241	4786,718	4799,837	5987,91	4942,224	4684,263
Q32M02	5	2	29,521	0,191978	1,75568	Fascin-2 OS=Mus musculus OX=10090 GN=Fscn2 PE=2 SV=1	56,32676	44,37685	42,96954	28,72364	43,78785	52,79126	130,8299	75,26466
Q9CX86	18	5	132,1586	0,193346	1,569871	Heterogeneous nuclear ribonucleoprotein A0 OS=Mus musculus OX=10090 GN=Hnrnpa0 PE=1 SV=1	6317,101	2867,706	3089,951	5927,396	4632,448	2979,88	3127,896	2637,286
P97855	41	13	305,7592	0,193556	1,245201	Ras GTPase-activating protein-binding protein 1 OS=Mus musculus OX=10090 GN=G3bp1 PE=1 SV=1	42040	34716,88	33930,6	32226,14	34785,01	30164,48	21031,2	28790,82
E9PW83;F6R487;F6RSY8;F6TU77	62	3	343,8561	0,193598	1,31617	Family with sequence similarity 184, member A OS=Mus musculus OX=10090 GN=Fam184a PE=1 SV=1	920,6528	737,9043	857,2201	636,744	849,9152	476,9133	622,1791	446,216
Q6P5D8	103	15	647,637	0,193785	1,978627	Structural maintenance of chromosomes flexible hinge domain-containing protein 1 OS=Mus musculus OX=10090 GN=Smchd1 PE=1 SV=2	7534,213	6965,643	5659,995	5013,004	7116,648	6422,219	12713,69	5203,525
Q99LR1;D6RFU2;F7BHM8	10	1	60,961	0,194478	1,669597	Lysophosphatidylserine lipase ABHD12 OS=Mus musculus OX=10090 GN=Abhd12 PE=1 SV=2	1688,247	1825,131	861,7131	899,6226	1487,046	1765,856	3269,05	1260,138
Q9QYN3	2	2	9,0196	0,194633	1,825019	Kallikrein-11 OS=Mus musculus OX=10090 GN=Klk11 PE=2 SV=1	2089,78	35443,74	31779,02	6685,928	16027,83	42130,79	43728,03	23095,87
Q9DBS1	14	1	75,9974	0,194874	1,446787	Transmembrane protein 43 OS=Mus musculus OX=10090 GN=Tmem43 PE=1 SV=1	9090,177	6380,806	5990,057	4563,155	5639,228	6037,153	3887,863	3588,876
Q9D1I6	5	3	33,9777	0,195686	1,853276	39S ribosomal protein L14, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl14 PE=1 SV=1	89,22862	313,0243	364,5734	362,1821	131,4868	451,1606	442,398	351,7505
Q8BMA6;A2AAN2	46	6	301,1627	0,195835	1,149211	Signal recognition particle subunit SRP68 OS=Mus musculus OX=10090 GN=Srp68 PE=1 SV=2	6557,953	7417,035	5794,289	6902,933	7736,38	6813,799	7323,17	7073,976
P10639	10	1	87,0453	0,196551	1,674076	Thioredoxin OS=Mus musculus OX=10090 GN=Txn PE=1 SV=3	225,2927	103,8655	711,9859	238,3262	577,1105	320,1477	486,2438	692,484
Q9D0M0	10	2	56,3858	0,19681	1,685137	Exosome complex exonuclease RRP42 OS=Mus musculus OX=10090 GN=Exosc7 PE=1 SV=2	156,978	131,6139	231,064	195,5304	71,11191	180,8001	298,3675	265,0373
P54116	28	13	153,9756	0,197011	1,257547	Stomatin OS=Mus musculus OX=10090 GN=Stom PE=1 SV=3	11699,7	9164,79	7551,285	7305,255	11224,07	10981,21	13861,96	8853,645
Q11136	5	1	32,0037	0,197735	1,397189	Xaa-Pro dipeptidase OS=Mus musculus OX=10090 GN=Pepd PE=1 SV=3	2374,939	3566,5	1962,21	2633,011	3131,7	1558,807	1473,131	2080,531
Q9R257;A0A140T8J4	12	1	90,5804	0,197856	3,678304	Heme-binding protein 1 OS=Mus musculus OX=10090 GN=Hebp1 PE=1 SV=2	0	105,9681	188,1559	14,22049	63,98077	77,15127	92,31567	33,12426

Q922D8;A0A1W2P733;A0A1W2P7L5	53	11	395,7505	0,198203	1,275468	C-1-tetrahydrofolate synthase, cytoplasmic OS=Mus musculus OX=10090 GN=Mthfd1 PE=1 SV=4	7306,968	6680,23	7256,683	7543,456	6126,88	6449,929	4519,007	8080,69
A0A1L1SQA8;P62852	21	9	100,5704	0,198342	1,146758	40S ribosomal protein S25 OS=Mus musculus OX=10090 GN=Rps25 PE=1 SV=1	3829,495	3756,708	3503,663	4056,476	3838,862	3210,902	4319,291	4260,385
Q6PIC6;A0A0G2JGX4;Q8VCE0	56	6	401,5544	0,199496	1,275451	Sodium/potassium-transporting ATPase subunit alpha-3 OS=Mus musculus OX=10090 GN=Atp1a3 PE=1 SV=1	3535,379	4083,488	2769,353	2541,573	3145,222	2608,469	2132,052	2251,682
E9QK39;A2CEE5;A2CEE6;A2CEE7;E9PUP0;Q7TPS0	10	1	54,9721	0,199849	1,134998	Ribosomal protein S6 kinase OS=Mus musculus OX=10090 GN=Rps6ka6 PE=1 SV=1	2909,337	3845,357	3774,332	3491,499	4072,012	4189,046	3519,08	3515,948
P97333	21	3	121,7512	0,200123	1,449515	Neuropilin-1 OS=Mus musculus OX=10090 GN=Nrp1 PE=1 SV=2	220,8575	141,9268	246,1377	374,0674	277,3408	318,9553	289,288	249,1129
P62305;E9Q0W8;E9Q4F4	8	4	31,958	0,200176	1,225612	Small nuclear ribonucleoprotein E OS=Mus musculus OX=10090 GN=Snrpe PE=1 SV=1	419,7849	386,5487	559,1682	581,6261	420,4342	614,8041	587,7853	467,3145
A2AJ72;A0A0A6YVV5;A0A0A6YX7 6;A0A0A6YY39;A2AJ71;F7AM43; Q3TIX6	39	5	228,0085	0,20079	1,332468	Far upstream element (FUSE)-binding protein 3 OS=Mus musculus OX=10090 GN=Fubp3 PE=1 SV=1	8748,536	9062,987	6631,435	10330,4	5883,67	8285,129	6015,476	5912,688
Q8R3Y5;A0A087WRI8;A0A0R4J2B 5;G5E8E3	8	1	36,427	0,201234	1,631338	Uncharacterized protein C19orf47 homolog OS=Mus musculus OX=10090 PE=1 SV=2	784,8106	208,302	307,9526	321,4898	639,1856	515,1893	1064,207	428,3532
P80318;E9Q133;F6Q609;F6ZVG8; Q3U0I3	83	28	581,9774	0,201845	1,165893	T-complex protein 1 subunit gamma OS=Mus musculus OX=10090 GN=Cct3 PE=1 SV=1	56910,06	55531,37	53616,04	49419,48	65215,68	45293,78	44436,42	52303,49
Q6ZPR5;A0A338P695;A0A338P6S 3;A0A338P735;A0A338P7L1	14	1	81,2318	0,202107	1,109568	Sphingomyelin phosphodiesterase 4 OS=Mus musculus OX=10090 GN=Smpd4 PE=1 SV=2	2026,459	1798,334	2230,997	1831,76	2288,197	2172,423	2225,551	2065,599
P80314;A0A1W2P6Q3;A0A1W2P 7B7;A0A1W2P828;A0A1W2P871; A0A1W2P886	82	37	619,8706	0,202223	1,130869	T-complex protein 1 subunit beta OS=Mus musculus OX=10090 GN=Cct2 PE=1 SV=4	40514,72	49617,69	49818,28	46314,92	44216,89	37908,16	41077,32	41507,83
P35276;D3YW33;D3YWL1	23	4	147,7555	0,202589	1,253071	Ras-related protein Rab-3D OS=Mus musculus OX=10090 GN=Rab3d PE=1 SV=1	1354,606	1366,973	1722,482	1288,649	1485,372	955,9556	959,1717	1174,428
Q61686	14	4	109,218	0,203411	1,257151	Chromobox protein homolog 5 OS=Mus musculus OX=10090 GN=Cbx5 PE=1 SV=1	1103,059	1022,951	1136,844	1297,704	1226,547	985,4979	1885,015	1261,747
P70671	2	1	13,8533	0,203547	2,146418	Interferon regulatory factor 3 OS=Mus musculus OX=10090 GN=Irf3 PE=1 SV=1	1141,988	755,6051	1146,381	306,3366	1150,533	2144,185	840,5775	763,6646
P70362	8	1	41,8328	0,20415	1,611646	Ubiquitin recognition factor in ER-associated degradation protein 1 OS=Mus musculus OX=10090 GN=Ufd1 PE=1 SV=2	17,62297	36,53831	30,42987	115,1057	35,60704	76,97617	118,6651	84,09389
Q8JZN5;A0A0G2JDY4;A0A0G2JF2 5	26	4	167,2625	0,204358	1,262273	Complex I assembly factor ACAD9, mitochondrial OS=Mus musculus OX=10090 GN=Acad9 PE=1 SV=2	376,3758	439,1668	416,2861	391,2778	490,4282	425,15	633,4633	499,7623
Q8C0G2;G3X949	7	1	50,0158	0,205225	1,303242	TRAF3-interacting JNK-activating modulator OS=Mus musculus OX=10090 GN=Traf3ip3 PE=1 SV=2	5246,537	3858,777	2380,125	3552,96	3585,466	3943,796	4049,405	3574,053
Q6ZWR4;A0A668KLA9	16	1	109,7879	0,206297	1,789723	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform OS=Mus musculus OX=10090 GN=Ppp2r2b PE=1 SV=1	144,2411	370,7286	280,8681	312,7783	13,6821	120,4713	220,9403	264,3408





Q9CZC8	3	1	19,5822	0,21387	1,169835	Secernin-1 OS=Mus musculus OX=10090 GN=Scrn1 PE=1 SV=1	4432,359	4516,705	3890,208	3790,741	4729,863	5538,885	4201,136	3949,831
Q69Z69	4	1	18,5198	0,213996	2,104714	N-acetyltransferase ESCO1 OS=Mus musculus OX=10090 GN=Esco1 PE=2 SV=2	402,0905	906,2298	352,0969	196,7294	166,9495	185,5811	264,5998	265,2443
A0A140LIV1	20	1	121,7626	0,214224	2,580384	Sperm flagellar protein 2 OS=Mus musculus OX=10090 GN=Spf2 PE=1 SV=1	26,03146	15,68837	162,6224	23,48877	73,36689	18,38644	0	149,8943
Q571C7;F8VQC2	15	3	74,7872	0,214299	1,747354	Transcription factor TFIIIB component B" homolog OS=Mus musculus OX=10090 GN=Bdp1 PE=2 SV=2	790,1803	2187,924	3376,005	2699,08	2783,262	1332,519	1949,687	1753,216
Q9QXL1;E9Q0A4;F6ZSF2;F8VQE2	4	3	24,9511	0,21434	1,273631	Kinesin-like protein KIF21B OS=Mus musculus OX=10090 GN=Kif21b PE=1 SV=2	1431,397	1373,731	786,4516	1189,866	943,948	1031,821	930,2479	1088,117
O08911	3	1	16,2032	0,214496	1,906528	Mitogen-activated protein kinase 12 OS=Mus musculus OX=10090 GN=Mapk12 PE=1 SV=1	41,65069	221,163	66,93066	281,5877	218,2586	144,7709	400,5162	401,9758
Q6P2L6	4	1	22,1861	0,215419	2,47811	Histone-lysine N-methyltransferase NSD3 OS=Mus musculus OX=10090 GN=Nsd3 PE=1 SV=2	148,0696	33,31247	47,02786	10,64842	26,73532	158,3192	195,9754	104,6127
P31254	47	9	291,6954	0,215705	1,232622	Ubiquitin-like modifier-activating enzyme 1 Y OS=Mus musculus OX=10090 GN=Uba1y PE=1 SV=2	8056,334	7306,678	8553,878	5664,379	8035,188	10479,94	7829,104	7209,937
P68181;A0A0G2JFT9;H6TMF5	11	1	79,9808	0,21658	1,60202	cAMP-dependent protein kinase catalytic subunit beta OS=Mus musculus OX=10090 GN=Prkacb PE=1 SV=2	1547,5	1298,519	1051,769	924,3745	2390,045	1066,835	954,99	772,0563
P80317;Q52KG9	60	17	375,1772	0,216664	1,142264	T-complex protein 1 subunit zeta OS=Mus musculus OX=10090 GN=Cct6a PE=1 SV=3	21071,21	26985,72	26876,12	22840,81	24409,79	20689,91	20799,72	19697,16
Q9WUP7;A0A087WP81;A0A087 WRL3	19	3	152,139	0,217045	1,179256	Ubiquitin carboxyl-terminal hydrolase isozyme L5 OS=Mus musculus OX=10090 GN=Uch5 PE=1 SV=2	2190,522	1987,895	1979,523	1873,68	2068,306	1803,511	1939,63	1545,685
E9Q8I7;E9PZNO;E9Q3K1	8	3	32,9044	0,217133	1,259047	Nuclear transcription factor, X-box-binding-like 1 OS=Mus musculus OX=10090 GN=Nfxl1 PE=1 SV=1	902,2246	769,6278	701,4025	1031,327	742,3586	949,9097	656,69	812,9949
Q80Z96;A0A0H2UH25;E0CX72;F7 BWJ0;Q3UXU7	4	1	19,7843	0,217247	1,243724	Vang-like protein 1 OS=Mus musculus OX=10090 GN=Vangl1 PE=1 SV=2	1033,928	924,6337	699,7715	825,6899	1194,221	952,7538	970,1037	770,4552
A0A2I3BQA5	15	5	75,5363	0,21738	3,63603	Leucine-rich repeat and guanylate kinase domain-containing protein OS=Mus musculus OX=10090 GN=Lrguk PE=4 SV=1	215,4332	185,4794	235,9428	438,3226	323,0785	194,5315	2609,58	679,1104
D3YX07	2	1	10,0723	0,217658	48,27767	Histone-lysine N-methyltransferase SETD1A (Fragment) OS=Mus musculus OX=10090 GN=Setd1a PE=1 SV=8	8,860706	132,4753	6,746894	558,2661	0	9,189519	5,437544	0,003906
P97346	9	1	62,3566	0,217785	2,342611	Nucleoredoxin OS=Mus musculus OX=10090 GN=Nxn PE=1 SV=1	230,2075	983,3907	1195,051	832,9705	31,77333	593,3073	776,2199	410,0294
Q8QZY9	8	2	73,0116	0,217867	1,623272	Splicing factor 3B subunit 4 OS=Mus musculus OX=10090 GN=Sf3b4 PE=1 SV=1	40,3536	162,1686	162,5422	93,61137	141,1412	163,7691	246,8841	192,7613
F6QRE9	17	2	88,0075	0,217922	1,516884	Glutamate-rich 3 OS=Mus musculus OX=10090 GN=Erich3 PE=1 SV=3	2606,284	1559,324	2364,584	2896,105	2574,887	1115,03	1479,367	1044,968
E0CY84;Q7TPQ9	2	1	14,8931	0,218875	1,320524	Arrestin domain-containing protein 3 OS=Mus musculus OX=10090 GN=Arrdc3 PE=3 SV=1	1029,428	1122,635	1276,311	776,208	889,7335	1033,529	1330,365	1330,07

D3YYD5	3	1	12,1184	0,219228	2,074437	Vacuolar protein sorting-associated protein 29 (Fragment) OS=Mus musculus OX=10090 GN=Vps29 PE=1 SV=1	170,9941	185,0732	271,8481	467,0996	202,0829	344,3718	1046,069	679,0159
Q9CYI4;A0A0R4J047;D3Z765;D6RGP6	24	4	177,8636	0,21933	1,321135	Putative RNA-binding protein Luc7-like 1 OS=Mus musculus OX=10090 GN=Luc7I PE=1 SV=2	2804,111	1783,568	1944,42	1558,855	1800,232	1943,568	1626,949	1937,274
A0A0J9YTY0;A0A0J9YUL3;A0A0J9YUV6;A0A0J9YVA6;Q8C1B7	25	5	169,5208	0,220319	1,381864	Septin OS=Mus musculus OX=10090 GN=Septin11 PE=1 SV=1	455,8669	901,9909	1119,214	972,4382	794,5372	801,3304	1264,697	945,087
D3YYA0	11	1	59,4304	0,220458	1,344256	Set1/Ash2 histone methyltransferase complex subunit ASH2 OS=Mus musculus OX=10090 GN=Ash2I PE=1 SV=1	4175,554	3471,314	2630,83	2151,947	2603,434	2902,204	2002,263	2731,486
Q99JT2;A2AD84	4	1	23,7293	0,220464	1,31436	Serine/threonine-protein kinase 26 OS=Mus musculus OX=10090 GN=Stk26 PE=1 SV=1	2489,479	3172,217	2091,507	2306,4	2931,154	2555,078	2170,539	1638,716
E9Q3S4;A0A087WS76;A0A140LHL6	6	1	22,63	0,220585	1,920392	Mitogen-activated protein kinase kinase kinase 19 OS=Mus musculus OX=10090 GN=Map3k19 PE=3 SV=1	800,5617	562,792	551,3155	1208,894	661,8771	345,0929	1603,766	393,0565
Q9QYJ3;Q3TYL7	4	1	21,4418	0,220708	2,177555	DnaJ homolog subfamily B member 1 OS=Mus musculus OX=10090 GN=Dnajb1 PE=1 SV=3	38,90871	132,9286	194,2798	177,9935	132,0227	118,8231	81,33838	82,63145
Q80XK6	4	1	22,3339	0,2211	1,941461	Autophagy-related protein 2 homolog B OS=Mus musculus OX=10090 GN=Atg2b PE=1 SV=3	454,174	654,5808	208,4169	202,7676	300,1798	181,7956	337,107	138,9938
E9Q2Z1;A0A5H1ZRM0	5	1	23,7801	0,221201	2,110522	Cat eye syndrome critical region protein 2 homolog OS=Mus musculus OX=10090 GN=Cecr2 PE=1 SV=1	117,4806	8,454499	106,9777	95,20422	76,36976	199,806	231,0498	185,2727
Q3V1H1	6	2	32,723	0,222061	1,543858	Cytoskeleton-associated protein 2 OS=Mus musculus OX=10090 GN=Ckap2 PE=1 SV=1	802,4252	426,565	387,0557	456,0163	298,0006	426,6367	301,866	315,6295
Q9ES00;A0A571BD95;A0A5F8MP95;G3UZD6	15	3	69,0242	0,222603	1,598241	Ubiquitin conjugation factor E4 B OS=Mus musculus OX=10090 GN=Ube4b PE=1 SV=3	302,0662	178,4819	494,954	97,41761	270,385	400,372	163,9916	282,5278
Q9ES97	39	6	237,5073	0,222668	1,271362	Reticulon-3 OS=Mus musculus OX=10090 GN=Rtn3 PE=1 SV=2	4969,027	4707,666	4002,292	4128,865	5116,479	5611,705	4865,821	4709,747
P29387	23	1	132,5835	0,222839	2,268344	Guanine nucleotide-binding protein subunit beta-4 OS=Mus musculus OX=10090 GN=Gnb4 PE=1 SV=4	164,5471	125,1999	32,63207	162,4702	97,04894	140,2459	71,67978	117,1298
Q8BPM2;E9PX30;E9Q1T3	5	1	36,5703	0,223481	7,704967	Mitogen-activated protein kinase kinase kinase 5 OS=Mus musculus OX=10090 GN=Map4k5 PE=1 SV=2	154,8062	246,9568	56,84182	29,70729	126,8245	145,458	2052,763	116,6229
Q8BGS0	15	2	100,5633	0,223581	1,367688	Protein MAK16 homolog OS=Mus musculus OX=10090 GN=Mak16 PE=1 SV=1	258,796	514,1832	549,563	408,3331	583,6068	372,6272	426,8203	395,2738
Q8CG73	4	1	25,6206	0,223613	1,492569	Protein fantom OS=Mus musculus OX=10090 GN=Rpgrip1I PE=1 SV=2	8250,648	5940,799	5001,204	7435,341	6925,547	4412,415	2298,919	4203,49
Q5HZI1;A0A0R4J1L9;E9Q8N4	8	1	45,1306	0,223627	1,892176	Microtubule-associated tumor suppressor 1 homolog OS=Mus musculus OX=10090 GN=Mtus1 PE=1 SV=2	3888,955	3165,22	2740,859	3408,742	10055,94	2808,468	6301,639	5817,817
Q7TQE6	5	2	29,2347	0,224182	1,159221	Macoilin OS=Mus musculus OX=10090 GN=Maco1 PE=1 SV=1	4530,712	4345,446	3279,198	3185,087	3995,96	3815,4	3868,092	3557,032

Q8JZQ2	30	3	194,7303	0,225176	1,156842	AFG3-like protein 2 OS=Mus musculus OX=10090 GN=Afg3l2 PE=1 SV=1	12858,78	10947,43	9890,742	10362,67	10502,24	10810,13	7752,777	9020,975
Q8K2Z4;A0A087WNQ1;A0A0R4J0H7	43	5	252,2455	0,225215	1,15551	Condensin complex subunit 1 OS=Mus musculus OX=10090 GN=Ncapd2 PE=1 SV=2	2211,603	2276,971	2119,802	1607,904	2760,557	1989,47	2154,498	2431,241
P17751;H7BXC3	55	30	281,9354	0,22566	1,18968	Triosephosphate isomerase OS=Mus musculus OX=10090 GN=Tpi1 PE=1 SV=5	62570,64	54054,01	56921,17	48372,48	63987,34	36753,58	36090,06	49705,12
Q3TMX7	12	3	81,6948	0,226114	1,223572	Sulfhydryl oxidase 2 OS=Mus musculus OX=10090 GN=Qsox2 PE=1 SV=1	1434,264	1173,547	873,2367	1104,114	1080,433	1442,396	1276,684	1170,852
D3Z6P9	3	1	13,344	0,226373	1,434649	RNA helicase OS=Mus musculus OX=10090 GN=Ddx43 PE=1 SV=1	2157,402	1180,15	848,5669	1415,747	1442,646	1283,474	1130,102	1081,911
Q920B9;G3X956	65	18	403,3675	0,226716	1,213091	FACT complex subunit SPT16 OS=Mus musculus OX=10090 GN=Supt16h PE=1 SV=2	10980,58	9422,413	8102,646	8531,071	8963,432	9787,844	5553,487	6691,405
P70677;A0A1B0GRX1	20	4	145,5603	0,22716	1,463401	Caspase-3 OS=Mus musculus OX=10090 GN=Casp3 PE=1 SV=1	690,2376	520,8989	824,2863	492,2675	646,1624	278,9017	520,0609	528,2702
Q9D0L8;D3YYS7;D3Z478;D3Z4K1	19	1	121,4687	0,227172	1,236037	mRNA cap guanine-N7 methyltransferase OS=Mus musculus OX=10090 GN=Rnmt PE=1 SV=1	1368,998	1796,212	1479,581	1689,685	1559,405	2253,74	1636,417	1608,568
P54728	21	7	165,3011	0,227196	1,171917	UV excision repair protein RAD23 homolog B OS=Mus musculus OX=10090 GN=Rad23b PE=1 SV=2	14497,21	12951,36	16824,69	12405,94	15880,06	10735,15	11503,09	11281,19
Q99LL5	16	2	101,8993	0,227285	1,551755	Periodic tryptophan protein 1 homolog OS=Mus musculus OX=10090 GN=Pwp1 PE=1 SV=1	263,8897	489,497	539,1681	396,4025	618,3276	605,6527	383,5315	502,3496
Q9D312	15	2	84,7525	0,227382	1,224187	Keratin, type I cytoskeletal 20 OS=Mus musculus OX=10090 GN=Krt20 PE=1 SV=1	10825,69	10375,41	11263,45	8287,76	11946,76	7632,669	8408,829	9759,839
Q3UH66;A0A0R4J1Z1;E0CYT1;E0CZE3;E9Q6Q2;E9QJQ9;E9QM73;E9QMI8;E9QMI9;F6SRP4	3	1	17,9801	0,22757	1,560874	Serine/threonine-protein kinase WNK2 OS=Mus musculus OX=10090 GN=Wnk2 PE=1 SV=2	517,9969	610,1053	806,669	586,1489	223,7361	950,7982	504,6161	630,4894
G3X9V0;P97372	4	1	27,1011	0,227845	3,056042	Proteasome activator complex subunit 2 OS=Mus musculus OX=10090 GN=Psme2 PE=1 SV=1	15,44918	75,37618	431,5926	4,508445	0	155,5639	252,3196	25,25278
Q9R0E2;A8Y5E6;F6WNR1	46	15	319,204	0,229064	1,330179	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1 OS=Mus musculus OX=10090 GN=Plod1 PE=1 SV=1	4882,471	4489,825	3141,994	6302,342	4066,623	4605,273	3195,884	2603,671
P24788;A2A9P6	25	4	129,5468	0,229069	1,495418	Cyclin-dependent kinase 11B OS=Mus musculus OX=10090 GN=Cdk11b PE=1 SV=2	11430,45	7247,655	8469,979	6921,053	11918,18	9253,567	21319,69	8456,173
P00405	21	11	92,0971	0,229552	1,221059	Cytochrome c oxidase subunit 2 OS=Mus musculus OX=10090 GN=Mtco2 PE=1 SV=1	27234,45	26775,95	19082,2	30159,13	23904,2	33422,95	28358,57	34518,25
Q80ZM5	8	1	75,2992	0,229762	1,488463	H1 histone family, member X OS=Mus musculus OX=10090 GN=H1f10 PE=1 SV=1	1020,889	916,9059	740,2936	1156,907	849,9353	768,2026	1433,992	517,0137
Q62093	22	6	124,2042	0,230266	1,27639	Serine/arginine-rich splicing factor 2 OS=Mus musculus OX=10090 GN=Srsf2 PE=1 SV=4	5348,826	5196,697	3446,912	5586,943	4383,687	2970,862	4198,802	4811,11
Q6ZWQ5;O70493;Q3TGS7;Q3V2H3	4	1	18,1553	0,230415	1,180075	Sorting nexin-12 OS=Mus musculus OX=10090 GN=Snx12 PE=1 SV=1	1134,146	1113,915	1151,962	896,7247	1538,153	1017,083	1287,396	1227,854
P60469;S4R117	10	1	58,5924	0,23132	1,397974	Liprin-alpha-3 OS=Mus musculus OX=10090 GN=Ppfia3 PE=1 SV=2	382,8972	237,604	231,194	352,1586	187,6939	303,6979	471,7346	265,6442

Q58A65;F6SH61;Z4YMB8	57	6	364,5106	0,232193	1,208702	C-Jun-amino-terminal kinase-interacting protein 4 OS=Mus musculus OX=10090 GN=Spag9 PE=1 SV=2	1381,494	1174,279	1426,924	1583,029	1381,421	1625,187	2068,575	1410,31
Q923A2	12	1	64,5856	0,232219	7,436486	Protein Spindly OS=Mus musculus OX=10090 GN=Spdl1 PE=1 SV=2	0	57,25009	7,880947	110,3149	11,56429	0	7,292642	4,735653
Q64727	73	16	479,7899	0,232267	1,294379	Vinculin OS=Mus musculus OX=10090 GN=Vcl PE=1 SV=4	11719,62	12419,13	8997,936	11892,55	10528,01	10036,55	6141,822	8081,922
F6U238;E9Q7L5	3	1	13,5877	0,23294	1,714944	Mastermind-like transcriptional coactivator 2 OS=Mus musculus OX=10090 GN=Maml2 PE=1 SV=2	2820,596	3257,871	1003,863	2887,267	1426,762	1877,764	1625,72	1556,207
Q80TZ9	2	1	8,4858	0,233018	5,710074	Arginine-glutamic acid dipeptide repeats protein OS=Mus musculus OX=10090 GN=Rere PE=1 SV=3	783,3767	409,6342	774,543	39,31899	688,8885	543,2553	34,70697	698,9797
Q61881;D3Z6N3	66	26	477,571	0,233245	1,211852	DNA replication licensing factor MCM7 OS=Mus musculus OX=10090 GN=Mcm7 PE=1 SV=1	39264,06	28442,03	25705,3	28564,39	29887,43	36282,11	31597,16	29950,7
Q91Z50;P39749	11	3	80,4855	0,233343	1,209496	Flap endonuclease 1 OS=Mus musculus OX=10090 GN=Fen1 PE=1 SV=1	8584,073	6862,115	6288,319	5799,729	8111,223	7371,784	5705,282	5629,532
P18052;Q91V35	4	1	21,9605	0,233369	3,334202	Receptor-type tyrosine-protein phosphatase alpha OS=Mus musculus OX=10090 GN=Ptpre PE=1 SV=3	3731,617	4906,004	4041,855	8717,691	2256,213	2633,202	0	1528,064
A0A0N4SW93	4	1	24,1434	0,233486	1,182329	C2 domain-containing protein 5 OS=Mus musculus OX=10090 GN=C2cd5 PE=1 SV=1	6914,495	6093,887	4620,298	5684,742	5851,527	5482,725	4560,948	5519,955
E9Q453;G5E8R2	26	1	178,4092	0,233393	1,375124	Tropomyosin alpha-1 chain OS=Mus musculus OX=10090 GN=Tpm1 PE=1 SV=1	222,9092	465,4973	266,8369	137,5768	321,779	341,4274	489,5139	350,0429
Q6IRU5;F7BHJ0	8	2	54,7929	0,233943	1,378732	Clathrin light chain B OS=Mus musculus OX=10090 GN=Cltb PE=1 SV=1	827,5372	741,1175	787,0987	905,8934	1006,605	742,2774	886,0091	1551,807
Q9JKV1;A0A0A6YVU8	11	1	90,7098	0,234171	7,579661	Proteasomal ubiquitin receptor ADRM1 OS=Mus musculus OX=10090 GN=Adrm1 PE=1 SV=2	94,66349	131,2814	95,11626	2173,911	112,6676	79,21614	91,2095	48,36652
P98078;A0A0R4J104;E9PX84;E9QL31;F6TQN9	6	3	24,3461	0,23419	1,785435	Disabled homolog 2 OS=Mus musculus OX=10090 GN=Dab2 PE=1 SV=2	754,1641	1054,681	667,9704	301,89	940,2061	717,3347	2381,404	922,253
Q8K3I9;A0A0R4J1Y9;A0A0R4J1Z9;EOCXI8;E9QKK4	5	1	32,435	0,234647	1,88018	Glucocorticoid-induced transcript 1 protein OS=Mus musculus OX=10090 GN=Glicci1 PE=1 SV=1	1116,88	815,6284	625,0833	1446,876	529,8834	1026,766	58,93361	514,2484
Q9CQM5	2	1	11,3951	0,234886	1,32283	Thioredoxin domain-containing protein 17 OS=Mus musculus OX=10090 GN=Txndc17 PE=1 SV=1	5417,611	4570,605	5743,544	4100,142	7143,381	3713,734	4530,883	4466,429
Q80YV3	63	12	357,2124	0,234933	1,332888	Transformation/transcription domain-associated protein OS=Mus musculus OX=10090 GN=Trrap PE=1 SV=2	3900,242	4948,48	3400,866	3655,553	3772,009	4435,295	2340,702	1971,257
Q9Z0N2	25	1	182,6403	0,235228	1,261668	Eukaryotic translation initiation factor 2 subunit 3, Y-linked OS=Mus musculus OX=10090 GN=Elf2s3y PE=1 SV=2	927,796	898,7027	1164,741	671,8323	785,5545	634,0597	596,5873	887,1547
Q9WUM4;E9PVJ1;E9PX03;E9PZJ0	26	10	149,2903	0,235295	1,190353	Coronin-1C OS=Mus musculus OX=10090 GN=Coro1c PE=1 SV=2	12629,36	11871,19	9558,43	10743,56	13308,83	12702,92	9599,822	9802,595

Q60680	4	1	19,0231	0,235831	1,541371	Inhibitor of nuclear factor kappa-B kinase subunit alpha OS=Mus musculus OX=10090 GN=Chuk PE=1 SV=1	798,0736	467,605	458,3384	246,2712	724,2797	710,8807	300,47	705,9283
Q9R0M6;A2AFP4;A2AFP5	10	1	52,5542	0,235841	1,296896	Ras-related protein Rab-9A OS=Mus musculus OX=10090 GN=Rab9a PE=1 SV=1	2075,066	1853,669	1243,371	1863,755	2224,927	1874,815	1908,48	1747,579
Q9JKF7	15	3	100,7208	0,236253	1,128851	39S ribosomal protein L39, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl39 PE=1 SV=4	3028,659	2926,221	2618,51	2219,766	2687,113	2541,751	2625,461	2501,162
Q9CW03	99	16	688,0409	0,236831	1,310605	Structural maintenance of chromosomes protein 3 OS=Mus musculus OX=10090 GN=Smc3 PE=1 SV=2	7779,082	5249,107	4452,001	3756,971	4959,956	4618,148	5812,792	5057,095
Q8K4G5;E9Q030;E9Q9C0;E9Q9C1;E9Q9C2;E9Q9C4;E9Q9C7;E9Q9D1;E9Q9D2;E9QK41	7	1	35,9362	0,236855	1,464386	Actin-binding LIM protein 1 OS=Mus musculus OX=10090 GN=Ablim1 PE=1 SV=1	522,4989	562,9556	923,3902	441,1947	878,4324	534,3306	713,8067	661,2627
Q9D2V7;E9PYU1;G3X9L5	16	1	87,9205	0,237273	2,018243	Coronin-7 OS=Mus musculus OX=10090 GN=Coro7 PE=1 SV=2	153,7575	119,0032	140,8472	246,156	32,95998	204,8598	149,6375	130,8758
Q9Z2A5	2	1	9,2765	0,237524	9,126931	Arginyl-tRNA--protein transferase 1 OS=Mus musculus OX=10090 GN=Ate1 PE=1 SV=2	0	225,3085	1468,341	70,52337	0	191,9894	399,4853	124,18
Q8BMC4	14	4	91,563	0,23762	1,572739	Nucleolar protein 9 OS=Mus musculus OX=10090 GN=Nop9 PE=1 SV=1	3173,954	2202,73	5536,058	2118,021	2540,039	2325,451	1917,057	1985,44
Q14AX6	13	5	64,0664	0,23782	1,384635	Cyclin-dependent kinase 12 OS=Mus musculus OX=10090 GN=Cdk12 PE=1 SV=2	3963,074	2999,451	2430,545	2023,407	3357,202	3144,679	5350,488	2701,534
Q9CYG7	19	7	140,3912	0,239374	1,207778	Mitochondrial import receptor subunit TOM34 OS=Mus musculus OX=10090 GN=Tomm34 PE=1 SV=1	7528,182	7814,022	7823,36	5284,689	7900,486	5884,204	4403,977	5367,196
Q5SS00;A0A6I8MWW6	39	5	192,5161	0,240456	1,19434	DBF4-type zinc finger-containing protein 2 homolog OS=Mus musculus OX=10090 GN=Zdbf2 PE=2 SV=1	36633,38	26064,81	26359,12	25779,14	22792,42	32610	26241,72	31505,56
P17439	5	1	31,8904	0,241563	1,165484	Lysosomal acid glucosylceramidase OS=Mus musculus OX=10090 GN=Gba PE=1 SV=1	8026,251	6812,359	5873,571	5576,536	7451,969	7466,583	6359,258	6122,541
J3QQ14	1	1	4,0513	0,241864	1,910766	Predicted gene 4791 OS=Mus musculus OX=10090 GN=Gm4791 PE=4 SV=1	485,4739	1671,296	2010,99	815,731	1465,687	1229,855	1038,161	1628,401
Q9Z2Q5;D3Z7C0	14	4	109,2066	0,241916	1,337097	39S ribosomal protein L40, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl40 PE=1 SV=2	588,0951	776,8686	755,2266	659,6257	727,6144	960,0287	749,8041	590,7639
Q80TA6;G3U204;G3XA69	6	1	34,0175	0,242708	1,618916	Myotubularin-related protein 12 OS=Mus musculus OX=10090 GN=Mtmr12 PE=1 SV=2	952,1222	110,3426	572,3766	246,3426	768,6519	877,744	343,5978	629,8096
P97820;A0A0A6YVZ8;A0A0A6YW53;A0A0A6YWJ2;A0A0A6YWM8;A0A0A6YWR8;B2RUE8;B7ZNR9;E0CYV5;E9PVG7;F8VPL5	31	3	153,4074	0,242719	1,111663	Mitogen-activated protein kinase kinase kinase 4 OS=Mus musculus OX=10090 GN=Map4k4 PE=1 SV=1	1025,007	924,7332	1151,885	1137,845	1092,79	979,5666	1086,279	1168,256
Q9CXY9;E9Q421;Q8BL63;Q8BXX3	19	4	98,2447	0,243743	1,211162	GPI-anchor transamidase OS=Mus musculus OX=10090 GN=Pigk PE=1 SV=2	2374,278	2623,576	1965,828	2677,847	1540,026	2459,867	2142,758	1817,912
Q91YR7	62	9	325,2581	0,243856	1,394501	Pre-mRNA-processing factor 6 OS=Mus musculus OX=10090 GN=Prpf6 PE=1 SV=1	4997,185	3329,581	4722,594	4076,516	4769,829	4020,008	6824,732	3047,401

Q8BU13	12	2	69,9667	0,245075	1,731475	Leucine-rich repeat and WD repeat-containing protein 1 OS=Mus musculus OX=10090 GN=LRWD1 PE=2 SV=1	78,29538	66,77097	55,61406	69,93775	75,83613	163,6657	167,0221	62,04472
Q6S5L9	3	3	12,8538	0,245149	1,271577	SHC-transforming protein 4 OS=Mus musculus OX=10090 GN=Shc4 PE=1 SV=1	765,739	870,8649	702,7465	706,4077	791,9413	638,553	790,9865	468,6322
Q9CZM2;B8JKK2	30	17	173,4709	0,245594	1,160069	60S ribosomal protein L15 OS=Mus musculus OX=10090 GN=Rpl15 PE=1 SV=4	29412,51	32927,27	28753,49	29349,56	32841,69	24958,16	21001,63	25022,4
F7D1Q2	1	1	4,2083	0,245773	1,320621	Transmembrane protein 44 (Fragment) OS=Mus musculus OX=10090 GN=Tmem44 PE=1 SV=1	3514,672	3425,283	2765,84	2702,669	4515,894	2836,956	3968,416	2805,051
Q9R1P3	17	5	118,0714	0,246014	1,347958	Proteasome subunit beta type-2 OS=Mus musculus OX=10090 GN=Psb2 PE=1 SV=1	3278,47	2924,987	4539,349	2273,973	3959,357	2920,951	2987,225	2437,866
Q8QZY1;A0A2R8VH97	35	15	247,5426	0,246436	1,086733	Eukaryotic translation initiation factor 3 subunit L OS=Mus musculus OX=10090 GN=Eif3l PE=1 SV=1	7199,526	6540,184	6980,949	6218,576	7656,913	6220,25	6890,681	6972,023
A0A1L1SUD9;A0A2I3BPIO;Q8C5V8	9	1	49,3011	0,246707	1,94548	Coiled-coil domain-containing protein 187 OS=Mus musculus OX=10090 GN=Ccdc187 PE=1 SV=1	5264,951	4469,007	3478,608	4097,76	3440,373	3629,737	196,1859	1631,422
Q6P6J9	2	2	16,1378	0,246763	1,376654	Thioredoxin domain-containing protein 15 OS=Mus musculus OX=10090 GN=Txndc15 PE=1 SV=1	1448,395	729,9099	656,0243	828,4987	698,7588	770,3285	564,952	682,004
O88569;A0A0N4SUM2	79	37	484,732	0,247202	1,155639	Heterogeneous nuclear ribonucleoproteins A2/B1 OS=Mus musculus OX=10090 GN=Hnrnpa2b1 PE=1 SV=2	60504,97	61177,06	56686,29	55771,23	59848,21	57929,11	39871,47	50949,2
G5E8K5;G5E8K2;G5E8K3;S4R165;S4R236;S4R2F5;S4R2J6;S4R2S8	15	1	61,2486	0,247287	1,461069	Ankyrin-3 OS=Mus musculus OX=10090 GN=Ank3 PE=1 SV=1	2042,838	1532,47	1838,849	2106,363	1280,856	3148,384	1833,366	2004,967
Q9Z315	47	14	298,6588	0,247515	1,295357	U4/U6.U5 tri-snRNP-associated protein 1 OS=Mus musculus OX=10090 GN=Sart1 PE=1 SV=1	6249,964	4847,985	4797,019	4327,652	6167,78	4318,545	2944,715	3738,003
Q14BE7	3	1	14,8249	0,247839	1,507121	Family with sequence similarity 47, member A OS=Mus musculus OX=10090 GN=Fam47c PE=2 SV=1	116,4405	178,7723	219,5933	182,312	312,0317	136,9513	247,8903	286,9677
O35690	15	4	95,6363	0,247988	1,165742	Paired mesoderm homeobox protein 2B OS=Mus musculus OX=10090 GN=Phox2b PE=1 SV=1	752,1595	763,0975	843,4008	808,6457	916,1443	885,9929	924,0127	966,1079
P26443;F7CFA5	53	15	360,7399	0,248189	1,262469	Glutamate dehydrogenase 1, mitochondrial OS=Mus musculus OX=10090 GN=Glud1 PE=1 SV=1	17110,62	14935,88	9774,372	13812,32	13493,55	19269,21	13160,18	13591,28
Q6JHY2	6	1	25,2835	0,248222	2,382365	Submandibular gland protein C OS=Mus musculus OX=10090 GN=Muc19 PE=1 SV=1	38,9863	996,7184	83,16784	7,241192	1205,844	1147,029	286,0368	43,90394
Q78ZA7;A0A140LI78;A0A140LJ37;A0A140LJB5;B7ZNL2	18	4	164,8753	0,248425	1,186468	Nucleosome assembly protein 1-like 4 OS=Mus musculus OX=10090 GN=Nap1l4 PE=1 SV=1	3796,002	5200,814	6017,028	4652,249	4221,526	4627,042	4738,38	4372,428
Q9Z2W8;G5E863	6	2	22,0826	0,24843	1,468427	Glutamate receptor 4 OS=Mus musculus OX=10090 GN=Gria4 PE=1 SV=2	127,1387	346,9415	277,5482	291,397	225,5088	384,5641	331,3647	350,2461

Q99LT0	5	1	39,515	0,248447	2,781664	Protein dpy-30 homolog OS=Mus musculus OX=10090 GN=Dpy30 PE=1 SV=1	2454,086	6408,636	9020,584	1969,055	17,05984	5049,451	4382,566	1838,052
Q60722;A0A0J9YTW1;A0A0J9YU3 7;A0A0J9YU89;A0A0J9YU91;A0A0 J9YUK1;A0A0J9YUP9;A0A0J9YUR 0;A0A0J9YUT3;A0A0J9YUT7;A0A0 J9YUX6;A0A0J9YUZ0;A0A0J9YV50 ;A0A0J9YVB3;A0A0J9YVG2;A0A0J 9YV11;Q91YV0	15	2	81,8852	0,248897	2,765026		40,46925	55,1989	73,36944	0	91,91016	124,3746	10,03688	156,0956
Q8K1R3	37	6	242,435	0,249849	1,254606	Transcription factor 4 OS=Mus musculus OX=10090 GN=Tcf4 PE=1 SV=1 Polyribonucleotide nucleotidyltransferase 1, mitochondrial OS=Mus musculus OX=10090 GN=Pnpt1 PE=1 SV=1	2296,84	2058,333	2539,446	2363,843	2044,506	2816,811	3809,301	2945,102
A2AWI7;A2AWI9;Q8R3V5	6	2	36,7494	0,250495	1,134559	Endophilin-B2 OS=Mus musculus OX=10090 GN=Sh3glb2 PE=1 SV=1	998,7663	1113,535	955,1543	962,827	1041,764	768,7344	976,647	933,3171
Q8BNU0	10	1	67,5916	0,251096	1,190657	Armadillo repeat-containing protein 6 OS=Mus musculus OX=10090 GN=Armc6 PE=1 SV=1	3034,189	3156,724	2722,565	2394,144	2931,508	2320,063	2381,16	1864,23
A2ALL9	32	1	195,9369	0,251102	2,024231	Calcium-transporting ATPase OS=Mus musculus OX=10090 GN=Atp2b3 PE=1 SV=1	35,18342	29,19331	62,31886	202,27	49,92587	198,928	159,6186	257,43
Q99J38	5	1	32,8856	0,251942	1,360357	Tetratricopeptide repeat protein 30A1 OS=Mus musculus OX=10090 GN=Ttc30a1 PE=1 SV=1	1369,182	3304,888	2560,751	1553,907	2545,365	2977,669	3277,814	1891,637
P35486 Q9Z1F9;A2BH29;H3BLM2;H3BLR 3	38	12	186,4502	0,251965	1,262259	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial OS=Mus musculus OX=10090 GN=Pdha1 PE=1 SV=1	18210,71	12140,92	10084,58	10570,52	14969,25	16790,84	11654,67	14920,91
Q9WV32;F6THG2;F6VVE6;Q91Z2 5	25	3	199,9915	0,252043	1,337799	SUMO-activating enzyme subunit 2 OS=Mus musculus OX=10090 GN=Uba2 PE=1 SV=1	2084,828	2431,564	2857,778	1295,178	1935,595	2536,605	1715,832	2328,282
Q6NZR5	17	4	128,4872	0,252538	1,205774	Actin-related protein 2/3 complex subunit 1B OS=Mus musculus OX=10090 GN=Arpc1b PE=1 SV=4	13442,42	11267,33	8768,224	9673,427	10435,19	10546,3	8184,246	10857,56
Q91VM5;A0A213BQC0	4	1	20,8966	0,252546	1,673467	Superkiller viralicidic activity 2-like (S. cerevisiae) OS=Mus musculus OX=10090 GN=Skiv2l PE=1 SV=1	1084,38	1428,414	1355,663	1146,582	44,62403	918,5077	878,2465	1155,419
Q61666	54	2	347,7774	0,2529	1,347555	RNA binding motif protein, X-linked-like-1 OS=Mus musculus OX=10090 GN=Rbmx1l PE=2 SV=1	6056,727	5393,827	3973,605	5302,305	3674,588	5630,597	3414,964	4599,702
Q9D8X2	14	1	73,2392	0,253062	1,430312	Protein HIRA OS=Mus musculus OX=10090 GN=Hira PE=1 SV=3	4612,367	4900,88	4212,017	3028,552	6499,593	4485,915	3524,114	2337,452
P61460;E9QAT3;Q6GQV2	9	3	42,2551	0,253384	1,332491	Coiled-coil domain-containing protein 124 OS=Mus musculus OX=10090 GN=Ccdc124 PE=1 SV=1	308,4815	458,7835	582,446	551,789	713,5191	588,2315	480,7451	751,2352
P47856;D3YYD9	32	4	147,8099	0,253543	1,336602	GATOR complex protein DEPDC5 OS=Mus musculus OX=10090 GN=Depdc5 PE=1 SV=2	1561,657	1168,264	1362,241	1327,553	1558,426	1406,533	2816,523	1381,82
	29	1	164,6951	0,25439	1,231836	Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1 OS=Mus musculus OX=10090 GN=Gfpt1 PE=1 SV=3	1231,641	1112,124	972,937	906,1887	1243,667	903,9982	695,262	700,7367



Q8VI33	6	1	36,8557	0,254438	3,287325	Transcription initiation factor TFIID subunit 9 OS=Mus musculus OX=10090 GN=Taf9 PE=1 SV=1	238,1312	1132,835	151,54	1455,133	323,887	427,5142	283,9054	139,7751
P12382;A0A1W2P7T1	37	10	239,2398	0,254508	1,154934	ATP-dependent 6-phosphofructokinase, liver type OS=Mus musculus OX=10090 GN=Pfkf PE=1 SV=4	7297,492	6425,017	6126,656	5744,999	5666,19	5107,15	7523,17	5470,125
Q6NY15;D6RIK6	28	3	164,6744	0,254511	1,178631	Testis-specific gene 10 protein OS=Mus musculus OX=10090 GN=Tsga10 PE=1 SV=1	1763,114	1646,27	1088,865	1330,978	1384,474	1622,826	1335,971	1524,084
Q8BY87;A0A1L1SV73	12	2	76,1826	0,254617	1,669905	Ubiquitin carboxyl-terminal hydrolase 47 OS=Mus musculus OX=10090 GN=Usp47 PE=1 SV=2	197,5038	174,1349	328,3669	145,2708	324,984	153,6755	206,4827	372,025
J3QNT6	10	1	71,081	0,254875	1,918671	Eukaryotic translation initiation factor 4C OS=Mus musculus OX=10090 GN=Eif1ad15 PE=3 SV=1	105,0626	70,54222	290,399	146,3211	181,0799	103,072	117,7193	100,6306
Q01405;E9Q153	32	5	209,7544	0,255168	1,394722	Protein transport protein Sec23A OS=Mus musculus OX=10090 GN=Sec23a PE=1 SV=2	1794,214	1841,407	2180,302	2037,447	497,6496	1911,431	1883,787	1827,148
P97376	2	1	13,4254	0,255245	1,901918	Protein FRG1 OS=Mus musculus OX=10090 GN=Frg1 PE=1 SV=2	857,2934	1352,527	771,4561	1177,016	1172,461	724,9929	3010,735	1087,535
Q9R1C6;F2Z490	4	1	20,6358	0,255275	1,194446	Diacylglycerol kinase epsilon OS=Mus musculus OX=10090 GN=Dgke PE=1 SV=1	3950,092	2742,501	2340,72	2882,507	3217,134	3296,844	2562,263	2709,641
A0A0R4J078;A0A087WSK5;Q8VCH8	12	5	77,6525	0,255535	1,348479	UBX domain-containing protein 4 OS=Mus musculus OX=10090 GN=Ubxn4 PE=1 SV=1	2560,741	1468,91	1578,937	1766,35	1880,589	1203,655	1360,796	1024,039
Q3UYV8	5	1	24,5097	0,255994	1,133995	Dynein axonemal assembly factor 3 OS=Mus musculus OX=10090 GN=Dnaaf3 PE=1 SV=1	0	0	250,6707	43,56391	101,4801	28,13845	55,71163	74,13706
S4R1M9;A0A0R4J0F9;A0A5F8MQ99	23	3	121,1	0,256362	1,347151	Oxysterol-binding protein-related protein 10 OS=Mus musculus OX=10090 GN=Osdbl10 PE=1 SV=1	686,6056	579,962	883,394	708,0162	818,4658	683,9242	1409,622	938,1155
A5D6P2;B7ZNY3;E0CXL4;E0CXR8;E0CZE2;E9PYJ2;F6S7Z1;G3XA13;Q99NH2	3	1	18,7378	0,256813	1,898538	Par-3 (Partitioning defective 3) homolog (C. elegans) OS=Mus musculus OX=10090 GN=Pard3 PE=1 SV=1	658,8145	665,079	547,8753	220,9819	408,4285	447,243	41,83117	204,7932
P10126;D3YZ68;D3Z3I8	145	40	499,1553	0,257315	1,214577	Elongation factor 1-alpha 1 OS=Mus musculus OX=10090 GN=Eef1a1 PE=1 SV=3	64684,11	62952,37	57593,23	55689,26	68262,63	49393,59	36624,25	56326,58
Q8R1S0;D3YW66	8	2	30,3193	0,257322	1,686349	Ubiquinone biosynthesis monooxygenase COQ6, mitochondrial OS=Mus musculus OX=10090 GN=Coq6 PE=1 SV=3	1184,655	667,0146	518,8607	497,046	899,8933	330,4673	465,9283	636,3365
P14426	14	1	86,5447	0,257356	1,978913	H-2 class I histocompatibility antigen, D-K alpha chain OS=Mus musculus OX=10090 GN=H2-D1 PE=1 SV=1	1387,121	1549,353	692,5181	1404,072	868,3734	1033,969	3459,275	1128,39
Q9JLI0;Q8VC28	4	1	25,0333	0,257831	1,543947	Aldo-keto reductase a OS=Mus musculus OX=10090 GN=Akr1c12 PE=1 SV=1	249,9911	268,4981	298,7068	393,5849	292,3205	398,177	554,1879	624,6965
G3UYZ9;D3Z4U5	3	2	8,0638	0,259379	1,189196	Janus kinase and microtubule-interacting protein 1 OS=Mus musculus OX=10090 GN=Jakmip1 PE=1 SV=1	2610,11	1959,062	1859,022	2759,037	2967,821	3058,121	2336,019	2563,453
P28656;Q3TF41;Q8BSH9	23	8	187,5585	0,259589	1,12277	Nucleosome assembly protein 1-like 1 OS=Mus musculus OX=10090 GN=Nap1l1 PE=1 SV=2	54351,19	58220,31	56311,03	46316,58	54853,69	43047,61	45944,66	47822,14

Q60665	2	1	14,777	0,259646	1,855745	Ski-like protein OS=Mus musculus OX=10090 GN=Skil PE=1 SV=2	1087,292	654,1569	843,5672	1158,27	623,4825	1006,613	27,11885	1042,783
Q8VEE4	14	1	96,1782	0,259898	1,659547	Replication protein A 70 kDa DNA-binding subunit OS=Mus musculus OX=10090 GN=Rpa1 PE=1 SV=1	7855,379	3084,982	5660,928	8787,084	4748,453	3117,762	540,3333	9003,46
Q8BVQ5;A0A140LI84	14	1	96,1801	0,259918	1,922643	Protein phosphatase methylesterase 1 OS=Mus musculus OX=10090 GN=Ppme1 PE=1 SV=5	891,6298	2756,007	853,8805	760,1456	693,9894	702,3346	1352,482	811,1791
P47879;H3BJT2;H3BLB7	5	1	24,9466	0,26001	1,245402	Insulin-like growth factor-binding protein 4 OS=Mus musculus OX=10090 GN=Igfbp4 PE=1 SV=2	2772,989	1897,862	2484,405	1505,456	2841,329	2858,916	2545,238	2540,588
P62320;A0A1W2P7K5	14	7	77,6817	0,260629	1,078983	Small nuclear ribonucleoprotein Sm D3 OS=Mus musculus OX=10090 GN=Snrdp3 PE=1 SV=1	30018,95	26994,73	25850,53	26555,64	29534,12	29527,85	30373,07	28627,14
Q4VBE8	11	3	59,9151	0,260707	1,104035	WD repeat-containing protein 18 OS=Mus musculus OX=10090 GN=Wdr18 PE=1 SV=1	19093,97	15971,72	14717,9	17360,67	15043,48	16098,76	14258,1	15416,8
Q62186;Q9D8L3	9	1	86,2635	0,261225	1,179764	Translocon-associated protein subunit delta OS=Mus musculus OX=10090 GN=Ssr4 PE=1 SV=1	5811,021	5653,254	3567,875	5154,673	5693,657	6316,058	5586,234	6219,737
Q9WU78	49	13	373,6804	0,261785	1,184269	Programmed cell death 6-interacting protein OS=Mus musculus OX=10090 GN=Pcdc6ip PE=1 SV=3	8628,843	7347,072	5552,208	7129,57	7642,641	8070,218	7830,744	6538,263
Q8BRU6	1	1	12,6772	0,261792	1,917882	Synaptic vesicular amine transporter OS=Mus musculus OX=10090 GN=Slc18a2 PE=1 SV=1	1469,107	1753,114	1263,686	804,5724	5,414248	1996,381	1166,065	422,2812
Q99KX1;A0A0N4SVX3	9	1	65,3789	0,262194	1,608531	Myeloid leukemia factor 2 OS=Mus musculus OX=10090 GN=Mlf2 PE=1 SV=1	1214,972	693,6146	922,5484	2109,972	1157,03	737,8726	1191,655	880,7163
E9Q2S6	3	1	15,1647	0,262701	1,944021	Zinc finger protein 780B OS=Mus musculus OX=10090 GN=Zfp780b PE=1 SV=1	421,2917	617,5339	331,8253	400,0242	174,4744	465,5995	0	270,7573
Q8VBT9;A2AC02;A2AC03;A2AC05 P62737;A0A0U1RQ96;A0A494B9 T3;D3YZY0;D3Z2K3;P63268	11	1	55,0088	0,263846	1,196489	Tether containing UBX domain for GLUT4 OS=Mus musculus OX=10090 GN=Aspscr1 PE=1 SV=1	4600,287	4292,478	3850,944	3910,988	6160,401	3893,11	4937,314	4936,342
	160	1	575,2784	0,264151	3,079864	Actin, aortic smooth muscle OS=Mus musculus OX=10090 GN=Acta2 PE=1 SV=1	0	0	50,56916	30,0557	1,117227	81,22163	7,941908	12,63605
P32037	27	11	146,6203	0,264172	1,205268	Solute carrier family 2, facilitated glucose transporter member 3 OS=Mus musculus OX=10090 GN=Slc2a3 PE=1 SV=1	22128,34	21481,83	13163,16	19975,92	16702,14	21057,09	15983,74	18580,95
Q3TCN2	8	1	58,8969	0,265307	1,243944	Putative phospholipase B-like 2 OS=Mus musculus OX=10090 GN=Plbd2 PE=1 SV=2	1313,613	949,3297	865,6969	834,1336	924,6868	1024,574	916,6778	944,0228
Q99JX7;V9GXF3;V9GXW3	25	9	181,7198	0,265522	1,657223	Nuclear RNA export factor 1 OS=Mus musculus OX=10090 GN=Nxf1 PE=1 SV=3	3111,67	5485,611	3116,852	7300,181	1437,599	4134,595	3137,204	2764,205
Q9CWL8	25	9	160,1486	0,266456	1,343618	Beta-catenin-like protein 1 OS=Mus musculus OX=10090 GN=Ctnnb1 PE=1 SV=1	5628,399	4396,688	3278,677	3547,223	3398,245	4207,504	4210,199	3203,888
F6V035	5	1	27,5494	0,26648	6,507124	Coiled-coil domain-containing 149 OS=Mus musculus OX=10090 GN=Ccdc149 PE=1 SV=1	0	79,96358	100,44	27,98258	15,05927	15,20829	39,8412	21,23343
Q7TSJ2;A0A140LIT9;D3Z6W1	25	2	151,5343	0,266982	3,948885	Microtubule-associated protein 6 OS=Mus musculus OX=10090 GN=Map6 PE=1 SV=2	277,8822	93,91649	210,0121	66,174	174,0868	174,8694	1958,358	251,5036

E9PVX6	194	40	1271,2423	0,267185	1,126428	Proliferation marker protein Ki-67 OS=Mus musculus OX=10090 GN=Mki67 PE=1 SV=1	15389,08	13293,91	14549,29	14334,14	10543,04	14964,56	12543,88	13053,78
Q91YE8	4	1	23,0282	0,267187	1,096711	Synaptopodin-2 OS=Mus musculus OX=10090 GN=Synpo2 PE=1 SV=2	1356,499	1430,347	1493,051	1378,125	1338,286	1468,723	1375,296	1224,929
Q3V300;A0A0U1RPH8	28	6	151,7931	0,267446	1,12542	Kinesin-like protein KIF22 OS=Mus musculus OX=10090 GN=Kif22 PE=2 SV=2	8798,175	8191,87	7969,036	6707,326	8188,245	7277,376	6418,949	6383,609
Q8R3C6;A0A0J9YUT8	21	1	121,6221	0,268013	1,342944	Probable RNA-binding protein 19 OS=Mus musculus OX=10090 GN=Rbm19 PE=1 SV=1	1437,669	1474,318	1629,035	2048,248	1468,335	1884,907	2819,53	1412,42
A0A338P6J0;A0A571BEK3;A0A571BEZ4;D3YUZ8;D3YWU0;E9Q2L2;Q91XM9	8	1	37,1217	0,268067	1,980793	Disks large homolog 2 OS=Mus musculus OX=10090 GN=Dlg2 PE=1 SV=2	72,26736	86,52674	170,7668	261,9978	86,06368	65,7293	57,14227	89,71217
Q3UJB0;A0A494B9S9	46	15	310,4141	0,26822	1,171846	Splicing factor 3b, subunit 2 OS=Mus musculus OX=10090 GN=Sf3b2 PE=1 SV=1	17814,31	16739,57	12280,09	15375,08	16723,3	14667,42	11569,59	14576,4
A0A0R4J1E2;A0A0R4J1L2;D3YUQ9;D3YY68;D3YZT9;D3Z356;D3Z7N2;E9PUM6;E9QN08;F6ZFU0;Q80T06;Q91VK2;Q9CVV2	51	3	330,1981	0,268491	1,153379	Elongation factor 1-delta OS=Mus musculus OX=10090 GN=Eef1d PE=1 SV=1	21540,48	18251,27	18867,48	15296,6	22043,7	16824,45	18655,63	15866,53
Q99J16;A0A0G2JED9;A0A1W2P777	29	2	190,0699	0,26874	1,17708	Ras-related protein Rap-1b OS=Mus musculus OX=10090 GN=Rap1b PE=1 SV=2	13767,23	10151,27	9034,149	9176,072	11036,43	14834,19	12642,63	11075,63
P57776	32	2	212,0595	0,268923	1,201027	Elongation factor 1-delta OS=Mus musculus OX=10090 GN=Eef1d PE=1 SV=3	3658,422	2874,037	2883,853	2347,001	3429,711	2544,705	2805,315	2432,365
Q63918	10	2	48,1957	0,269589	8,335188	Caveolae-associated protein 2 OS=Mus musculus OX=10090 GN=Cavin2 PE=1 SV=3	1294,265	777,4299	971,8392	951,708	1353,493	1136,511	29481,75	1329,339
B2RUS0;E9PUC8	11	2	49,0971	0,269874	1,612988	Transient receptor potential cation channel, subfamily M, member 3 OS=Mus musculus OX=10090 GN=Trpm3 PE=1 SV=1	710,3442	691,2695	1661,045	503,8536	1558,514	952,4859	306,5849	1128,709
Q9EQH3	42	9	278,1844	0,270273	1,569116	Vacuolar protein sorting-associated protein 35 OS=Mus musculus OX=10090 GN=Vps35 PE=1 SV=1	1714,636	1993,479	2620,461	858,2429	1557,386	1192,501	1655,19	1006,995
P31230;A0A0G2JDH0;A0A0G2JDW6;A0A0G2JEU9;Q3UZG4	36	18	224,4244	0,270294	1,14746	Aminoacyl tRNA synthase complex-interacting multifunctional protein 1 OS=Mus musculus OX=10090 GN=Aimp1 PE=1 SV=2	12597,78	10083,22	9608,753	8569,642	10452,96	9071,68	8232,889	8527,116
Q9ERS2	12	5	73,9535	0,270596	1,119026	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13 OS=Mus musculus OX=10090 GN=Ndufa13 PE=1 SV=3	8491,724	8046,394	6892,097	7707,876	8465,189	9877,459	8198,305	8303,386
Q9DBB4;E9PZ53	5	1	25,0639	0,27096	1,331042	N-alpha-acetyltransferase 16, NatA auxiliary subunit OS=Mus musculus OX=10090 GN=Naa16 PE=2 SV=1	4724,742	5156,162	3235,257	3551,803	3694,671	4235,661	2072,117	2520,041
Q9WUL7;A0A494BAJ6	9	3	60,4891	0,271496	2,6404	ADP-ribosylation factor-like protein 3 OS=Mus musculus OX=10090 GN=Arl3 PE=1 SV=1	131,497	103,3932	15,83364	101,2863	156,5437	60,22987	384,0856	142,6209
Q99J23	4	2	25,2132	0,271512	1,794123	GH3 domain-containing protein OS=Mus musculus OX=10090 GN=Ghdc PE=2 SV=2	408,3861	965,6692	940,7126	498,0912	176,5286	832,5755	875,1695	478,5938
Q8BYL4;E9PX65;F7BWC1	17	2	124,4166	0,271985	1,382359	Tyrosine--tRNA ligase, mitochondrial OS=Mus musculus OX=10090 GN=Yars2 PE=1 SV=2	950,5021	465,3505	483,5364	655,8466	684,7667	1155,614	1051,565	640,3077
Q9CQF9;A0A0N4SWD3;D3Z275;F7CIP8	23	5	167,7851	0,272818	1,164045	Prenylcysteine oxidase OS=Mus musculus OX=10090 GN=Pcyox1 PE=1 SV=1	1630,156	1654,614	1791,15	1620,651	1833,045	2428,235	1892,751	1557,362

Q9CZU3	55	10	360,8711	0,272972	1,208894	Exosome RNA helicase MTR4 OS=Mus musculus OX=10090 GN=Mtrex PE=1 SV=1	3134,206	4926,542	4019,536	4747,37	4930,663	3564,02	3542,328	4830,479
Q9DC04;I7HFV2	4	1	18,7037	0,273338	3,768826	Regulator of G-protein signaling 3 OS=Mus musculus OX=10090 GN=Rgs3 PE=1 SV=2	0	193,0582	165,4033	5,088064	0	230,5982	142,1758	6,808611
P53702	4	1	20,4158	0,27357	1,672703	Holocytochrome c-type synthase OS=Mus musculus OX=10090 GN=Hccs PE=1 SV=2	92,10408	208,9576	96,35459	154,4552	81,38227	145,6833	98,38257	55,45099
A2AN61;F6S5B6;F6XWQ4;Q3UUUV0;Q8VEH2	16	3	73,7951	0,273646	1,48788	OS=Mus musculus OX=10090 GN=Ciz1 PE=1 SV=1	301,9996	268,1292	416,8375	428,13	257,3014	353,9933	84,03778	486,9627
P11440;A0A1Y7VIW8;A0A1Y7VJE1;A0A1Y7VNS6;A0A286YCF7;D3Z2T9;E3W997;F2Z480;Q3V3A1;Q64261;Q99J95;Q9JHU3	23	4	127,8561	0,27366	1,333793	Cyclin-dependent kinase 1 OS=Mus musculus OX=10090 GN=Cdk1 PE=1 SV=3	9814,217	9429,201	8586,219	9502,509	9203,906	6518,125	3046,674	9220,762
E9Q9B7;A0A1Y7VMH7;A0A1Y7VNF8	47	2	263,2898	0,274043	1,332851	Kinase D-interacting substrate 220 OS=Mus musculus OX=10090 GN=Kidins220 PE=1 SV=1	13962,75	14148,97	6497,021	9562,884	14828,01	10308,14	14112,7	15551,49
O55022	16	3	124,5092	0,274086	1,255953	Membrane-associated progesterone receptor component 1 OS=Mus musculus OX=10090 GN=Pgrmc1 PE=1 SV=4	1359,765	1139,032	930,9986	1076,261	1280,076	1267,699	807,6604	1037,144
Q9D8V0	12	3	62,712	0,27415	1,342547	Minor histocompatibility antigen H13 OS=Mus musculus OX=10090 GN=Hm13 PE=1 SV=1	3513,222	4090,673	1843,811	3811,685	2830,182	4117,645	3459,625	3751,878
Q9DBR4;E9PWH3;E9QPX0;F6V8Y6;Q3TDW6;Q3TIZ5	12	1	65,725	0,274153	1,216569	Amyloid beta precursor protein binding family B member 2 OS=Mus musculus OX=10090 GN=Apbb2 PE=1 SV=2	1053,013	1286,004	908,6797	1073,922	1222,4	917,9401	1291,35	1422,113
P18155;A0A0N4SVS2;A0A0N4SVW2	27	6	176,1287	0,27419	1,314692	Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial OS=Mus musculus OX=10090 GN=Mthfd2 PE=1 SV=1	1303,877	1983,902	2128,064	1753,732	1566,595	3039,49	1696,815	1727,95
P50518;A0A0N4SW07;A0A0N4SW34	19	4	127,5322	0,274295	1,102415	V-type proton ATPase subunit E 1 OS=Mus musculus OX=10090 GN=Atp6v1e1 PE=1 SV=2	497,7561	497,6427	524,3656	472,2149	490,6512	540,2294	503,5082	483,7383
B1AT82;B1AT83;B1AT84	16	1	102,8578	0,274497	1,549256	Phosphoribosyl pyrophosphate synthase-associated protein 1 OS=Mus musculus OX=10090 GN=Prpsap1 PE=1 SV=1	2572,171	2226,524	2074,249	2134,358	2929,748	2326,519	5285,023	1904,392
P17183;A0A0N4SUI6;A0A0N4SUW8;A0A0N4SUX5;D3YVD3;D3Z2S4;D3Z6E4	39	3	305,039	0,274565	1,375492	Gamma-enolase OS=Mus musculus OX=10090 GN=Eno2 PE=1 SV=2	811,5423	1442,717	1336,929	880,8621	958,8768	1027,952	1158,962	783,0715
Q8C111;A0A2I3BPZ6;A0A2I3BR32;A0A2I3BRV9	33	6	216,2798	0,274616	1,277702	Guanine nucleotide-binding protein-like 3 OS=Mus musculus OX=10090 GN=Gnl3 PE=1 SV=2	2221,489	2021,529	1438,968	1189,895	1674,82	1859,122	1193,105	1448,635
A0A087WSB8;Q9DCB1	4	3	14,4704	0,274645	1,709368	High mobility group nucleosome-binding domain-containing protein 3 OS=Mus musculus OX=10090 GN=Hmgn3 PE=1 SV=1	1160,633	819,6253	1034,667	205,4579	1022,745	650,9952	467,1073	431,2511
E9Q309	54	6	272,8475	0,27479	1,66114	Centrosome-associated protein 350 OS=Mus musculus OX=10090 GN=Cep350 PE=1 SV=1	1760,366	1586,527	4918,943	4074,93	2171,042	2491,728	2882,376	2732,828
Q9R190	41	11	238,1525	0,275095	1,113679	Metastasis-associated protein MTA2 OS=Mus musculus OX=10090 GN=Mta2 PE=1 SV=1	3436,706	3064,62	2814,073	2965,358	2729,384	3300,501	2702,678	2682,675

Q99MR8	10	2	45,7673	0,275112	1,368595	Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=Mccc1 PE=1 SV=2	357,1263	338,1564	251,7531	207,3939	417,608	291,8133	198,8006	211,8392
Q8BYJ6	9	1	44,8246	0,275164	1,471482	TBC1 domain family member 4 OS=Mus musculus OX=10090 GN=Tbc1d4 PE=1 SV=2	64,64692	15,05266	7,821233	56,9258	52,90786	60,71017	36,36155	62,57098
Q61083;G5E8L8	8	3	31,7927	0,275214	1,463427	Mitogen-activated protein kinase kinase 2 OS=Mus musculus OX=10090 GN=Map3k2 PE=1 SV=2	4589,856	3331,101	5274,817	4406,032	5423,071	2249,756	413,7712	4034,174
Q9D1A2	31	2	206,5723	0,275337	5,700564	Cytosolic non-specific dipeptidase OS=Mus musculus OX=10090 GN=Cndp2 PE=1 SV=1	13,17498	42,15395	17,03967	15,89339	401,7388	59,38964	21,57271	20,4419
P97822;E9PZF5;E9Q0X5;E9Q5H2	12	3	90,8975	0,275653	1,290854	Acidic leucine-rich nuclear phosphoprotein 32 family member E OS=Mus musculus OX=10090 GN=Anp32e PE=1 SV=2	1791,399	1762,6	1943,239	1553,147	1968,223	1155,626	665,5385	1672,414
Q9QUM9;E0CXB1	23	5	137,7739	0,275788	1,279656	Proteasome subunit alpha type-6 OS=Mus musculus OX=10090 GN=Psm6 PE=1 SV=1	10650,56	7201,258	7731,587	6546,777	11863,83	7360,976	7462,508	7214,386
P14873	197	81	1382,1957	0,27586	1,259281	Microtubule-associated protein 1B OS=Mus musculus OX=10090 GN=Map1b PE=1 SV=2	36216,55	33950,29	36332,23	32645,37	34216,11	27413,32	15708,99	33156,77
Q9WV34	8	2	36,638	0,276458	1,109607	MAGUK p55 subfamily member 2 OS=Mus musculus OX=10090 GN=Mpp2 PE=1 SV=1	3010,076	3017,922	2845,733	3561,703	2514,755	2819,566	3156,607	2716,133
A2AGT5;A0A0R4J0K2;K3W4R5;Z4YL78	118	26	736,0861	0,276725	1,254717	Cytoskeleton-associated protein 5 OS=Mus musculus OX=10090 GN=Ckap5 PE=1 SV=1	16273,17	13554,47	12278,12	10283,52	14247,58	11520,22	6928,322	9057,742
Q8R2K3;D3Z3Y3	13	1	96	0,276831	1,211698	Single-stranded DNA-binding protein OS=Mus musculus OX=10090 GN=Ssbp1 PE=1 SV=1	235,9702	374,4617	314,3683	406,0822	322,6221	378,9008	463,6085	447,4967
P70696	22	1	113,8559	0,277031	1,216156	Histone H2B type 1-A OS=Mus musculus OX=10090 GN=H2bc1 PE=1 SV=3	1046,96	998,5197	956,4083	1261,05	942,6921	1061,661	705,833	1502,669
Q61550;A0A2I3BS25	6	1	36,6302	0,277095	1,610199	Double-strand-break repair protein rad21 homolog OS=Mus musculus OX=10090 GN=Rad21 PE=1 SV=3	143,422	146,7655	318,1021	873,7874	226,9256	526,6614	828,2655	804,5866
Q6PAL0	5	1	24,1551	0,277371	1,728709	BEN domain-containing protein 3 OS=Mus musculus OX=10090 GN=Bend3 PE=1 SV=1	1735,241	1331,409	1289,151	2050,022	1199,718	1062,961	81,91517	1360,959
Q7TSH4;A0A140LJ44	8	1	48,996	0,278029	2,572036	Centriolar coiled-coil protein of 110 kDa OS=Mus musculus OX=10090 GN=Ccp110 PE=1 SV=1	79,7132	173,0279	228,3984	250,8605	85,06204	166,5951	468,116	347,3775
Q9JI91;A0A1Y7VMW4	63	9	502,2487	0,27812	1,23387	Alpha-actinin-2 OS=Mus musculus OX=10090 GN=Actn2 PE=1 SV=2	3388,481	2607,53	2387,571	2208,919	2813,997	2241,742	2023,781	2039,872
A0A668KLF4	21	1	107,6841	0,27825	1,334318	Testis-specific gene 10 protein OS=Mus musculus OX=10090 GN=Tsga10 PE=1 SV=1	286,3916	349,082	398,4626	383,6135	341,8803	249,8136	120,4764	392,9378
P07901;A2A6A2;B7ZC49;B7ZC50	173	41	981,3082	0,278678	1,182599	Heat shock protein HSP 90-alpha OS=Mus musculus OX=10090 GN=Hsp90aa1 PE=1 SV=4	96629,02	91766,74	91053,94	73213,5	97536,57	68026,53	56967,39	75679,73
P45376;D3YVJ7	37	16	210,2478	0,279575	1,674608	Aldo-keto reductase family 1 member B1 OS=Mus musculus OX=10090 GN=Akr1b1 PE=1 SV=3	2796,958	3331,787	2556,455	2425,259	2807,442	1968,263	6866,232	2435,277
B1ARH2	3	1	13,358	0,279874	5,665919	Zinc finger protein 735 OS=Mus musculus OX=10090 GN=Zfp735 PE=4 SV=1	0	0	0	17,25976	25,54862	0	16,75086	55,4929
Q924K8;E9Q794;Q3U3A7;Q3UII8	12	2	66,7212	0,280032	1,110177	Metastasis-associated protein MTA3 OS=Mus musculus OX=10090 GN=Mta3 PE=1 SV=1	695,1713	614,2632	585,4012	700,5783	570,4828	649,7992	634,1693	723,0206

P51432;A0A494B9C1;A0A494BAY4	42	5	218,5774	0,280116	1,168903	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3 OS=Mus musculus OX=10090 GN=Plcb3 PE=1 SV=2	637,3329	714,9385	586,5632	603,8914	459,5659	659,868	606,61	741,9891
O08760	2	1	8,9703	0,280785	2,472662	N-glycosylase/DNA lyase OS=Mus musculus OX=10090 GN=Ogg1 PE=1 SV=2	37,09498	499,9173	246,8185	492,6782	83,45832	299,852	53,19678	79,74171
Q9QXS6;F7CPL2	31	4	226,7392	0,28089	1,279907	Drebrin OS=Mus musculus OX=10090 GN=Dbn1 PE=1 SV=4	24671,89	19087,99	16286,26	13641,64	16469,6	18765,61	10846,68	12898,32
A0A0R4J1E3	29	2	212,9174	0,28089	1,279907	Drebrin OS=Mus musculus OX=10090 GN=Dbn1 PE=1 SV=1	1837,871	1421,912	1213,205	1016,2	1226,862	1397,898	807,9965	960,8286
Q80X68	36	2	197,8079	0,280909	1,183421	Citrate synthase OS=Mus musculus OX=10090 GN=Csl PE=1 SV=1	3092,365	3529,291	2580,298	2446,937	3025,385	3320,882	2445,201	2471,198
Q9DBE9	36	8	266,2043	0,281042	1,535937	pre-rRNA 2'-O-ribose RNA methyltransferase FTSJ3 OS=Mus musculus OX=10090 GN=Ftsj3 PE=1 SV=1	1697,723	3438,358	2016,711	1118,543	2087,061	1990,289	770,4682	1113,436
F2YMG0	2	1	8,6766	0,282059	2,000588	Serine protease 56 OS=Mus musculus OX=10090 GN=Prss56 PE=2 SV=1	408,4328	1648,588	1354,81	935,5919	1462,74	2736,542	1575,63	1122,659
Q99KK7;A0A494BA16;A0A494BBC1	20	4	146,9768	0,282108	1,257478	Dipeptidyl peptidase 3 OS=Mus musculus OX=10090 GN=Dpp3 PE=1 SV=2	735,3707	617,8709	893,9978	569,4586	904,5422	511,1307	430,4665	640,539
Q6ZWW7	21	11	100,7603	0,282125	1,236398	60S ribosomal protein L35 OS=Mus musculus OX=10090 GN=Rpl35 PE=1 SV=1	4776,374	4637,34	3453,61	4331,532	3979,129	3666,641	2578,486	3686,197
Q9ER73;A2A414	7	1	32,8778	0,282126	1,465297	Elongator complex protein 4 OS=Mus musculus OX=10090 GN=Elp4 PE=1 SV=2	147,4691	104,8738	188,7681	148,8389	117,3972	58,32927	82,20947	179,6228
G3X963	45	5	264,6853	0,282211	1,24218	ATPase family AAA domain-containing protein 2 OS=Mus musculus OX=10090 GN=Atad2 PE=1 SV=1	3520,281	5470,535	4517,106	4082,26	4693,362	7648,282	4087,937	5420,599
G5E861	8	1	37,5952	0,282407	1,371951	Sodium channel and clathrin linker 1 OS=Mus musculus OX=10090 GN=Sclt1 PE=1 SV=1	1023,258	1677,853	1278,378	2068,489	885,5291	1635,968	967,1655	919,6422
Q6RUT8;A0A570Y9P0;S4R1F0	16	2	77,657	0,283017	1,09875	Coiled-coil domain-containing protein 154 OS=Mus musculus OX=10090 GN=Ccdc154 PE=2 SV=3	658,4046	699,5005	609,932	740,5319	803,2575	618,6797	641,3225	619,3916
F8WIS9;P11798	6	1	42,0857	0,283202	1,541542	Calcium/calmodulin-dependent protein kinase OS=Mus musculus OX=10090 GN=Camk2a PE=1 SV=1	750,6587	720,1592	330,1717	664,9246	327,0335	429,9888	631,5039	211,1153
Q5SVQ0	9	2	50,5237	0,283521	1,448891	Histone acetyltransferase KAT7 OS=Mus musculus OX=10090 GN=Kat7 PE=1 SV=1	374,9712	874,7859	852,6803	694,4175	428,2914	861,4478	583,5031	556,9667
Q99L13	20	6	130,1615	0,283552	1,259516	3-hydroxyisobutyrate dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Hibadh PE=1 SV=1	16473,56	15413,6	14955,91	11737,58	16802,32	15919,81	9373,965	11440,6
Q99KW3;A0A2U3TZ82	9	1	42,0126	0,284091	1,862161	TRIO and F-actin-binding protein OS=Mus musculus OX=10090 GN=Triobp PE=1 SV=3	136,9057	147,2012	209,5403	95,20565	167,8348	183,0972	9,616042	169,3975
Q99KG3	5	1	20,7409	0,285056	1,725553	RNA-binding protein 10 OS=Mus musculus OX=10090 GN=Rbm10 PE=1 SV=1	8307,432	5388,848	7215,81	5936,974	8106,326	3088,359	161,3598	4203,643
Q3UGR5	3	2	15,8524	0,286037	1,170185	Haloacid dehalogenase-like hydrolase domain-containing protein 2 OS=Mus musculus OX=10090 GN=Hdhd2 PE=1 SV=2	2195,742	1839,244	2208,921	1729,559	2404,835	1761,672	1822,123	1884,279

P48725	14	3	84,5188	0,286202	1,261613	Pericentrin OS=Mus musculus OX=10090 GN=Pcnt PE=1 SV=2	12408,85	15126,85	15478,06	23178,6	15257,13	17808,08	21150,3	25128,85
Q8VHK9	49	11	296,0597	0,286513	2,279363	ATP-dependent DNA/RNA helicase DHX36 OS=Mus musculus OX=10090 GN=Dhx36 PE=1 SV=2	2474,325	2961,643	1720,304	11660,1	2008,918	3137,225	1683,725	1443,645
Q9EPM5	5	1	27,1963	0,286856	1,441369	Syncoilin OS=Mus musculus OX=10090 GN=Sync PE=1 SV=1	132,4701	236,8601	270,2715	124,0477	324,9849	290,3114	268,3786	217,0257
Q8BMQ2	10	1	61,7289	0,287208	1,564717	General transcription factor 3C polypeptide 4 OS=Mus musculus OX=10090 GN=Gtf3c4 PE=1 SV=2	164,4411	142,8992	116,0592	98,01727	62,30859	181,9351	251,5362	157,5984
E9Q295	5	2	18,1628	0,287225	1,436035	Predicted gene 973 OS=Mus musculus OX=10090 GN=Gm973 PE=1 SV=1	302,101	435,8534	408,927	338,7975	128,6341	643,2882	361,2129	338,8445
Q6GQT9	61	15	386,8484	0,287602	1,393532	Nodal modulator 1 OS=Mus musculus OX=10090 GN=Nomo1 PE=1 SV=1	16199,63	11610,51	9959,077	11003,44	12262,54	12225,13	21873,96	9869,484
P47963	40	20	178,5733	0,288104	1,146946	60S ribosomal protein L13 OS=Mus musculus OX=10090 GN=Rpl13 PE=1 SV=3	37427,64	33127,69	29170,52	29290,41	34706,53	28708,69	24899,27	26185
Q9JJA4;D3Z369	21	5	133,564	0,288158	1,204577	Ribosome biogenesis protein WDR12 OS=Mus musculus OX=10090 GN=Wdr12 PE=1 SV=1	2331,446	1841,338	1475,363	1627,451	1683,365	1552,092	2289,242	1572,754
B2RQY6	16	5	87,6815	0,288532	1,131105	BC035947 protein OS=Mus musculus OX=10090 GN=BC035947 PE=1 SV=1	5098,214	4281,722	4319,154	3633,198	4666,249	4724,536	3764,162	4175,222
Q91W90;A0A0R4J1Y7;E9PXX7	27	8	177,7788	0,28912	1,084641	Thioredoxin domain-containing protein 5 OS=Mus musculus OX=10090 GN=Txndc5 PE=1 SV=2	8375,927	7650,487	7660,515	7436,739	8293,139	8916,868	8153,672	7820,416
Q9CQ75	7	2	38,0068	0,289205	1,397138	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 OS=Mus musculus OX=10090 GN=Ndufa2 PE=1 SV=3	6689,425	6010,737	5370,194	6905,822	5048,565	7305,585	4334,027	2413,908
Q99P72	70	21	451,2717	0,290878	1,102958	Reticulon-4 OS=Mus musculus OX=10090 GN=Rtn4 PE=1 SV=2	8428,036	8156,081	7918,402	9067,468	8805,834	7381,317	7252,253	9673,955
P12970	44	25	220,4251	0,291467	1,120385	60S ribosomal protein L7a OS=Mus musculus OX=10090 GN=Rpl7a PE=1 SV=2	58796,22	55376,46	47380,61	51014,55	58293,97	45470,58	42390,29	48107,49
Q9CU62	110	28	698,4847	0,291595	1,22416	Structural maintenance of chromosomes protein 1A OS=Mus musculus OX=10090 GN=Smc1a PE=1 SV=4	7718,087	6114,912	5551,02	5110,411	7388,135	6991,264	6715,744	4797,961
Q99K48;B1AXT0	56	20	361,31	0,291632	1,116442	Non-POU domain-containing octamer-binding protein OS=Mus musculus OX=10090 GN=Nono PE=1 SV=3	31766,63	32094,12	26242,08	35536,42	30704,59	35583,75	29782,54	31332,13
Q9D104;G5E8T3	8	1	60,6113	0,29198	2,635578	Signal recognition particle 19 kDa protein OS=Mus musculus OX=10090 GN=Srp19 PE=1 SV=1	15,9398	51,06266	55,16942	142,0614	15,43855	23,26125	54,71718	6,839297
Q8BWM0	10	2	61,1537	0,291997	1,167389	Prostaglandin E synthase 2 OS=Mus musculus OX=10090 GN=Ptges2 PE=1 SV=3	485,4064	469,3537	745,5305	550,3559	667,1135	713,2518	628,6224	564,1328
Q91VL8	7	2	50,2749	0,292038	1,497575	Telomeric repeat-binding factor 2-interacting protein 1 OS=Mus musculus OX=10090 GN=Terf2ip PE=1 SV=1	531,1974	574,459	585,7911	271,8323	313,2241	704,7362	485,2811	338,2376

Q9JMD0;B1AQG7;Q8CCB2	3	1	17,3406	0,292209	1,644478	BUB3-interacting and GLEBS motif-containing protein ZNF207 OS=Mus musculus OX=10090 GN=Znf207 PE=1 SV=1	3677,3	3610,078	3832,299	3206,069	3984,958	2190,363	7925,062	2392,405
Q8BTY8	3	1	9,6964	0,292216	1,452217	Sec1 family domain-containing protein 2 OS=Mus musculus OX=10090 GN=Scfd2 PE=1 SV=1	110,873	112,3702	125,1217	126,7208	127,9786	73,82807	130,0097	205,4433
Q61074;A0A0J9YVG0	10	2	54,4078	0,292225	1,55121	Protein phosphatase 1G OS=Mus musculus OX=10090 GN=Ppm1g PE=1 SV=3	1007,746	1652,478	1197,903	642,9754	1405,862	501,4764	234,141	760,1921
Q5SUR0;F6RUL9;G3UY86	44	1	256,5482	0,292409	2,544919	Phosphoribosylformylglycinamide synthase OS=Mus musculus OX=10090 GN=Pfas PE=1 SV=1	507,7657	2108,641	2438,337	1859,293	1,277587	1174,941	1593,996	1146,518
Q9Z1M8;A0A494BAW7	28	8	166,3585	0,293327	1,235603	Protein Red OS=Mus musculus OX=10090 GN=Ik PE=1 SV=2	4409,956	4648,658	2813,476	4378,501	3877,72	3938,993	3301,367	2944,766
Q9JII5;D3Z4J1;Q3UGB5	19	5	116,5673	0,293606	1,193518	DAZ-associated protein 1 OS=Mus musculus OX=10090 GN=Dazap1 PE=1 SV=2	13332,19	12134,89	10169,25	8074,197	13127,39	13431,98	9860,934	11425,84
Q6PFD9;A0A140T8J8;A0A1B0GR A7;A0A1B0GRB5;A0A1B0GSX7;B2 RQL0	45	4	265,0363	0,294343	1,11648	Nuclear pore complex protein Nup98-Nup96 OS=Mus musculus OX=10090 GN=Nup98 PE=1 SV=2	2840,991	2251,72	2039,219	2353,724	2333,012	2203,558	2115,261	2240,824
P63017;A2AD03;D3Z5E2;F6S4D9; Q3UR39;Q504P4;Q9QXG2	233	79	987,7262	0,294349	1,113932	Heat shock cognate 71 kDa protein OS=Mus musculus OX=10090 GN=Hspa8 PE=1 SV=1	94165,12	84266,35	80195,94	74341,98	90574,14	81389,04	68337,97	85987,7
Q8CDU5	14	1	64,9909	0,294638	1,452292	EF-hand domain-containing family member B OS=Mus musculus OX=10090 GN=Effh PE=1 SV=2	1689,872	1753,745	735,3711	1288,533	1040,151	929,939	819,6168	975,0458
Q80X85	17	5	94,5742	0,294696	1,22073	28S ribosomal protein S7, mitochondrial OS=Mus musculus OX=10090 GN=Mrps7 PE=1 SV=1	3807,987	2253,914	3060,565	2399,391	3424,304	3304,868	4156,981	3178,923
Q9Z223;A0A0R4J206	2	1	10,3631	0,29478	1,30141	Molybdopterin synthase catalytic subunit OS=Mus musculus OX=10090 GN=Mocs2 PE=1 SV=3	833,5224	1059,658	1178,594	608,472	1048,213	1137,486	1688,964	914,8438
Q5PR68;A2ABQ5;I7HLS4;J3JS86;S 4R1I4	19	2	86,7065	0,294965	1,427511	Centrosomal protein of 112 kDa OS=Mus musculus OX=10090 GN=Cep112 PE=2 SV=2	582,0127	1435,237	626,9219	856,9448	1242,916	761,3959	1172,339	1108,367
Q9D0I8;A2AMV1;D6RCI7	24	8	149,5708	0,295387	1,17489	mRNA turnover protein 4 homolog OS=Mus musculus OX=10090 GN=Mrto4 PE=1 SV=1	2357,611	2204,169	2138,846	1733,741	2451,026	2628,279	2687,644	2142,506
Q9QZE7;A0A1D5RLR0	13	2	83,4629	0,295899	2,145941	Translin-associated protein X OS=Mus musculus OX=10090 GN=Tsnax PE=1 SV=1	18,22205	68,87786	78,73846	85,18773	0	47,06229	70,97536	44,17075
Q99P88;A0A2R8VHH1	67	19	401,8481	0,295986	1,232681	Nuclear pore complex protein Nup155 OS=Mus musculus OX=10090 GN=Nup155 PE=1 SV=1	5236,441	4430,577	3465,808	3711,27	4558,874	5035,673	6525,72	3856,215
Q9CQJ8	10	3	55,7258	0,295988	1,344264	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9 OS=Mus musculus OX=10090 GN=Ndufb9 PE=1 SV=3	925,1719	830,7224	1306,716	920,4042	952,9048	1065,754	819,5923	653,9444
Q6ZPR6	5	2	26,9257	0,296117	1,251864	Inhibitor of Bruton tyrosine kinase OS=Mus musculus OX=10090 GN=Ibtk PE=1 SV=3	2852,045	3632,079	2505,494	1907,657	2521,165	3062,561	1992,754	2402,969
Q64332	21	8	163,1421	0,296905	1,119421	Synapsin-2 OS=Mus musculus OX=10090 GN=Syn2 PE=1 SV=2	16704,57	14849,44	14264,73	13596,72	16267,71	14351,78	12138,7	13959,1



O54984;A0A1B0GRE1	21	5	121,4912	0,297396	1,627287	ATPase GET3 OS=Mus musculus OX=10090 GN=Get3 PE=1 SV=2	7058,293	5873,804	5451,024	5427,421	6828,548	5683,571	19495,33	6394,981
P21278	15	2	111,2055	0,29741	1,157299	Guanine nucleotide-binding protein subunit alpha-11 OS=Mus musculus OX=10090 GN=Gna11 PE=1 SV=1	1098,923	1148,101	1057,069	1076,451	1097,269	1255,983	1110,83	963,1066
O35435;D3YZY5;E9Q1V3;F6TCT7 Q68FL4;D3YX97;D3YYM7;E9PX77 ;F8WGT1;F8WI65;H3BKT5;H3BL3 1;Q80SW1	17	4	106,8553	0,298068	1,167577	Dihydroorotate dehydrogenase (quinone), mitochondrial OS=Mus musculus OX=10090 GN=Dhodh PE=1 SV=2	2533,053	2027,847	1779,623	1620,967	2052,885	2224,872	2239,82	1800,991
P35821	19	1	97,6626	0,298692	1,7013	Putative adenosylhomocysteinase 3 OS=Mus musculus OX=10090 GN=Ahcy12 PE=1 SV=1	1481,542	269,1017	1160,323	1006,554	1246,202	1212,005	2512,841	1693,833
P61957;D3Z794;G3UWI9;G3UWX 9;G3UZ60;G3UZA7;G3UZX6;H7B WX9;Q9Z172	6	1	29,8676	0,298719	58,36922	Tyrosine-protein phosphatase non-receptor type 1 OS=Mus musculus OX=10090 GN=Ptpn1 PE=1 SV=2	468,1757	49,73513	1,365271	0,17912	95,8256	123,4573	30071,4	29,51327
Q8BHB4	9	6	55,5035	0,29894	1,482696	Small ubiquitin-related modifier 2 OS=Mus musculus OX=10090 GN=Sumo2 PE=1 SV=1	2819,042	3948,59	1689,06	1761,583	1945,248	2727,137	2742,456	1528,069
Q91VI7;A0A1B0GRG4;A0A1B0GR Y7;A0A1B0GSG5	30	6	157,1795	0,299356	1,233753	WD repeat-containing protein 3 OS=Mus musculus OX=10090 GN=Wdr3 PE=1 SV=1	737,4713	536,0484	564,4903	581,4206	534,5415	945,2504	716,1939	710,9981
Q9JJG9	25	5	206,1747	0,299413	1,261504	Ribonuclease inhibitor OS=Mus musculus OX=10090 GN=Rnh1 PE=1 SV=1	3834,37	3466,845	3524,702	2330,889	3337,373	2569,097	2926,701	2579,555
P25444;D3YVC1;D3YWJ3	4	1	25,4268	0,299627	2,219442	Nitric oxide-associated protein 1 OS=Mus musculus OX=10090 GN=Noa1 PE=1 SV=1	24,92263	0	25,24681	27,51325	41,91365	11,28787	43,46514	70,93284
A0A3Q4EIC8	38	13	232,7009	0,299953	1,169866	40S ribosomal protein S2 OS=Mus musculus OX=10090 GN=Rps2 PE=1 SV=3	11086,1	11932,04	8524,508	8904,975	11021,66	7782,731	8200,211	7569,991
Q64433;Q9JI95	4	1	17,3615	0,300127	1,549596	Vomer nasal 2, receptor 129 OS=Mus musculus OX=10090 GN=Vmn2r129 PE=4 SV=1	4807,819	6315,588	4537,678	6112,88	4126,669	5243,606	416,0874	4265,023
Q0KK56	40	25	181,4895	0,300207	1,138679	10 kDa heat shock protein, mitochondrial OS=Mus musculus OX=10090 GN=Hspe1 PE=1 SV=2	23945,66	19686,1	18470,57	17703,56	18090,16	23875,02	20453,93	21051,67
P19783;D6RG40;MQQWX7	6	1	34,454	0,300257	1,78786	Protein FAM184B OS=Mus musculus OX=10090 GN=Fam184b PE=2 SV=1	0	20,0693	0	72,26172	32,9519	61,48728	38,85447	31,78129
P25911	32	13	230,2439	0,300327	1,169032	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial OS=Mus musculus OX=10090 GN=Cox4i1 PE=1 SV=2	41549,32	34282,83	26419,45	33475,39	35071,4	47088,57	36021,28	37435,11
Q9QUJ7	14	3	64,3205	0,300667	1,295134	Tyrosine-protein kinase Lyn OS=Mus musculus OX=10090 GN=Lyn PE=1 SV=4	1026,099	831,5899	961,3706	698,9488	808,7322	945,7208	735,7368	629,9116
Q9D358;A0A1W2P7X3;Q561M1	45	7	331,4704	0,301193	1,364301	Long-chain-fatty-acid--CoA ligase 4 OS=Mus musculus OX=10090 GN=Acl4 PE=1 SV=2	6610,853	4809,659	3866,518	3886,528	4110,39	5682,434	2627,701	4434,767
Q7TMB8;A0A0R4J119;A0A0U1RQ 05	8	1	56,2582	0,301214	1,182984	Low molecular weight phosphotyrosine protein phosphatase OS=Mus musculus OX=10090 GN=Acp1 PE=1 SV=3	10190,09	9739,124	8307,286	6825,637	11339,63	8166,777	7553,345	8034,076
	54	6	316,6734	0,30144	1,110722	Cytoplasmic FMR1-interacting protein 1 OS=Mus musculus OX=10090 GN=Cyfp1 PE=1 SV=1	5324,048	5076,149	5032,036	6255,085	4984,957	5777,343	4794,81	4518,545

G9D051	36	15	234,276	0,301574	1,225306	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial OS=Mus musculus OX=10090 GN=Pdhh PE=1 SV=1	11553,6	9177,235	6342,483	8793,659	8602,145	11774,56	8906,065	10356,85
Q99KV1	16	5	92,0734	0,302023	1,140999	DnaJ homolog subfamily B member 11 OS=Mus musculus OX=10090 GN=Dnajb11 PE=1 SV=1	9887,535	9969,361	7651,394	8337,738	10537,69	11743,2	8915,877	9703,523
Q99ME6	1	1	5,0486	0,302821	1,68066	Protein ATP1B4 OS=Mus musculus OX=10090 GN=Atp1b4 PE=1 SV=1	174,2306	98,64342	120,6855	0	174,9996	196,4969	157,9071	131,0163
P47753;A0A0G2JE27;Q5RKN9	18	4	135,5998	0,303402	1,452888	F-actin-capping protein subunit alpha-1 OS=Mus musculus OX=10090 GN=Capza1 PE=1 SV=4	9736,95	3720,224	8533,268	4862,184	7281,878	3202,581	4034,859	3962,923
G3X8R0;A0A494BBE3;Q60870	8	3	61,8366	0,303701	1,177642	Receptor expression-enhancing protein OS=Mus musculus OX=10090 GN=Reep5 PE=1 SV=1	2867,054	2492,915	1853,642	2612,302	2202,396	2836,01	2189,636	2166,996
Q6PA06;E9QND8	10	2	63,872	0,303832	1,179009	Atlastin-2 OS=Mus musculus OX=10090 GN=Atl2 PE=1 SV=1	5111,842	4356,611	3082,136	4504,699	4929,886	4937,446	3998,887	4592,987
A0A571BG24;A0A5F8MPN3;D3YU22;D3Z589;Q3UH68	16	1	75,6865	0,303905	2,094902	LIM and calponin homology domains-containing protein 1 OS=Mus musculus OX=10090 GN=Limch1 PE=1 SV=1	149,4184	106,5375	65,36963	279,9937	128,1527	22,69445	15,26281	120,9294
P07147	2	1	9,8912	0,30392	1,275303	5,6-dihydroxyindole-2-carboxylic acid oxidase OS=Mus musculus OX=10090 GN=Tyrp1 PE=1 SV=1	486,878	485,678	339,4365	450,4363	439,7814	258,5628	358,5526	380,1409
Q9D903;A2ACZ1	15	5	101,5225	0,306071	1,189291	Probable rRNA-processing protein EBP2 OS=Mus musculus OX=10090 GN=Ebna1bp2 PE=2 SV=1	5075,806	4179,938	3499,283	4091,754	3502,286	4728,712	3874,848	3062,291
Q499E5;A0A1D5RMH0	4	1	19,014	0,30612	1,307169	Storkhead-box protein 2 OS=Mus musculus OX=10090 GN=Stox2 PE=2 SV=2	643,0867	525,7498	554,8865	419,9644	569,0069	777,6694	435,6334	591,1819
Q8R3D1	6	1	33,4268	0,306296	2,20488	TBC1 domain family member 13 OS=Mus musculus OX=10090 GN=Tbc1d13 PE=1 SV=1	222,947	0	552,4226	0	319,6192	0	0	32,04142
E9PWZ3;Q9CQ09	8	1	42,8292	0,306861	1,257616	Ribosomal protein L3-like OS=Mus musculus OX=10090 GN=Rpl3l PE=1 SV=1	125,522	100,667	130,2235	155,1137	208,9682	147,9256	130,2995	153,4641
Q9ESL0;A0A0R4J198;Q9JJN4	4	1	25,3705	0,30687	2,585197	Succinyl-CoA:3-ketoacid coenzyme A transferase 2B, mitochondrial OS=Mus musculus OX=10090 GN=Oxct2b PE=2 SV=1	6,354769	198,5882	204,083	132,0272	7,599805	323,4881	95,03152	50,41031
Q8BHX3	6	1	28,9471	0,307117	3,471627	Borealin OS=Mus musculus OX=10090 GN=Cdca8 PE=1 SV=2	44,88008	100,0641	0	362,7602	37,0077	195,4317	204,7646	1052,337
Q91VE6;EOCXU3	17	1	125,2582	0,307477	1,556707	MKI67 FHA domain-interacting nucleolar phosphoprotein OS=Mus musculus OX=10090 GN=Nifk PE=1 SV=1	1247,481	1172,035	897,1981	805,8666	1028,932	1203,327	2280,389	745,7428
Q80TD3;D3YUC5	7	2	39,4837	0,307545	1,245228	Folliculin-interacting protein 2 OS=Mus musculus OX=10090 GN=Fnip2 PE=1 SV=2	1856,764	2202,397	1597,319	1562,614	1814,606	2512,255	2797,072	1624,767
O54734	29	10	187,3923	0,308201	1,197771	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit OS=Mus musculus OX=10090 GN=Ddost PE=1 SV=2	25299,99	19134,58	14674,19	18343,11	19400,89	23292,4	16664,54	17580,65
Q61301;A0A0N4SUZ7;EOCXB9	22	2	105,8999	0,308267	1,259285	Catenin alpha-2 OS=Mus musculus OX=10090 GN=Ctnna2 PE=1 SV=3	2343,323	1629,214	1437,058	1446,845	1622,469	1511,609	1307,667	1243,509

						NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1 OS=Mus musculus OX=10090 GN=Ndufb1 PE=1 SV=1	1129,447	821,727	703,9601	894,0864	810,0985	1387,861	1117,765	1217,427
P0DN34	1	1	6,2006	0,308685	1,277224									
Q8BQ33;A0A0U1RNX1;A0A0U1RQ28;Q3UV49	42	7	209,0233	0,308873	1,127308	Treslin OS=Mus musculus OX=10090 GN=Ticrr PE=1 SV=2	6692,584	5662,279	6312,534	5203,17	5214,282	5593,663	5056,393	5310,5
P84228;A0A1W2P768;E0CYN1;E0CYR7;F8WI35	52	1	146,8627	0,309101	4,412684	Histone H3.2 OS=Mus musculus OX=10090 GN=H3c15 PE=1 SV=2	1273,917	1823,474	1740,014	111,7248	0	2302,084	3268,56	900,2123
Q8CJ40	14	2	67,4511	0,309169	1,244284	Rootletin OS=Mus musculus OX=10090 GN=Crocc PE=1 SV=2	887,2584	793,2614	840,1526	589,5549	753,8124	753,1072	707,5145	521,8003
Q9CWS0;D3YU15	22	5	151,1919	0,309279	1,102281	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1 OS=Mus musculus OX=10090 GN=Ddah1 PE=1 SV=3	2822,254	2232,745	2187,808	2192,915	2325,091	2707,918	2437,352	2473,479
Q6Y7W8;E9Q2M5;G3UYG6;G3UYR9	18	1	107,4954	0,309691	1,436533	GRB10-interacting GYF protein 2 OS=Mus musculus OX=10090 GN=Gigyf2 PE=1 SV=2	259,9664	223,9173	364,0811	244,1195	404,8067	185,1303	190,0696	306,9287
Q8BHB7	4	2	23,587	0,310328	1,532649	Uncharacterized protein C16orf46 homolog OS=Mus musculus OX=10090 PE=2 SV=1	854,6356	2015,489	1030,688	767,3427	1045,6	883,1056	532,4684	584,633
A0A0R4J0D3	9	1	66,3931	0,310676	2,986599	Dolichyl-diphosphooligosaccharide--protein glycotransferase OS=Mus musculus OX=10090 GN=Stt3b PE=1 SV=1	210,2931	607,2357	1108,992	1968,671	316,3486	3174,079	3463,23	4477,994
Q9WUA2;A0A087WPV4;A0A087WS80	35	11	195,1083	0,310728	1,129144	Phenylalanine--tRNA ligase beta subunit OS=Mus musculus OX=10090 GN=Farsb PE=1 SV=2	6998,994	6906,953	6932,087	6290,535	7572,726	6276,14	5816,453	6552,823
Q9EP69;A0A5F8MPK9	26	8	175,3728	0,310794	1,28059	Phosphatidylinositol-3-phosphatase SAC1 OS=Mus musculus OX=10090 GN=Sacm1l PE=1 SV=1	10440,63	9864,072	5821,629	6817,638	8427,418	7297,034	5883,785	6623,429
Q9Z0N1;A2AAW9	29	2	210,1731	0,310936	1,232521	Eukaryotic translation initiation factor 2 subunit 3, X-linked OS=Mus musculus OX=10090 GN=Eif2s3x PE=1 SV=2	9318,227	9092,147	11292,99	6307,555	7925,513	6784,861	6118,485	8592,516
Q9D5V6	4	1	27,3989	0,310977	1,168275	Synapse-associated protein 1 OS=Mus musculus OX=10090 GN=Syap1 PE=1 SV=1	2679,067	1953,517	2335,823	2160,241	2077,65	2004,57	1759,047	1972,516
Q9R0P5	14	7	98,3828	0,311008	1,57641	Destrin OS=Mus musculus OX=10090 GN=Dstn PE=1 SV=3	4104,025	3478,576	3026,165	3054,589	3945,941	3451,035	9821,729	3129,632
Q9ER38	5	2	24,693	0,311378	1,19879	Torsin-3A OS=Mus musculus OX=10090 GN=Tor3a PE=1 SV=2	884,7586	652,7068	735,5576	976,5978	793,6269	1166,172	847,707	1088,107
P62301;A0A0U1RQ71;Q921R2	35	15	177,9179	0,311421	1,187035	40S ribosomal protein S13 OS=Mus musculus OX=10090 GN=Rps13 PE=1 SV=2	40180,03	35064,99	34202,41	36611,42	39314,19	30574,58	20957,59	32198,76
O54988	15	2	82,8263	0,311445	1,269187	STE20-like serine/threonine-protein kinase OS=Mus musculus OX=10090 GN=Slk PE=1 SV=2	674,7441	1085,088	938,3121	999,9377	1345,521	947,2338	847,4924	725,4475
Q61792;A2A6G6;A2A6G7;A2A6G8;A2A6G9;A2A6H0;A2A6H1	6	1	39,3616	0,31153	1,109309	LIM and SH3 domain protein 1 OS=Mus musculus OX=10090 GN=Lasp1 PE=1 SV=1	3650,468	3768,479	3253,895	3007,599	3974,575	3626,266	3111,673	3446,865
Q3TCH7	22	4	117,86	0,311585	2,473901	Cullin-4A OS=Mus musculus OX=10090 GN=Cul4a PE=1 SV=1	3240,448	1018,989	2212,273	7591,535	1023,408	808,5182	732,4919	3120,226
P06728	10	1	43,7267	0,311667	1,184464	Apolipoprotein A-IV OS=Mus musculus OX=10090 GN=Apoa4 PE=1 SV=3	642,9026	642,1893	458,3315	838,3769	614,2768	850,2344	792,4179	801,1212

P32233	21	2	140,0389	0,311898	1,36645	Developmentally-regulated GTP-binding protein 1 OS=Mus musculus OX=10090 GN=Drg1 PE=1 SV=1	1900,193	1977,672	1977,575	2022,224	463,0089	1638,194	1673,614	1990,24
G3X9L9;E9Q1A0	58	3	293,7059	0,312384	1,14404	Myomegalin OS=Mus musculus OX=10090 GN=Pde4dip PE=1 SV=1	427,1785	497,0431	440,7225	504,7697	430,6225	628,5864	493,4312	543,7243
A0A0R4J008;P70288;Q8BQ10	25	4	180,1134	0,312434	1,086817	Histone deacetylase 2 OS=Mus musculus OX=10090 GN=Hdac2 PE=1 SV=1	7964,134	8066,44	8395,395	7015,319	7965,501	8638,689	8661,91	8791,092
Q9CQU5	2	1	11,5418	0,312548	1,229119	ZW10 interactor OS=Mus musculus OX=10090 GN=Zwint PE=1 SV=1	1153,526	1268,621	829,4595	1119,268	1756,137	1066,901	1280,464	1268,821
Q8BQM4;E9PWH6	25	7	128,1835	0,312802	1,222615	HEAT repeat-containing protein 3 OS=Mus musculus OX=10090 GN=Heatr3 PE=1 SV=1	4417,431	4305,443	4045,239	3149,632	4900,798	3197,485	2877,282	3223,907
O55029	58	9	381,6986	0,312845	1,256599	Coatomer subunit beta' OS=Mus musculus OX=10090 GN=Copb2 PE=1 SV=2	11925,05	10427,27	7235,075	9245,113	9595,34	7847,045	5443,001	8017,485
Q8VEG4;A0A1W2P7Q1	2	1	11,2735	0,312855	1,485915	Exonuclease 3'-5' domain-containing protein 2 OS=Mus musculus OX=10090 GN=Exd2 PE=1 SV=2	376,8649	521,3172	410,0287	427,48	46,03683	637,4377	345,7667	251,1088
P22907;A0A1L1ST19	14	3	91,9576	0,312956	1,437879	Porphobilinogen deaminase OS=Mus musculus OX=10090 GN=Hmbs PE=1 SV=2	606,6249	914,9579	1158,428	1153,812	73,67547	844,6278	1479,324	381,9887
Q925I1;H3BK90;H3BKI6;V9GW55	51	17	368,5839	0,313122	1,596505	ATPase family AAA domain-containing protein 3 OS=Mus musculus OX=10090 GN=Atad3 PE=1 SV=1	8229,266	6335,96	4121,625	6143,617	5104,991	6656,569	15272,65	6272,875
P59672	4	2	19,4387	0,313123	1,568087	Ankyrin repeat and SAM domain-containing protein 1A OS=Mus musculus OX=10090 GN=Anks1a PE=1 SV=3	2263,717	5951,036	6018,08	2051,69	3338,695	6326,385	9529,873	6340,598
Q8CHY6;A0A1D5RM07;A0A1D5R M58;A0A1I7Q4G8;E9QMN5	23	5	136,8358	0,313565	1,193472	Transcriptional repressor p66 alpha OS=Mus musculus OX=10090 GN=Gatad2a PE=1 SV=2	3566,809	2807,608	2546,781	2930,347	2806,863	2874,565	1706,664	2542,215
Q9D787	3	2	18,5407	0,313908	1,38417	RING-type E3 ubiquitin-protein ligase PPIL2 OS=Mus musculus OX=10090 GN=Ppil2 PE=1 SV=2	375,6099	335,1772	407,06	168,5153	291,1098	312,4254	122,2948	261,6419
A7XUY5;E9Q072;E9Q4T3;K4DID5 F8VQ05;A0A0J9YTS1;A0A0J9YUH 4	22	1	106,0696	0,314022	1,54764	Selection and upkeep of intraepithelial T-cells protein 5 OS=Mus musculus OX=10090 GN=Skint5 PE=2 SV=1	45,28443	66,52046	116,9707	75,16712	69,98852	112,2332	165,3487	122,8233
Q9CXT8	23	2	104,0031	0,314576	1,223212	FRY-like transcription coactivator OS=Mus musculus OX=10090 GN=Fryl PE=1 SV=1	2935,224	2858,594	2855,305	2136,994	2829,06	2519,119	1469,839	1999,847
G3X8Y3;A0A0A6YW80;A0A0A6YX 86;A0A0A6YXF4	29	5	184,3249	0,314949	1,172375	Mitochondrial-processing peptidase subunit beta OS=Mus musculus OX=10090 GN=Pmpcb PE=1 SV=1	3294,135	2744,812	2359,618	3587,053	2761,669	2619,3	2274,229	2568,171
O35691;A0A1W2P6S1;Q3TUQ5 E9PV14;A2AUK5;A2AUK7;A2AUK 8	16	1	91,5395	0,315031	1,706247	N-alpha-acetyltransferase 15, NatA auxiliary subunit OS=Mus musculus OX=10090 GN=Naa15 PE=1 SV=1	184,975	59,19278	172,2286	140,049	120,8907	121,0009	514,5513	147,9609
Q9D019	46	15	283,3471	0,315209	1,100324	Pinin OS=Mus musculus OX=10090 GN=Pnn PE=1 SV=4	16812,26	14465,2	15656,09	12762,68	16027,37	14609,75	14975,64	13846,14
	70	8	444,2688	0,315911	1,755152	Band 4.1-like protein 1 OS=Mus musculus OX=10090 GN=Epb41l1 PE=1 SV=2	1607,128	1336,802	1113,655	888,8724	1386,913	2593,924	3638,2	1062,748
	67	21	472,4896	0,315932	1,445575	Arginine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Rars1 PE=1 SV=2	15603,41	14635,88	12362,96	12270,69	14615,57	15383,81	29988,62	10943,5

Q3TVA9;D3Z165;E6Y2W6;E6Y2W7;E9QP94;F6VVCV9	25	1	135,2329	0,316287	33,83437	Coiled-coil domain-containing protein 136 OS=Mus musculus OX=10090 GN=Ccdc136 PE=1 SV=2	25,28813	47,34397	53,46207	8,028221	44,15364	49,78485	4399,904	44,10469
Q61655	19	2	107,9718	0,316316	1,332652	ATP-dependent RNA helicase DDX19A OS=Mus musculus OX=10090 GN=Ddx19a PE=1 SV=2	2163,813	2987,263	1907,679	1581,384	2520,928	1493,781	1830,941	1644,182
Q8CG48;B1AWH6	90	17	600,3038	0,316418	1,157799	Structural maintenance of chromosomes protein 2 OS=Mus musculus OX=10090 GN=Smc2 PE=1 SV=2	3145,85	2887,815	2806,111	2392,838	2971,849	2704,917	2360,486	2822,442
Q3URQ0;F6ZZ61	18	1	94,6646	0,316477	1,671501	Testis-expressed protein 10 OS=Mus musculus OX=10090 GN=Tex10 PE=1 SV=1	3750,062	4484,155	3340,119	2735,806	27,16217	4431,886	2985,412	2233,147
P50544;B1AR28	45	10	300,9095	0,316686	2,876426	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Acadv1 PE=1 SV=3	3241,989	2567,556	2293,421	2532,852	2780,804	2767,778	20232,44	2722,371
O08528;E9Q5B5;E9Q9M6	63	11	360,7303	0,317032	1,176273	Hexokinase-2 OS=Mus musculus OX=10090 GN=Hk2 PE=1 SV=1	6693,414	4834,31	4383,673	4675,976	4226,261	5488,843	4617,899	5037,155
Q8BHF7;F2Z427;F8WI04	7	1	47,581	0,317169	1,10912	CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase, mitochondrial OS=Mus musculus OX=10090 GN=Pgs1 PE=1 SV=1	10014,73	8681,562	7059,914	8092,698	8662,752	8935,788	8118,988	8815,492
Q9DBG6;A2ACG7	36	14	317,7934	0,317326	1,280511	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2 OS=Mus musculus OX=10090 GN=Rpn2 PE=1 SV=1	45845,14	32907,62	22275,1	29995,51	28037,53	38668,99	28881,31	27312,44
Q8CHP8	11	2	78,1521	0,317481	1,664263	Glycerol-3-phosphate phosphatase OS=Mus musculus OX=10090 GN=Pgp PE=1 SV=1	171,7063	238,9406	361,1081	277,9754	173,9508	320,5961	250,3533	352,064
P17225	40	2	269,6021	0,31771	1,183314	Polypyrimidine tract-binding protein 1 OS=Mus musculus OX=10090 GN=Ptbp1 PE=1 SV=2	1891,166	1317,328	1371,744	1074,353	1644,181	1934,631	1523,211	1380,553
P28740;E0CZ72;F8VQ42	52	6	281,4033	0,317976	1,194546	Kinesin-like protein KIF2A OS=Mus musculus OX=10090 GN=Kif2a PE=1 SV=2	1086,227	1132,798	1357,367	1105,547	1216,519	1832,962	1192,017	1222,588
P26350;A0A087WP98;A0A087WPN6	17	11	79,9614	0,31818	4,265148	Prothymosin alpha OS=Mus musculus OX=10090 GN=Ptma PE=1 SV=2	3085,587	4657,262	4163,975	2543,963	3959,376	30516,27	2988,276	2060,994
Q9QZM0	19	2	159,6876	0,318197	1,326488	Ubiquilin-2 OS=Mus musculus OX=10090 GN=Ubln2 PE=1 SV=2	1059,977	1629,11	1111,691	1922,861	1251,603	1355,492	1076,575	1258,876
O55106;F6Z700;F8WH41	12	2	72,1458	0,318443	1,398593	Striatin OS=Mus musculus OX=10090 GN=Strn PE=1 SV=2	3029,349	4872,357	5545,025	2861,547	5958,072	3852,356	3760,21	2802,941
Q8K371;B8JK81;B8JK87;Q3TP05	8	1	32,2807	0,318667	1,848487	Angiomotin-like protein 2 OS=Mus musculus OX=10090 GN=Amotl2 PE=1 SV=1	0	24,08524	81,11369	37,46567	83,56739	52,24909	102,0762	23,92306
P06151;A0A1B0GQX5;A0A1B0GRC1;A0A1B0GRS2;A0A1B0GRW9;A0A1B0GS79;A0A1B0GSL7;A0A1B0GSR9;A0A1B0GSX0;A0A1B0GT41;D3YZQ9	104	48	589,7988	0,318849	1,223184	L-lactate dehydrogenase A chain OS=Mus musculus OX=10090 GN=Ldha PE=1 SV=3	175825,6	150015,8	160055,7	113534,3	168665,6	105370,3	88408,49	127613,8
P84089;A0A1W2P7H9;A0A1W2P7T3;G3UW85	7	5	69,6674	0,319125	1,315021	Enhancer of rudimentary homolog OS=Mus musculus OX=10090 GN=Erh PE=1 SV=1	7041,464	4727,512	6155,534	3879,604	5884,42	9969,862	6954,138	5864,449
Q8VD33	3	1	15,4517	0,319314	1,431176	Small glutamine-rich tetratricopeptide repeat-containing protein beta OS=Mus musculus OX=10090 GN=Sgtb PE=1 SV=1	2197,23	1341,815	1132,16	1138,125	1487,088	1278,092	439,0609	854,8884

Q692V3;A0A1W2P894;F8VPV8	4	1	19,0245	0,319344	1,78569	Tetratricopeptide repeat protein 41 OS=Mus musculus OX=10090 GN=Ttc41 PE=1 SV=1	641,3753	1991,868	981,4815	644,5551	311,8103	1209,192	564,6336	505,9915
Q6EJB6	18	1	104,8606	0,319838	2,08315	U3 small nucleolar RNA-associated protein 14 homolog B OS=Mus musculus OX=10090 GN=Utp14b PE=1 SV=2	617,229	477,0051	624,3068	2435,589	507,7783	629,1961	297,25	559,9335
Q61626	2	1	7,9156	0,321492	1,8979	Glutamate receptor ionotropic, kainate 5 OS=Mus musculus OX=10090 GN=Grik5 PE=2 SV=2	787,2876	899,6901	279,6812	841,0837	310,2221	724,0592	19,88775	425,2256
Q3V125	15	1	91,9228	0,3218	1,33018	Coiled-coil domain-containing protein 110 OS=Mus musculus OX=10090 GN=Ccdc110 PE=1 SV=1	625,3586	1002,296	789,7533	823,1427	492,2988	813,0507	1208,787	778,4626
P58242	9	4	68,3837	0,323129	1,572589	Acid sphingomyelinase-like phosphodiesterase 3b OS=Mus musculus OX=10090 GN=Smpdl3b PE=1 SV=1	624,4194	804,2227	941,075	1097,809	978,8774	1114,933	306,7827	1786,225
A0A0R4J014;E9PWE2;E9PWE5;P15806	3	1	19,0146	0,323216	1,318921	Transcription factor E2-alpha OS=Mus musculus OX=10090 GN=Tcf3 PE=1 SV=1	6243,231	3717,888	4414,328	6453,037	5667,157	3864,594	3060,815	4536,254
Q8BTM8;A0A668KLG7;B7FAU9;B7FAV1;F6XC15;F6Z2C0;F7AVL7;J3JS91	132	38	1036,8612	0,323244	1,155521	Filamin-A OS=Mus musculus OX=10090 GN=Flna PE=1 SV=5	26361,85	23371,68	19041,22	22619,16	22730,86	21908,42	15600,47	19817,5
C0HKD8;C0HKD9	8	2	48,8686	0,323716	1,961093	Microfibrillar-associated protein 1A OS=Mus musculus OX=10090 GN=Mfap1a PE=1 SV=1	566,6067	87,02008	377,2106	299,1087	64,46485	100,0776	64,51002	449,1134
Q9ERD7;A0A1D5RM76	152	5	588,0298	0,323819	1,128015	Tubulin beta-3 chain OS=Mus musculus OX=10090 GN=Tubb3 PE=1 SV=1	22338,49	23212,5	23862,66	19266,35	28033,99	19917,15	19625,26	22006,1
Q91YX5;E9QL80	2	1	9,584	0,323951	1,71534	Acyl-CoA:lysophosphatidylglycerol acyltransferase 1 OS=Mus musculus OX=10090 GN=Lpgat1 PE=1 SV=1	575,2359	812,9665	520,8501	363,3195	18,96176	896,7832	609,9097	289,3254
Q8VE97;Q542V3	27	4	165,6055	0,324581	1,232629	Serine/arginine-rich splicing factor 4 OS=Mus musculus OX=10090 GN=Srsf4 PE=2 SV=1	5479,233	3224,624	4275,94	4776,774	4293,571	3748,766	2596,789	3766,315
Q61595;A0A087WPY8;A0A087WR91	103	2	704,4666	0,324817	1,221132	Kinectin OS=Mus musculus OX=10090 GN=Ktn1 PE=1 SV=1	1717,105	2551,364	2168,369	2673,937	1588,856	1528,814	2431,965	1911,291
P58389;A2AWE9;A2AWF0;B7ZDE0	15	5	104,779	0,32488	1,173424	Serine/threonine-protein phosphatase 2A activator OS=Mus musculus OX=10090 GN=Ptpa PE=1 SV=1	7314,475	6546,336	6342,051	7473,61	6812,853	4900,142	7114,985	6850,016
O55091	6	1	33,7801	0,325419	1,12332	Protein IMPACT OS=Mus musculus OX=10090 GN=Impact PE=1 SV=2	2168,078	1942,387	2014,142	1721,839	2363,472	2576,543	1939,629	1934,426
Q8C1B1;A0A0A6YY67;H7BX08	5	2	31,8744	0,325939	1,171764	Calmodulin-regulated spectrin-associated protein 2 OS=Mus musculus OX=10090 GN=Camsap2 PE=1 SV=3	6679,836	5836,849	4064,924	5230,895	5139,968	5239,968	4076,928	4466,414
Q8BHC4;B0QZX9	23	7	179,4474	0,326765	2,538574	Dephospho-CoA kinase domain-containing protein OS=Mus musculus OX=10090 GN=Dcakd PE=1 SV=1	1949,947	1900,199	1848,875	1762,05	1670,769	2374,896	11769,02	1757,887
Q9CTY5	7	3	31,963	0,32684	1,26374	Calcium uptake protein 3, mitochondrial OS=Mus musculus OX=10090 GN=Micu3 PE=2 SV=2	5626,509	4463,137	2619,227	3262,618	3857,471	4670,807	4020,16	3491,404
Q9D024;B1AR93;F7C265	21	6	188,8217	0,326851	1,306524	PAT complex subunit CCDC47 OS=Mus musculus OX=10090 GN=Ccdc47 PE=1 SV=2	3478,977	2928,291	2741,034	1271,399	2964,361	3272,388	1609,879	2637,03

P58501	10	4	61,5686	0,327439	1,634066	PAX3- and PAX7-binding protein 1 OS=Mus musculus OX=10090 GN=Paxbp1 PE=1 SV=3	601,256	366,8931	225,2653	412,923	276,1758	222,0205	338,1196	271,5379
O35609;E9Q855;Q3UXS0	12	4	54,8203	0,327599	1,478465	Secretory carrier-associated membrane protein 3 OS=Mus musculus OX=10090 GN=Scamp3 PE=1 SV=3	274,464	329,6669	374,0994	325,0072	482,3575	321,5652	124,1853	578,5247
Q60848;D3Z414	10	2	47,2004	0,328116	1,940573	Lymphocyte-specific helicase OS=Mus musculus OX=10090 GN=Hells PE=1 SV=2	7,358903	70,91178	111,5198	55,70783	30,77671	136,2723	59,98665	68,61921
A2AGL5;Q9D9K3	1	1	5,8905	0,328292	1,317703	Cell death regulator Aven OS=Mus musculus OX=10090 GN=Aven PE=1 SV=1	653,2286	1048,824	1068,859	999,317	1135,176	592,2501	652,0768	481,7092
P17918	20	5	125,8864	0,328567	1,308698	Proliferating cell nuclear antigen OS=Mus musculus OX=10090 GN=Pcna PE=1 SV=2	5483,704	6091,897	5892,476	3480,064	8308,094	4936,112	5425,226	4695,148
F6SHS0;F6XCT0	15	2	71,5211	0,329069	2,251867	Microtubule-actin cross-linking factor 1 (Fragment) OS=Mus musculus OX=10090 GN=Macf1 PE=1 SV=1	688,2612	50,95741	1045,843	147,765	1303,893	750,5934	73,61037	649,52
Q91VJ5	1	1	4,8581	0,329153	2,395143	Polyglutamine-binding protein 1 OS=Mus musculus OX=10090 GN=Pqbp1 PE=1 SV=1	1406,061	194,6333	1505,576	610,816	936,8569	33,56056	102,5102	478,9987
A2APM2;A2APM1;A2APM3;A2APM4;A2APM5;E9QKM8;P15379;Q3U8S1;Q80X37	2	1	8,7074	0,330534	1,404544	CD44 antigen OS=Mus musculus OX=10090 GN=Cd44 PE=1 SV=1	0	51,92762	64,99579	301,7915	234,0467	111,303	141,6106	52,33692
P50136;Q3U3J1	5	1	30,6908	0,331091	1,192654	2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=Bckdha PE=1 SV=1	1128,204	1169,079	720,8143	903,0788	1290,012	985,3404	989,0591	1050,038
Q8CH25;A0A1L1STF9	23	2	114,0049	0,331345	1,249982	SAFB-like transcription modulator OS=Mus musculus OX=10090 GN=Sltm PE=1 SV=1	6068,541	5136,007	5321,318	4952,687	5076,06	5363,062	9384,605	5624,381
B2RXT3;E9Q7L0	71	13	467,6172	0,331941	1,211999	Oxoglutarate dehydrogenase (succinyl-transferring) OS=Mus musculus OX=10090 GN=Ogdhl PE=1 SV=1	13999,31	11158,91	11108,07	11676,04	11481,07	11420,13	5883,667	10771,55
O54834;A2ALX6;A2ALX7;G3UZI7	13	1	67,1353	0,332107	1,204241	Rho GTPase-activating protein 6 OS=Mus musculus OX=10090 GN=Arhgap6 PE=1 SV=3	1882,553	1663,752	1672,793	1842,752	1465,988	1703,596	807,0615	1940,783
P62823;A0A286YDR2;Q9CXS2	21	5	142,7973	0,332538	1,214321	Ras-related protein Rab-3C OS=Mus musculus OX=10090 GN=Rab3c PE=1 SV=1	7212,571	6189,306	3974,741	5811,972	7156,272	7436,874	6483,035	7082,221
Q14B71;D3YZE8;D3Z5P7	21	5	105,3438	0,33254	1,735198	Cell division cycle-associated protein 2 OS=Mus musculus OX=10090 GN=Cdca2 PE=1 SV=2	560,7659	1374,05	438,8673	1265,713	961,6884	802,1266	746,7335	412,7166
P61922;F7C9G3;Q3TUE8	28	3	170,8474	0,33282	1,373385	4-aminobutyrate aminotransferase, mitochondrial OS=Mus musculus OX=10090 GN=Abat PE=1 SV=1	813,8475	1216,843	920,1868	415,7651	693,8694	1416,359	867,0261	756,1451
Q08288;D3Z345;D3Z5X8;D3Z7N3	23	8	188,6272	0,3331	1,198829	Cell growth-regulating nucleolar protein OS=Mus musculus OX=10090 GN=Lyar PE=1 SV=2	3984,761	3425,278	3454,686	2685,84	3768,468	3378,128	2083,078	3685,157
Q8VEJ4	15	2	80,0906	0,33418	1,396857	Notchless protein homolog 1 OS=Mus musculus OX=10090 GN=Nle1 PE=1 SV=4	174,2973	181,041	281,783	418,7065	326,0874	240,9755	358,8246	548,9531
Q9R1C7;A0A1B0GRU8;A0A1B0GSF1;A0A6Q6PUT5;A2AQW6	48	7	294,1209	0,334398	1,273453	Pre-mRNA-processing factor 40 homolog A OS=Mus musculus OX=10090 GN=Prpf40a PE=1 SV=1	2853,377	2592,836	1977,882	3087,104	2077,315	3350,717	4032,904	3048,174

						Probable dimethyladenosine transferase													
Q9D0D4;A0A286YCE5	13	2	72,0421	0,334468	1,154334	OS=Mus musculus OX=10090 GN=Dimt1 PE=2 SV=1	8199,37	5450,675	5092,306	5645,661	5484,161	5743,588	5694,887	5477,858					
Q6NZJ6;A0A0J9YUC1;A0A0J9YUS5;A0A0J9YVC1;E9PVC5;E9PVC6;E9Q770;E9Q9E1	80	28	515,363	0,334471	1,337425	Eukaryotic translation initiation factor 4 gamma 1 OS=Mus musculus OX=10090 GN=Eif4g1 PE=1 SV=1	12715,04	11247,01	10174,72	8806,431	12431,58	8223,259	3227,49	8226,546					
Q99J47;Z4YKT6	19	1	123,5159	0,335394	1,199658	Dehydrogenase/reductase SDR family member 7B OS=Mus musculus OX=10090 GN=Dhrs7b PE=1 SV=1	2117,311	2355,491	2831,569	2179,648	1512,111	1926,154	2212,431	2254,902					
Q8C2Q3;J3QN51;J3QPT3	33	3	190,9286	0,335497	1,628397	RNA-binding protein 14 OS=Mus musculus OX=10090 GN=Rbm14 PE=1 SV=1	4868,203	4240,745	4254,652	7625,086	4719,013	3972,839	12325,11	4470,867					
A0A0A6YXR1	5	1	25,812	0,335924	1,293756	Dystonin OS=Mus musculus OX=10090 GN=Dst PE=1 SV=1	10458,29	8634,069	5135,15	10817,56	7951,432	12611,31	10217,49	12821,78					
Q99KH8	5	1	29,6288	0,33594	1,489585	Serine/threonine-protein kinase 24 OS=Mus musculus OX=10090 GN=Stk24 PE=1 SV=1	1106,181	1486,265	1861,863	1238,317	1795,714	1512,081	1271,855	1322,971					
A0A338P6N4;A0A338P723;A0A384DV78;Q80W49	41	4	192,5719	0,33613	1,405511	Beta/gamma crystallin domain-containing protein 3 OS=Mus musculus OX=10090 GN=Crybg3 PE=1 SV=1	951,5058	1127,563	924,8395	609,7151	647,8123	728,1972	936,3923	718,3504					
O35551;J3QJV7;Q3U983	30	4	175,1873	0,336721	1,324581	Rab GTPase-binding effector protein 1 OS=Mus musculus OX=10090 GN=Rabep1 PE=1 SV=2	592,4808	383,5133	615,8511	158,5769	611,0303	453,7268	558,5106	695,3081					
P26516	19	7	143,9525	0,336727	1,254873	26S proteasome non-ATPase regulatory subunit 7 OS=Mus musculus OX=10090 GN=Psm7 PE=1 SV=2	2857,651	2856,737	4516,195	2400,1	4228,867	2680,232	3548,248	2117,819					
Q8BWY3	25	4	155,6562	0,337354	1,113449	Eukaryotic peptide chain release factor subunit 1 OS=Mus musculus OX=10090 GN=Etf1 PE=1 SV=4	5725,958	4780,642	4991,863	4081,598	5630,693	4871,281	4828,828	4756,382					
P10637;A0A0A0MQC7;A2A5Y6;B1AQW2	35	10	253,6959	0,337576	1,147587	Microtubule-associated protein tau OS=Mus musculus OX=10090 GN=Mapt PE=1 SV=3	7615,198	6190,197	7872,75	6108,804	7978,689	5583,626	6347,855	6205,289					
Q99PP7;A0A0G2JGY5;E9QME5;E9QP19	4	2	30,1139	0,337589	1,151904	E3 ubiquitin-protein ligase TRIM33 OS=Mus musculus OX=10090 GN=Trim33 PE=1 SV=2	1112,776	810,2848	818,2219	737,9246	961,6438	1053,962	779,0956	1000,358					
P10922	15	6	77,3146	0,337604	1,502849	Histone H1.0 OS=Mus musculus OX=10090 GN=H1-0 PE=2 SV=4	5239,875	3336,593	3238,008	3360,336	4145,797	4419,358	10421,15	3513,66					
Q9CR16	34	6	218,1941	0,337719	1,244505	Peptidyl-prolyl cis-trans isomerase D OS=Mus musculus OX=10090 GN=Ppid PE=1 SV=3	5409,149	5446,746	7723,609	4408,887	7153,628	3936,171	5013,817	5199,464					
Q920A5	14	2	84,6838	0,338069	1,384395	Retinoid-inducible serine carboxypeptidase OS=Mus musculus OX=10090 GN=Scpep1 PE=1 SV=2	337,8198	978,6373	535,7507	366,4991	332,7493	374,1091	292,808	610,9887					
B1ATP9	2	1	18,6427	0,338332	1,22151	Zinc phosphodiesterase ELAC protein 2 (Fragment) OS=Mus musculus OX=10090 GN=Elac2 PE=1 SV=8	689,4463	697,8578	590,3703	677,8658	305,7024	606,1626	621,6902	640,4263					
Q6ZQH8;A2AWI5;F2Z4A7;F7BCN9;J3JSA4	20	3	103,9898	0,338371	1,24106	Nucleoporin NUP188 OS=Mus musculus OX=10090 GN=Nup188 PE=1 SV=2	1012,884	1068,127	850,084	923,1768	519,1764	1245,182	592,8571	788,7826					
E0CXA9;E0CYJ0;G8JL35;Q6PEB6	3	1	16,3619	0,338475	3,163449	MOB-like protein phocein OS=Mus musculus OX=10090 GN=Mob4 PE=1 SV=1	142,3047	179,4758	284,5597	102,034	161,4226	180,3933	1625,497	273,5933					



						RIKEN cDNA 9330159F19 gene OS=Mus													
D3Z623;A0A1L1SS16	5	1	32,5945	0,33919	4,676204	musculus OX=10090 GN=9330159F19Rik PE=1 SV=2	490,0962	13,54342	123,2137	127,9313	15,48473	40,82674	100,7752	65,75854					
O89079;D3Z315;E9Q6I5;F6XIG5;F6YFR7	15	5	108,077	0,339392	1,188882	Coatomer subunit epsilon OS=Mus musculus OX=10090 GN=Cope PE=1 SV=3	841,0593	647,891	963,9771	685,75	1037,345	832,0364	829,4983	852,6887					
Q8VCD6	5	1	28,0068	0,339729	2,049775	Receptor expression-enhancing protein 2 OS=Mus musculus OX=10090 GN=Reep2 PE=1 SV=2	73,25031	983,057	884,3181	824,0948	68,56936	998,8526	891,1942	594,9441					
P08032	25	6	141,0258	0,339949	1,733291	Spectrin alpha chain, erythrocytic 1 OS=Mus musculus OX=10090 GN=Spta1 PE=1 SV=3	1872,974	3513,056	2083,537	2322,507	2253,648	3016,82	8844,863	2857,185					
Q59IX1	6	1	28,7571	0,340087	2,074361	Origin recognition complex subunit 2 OS=Mus musculus OX=10090 GN=Orc2 PE=1 SV=1	3479,156	1064,763	878,3429	1396,048	2643,832	822,0011	3554,514	1073,549					
P70168	78	33	407,8716	0,340591	1,265274	Importin subunit beta-1 OS=Mus musculus OX=10090 GN=Kpnb1 PE=1 SV=2	40197,43	35646,01	39318,85	21463,13	28625,25	37044,14	20432,74	29045,88					
Q6PB66;F6V2A3	132	47	974,3837	0,341	1,17833	Leucine-rich PPR motif-containing protein, mitochondrial OS=Mus musculus OX=10090 GN=Lrpprc PE=1 SV=2	28120,1	24302,47	16742,44	21049,62	23341,96	26975,66	20755,94	22906,44					
Q62009	3	1	13,4678	0,341524	2,879581	Periostin OS=Mus musculus OX=10090 GN=Postn PE=1 SV=2	7,125426	27,18843	72,31327	64,21833	28,00627	27,69428	31,15146	38,01289					
Q8K4L3;A0A1B0GS91;E9Q3Z5;Q8K4L2	18	4	80,2757	0,341546	1,181039	Supervillin OS=Mus musculus OX=10090 GN=Svll PE=1 SV=1	2968,602	2592,1	3216,162	2207,827	3010,012	1982,296	2482,74	2432,659					
Q921G7;Q6PF96	40	10	224,8564	0,341755	1,212448	Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial OS=Mus musculus OX=10090 GN=Etfdh PE=1 SV=1	10947,85	8365,145	6748,852	6860,444	8360,053	7786,458	6669,025	7159,757					
Q9QVP9	4	1	13,1805	0,342016	1,421605	Protein-tyrosine kinase 2-beta OS=Mus musculus OX=10090 GN=Ptk2b PE=1 SV=2	138,5396	288,2721	96,89558	232,7114	236,6386	158,5687	347,0774	268,6094					
Q9Z1T1;A0A338P6V5	13	4	86,3081	0,342126	1,133858	AP-3 complex subunit beta-1 OS=Mus musculus OX=10090 GN=Ap3b1 PE=1 SV=2	495,4542	537,1913	546,4463	476,61	401,2251	558,8496	519,4529	376,0493					
Q9WV70;J3QK52	27	8	140,1224	0,342321	1,205919	Nucleolar complex protein 2 homolog OS=Mus musculus OX=10090 GN=Noc2l PE=1 SV=2	1955,121	2129,122	1689,937	2407,015	1866,475	2468,729	2311,204	3219,448					
Q99LD9;D3Z487;D3Z7J6	7	1	39,0711	0,342353	1,189806	Translation initiation factor eIF-2B subunit beta OS=Mus musculus OX=10090 GN=Eif2b2 PE=1 SV=1	1782,547	2175,993	2448,83	1868,307	2570,51	1543,123	1939,374	1899,942					
Q8CDN6;A0A494B955;A0A494BB31;A0A494BBI1;A0A498WGD8	22	8	165,3506	0,342526	1,156753	Thioredoxin-like protein 1 OS=Mus musculus OX=10090 GN=Txn1l PE=1 SV=3	10883,24	12000,79	8400,758	10028,3	11792,47	11184,77	8456,268	9940,755					
Q8BXA5	4	1	23,5887	0,342559	1,31382	Cleft lip and palate transmembrane protein 1-like protein OS=Mus musculus OX=10090 GN=C1ptm1l PE=1 SV=1	813,0041	2053,614	1640,929	2215,439	2237,243	3012,184	1685,474	1897,89					
Q91YM4;E9PUT1	22	5	147,3275	0,343156	1,157067	FAST kinase domain-containing protein 4 OS=Mus musculus OX=10090 GN=Tbrg4 PE=1 SV=1	3699,055	3617,239	2505,875	2900,011	3065,857	3240,16	2604,858	2821,32					
C3S7Q5	14	1	81,4744	0,343747	1,610955	Ojoplano variant A OS=Mus musculus OX=10090 GN=Ofcc1 PE=2 SV=1	2850,158	1882,388	1846,338	1554,639	1397,407	2571,759	3,607543	1357,628					
G5E8V9;E9QAY5	10	1	61,2589	0,343762	1,338258	Arfaptin-1 OS=Mus musculus OX=10090 GN=Arfp1 PE=1 SV=1	1931,439	805,9986	1304,611	1031,535	1102,518	1179,027	1152,676	1113,717					

P70318	12	1	74,9496	0,343819	2,073177	Nucleolysin TIAR OS=Mus musculus OX=10090 GN=Tial1 PE=1 SV=1	0	156,2714	469,393	0	289,8155	116,108	118,6479	10,56396
Q9JK92	5	2	21,8449	0,345166	1,569439	Heat shock protein beta-8 OS=Mus musculus OX=10090 GN=Hspb8 PE=1 SV=1	117,1343	111,4605	366,5678	148,8552	210,3416	86,89099	353,8111	276,9585
P84091;A0A338P6T4;A0A338P798;Q3TWV4	39	14	268,4614	0,345186	1,104337	AP-2 complex subunit mu OS=Mus musculus OX=10090 GN=Ap2m1 PE=1 SV=1	8910,15	9448,097	9300,51	9796,123	9811,486	10622,01	9372,269	8734,869
Q8CGB3;A0A0R4J0S7;A0A1L1SVG0	23	3	110,1267	0,345202	1,193686	Uveal autoantigen with coiled-coil domains and ankyrin repeats OS=Mus musculus OX=10090 GN=Uaca PE=1 SV=2	2128,106	1724,946	1593,16	1488,739	1179,755	1937,217	1460,55	1389,252
P11438	20	6	119,4615	0,345329	1,101519	Lysosome-associated membrane glycoprotein 1 OS=Mus musculus OX=10090 GN=Lamp1 PE=1 SV=2	1163,972	1267,606	1482,402	1121,552	1387,781	1084,908	1261,909	1261,701
F6RUD1	3	1	19,7696	0,345532	1,111547	Golgi integral membrane protein 4 (Fragment) OS=Mus musculus OX=10090 GN=Golim4 PE=1 SV=1	4430,853	4695,097	3803,163	3680,674	4277,964	3557,571	3433,449	3673,956
Q11011;E9Q039;E9Q6F4;F6QYF8;F6V7K3	50	7	308,0461	0,346034	1,22181	Puromycin-sensitive aminopeptidase OS=Mus musculus OX=10090 GN=Npepps PE=1 SV=2	6731,469	4825,931	4589,765	3980,036	5400,066	4061,724	3792,592	4076,821
P47915;A0A1L1SS27;A0A1L1SUN1;W4VSN7	17	12	74,3049	0,346152	1,503779	60S ribosomal protein L29 OS=Mus musculus OX=10090 GN=Rpl29 PE=1 SV=2	17598,69	12060,47	8965,73	7431,086	14511,42	8068,286	3555,226	5360,999
Q8K212	2	1	10,0261	0,346208	1,614306	Phosphofurin acidic cluster sorting protein 1 OS=Mus musculus OX=10090 GN=Pacs1 PE=1 SV=2	152,7488	273,0588	279,5449	118,4996	221,6202	75,16115	0	213,563
Q9JK48;A0A0G2JEC4	6	1	36,5861	0,346588	1,62337	Endophilin-B1 OS=Mus musculus OX=10090 GN=Sh3glb1 PE=1 SV=1	35,0094	95,5164	119,5606	124,0608	100,1688	157,8716	103,3002	67,00059
A9C474	11	1	53,0824	0,346663	4,427577	RIKEN cDNA A630010A05 gene OS=Mus musculus OX=10090 GN=A630010A05Rik PE=1 SV=2	2,07415	269,2802	46,40885	248,9177	2,079471	43,95431	39,6563	42,29889
Q8C570;A2ASC6	17	1	114,2949	0,347397	1,301434	mRNA export factor OS=Mus musculus OX=10090 GN=Rae1 PE=1 SV=1	921,3351	847,2759	1320,531	1300,786	1112,938	551,5131	423,8588	1364,899
Q922P9;D3YTT1	17	2	104,0977	0,347456	1,382159	Putative oxidoreductase GLYR1 OS=Mus musculus OX=10090 GN=Glyr1 PE=1 SV=1	780,6637	731,4346	821,2972	1395,348	734,9954	1637,214	1274,298	1507,209
O54833;A0A1D5RM55;A0A1D5RM74	18	1	130,5047	0,347603	1,609673	Casein kinase II subunit alpha' OS=Mus musculus OX=10090 GN=Csnk2a2 PE=1 SV=1	881,6329	232,3586	580,892	133,0698	952,4306	513,3713	288,403	636,6817
P43275	40	12	142,1665	0,347717	1,077108	Histone H1.1 OS=Mus musculus OX=10090 GN=H1-1 PE=1 SV=2	122061,2	110644,7	106135,8	112288,4	111025,8	130625,5	112654,5	106219,9
Q6Q477	55	2	344,8462	0,348197	1,673159	Plasma membrane calcium-transporting ATPase 4 OS=Mus musculus OX=10090 GN=Atp2b4 PE=1 SV=1	2631,021	2342,249	2368,408	2328,349	2747,428	2398,562	8558,159	2339,4
O08601	2	1	11,2064	0,3486	1,15345	Microsomal triglyceride transfer protein large subunit OS=Mus musculus OX=10090 GN=Mtpp PE=1 SV=2	1203,378	785,6756	818,5157	972,7359	847,8244	988,3203	898,3602	841,089
Q99LD8;G3UZR0;O08972	16	4	116,5595	0,348767	1,110941	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2 OS=Mus musculus OX=10090 GN=Ddah2 PE=1 SV=1	2723,449	2108,99	2280,439	2203,636	2369,429	1877,094	1904,726	2234,895

P27546;A0A0G2JDY5;A0A0G2JFK3;A0A0G2JFT4;A0A0G2JG35;A0A140T8T5;Q78TF3	47	7	329,3195	0,348813	1,273436	Microtubule-associated protein 4 OS=Mus musculus OX=10090 GN=Map4 PE=1 SV=3	871,888	1617,816	2189,735	1433,256	2069,034	1306,805	985,5434	1554,981
Q921F2;A0A087WNY6;A0A087WP57;A0A087WQA5;A0A087WQX8;A0A087WR97;A0A087WRP4;A0A087WRZ5;A0A087WS17;A0A087WS74;A0A087WSC6;A0A087WSE4;A0A087WSH7;H3BJV1;Q6VYI4;Q6VYI5;Q8BLD4;Q8ROB4	49	18	287,8656	0,349056	1,249041	TAR DNA-binding protein 43 OS=Mus musculus OX=10090 GN=Tardbp PE=1 SV=1 Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma OS=Mus musculus OX=10090 GN=Pip5k1c PE=1 SV=2	17339,69	12921,12	13804,69	11367,8	15807,93	14229,16	8294,754	11821,26
O70161;F8WHW6	4	2	25,731	0,349309	1,225077	Voltage-gated potassium channel subunit beta-1 OS=Mus musculus OX=10090 GN=Kcnab1 PE=1 SV=2	808,0567	1014,76	1056,624	1335,346	1019,548	937,8276	1032,878	1402,609
P63143;A0A5F8MPA4;A0A5F8MPK0	3	1	9,1536	0,349765	9,004103	ADP-ribosylation factor 4 OS=Mus musculus OX=10090 GN=Arf4 PE=1 SV=2	0	0	0	23,11692	0	33,99771	0	79,53521
P61750;E9Q798;F6UFB9	15	1	141,6611	0,350409	1,149516	MORC family CW-type zinc finger protein 3 OS=Mus musculus OX=10090 GN=Morc3 PE=1 SV=1	702,7172	842,8478	895,7387	706,4627	1013,77	825,1465	905,7851	754,2066
F7BJB9;A0A0J9YU83;A0A338P7B1	17	1	77,5451	0,350709	1,180295	Aryl hydrocarbon receptor nuclear translocator 2 OS=Mus musculus OX=10090 GN=Arnt2 PE=1 SV=2	1886,793	1492,712	1433,681	1207,392	1685,506	1234,886	1302,653	1226,726
Q61324;A0A140LHH4;A0A140LHY4	7	1	38,4737	0,351014	1,459934	Erlin-2 OS=Mus musculus OX=10090 GN=Erlin2 PE=1 SV=1	412,1098	543,7105	574,3984	343,6909	460,7802	430,3888	63,18468	438,7589
Q8BFZ9;A0A1B0GQZ0;A0A1B0GRG7;A0A1B0GRQ1;A0A1B0GSD8;A0A1B0GT43;A0A1B0GT70	27	9	188,3491	0,351368	1,177015	YLP motif-containing protein 1 OS=Mus musculus OX=10090 GN=Ylpm1 PE=1 SV=2	9074,184	7126,812	6781,545	6536,076	7417,934	7040,726	4640,483	5980,069
D3YWX2;E9Q803;F6YTL8;Q9R0I7	64	10	360,8244	0,351674	1,245036	182 kDa tankyrase-1-binding protein OS=Mus musculus OX=10090 GN=Tnks1bp1 PE=1 SV=2	10112,49	10526,42	6871,142	7210,836	8239,99	8030,954	5168,996	6447,513
P58871;A0A571BEG9;Z4YJL4	54	8	318,6181	0,351689	1,2782	Short-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Acads PE=1 SV=2	5286,101	3249,907	5986,948	4326,284	4390,405	4890,87	9325,916	5485,906
Q07417	30	8	208,6041	0,352435	1,217895	Protein AATF OS=Mus musculus OX=10090 GN=Aatf PE=1 SV=1	3140,727	2465,515	2212,089	2637,804	2223,079	3074,857	1896,964	1861,398
Q9JKX4	21	3	152,2657	0,352581	1,097183	Glutamate-rich 2 OS=Mus musculus OX=10090 GN=Erich2 PE=4 SV=1	1860,154	1704,934	1644,054	1546,149	1870,468	1481,791	1419,509	1484,043
D3Z5X9;E9Q1A6	3	1	14,4225	0,352611	1,40985	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform OS=Mus musculus OX=10090 GN=Ppp2r2a PE=1 SV=1	9525,626	5561,635	6798,919	5975,734	7062,666	5060,26	12037,52	4189,856
Q6P1F6;A0A494B8Z0;A0A494B941;G3UXS9;Q9CWU3	23	3	141,3144	0,352619	1,605831	Pachytene checkpoint protein 2 homolog OS=Mus musculus OX=10090 GN=Trip13 PE=1 SV=1	2489,409	2787,447	2918,61	2998,282	3220,091	2477,227	8728,391	2868,373
Q3UA06	15	5	91,898	0,352888	1,128466		1659,181	1967,34	2036,043	2166,673	2214,783	1595,231	1931,455	1885,452

Q8K013	3	1	20,8424	0,353161	1,53292	GTP-binding protein 10 OS=Mus musculus OX=10090 GN=Gtpbp10 PE=2 SV=1	722,5361	1119,759	777,038	694,9817	270,2293	1395,546	721,8044	624,7933
Q8C5Q4;E9Q179	19	1	116,9433	0,353227	4,514169	G-rich sequence factor 1 OS=Mus musculus OX=10090 GN=Grsf1 PE=1 SV=2	0	46,43697	42,8674	84,46289	0	30,48589	36,72534	16,32368
Q0P5X1	3	1	13,547	0,35335	1,480703	Leucine-rich repeat and IQ domain-containing protein 1 OS=Mus musculus OX=10090 GN=Lrriq1 PE=2 SV=2	172,8885	125,8434	130,4032	84,66871	64,37964	91,2995	0	282,3382
Q9JKC6	4	3	26,1976	0,353472	1,550669	Cell cycle exit and neuronal differentiation protein 1 OS=Mus musculus OX=10090 GN=Cend1 PE=1 SV=1	168,2305	105,1936	140,4625	197,7198	180,0005	150,9337	13,83269	208,4144
Q3UHK8	8	2	50,1425	0,354368	1,471111	Trinucleotide repeat-containing gene 6A protein OS=Mus musculus OX=10090 GN=Tnrc6a PE=1 SV=2	569,016	498,21	417,7227	658,8757	447,5784	627,0911	1026,724	1052,411
Q35344	19	5	137,523	0,354535	1,667925	Importin subunit alpha-4 OS=Mus musculus OX=10090 GN=Kpna3 PE=1 SV=1	238,7926	1139,359	1576,657	724,4403	482,0243	1063,981	1162,556	664,5665
P63328;E9Q6P2	16	4	88,0384	0,354951	1,127377	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform OS=Mus musculus OX=10090 GN=Ppp3ca PE=1 SV=1	1271,525	1046,175	1080,551	880,0268	1132,485	1215,571	881,8852	1183,918
O54825	23	3	153,4265	0,355101	1,267212	Bystin OS=Mus musculus OX=10090 GN=Bysl PE=1 SV=3	1309,134	1206,546	891,7973	1564,856	1256,662	1201,725	1044,09	1197,565
Q6PDQ2;E9QAS4;E9QAS5;F6WR4 5	105	21	702,085	0,355106	1,283646	Chromodomain-helicase-DNA-binding protein 4 OS=Mus musculus OX=10090 GN=Chd4 PE=1 SV=1	7467,005	8018,052	8949,071	7237,375	9612,05	12170,19	5855,984	9960,912
P48754	54	4	315,7018	0,355335	1,622189	Breast cancer type 1 susceptibility protein homolog OS=Mus musculus OX=10090 GN=Brca1 PE=1 SV=3	2974,2	812,7518	2019,931	1210,129	2497,153	1583,337	5330,804	1971,625
Q8CIN4;G5E884;O88643	19	2	142,687	0,355529	1,098955	Serine/threonine-protein kinase PAK 2 OS=Mus musculus OX=10090 GN=Pak2 PE=1 SV=1	1698,893	1551,715	1646,08	1739,541	1660,292	1810,514	1775,423	2004,833
Q8VHX6	127	23	753,3657	0,356724	1,784565	Filamin-C OS=Mus musculus OX=10090 GN=Flnc PE=1 SV=3	3294,467	3613,326	3760,509	2627	4711,872	3231,816	10709,84	2369,528
Q9ER69;A0A3B2W4D2;E0CYH0;E OCZF5;F7CCI4	18	5	101,7273	0,356944	1,202085	Pre-mRNA-splicing regulator WTAP OS=Mus musculus OX=10090 GN=Wtap PE=1 SV=3	1426,42	1360,66	1769,721	1420,835	1335,202	1897,459	2152,086	1800,878
Q05186	15	4	87,4554	0,357045	1,242482	Reticulocalbin-1 OS=Mus musculus OX=10090 GN=Rcn1 PE=1 SV=1	1678,617	1275,953	1401,92	1616,628	1526,857	1679,127	2153,087	1316,192
Q80Y81;B1ATP7	33	4	200,9042	0,357227	1,533756	Zinc phosphodiesterase ELAC protein 2 OS=Mus musculus OX=10090 GN=Elac2 PE=1 SV=1	255,7298	488,2715	427,4185	283,8707	348,43	924,958	612,8906	345,7818
P31001	66	9	377,9356	0,357648	1,14789	Desmin OS=Mus musculus OX=10090 GN=Des PE=1 SV=3	14073,35	12580,97	13653,95	10397,89	13955,18	8798,341	10628,46	11702,61
Q9DB15	18	7	132,2081	0,358068	1,222927	39S ribosomal protein L12, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl12 PE=1 SV=2	3907,273	2439,86	3214,138	2410,952	3178,923	3419,221	4416,962	2734,614
Q9CZ44;A2AT02	33	10	188,0402	0,358222	1,231419	NSFL1 cofactor p47 OS=Mus musculus OX=10090 GN=Nsf1c PE=1 SV=1	5916,722	5024,218	5281,772	4018,553	5924,454	3938,566	2615,118	3959,206

Q78XF5	2	1	14,975	0,358266	1,603962	Oligosaccharyltransferase complex subunit OSTC OS=Mus musculus OX=10090 GN=Ostc PE=1 SV=1	511,445	862,6798	436,6645	1216,15	608,604	1336,137	1167,602	1742,754
P61965;F6Q3W0	7	1	40,5015	0,358402	2,200333	WD repeat-containing protein 5 OS=Mus musculus OX=10090 GN=Wdr5 PE=1 SV=1	174,7688	2354,438	1311,705	115,7219	2850,587	1795,626	1925,534	53,89225
Q99MX1	3	1	14,8368	0,359232	1,516068	Ubiquitin carboxyl-terminal hydrolase 26 OS=Mus musculus OX=10090 GN=Usp26 PE=1 SV=2	2452,267	5594,908	5645,372	4133,796	235,5308	3717,427	4019,736	3785,578
Q8VE22;A7M7Q8;F7ARZ1;Q3TI14;Q5SXC9	15	4	103,4218	0,359348	1,349309	28S ribosomal protein S23, mitochondrial OS=Mus musculus OX=10090 GN=Mrps23 PE=1 SV=1	2287,868	1392,267	1670,157	3058,916	2130,18	1824,553	1866,42	1517,996
Q9DBJ1	49	17	310,0348	0,359416	1,191863	Phosphoglycerate mutase 1 OS=Mus musculus OX=10090 GN=Pgam1 PE=1 SV=3	45389,12	38911,04	45953,75	28382,51	47553,81	27004,18	28039,16	30502,37
Q9DBR0;A0A494B9I1;A0A494BAZ0	15	4	82,5684	0,359767	1,456583	A-kinase anchor protein 8 OS=Mus musculus OX=10090 GN=Akap8 PE=1 SV=1	1849,251	1356,004	2301,68	1551,325	2533,923	2243,941	390,3576	1698,13
Q8R5L1	13	1	113,264	0,360036	2,02542	Complement component 1 Q subcomponent-binding protein, mitochondrial OS=Mus musculus OX=10090 GN=C1qbp PE=1 SV=1	81,75042	49,97004	93,63185	256,6237	65,37657	316,047	261,8259	332,9541
Q922W5;A2ABZ2	14	1	87,7538	0,360222	1,373485	Pyrroline-5-carboxylate reductase 1, mitochondrial OS=Mus musculus OX=10090 GN=Pycr1 PE=1 SV=1	119,2678	102,1887	81,90434	86,05406	86,2156	115,3758	107,1723	83,05721
B2RRD7;A0A0N4SUT9;A0A0N4SVG7;E9PXP1;Q3U109;Q80XK2	2	1	9,7572	0,360521	2,76848	Peregrin OS=Mus musculus OX=10090 GN=Brpf1 PE=1 SV=1	118,3242	2421,378	1747,848	909,2268	18,44827	1878,526	1722,858	766,2815
O09005	5	2	29,5458	0,36088	1,450181	Sphingolipid delta(4)-desaturase DES1 OS=Mus musculus OX=10090 GN=Degs1 PE=1 SV=1	90,42454	114,6467	37,0162	56,43324	75,78855	50,0541	62,65595	170,3301
Q8K019;A0A087WQA0;A0A087WRN1;F8WI22	55	19	371,3509	0,361456	1,268653	Bcl-2-associated transcription factor 1 OS=Mus musculus OX=10090 GN=Bclaf1 PE=1 SV=2	12561,15	11108,57	8101,547	10365,62	9659,036	10574,63	4327,248	8652,965
Q8BGJ5;E9QMW9;F7AXP1;Q8CB58;Q922I7	41	4	268,4143	0,361842	1,144363	Polypyrimidine tract-binding protein 1 OS=Mus musculus OX=10090 GN=Ptbp1 PE=1 SV=1	18493,62	12685,27	12882,44	11162,3	16275,14	18479,17	14423,99	14017,55
E9PVA2;Q9DB85	10	2	50,5434	0,362077	1,100024	Ribosomal RNA-processing protein 8 OS=Mus musculus OX=10090 GN=Rrp8 PE=1 SV=1	5659,953	5493,888	5226,667	6243,843	4360,356	5838,819	5819,174	4548,796
G3UXC7	6	1	33,219	0,362372	1,378302	ADAMTS-like 3 OS=Mus musculus OX=10090 GN=Adamtsl3 PE=1 SV=1	1327,394	1270,973	1086,968	1561,09	1323,049	1144,237	2559,106	1115,501
Q9CQW1	9	3	39,5026	0,362668	1,437015	Synaptobrevin homolog YKT6 OS=Mus musculus OX=10090 GN=Ykt6 PE=1 SV=1	298,6113	212,8788	288,4381	268,5181	319,1617	339,7187	424,3002	452,192
Q80YR5	40	3	280,4446	0,362678	1,120992	Scaffold attachment factor B2 OS=Mus musculus OX=10090 GN=Safb2 PE=1 SV=2	2992,325	2585,365	2253,964	2626,112	2730,899	2461,953	2215,854	2364,99
Q9Z2C8	7	1	30,5135	0,363038	2,050512	Y-box-binding protein 2 OS=Mus musculus OX=10090 GN=Ybx2 PE=1 SV=1	205,3558	167,1372	120,1697	156,8568	166,3591	175,0754	759,9874	148,5201
I7HPW8;A0A1Y7VNG3	31	4	169,7392	0,363629	8,130479	Myosin XVB OS=Mus musculus OX=10090 GN=Myo15b PE=1 SV=2	5425,622	4407,919	4316,681	3591,04	5267,784	4511,059	129893,7	4572,407
P14206;A0A1L1SRW0;A0A1L1SUK3	40	19	232,3226	0,364045	1,09092	40S ribosomal protein SA OS=Mus musculus OX=10090 GN=Rpsa PE=1 SV=4	17048,51	16167,72	15147,6	13147,42	19251,26	15417,79	15774,26	16620,09

P36552	15	4	102,033	0,364151	1,085248	Oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial OS=Mus musculus OX=10090 GN=Cpox PE=1 SV=2	1611,239	1893,011	1645,712	1759,133	1680,279	1801,889	1919,86	2096,053
O35071;E9Q9B0;Q3V3Y9	7	1	38,1347	0,364307	1,884737	Kinesin-like protein KIF1C OS=Mus musculus OX=10090 GN=Kif1c PE=1 SV=2	58,93033	298,3472	236,0417	474,3173	247,5072	14,44894	288,113	530,8077
G5E870;A0A087WZN7;A0A087WP92;A0A087WQ02;A0A087WRV6;A0A0B4J1N9;Q3TP48	71	8	430,4143	0,364575	1,169381	E3 ubiquitin-protein ligase TRIP12 OS=Mus musculus OX=10090 GN=Trip12 PE=1 SV=1	6156,141	5475,843	4760,491	6736,183	6045,073	4978,44	4089,817	4665,216
P62843;D3YTQ9	13	5	79,6671	0,364675	1,251577	40S ribosomal protein S15 OS=Mus musculus OX=10090 GN=Rps15 PE=1 SV=2	2764,598	1932,641	1851,707	1925,291	2596,273	1877,952	1196,967	1099,656
Q9CYL5;B1AWD6	12	3	69,2508	0,366075	1,157583	Golgi-associated plant pathogenesis-related protein 1 OS=Mus musculus OX=10090 GN=Glipr2 PE=1 SV=3	882,8298	909,5351	648,9211	622,0447	986,6183	740,1013	1003,324	816,0155
Q9DAR7;D6RFQ0	24	2	176,404	0,366704	1,138877	m7GpppX diphosphatase OS=Mus musculus OX=10090 GN=Dcps PE=1 SV=1	7313,521	6590,298	6057,317	5784,638	7531,001	4961,322	5503,914	5812,192
Q923B1;F6ZYX6	2	1	9,6134	0,366814	1,581797	Lariat debranching enzyme OS=Mus musculus OX=10090 GN=Dbr1 PE=1 SV=2	48,39935	175,3609	208,174	87,95118	308,0867	140,2778	255,4694	118,5191
P97452	24	7	174,6396	0,366824	1,145146	Ribosome biogenesis protein BOP1 OS=Mus musculus OX=10090 GN=Bop1 PE=1 SV=1	9023,399	7644,488	6622,038	7114,911	5280,655	7887,997	6708,016	6674,392
Q80YY7;F8WIU3;R4GMK9	5	1	27,9849	0,366878	1,133552	Zinc finger protein 618 OS=Mus musculus OX=10090 GN=Znf618 PE=2 SV=3	5292,442	5422,175	4472,626	4203,856	6084,884	4874,289	5248,096	5773,549
Q8C6E0	5	1	28,2721	0,367832	1,404739	Cilia- and flagella-associated protein 36 OS=Mus musculus OX=10090 GN=Cfap36 PE=1 SV=1	799,1471	879,6727	745,3264	1182,667	1002,115	715,5255	1832,14	1516,851
Q9D6S7	6	1	47,5173	0,368732	1,484315	Ribosome-recycling factor, mitochondrial OS=Mus musculus OX=10090 GN=Mrrf PE=1 SV=1	53,01139	267,0399	209,4147	250,3126	207,2719	342,625	347,0187	198,1641
Q569L8	17	1	89,4922	0,368974	1,295924	Centromere protein J OS=Mus musculus OX=10090 GN=Cenpj PE=2 SV=2	3344,671	3073,52	3001,818	1945,241	3021,986	2068,572	997,4925	2681,943
Q9QXV0	15	3	91,3284	0,369263	2,462075	ProSAAS OS=Mus musculus OX=10090 GN=Pcsk1n PE=1 SV=2	604,527	543,903	684,4435	616,8241	476,2082	797,1527	4041,48	716,4995
Q8R1U1;G3UWH9;G3UWX2;Q7TSQ9	19	1	99,8576	0,369377	1,642789	Conserved oligomeric Golgi complex subunit 4 OS=Mus musculus OX=10090 GN=Cog4 PE=1 SV=1	140,399	83,48204	188,3352	272,8962	81,5797	255,2333	307,8676	455,9884
E9Q912;A0A0G2JGC8	32	8	210,508	0,369434	1,247808	Rap1 GTPase-GDP dissociation stimulator 1 OS=Mus musculus OX=10090 GN=Rap1gds1 PE=2 SV=1	2776,02	3411,769	3722,954	5261,904	4197,205	2437,501	2782,243	2742,491
Q921I9	7	2	39,7558	0,369786	1,257713	Exosome complex component RRP41 OS=Mus musculus OX=10090 GN=Exosc4 PE=1 SV=3	383,5662	276,3738	367,9709	463,1683	537,3884	297,3768	322,6563	335,6148
A0A5F8MPF0;Q60575	22	1	136,3448	0,369992	1,477238	Kinesin-like protein KIF1B OS=Mus musculus OX=10090 GN=Kif1b PE=1 SV=1	155,8729	68,89606	86,68447	121,3219	0	66,64579	90,08438	136,2324
Q62383	11	2	43,4947	0,370033	1,309887	Transcription elongation factor SPT6 OS=Mus musculus OX=10090 GN=Supt6h PE=1 SV=2	2377,882	1964,643	1955,907	2220,952	1285,484	3034,618	1114,684	1157,657
P62631	81	6	335,8063	0,370244	1,164412	Elongation factor 1-alpha 2 OS=Mus musculus OX=10090 GN=Eef1a2 PE=1 SV=1	45605,98	46036,37	44590,01	39672,33	52234,37	35982,71	29572,54	42752,16

O70194;A0A2R8VK20	34	12	243,5428	0,370599	1,17209	Eukaryotic translation initiation factor 3 subunit D OS=Mus musculus OX=10090 GN=Elf3d PE=1 SV=2	14364,47	12884,41	12066,1	9997,327	13209,55	11723,76	7666,903	9471,905
Q9D0J4	2	1	10,9977	0,370623	1,41519	ADP-ribosylation factor-like protein 2 OS=Mus musculus OX=10090 GN=Arl2 PE=1 SV=1	992,0612	929,5126	1008,571	874,9864	1390,797	803,3274	986,8366	920,0123
B1AWM5;Q3UNV4	3	1	19,599	0,370921	1,848942	Cytochrome P450, family 2, subfamily j, polypeptide 13 OS=Mus musculus OX=10090 GN=Cyp2j13 PE=3 SV=1	6,76064	263,1949	528,1567	326,0763	381,4864	342,6751	262,0009	323,1308
P11983;A0A3B2WDE2;F2Z483	80	36	541,2471	0,371023	1,166595	T-complex protein 1 subunit alpha OS=Mus musculus OX=10090 GN=Tcp1 PE=1 SV=3	53489	42521,2	38035,07	33537,43	51188,6	37244,46	36937,45	39334,14
Q64012;A2AU60;A2AU61;A2AU62	27	9	179,6391	0,371474	1,315997	RNA-binding protein Raly OS=Mus musculus OX=10090 GN=Raly PE=1 SV=3	6681,064	4994,262	6135,183	8478,22	7918,487	6504,729	2618,181	8024,92
Q8BVL3;D3Z7S9	5	1	29,3639	0,371634	1,801765	Sorting nexin-17 OS=Mus musculus OX=10090 GN=Snx17 PE=1 SV=2	1717,156	2924,349	4278,116	1742,942	2,329297	2396,799	3030,248	2391,771
A2CEK3	13	2	70,1213	0,371957	1,113767	Phosphoglucomutase-1 OS=Mus musculus OX=10090 GN=Pgm1 PE=1 SV=1	810,1767	715,3327	861,3831	708,261	664,4073	574,7711	839,8761	701,5341
Q9CQF0;A0A494B9H5;A0A494B9R3	5	2	31,7312	0,372017	1,349133	39S ribosomal protein L11, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl11 PE=1 SV=1	3698,202	2089,114	2515,565	1491,751	3328,526	2120,081	2051,961	1915,883
P05064;A0A0U1RPN8;A0A0U1RPT5;A6ZI44;D3YV98;D3YWI1;D3Z510	84	7	409,7098	0,372122	1,202149	Fructose-bisphosphate aldolase A OS=Mus musculus OX=10090 GN=Aldoa PE=1 SV=2	11683,8	9808,443	13257,87	7407,795	12391,02	8061,307	9075,043	8514,667
P25976;A2AWT5;A2AWT6;A2AWT7;E9Q4A8	52	6	355,9453	0,372782	3,096115	Nucleolar transcription factor 1 OS=Mus musculus OX=10090 GN=Ubtf PE=1 SV=1	7890,454	1290,959	690,453	1005,699	899,5299	887,2967	1079,166	647,302
Q9D5T0;A0A494B9L7;A0A494B9Y0;A0A494BAB5	17	6	111,8176	0,372875	1,539241	Outer mitochondrial transmembrane helix translocase OS=Mus musculus OX=10090 GN=Atad1 PE=1 SV=1	4297,04	3994,713	2245,06	3461,951	2695,178	4275,327	958,416	3122,383
A0A0A6YY25	2	1	8,9474	0,372909	1,331989	BTB/POZ domain-containing protein 18 OS=Mus musculus OX=10090 GN=Btbd18 PE=1 SV=1	389,3251	639,253	439,0654	722,6084	579,0438	632,3528	332,8664	633,4889
P97370	10	3	83,45	0,373559	1,18075	Sodium/potassium-transporting ATPase subunit beta-3 OS=Mus musculus OX=10090 GN=Atp1b3 PE=1 SV=1	16294,72	14141,59	10062,7	10147,54	13658,46	18760,82	12910,73	14470,92
Q8VCM8;D3YU17	26	9	186,146	0,373565	1,311866	Nicalin OS=Mus musculus OX=10090 GN=Ncln PE=1 SV=2	33023,61	21399,57	20629,05	25056,8	27704,61	27710,62	13253,09	21354,06
Q9CQ92;D3YZ32;G3X9U9	12	3	95,3657	0,373962	1,234613	Mitochondrial fission 1 protein OS=Mus musculus OX=10090 GN=Fis1 PE=1 SV=1	3014,238	2853,288	2925,12	2924,158	3444,201	3792,582	4626,432	2602,5
COHKE1;A0A0N4SV66;COHKE2;COHKE3;COHKE4;COHKE5;COHKE6;COHKE7;COHKE8;COHKE9;Q8BFU2;Q8CGP4;Q8CGP5;Q8CGP6;Q8CGP7;Q8R1M2	74	2	133,0317	0,374116	1,544123	Histone H2A type 1-B OS=Mus musculus OX=10090 GN=H2ac4 PE=1 SV=1	489,2565	462,4114	270,8623	850,1102	300,7956	387,6842	383,9332	269,864
Q9ESU7	21	1	159,1405	0,375115	1,23164	Amino acid transporter OS=Mus musculus OX=10090 GN=Slc1a5 PE=1 SV=1	1128,446	983,1948	475,364	829,4106	822,1171	1254,641	860,1481	924,2291
Q5DVT4	4	1	18,3495	0,375377	1,969279	Probable ribonuclease ZC3H12C OS=Mus musculus OX=10090 GN=Zc3h12c PE=1 SV=2	28,70982	44,67701	78,33412	54,77184	69,83745	46,59992	229,8274	60,37723

Q9DBD5;Q9D4T3	16	3	90,7126	0,376107	1,301395	Proline-, glutamic acid- and leucine-rich protein 1 OS=Mus musculus OX=10090 GN=Pelp1 PE=1 SV=2	3113,927	2498,011	2719,343	2568,779	3533,673	3415,559	5096,367	2139,681
Q62234	6	1	27,3982	0,376613	1,166217	Myomesin-1 OS=Mus musculus OX=10090 GN=Myom1 PE=1 SV=2	9687,068	6871,799	6770,812	6334,479	7412,194	6699,123	6635,911	5929,341
O08795	36	14	192,248	0,37682	1,203194	Glucosidase 2 subunit beta OS=Mus musculus OX=10090 GN=Prkcsh PE=1 SV=1	43783,37	38408,38	32940,34	37907,24	33871,53	40030,36	16282,52	37009,79
Q8C878;Q3TL72	4	1	21,3892	0,377049	1,686742	NEDD8-activating enzyme E1 catalytic subunit OS=Mus musculus OX=10090 GN=Uba3 PE=1 SV=2	463,703	691,111	800,5589	510,9613	28,04275	885,0002	748,0949	890,687
Q99PL5;A2AVJ7	108	31	745,4617	0,37746	1,132737	Ribosome-binding protein 1 OS=Mus musculus OX=10090 GN=Rrbp1 PE=1 SV=2	14142,92	11949,7	10206,18	13945,56	10231,59	13582,39	8788,723	11753,91
Q06185;Q8BTB6	8	4	64,4768	0,377505	1,166342	ATP synthase subunit e, mitochondrial OS=Mus musculus OX=10090 GN=Atp5me PE=1 SV=2	9741,47	6892,66	6375,181	6175,686	7729,521	9924,957	7892,899	8492,323
Q80XI3;A0A0N4SVL0;A0A0R4J112;A2AMI2;A2AMI7;Z4YKC4	54	6	299,9915	0,377566	1,344858	Eukaryotic translation initiation factor 4 gamma 3 OS=Mus musculus OX=10090 GN=Elf4g3 PE=1 SV=2	3010,609	1838,972	2679,432	1215,593	3348,415	3038,66	1404,41	3244,725
P70399;A0A5H1ZRL7;A2AU90;F6QNC8;F6S5E4;F6VCK5	76	15	541,4294	0,377838	1,102845	TP53-binding protein 1 OS=Mus musculus OX=10090 GN=Tp53bp1 PE=1 SV=3	2771,886	3792,785	2891,013	3075,55	3534,707	3691,124	3287,339	3035,616
Q61879;Q3UH59;Q5SV64;Q8BXF2	200	32	1535,1569	0,378806	1,278922	Myosin-10 OS=Mus musculus OX=10090 GN=Myh10 PE=1 SV=2	16424,89	13032,79	11111,65	10481,66	13454,71	12570,71	21132,68	10890,65
Q9CS84;E0CY11	5	1	23,1699	0,378947	2,982116	Neurexin-1 OS=Mus musculus OX=10090 GN=Nrxn1 PE=1 SV=3	1867,508	1016,479	1269,842	10028,82	1877,816	1206,408	1663,924	1075,449
A6ZI46;Q9CPQ9	61	2	325,7221	0,379004	1,194556	Fructose-bisphosphate aldolase OS=Mus musculus OX=10090 GN=Aldoart1 PE=1 SV=1	30665,32	26102,85	33920,05	19479,56	32196,39	21369,49	22764,96	22097,55
Q9CPQ8	12	7	57,3585	0,379157	1,295235	ATP synthase subunit g, mitochondrial OS=Mus musculus OX=10090 GN=Atp5mg PE=1 SV=1	15026,76	16704,62	10841,58	15122,58	16157,24	26871,22	15556,25	16144,59
Q8K009;D3Z6B9	56	16	353,1522	0,379649	1,220902	Mitochondrial 10-formyltetrahydrofolate dehydrogenase OS=Mus musculus OX=10090 GN=Aldh1l2 PE=1 SV=2	7315,234	5522,33	5373,366	4136,495	5793,648	5500,342	4372,233	4596,946
Q6PDL0;A0A1D5RM94;A0A1D5RMC1	23	3	158,0897	0,379989	1,092865	Cytoplasmic dynein 1 light intermediate chain 2 OS=Mus musculus OX=10090 GN=Dync1li2 PE=1 SV=2	1416,481	1066,808	1201,132	1155,947	1220,753	1136,693	1082,943	1276,489
Q9CYN9	6	1	40,8233	0,380391	1,22874	Renin receptor OS=Mus musculus OX=10090 GN=Atp6ap2 PE=1 SV=2	3060,583	3062,648	3991,069	2423,287	4580,942	4120,466	3625,343	3078,678
F8VPZ3;G3UX31	3	1	20,1043	0,380638	1,470536	Ubiquitinyl hydrolase 1 OS=Mus musculus OX=10090 GN=Usp32 PE=1 SV=1	47,14558	109,4595	140,7239	233,4497	146,7347	110,2218	230,4002	293,1727
A0A2I3BS49;Q9CXU4;Q9WTQ8	4	1	30,9978	0,380719	1,367681	Mitochondrial import inner membrane translocase subunit Tim23 OS=Mus musculus OX=10090 GN=Timm23 PE=1 SV=1	592,7177	1499,083	1230,856	1507,863	1539,076	636,4427	926,6049	875,6356
P62918	34	16	153,2825	0,380732	1,243967	60S ribosomal protein L8 OS=Mus musculus OX=10090 GN=Rpl8 PE=1 SV=2	26548,96	24976,22	25084,21	22266,82	27411,95	21471,64	9134,79	21466,2



D3YZ09;Q9CY66	14	5	72,2616	0,380774	1,271462	H/ACA ribonucleoprotein complex subunit (Fragment) OS=Mus musculus OX=10090 GN=Gar1 PE=1 SV=1	1216,601	593,1844	728,7631	695,1786	607,5478	768,8962	831,9419	834,8921
Q61572	2	1	9,8394	0,381199	13,99605	Forkhead box protein C1 OS=Mus musculus OX=10090 GN=Foxc1 PE=1 SV=3	48,5828	0	23,94688	2,512618	0	37,95149	13,56515	0
A0A1Y7VNZ6;Q03141	3	1	14,8319	0,381378	1,783892	Non-specific serine/threonine protein kinase OS=Mus musculus OX=10090 GN=Mark3 PE=1 SV=1	72,23772	44,79231	60,45245	79,998	0	17,03007	62,68003	242,7613
B7ZNU9	3	1	15,6366	0,381628	1,230204	Beta-2-syntrophin OS=Mus musculus OX=10090 GN=Sntb2 PE=1 SV=1	474,3937	555,7162	350,8942	476,7869	469,7714	751,5447	602,1514	461,9946
A2ACJ2	6	1	22,7419	0,3824	7,990546	Fanconi anemia core complex-associated protein 100 OS=Mus musculus OX=10090 GN=Faap100 PE=2 SV=1	391,2407	361,131	253,1445	419,8902	288,8116	231,1157	7231,321	389,4043
P20152;A0A0A6YWC8;A2AKJ2	250	94	987,2047	0,383091	1,137051	Vimentin OS=Mus musculus OX=10090 GN=Vim PE=1 SV=3	36610,49	36391,4	35892,94	42176,12	36137,54	43336,43	25139,29	35237,32
Q8CGK3	73	21	428,1566	0,383734	1,166495	Lon protease homolog, mitochondrial OS=Mus musculus OX=10090 GN=Lonp1 PE=1 SV=2	10128,13	9135,657	6733,133	9347,418	7797,466	11265,32	9294,787	10515,48
Q6PDG5;A0A1W2P6N7	54	2	323,4897	0,383736	3,218941	SWI/SNF complex subunit SMARCC2 OS=Mus musculus OX=10090 GN=Smarcc2 PE=1 SV=2	7,651853	31,64356	356,3292	37,59657	81,16535	141,3072	498,1894	673,8512
Q6IRU2;A0A571BEU1	29	5	231,6178	0,383867	1,207378	Tropomyosin alpha-4 chain OS=Mus musculus OX=10090 GN=Tpm4 PE=1 SV=3	8513,247	6951,607	7554,98	4933,926	8628,883	7300,618	4345,649	7867,421
Q9DCJ5	13	3	57,6349	0,383973	1,305437	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 OS=Mus musculus OX=10090 GN=Ndufa8 PE=1 SV=3	1157,841	1080,393	804,0093	981,2132	236,3459	1141,886	839,2423	864,6025
Q06138	7	3	46,7316	0,384034	1,186652	Calcium-binding protein 39 OS=Mus musculus OX=10090 GN=Cab39 PE=1 SV=2	5624,806	6027,511	4853,806	4272,335	6085,038	4505,733	5074,373	5237,828
P48722;A0A0N4SVU2;E0CY23	69	19	508,2467	0,384318	1,105812	Heat shock 70 kDa protein 4L OS=Mus musculus OX=10090 GN=Hspa4l PE=1 SV=2	12007,83	11736,65	10505,18	10546,59	13491,34	10908,43	14102,69	10774,95
A0A571BD61	21	1	93,6572	0,384426	1,291376	Coiled-coil domain-containing protein 30 (Fragment) OS=Mus musculus OX=10090 GN=Ccdc30 PE=1 SV=1	3162,525	2420,083	2644,062	2288,603	2918,654	2846,662	901,6665	2727,215
P97377	15	3	82,4998	0,384604	1,346411	Cyclin-dependent kinase 2 OS=Mus musculus OX=10090 GN=Cdk2 PE=1 SV=2	10498,71	4768,974	10515,49	7223,877	10794,42	10718,49	3431,401	6305,757
O08807;B1AZS9	50	13	286,8799	0,384787	1,201908	Peroxisredoxin-4 OS=Mus musculus OX=10090 GN=Prdx4 PE=1 SV=1	30789,67	24673,48	21956,3	21603,02	24983,37	25369,23	14588,05	17447,07
P97324;G3UWD6	33	1	222,0023	0,384853	1,307265	Glucose-6-phosphate 1-dehydrogenase 2 OS=Mus musculus OX=10090 GN=G6pd2 PE=1 SV=3	849,107	831,7029	1163,62	770,9079	343,8686	651,8678	1333,663	825,8146
P26883;F6X9I3	12	6	65,9849	0,384857	1,390312	Peptidyl-prolyl cis-trans isomerase FKBP1A OS=Mus musculus OX=10090 GN=Fkbp1a PE=1 SV=2	1937,345	2067,845	1658,696	4010,903	2081,809	1623,033	1594,271	1659,606
Q9CRB6	17	5	100,9256	0,385247	1,242423	Tubulin polymerization-promoting protein family member 3 OS=Mus musculus OX=10090 GN=Tppp3 PE=1 SV=1	1910,099	1204,511	1139,2	559,2893	1593,734	1688,663	1349,479	1348,032

Q9ER88;A0A0R4J1B9;G3UWJ4;G3UWM7;G3UWZ6;G3UZC0;G3X9MO	20	4	147,7558	0,385492	1,117924	28S ribosomal protein S29, mitochondrial OS=Mus musculus OX=10090 GN=Dap3 PE=1 SV=1	1050,41	1451,92	1306,212	1228,759	1183,068	1333,882	1198,356	1134,995
Q9CPR7	5	1	23,4054	0,385789	1,252394	Suppressor of IKBKE 1 OS=Mus musculus OX=10090 GN=Sike1 PE=1 SV=1	5688,491	4529,778	3716,738	3922,028	4059,602	4519,895	4579,121	2885,969
Q9D8W5;A0A0R4J0G9;B1AT36;Q3TRH2	37	5	263,0771	0,385906	1,359705	26S proteasome non-ATPase regulatory subunit 12 OS=Mus musculus OX=10090 GN=Psm12 PE=1 SV=4	205,4967	549,6754	421,9534	216,9885	426,4753	427,9867	714,828	325,8153
P50404	3	2	12,7978	0,385963	1,234385	Pulmonary surfactant-associated protein D OS=Mus musculus OX=10090 GN=Sftpd PE=1 SV=1	870,6733	638,5087	965,7074	963,3068	837,0158	800,807	698,3524	518,2881
Q8BI22;F6Q1Q5;F7CIB0	15	1	86,1863	0,386374	1,114299	Centrosomal protein of 128 kDa OS=Mus musculus OX=10090 GN=Cep128 PE=1 SV=2	913,2725	767,1827	768,5018	754,4603	663,3512	780,8038	712,4152	718,2567
Q9Z1Q9;G3UY93;G3UYW2;G3UZ22;G3UZX1	96	29	703,7649	0,387008	1,234095	Valine--tRNA ligase OS=Mus musculus OX=10090 GN=Vars1 PE=1 SV=1	39404,3	36224,99	31077,12	22323,16	35926,87	26433,57	19436,15	26006,72
P61514;A0A1D5RL86	7	4	47,0929	0,387402	1,34919	60S ribosomal protein L37a OS=Mus musculus OX=10090 GN=Rpl37a PE=1 SV=2	3180,456	1840,679	2804,721	2451,174	4581,103	1214,364	1861,737	2982,139
Q8BMK4	66	10	493,2645	0,387766	1,161559	Cytoskeleton-associated protein 4 OS=Mus musculus OX=10090 GN=Ckap4 PE=1 SV=2	8051,601	6036,721	5251,647	5135,225	5944,886	6038,568	5899,356	5246,58
Q6PH08;Q3UHT7	40	6	223,6054	0,388119	1,107715	ERC protein 2 OS=Mus musculus OX=10090 GN=Ercc2 PE=1 SV=2	454,8338	555,0552	521,3874	480,4877	395,952	457,9829	478,4776	483,7258
Q6DFV3;A0A0A0MQE8;A2BHQ2;B7ZCJ0;B7ZCJ1;G3UWM5;G3UX38	32	7	160,557	0,38846	1,123393	Rho GTPase-activating protein 21 OS=Mus musculus OX=10090 GN=Arhgap21 PE=1 SV=1	4625,37	4290,608	4414,979	3260,282	3522,832	3732,041	3577,045	3929,885
Q6ZQL4;A0A3Q4EGD3;A0A3Q4EHN7	21	3	157,2769	0,388882	1,179512	WD repeat-containing protein 43 OS=Mus musculus OX=10090 GN=Wdr43 PE=1 SV=2	2360,028	1686,46	1383,921	1784,502	1662,265	2574,412	2128,016	2145,379
Q60972;A8Y5E8	23	3	89,4641	0,38907	1,094405	Histone-binding protein RBBP4 OS=Mus musculus OX=10090 GN=Rbbp4 PE=1 SV=5	1467,39	1390,265	1185,637	1131,929	1394,845	1261,801	1629,103	1378,038
P54823	35	8	238,6293	0,389119	1,114848	Probable ATP-dependent RNA helicase DDX6 OS=Mus musculus OX=10090 GN=Ddx6 PE=1 SV=1	7209,852	6415,9	5801,771	5778,933	7248,699	6187,106	5400,14	5670,959
Q925E7;F6RV17	13	2	89,3101	0,389349	1,949777	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta isoform OS=Mus musculus OX=10090 GN=Ppp2r2d PE=1 SV=1	1681,304	6832,992	1548,311	1674,184	4680,779	9532,448	7037,857	1633,041
P63024	11	1	76,8424	0,389433	1,458955	Vesicle-associated membrane protein 3 OS=Mus musculus OX=10090 GN=Vamp3 PE=1 SV=1	66,79499	135,6779	242,4621	20,19242	115,6419	177,6351	219,9931	165,3298
Q9DCL9;D3Z6P1;D6RCU8	22	8	163,1224	0,389575	1,099294	Multifunctional protein ADE2 OS=Mus musculus OX=10090 GN=Paics PE=1 SV=4	8318,997	9073,186	9063,19	7768,556	10977,3	8476,199	9237,791	8930,862
Q61749;A0A0J9YTQ7;A0A0J9YUY0;D3Z780	18	2	103,3961	0,39066	1,248963	Translation initiation factor eIF-2B subunit delta OS=Mus musculus OX=10090 GN=EIF2B4 PE=1 SV=2	2510,577	2165,292	1379,162	1578,431	2071,439	2041,099	2236,663	1305,93
A2AEY4	5	1	31,1108	0,391453	1,384125	MAP7 domain-containing protein 3 OS=Mus musculus OX=10090 GN=Map7d3 PE=2 SV=1	114,4246	133,1259	96,06014	36,79457	117,3489	141,5367	121,4917	146,151

Q6P5F7	7	2	56,9453	0,39149	1,243133	Protein tweety homolog 3 OS=Mus musculus OX=10090 GN=Ttyh3 PE=1 SV=1	3672,078	4720,05	3112,792	3838,76	2684,017	4924,674	2909,567	2836,177
Q6P8X1;A0A1W2P701	14	3	74,2904	0,391742	1,29245	Sorting nexin-6 OS=Mus musculus OX=10090 GN=Snx6 PE=1 SV=2	695,517	581,5816	753,5509	930,8575	643,6712	861,3278	1101,602	1221
Q8BSY0;A2AL85;Q8CBM2	9	1	53,348	0,392222	1,322345	Aspartyl/asparaginyl beta-hydroxylase OS=Mus musculus OX=10090 GN=Asph PE=1 SV=1	121,0765	520,2561	44,84619	36,34703	177,5466	385,8154	289,3838	102,6828
P51859;E0CXA0;E0CYW7	16	3	124,5869	0,392282	1,302013	Hepatoma-derived growth factor OS=Mus musculus OX=10090 GN=Hdgf PE=1 SV=2	810,2871	1243,777	586,333	1050,772	1284,667	796,4939	1601,285	1123,506
Q9Z2I8;A0A0N4SWD1	32	8	261,1886	0,392861	1,198647	Succinate--CoA ligase [GDP-forming] subunit beta, mitochondrial OS=Mus musculus OX=10090 GN=Suclg2 PE=1 SV=3	14365,3	11500,33	7795,802	10607,57	10052,96	14007,7	10958,66	12101,79
Q9JI39	23	5	132,2997	0,393223	1,197121	ATP-binding cassette sub-family B member 10, mitochondrial OS=Mus musculus OX=10090 GN=Abcb10 PE=1 SV=1	5055,291	3685,715	3089,245	3220,871	3070,338	4038,512	2837,34	3546,782
P54726;Q3TN85;Q8CAP3	2	1	9,8588	0,393841	1,4498	UV excision repair protein RAD23 homolog A OS=Mus musculus OX=10090 GN=Rad23a PE=1 SV=2	221,105	165,1349	291,936	299,7845	151,5878	411,4552	302,3531	280,9245
Q9QYF1;Q9R1R8	27	6	183,7177	0,393859	1,389764	Retinol dehydrogenase 11 OS=Mus musculus OX=10090 GN=Rdh11 PE=1 SV=2	5728,236	3685,974	5500,156	6120,631	6376,85	5577,609	3774,75	6461,514
H7BX79;A0A1W2P6T8;G8JL71;Q0 VG85	4	1	24,6067	0,393883	1,755367	Coiled-coil domain-containing protein 162 OS=Mus musculus OX=10090 GN=Ccdc162 PE=1 SV=2	610,9826	444,9081	419,6824	1291,105	493,066	444,6196	1496,382	347,1795
Q8R2M2	32	6	180,6109	0,394677	1,152675	Deoxynucleotidyltransferase terminal- interacting protein 2 OS=Mus musculus OX=10090 GN=Dnttip2 PE=1 SV=1	3307,118	2898,595	2095,948	2545,242	2496,533	2448,716	2375,982	2088,972
D3Z0M9	18	6	100,7888	0,395532	1,221309	RNA helicase OS=Mus musculus OX=10090 GN=Ddx23 PE=1 SV=1	5406,472	3538,334	3028,109	4173,493	3722,393	3467,825	2786,28	3915,994
Q6P5D4	10	1	44,8021	0,395572	1,621999	Centrosomal protein of 135 kDa OS=Mus musculus OX=10090 GN=Cep135 PE=1 SV=1	3573,093	1559,423	2113,198	2580,626	3100,734	2405,162	6670,073	1989,082
Q924C1	59	15	352,6709	0,396449	1,089112	Exportin-5 OS=Mus musculus OX=10090 GN=Xpo5 PE=1 SV=1	1810,247	1654,246	1425,034	1788,444	1593,634	1828,261	1658,14	1718,611
P35980;A0A1B0GQU8;A0A1B0GR Z3;A0A1B0GS28;A0A1B0GSA8;A0 A1B0GSF7;A0A1B0GSS8	32	19	157,6903	0,396609	1,17621	60S ribosomal protein L18 OS=Mus musculus OX=10090 GN=Rpl18 PE=1 SV=3	26448,44	24502,33	18638,38	19621,03	25328,79	18250,41	17325,27	15318,07
Q91YR1	20	4	118,7833	0,396679	1,122916	Twinfilin-1 OS=Mus musculus OX=10090 GN=Twf1 PE=1 SV=2	4750,642	4864,943	4662,256	4861,594	6075,824	4208,269	5888,984	5318,899
Q3U487	6	3	34,7711	0,397536	1,218234	E3 ubiquitin-protein ligase HECTD3 OS=Mus musculus OX=10090 GN=Hectd3 PE=1 SV=2	499,034	621,8223	665,1091	503,442	811,4907	696,079	593,606	559,4624
Q6A0A9	24	5	141,0876	0,397834	1,176526	Constitutive coactivator of PPAR-gamma-like protein 1 OS=Mus musculus OX=10090 GN=FAM120A PE=1 SV=2	1736,262	1214,256	1409,131	1880,151	1477,644	1072,813	1524,408	1228,713
Q80ZS3	9	3	60,0884	0,397839	1,0961	28S ribosomal protein S26, mitochondrial OS=Mus musculus OX=10090 GN=Mrps26 PE=1 SV=1	2390,351	2554,306	2174,585	2508,016	2430,652	2430,639	2887,639	2322,719

O08547;A0A0G2JF08;D6RES2;E9Q6R3	19	7	129,6685	0,397849	1,119134	Vesicle-trafficking protein SEC22b OS=Mus musculus OX=10090 GN=Sec22b PE=1 SV=3	11761,77	10620,36	8564,616	10961,73	9929,46	12436,61	10738,76	11405,19
Q9CXW4;A2BH06	14	5	81,8015	0,397853	1,196675	60S ribosomal protein L11 OS=Mus musculus OX=10090 GN=Rpl11 PE=1 SV=4	399,4169	388,5944	421,2407	491,8333	365,9582	332,9017	386,5206	508,8987
O70435;E0CX62	25	11	148,4429	0,397998	1,139234	Proteasome subunit alpha type-3 OS=Mus musculus OX=10090 GN=Psma3 PE=1 SV=3	10291,61	9864,891	8995,24	7276,25	10933,39	7836,132	10040,78	8712,243
P52825;A2A8E8	6	1	29,9435	0,398076	1,550249	Carnitine O-palmitoyltransferase 2, mitochondrial OS=Mus musculus OX=10090 GN=Cpt2 PE=1 SV=2	658,9071	593,445	702,8734	682,7935	888,6662	466,8704	1824,135	909,9141
Q8C0J2;D3YZW7	4	1	18,3994	0,398092	1,288404	Autophagy-related protein 16-1 OS=Mus musculus OX=10090 GN=Atg16l1 PE=1 SV=1	719,3401	614,7587	334,3646	633,8136	460,6897	869,5054	782,9567	798,9921
Q99MY8	9	1	56,3601	0,398305	1,131565	Histone-lysine N-methyltransferase ASH1L OS=Mus musculus OX=10090 GN=Ash1l PE=1 SV=3	14356,88	12126,98	10003,58	10820,3	11245,1	12588,3	10384,64	10296,24
Q9JLV5;E9Q4T8	14	1	67,5207	0,399068	148,8363	Cullin-3 OS=Mus musculus OX=10090 GN=Cul3 PE=1 SV=1	0	0	8,992257	31,86209	0	0	856,0386	192,8832
B2RSH2	22	2	168,6601	0,39944	1,594274	Guanine nucleotide-binding protein G(i) subunit alpha-1 OS=Mus musculus OX=10090 GN=Gnai1 PE=1 SV=1	473,893	421,3242	456,0267	262,4011	575,7887	320,4402	1222,839	453,5238
Q9CQ71	9	4	66,9286	0,399823	1,287651	Replication protein A 14 kDa subunit OS=Mus musculus OX=10090 GN=Rpa3 PE=1 SV=1	2865,218	1950,128	1483,25	1404,336	1783,022	2478,528	1560,87	1561,45
A0A0A6YXQ1	1	1	5,3328	0,400109	1,795576	Angiotensin-converting enzyme 2 (Fragment) OS=Mus musculus OX=10090 GN=Angptl2 PE=1 SV=1	137,6604	141,919	107,034	143,5333	94,29688	325,6434	284,4178	247,5606
A2AQ07	48	6	243,9885	0,40031	1,108254	Tubulin beta-1 chain OS=Mus musculus OX=10090 GN=Tubb1 PE=1 SV=1	5070,175	4381,777	4096,743	4575,909	4786,091	4487,032	4451,452	5134,082
Q61191;B1AUX2;F6SJS2	29	1	160,314	0,400403	1,351783	Host cell factor 1 OS=Mus musculus OX=10090 GN=Hcfc1 PE=1 SV=2	5840,655	3542,694	3434,803	1687,721	4287,396	3321,399	1991,457	3442,659
Q9D2I5;F6QPP0;F7B303	2	1	9,5282	0,400679	2,93389	LisH domain-containing protein ARMC9 OS=Mus musculus OX=10090 GN=Armc9 PE=1 SV=1	69,84997	668,5467	697,0718	0	0	853,3012	683,0857	397,393
Q69Z99;A0A0J9YTU9;A0A0J9YTW0;A0A0J9YU29;A0A0J9YV10	24	7	172,4286	0,400848	1,095104	Zinc finger protein 512 OS=Mus musculus OX=10090 GN=Znf512 PE=2 SV=2	4783,794	4386,321	4529,709	3714,453	4669,25	3728,08	3897,453	3998,639
Q9CPR8	5	2	33,3576	0,40092	1,126537	Non-structural maintenance of chromosomes element 3 homolog OS=Mus musculus OX=10090 GN=Nsmce3 PE=1 SV=1	35118,48	31117,41	31280,81	25089,08	36448,1	24889,54	30802,15	29450,98
P49446;A0A1B0GRH2;A0A1B0GR T6	13	2	64,2505	0,401014	1,295278	Receptor-type tyrosine-protein phosphatase epsilon OS=Mus musculus OX=10090 GN=Ptpre PE=1 SV=3	773,0283	830,1364	584,4962	517,1226	490,4828	671,3786	456,0908	470,2352
Q9DCD2	13	2	84,5437	0,401356	1,324188	Pre-mRNA-splicing factor SYF1 OS=Mus musculus OX=10090 GN=Xab2 PE=1 SV=1	202,8159	150,682	131,139	197,8836	70,74956	253,269	212,0416	182,6359
Q9QYA2	13	1	80,7033	0,401357	1,411102	Mitochondrial import receptor subunit TOM40 homolog OS=Mus musculus OX=10090 GN=Tomm40 PE=1 SV=3	1640,11	2363,724	2244,421	3215,124	52,57567	2435,926	2348,63	2294,29

P62715	22	1	140,056	0,40181	1,113527	Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform OS=Mus musculus OX=10090 GN=Ppp2cb PE=1 SV=1	2509,871	2755,91	2198,342	2213,656	2677,574	2692,937	2529,461	2488,089
Q8BWS5	3	1	9,0502	0,401845	1,32827	G protein-regulated inducer of neurite outgrowth 3 OS=Mus musculus OX=10090 GN=Gprin3 PE=1 SV=1	747,2131	812,1583	618,2091	871,9477	583,4406	1368,224	755,4187	835,8995
Q6NV72;A0A1W2P880;A0A1Y7VJ P4	8	1	41,3936	0,401932	1,491262	WD repeat and coiled-coil-containing protein OS=Mus musculus OX=10090 GN=Wdcp PE=2 SV=2	464,3354	624,0448	1332,913	839,5188	1032,478	1100,922	1211,119	1518,205
P61164;A0A494BAH0;A0A494BB 86	21	3	207,1425	0,402321	1,134465	Alpha-centractin OS=Mus musculus OX=10090 GN=Actr1a PE=1 SV=1	9572,315	9090,221	8122,609	6951,378	9590,112	7301,371	6795,953	7060,347
P62717;A0A1D5RLW5;A0A1D5R M79;A0A1D5RM85;A0A1D5RMC 7;A0A1D5RME4	27	14	177,0022	0,402483	1,062651	60S ribosomal protein L18a OS=Mus musculus OX=10090 GN=Rpl18a PE=1 SV=1	8361,862	7812,116	7159,836	7285,768	7994,698	6403,338	7123,461	7292,844
Q9QYI4;D6RHR9;Q8C4C9	9	1	44,3786	0,402692	1,42875	DnaJ homolog subfamily B member 12 OS=Mus musculus OX=10090 GN=Dnajb12 PE=1 SV=2	2812,005	2122,149	1988,994	1139,654	2088,726	1942,557	313,3144	1298,659
P97310	59	14	457,8245	0,402711	1,103145	DNA replication licensing factor MCM2 OS=Mus musculus OX=10090 GN=Mcm2 PE=1 SV=3	12914,73	11790,26	11268,36	11389,08	14558,86	10885,44	11946,41	11879,16
Q3UMY5;A0A0R4J0H0;A0A0R4J1 G7;A0A3Q4EHV9;A7ISP9;F8WJ93	13	2	72,1254	0,402766	1,365527	Echinoderm microtubule-associated protein-like 4 OS=Mus musculus OX=10090 GN=Eml4 PE=1 SV=1	1070,02	794,9348	887,7643	1203,381	1064,788	867,9935	63,93777	900,4044
P97496;Q3UNN4;Q3UZD0	53	8	351,7778	0,402779	1,245603	SWI/SNF complex subunit SMARCC1 OS=Mus musculus OX=10090 GN=Smarcc1 PE=1 SV=2	6185,498	5587,566	5055,293	3834,986	5995,222	5448,758	3703,043	3510,638
Q8KQU4	10	2	60,0215	0,402782	1,203027	Heat shock 70 kDa protein 12A OS=Mus musculus OX=10090 GN=Hspa12a PE=1 SV=1	556,3014	552,9999	542,1071	470,8297	509,2675	797,1384	640,9408	576,2168
P29341;A0A2I3BR37;F6ZAX1	85	13	534,5711	0,402851	1,131143	Polyadenylate-binding protein 1 OS=Mus musculus OX=10090 GN=Pabpc1 PE=1 SV=2	33900,03	29057,28	27444,88	23609,21	32703,97	31261,13	29947,21	24132,44
Q6PCM1;A0A0U1RNV6	13	2	73,171	0,403018	1,275131	Lysine-specific demethylase 3A OS=Mus musculus OX=10090 GN=Kdm3a PE=1 SV=1	1005,6	264,4748	646,2104	269,4121	724,3986	437,7227	841,389	783,5399
A0A1L1SSA4;A0A1L1SUF9;D3YVU 3;F7AUV3;Q5DUO5	36	4	186,0522	0,4034	1,381141	Centrosomal protein of 164 kDa OS=Mus musculus OX=10090 GN=Cep164 PE=1 SV=1	1238,928	849,2465	561,079	1255,85	1042,936	653,0379	405,6723	725,8016
Q920A7	14	1	66,8264	0,403931	1,181385	AFG3-like protein 1 OS=Mus musculus OX=10090 GN=Afg3l1 PE=1 SV=2	14626,51	15496,93	14905,92	14685,63	19546	11920,71	9016,146	10622,57
A2A8L1;E9PYL1;E9PYU4	79	15	521,1763	0,40418	1,321258	Chromodomain-helicase-DNA-binding protein 5 OS=Mus musculus OX=10090 GN=Chd5 PE=1 SV=1	3333,691	4405,242	2857,337	2135,223	3442,863	4284,971	1904,212	3251,46
G3X9G4;F8WIV5;G3UY64;G3UZZ 3;P39054;Q3T9X3;Q3TCR7	47	5	301,2487	0,40478	1,103072	Dynamamin GTPase OS=Mus musculus OX=10090 GN=Dnm2 PE=1 SV=1	2555,487	3182,605	3444,959	3033,871	3138,37	2500,07	2688,963	2747,961
O08788;D3YX34;E9Q3M3;E9Q58 6	72	18	472,6317	0,405764	1,088485	Dynactin subunit 1 OS=Mus musculus OX=10090 GN=Dctn1 PE=1 SV=3	21947,29	20569,36	20501,39	18547,99	23484,43	16099,52	18301,31	17424,53
P85094	8	3	48,5958	0,406624	1,161811	Isochorismatase domain-containing protein 2A OS=Mus musculus OX=10090 GN=Isoc2a PE=1 SV=1	2555,489	3339,61	3043,814	3033,303	3626,35	3530,716	3586,075	3166,305

P99026	25	7	183,6425	0,406949	1,117847	Proteasome subunit beta type-4 OS=Mus musculus OX=10090 GN=Psemb4 PE=1 SV=1	14397,93	14185,14	13193,02	12304,62	15657,18	11124,11	12923,38	11247,57
A2AKX2	1	1	4,3207	0,407465	1,264532	Netrin-G2 OS=Mus musculus OX=10090 GN=Ntng2 PE=1 SV=1	1406,9	737,6787	1146,913	828,7705	906,7364	948,8594	734,3865	668,3474
A6X942	6	1	30,4986	0,407544	1,69575	SH2 domain-containing protein 4B OS=Mus musculus OX=10090 GN=Sh2d4b PE=2 SV=1	557,4444	114,5429	79,97525	16,4824	98,7898	366,999	30,95916	213,8226
A0A338P6U4;D6RJ50;Q5XJY4	3	1	11,6756	0,407644	2,184577	Presenilins-associated rhomboid-like protein, mitochondrial OS=Mus musculus OX=10090 GN=Parl PE=1 SV=1	233,5823	162,7991	407,2429	244,3392	161,8965	373,787	1170,198	583,4752
Q91WK2	27	10	213,6615	0,408738	1,171726	Eukaryotic translation initiation factor 3 subunit H OS=Mus musculus OX=10090 GN=Eif3h PE=1 SV=1	13097,35	10122,99	9717,085	8486,28	10600,5	9570,75	7206,934	8215,952
P57722;E9Q7D8;G3UYM5	24	5	186,7969	0,408951	1,12732	Poly(rC)-binding protein 3 OS=Mus musculus OX=10090 GN=Pcbp3 PE=1 SV=3	6557,734	7123,558	7318,034	6719,714	9073,795	6907,803	6372,135	5894,221
G3XA09;O88879	5	1	37,2659	0,409147	3,131067	Apoptotic protease-activating factor 1 OS=Mus musculus OX=10090 GN=Apaf1 PE=1 SV=1	98,93678	397,4639	218,2237	327,5945	131,1453	86,8125	34,71568	80,19026
Q61545;Q5SUS8;Q5SUS9;Q5SUT0	23	6	141,3893	0,409653	7,682639	RNA-binding protein EWS OS=Mus musculus OX=10090 GN=Ewsr1 PE=1 SV=2	510,7829	554,752	460,3279	537,9276	498,7393	593,3931	12009,66	349,4539
Q8K284;A0A0U1RPD8	8	1	27,4648	0,4099	1,271599	General transcription factor 3C polypeptide 1 OS=Mus musculus OX=10090 GN=Gtf3c1 PE=1 SV=2	8454,085	6283,449	4672,471	4496,665	6805,305	4794,518	6517,678	4432,865
Q99KF1;A0A286YDS5	14	3	87,7256	0,410964	1,222016	Transmembrane emp24 domain-containing protein 9 OS=Mus musculus OX=10090 GN=Tmed9 PE=1 SV=2	861,0801	855,6859	700,2658	772,0819	836,6648	1240,172	673,4649	886,1904
P62281;A0A1B0GRR3;A0A1B0GS E8	36	11	188,55	0,411117	1,117272	40S ribosomal protein S11 OS=Mus musculus OX=10090 GN=Rps11 PE=1 SV=3	9369,926	8590,349	7242,703	7631,918	8969,837	6544,125	7824,736	7859,894
Q9Z1Z2	27	7	173,3659	0,411434	1,122533	Serine-threonine kinase receptor-associated protein OS=Mus musculus OX=10090 GN=Strap PE=1 SV=2	6773,284	5536,128	5161,429	4991,387	6265,565	5221,737	4797,764	5023,755
Q9D6J5;E9Q9J5;F6VCY0;Q3V406	1	1	6,3133	0,411612	1,286709	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial OS=Mus musculus OX=10090 GN=Ndufb8 PE=1 SV=1	1399,993	1027,351	1021,181	942,3105	879,2157	1831,029	1397,441	1542,04
Q61739;A0A5F8MPB5;F6VSK8	37	4	180,6095	0,412598	1,378007	Integrin alpha-6 OS=Mus musculus OX=10090 GN=Itga6 PE=1 SV=3	133,6579	147,5075	86,39696	179,7975	72,89763	190,829	199,2407	196,8487
Q8C9B9	24	2	108,2542	0,412723	1,318562	Death-inducer obliterator 1 OS=Mus musculus OX=10090 GN=Dido1 PE=1 SV=4	519,4113	374,5917	265,574	397,7436	294,8611	352,8822	435,1067	286,6305
Q80X41;A0A1Y7VMH3	19	3	81,8004	0,412894	1,949423	Serine/threonine-protein kinase VRK1 OS=Mus musculus OX=10090 GN=Vrk1 PE=1 SV=2	683,9832	647,0234	669,0221	2988,829	648,726	750,8665	743,2371	718,4406
Q9DBR1	56	17	360,8081	0,413006	1,177186	5'-3' exoribonuclease 2 OS=Mus musculus OX=10090 GN=Xrn2 PE=1 SV=1	5870,372	4190,678	4071,614	4768,221	3149,792	5479,652	4321,3	4183,632
Q148R4	3	2	13,57	0,413163	1,875511	Serine peptidase inhibitor, Kazal type 5 OS=Mus musculus OX=10090 GN=Spink5 PE=1 SV=1	8,733658	7,768105	58,74193	149,8766	18,7269	45,70449	33,40007	52,47134
O89001	25	4	143,5234	0,413513	1,266958	Carboxypeptidase D OS=Mus musculus OX=10090 GN=Cpd PE=1 SV=2	930,5894	722,1956	581,719	906,6874	672,0264	1184,504	1046,558	1076,669

Q4VAA2;A0A087WNP6;A0A087WRM0	15	3	70,2634	0,413647	2,084331	Protein CDV3 OS=Mus musculus OX=10090 GN=Cdv3 PE=1 SV=2	111,4658	378,8258	396,7607	991,2229	217,78	169,6583	274,1891	271,5706
Q8C863	11	1	50,4085	0,414148	1,424827	E3 ubiquitin-protein ligase Itchy OS=Mus musculus OX=10090 GN=Itch PE=1 SV=2	4411,91	5336,437	2791,989	2599,808	3662,238	3053,949	4739,072	1842,513
Q8COD4;A0A0A0MQ95;B2RUJ8;S4R203;S4R221;S4R248	7	2	33,8101	0,414373	1,32625	Rho GTPase-activating protein 12 OS=Mus musculus OX=10090 GN=Arhgap12 PE=1 SV=2	75,51316	58,6689	36,14247	96,99786	32,77225	57,11366	48,87064	91,40106
Q8K297	33	12	254,6452	0,414576	1,161564	Procollagen galactosyltransferase 1 OS=Mus musculus OX=10090 GN=Colgalt1 PE=1 SV=2	20816,89	16334,36	12643,95	16342,75	14380,64	16829,97	12672,5	13773,69
Q9CQ43	7	1	52,0385	0,41477	9,758172	Deoxyuridine 5'-triphosphate nucleotidohydrolase OS=Mus musculus OX=10090 GN=Dut PE=1 SV=1	30,19785	24,68579	96,0395	316,3972	37,47278	109,0544	4105,375	308,2899
Q8BPZ8	7	2	27,9438	0,415445	2,201435	BRCA1-A complex subunit Abraxas 1 OS=Mus musculus OX=10090 GN=Abraxas1 PE=1 SV=1	387,4228	632,2423	769,5734	312,5182	491,1097	836,1666	2873,096	426,5082
Q00724;H7BWY6	6	2	35,7771	0,415829	1,467013	Retinol-binding protein 4 OS=Mus musculus OX=10090 GN=Rbp4 PE=1 SV=2	6347,354	4271,275	2811,041	1351,034	3913,29	4042,532	3137,904	5848,523
P70297;A2ARJ0;Q3UGN9	13	2	82,1132	0,416033	1,396834	Signal transducing adapter molecule 1 OS=Mus musculus OX=10090 GN=Stam PE=1 SV=3	1357,347	922,3707	1051,912	952,1353	1026,179	1215,14	2679,609	1062,781
P57787;B1ATM1;B1ATM2	16	4	98,6264	0,416042	1,252231	Monocarboxylate transporter 4 OS=Mus musculus OX=10090 GN=Slc16a3 PE=1 SV=1	5224,609	5406,486	3952,128	4241,715	5300,687	6566,604	2487,246	5618,223
Q08093;D3Z7R6	9	3	64,8822	0,416232	1,444307	Calponin-2 OS=Mus musculus OX=10090 GN=Cnn2 PE=1 SV=1	211,22	308,6079	457,532	540,7617	247,3353	222,8717	148,0935	432,8067
Q02357;A0A0R4J1N7;B7ZW98;D3YT8;D3Z5M4;E9QNT8;G3UY11;G5E8J2;G8JL84;Q0VGY9	9	1	48,2905	0,416297	2,077414	Ankyrin-1 OS=Mus musculus OX=10090 GN=Ank1 PE=1 SV=2	671,7254	419,2099	691,0138	2528,975	663,9957	387,8788	969,3525	528,4006
Q66X05;A0A1Y7VJ74;A0A1Y7VJD8;A0A1Y7VM62;L7N1W9	4	1	19,4327	0,416771	38,19582	NACHT, LRR and PYD domains-containing protein 4F OS=Mus musculus OX=10090 GN=Nlrp4f PE=1 SV=1	1,399295	0	21,24662	5,05363	4,253241	1,119247	405,8291	6,46593
P97379;A0A0J9YTQ8;A0A0J9YUY8	27	9	175,4692	0,416853	1,065164	Ras GTPase-activating protein-binding protein 2 OS=Mus musculus OX=10090 GN=G3bp2 PE=1 SV=2	4160,637	4782,659	4005,223	4186,551	4597,343	4367,645	3964,449	4200,616
Q9EPU0	66	26	501,3892	0,417555	1,11534	Regulator of nonsense transcripts 1 OS=Mus musculus OX=10090 GN=Upf1 PE=1 SV=2	9610,57	9502,566	8049,68	8881,299	10286,43	10549,32	8243,01	9560,756
Q0KL02;A0A2I3BRP6	33	4	172,8695	0,418136	1,120254	Triple functional domain protein OS=Mus musculus OX=10090 GN=Trio PE=1 SV=3	4761,527	3633,792	4055,402	3526,157	3576,484	3655,123	3648,255	4324,922
O70251;A0A087WS46;G3UX43;G3UZ47;M0QWH8;M0QWK5	24	8	193,7513	0,418217	1,262951	Elongation factor 1-beta OS=Mus musculus OX=10090 GN=Eef1b PE=1 SV=5	9204,207	16634,59	20011,73	12976,32	24584,55	18393,7	17798,53	13518,63
Q9D172;A0A1W2P7B6	9	3	49,6729	0,418408	1,469747	Glutamine amidotransferase-like class 1 domain-containing protein 3, mitochondrial OS=Mus musculus OX=10090 GN=Gatd3 PE=1 SV=1	62,4613	110,127	98,38046	140,2888	76,28523	80,04345	208,3582	192,1421
A0A494BBL4	6	1	33,5719	0,418564	1,553763	Ferrochelatase, mitochondrial (Fragment) OS=Mus musculus OX=10090 GN=Fech PE=1 SV=1	183,3892	241,2841	296,7172	403,2826	202,5346	173,5223	113,5067	519,2046

A2AIR9;A2AIR7;A2AIS0;A2AIZ9;O55017	8	2	43,7324	0,418599	1,387459	Voltage-dependent N-type calcium channel subunit alpha OS=Mus musculus OX=10090 GN=Cacna1b PE=1 SV=1	5495,283	229,664	8518,767	3987,855	7172,321	6390,494	7356	4376,734
Q9Z1W8	45	5	259,4069	0,418749	1,178259	Potassium-transporting ATPase alpha chain 2 OS=Mus musculus OX=10090 GN=Atp12a PE=1 SV=3	4245,469	3674,766	4938,268	5900,759	4135,183	3246,739	4077,278	5067,445
Q8BX10;A0A0G2JG95	7	2	45,228	0,419	1,824157	Serine/threonine-protein phosphatase PGAM5, mitochondrial OS=Mus musculus OX=10090 GN=Pgam5 PE=1 SV=1	1279,157	350,0802	631,4334	1347,016	294,1733	379,1495	1020,954	756,725
A0A1W2P7W3	28	3	141,3536	0,419023	1,454269	Protein-tyrosine-phosphatase OS=Mus musculus OX=10090 GN=Ptpnb PE=1 SV=1	2118,938	4948,994	6267,307	2956,931	6330,202	3875,539	3156,121	2420,517
P67984	17	7	114,9543	0,419106	1,131969	60S ribosomal protein L22 OS=Mus musculus OX=10090 GN=Rpl22 PE=1 SV=2	38061,82	31658,19	27068,38	25254,67	36860,66	32610,19	30599,89	30747,92
Q8BHW4	2	1	14,034	0,419468	1,340244	RIKEN cDNA 4933430I17 gene OS=Mus musculus OX=10090 GN=4933430I17Rik PE=2 SV=1	1947,912	1427,662	2001,48	1238,695	1544,071	1479,668	1158,76	1382,873
Q7TSV4	3	1	13,0825	0,419647	1,265428	Phosphoglucomutase-2 OS=Mus musculus OX=10090 GN=Pgm2 PE=1 SV=1	2537,248	2697,795	3299,068	1703,96	3449,348	2998,151	2458,948	1764,282
F8VPQ4;E9QN14;Q812A2	9	1	44,7575	0,419834	1,716969	SLIT-ROBO Rho GTPase-activating protein 3 OS=Mus musculus OX=10090 GN=Srgap3 PE=1 SV=1	30,86123	44,63034	114,9103	170,3009	187,0729	65,07832	160,9597	206,2046
G5E8V8;Q9JIT9	11	3	60,5173	0,420047	2,302054	Phosphorylated adapter RNA export protein OS=Mus musculus OX=10090 GN=Phax PE=1 SV=1	566,7622	430,4657	443,3246	135,8595	415,7167	363,0445	2199,314	400,1764
A0A571BE77	6	1	32,996	0,420514	1,735608	A-kinase anchor protein 9 (Fragment) OS=Mus musculus OX=10090 GN=Akap9 PE=1 SV=1	863,4138	2182,562	544,4189	1442,472	980,0561	657,8998	1632,465	646,8819
Q8R1A4;A0A0U1RNK7;A0A0U1RNY4;A2A9M4;A2A9M5;E9PX48	19	2	95,0103	0,420575	1,357053	Dedicator of cytokinesis protein 7 OS=Mus musculus OX=10090 GN=Dock7 PE=1 SV=3	1537,736	647,018	1019,26	815,5352	1017,377	559,0645	544,0408	841,4864
Q8BU30;E9Q866;F6Q6R1	70	12	488,0912	0,420726	1,105782	Isoleucine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=lars1 PE=1 SV=2	9170,229	8182,389	7430,296	6979,568	7928,738	7739,9	5981,345	7074,016
P52432;D3Z3D6;D3Z7Q8;G3UX92;G3UXX5	5	2	31,9978	0,420972	1,125506	DNA-directed RNA polymerases I and III subunit RPAC1 OS=Mus musculus OX=10090 GN=Polr1c PE=1 SV=3	4312,479	3355,751	2747,508	3511,626	3603,26	3728,893	3381,863	3172,699
P22437	17	5	93,2614	0,421082	1,22832	Prostaglandin G/H synthase 1 OS=Mus musculus OX=10090 GN=Ptgs1 PE=1 SV=1	1827,982	1888,853	1538,662	1681,955	560,9776	2251,24	1554,887	1334,953
A0A0N4SVQ1;Q62425	14	8	96,1449	0,421121	1,150652	Cytochrome c oxidase subunit NDUF44 OS=Mus musculus OX=10090 GN=Ndufa4 PE=1 SV=1	20620,57	15937,9	14042,41	15917,25	20093,29	22372,33	14409,13	19555,82
Q91VR5;A0A1Y7VM48	44	18	321,0841	0,422656	1,107429	ATP-dependent RNA helicase DDX1 OS=Mus musculus OX=10090 GN=Ddx1 PE=1 SV=1	6801,419	9430,023	8703,55	7958,778	9128,97	7623,978	7606,466	7439,811
P70403;H3BJ26;H3BJN3;H3BKTO;H3BLJ7	15	1	77,3533	0,423029	1,251634	Protein CASP OS=Mus musculus OX=10090 GN=Cux1 PE=1 SV=2	4238,871	2920,707	3898,902	3865,319	3689,861	3200,416	1730,876	3302,304
B2RQC6;E9QAI5;E9QAT6;G3UWN2	102	25	632,2594	0,423633	1,135928	CAD protein OS=Mus musculus OX=10090 GN=Cad PE=1 SV=1	18328,29	16453,25	14278,06	13124,52	17526,32	15186,27	12535,17	13998,68



Q8C7R4;D3Z061	17	1	112,5056	0,423725	1,485982	Ubiquitin-like modifier-activating enzyme 6 OS=Mus musculus OX=10090 GN=Uba6 PE=1 SV=1	1241,5	2032,444	934,9278	672,383	1051,832	867,1351	826,0353	539,8659
Q6NV52;D3Z1Y4;F6TNB3;F7AGT6 ;Q99LH8;Q9JJ11	11	2	60,2722	0,424258	1,161684	Transforming acidic coiled-coil-containing protein 3 OS=Mus musculus OX=10090 GN=Tacc3 PE=1 SV=1	1078,505	1517,864	1488,664	1753,807	1203,366	1269,271	1305,438	1292,69
P08103;F6UND7	11	1	61,1712	0,424259	1,306825	Tyrosine-protein kinase HCK OS=Mus musculus OX=10090 GN=Hck PE=1 SV=4	393,409	535,5497	676,2199	781,9514	335,4712	474,3072	495,4914	831,3478
Q8C3X8	11	3	78,2366	0,424722	1,196153	Lipase maturation factor 2 OS=Mus musculus OX=10090 GN=Lmf2 PE=1 SV=1	13383,54	11493,71	7730,919	9535,61	9562,221	10483,81	8148,976	9058,986
Q9CQI7;A2CES4	15	4	97,0218	0,425177	9,267277	U2 small nuclear ribonucleoprotein B'' OS=Mus musculus OX=10090 GN=Snrpb2 PE=1 SV=1	834,0481	649,3551	824,1722	988,9312	710,2201	781,5926	27995,02	1062,811
Q9D6J4	5	2	31,6371	0,425277	1,132448	N-terminal EF-hand calcium-binding protein 3 OS=Mus musculus OX=10090 GN=Necab3 PE=2 SV=2	1268,573	1286,212	921,6405	1256,823	1254,721	1552,059	1250,139	1303,24
Q8K2T8	5	1	30,3803	0,425285	1,46468	RNA polymerase II-associated factor 1 homolog OS=Mus musculus OX=10090 GN=Paf1 PE=1 SV=1	652,9672	1316,668	801,2728	442,7223	739,3395	859,9759	28,45026	566,3182
Q9WV80;Q6NZD2	26	4	159,8572	0,425417	1,125427	Sorting nexin-1 OS=Mus musculus OX=10090 GN=Snx1 PE=1 SV=1	4094,654	3663,65	4809,808	3808,729	4730,54	3733,258	4886,139	3870,218
O35134	15	2	70,7397	0,425545	4,505003	DNA-directed RNA polymerase I subunit RPA1 OS=Mus musculus OX=10090 GN=Polr1a PE=1 SV=2	38,05517	15,50145	43,2738	85,71151	48,31918	41,75174	682,8836	49,39738
Q8C129	16	3	102,7888	0,425902	1,141196	Leucyl-cystinyl aminopeptidase OS=Mus musculus OX=10090 GN=Lnppe PE=1 SV=1	2026,626	2148,62	1953,901	1981,008	2379,245	2165,558	1356,542	1900,479
Q9WTX6;D3Z2H3;Q3TPM3	19	1	103,9349	0,426038	1,132596	Cullin-1 OS=Mus musculus OX=10090 GN=Cul1 PE=1 SV=1	1392,17	1132,49	1170,104	923,0747	1346,019	1064,301	1213,705	1033,901
P83870	5	1	31,6777	0,426179	1,25287	PHD finger-like domain-containing protein 5A OS=Mus musculus OX=10090 GN=Phf5a PE=1 SV=1	14734,25	12982,76	12365,08	10801,79	14204,93	11617,65	4058,034	10733,25
Q91YE6;E0CXB2;E0CY46;E9QKZ2; F6UT58	20	4	156,9653	0,426204	1,100143	Importin-9 OS=Mus musculus OX=10090 GN=Ipo9 PE=1 SV=3	5866,185	5158,023	4534,564	4507,933	4026,291	5189,127	4516,456	4508,22
P50247;A2ALT5	43	20	294,6272	0,426229	1,120752	Adenosylhomocysteinase OS=Mus musculus OX=10090 GN=Ahcy PE=1 SV=3	18586,61	16826,67	17070,35	13982,92	20302,28	14335,11	15319,87	14935,8
Q3U9G9;A0A0A6YY12	24	10	150,2654	0,426343	1,374403	Delta(14)-sterol reductase LBR OS=Mus musculus OX=10090 GN=Lbr PE=1 SV=2	5292,176	3431,847	1736,948	2665,684	3760,585	3990,459	2510,109	4084,388
O88986;A0A2R8VHE4;E9PWY6	9	1	54,6643	0,426577	1,376973	2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial OS=Mus musculus OX=10090 GN=Gcat PE=1 SV=2	371,4466	767,6698	409,4805	745,4499	0	860,8332	494,0959	560,3538
Q6NVF9;H3BJ30;H3BJW3;H3BKW O;H3BLM9	27	8	181,6948	0,427225	1,295321	Cleavage and polyadenylation specificity factor subunit 6 OS=Mus musculus OX=10090 GN=Cpsf6 PE=1 SV=1	4762,946	4270,695	4008,999	2327,95	4202,818	3732,946	1577,618	2352,858
Q9JKB3;A0A0A0MQD2;B2RUFO	23	2	134,2139	0,427273	1,268675	Y-box-binding protein 3 OS=Mus musculus OX=10090 GN=Ybx3 PE=1 SV=2	4066,851	4688,658	4526,317	4899,877	5040,943	4810,426	1574,13	5284,456

O55222	22	6	142,7942	0,427276	1,304347	Integrin-linked protein kinase OS=Mus musculus OX=10090 GN=Ilk PE=1 SV=2	2525,44	5565,69	5951,846	3723,228	3880,147	3489,22	3431,129	2820,267
Q8BIZ1;S4R286	12	2	57,863	0,427698	1,147619	Ankyrin repeat and sterile alpha motif domain-containing protein 1B OS=Mus musculus OX=10090 GN=Anks1b PE=1 SV=3	5422,539	4522,674	3862,297	3331,01	4175,252	3691,03	3654,397	3413,306
A0A1B0GRP7;A0A1B0GSP5;Q9Z2Y8	6	1	42,2738	0,427906	1,160677	Pyridoxal phosphate homeostasis protein (Fragment) OS=Mus musculus OX=10090 GN=Plpbp PE=1 SV=1	5225,789	5093,54	3159,943	3258,615	4391,323	4990,804	4883,613	4593,862
P35279;D3YV69;O35963;Q8BHDO	28	1	194,0104	0,427916	1,107372	Ras-related protein Rab-6A OS=Mus musculus OX=10090 GN=Rab6a PE=1 SV=4	4614,568	5924,071	4585,308	5073,043	5468,603	6013,087	4890,298	5193,464
P57716	19	4	92,8979	0,428473	1,167365	Nicastrin OS=Mus musculus OX=10090 GN=Ncstn PE=1 SV=3	1848,81	1349,982	1256,181	1212,661	1475,186	2025,106	1393,623	1459,151
P53811;Q8JZZ5	9	1	48,2772	0,428639	1,315688	Phosphatidylinositol transfer protein beta isoform OS=Mus musculus OX=10090 GN=Pitpnb PE=1 SV=2	2294,805	1785,945	1206,524	2126,692	1296,886	2266,603	1925,089	2670,402
Q9Z1D1	27	3	166,2511	0,429048	1,460175	Eukaryotic translation initiation factor 3 subunit G OS=Mus musculus OX=10090 GN=Eif3g PE=1 SV=2	1150,551	1016,08	1327,405	913,991	1405,063	1200,049	27,00275	1588,1
Q5RIM6;E9Q2B2;Q60974	16	1	69,3893	0,429192	1,588461	Nuclear receptor corepressor 1 OS=Mus musculus OX=10090 GN=Ncor1 PE=1 SV=1	2538,097	3211,166	1905,235	1778,771	2757,357	2485,746	7264,622	1918,938
Q6P2B1;F6TDZ2	26	6	142,3034	0,429479	1,208749	Transportin-3 OS=Mus musculus OX=10090 GN=Tnp3 PE=1 SV=1	4348,833	3532,108	3655,398	2324,113	3613,419	3924,559	2036,114	3487,664
Q9JKB1;A0A2I3BQ39;P58321	17	4	129,9689	0,429645	1,120275	Ubiquitin carboxyl-terminal hydrolase isozyme L3 OS=Mus musculus OX=10090 GN=Uchl3 PE=1 SV=2	1121,383	1121,318	1123,379	863,6288	1247,988	1266,044	1074,469	970,8554
Q8R050;F7CE88	39	9	228,9726	0,430013	1,114735	Eukaryotic peptide chain release factor GTP-binding subunit ERF3A OS=Mus musculus OX=10090 GN=Gsp1 PE=1 SV=2	5787,441	5356,609	5378,372	4890,325	6350,99	4556,471	4172,616	4128,746
O35085	13	3	77,6445	0,430082	1,133302	Homeobox protein ARX OS=Mus musculus OX=10090 GN=Arx PE=1 SV=3	2533,745	2386,405	2556,025	2355,559	2552,324	2011,544	2830,67	2835,624
Q9CPR4;Q6ZWZ7	30	9	156,2231	0,430231	1,307046	60S ribosomal protein L17 OS=Mus musculus OX=10090 GN=Rpl17 PE=1 SV=3	484,6234	471,1481	744,9115	646,1689	391,2931	471,8441	331,5262	784,312
A2ALU4;A7TU71	7	1	28,8346	0,430349	1,531033	Protein Shroom2 OS=Mus musculus OX=10090 GN=Shroom2 PE=1 SV=1	277,7022	2193,527	1461,648	2090,328	1777,77	2317,459	1842,584	1825,603
Q9D4F8;Q8BKL6;Q8BYN2	3	1	12,7212	0,430897	3629,515	Gamma-tubulin complex component 4 OS=Mus musculus OX=10090 GN=Tubgcp4 PE=1 SV=2	0	94,22558	3,284042	106,5658	0	4,101128	25104,3	2,155446
Q8BY71;A2ATU9	17	5	99,4796	0,431733	1,259279	Histone acetyltransferase type B catalytic subunit OS=Mus musculus OX=10090 GN=Hat1 PE=1 SV=1	1054,844	1180,557	1228,241	1862,069	1760,092	1365,517	1280,63	2242,019
O35682;A0A0N4SW94	3	1	25,7401	0,431958	1,199854	Myeloid-associated differentiation marker OS=Mus musculus OX=10090 GN=Myadm PE=1 SV=2	2530,993	2261,178	1089,812	1708,648	2059,963	2737,735	2227,866	2082,083
L7N209	7	1	43,5679	0,432321	1,519499	HBS1-like protein OS=Mus musculus OX=10090 GN=Hbs1l PE=1 SV=1	170,0314	252,0889	143,1988	15,66001	191,451	343,3131	172,2269	58,35276

A2ABU4	6	1	28,129	0,432496	43,47175	Myomesin-3 OS=Mus musculus OX=10090 GN=Myom3 PE=1 SV=1	4,975339	21,10808	0	21,46889	30,31883	0,803455	1966,301	69,75888
Q922J3;D3Z2Z1;D3Z3M7;F6RCU2;F8WIA1;Q8C055	19	3	111,3745	0,432516	1,185353	CAP-Gly domain-containing linker protein 1 OS=Mus musculus OX=10090 GN=Clip1 PE=1 SV=1	3076,79	2355,84	2277,367	1662,416	2936,226	3151,384	2083,613	2938,395
A0A1L1SSC7;A0A338P6N2;D3YVV0;E9Q723;Q3UMK4	23	4	120,4385	0,432901	1,17279	Tetratricopeptide repeat domain 13 OS=Mus musculus OX=10090 GN=Ttc13 PE=1 SV=1	792,0622	881,3715	719,5287	530,9612	611,4914	703,3207	697,9058	623,9409
O88844;A0A087WPT4;A0A087WRS9;D3YVY3	16	4	98,2078	0,433331	1,273438	Isocitrate dehydrogenase [NADP] cytoplasmic OS=Mus musculus OX=10090 GN=Idh1 PE=1 SV=2	2301,422	1946,889	2113,767	1179,031	1769,867	1552,58	1290,328	1309,077
P53986	10	3	70,8169	0,433576	1,438743	Monocarboxylate transporter 1 OS=Mus musculus OX=10090 GN=Slc16a1 PE=1 SV=1	10029,24	4897,578	5226,993	4142,046	4852,572	5924,247	717,8067	5392,233
Q9CW46;A0A1L1SR4	15	3	92,5011	0,433935	1,093931	Ribonucleoprotein PTB-binding 1 OS=Mus musculus OX=10090 GN=Raver1 PE=1 SV=2	900,5963	1032,361	883,0273	938,2098	757,8434	1042,968	812,8053	846,4474
Q5SYD0	8	2	38,0803	0,43467	1,34944	Unconventional myosin-Id OS=Mus musculus OX=10090 GN=Myo1d PE=1 SV=1	252,4001	252,1697	304,0003	372,5846	218,8428	352,3709	444,9169	577,7665
P14733	78	16	574,1235	0,434701	1,216622	Lamin-B1 OS=Mus musculus OX=10090 GN=Lmbn1 PE=1 SV=3	8100,535	11311,44	7350,117	8026,885	7301,145	12525,33	5713,76	10870,07
P52480;A0A1L1SQV8;A0A1L1SSN6;A0A1L1ST52;A0A1L1STV8;A0A1L1SU37;A0A1L1SUV0;A0A1L1SVH2	116	53	682,1738	0,434756	1,114083	Pyruvate kinase PKM OS=Mus musculus OX=10090 GN=Pkm PE=1 SV=4	49878,46	48397,62	50819,16	42341,8	56143,1	35197,28	40148,91	41921,77
Q3U821	25	2	169,8747	0,435137	2,573053	WD repeat-containing protein 75 OS=Mus musculus OX=10090 GN=Wdr75 PE=1 SV=1	18,9175	73,43411	163,4539	38,22959	199,4259	69,94469	120,465	24,93871
P28659;A0A0R4J0T5	5	2	26,0776	0,435271	1,142888	CUGBP Elav-like family member 1 OS=Mus musculus OX=10090 GN=Celf1 PE=1 SV=2	7660,206	7011,769	5266,193	5880,738	6711,819	6568,279	5432,421	5275,464
D3Z2J6;D3YYX0;Q9D710	2	1	17,0446	0,435318	1,311089	Thioredoxin domain-containing protein 14 OS=Mus musculus OX=10090 GN=Tmx2 PE=1 SV=1	1626,727	1251,85	787,0519	742,493	10,30612	1466,005	1260,971	624,9008
P08228	25	9	117,6166	0,435359	1,091062	Superoxide dismutase [Cu-Zn] OS=Mus musculus OX=10090 GN=Sod1 PE=1 SV=2	8159,045	7804,256	8313,28	6970,255	9298,872	8247,112	7491,796	7383,573
Q8R5K4	12	3	71,1787	0,435979	1,185175	Nucleolar protein 6 OS=Mus musculus OX=10090 GN=Nol6 PE=2 SV=2	1208,954	872,8736	826,7265	649,531	955,4387	1021,643	1370,209	869,6627
P17879;Q61696	55	1	342,8886	0,435994	1,274798	Heat shock 70 kDa protein 1B OS=Mus musculus OX=10090 GN=Hspa1b PE=1 SV=3	3741,035	3268,438	3653,1	2802,596	4186,437	2445,794	703,9845	3226,373
P16627	67	3	389,8002	0,435994	1,274798	Heat shock 70 kDa protein 1-like OS=Mus musculus OX=10090 GN=Hspa1l PE=1 SV=4	3418,193	2986,38	3337,847	2560,739	3825,158	2234,729	643,2325	2947,945
Q9WVA3;A0A140LHA2;A0A140LI47;A0A140LIM5;A0A140LIJ21	12	2	98,3055	0,436262	1,266099	Mitotic checkpoint protein BUB3 OS=Mus musculus OX=10090 GN=Bub3 PE=1 SV=2	53,81092	127,5281	96,91822	149,3877	112,4153	165,1408	125,1074	138,7776
Q9R1T2	27	5	174,8888	0,436544	1,301633	SUMO-activating enzyme subunit 1 OS=Mus musculus OX=10090 GN=Sae1 PE=1 SV=1	11442,51	13051,85	6853,761	6633,645	7691,866	10132,31	7334,605	5760,14
Q91ZV0;A0A1W2P711;E9PY90;E9Q3S2;H3BJ71;H3BJI6;H3BJS0;H3BJS5;H3BK44;H3BK48;H3BKH2;H3BKL6;H3BL19	53	8	276,1443	0,436587	1,186433	Melanoma inhibitory activity protein 2 OS=Mus musculus OX=10090 GN=Mia2 PE=1 SV=3	1918,855	1828,783	1440,642	1434,429	2138,405	1056,474	1264,773	1327,535

Q66LM6	1	1	4,2612	0,436782	1,733389	Protein FAM170A OS=Mus musculus OX=10090 GN=Fam170a PE=1 SV=1	6,969269	127,3598	154,2016	320,3278	96,01897	403,7992	257,1051	298,465
P61327;A0A023T778;G3UZW7;Q9CQL1	6	3	83,0459	0,43692	1,142269	Protein mago nashi homolog OS=Mus musculus OX=10090 GN=Magoh PE=2 SV=1	8855,652	8343,858	7245,399	6756,529	8337,104	9072,666	11049,94	7180,729
P59325;A0A1Y7VJG2;A0A1Y7VKT5;A0A1Y7VNP4;Q8BVV6	23	6	151,0873	0,437176	1,209572	Eukaryotic translation initiation factor 5 OS=Mus musculus OX=10090 GN=Eif5 PE=1 SV=1	10104,64	10687,51	9856,322	7987,164	8035,535	10447,05	8235,606	7255,45
Q91VC3;A2AFK7	52	1	349,6116	0,437317	1,141137	Eukaryotic initiation factor 4A-III OS=Mus musculus OX=10090 GN=Eif4a3 PE=1 SV=3	2332,966	2393,759	1711,629	2045,525	2427,684	1890,313	2487,233	1988,361
Q5S006;Z4YMV4	22	4	102,9923	0,437912	1,287105	Leucine-rich repeat serine/threonine-protein kinase 2 OS=Mus musculus OX=10090 GN=Lrrk2 PE=1 SV=2	824,4767	897,4091	1263,55	627,5715	1178,475	973,1792	1030,984	998,4678
Q8CCF0	12	3	57,6029	0,437998	1,395094	U4/U6 small nuclear ribonucleoprotein Prp31 OS=Mus musculus OX=10090 GN=Prpf31 PE=1 SV=3	1350,535	1247,892	955,1414	602,6461	1492,886	871,0971	923,0027	577,6029
Q6P5H2	86	19	495,647	0,438055	1,928894	Nestin OS=Mus musculus OX=10090 GN=Nes PE=1 SV=1	6712,803	5076,44	5240,961	3050,915	5793,394	4327,459	21557,17	4575,973
Q9JIG8	5	1	46,48	0,438265	2,313258	PRA1 family protein 2 OS=Mus musculus OX=10090 GN=Prpf2 PE=1 SV=1	110,152	157,726	139,7921	61,6431	702,4214	142,5839	139,534	101,1031
Q9CY58;A0A0N4SUN8;A0A0N4SUQ1;A0A0N4SV32;A0A0N4SWH2;Q3UMP4	39	13	315,9799	0,438563	1,139172	Plasminogen activator inhibitor 1 RNA-binding protein OS=Mus musculus OX=10090 GN=Serbp1 PE=1 SV=2	9674,995	7278,434	8808,613	6479,301	8375,995	5997,589	7181,154	6747,708
Q80WJ6;D6RGU5	16	4	81,9459	0,43858	1,205075	ATP-binding cassette sub-family C member 12 OS=Mus musculus OX=10090 GN=Abcc12 PE=1 SV=1	4242,352	3121,83	5196,076	4694,499	5001,154	4078,224	5416,392	6142,911
P62245;D3YVB4;D3Z712;F8WJ41	27	12	177,1498	0,438929	1,086493	40S ribosomal protein S15a OS=Mus musculus OX=10090 GN=Rps15a PE=1 SV=2	37742,61	35480,28	27580,86	34739,97	37709,16	34006,06	35800,79	37044,38
Q91VA7;V9GXV0	39	1	290,1411	0,439168	1,284167	Isocitrate dehydrogenase [NAD] subunit, mitochondrial OS=Mus musculus OX=10090 GN=Idh3b PE=1 SV=1	3090,738	2569,068	1516,101	2940,296	2111,369	1859,85	2047,413	1859,004
Q8C7V3	9	4	62,0112	0,439481	1,289645	U3 small nucleolar RNA-associated protein 15 homolog OS=Mus musculus OX=10090 GN=Utp15 PE=1 SV=1	1546,323	1450,405	1255,053	1640,817	1152,467	1868,231	2914,296	1664,364
Q9CZS1;G3UYH1	33	11	233,3773	0,439514	1,205529	Aldehyde dehydrogenase X, mitochondrial OS=Mus musculus OX=10090 GN=Aldh1b1 PE=1 SV=1	7379,936	6850,868	4610,351	7132,189	2416,682	7614,793	5218,024	6296,271
A0A087WNU5;A0A087WRU2;G3X971;S4R162;S4R187;S4R1X7;S4R2C1	80	5	400,5814	0,439795	1,167905	Ankyrin-3 (Fragment) OS=Mus musculus OX=10090 GN=Ank3 PE=1 SV=1	1647,35	1176,008	955,2464	1258,089	1109,577	1351,55	1156,312	1296,441
Q9D945;A0A1W2P865	8	1	58,895	0,44007	36,92175	Protein LLP homolog OS=Mus musculus OX=10090 GN=Llph PE=1 SV=1	11,79891	33,23375	37,51352	22,98403	3805,721	35,02524	38,33639	17,27642
O08749	28	11	210,7363	0,440449	1,086597	Dihydrolipoyl dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Dld PE=1 SV=2	34276,67	30438,1	27147,14	29704,45	31936,04	37285,16	30554,61	32317,82
Q64152	18	12	166,7062	0,440456	1,137659	Transcription factor BTF3 OS=Mus musculus OX=10090 GN=Btf3 PE=1 SV=3	18945,28	20365,3	24046,58	17084,85	21685,89	16078,54	17089,18	15854,74

Q8JZR6	3	1	13,6883	0,440625	4,717214	Electroneutral sodium bicarbonate exchanger 1 OS=Mus musculus OX=10090 GN=Slc4a8 PE=2 SV=1	30,88656	56,90926	3,473341	12,56811	65,36114	287,659	124,2397	3,954248
Q9CQN1	67	21	455,3631	0,440787	1,130758	Heat shock protein 75 kDa, mitochondrial OS=Mus musculus OX=10090 GN=Trap1 PE=1 SV=1	137917,4	108737,1	95310,06	103808,4	121974,4	133633,4	133737,1	114716,3
Q9CZ13;A0A0A6YW82;A0A0A6YWX6	48	14	307,0808	0,440792	1,211273	Cytochrome b-c1 complex subunit 1, mitochondrial OS=Mus musculus OX=10090 GN=Uqcrc1 PE=1 SV=2	25688,04	17824,23	12962,97	17086,1	16546,06	24227,12	18062,57	19894,99
P70441	16	5	101,0566	0,44081	1,171772	Na(+)/H(+) exchange regulatory cofactor NHE- RF1 OS=Mus musculus OX=10090 GN=Slc9a3r1 PE=1 SV=3	5800,563	5449,858	3732,873	4417,626	4888,744	4259,59	4289,186	3119,392
Q9D1C9	4	1	31,014	0,44085	1,218926	Ribosomal RNA-processing protein 7 homolog A OS=Mus musculus OX=10090 GN=Rrp7a PE=2 SV=1	32578,84	23705,45	29644,98	16886,46	24485,97	23305,36	23983,16	17180,26
E9PX53;E0CXK8;E9QPR5;F6V294;Q8K2V1	6	1	30,5777	0,441338	1,880441	Serine/threonine-protein phosphatase 4 regulatory subunit 1 OS=Mus musculus OX=10090 GN=Ppp4r1 PE=1 SV=1	44,72351	689,6327	1188,633	759,1131	0	465,5774	543,0388	442,1943
Q6P9R2	7	2	43,8855	0,441615	1,181461	Serine/threonine-protein kinase OSR1 OS=Mus musculus OX=10090 GN=Oxsr1 PE=1 SV=1	7179,764	5238,207	4148,967	4703,272	5778,556	6117,247	4816,907	4784,025
P12265;Q99KJ6	14	4	82,3149	0,441675	1,75245	Beta-glucuronidase OS=Mus musculus OX=10090 GN=Gusb PE=1 SV=2	36,91634	71,6107	182,3364	170,6863	58,61988	133,8104	156,9773	263,6184
O35737;Q8C2Q7	68	8	298,1158	0,441732	1,127369	Heterogeneous nuclear ribonucleoprotein H OS=Mus musculus OX=10090 GN=Hnrnp1 PE=1 SV=3	36534,87	39813,32	25714,62	32148,15	31465,38	43220,45	27921,44	33603,88
Q8C0C7;D6RIJ2;E9PWY9	27	6	168,8187	0,442099	1,156241	Phenylalanine--tRNA ligase alpha subunit OS=Mus musculus OX=10090 GN=Farsa PE=1 SV=1	1643,749	1288,062	1375,25	1488,135	1461,07	1201,395	1907,986	1557,597
Q8JZS0;Q3TUM0	6	1	20,3939	0,442248	1,405121	Protein lin-7 homolog A OS=Mus musculus OX=10090 GN=Lin7a PE=1 SV=2	100,4018	439,8898	296,5417	631,3396	295,38	521,9192	443,5665	465,7577
A0A5F8MPU3	14	2	70,1495	0,442544	1,231878	C2 calcium-dependent domain-containing 6 OS=Mus musculus OX=10090 GN=C2cd6 PE=4 SV=1	1228,271	926,688	1293,797	810,831	1260,693	637,2051	969,0022	843,8636
Q70IV5;A0A140LJ61;A0A140LJ79 P06745;A0A0U1RP97;A0A0U1RQ 18;A0A0U1RQ72	16	1	75,8562	0,442582	1,196383	Synemin OS=Mus musculus OX=10090 GN=Synm PE=1 SV=2	2156,58	2761,643	3661,527	2365,462	2335,82	1904,951	2247,326	2660,49
P60867	54	22	364,0767	0,444336	1,182987	Glucose-6-phosphate isomerase OS=Mus musculus OX=10090 GN=Gpi PE=1 SV=4	23880,73	31782,87	37857,2	24707,88	36050,57	23547,78	26919,32	23870,57
A0A5F8MPE1	15	8	81,2678	0,44466	1,269681	40S ribosomal protein S20 OS=Mus musculus OX=10090 GN=Rps20 PE=1 SV=1	27880,99	25242,86	25893,64	18320,68	28082,49	20067,33	6725,295	21788,36
Q60737;A2ANR6;P30275;Q6NSS6	56	1	353,0644	0,445966	1,176849	Band 4.1-like protein 3 OS=Mus musculus OX=10090 GN=Epb41i3 PE=1 SV=1	2369,675	1871,128	1309,216	1514,806	2152,004	2173,205	2380,498	1608,524
	35	10	231,6152	0,446085	1,117518	Casein kinase II subunit alpha OS=Mus musculus OX=10090 GN=Csnk2a1 PE=1 SV=2	30674,84	30391,51	24271,51	30252,1	25343,9	31694,61	26094,88	23662,61

Q9D2G2	38	14	261,604	0,446413	1,201089	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial OS=Mus musculus OX=10090 GN=Dlst PE=1 SV=1	28843,64	24609,6	20046,09	24613,47	19956,6	35170,82	26258,37	27458,11
Q8BL43	2	1	12,8741	0,446727	1,240135	Ras association domain-containing protein 10 OS=Mus musculus OX=10090 GN=Rassf10 PE=1 SV=2	5868,392	5783,964	5216,36	3751,206	6413,582	4344,654	3522,727	3336,603
E9Q3R9;E9Q444;G3X9A3	13	4	80,7362	0,447131	1,1908	Zinc finger and BTB domain-containing 21 OS=Mus musculus OX=10090 GN=Zbtb21 PE=1 SV=1	10244,26	8517,543	8094,529	7494,873	9105,145	9087,189	6408,565	7536,012
Q91Y97	16	1	115,6572	0,447577	1,802661	Fructose-bisphosphate aldolase B OS=Mus musculus OX=10090 GN=Aldob PE=1 SV=3	44,65016	0	179,6712	22,36291	155,4472	24,59134	0	115,5004
Q91VW3;I7HPY0	7	1	48,2086	0,44966	20,50829	SH3 domain-binding glutamic acid-rich-like protein 3 OS=Mus musculus OX=10090 GN=Sh3bgrl3 PE=1 SV=1	1,20539	2,809429	14,80621	240,8781	7,735722	3,302126	15,18815	1,70575
P62315	8	5	45,0325	0,449704	1,155271	Small nuclear ribonucleoprotein Sm D1 OS=Mus musculus OX=10090 GN=Snrpd1 PE=1 SV=1	15983,32	15459,84	12682,45	13493,29	15921,01	14996,69	12389,79	12053,35
P21300	4	2	18,6114	0,450438	1,378693	Aldo-keto reductase family 1 member B7 OS=Mus musculus OX=10090 GN=Akr1b7 PE=1 SV=4	474,2256	131,5955	201,932	232,9689	339,4187	376,1824	197,5242	395,2127
Q9WVJ2;E9PY93;E9Q5I9;F6PXS6;F6ZQQ3	34	6	234,265	0,451261	1,09783	26S proteasome non-ATPase regulatory subunit 13 OS=Mus musculus OX=10090 GN=Psm13 PE=1 SV=1	2515,461	2601,387	2428,679	2081,454	2863,11	2533,709	2271,642	2184,013
O70340	1	1	4,4202	0,453149	1,277942	Neuronal pentraxin-2 OS=Mus musculus OX=10090 GN=Nptx2 PE=2 SV=1	1323,039	1116,058	1050,639	628,0744	1153,134	1152,949	1871,059	1085,179
Q9JI57;A0A0J9YTX7;A0A0J9YUI9;A0A0J9YUX8;Q6PD35;Q80ZG9	25	6	126,6752	0,453792	1,078899	General transcription factor II-I repeat domain-containing protein 1 OS=Mus musculus OX=10090 GN=Gtf2ird1 PE=2 SV=2	4742,015	4225,333	4198,585	3688,589	4674,413	4156,619	3849,529	4129,99
Q60902;A0A1D5RLS1	37	5	210,6667	0,454229	1,339593	Epidermal growth factor receptor substrate 15-like 1 OS=Mus musculus OX=10090 GN=Eps15l1 PE=1 SV=3	717,1499	721,3932	633,1584	502,9409	534,7371	691,4034	1359,931	694,722
Q9CR57;A0A1L1SUF6	24	8	142,83	0,4545	1,160903	60S ribosomal protein L14 OS=Mus musculus OX=10090 GN=Rpl14 PE=1 SV=3	11381,23	10392,3	11215,26	17149,83	12352,98	11063,82	11142,08	10053,27
A0A1L1SSL9;E9QPK4;Q9JKK8	78	10	466,7411	0,454513	1,162	Serine/threonine-protein kinase ATR OS=Mus musculus OX=10090 GN=Atr PE=1 SV=1	5520,224	4476,501	5463,378	4141,198	5181,799	5047,288	4973,517	3264,843
O88935	25	4	153,6425	0,454814	2,142201	Synapsin-1 OS=Mus musculus OX=10090 GN=Syn1 PE=1 SV=2	983,5795	2413,906	3358,728	1538,65	1109,23	6508,816	1200,85	2725,568
Q8CD76	13	1	79,3566	0,454867	1,244857	Kinesin light chain OS=Mus musculus OX=10090 GN=Klc1 PE=1 SV=1	6956,769	5907,946	8377,836	3539,153	10481,63	5186,202	8165,858	7015,985
Q9D0R2;A0A2I3BPK8	50	7	293,5545	0,455481	1,212464	Threonine--tRNA ligase 1, cytoplasmic OS=Mus musculus OX=10090 GN=Tars1 PE=1 SV=2	654,4902	1474,282	1236,988	695,9226	956,209	857,8255	1308,255	891,5803

Q9Z2I0	53	15	348,1779	0,455971	1,20973	Mitochondrial proton/calcium exchanger protein OS=Mus musculus OX=10090 GN=Letm1 PE=1 SV=1	4455,215	4569,434	2524,728	4375,941	3717,877	5372,71	3798,707	3960,046
Q8C167	6	1	20,2622	0,456058	2,139502	Prolyl endopeptidase-like OS=Mus musculus OX=10090 GN=Prepl PE=1 SV=1	0,628512	24,04485	129,3315	90,00358	97,49385	17,42512	289,8403	117,2971
E9PWG6	16	5	91,348	0,456271	1,261214	Non-SMC condensin I complex, subunit G OS=Mus musculus OX=10090 GN=Ncapg PE=1 SV=1	18366,1	15027,31	16186,43	10988,58	19921,51	12963,83	2158,243	13730,36
Q8BG14;G3UYL7	3	1	13,5255	0,45657	1,46076	Protein FAM13A OS=Mus musculus OX=10090 GN=Fam13a PE=1 SV=1	108,343	57,78553	69,2175	71,49662	22,70688	31,95881	88,41856	132,079
Q4VA61;E9QPR7	19	1	98,6226	0,456627	1,142529	Down syndrome cell adhesion molecule-like protein 1 homolog OS=Mus musculus OX=10090 GN=Dscam1 PE=1 SV=2	41697,23	35514,29	32301,19	30881,79	36310,2	38000,27	30533,37	26532,05
Q6P9Z1;A0A0G2JG60	18	3	126,969	0,456749	1,2189	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 3 OS=Mus musculus OX=10090 GN=Smarcd3 PE=1 SV=2	1946,187	1559,166	1509,02	2504,873	1714,647	1952,341	1215,214	1987,102
Q80UG5;A2A6U5;A8Y5D3	43	2	287,0092	0,458239	1,083447	Septin-9 OS=Mus musculus OX=10090 GN=Septin9 PE=1 SV=1	7947,041	7128,291	7586,203	6622,492	7978,802	6576,961	6506,583	6753,445
Q9JHI5	10	1	56,6614	0,458979	199,277	Isovaleryl-CoA dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=lvd PE=1 SV=1	0	0	288,5883	1405,977	0	0	0	347,9937
P40142;A0A286YE28	57	17	323,1183	0,459106	1,139004	Transketolase OS=Mus musculus OX=10090 GN=Tkt PE=1 SV=1	26709,04	27047,56	29703,97	21039,13	28582,14	17778,02	23363,23	22023,17
Q61390;B1AT05	23	2	132,0803	0,45963	1,1158	T-complex protein 1 subunit zeta-2 OS=Mus musculus OX=10090 GN=Cct6b PE=1 SV=4	13349,01	13425,79	12288,6	13396,32	13907,77	12797,71	7532,933	12776,95
Q9DC69;A0A0R3P9C8	30	9	233,1705	0,459682	1,198876	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial OS=Mus musculus OX=10090 GN=Ndufa9 PE=1 SV=2	4104,711	4149,14	3804,139	3574,708	3683,38	5655,717	4067,525	3061,269
P08551	27	4	163,5856	0,460027	1,397946	Neurofilament light polypeptide OS=Mus musculus OX=10090 GN=Nefl PE=1 SV=5	709,243	853,4455	808,665	269,5602	660,4079	719,8936	288,3585	619,0808
Q9D902	2	1	16,4747	0,460129	1,238765	General transcription factor IIE subunit 2 OS=Mus musculus OX=10090 GN=Gtf2e2 PE=1 SV=2	430,9883	172,7924	197,7557	273,635	269,5057	278,4034	282,4645	334,6168
B1AQZ0;B1AQY9;B7ZC46;Q8CHH9	12	1	79,7412	0,461176	1,688361	Septin-8 OS=Mus musculus OX=10090 GN=Septin8 PE=1 SV=1	826,6798	232,2797	253,1299	551,0448	323,4325	579,972	226,8749	296,3948
O09061;A0A338P7C0	27	3	189,6206	0,461318	1,195303	Proteasome subunit beta type-1 OS=Mus musculus OX=10090 GN=Psmb1 PE=1 SV=1	316,3118	494,3995	486,9194	477,0286	504,4627	361,8113	232,9777	421,1115
Q91V92	120	1	770,2751	0,461546	1,123216	ATP-citrate synthase OS=Mus musculus OX=10090 GN=Acly PE=1 SV=1	31986,37	29426,8	31516,23	25371,49	35545,11	21968,93	21298,86	26510,45
Q3V117;Q3TS02	121	1	773,8358	0,461546	1,123216	ATP-citrate synthase OS=Mus musculus OX=10090 GN=Acly PE=1 SV=1	3571,482	3285,689	3518,988	2832,888	3968,837	2452,97	2378,153	2960,06
Q9D3D9;D3Z7S4	12	5	74,6202	0,461895	2,876272	ATP synthase subunit delta, mitochondrial OS=Mus musculus OX=10090 GN=Atp5f1d PE=1 SV=1	2059,7	1654,267	1483,362	1341,625	1645,438	1202,424	11339,87	1375,59

P62754	23	10	145,31	0,462386	1,114342	40S ribosomal protein S6 OS=Mus musculus OX=10090 GN=Rps6 PE=1 SV=1	8904,26	7784,887	9787,75	7165,256	10169,66	7595,876	7459,837	8359,918
Q1HFZ0;H3BJF3;H3BKNO	64	17	498,8592	0,462397	2,160546	RNA cytosine C(5)-methyltransferase NSUN2 OS=Mus musculus OX=10090 GN=Nsun2 PE=1 SV=2	6040,861	6257,892	7032,129	5256,7	5724,156	5759,092	32409,7	5662,527
Q91VX2;A2AMY5;A2AMY7;F6WT C8	24	3	149,306	0,462403	1,176484	Ubiquitin-associated protein 2 OS=Mus musculus OX=10090 GN=Ubp2 PE=1 SV=1	980,9374	1158,746	1047,642	872,8431	1275,752	828,5691	593,3761	1071,559
Q8K2V6	14	1	91,6087	0,462525	1,637262	Importin-11 OS=Mus musculus OX=10090 GN=Ipo11 PE=1 SV=1	225,2716	459,09	796,7945	212,7616	483,3836	352,2231	358,9698	228,1201
Q61937;Q5SQB0;Q5SQB5;Q9DAY 9	63	38	238,1359	0,462644	1,150678	Nucleophosmin OS=Mus musculus OX=10090 GN=Npm1 PE=1 SV=1	80124,08	82630,74	83274,25	81066,75	93528,98	85825,92	120607,9	76419,06
Q7TPV4	109	52	739,1313	0,462749	1,133154	Myb-binding protein 1A OS=Mus musculus OX=10090 GN=Mybbp1a PE=1 SV=2	45897,38	39908,87	33497,88	40577,14	31869,07	46539,94	27150,46	35534,54
Q60931;J3QMG3	40	16	232,7958	0,462755	1,151726	Voltage-dependent anion-selective channel protein 3 OS=Mus musculus OX=10090 GN=Vdac3 PE=1 SV=1	40056,76	29165,05	19151,91	27738,6	30429,42	38590,14	31859,07	32018,1
Q99LC5	34	13	244,381	0,463446	1,11924	Electron transfer flavoprotein subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=Etfa PE=1 SV=2	32214,08	25892,13	21590,82	26969,78	28958,27	33606,64	26807,28	30013,59
P61620;A2ATT9;Q9CYJ6;Q9JLR1	21	6	109,9842	0,463478	1,302048	Protein transport protein Sec61 subunit alpha isoform 1 OS=Mus musculus OX=10090 GN=Sec61a1 PE=1 SV=2	12039,33	8022,92	5507,856	8427,748	10239,02	7813,425	5938,033	6024,255
Q99JB2;A2AG39;A2AG41;F6WI02	29	12	214,8887	0,464134	1,164586	Stomatin-like protein 2, mitochondrial OS=Mus musculus OX=10090 GN=Stoml2 PE=1 SV=1	11109,08	11248,7	9905,615	11323,18	4898,533	12689,43	9592,444	10246,27
W4VSN9	13	1	67,748	0,464231	13,00746	Reproductive homeobox 2D OS=Mus musculus OX=10090 GN=Rhox2d PE=1 SV=1	3046,849	36,36386	228,8529	3773,48	239,1205	77,17959	216,963	2939,336
P09055	56	24	375,2116	0,464342	1,102344	Integrin beta-1 OS=Mus musculus OX=10090 GN=Itgb1 PE=1 SV=1	15557,78	15897,08	13635,54	14823,52	16722,99	17769,96	17002,02	14550,78
Q9ES28;A0A0R4J0X8;D3Z0V2	9	1	46,2264	0,464486	4,748811	Rho guanine nucleotide exchange factor 7 OS=Mus musculus OX=10090 GN=Arhgef7 PE=1 SV=2	0	40,97331	27,52178	25,94089	0	21,99259	0	29,37699
A2APB8	16	1	76,8448	0,46506	1,196696	Targeting protein for Xklp2 OS=Mus musculus OX=10090 GN=Tpx2 PE=1 SV=1	4558,123	3241,587	2389,446	3485,665	3270,453	3239,662	2328,22	2588,813
Q68FL6;E9QB02;F6W0G8	44	13	319,0059	0,465101	1,109437	Methionine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Mars1 PE=1 SV=1	9054,084	8457,479	7464,708	6867,611	8443,768	7733,605	5462,953	7062,405
Q8R5M8;A0A668KLV1;E0CY16;E9 PYN1	13	2	81,074	0,46581	1,257707	Cell adhesion molecule 1 OS=Mus musculus OX=10090 GN=Cadm1 PE=1 SV=2	659,7402	563,8823	417,2828	341,5688	517,6671	569,245	277,0277	452,4668
Q9D871	3	1	14,1773	0,466104	5,519288	Carcinoembryonic antigen-related cell adhesion molecule 18 OS=Mus musculus OX=10090 GN=Ceacam18 PE=2 SV=1	370,0481	14,69518	31,25232	682,4049	26,61098	9,209254	372,6588	93,16962
F6ZX84	16	4	109,8809	0,466616	1,348828	Cytoplasmic dynein 1 heavy chain 1 (Fragment) OS=Mus musculus OX=10090 GN=Dync1h1 PE=1 SV=1	701,6262	799,3292	793,6097	1132,262	617,3163	662,3268	1506,01	948,9761



P57080	4	1	17,3573	0,466971	1,730447	Ubiquitin carboxyl-terminal hydrolase 25 OS=Mus musculus OX=10090 GN=Usp25 PE=1 SV=2	181,1662	252,9617	314,6144	245,8236	55,76667	208,0716	42,82012	369,5097
E9Q735;E9Q442;G3X9Y5;Q8VDS1	5	2	23,7618	0,467159	2,461112	Ubiquitin conjugation factor E4 A OS=Mus musculus OX=10090 GN=Ube4a PE=1 SV=1	3,607518	239,5523	191,7237	84,12768	63,38394	236,3587	232,8904	190,5603
Q9CQV4	3	1	25,1344	0,467615	1,270564	Reticulophagy regulator 3 OS=Mus musculus OX=10090 GN=Retreg3 PE=1 SV=1	11092,5	7885,113	6885,176	10150,08	9311,056	7729,974	14032,67	6596,646
A0A0J9YTR9	7	1	38,1848	0,467616	5,54387	Transcription factor 4 OS=Mus musculus OX=10090 GN=Tcf4 PE=1 SV=1	0	2346,625	1631,859	934,5494	367,2401	219,8976	239,0261	289,8429
P10649;A2AE89;F6WHQ7;P19639	20	2	163,2143	0,469087	1,414997	Glutathione S-transferase Mu 1 OS=Mus musculus OX=10090 GN=Gstm1 PE=1 SV=2	137,1568	378,6756	241,7776	312,1635	344,8289	222,8603	621,9775	274,8047
Q9DAM9;A0A1B0GSJ7;D3Z7V1	6	1	26,7667	0,46946	1,312552	Fibronectin type 3 and ankyrin repeat domains 1 protein OS=Mus musculus OX=10090 GN=Fank1 PE=1 SV=1	1281,052	3391,673	4175,702	2500,834	4197,508	2880,552	2686,546	2348,964
Q9CZU6	57	16	324,0819	0,470457	1,137986	Citrate synthase, mitochondrial OS=Mus musculus OX=10090 GN=Cs PE=1 SV=1	50008,43	40706,66	33923,85	42628,78	42960,57	56182,86	37822,09	45699,91
A2A9C3;V9GXW1	24	1	118,2243	0,471211	1,303621	KICSTOR complex protein SZT2 OS=Mus musculus OX=10090 GN=Szt2 PE=1 SV=1	1426,487	1710,385	1457,143	762,6518	1276,118	1218,48	34,57723	1579,891
O35972;A0A1B0GQZ1;A0A1B0GSZ9	6	3	50,2725	0,471339	1,128023	39S ribosomal protein L23, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl23 PE=1 SV=1	1098,646	940,026	838,6209	1013,187	719,1617	1146,737	1029,872	1044,498
P97492	2	1	9,1757	0,47134	1,134503	Regulator of G-protein signaling 14 OS=Mus musculus OX=10090 GN=Rgs14 PE=1 SV=2	1515,67	1234,696	1194,275	1119,799	995,1295	1425,566	1439,866	1296,241
P60670	22	4	115,8056	0,471873	1,150911	Nuclear protein localization protein 4 homolog OS=Mus musculus OX=10090 GN=Nploc4 PE=1 SV=3	298,9373	388,7549	433,2825	299,9062	311,3432	395,4125	341,6878	315,7579
Q8BTW3	2	1	4,4155	0,472461	1,505206	Exosome complex component MTR3 OS=Mus musculus OX=10090 GN=Exosc6 PE=1 SV=1	57,51916	217,8591	357,0372	566,6735	395,5324	200,3751	738,8296	470,1392
Q8COW1;E0CY3;E9PUG3	2	1	13,3464	0,472666	1,114968	Ankyrin repeat and MYND domain-containing protein 1 OS=Mus musculus OX=10090 GN=Ankmy1 PE=1 SV=1	5457,314	5272,051	4373,846	5816,214	4935,461	5267,175	5838,758	5245,72
Q05915	5	1	28,0209	0,473073	1,236974	GTP cyclohydrolase 1 OS=Mus musculus OX=10090 GN=Gch1 PE=1 SV=1	325,0893	333,8585	470,0384	401,0084	621,627	303,3995	413,4846	519,1442
P97390	13	4	77,4455	0,473373	1,10165	Vacuolar protein sorting-associated protein 45 OS=Mus musculus OX=10090 GN=Vps45 PE=1 SV=1	1087,165	1352,64	1336,768	1617,514	1535,56	1304,999	1491,256	1584,308
P62317	12	5	77,9017	0,473971	1,242776	Small nuclear ribonucleoprotein Sm D2 OS=Mus musculus OX=10090 GN=Snrpd2 PE=1 SV=1	3128,108	1063,954	2570,119	2009,651	2648,166	1461,831	2818,437	2408,186
Q9Z0H8	7	2	30,5941	0,474052	1,255306	CAP-Gly domain-containing linker protein 2 OS=Mus musculus OX=10090 GN=Clip2 PE=1 SV=2	647,3535	555,6475	380,9761	286,2053	379,8277	685,0003	706,7743	564,8614
Q8C8U0;F6S1C4	28	4	163,4845	0,47479	1,076043	Liprin-beta-1 OS=Mus musculus OX=10090 GN=Ppfbp1 PE=1 SV=3	1388,023	1201,469	1282,91	1091,831	1520,019	1290,933	1288,232	1242,546

Q9DBR7;A0A1W2P750	7	1	39,0336	0,474802	1,365686	Protein phosphatase 1 regulatory subunit 12A OS=Mus musculus OX=10090 GN=Ppp1r12a PE=1 SV=2	4883,403	2109,852	3643,067	5615,211	3877,781	2378,339	2299,753	3344,034
Q9WTP6;F7BP55	31	10	211,9388	0,475219	1,102866	Adenylate kinase 2, mitochondrial OS=Mus musculus OX=10090 GN=Ak2 PE=1 SV=5	38440,81	33579,18	27888,9	28504,59	33918,21	41924,91	32437,13	32671,36
Q8K2C7	9	1	47,3251	0,475455	1,097241	Protein OS-9 OS=Mus musculus OX=10090 GN=Os9 PE=1 SV=2	137,6917	656,6348	176,5306	797,6708	851,408	18,84354	14,55097	1055,698
Q61011	12	2	46,7651	0,475567	1,256117	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3 OS=Mus musculus OX=10090 GN=Gnb3 PE=1 SV=2	22144,27	19268,46	16925,46	16815,84	18353,78	22275,18	2175,939	20045,34
Q04750	57	11	375,1078	0,476348	1,119901	DNA topoisomerase 1 OS=Mus musculus OX=10090 GN=Top1 PE=1 SV=2	16296,7	13602,28	11979,1	14056,6	13145,17	14252,64	9548,041	13000,26
A0A3F2YNM3;A0A3F2YNM8;Q8CDD8	3	2	16,0706	0,476426	1,300544	BTB/POZ domain-containing protein KCTD20 OS=Mus musculus OX=10090 GN=Kctd20 PE=1 SV=1	3795,968	3370,483	3251,153	1997,241	3756,894	2602,907	634,9231	2551,163
P16858;A0A0A0MQF6;A0A1D5RLD8;S4R1N5;S4R1W1;S4R257	109	41	447,6243	0,476471	1,23835	Glyceraldehyde-3-phosphate dehydrogenase OS=Mus musculus OX=10090 GN=Gapdh PE=1 SV=2	105381,5	106531,5	100464,3	92430,04	127949	87142,52	17616,58	94184,25
Q91YN9;A0A087WNX9	15	3	87,7425	0,477011	1,405033	BAG family molecular chaperone regulator 2 OS=Mus musculus OX=10090 GN=Bag2 PE=1 SV=1	197,14	177,8842	220,5666	263,4587	158,4321	293,9172	460,1127	294,5309
Q80U70;E9PW15	5	1	27,8775	0,477669	1,247609	Polycomb protein Suz12 OS=Mus musculus OX=10090 GN=Suz12 PE=1 SV=2	437,3324	704,8949	938,9547	642,7204	794,0283	340,6151	712,4143	664,9523
P48678;D3YUF7	122	48	667,5507	0,477691	1,251067	Prelamin-A/C OS=Mus musculus OX=10090 GN=Lmna PE=1 SV=2	39851,72	28949,78	27573,4	22795,05	30939,95	33180,21	5554,826	27954,56
P63073;A0A0G2JFB4;A0A0G2JG98;A0A0G2JGT5;A0A0G2JH04	10	5	80,9377	0,477718	1,148483	Eukaryotic translation initiation factor 4E OS=Mus musculus OX=10090 GN=Eif4e PE=1 SV=1	8119,916	5470,291	6769,768	5046,829	5950,271	6056,965	5242,03	4872,78
O70503	32	10	202,3731	0,477956	1,201959	Very-long-chain 3-oxoacyl-CoA reductase OS=Mus musculus OX=10090 GN=Hsd17b12 PE=1 SV=1	27923,13	24599,27	15951,27	24827,01	20311,24	20093,47	16279,71	24393,11
Q91Z83	24	1	134,6983	0,47799	7,90267	Myosin-7 OS=Mus musculus OX=10090 GN=Myh7 PE=2 SV=1	79,06607	90,90971	90,51551	2725,694	112,2873	51,10996	93,60206	120,8712
Q8R326;F7D909	19	3	146,2717	0,478009	1,162419	Paraspeckle component 1 OS=Mus musculus OX=10090 GN=Pspc1 PE=1 SV=1	3317,521	3798,129	3180,07	3551,055	3415,981	3803,618	2106,617	4098,157
Q5ND34	8	1	40,443	0,478138	1,284742	WD repeat-containing protein 81 OS=Mus musculus OX=10090 GN=Wdr81 PE=1 SV=2	1694,996	1270,612	1320,112	1315,191	951,2932	1906,002	255,1291	2234,192
B2M1R6;A0A286YE41;H3BJ43;H3BJS9;H3BKD0;H3BKI8;H3BLP7;Q8BT23	74	1	413,9185	0,478432	1,086946	Heterogeneous nuclear ribonucleoprotein K OS=Mus musculus OX=10090 GN=Hnrnpk PE=1 SV=1	5176,592	4633,353	4282,007	4617,461	4952,611	3936,512	4323,054	4592,057
P63321;A0A1Y7VL93;Q9JIW9	8	3	59,8955	0,478558	1,135498	Ras-related protein Ral-A OS=Mus musculus OX=10090 GN=Rala PE=1 SV=1	3166,943	2424,306	2061,66	2853,002	2412,607	3273,65	3057,21	3185,974
Q8VBV3;A2AV19	7	2	41,947	0,479042	1,103598	Exosome complex component RRP4 OS=Mus musculus OX=10090 GN=Exosc2 PE=1 SV=1	1167,553	1547,191	1098,955	1162,552	1207,873	1179,054	1089,79	1032,397
Q9CPT4	4	1	28,7989	0,479287	1,101723	Myeloid-derived growth factor OS=Mus musculus OX=10090 GN=Mydgf PE=1 SV=1	9684,068	7364,846	7138,772	6808,671	9743,548	8509,38	8267,011	7629,457

Q9CPQ1	15	4	67,0545	0,479298	1,26751	Cytochrome c oxidase subunit 6C OS=Mus musculus OX=10090 GN=Cox6c PE=1 SV=3	1273,615	929,1983	748,8833	1119,989	1158,633	1162,7	457,7178	433,2985
P54923	19	1	102,6058	0,480003	2,269011	ADP-ribosylhydrolase ARH1 OS=Mus musculus OX=10090 GN=Adprh PE=1 SV=1	5640,287	3604,252	3246,005	2032,645	5276,997	3543,585	21557,07	2575,619
Q9D753;D3YYN3;F6SGT4	18	1	118,4878	0,480347	1,231415	Exosome complex component RRP43 OS=Mus musculus OX=10090 GN=Exosc8 PE=1 SV=1	491,886	908,0464	747,4463	1002,252	783,6521	782,3548	1088,841	1223,653
Q9JL35	5	2	33,2662	0,480406	1,458143	High mobility group nucleosome-binding domain-containing protein 5 OS=Mus musculus OX=10090 GN=Hmgn5 PE=1 SV=2	2317,458	1817,675	1372,318	2091,682	1865,214	1780,557	4506,237	1553,014
Q59J78;A0A286YE75	17	5	133,3789	0,480447	1,263483	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 2 OS=Mus musculus OX=10090 GN=Ndufaf2 PE=1 SV=1	7936,215	3981,911	5307,469	8217,857	4774,38	4726,509	4560,308	6076,347
Q99LB6;E0CYU5	14	5	78,9983	0,480455	1,148809	Methionine adenosyltransferase 2 subunit beta OS=Mus musculus OX=10090 GN=Mat2b PE=1 SV=1	2237,654	2091,293	2352,522	1739,831	2539,45	1499,709	1820,772	2036,183
Q922V4;D3Z4V1;F8WI31	22	3	151,2669	0,480519	1,241141	Pleiotropic regulator 1 OS=Mus musculus OX=10090 GN=Plrg1 PE=1 SV=1	477,4286	655,491	765,7288	662,9482	643,2835	710,2233	1031,002	794,7942
Q8BJY1;F7BA91	17	3	130,7178	0,481083	1,119932	26S proteasome non-ATPase regulatory subunit 5 OS=Mus musculus OX=10090 GN=Psm5 PE=1 SV=4	2883,268	2504,299	2826,076	2271,185	3080,933	1988,761	2278,996	2350,161
Q8JZX4;A2AP40	21	5	115,1222	0,481485	1,179328	Splicing factor 45 OS=Mus musculus OX=10090 GN=Rbm17 PE=1 SV=1	1329,361	1218,005	1062,761	1416,48	1676,648	1329,955	963,2126	1958,203
A0A571BFA7;Q148V8	9	2	42,4268	0,481534	1,231056	Protein FAM83H OS=Mus musculus OX=10090 GN=Fam83h PE=1 SV=1	966,0851	1069,317	957,5127	340,8651	883,3356	1176,173	941,6056	1102,955
Q9J111;F7BYZ4;Q8CDG4	10	1	60,8746	0,481694	1,078051	Serine/threonine-protein kinase 4 OS=Mus musculus OX=10090 GN=Stk4 PE=1 SV=1	3060,886	2435,106	2422,584	2721,841	2603,884	3104,026	2409,042	2472,76
O08599;A0A140LHJ4	42	6	280,4081	0,481986	1,214771	Syntaxin-binding protein 1 OS=Mus musculus OX=10090 GN=Stxbp1 PE=1 SV=2	4594,081	3799,291	3129,283	3087,181	4120,539	3275,076	1236,938	3394,268
Q9CZW5	54	20	350,996	0,482047	1,211292	Mitochondrial import receptor subunit TOM70 OS=Mus musculus OX=10090 GN=Tomm70 PE=1 SV=2	31465,45	25828,17	16255,17	19541,97	23204,29	25250,48	18402,19	20806,28
Q60865;F6YLI0	30	11	195,3215	0,482149	1,17913	Caprin-1 OS=Mus musculus OX=10090 GN=Caprin1 PE=1 SV=2	47407,65	41442,74	36217,19	31433,52	43914,89	36871,04	22912,73	33065,12
Q8CG47;E9Q2X6;Q3U763	99	14	605,9986	0,482168	1,117277	Structural maintenance of chromosomes protein 4 OS=Mus musculus OX=10090 GN=Smc4 PE=1 SV=1	11224,34	9147,651	7367,877	8127,859	8583,758	7700,981	8795,742	7022,314
E0CZ42	21	2	114,0064	0,482367	1,372758	Fer-1-like 6 (C. elegans) OS=Mus musculus OX=10090 GN=Fer1l6 PE=1 SV=1	649,6177	1338,331	1514,604	641,1527	1791,886	945,8667	975,2435	863,379
Q99JP7;A2AQN2;H3BKA5	26	6	161,2992	0,482459	1,230692	Glutathione hydrolase 7 OS=Mus musculus OX=10090 GN=Ggt7 PE=1 SV=2	2752,467	2825,002	2710,423	2552,469	1406,434	4180,191	2911,103	2602,79
Q9CRD0;A0A0J9YTV6;A0A0J9YUB6;A0A0J9YUK7	5	2	44,9793	0,482962	1,113866	OCIA domain-containing protein 1 OS=Mus musculus OX=10090 GN=Ociad1 PE=1 SV=1	1430,736	1283,617	1347,463	1148,854	1685,818	1516,129	1128,542	1473,498
E9PVZ3	8	1	41,7351	0,483077	1,265394	Coiled-coil domain-containing 144B OS=Mus musculus OX=10090 GN=Ccdc144b PE=4 SV=1	1511,114	406,8857	839,6756	750,4618	385,8843	968,0288	20,95158	1397,502



O08914	8	1	53,3811	0,489682	1,66083	Fatty-acid amide hydrolase 1 OS=Mus musculus OX=10090 GN=Faah PE=1 SV=1	79,40744	675,2621	424,3463	478,9104	0	635,5002	633,2022	441,6312
Q9CZR8;Q9CX33	19	4	145,3997	0,489696	1,159122	Elongation factor Ts, mitochondrial OS=Mus musculus OX=10090 GN=Tsfm PE=1 SV=1	5187,691	3733,227	3375,817	3640,089	3860,839	6015,266	3907,926	4521,503
Q8C7K6	12	2	66,8797	0,489926	1,229699	Prenylcysteine oxidase-like OS=Mus musculus OX=10090 GN=Pcyox1l PE=1 SV=1	178,8646	222,9756	274,5233	238,0043	164,2981	272,7286	258,6078	353,6081
O70318;A0A1W2P6I5;A0A1W2P7I2;A0A1W2P7I4;Q80UE4;Q80UE5;Q8C928	72	13	495,9732	0,49194	1,273601	Band 4.1-like protein 2 OS=Mus musculus OX=10090 GN=Epb41l2 PE=1 SV=2	3730,372	2179,806	2842,584	3669,173	3167,323	2117,181	2125,917	2342,977
P46978;D3YZN5	32	8	218,4292	0,492438	1,138498	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A OS=Mus musculus OX=10090 GN=Stt3a PE=1 SV=1	5895,629	4978,264	3566,926	4315,394	4441,894	5608,148	4138,271	4978,044
Q9WVVR4	31	1	195,3481	0,492525	1,156391	Fragile X mental retardation syndrome-related protein 2 OS=Mus musculus OX=10090 GN=Fxr2 PE=1 SV=1	3534,481	2867,777	2369,897	3632,369	2798,617	4069,126	3456,995	3861,582
Q05512;A0A0R4J0B1;A0A0R4J27;E9PYX3;E9Q9N6;E9QMP6;F6UY70;F6ZEX4;F6ZS70;F7CVZ7;Q3T9A3	17	2	84,7153	0,492531	1,993354	Serine/threonine-protein kinase MARK2 OS=Mus musculus OX=10090 GN=Mark2 PE=1 SV=3	1132,761	816,9933	1222,838	862,3581	1413,274	1047,629	4847,938	734,2423
Q9D338	10	2	68,0938	0,493368	1,348236	39S ribosomal protein L19, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl19 PE=1 SV=1	535,6947	816,9057	615,5325	832,142	43,07617	1187,941	768,3476	617,0142
A0A140LHZ9;A0A140LIP8;A0A140LI88;A0A140LIC1;A0A5F8MP73;A0A5F8MPA3;A0A5F8MPD1;A0A5F8MPJO;A0A5F8MPS5;Q6DR98	8	2	29,5268	0,493424	1,221135	Neuregulin 1 OS=Mus musculus OX=10090 GN=Nrg1 PE=1 SV=2	867,229	809,4688	857,9459	1179,851	756,5725	940,9251	215,0099	1129,329
J3QNU6;Q8BWWG8	3	1	14,7102	0,493616	1,2172	Beta-arrestin-1 OS=Mus musculus OX=10090 GN=Arrb1 PE=1 SV=1	1806,118	3389,458	3312,785	3346,839	3965,791	2567,042	2430,637	3010,586
Q8R111	3	2	30,422	0,494065	1,171634	Cytochrome b-c1 complex subunit 9 OS=Mus musculus OX=10090 GN=Uqcr10 PE=1 SV=1	2651,625	1651,398	1524,357	1816,799	1724,453	2736,873	2342,037	2152,815
Q62465	29	15	181,6456	0,494766	1,106225	Synaptic vesicle membrane protein VAT-1 homolog OS=Mus musculus OX=10090 GN=Vat1 PE=1 SV=3	28750,84	24506,72	23672,12	20214,23	26129,68	25543,49	21460,76	21292,24
A3KG93;F6Z4I3;F6ZC60;G8JL40;Q6ZQ88	32	3	169,1943	0,495822	1,207069	Lysine-specific histone demethylase OS=Mus musculus OX=10090 GN=Kdm1a PE=1 SV=1	844,8388	675,1634	713,6802	769,3402	1354,029	789,2446	752,2659	729,3146
Q80WQ2;A0A1D5RLN5;A0A1D5RLY2	22	2	136,9059	0,496572	1,429399	Protein VAC14 homolog OS=Mus musculus OX=10090 GN=Vac14 PE=1 SV=1	166,8183	164,6776	265,8232	305,7047	159,5344	287,7102	426,2858	417,2509
P62264;D3YVF4;D3Z7I1	28	11	149,0156	0,496702	1,648931	40S ribosomal protein S14 OS=Mus musculus OX=10090 GN=Rps14 PE=1 SV=3	7757,566	6567,951	5882,272	7733,811	8325,529	7227,59	21153,39	4426,181
Q8R1N4;A0A0A0MQL8	11	1	60,6606	0,496768	1,93407	NudC domain-containing protein 3 OS=Mus musculus OX=10090 GN=Nudcd3 PE=1 SV=3	52,15444	43,13038	55,02036	38,03154	169,0929	87,99578	76,34349	30,82425
A0A1Y7VLD2;Q8CDN9	7	2	36,5463	0,496826	1,294515	Leucine-rich repeat-containing protein 9 OS=Mus musculus OX=10090 GN=Lrrc9 PE=1 SV=1	190,2713	153,6836	330,5295	347,9234	242,1472	227,6414	343,8843	509,3411

A0A0B4J1F0;P61622	5	1	23,7971	0,497481	1,710826	Integrin alpha-11 OS=Mus musculus OX=10090 GN=Itga11 PE=1 SV=1	115,2726	47,29598	40,10666	3,070477	22,30207	54,57913	41,44661	44,62237
P56480	158	88	636,7873	0,497779	1,088786	ATP synthase subunit beta, mitochondrial OS=Mus musculus OX=10090 GN=Atp5f1b PE=1 SV=2	143908,7	138021	117064,2	124935,8	126435,5	165308,5	131298,4	135235,2
Q8K298	7	1	40,1435	0,497807	1,412503	Anillin OS=Mus musculus OX=10090 GN=Anln PE=1 SV=2	286,1977	1236,23	1200,108	1413,314	450,2783	1010,068	1131,244	928,8875
I1E4X1;H3BJ02	7	1	36,0554	0,49791	1,838664	Syntaxin 5A OS=Mus musculus OX=10090 GN=Stx5a PE=1 SV=1	0	6,064169	14,6981	3,512372	5,556673	6,695546	17,48366	2,965559
A0A3B2W7J8	128	25	821,6624	0,498153	1,334033	Plectin (Fragment) OS=Mus musculus OX=10090 GN=Plec PE=1 SV=1	30349,55	30480,46	34681,39	17293,21	27130,11	26325,8	12822,51	18280,63
Q9CRA5;Q05BZ0	7	1	48,5175	0,498257	1,339514	Golgi phosphoprotein 3 OS=Mus musculus OX=10090 GN=Golph3 PE=1 SV=1	921,22	522,2668	252,8323	445,4461	615,7162	670,3257	634,5721	498,9792
O08784;F6R3V4;H3BIX0;H3BK88; H3BL37	48	14	304,3259	0,498408	1,326113	Treacle protein OS=Mus musculus OX=10090 GN=Tcof1 PE=1 SV=1	15120,24	10587,45	10809,6	25669,66	12110,04	14166,62	12159,65	12863,29
Q80U49;B9EIX2	16	1	88,623	0,498575	1,747272	Centrosomal protein of 170 kDa protein B OS=Mus musculus OX=10090 GN=Cep170b PE=1 SV=2	1231,054	570,7149	991,0758	0	800,2476	2093,577	17,32755	1301,406
Q99KK9;G5E823	15	1	75,2493	0,498825	1,506904	Histidine--tRNA ligase, mitochondrial OS=Mus musculus OX=10090 GN=Hars2 PE=1 SV=1	1134,909	889,2925	1086,205	1921,085	1428,081	956,1677	3178,876	2018,847
Q8K3Y3	7	1	39,3849	0,499139	1,267987	Protein lin-28 homolog A OS=Mus musculus OX=10090 GN=Lin28a PE=1 SV=1	104,4211	132,2503	132,2541	62,25541	110,0319	118,654	5,371783	111,4661
P15331	153	1	795,713	0,499629	1,116615	Peripherin OS=Mus musculus OX=10090 GN=Prph PE=1 SV=2	50300,97	43416,67	38378,23	37549,31	45920,89	55745,92	47269,12	40492,38
Q8QZT1	44	16	280,3943	0,500246	1,176532	Acetyl-CoA acetyltransferase, mitochondrial OS=Mus musculus OX=10090 GN=Acat1 PE=1 SV=1	36940,55	31238,69	18710,52	28735,47	26848,46	33538,8	34750,58	31933,94
Q00422	7	4	32,9882	0,500342	1,121456	GA-binding protein alpha chain OS=Mus musculus OX=10090 GN=Gabpa PE=1 SV=2	1095,443	1176,873	1029,431	960,0625	1261,675	1112,267	774,3537	1047,361
A0A1B0GR85	19	5	91,3914	0,500403	1,203187	RIKEN cDNA 2900026A02 gene OS=Mus musculus OX=10090 GN=2900026A02Rik PE=1 SV=1	12946,87	9175,15	10185,44	8879,134	12743,92	8469,343	4356,595	8661,4
Q8BFZ3	100	1	437,5628	0,500651	10,63934	Beta-actin-like protein 2 OS=Mus musculus OX=10090 GN=Actbl2 PE=1 SV=1	0,018966	1,159728	0,018376	3,634491	2,028508	0,023829	48,6343	0,717973
Q8C650;A0A0R4J233;A0A1W2P6J 7	25	1	167,3783	0,500689	1,192247	Septin-10 OS=Mus musculus OX=10090 GN=Septin10 PE=1 SV=1	1841,492	1001,466	881,5852	919,4629	1068,113	1621,677	1460,687	1386,323
Q8BZ98;E9QLL2	31	1	180,5323	0,501004	1,056574	Dynammin-3 OS=Mus musculus OX=10090 GN=Dnm3 PE=1 SV=1	877,5504	941,8892	879,4939	1020,736	947,3561	1049,982	992,0184	936,3115
Q8K202;G8JL51	3	1	13,8226	0,501078	1,761107	DNA-directed RNA polymerase I subunit RPA49 OS=Mus musculus OX=10090 GN=Polr1e PE=1 SV=2	63,40401	321,5834	658,6709	441,6742	394,3263	399,7245	634,2509	388,243
Q9QZQ1;D3YUD2;D3Z7B8;D3Z7B 9;D3Z7L2;E9PYX7;E9Q852;E9Q9C 3;F7C3I9;Q9R1N9	78	15	488,2051	0,50148	1,169605	Afadin OS=Mus musculus OX=10090 GN=Afdn PE=1 SV=3	7361,24	8679,875	6356,909	4779,236	7592,711	7780,45	4757,803	5378,455
Q99MD9;B1AU75;B1AU76	41	11	238,0596	0,501903	1,150323	Nuclear autoantigenic sperm protein OS=Mus musculus OX=10090 GN=Nasp PE=1 SV=2	3884,732	3175,583	2558,223	3687,741	3745,616	3691,557	3901,405	2851,52

O08582;A0A2R8VI47	23	2	149,7819	0,502077	1,057666	GTP-binding protein 1 OS=Mus musculus OX=10090 GN=Gtpbp1 PE=1 SV=2	4101,523	4204,762	4264,857	3997,492	4551,454	3873,81	3567,287	3672,733
Q9WV54;D3Z505	23	6	169,6853	0,502104	1,127601	Acid ceramidase OS=Mus musculus OX=10090 GN=Asah1 PE=1 SV=1	12972,59	9397,235	9289,187	10026,7	10458,24	10007,18	7405,857	9097,224
F8VPU6	14	2	69,9833	0,503034	1,644824	Ubiquitinyl hydrolase 1 OS=Mus musculus OX=10090 GN=Usp9y PE=1 SV=1	1693,505	1898,658	1401,196	2444,919	1359,664	1720,04	1046,738	1566,693
Q9D666;D3YUW9;Q3TSM1	3	1	20,8796	0,503557	1,39262	SUN domain-containing protein 1 OS=Mus musculus OX=10090 GN=Sun1 PE=1 SV=2	466,865	427,4258	487,9954	122,0413	389,7633	326,1214	742,9737	636,0989
Q6VGS5	31	2	173,442	0,503818	2,369509	Protein Daple OS=Mus musculus OX=10090 GN=Ccdc88c PE=1 SV=1	535,0468	3049,866	338,0055	1076,634	674,0923	1018,412	584,2784	149,76
Q6P3Z3	2	1	5,2236	0,504311	1,28235	Peroxyinitrite isomerase THAP4 OS=Mus musculus OX=10090 GN=Thap4 PE=1 SV=1	521,4839	451,4335	299,1202	631,2965	370,0238	626,4504	655,7339	788,5324
Q9D695	2	2	9,831	0,504378	1,3011	Serp1n B7 OS=Mus musculus OX=10090 GN=Serp1nb7 PE=2 SV=1	142,3373	105,1025	55,26133	120,9176	84,62155	120,4071	150,2499	167,664
O08810;A2AH85;G3UXK8;G3UZ34	59	17	448,2461	0,504378	1,103236	116 kDa U5 small nuclear ribonucleoprotein component OS=Mus musculus OX=10090 GN=Eftud2 PE=1 SV=1	10712,97	10384,75	6328,063	8284,622	10316,67	10517,33	9143,145	9376,427
A0A0U1RNU0	1	1	0	0,504481	1,038872	Protein FAM71E1 OS=Mus musculus OX=10090 GN=Fam71e1 PE=4 SV=1	478,1139	279,5071	314,7036	574,5143	296,4387	587,7633	0	701,0169
P67778;Q5SQG5	45	20	315,5926	0,504547	1,126632	Prohibitin 1 OS=Mus musculus OX=10090 GN=Phb1 PE=1 SV=1	34103,59	27561,29	22537,29	26023,93	26727,48	34523,48	24658,26	25020,37
Q91YH5;A0A494BAU1;A0A494BAX8;E9PYT3	13	2	80,8806	0,504934	1,319046	Atlastin-3 OS=Mus musculus OX=10090 GN=Atl3 PE=1 SV=1	639,1484	441,7199	572,5287	669,4281	434,3397	556,9185	1082,347	667,1884
P51174;A0A0R4J083	12	1	78,4544	0,505022	1,174306	Long-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Acadl PE=1 SV=2	5456,847	3708,873	4154,561	3952,761	4250,153	5285,151	5672,068	4082,961
Q8VHM5;A2AW40;A2AW41;F7B5B5;S4R1E9;V9GWW3	49	15	342,5736	0,505305	1,06225	Heterogeneous nuclear ribonucleoprotein R OS=Mus musculus OX=10090 GN=Hnrnpr PE=1 SV=1	9861,295	8673,737	7648,69	8512,789	8432,244	9456,405	7878,977	8872,237
Q5SUD9;Z4YKQ3	4	1	20,4631	0,505404	1,291436	Bardet-Biedl syndrome 12 protein homolog OS=Mus musculus OX=10090 GN=Bbs12 PE=3 SV=2	188,0313	252,421	391,7261	280,1111	304,8209	137,0335	163,1734	256,2531
P62751	24	7	135,932	0,50588	1,179878	60S ribosomal protein L23a OS=Mus musculus OX=10090 GN=Rpl23a PE=1 SV=1	17514,96	15114,39	15189,31	11276,11	18526	11938,52	11137,8	9917,404
P62821;Q5SW86;Q5SW87;Q5SW88	27	2	185,0152	0,505887	1,074006	Ras-related protein Rab-1A OS=Mus musculus OX=10090 GN=Rab1A PE=1 SV=3	2028,874	1576,715	1656,39	1428,104	1805,212	1848,07	1905,213	1624,138
Q8BRH0;G5E8C4	5	2	31,6655	0,505936	1,247174	Protein O-mannosyl-transferase TMTC3 OS=Mus musculus OX=10090 GN=Tmtc3 PE=1 SV=2	764,8405	709,1761	413,1357	651,3794	110,0413	929,7824	475,4393	520,1645
Q8R0G9	58	10	356,2773	0,506985	1,717681	Nuclear pore complex protein Nup133 OS=Mus musculus OX=10090 GN=Nup133 PE=1 SV=2	2853,445	2967,417	3445,064	11863,16	2366,055	3388,382	3393,95	3152,551
P15864	45	1	192,588	0,507031	3,826505	Histone H1.2 OS=Mus musculus OX=10090 GN=H1-2 PE=1 SV=2	71,93538	177,7949	124,5416	319,1811	134,2709	208,8798	2152,836	157,515
Q8BRM2;A0A087WQS3	2	1	17,0854	0,507185	1,695339	RAB6-interacting golgin OS=Mus musculus OX=10090 GN=Gorab PE=1 SV=1	104,6457	46,82716	88,35344	133,9734	290,439	78,52862	142,9973	121,7523

Q99MI1;F8VPM7;V9GWT6;V9GX53;V9GXF0;V9GXH3;V9GXP8	22	3	109,144	0,50751	1,326061	ELKS/Rab6-interacting/CAST family member 1 OS=Mus musculus OX=10090 GN=Erc1 PE=1 SV=1	22219,53	14059,4	13965,77	9955,773	19318,58	11038,47	4899,842	10141,07
E9Q8T1;A0A140LHH8;A0A140LIQ6;A0A1L1SS37;Q9JJG0	44	9	204,4544	0,507858	1,075125	Transforming acidic coiled-coil-containing protein 2 OS=Mus musculus OX=10090 GN=Tacc2 PE=1 SV=1	5454,984	5641,126	5113,078	5880,975	5758,561	5337,772	4279,736	5693,519
Q6ZQF0	12	2	48,0744	0,508011	1,130403	DNA topoisomerase 2-binding protein 1 OS=Mus musculus OX=10090 GN=Topbp1 PE=1 SV=2	862,7259	496,5945	750,9398	839,9558	721,6972	969,058	757,6142	886,5634
Q8BTI8;A0A087WPS9;A0A087WRX8;A0A3B2W3Z4	94	16	606,7636	0,508102	1,161957	Serine/arginine repetitive matrix protein 2 OS=Mus musculus OX=10090 GN=Srrm2 PE=1 SV=3	8641,118	6994,78	7136,108	6031,011	6562,55	5781,836	6038,053	6811,759
Q64279	1	1	4,8865	0,508511	1,284388	Heart- and neural crest derivatives-expressed protein 1 OS=Mus musculus OX=10090 GN=Hand1 PE=1 SV=1	7108,23	8701,373	9763,65	7314,749	12283,1	8582,565	3585,762	11750,42
Q921M7;A0A2I3BRN5;Q8BHZO	20	6	146,3662	0,508607	1,08688	CYFIP-related Rac1 interactor B OS=Mus musculus OX=10090 GN=Cyrib PE=1 SV=1	11791,55	11771,79	9715,608	13922,59	11551,69	12939,52	13104,22	13706,98
Q62421;A0A0R4JOB8;J3QQ08;J3QQ44	5	2	30,9223	0,508783	1,114186	Endophilin-A3 OS=Mus musculus OX=10090 GN=Sh3gl3 PE=1 SV=1	815,6769	898,7897	667,2835	830,655	621,0699	769,549	769,3211	723,2462
Q8BH97;A0A1B0GR86;A0A1B0GRIO;A0A1B0GS22	21	1	125,7012	0,509012	44,09299	Reticulocalbin-3 OS=Mus musculus OX=10090 GN=Rcn3 PE=1 SV=1	0	0	44,82144	6,126662	0	15,50514	2208,454	22,49487
P17047	6	1	26,5323	0,509281	1,266982	Lysosome-associated membrane glycoprotein 2 OS=Mus musculus OX=10090 GN=Lamp2 PE=1 SV=2	4429,71	3920,785	8617,537	6243,178	5706,442	5560,02	2284,937	7301,274
A3KGI3;Q66JQ7	24	1	120,1606	0,509778	2,365651	Kinetochore scaffold 1 OS=Mus musculus OX=10090 GN=Kn11 PE=1 SV=1	391,2561	1153,385	452,1821	2450,135	224,1742	406,773	611,8266	637,0289
P99024;G3UZR1	188	13	691,776	0,509992	1,204169	Tubulin beta-5 chain OS=Mus musculus OX=10090 GN=Tubb5 PE=1 SV=1	5982,079	8726,738	10479,75	7270,832	9707,648	6965,101	5484,572	6780,601
Q7TSY8	10	1	61,5598	0,510525	1,250089	Shugoshin 2 OS=Mus musculus OX=10090 GN=Sgo2 PE=1 SV=1	4530,976	2889,185	3471,262	2425,158	3263,721	3513,113	1614,673	2261,003
Q569Z6;F6YH92;F6YSQ2;Q8BZN7	41	12	265,2849	0,5107	1,306993	Thyroid hormone receptor-associated protein 3 OS=Mus musculus OX=10090 GN=Thrap3 PE=1 SV=1	3116,703	3420,313	3034,709	1390,444	2762,52	4380,235	988,6872	3458,38
Q99N96;Q9D3F3	13	2	66,6765	0,51148	1,107146	39S ribosomal protein L1, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl1 PE=1 SV=2	3220,034	2595,592	2440,011	3141,535	2501,018	3212,471	2695,02	2859,67
P67871;G3UWU5;G3UXG7;G3UXU2;G3UZA4;G3UZJ5;G3UZX4	16	4	133,0056	0,511525	1,206872	Casein kinase II subunit beta OS=Mus musculus OX=10090 GN=Csnk2b PE=1 SV=1	630,7498	736,5787	702,4196	576,3566	778,1036	628,1812	215,6893	693,1706
Q3V3R1	58	23	424,0334	0,511707	1,211736	Monofunctional C1-tetrahydrofolate synthase, mitochondrial OS=Mus musculus OX=10090 GN=Mthfd1l PE=1 SV=2	17990,04	13303,34	8002,43	11603,68	11117,3	15759,45	11357,39	11932,72
Q8BP47;A0A494B927;A0A494B949;A0A494B996;A0A494B9GO;A0A494BAW6;A0A494BAX5;A0A494BB89;A0A498WGK2	36	10	269,0125	0,511712	1,124494	Asparagine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=NARS1 PE=1 SV=2	4604,944	4067,78	4901,531	3158,1	5265,589	3529,137	3904,243	3661,716



P28738;A2ARD4	88	11	589,5398	0,512391	1,160421	Kinesin heavy chain isoform 5C OS=Mus musculus OX=10090 GN=Kif5c PE=1 SV=3	9450,356	6206,149	8227,099	6315,315	7615,634	7156,256	5220,78	6031,437
Q8WTY4;E0CY11;F7BWP1	20	5	138,035	0,512425	1,130262	Anamorsin OS=Mus musculus OX=10090 GN=Ciapin1 PE=1 SV=1	14598,07	12332,51	12917,01	10355,77	13929,44	8510,146	12291,02	10528,03
P10518	25	11	168,8029	0,512498	1,17152	Delta-aminolevulinic acid dehydratase OS=Mus musculus OX=10090 GN=Alad PE=1 SV=1	4221,619	4047,292	2739,512	3468,632	4604,324	2776,54	3355,909	3315,069
Q08122;E0CXS2;E0CXS9;E0CXU1;E0CY14;F6TS96;F8WIE2;J3KMT7;Q3TY99	14	1	70,533	0,513561	1,678856	Transducin-like enhancer protein 3 OS=Mus musculus OX=10090 GN=Tle3 PE=1 SV=3	698,1243	411,9955	339,281	231,3348	752,2687	331,8952	1356,73	380,8187
P97300;A0A0A0MQN8;H3BIX4;H3BKA7;Z4YLB7	11	1	47,1823	0,513925	1,298603	Neuroplastin OS=Mus musculus OX=10090 GN=Nptn PE=1 SV=3	3057,504	2053,536	2169,513	1726,96	2527,568	2528,621	2814,072	1069,241
F7BE84;A6H6J9	4	1	26,5741	0,514007	2,029804	Ankyrin repeat domain 50 (Fragment) OS=Mus musculus OX=10090 GN=Ankrd50 PE=1 SV=1	67,90573	7,265897	84,71731	964,7828	367,8138	7,849382	0	178,4159
Q9CQC9;A0A1W2P720	21	5	145,5539	0,514769	1,186016	GTP-binding protein SAR1b OS=Mus musculus OX=10090 GN=Sar1b PE=1 SV=1	2299,914	1911,209	2937,461	1723,471	3412,738	2192,289	1840,603	2386,056
A0A140LJ83	1	1	3,6132	0,515301	3,921718	Cyclin-dependent kinase inhibitor 1C (Fragment) OS=Mus musculus OX=10090 GN=Cdkn1c PE=4 SV=1	232,0908	333,1253	267,2027	133,7369	3084,126	165,6555	272,5933	226,6837
Q5SWZ5;F6S5I0;F6XZM9;P97434	64	5	361,0007	0,515928	2,757092	Myosin phosphatase Rho-interacting protein OS=Mus musculus OX=10090 GN=Mprip PE=1 SV=1	38,4647	124,8761	1168,859	1475,075	179,4642	111,2249	474,1475	508,2879
Q9DCH4	19	6	132,8112	0,515933	1,125743	Eukaryotic translation initiation factor 3 subunit F OS=Mus musculus OX=10090 GN=Eif3f PE=1 SV=2	7770,384	7725,822	6996,241	5658,768	8219,095	6677,272	5608,373	6515,936
Q9R1P4;A0A1B0GS70	26	5	177,3105	0,516236	1,115619	Proteasome subunit alpha type-1 OS=Mus musculus OX=10090 GN=Psm1 PE=1 SV=1	6210,923	5589,194	4982,844	4667,146	6385,983	3981,512	4185,345	4674,255
Q3U1V8;A0A1Y7VKX4	6	1	29,371	0,51673	12,60514	Mitogen-activated protein kinase kinase 9 OS=Mus musculus OX=10090 GN=Map3k9 PE=2 SV=2	0	85,62883	0	33,23256	0	46,1089	1364,579	43,39562
P97479;A0A0R4J113;A0A0U1RPX7;Q5MJ56	23	2	118,4993	0,517041	1,167693	Unconventional myosin-VIIa OS=Mus musculus OX=10090 GN=Myo7a PE=1 SV=2	2207,934	2154,894	1789,938	1633,598	2111,403	2045,331	1835,562	1431,114
Q62384;F8WHU9	4	1	21,2654	0,517328	1,371909	Zinc finger protein ZPR1 OS=Mus musculus OX=10090 GN=Zpr1 PE=1 SV=1	760,2939	1740,061	2269,985	1328,63	2605,947	2580,525	1708,386	1472,372
P80315;G3UXF3;G3UXG2;G3UYW5;G5E839	67	22	445,0596	0,517783	1,150699	T-complex protein 1 subunit delta OS=Mus musculus OX=10090 GN=Cct4 PE=1 SV=3	62035,95	50151,19	47753,6	51587,14	55475,63	47265,18	26596,06	54488,61
P62075;A0A1W2P756;A0A1W2P7H2	6	2	46,7514	0,518353	2,574562	Mitochondrial import inner membrane translocase subunit Tim13 OS=Mus musculus OX=10090 GN=Timm13 PE=1 SV=1	273,6328	225,9866	267,7953	920,7376	232,7137	176,5833	1530,688	212,4886
Q8VI59	5	1	24,2676	0,518711	1,846544	Pecanex-like protein 3 OS=Mus musculus OX=10090 GN=Pcnx3 PE=1 SV=2	0	86,78403	134,3515	384,4648	47,12005	256,4244	13,93404	465,8197
Q3TKT4;A0A0R4J170	66	4	411,5654	0,518975	1,148548	Transcription activator BRG1 OS=Mus musculus OX=10090 GN=Smarca4 PE=1 SV=1	14891,42	11438,61	9646,558	9273,409	11837,7	11228,35	9977,679	9910,9
Q78IK4;B1AV14	14	1	102,9816	0,519033	1,141016	MICOS complex subunit Mic27 OS=Mus musculus OX=10090 GN=Apool PE=1 SV=1	379,536	304,5902	312,3797	402,7202	278,6209	430,7259	367,3364	295,8968

Q9DCS3;A2A845	12	3	79,2362	0,519054	1,138903	Enoyl-[acyl-carrier-protein] reductase, mitochondrial OS=Mus musculus OX=10090 GN=Mecr PE=1 SV=2	1359,402	1228,789	1151,684	806,4464	1136,466	1168,917	837,2531	968,2077
Q80X82	37	14	200,5381	0,519101	1,350584	Symplekin OS=Mus musculus OX=10090 GN=Sympk PE=1 SV=2	4162,023	9489,439	8401,148	12032,89	3595,248	7203,458	8069,103	6369,793
Q5SXA9	10	1	50,8351	0,519165	2,248895	Protein KIBRA OS=Mus musculus OX=10090 GN=Wwc1 PE=1 SV=1	0	442,1038	602,3231	472,4651	0	180,514	576,0867	340,8269
Q9WVVA4;A0A0A6YXG6	49	23	281,1781	0,519585	1,115521	Transgelin-2 OS=Mus musculus OX=10090 GN=Tagln2 PE=1 SV=4	58325,96	57168,35	56073,94	44256,5	74292,08	50588,81	53838,29	57556,41
Q60698	4	2	17,5035	0,519759	1,253459	Ski oncogene OS=Mus musculus OX=10090 GN=Ski PE=1 SV=2	81,49918	133,424	600,1263	870,2093	365,432	430,3118	528,423	321,5459
P09411;S4R2M7	56	22	378,1903	0,519811	1,114605	Phosphoglycerate kinase 1 OS=Mus musculus OX=10090 GN=Pgk1 PE=1 SV=4	13560,52	10951,3	10606,15	9926,449	12533,09	8485,175	8313,653	11080,98
Q9R0P9	52	21	264,9028	0,520649	1,161175	Ubiquitin carboxyl-terminal hydrolase isozyme L1 OS=Mus musculus OX=10090 GN=Uchl1 PE=1 SV=1	7689,686	6790,715	8936,254	6930,667	10173,1	5688,277	7101,002	6221,706
Q9CXL3;A0A0G2JEY4	10	5	66,9973	0,520761	1,301278	Uncharacterized protein C7orf50 homolog OS=Mus musculus OX=10090 PE=1 SV=3	1489,668	1357,975	1435,964	525,9409	1377,231	1035,858	458,1155	1102,288
Q8VBT0;F6V084	9	1	77,2721	0,521748	2,116673	Thioredoxin-related transmembrane protein 1 OS=Mus musculus OX=10090 GN=Tmx1 PE=1 SV=1	0	17,12147	75,64765	13,4562	17,11025	27,48578	0	149,2083
P47955	12	8	54,3416	0,522019	1,149957	60S acidic ribosomal protein P1 OS=Mus musculus OX=10090 GN=Rplp1 PE=1 SV=1	54791,51	45842,75	50653,36	32951,69	58184,11	43848,18	44924,55	45421,85
Q6PAR5;F6X819;F7ADQ2;F7ADS7;F7ADT6	17	3	100,4945	0,522097	1,229146	GTPase-activating protein and VPS9 domain-containing protein 1 OS=Mus musculus OX=10090 GN=Gapvd1 PE=1 SV=2	3775,08	3188,599	2339,849	2365,468	3364,69	2152,348	1581,898	2394,643
Q80YA7	2	1	12,3755	0,522367	1,702475	Dipeptidyl peptidase 8 OS=Mus musculus OX=10090 GN=Dpp8 PE=1 SV=1	79,58495	232,7404	136,0841	172,9949	7,180247	356,5566	196,9802	267,4389
Q924B0;O55023;Q80ZJ2	8	2	54,9242	0,522493	1,127564	Inositol-1-monophosphatase OS=Mus musculus OX=10090 GN=Impa1 PE=1 SV=1	1150,381	1337,513	1355,829	1032,474	1442,566	1013,655	963,4829	904,8343
Q6P9L6	19	3	100,152	0,523494	1,171098	Kinesin-like protein KIF15 OS=Mus musculus OX=10090 GN=Kif15 PE=1 SV=1	203,267	128,5368	226,2686	159,2375	166,3733	210,098	174,031	150,7277
H7BX60	3	2	11,0502	0,523674	1,470126	Protection of telomeres protein 1 OS=Mus musculus OX=10090 GN=Pot1b PE=1 SV=1	37523,48	26849,71	24529,9	4593,029	28784,9	29486,75	1401,018	27606,97
Q8C1A5;A0A0R4IZY0	30	5	187,2882	0,523802	1,175202	Thimet oligopeptidase OS=Mus musculus OX=10090 GN=Thop1 PE=1 SV=1	1051,82	762,8923	806,5248	607,9346	481,2537	1043,427	652,7546	591,2663
Q8BFY9;J3QMX2;Q3TKD0	40	11	321,825	0,524436	1,099773	Transportin-1 OS=Mus musculus OX=10090 GN=Tnpo1 PE=1 SV=2	11164,38	8874,585	9263,014	7679,133	10912,76	9031,26	8643,497	9249,963
A7KBS4	12	2	65,5633	0,524503	1,313912	Zinc finger and SCAN domain containing protein 4D OS=Mus musculus OX=10090 GN=Zscan4d PE=2 SV=1	8812,245	7669,585	6594,03	4413,545	10312,02	7373,068	5943,757	3618,648
P21550;J3QPZ9;Q5SX59;Q5SX60;Q5SX61	34	2	242,2912	0,524532	1,081037	Beta-enolase OS=Mus musculus OX=10090 GN=Eno3 PE=1 SV=3	445,8594	644,8435	633,9813	531,0326	620,9766	580,4326	617,6225	619,4828
P62311	2	1	13,8316	0,524805	1,263033	U6 snRNA-associated Sm-like protein LSM3 OS=Mus musculus OX=10090 GN=Lsm3 PE=1 SV=2	156,898	319,5987	362,2933	439,1328	331,9222	281,687	420,7352	556,8181

Q99020;Q20BD0;Q80XR6	46	19	262,8896	0,525141	1,060011	Heterogeneous nuclear ribonucleoprotein A/B OS=Mus musculus OX=10090 GN=Hnrnpab PE=1 SV=1	77873,42	67764,9	60385,27	61462,05	73488,83	75181,67	67317,28	65498,2
Q61474;A0A0J9YU67;F8WJA5	9	1	61,1458	0,525224	1,302206	RNA-binding protein Musashi homolog 1 OS=Mus musculus OX=10090 GN=Msi1 PE=1 SV=1	108,7523	143,1327	355,4872	392,505	231,4277	384,6344	325,035	360,9493
Q99MN1;Q8R2P8	46	17	292,4543	0,525289	1,136649	Lysine--tRNA ligase OS=Mus musculus OX=10090 GN=Kars1 PE=1 SV=1	11600,76	11329,02	9995,391	8933,119	12644,42	10018,16	6040,458	8123,021
O70378;M0QWP2;M0QWY0	11	1	88,5206	0,525664	1,884363	ER membrane protein complex subunit 8 OS=Mus musculus OX=10090 GN=Emc8 PE=1 SV=1	242,584	1090,38	235,23	0	177,2581	1486,149	0	849,3486
P84078;D3YV25;E9Q2C2;P61205; Q8BSL7	29	12	208,5145	0,525973	1,086329	ADP-ribosylation factor 1 OS=Mus musculus OX=10090 GN=Arf1 PE=1 SV=2	40871,27	41013,28	42388,25	34119,5	50987,31	41324,27	39814,55	38197,39
P38060	19	3	164,3004	0,526298	1,236553	Hydroxymethylglutaryl-CoA lyase, mitochondrial OS=Mus musculus OX=10090 GN=Hmgcl PE=1 SV=2	1224,838	2241,743	1466,986	2020,781	126,157	2567,611	1648,276	1540,194
P58459	1	1	8,2214	0,526409	1,262961	A disintegrin and metalloproteinase with thrombospondin motifs 10 OS=Mus musculus OX=10090 GN=Adams10 PE=2 SV=3	1881,814	1855,909	1030,562	1935,387	1142,725	2062,453	1016,11	1086,612
Q99PA7	18	8	121,3225	0,527327	1,143391	MAGE family member A13 OS=Mus musculus OX=10090 GN=Magea13 PE=1 SV=1	5481,535	5478,225	4912,356	3688,325	6297,193	3936,236	4699,074	4799,54
Q91WU5;A0A494B985;A0A494B9 D3	26	8	148,4884	0,527623	1,213816	Arsenite methyltransferase OS=Mus musculus OX=10090 GN=As3mt PE=1 SV=2	1020,166	1070,955	971,6555	1721,899	800,2483	968,2527	1065,756	1367,175
Q61941;E9Q8F4;Q8BGK0;Q8C9V 5	52	12	351,3419	0,527643	1,115859	NAD(P) transhydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Nnt PE=1 SV=2	8432,228	5882,639	5737,158	7060,992	6680,708	6873,962	5818,09	6178,178
P60229	40	13	275,311	0,527833	1,129966	Eukaryotic translation initiation factor 3 subunit E OS=Mus musculus OX=10090 GN=Eif3e PE=1 SV=1	14815,9	14048,78	11782,16	10499,59	14997,63	9724,214	10553,68	10240,3
Q9WVM1	20	3	114,629	0,527972	1,122986	Rac GTPase-activating protein 1 OS=Mus musculus OX=10090 GN=Racgap1 PE=1 SV=1	1920,673	2137,691	1437,176	1715,024	1818,822	1893,927	1621,945	1594,712
F6Y616;D3Z3J6;G3UYE5;G3UZ67; G3UZS6;Q8VE62	11	2	59,2434	0,529183	1,847216	Polyadenylate-binding protein-interacting protein 1 OS=Mus musculus OX=10090 GN=Paip1 PE=1 SV=2	3614,928	2871,384	2634,296	2207,197	3207,579	2336,372	11295,09	2187,807
A2A483;A2A482;A2A484;A2A485 ;E9Q8D1;Q3U1M7;Q3UH28	9	1	38,707	0,529829	1,343641	Zinc finger, MYND-type-containing 8 OS=Mus musculus OX=10090 GN=Zmynd8 PE=1 SV=1	437,5629	796,5328	1198,331	287,9386	1003,443	1043,255	488,1511	1120,345
Q8JZQ9;A0A0G2JG48	60	21	444,7729	0,530183	1,17071	Eukaryotic translation initiation factor 3 subunit B OS=Mus musculus OX=10090 GN=Eif3b PE=1 SV=1	11328,81	8753,531	10886,67	6731,929	10104,26	9343,752	6314,423	6441,05
Q62189;D3Z0S6;D6R183	17	7	120,089	0,530466	1,142516	U1 small nuclear ribonucleoprotein A OS=Mus musculus OX=10090 GN=Snrpa PE=1 SV=3	19501,27	14559,58	14441,51	14912,65	20431,79	16982,31	17482,33	13130,29
A2AJK6	7	1	27,9446	0,530838	1,24808	Chromodomain-helicase-DNA-binding protein 7 OS=Mus musculus OX=10090 GN=Chd7 PE=1 SV=1	2269,121	1999,45	1536,896	1272,31	1900,522	1649,363	608,4124	1512,636
Q9EQN3;D3YZZ4;F6VXN4	4	1	24,6245	0,531627	1,434868	TSC22 domain family protein 4 OS=Mus musculus OX=10090 GN=Tsc22d4 PE=1 SV=2	34,0599	65,58988	72,52491	100,9856	72,11019	63,88651	86,31663	94,97243

P61211;F8WIB1	8	1	44,5069	0,532079	1,161543	ADP-ribosylation factor-like protein 1 OS=Mus musculus OX=10090 GN=Arl1 PE=1 SV=1	1466,272	1047,732	1548,394	1181,445	1663,564	1853,349	1454,097	1119,939
Q0P678;G3X8T2;H3BIW0;H3BJJ9	34	7	203,5198	0,532416	1,112025	Zinc finger CCCH domain-containing protein 18 OS=Mus musculus OX=10090 GN=Zc3h18 PE=1 SV=1	7284,772	6368,549	5205,434	5134,393	5965,305	5061,556	4719,604	5829,627
Q9WTX5;E9PUV4	19	4	110,5074	0,532541	1,400816	S-phase kinase-associated protein 1 OS=Mus musculus OX=10090 GN=Skp1 PE=1 SV=3	669,6816	796,3807	783,2919	1314,644	646,1753	659,8683	1784,921	760,999
P97742;A0A494BAD3	14	3	89,9688	0,532798	1,240817	Carnitine O-palmitoyltransferase 1, liver isoform OS=Mus musculus OX=10090 GN=Cpt1a PE=1 SV=4	1134,97	1907,673	1335,221	1353,507	2189,178	1211,533	1554,421	1057,969
Q8BMJ3;A0A1Y7VNG9;Q3UT53	13	1	100,3377	0,533148	1,152662	Eukaryotic translation initiation factor 1A, X-chromosomal OS=Mus musculus OX=10090 GN=Eif1ax PE=2 SV=3	4613,275	3187,728	4693,947	3349,64	4240,695	3519,001	4263,829	3111,586
Q9JHU9	15	2	76,0745	0,533907	1,256973	Inositol-3-phosphate synthase 1 OS=Mus musculus OX=10090 GN=Isyna1 PE=1 SV=1	8358,961	5973,774	5920,508	3775,704	6314,74	4609,687	3998,784	5560,886
Q8JZN7	7	2	45,4855	0,534087	1,16089	Mitochondrial Rho GTPase 2 OS=Mus musculus OX=10090 GN=Rhot2 PE=1 SV=1	625,0188	455,4404	455,9592	621,4036	462,6284	425,4612	626,2584	526,0823
P57780;A0A1L1SV25;A0A1L1SVJ6;D3Z0L8;D3Z761;E9Q2W9	117	16	823,9106	0,534439	1,135655	Alpha-actinin-4 OS=Mus musculus OX=10090 GN=Actn4 PE=1 SV=1	27110,75	21923,96	16059,82	18208,81	20229,15	20480,85	16334,86	18940,12
P47809;B1ATL6	11	3	61,7431	0,534478	1,819291	Dual specificity mitogen-activated protein kinase kinase 4 OS=Mus musculus OX=10090 GN=Map2k4 PE=1 SV=2	314,5313	331,7131	377,6662	312,0231	240,06	447,2139	1397,74	345,439
G5E924;G3UY38;G3UY56	58	1	364,2789	0,535539	1,133923	Heterogeneous nuclear ribonucleoprotein L (Fragment) OS=Mus musculus OX=10090 GN=Hnrnpl PE=1 SV=1	2454,065	1939,731	1268,882	2135,442	2280,493	2318,812	2396,352	1846,813
P62242	29	13	209,1081	0,535668	1,14988	40S ribosomal protein S8 OS=Mus musculus OX=10090 GN=Rps8 PE=1 SV=2	31948,9	29282,52	26009,27	24083,57	32793,82	25606,8	15345	23068,19
D3Z1D3	2	1	8,9698	0,535686	1,257339	Cardiac-enriched FHL2-interacting protein OS=Mus musculus OX=10090 GN=CEFIP PE=1 SV=1	1893,39	1409,932	1102,695	999,2099	1666,14	1124,347	460,9074	1047,548
Q8C3Q5	2	1	13,5775	0,535958	1,26675	Protein shisa-7 OS=Mus musculus OX=10090 GN=Shisa7 PE=1 SV=3	2712,575	2479,582	2110,622	2605,951	3143,485	1826,064	4317,927	2370,407
Q8R2Z5	4	1	22,527	0,536012	1,47452	von Willebrand factor A domain-containing protein 1 OS=Mus musculus OX=10090 GN=Vwa1 PE=1 SV=1	93,08055	151,6159	345,5397	238,7291	181,963	255,7968	245,9009	178,6131
O35083;A0A0R4J263;G3UWV6	6	1	33,2984	0,536233	1,350006	1-acyl-sn-glycerol-3-phosphate acyltransferase alpha OS=Mus musculus OX=10090 GN=Agpat1 PE=1 SV=1	497,736	886,406	692,6187	954,0585	50,6119	1476,923	859,9169	787,0736
Q61084	14	1	80,1655	0,536468	1,225397	Mitogen-activated protein kinase kinase kinase 3 OS=Mus musculus OX=10090 GN=Map3k3 PE=1 SV=1	4656,377	2520,311	3841,945	3553,608	3980,152	2732,657	2485,861	3534,989
P61161	26	6	169,6805	0,536831	1,111219	Actin-related protein 2 OS=Mus musculus OX=10090 GN=Actr2 PE=1 SV=1	2148,466	1836,932	2417,868	1483,652	2148,231	2234,654	1846,291	1628,232
Q8R016;E9PY26;E9PZH4;E9Q6V3	25	4	169,3306	0,537453	1,16886	Bleomycin hydrolase OS=Mus musculus OX=10090 GN=Blmh PE=1 SV=1	1009,699	1299,49	1469,169	1277,025	1679,234	1012,758	362,768	1342,278

D3YXP6;Q9D1G2	2	1	10,569	0,537729	1,093119	Phosphomevalonate kinase OS=Mus musculus OX=10090 GN=Pmvk PE=1 SV=1	2913,935	2337,119	2871,779	2316,993	2861,564	2152,183	2297,831	2238,918
Q9DAW9;A0A0G2JDV8;A0A0G2JF C8;A0A0G2JFG3;A0A0G2JFI6	24	9	177,421	0,53791	1,109787	Calponin-3 OS=Mus musculus OX=10090 GN=Cnn3 PE=1 SV=1	3949,401	4686,064	5483,932	3900,27	5836,855	4590,201	4304,489	4483,17
Q3U308;G3UXB4	7	1	36,8234	0,538014	2,575152	Cytoplasmic tRNA 2-thiolation protein 2 OS=Mus musculus OX=10090 GN=Ctu2 PE=1 SV=1	943,0196	44,60786	283,0983	487,3916	51,30471	107,3426	220,4116	328,2556
Q8BG05;A2AL12;A2AL13	65	27	414,699	0,538222	1,105441	Heterogeneous nuclear ribonucleoprotein A3 OS=Mus musculus OX=10090 GN=Hnrnpa3 PE=1 SV=1	38752,32	30998,3	31020,55	29709,71	30538,19	34710,7	27293,14	25493,15
Q80ZX0;F6YIN5	29	5	206,5892	0,538711	1,097127	Sec24-related gene family, member B (S. cerevisiae) OS=Mus musculus OX=10090 GN=Sec24b PE=1 SV=1	1547,875	1713,873	1942,944	1864,993	1392,914	1610,951	1785,885	1863,739
Q99LW0;Q8BG46	3	1	25,8397	0,538743	1,767762	Ankyrin repeat domain-containing protein 10 OS=Mus musculus OX=10090 GN=Ankrd10 PE=2 SV=2	11,0141	26,85641	28,59266	49,19142	4,45354	27,41236	19,88819	13,6702
G3UWI4	1	1	5,0029	0,538886	1,220632	Death domain-associated protein 6 (Fragment) OS=Mus musculus OX=10090 GN=Daxx PE=1 SV=8	268,8909	229,5215	202,3638	298,5971	284,6437	367,6941	230,9661	336,5634
Q2KN98;A0A0R4J0J8;A0A1W2P7 85	26	2	127,2101	0,538888	1,165397	Cytospin-A OS=Mus musculus OX=10090 GN=Specc1l PE=1 SV=1	196,9261	389,5988	602,7928	291,5514	554,6848	429,5823	343,3774	398,1567
Q8R574	24	6	174,2652	0,539627	1,263709	Phosphoribosyl pyrophosphate synthase-associated protein 2 OS=Mus musculus OX=10090 GN=Prpsap2 PE=1 SV=1	1837,833	2230,159	2754,558	2090,743	1950,539	1907,333	2030,306	1851,049
Q6PIX9;A2A6P6	10	5	48,8022	0,540286	1,307705	Uncharacterized protein C17orf80 homolog OS=Mus musculus OX=10090 GN=D11Wsu47e PE=2 SV=3	1853,774	1692,5	1894,522	1045,935	1632,661	1886,127	3569,208	1394,733
P47911;A0A0J9YU32	48	35	219,8937	0,541171	1,084561	60S ribosomal protein L6 OS=Mus musculus OX=10090 GN=Rpl6 PE=1 SV=3	36335,83	35858,14	35961,9	35380,57	42482,77	30841,49	28541,42	30479,56
Q9EST4	3	1	17,1491	0,541217	1,101675	Proteasome assembly chaperone 2 OS=Mus musculus OX=10090 GN=Psmg2 PE=1 SV=1	3224,806	3550,993	4451,516	3261,99	4106,263	2758,197	3358,451	3127,013
P49312;Q5EBP8	76	32	393,6764	0,541245	1,095469	Heterogeneous nuclear ribonucleoprotein A1 OS=Mus musculus OX=10090 GN=Hnrnpa1 PE=1 SV=2	82793,33	91644,68	88910,95	91976,87	94340,11	108806,2	84053,99	83758,35
A0A3B2W433;A0A5H1ZRLO;Q8C0 X0	3	1	20,9992	0,54142	1,179985	Lebercilin-like protein OS=Mus musculus OX=10090 GN=Lca5l PE=3 SV=1	5289,391	4804,155	4030,593	6482,211	4660,032	4448,393	7537,834	3970,07
Q35382;Q8C391;Q9CXE1	16	2	100,6182	0,542762	1,375754	Exocyst complex component 4 OS=Mus musculus OX=10090 GN=Exoc4 PE=1 SV=2	359,7966	531,4832	659,6002	421,0793	305,0558	576,563	1212,828	398,845
Q9D662;A2AN97;A2AN98;A2AN9 9;A2ANA0	35	8	239,8172	0,543143	1,084483	Protein transport protein Sec23B OS=Mus musculus OX=10090 GN=Sec23b PE=1 SV=1	2780,713	2499,492	2799,192	2476,048	1973,233	2515,743	2859,293	2886,82
Q8BML1	20	3	90,1567	0,543471	1,334954	[F-actin]-monooxygenase MICAL2 OS=Mus musculus OX=10090 GN=Mical2 PE=1 SV=2	2009,243	1699,76	974,8583	1003,233	1565,671	1987,956	1391,212	716,4618
A0A7N9VRC4	25	2	123,2166	0,543911	1,225267	Uncharacterized protein OS=Mus musculus OX=10090 GN=Eppk1 PE=3 SV=1	414,06	649,5703	474,0881	375,6782	491,4195	415,5572	304,3505	511,8963
Q8VDF2;E9Q5Y5	53	14	389,7329	0,544109	1,193541	E3 ubiquitin-protein ligase UHRF1 OS=Mus musculus OX=10090 GN=Uhrf1 PE=1 SV=2	4549,24	3717,387	2580,199	3310,078	3376,112	2942,544	4987,106	2764,254

Q9QX47;H9KV00;H9KV01;H9KVC2;H9KV15	14	3	73,0897	0,544219	1,202661	Protein SON OS=Mus musculus OX=10090 GN=Son PE=1 SV=2	565,2106	736,2993	744,6906	592,3774	522,0519	833,3952	291,6821	633,6738
Q64378;A0A3B2WBD2	21	2	116,6309	0,544327	1,165602	Peptidyl-prolyl cis-trans isomerase FKBP5 OS=Mus musculus OX=10090 GN=Fkbp5 PE=1 SV=1	1422,137	813,8735	1172,694	705,1137	1251,596	1177,578	889,2329	1151,11
Q99M31	27	4	144,7563	0,544434	1,172248	Heat shock 70 kDa protein 14 OS=Mus musculus OX=10090 GN=Hspa14 PE=1 SV=2	9939,346	10369,01	6892,914	7103,947	8754,34	7340,882	6579,623	6589,623
Q5QNO6	3	1	19,7987	0,544528	1,276456	Oxysterol-binding protein 2 OS=Mus musculus OX=10090 GN=Osbp2 PE=1 SV=1	305,1126	606,7137	595,5956	678,4041	660,4335	500,6985	811,5779	817,4015
P47962;D3YYV8	40	19	248,5128	0,544792	1,143779	60S ribosomal protein L5 OS=Mus musculus OX=10090 GN=Rpl5 PE=1 SV=3	8384,986	7970,358	6758,018	5322,485	8055,781	6383,643	4985,957	5435,934
Q91XY3	8	1	32,7714	0,545233	4,832512	Protocadherin gamma A5 OS=Mus musculus OX=10090 GN=Pcdhga5 PE=2 SV=1	0	0	9,326823	32,43122	21,17973	0	40,01985	140,5966
Q9D3P1	10	1	56,3462	0,545586	1,494324	Trichohyalin-like protein 1 OS=Mus musculus OX=10090 GN=Tchhl1 PE=2 SV=2	921,9844	1156,082	923,1407	52,91014	696,1843	968,6718	1,158522	377,7967
P20108	24	11	150,4964	0,545648	1,110433	Thioredoxin-dependent peroxide reductase, mitochondrial OS=Mus musculus OX=10090 GN=Prdx3 PE=1 SV=1	22759,23	21851,57	15782,99	19768,74	21445,72	25370,49	18722,04	21147,2
P10287	5	1	21,8028	0,545673	1,332852	Cadherin-3 OS=Mus musculus OX=10090 GN=Cdh3 PE=1 SV=2	12,99729	41,17256	44,17256	222,2978	0	25,50998	215,9578	71,69706
Q99L45;E0CXJ3	35	13	252,8114	0,546132	1,065921	Eukaryotic translation initiation factor 2 subunit 2 OS=Mus musculus OX=10090 GN=Eif2s2 PE=1 SV=1	7379,469	8751,488	9166,565	8191,016	10216,91	8705,072	7950,956	8823,192
Q8BK67;A2AWQ2	47	15	291,5516	0,546545	1,092509	Protein RCC2 OS=Mus musculus OX=10090 GN=Rcc2 PE=1 SV=1	2721,315	2940,827	3282,942	2719,023	3706,419	2515,846	3400,527	2898,367
Q8CGC7;A0A0A6YWA4;A0A0A6YWH3	134	46	988,8853	0,54655	1,142934	Bifunctional glutamate/proline--tRNA ligase OS=Mus musculus OX=10090 GN=Eprs1 PE=1 SV=4	24843,03	22777,51	18765,93	17645,31	23871,4	19605,66	12195,82	17850,01
Q9WVK4	27	2	158,9315	0,547169	1,140563	EH domain-containing protein 1 OS=Mus musculus OX=10090 GN=Ehd1 PE=1 SV=1	6490,11	6207,591	4996,818	4402,359	6338,84	4782,384	3796,027	4456,41
Q99LI7	9	2	53,8839	0,548055	1,053866	Cleavage stimulation factor subunit 3 OS=Mus musculus OX=10090 GN=Cstf3 PE=1 SV=1	8391,751	7717,381	7064,246	7760,705	8252,316	7743,313	6913,737	7120,956
F6VYQ6	13	1	81,7381	0,549026	1,547449	Exosome component 10 OS=Mus musculus OX=10090 GN=Exosc10 PE=1 SV=1	270,3285	259,7775	301,4962	76,73847	80,86503	720,096	232,6835	119,6931
Q923D2;A0A0U1RPU7;E9PZC3;E9PZC4	4	1	25,2615	0,549045	1,103263	Flavin reductase (NADPH) OS=Mus musculus OX=10090 GN=Blvrb PE=1 SV=3	424,4681	342,5875	805,7285	376,3083	1077,133	365,7464	0	662,0491
Q3V086;Q61496	14	1	71,9964	0,54965	1,226164	RNA helicase OS=Mus musculus OX=10090 GN=Ddx4 PE=1 SV=1	6655,951	3591,56	4324,239	462,1691	4712,413	3657,265	3509,971	4056,728
Q99K95	3	1	9,7803	0,549746	1,309925	Replication termination factor 2 OS=Mus musculus OX=10090 GN=Rtf2 PE=1 SV=1	4062,767	1382,255	2420,737	2228,653	2683,464	1944,173	3784,211	2446,636
P99027;A0A5F8MPY2	26	10	113,1028	0,550048	1,111161	60S acidic ribosomal protein P2 OS=Mus musculus OX=10090 GN=Rplp2 PE=1 SV=3	17327,91	15105,47	15984,26	11682,5	16779,67	13807	14626,88	13478,05
E9PV04;A0A0N4SVM5	47	1	296,0124	0,550563	2,03194	RNA helicase OS=Mus musculus OX=10090 GN=Eif4a3l1 PE=3 SV=2	574,5679	134,8582	350,8149	1489,673	237,0071	300,7974	162,2353	554,876
Q8BH95	26	10	177,3964	0,550622	1,139383	Enoyl-CoA hydratase, mitochondrial OS=Mus musculus OX=10090 GN=Echs1 PE=1 SV=1	9128,099	7762,19	5436,228	7218,4	7060,221	9443,523	7166,927	6922,545

Gene ID	Chromosome	Start (kb)	End (kb)	Gene Name	OS	OX	GN	PE	SV	Start (bp)	End (bp)	Start (bp)	End (bp)	Start (bp)	End (bp)	Start (bp)	End (bp)	Start (bp)	End (bp)
Q8K4D3;Q5F228	1	1	7,155	0,550661	1,155849	Proton-coupled amino acid transporter 1	Mus musculus	OX=10090	GN=Slc36a1	PE=2	SV=1	2506,237	1656,252	1177,268	1753,205	1754,383	2204,832	1905,28	1916,085
Q9R1Q7	9	4	20,4372	0,551378	1,509048	Proteolipid protein 2	Mus musculus	OX=10090	GN=Plp2	PE=1	SV=1	902,9296	1111,218	1145,157	89,6028	832,5206	973,0245	84,44826	987,657
Q78PY7;Q3TJ56	95	23	599,1926	0,551551	1,068747	Staphylococcal nuclease domain-containing protein 1	Mus musculus	OX=10090	GN=Snd1	PE=1	SV=1	19904,79	22858,84	19137,91	20532,82	23833,86	20259,63	19566,78	21679,04
Q3TKR3	26	3	137,5799	0,552454	1,501171	NACHT, LRR and PYD domains-containing protein 4C	Mus musculus	OX=10090	GN=Nlrp4c	PE=2	SV=1	2046,603	367,9831	865,2203	602,6589	1071,935	790,8439	135,4279	588,0841
P63166;A0A087WRQ4	9	1	38,3474	0,552509	1,095999	Small ubiquitin-related modifier 1	Mus musculus	OX=10090	GN=Sumo1	PE=1	SV=1	12904,64	10625,74	9049,65	9077,318	11275,12	10571,72	11123,12	9715,405
P62270;A0A1Y7VKY1;A0A3Q4EG P3;F6YVP7;S4R1N6	34	19	159,1628	0,552608	1,104741	40S ribosomal protein S18	Mus musculus	OX=10090	GN=Rps18	PE=1	SV=3	20141,84	20466,87	20844,78	18098,73	23904,21	19231,72	25061,79	19686,89
P27773;F6Q404	136	73	691,873	0,553151	1,131921	Protein disulfide-isomerase A3	Mus musculus	OX=10090	GN=Pdia3	PE=1	SV=2	72836,62	61682,79	53223,8	52410,36	59183,35	68194,44	29933,01	54853,8
Q8BP67	20	13	112,5041	0,553669	1,07052	60S ribosomal protein L24	Mus musculus	OX=10090	GN=Rpl24	PE=1	SV=2	43899,91	38513,66	40375,32	34571,67	44612,54	35524,1	33422,39	33619,21
Q8BJ03	2	1	12,3922	0,553796	1,321722	Cytochrome c oxidase assembly protein COX15 homolog	Mus musculus	OX=10090	GN=Cox15	PE=1	SV=1	80,65016	573,8691	206,4208	458,2077	0	919,5369	259,9625	305,5985
Q8C156	17	5	103,9128	0,55414	1,235509	Condensin complex subunit 2	Mus musculus	OX=10090	GN=Ncaph	PE=1	SV=1	2082,428	1216,612	1974,689	2268,332	1463,283	1453,731	1455,954	1994,848
A0A1L1SVK0;A0A1L1SQ76;A0A1L1SQV7;A0A1L1SRD0;Q61206	10	5	78,8006	0,554648	1,139453	Platelet-activating factor acetylhydrolase IB subunit alpha2 (Fragment)	Mus musculus	OX=10090	GN=Pafah1b2	PE=1	SV=1	2999,792	2285,551	2966,255	1905,191	2959,632	1690,546	2207,205	2056,355
D3Z5F7	10	1	59,0639	0,554901	1,29108	Predicted gene 20521	Mus musculus	OX=10090	GN=Gm20521	PE=3	SV=1	333,8581	449,7852	954,5783	615,828	562,6678	439,9121	732,0037	559,4924
P61290;A2A4J1;A2A4J3	18	4	131,0978	0,55503	1,124125	Proteasome activator complex subunit 3	Mus musculus	OX=10090	GN=Psmc3	PE=1	SV=1	5396,75	6049,705	6994,551	5608,894	7445,11	4721,442	4933,795	5239,402
Q3UDE2;F2Z423	38	7	270,6074	0,555053	1,067226	Tubulin--tyrosine ligase-like protein 12	Mus musculus	OX=10090	GN=Ttll12	PE=1	SV=1	9657,207	8386,587	8315,496	7403,663	9398,831	7681,954	7759,071	8820,819
Q9D880	20	6	146,0984	0,555442	1,186302	Mitochondrial import inner membrane translocase subunit TIM50	Mus musculus	OX=10090	GN=Timm50	PE=1	SV=1	16179,97	8936,547	9752,71	10323,81	12283,48	10620,51	3378,915	11812,82
Q9CR21;F6ZFT1;F8WJ64	9	3	66,0153	0,555998	1,111149	Acyl carrier protein, mitochondrial	Mus musculus	OX=10090	GN=Ndufab1	PE=1	SV=1	3206,256	2407,021	1930,428	2211,38	2557,616	2610,832	2480,683	3190,219
P62874;H3BKR2;H3BLF7	26	5	185,7277	0,55628	1,090182	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1	Mus musculus	OX=10090	GN=Gnb1	PE=1	SV=3	18602,14	16634,37	18981,14	15732,42	21375,96	18625,11	21098,53	15157,65
Q8R5J9	11	3	76,9239	0,556505	1,14115	PRA1 family protein 3	Mus musculus	OX=10090	GN=Arl6ip5	PE=1	SV=2	10735,28	9362,461	8794,432	11856,39	6949,765	11035,85	5748,6	11974,11

Q3UIR3	8	1	37,5636	0,557136	1,190953	E3 ubiquitin-protein ligase DTX3L OS=Mus musculus OX=10090 GN=Dtx3l PE=1 SV=1	173,4179	189,2893	336,7476	220,8805	166,1257	200,095	178,1754	228,3761
Q9EP71;A0A2I3BPY7	19	5	97,0118	0,557547	1,19236	Ankycorbin OS=Mus musculus OX=10090 GN=Rai14 PE=1 SV=1	484,5	328,3069	579,5216	335,3246	485,9764	261,998	331,6489	369,3128
P00493	20	2	141,0332	0,557664	1,185039	Hypoxanthine-guanine phosphoribosyltransferase OS=Mus musculus OX=10090 GN=Hprt1 PE=1 SV=3	2161,834	1464,35	2031,423	777,7889	2420,479	1378,23	2047,214	1780,268
Q8BG32;G3UWV7;G3UWW7;G3UX15;G3UX67;G3UXL5;G3UYH2;G3UYI4;G3UYL3;G3UYL8;G3UZ28	38	11	271,4284	0,557992	1,110431	26S proteasome non-ATPase regulatory subunit 11 OS=Mus musculus OX=10090 GN=Psm11 PE=1 SV=3	14738,5	12908,83	12046,79	10729,81	15105,01	11577,16	10497,35	11061,94
Q3TEI4;A0A1L1SRV4;A0A1L1SUR6	2	1	14,459	0,558855	1,118061	Uncharacterized protein C15orf39 homolog OS=Mus musculus OX=10090 PE=1 SV=2	21182,24	19572,37	22559,45	16867,91	26250,5	16817,58	18061,69	18366,16
P63028;D3YU75	20	9	100,7402	0,5589	1,152814	Translationally-controlled tumor protein OS=Mus musculus OX=10090 GN=Tpt1 PE=1 SV=1	1914,801	2510,872	3076,703	1969,623	1556,818	2253,285	2117,182	2582,621
Q9R1Q8	19	6	161,3031	0,559152	1,140293	Transgelin-3 OS=Mus musculus OX=10090 GN=Tagln3 PE=1 SV=1	6563,861	4828,269	4724,986	3884,48	5806,612	4853,617	5927,167	4454,521
Q8R127;J3QNN5	21	6	119,8528	0,559307	1,126974	Saccharopine dehydrogenase-like oxidoreductase OS=Mus musculus OX=10090 GN=Sccpdh PE=1 SV=1	2927,952	2960,727	2101,057	2975,919	2608,596	3665,974	2689,874	2858,962
Q9JHJ0;A0A1L1SQ12;A0A1L1SR42	16	4	80,364	0,559763	1,259308	Tropomodulin-3 OS=Mus musculus OX=10090 GN=Tmod3 PE=1 SV=1	6597,096	4407,977	4390,108	2617,692	6240,696	4557,043	3481,193	3546,698
B1AU3;B1AUX5;B1AU2;E9PYS6;Q3TE27;Q80Z68	10	1	63,5113	0,559998	1,249403	Rho GTPase-activating protein 4 OS=Mus musculus OX=10090 GN=Arhgap4 PE=1 SV=1	295,8796	386,5321	379,0093	530,5532	373,115	303,4742	828,092	470,435
A0A0G2JFT8	40	2	224,2095	0,5603	1,468554	Protein RUFY3 OS=Mus musculus OX=10090 GN=Rufy3 PE=1 SV=1	140,4036	118,0522	138,8876	197,3949	125,9507	96,15753	267,5763	264,8385
Q6PEV3;D3Z0K7	3	1	18,1792	0,560455	1,375951	WAS/WASL-interacting protein family member 2 OS=Mus musculus OX=10090 GN=Wipf2 PE=1 SV=1	8868,164	31407,02	58416,53	36898,44	15917,41	39155,51	48687,37	56863,33
G3UXL2;Q9D7G0	22	5	121,324	0,560608	1,075123	Ribose-phosphate diphosphokinase OS=Mus musculus OX=10090 GN=Prps1l3 PE=3 SV=1	3478,858	3232,872	3274,962	2823,859	3696,623	2715,684	2648,646	2950,153
Q8N9S3;A2AF81;A2AF82;F6S1R2	14	2	94,7981	0,561578	1,228796	Activator of 90 kDa heat shock protein ATPase homolog 2 OS=Mus musculus OX=10090 GN=Ahsa2 PE=1 SV=2	348,0227	208,7212	224,8943	315,4238	253,4475	166,9937	324,7586	254,2608
Q9D0T1	11	5	85,3458	0,562156	1,106004	NHP2-like protein 1 OS=Mus musculus OX=10090 GN=Snu13 PE=1 SV=4	20098,05	15715,18	13842,64	13454,21	17653,31	20183,19	15026,66	16936,88
Q8K2J0;F7AAE0	8	1	42,7369	0,562233	1,364796	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-3 OS=Mus musculus OX=10090 GN=Plcd3 PE=1 SV=2	1619,026	1522,717	1335,711	1249,923	1377,054	2946,252	953,0265	1084,461
Q8CD92;A0A3Q4EG57;A0A3Q4EHV3;A0A3Q4L363	13	2	81,3097	0,563361	1,133934	Tetratricopeptide repeat protein 27 OS=Mus musculus OX=10090 GN=Ttc27 PE=1 SV=2	3963,59	3138,601	2647,075	2389,26	2892,087	3551,685	2756,041	2580,879
A3KGW0	2	1	14,3171	0,563383	1,284202	Outer dense fiber protein 2 OS=Mus musculus OX=10090 GN=Odf2 PE=1 SV=1	2024,401	2255,194	1812,113	2451,179	2000,525	1815,461	220,4893	2920,685
Q9ESV0;A0A1Y7VKX7;A0A1Y7VLU4;F8WJAO	22	5	140,0995	0,563601	1,129364	ATP-dependent RNA helicase DDX24 OS=Mus musculus OX=10090 GN=Ddx24 PE=1 SV=2	9432,406	8015,323	6054,473	8273,207	8153,445	9801,3	7026,45	10904,81



Q9CR62;Q5SX46	17	2	112,8941	0,565364	1,219192	Mitochondrial 2-oxoglutarate/malate carrier protein OS=Mus musculus OX=10090 GN=Slc25a11 PE=1 SV=3	973,7682	618,726	778,5787	588,2727	769,1563	975,364	617,4107	875,1881
Q9CQV8;A2A5N1	45	8	255,7784	0,56545	1,150958	14-3-3 protein beta/alpha OS=Mus musculus OX=10090 GN=Ywhab PE=1 SV=3	6776,763	8087,818	8786,376	6816,849	10755,08	7420,08	5951,665	8725,036
E9Q718	26	2	153,0512	0,566425	1,204277	Procollagen-lysine 5-dioxygenase OS=Mus musculus OX=10090 GN=Plod2 PE=1 SV=1	457,2331	247,7515	737,6142	933,1353	574,5415	930,8905	629,4658	726,1452
Q80XR5;A0A140LJK3;P26369;Q3KQM4	18	7	150,1462	0,566669	1,209664	Splicing factor U2AF subunit OS=Mus musculus OX=10090 GN=U2af2 PE=1 SV=1	10472,05	14687,29	7044,66	8577,533	8732,13	10692,67	8307,358	7193,589
Q8CIM8	1	1	4,4062	0,566818	1,414419	Integrator complex subunit 4 OS=Mus musculus OX=10090 GN=Ints4 PE=1 SV=1	0	7,518731	63,6166	46,32885	16,04805	20,15653	26,98529	22,19042
A2AWA9;A2AWA7	11	1	54,7525	0,567449	1,687908	Rab GTPase-activating protein 1 OS=Mus musculus OX=10090 GN=Rabgap1 PE=1 SV=1	9,12674	437,4468	862,8565	656,6442	358,2709	97,54197	433,8273	629,2025
Q9DCT2	20	6	144,0871	0,568061	1,161106	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial OS=Mus musculus OX=10090 GN=Ndufs3 PE=1 SV=2	14988,81	10770,59	8690,682	10261,14	8106,084	12494,06	8952,89	8954,403
Q52KG4;A0A1B0GRT4;A0A1B0GS85	2	1	9,6802	0,568178	1,31901	Zinc finger and BTB domain-containing protein 45 OS=Mus musculus OX=10090 GN=Zbtb45 PE=2 SV=1	41,87258	134,479	101,5615	39,05978	16,58799	83,28288	97,78433	43,46737
Q9CX00	7	1	44,0828	0,568254	1,234131	IST1 homolog OS=Mus musculus OX=10090 GN=Ist1 PE=1 SV=1	1962,794	1834,588	2100,805	1443,127	2306,672	2055,525	510,3996	1247,736
Q00612;A3KG36	44	12	263,3449	0,568352	1,104271	Glucose-6-phosphate 1-dehydrogenase X OS=Mus musculus OX=10090 GN=G6pdx PE=1 SV=3	7616,461	6982,769	6451,146	6232,418	7593,878	6033,268	4291,244	6788,228
Q8C2E7	8	2	51,6228	0,56915	1,058018	WASH complex subunit 5 OS=Mus musculus OX=10090 GN=Washc5 PE=1 SV=2	3153,645	3109,834	2687,895	2627,511	3012,226	3076,671	2653,744	2852,542
Q9CRD2	18	3	124,2078	0,569316	1,292176	ER membrane protein complex subunit 2 OS=Mus musculus OX=10090 GN=Emc2 PE=1 SV=1	3575,619	3259,961	4155,317	2530,896	5161,045	4833,255	1625,453	4255,551
Q3TA59;A0A3B2W707	5	1	26,3475	0,569491	1,45327	JmjC domain-containing protein 8 OS=Mus musculus OX=10090 GN=Jmjd8 PE=2 SV=3	213,4414	677,5375	389,913	920,2017	153,7359	625,5815	285,7973	449,4651
Q61043;A0A1Y7VNC5;F8WJ43	81	7	526,6577	0,569562	1,298595	Ninein OS=Mus musculus OX=10090 GN=Nin PE=1 SV=4	5769,677	4578,816	3652,65	4258,629	9603,931	5227,941	4092,528	4018,706
E9Q8I9;A0A0J9YVH0;A0A5F8MPN1	18	3	84,1299	0,569925	1,171796	Protein furry homolog OS=Mus musculus OX=10090 GN=Fry PE=1 SV=1	1069,987	900,9616	805,9537	1032,658	719,2762	1250,666	1103,814	1258,576
Q04736	12	1	59,8208	0,569981	1,464469	Tyrosine-protein kinase Yes OS=Mus musculus OX=10090 GN=Yes1 PE=1 SV=3	7480,734	12853,79	3853,062	7718,657	10315,43	3935,877	13918,49	7760,038
P70451;Q3TZJ5	11	1	61,8797	0,570662	2,056769	Tyrosine-protein kinase Fer OS=Mus musculus OX=10090 GN=Fer PE=1 SV=2	6,171336	27,38487	30,69609	10,91927	0	77,67383	26,44505	12,17522
B2RXS4	45	4	248,6168	0,570982	1,257384	Plexin-B2 OS=Mus musculus OX=10090 GN=Plxnb2 PE=1 SV=1	2837,278	2676,256	1924,741	1699,528	3131,444	1633,941	2549,267	1343,9
E9Q9F6	4	1	24,1053	0,571266	1,133136	Cation channel sperm-associated auxiliary subunit delta OS=Mus musculus OX=10090 GN=Catsperd PE=1 SV=1	1056,017	892,7313	736,2931	1043,01	934,8134	809,8953	1210,135	1269,547

Q9Z0H0;G3UVV7;Q66JY4	8	1	46,2388	0,571464	1,249145	Cell division cycle 7-related protein kinase OS=Mus musculus OX=10090 GN=Cdc7 PE=1 SV=2	271,208	338,2684	148,2122	312,4205	152,165	369,2854	124,022	423,981
Q7TT79	7	3	24,4947	0,571495	1,686943	Microcephalin OS=Mus musculus OX=10090 GN=Mcp1 PE=1 SV=1	2045,562	2297,524	1492,588	1649,63	1718,578	1617,44	5931,637	1300,197
F6QA74;D3Z124;D3Z6R9;P28352	14	2	106,4723	0,571852	1,478048	DNA-(apurinic or apyrimidinic site) endonuclease (Fragment) OS=Mus musculus OX=10090 GN=Apex1 PE=1 SV=1	1267,992	1375,517	1224,865	1215,387	3420,745	927,6253	1172,237	1341,492
O35874;Q5SSP3	3	1	14,0429	0,572515	1,347107	Neutral amino acid transporter A OS=Mus musculus OX=10090 GN=Slc1a4 PE=1 SV=1	17,6162	52,77916	19,55399	58,54646	0,147286	54,80927	27,47713	27,79939
P62849;A0A286YEB7	9	3	70,7935	0,572907	1,166606	40S ribosomal protein S24 OS=Mus musculus OX=10090 GN=Rps24 PE=1 SV=1	6203,002	5742,783	6854,91	4389,235	7904,441	4628,932	2272,177	5657,01
A0A1W2P7X0;E9QMV2;Q4KML4	5	3	45,6958	0,573378	1,332238	ABRA C-terminal-like protein (Fragment) OS=Mus musculus OX=10090 GN=Abracl PE=1 SV=1	1128,204	1270,51	1532,259	1150,574	3104,744	1208,842	1365,384	1081,487
O54916;D3Z2E3;E9Q632;F6R6F1;F6YT69	9	1	48,6406	0,57359	5,419024	RalBP1-associated Eps domain-containing protein 1 OS=Mus musculus OX=10090 GN=Reps1 PE=1 SV=2	2,720417	5,72456	49,86849	225,4458	17,35229	28,23245	742,5421	46,42051
P61028	15	1	80,5825	0,573877	1,365798	Ras-related protein Rab-8B OS=Mus musculus OX=10090 GN=Rab8b PE=1 SV=1	253,1823	109,9553	191,6108	42,8528	268,8523	163,7811	41,32868	228,7927
Q9QY93	6	1	46,6423	0,57397	1,251481	dCTP pyrophosphatase 1 OS=Mus musculus OX=10090 GN=Dctpp1 PE=1 SV=1	126,1148	75,33597	27,57674	18,05834	41,22087	101,5658	41,53995	73,10483
Q6NXY1;F6T4B0	10	2	53,4407	0,574006	1,204022	TBC1 domain family member 31 OS=Mus musculus OX=10090 GN=Tbc1d31 PE=1 SV=1	164,4313	149,6703	167,5337	90,10843	204,0251	109,6452	108,5384	106,2797
Q9CPT5;D3Z7M5	17	5	109,6187	0,575225	2,022767	Nucleolar protein 16 OS=Mus musculus OX=10090 GN=Nop16 PE=1 SV=1	1178,46	1050,444	1138,402	495,2251	1069,225	548,6591	3821,158	773,9498
S4R2K9;A0A1W2P812;S4R1S2	26	1	117,3873	0,575394	1,125264	Ankyrin-3 (Fragment) OS=Mus musculus OX=10090 GN=Ank3 PE=1 SV=1	1302,163	1180,34	962,1012	986,1129	933,3625	1239,074	663,0924	1101,962
B1AT92;Q60631	5	2	23,8251	0,575489	1,062884	Growth factor receptor-bound protein 2 OS=Mus musculus OX=10090 GN=Grb2 PE=1 SV=1	1373,827	1222,798	1225,225	1170,498	1325,236	1155,823	1256,764	1422,322
V9GWT1	2	1	8,8487	0,575537	1,420602	Reproductive homeobox 3F (Fragment) OS=Mus musculus OX=10090 GN=Rhox3f PE=4 SV=1	1508,951	724,8682	981,3689	2220,867	1501,182	657,2201	850,934	1232,076
A8HG57	2	1	8,9	0,57559	1,251274	Predicted gene, 21725 OS=Mus musculus OX=10090 GN=Srsy PE=2 SV=1	555,4526	161,2528	370,2256	277,7532	340,3664	457,0994	228,6146	313,8943
Q9JI13	6	1	25,6531	0,575871	1,389929	Something about silencing protein 10 OS=Mus musculus OX=10090 GN=Utp3 PE=1 SV=1	111,56	164,874	80,40819	113,2091	163,4434	185,3532	57,92495	100,8002
Q80TL1;Q3V1Q3	3	1	13,7898	0,57588	1,332823	Adenylate cyclase type 2 OS=Mus musculus OX=10090 GN=Adcy2 PE=1 SV=2	672,4318	230,1216	739,8192	478,485	433,9784	854,6123	802,7561	735,3814
Q8VDN2	71	15	501,3009	0,575883	1,133056	Sodium/potassium-transporting ATPase subunit alpha-1 OS=Mus musculus OX=10090 GN=Atp1a1 PE=1 SV=1	28873,89	23488,38	16965,25	22107,95	20405,97	28886,29	21677,32	22423,58
Q3UYC0	2	1	13,4442	0,576111	1,1543	Protein phosphatase 1H OS=Mus musculus OX=10090 GN=Ppm1h PE=1 SV=1	2413,44	1955,318	1370,192	2131,838	1852,227	1819,886	1893,733	1252,822

Q6URW6;A0A140LHX1;A0A140LI60;K3W4R2	142	15	988,9872	0,576849	1,14804	Myosin-14 OS=Mus musculus OX=10090 GN=Myh14 PE=1 SV=1	2539,608	2295,074	2087,964	1557,393	2236,096	2751,498	1679,48	1882,689
Q8BMF4	41	14	280,7672	0,577185	1,114447	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial OS=Mus musculus OX=10090 GN=Dlat PE=1 SV=2	30277,61	25035,11	18537,08	22144,13	24187,55	26879,19	22492,3	25665,29
Q9CZX0;A0A286YDB8	31	3	180,3967	0,577234	1,07037	Elongator complex protein 3 OS=Mus musculus OX=10090 GN=Elp3 PE=1 SV=1	4021,653	3202,426	2872,196	3158,14	3584,361	3416,586	3259,687	3533,51
O70585;G3UXK0;G3UY34;G3UYK9;G3UYM7;G3UZ87;G3UZI3;Q8C8Z9;Q8K0N0	8	3	56,6524	0,577592	2,499345	Dystrobrevin beta OS=Mus musculus OX=10090 GN=Dtnb PE=1 SV=3	326,7444	2031,623	492,5005	344,5537	3025,255	2103,33	2724,401	133,4742
P30416;F6S2D5;F7CAT1	58	21	399,6545	0,577886	1,106382	Peptidyl-prolyl cis-trans isomerase FKBP4 OS=Mus musculus OX=10090 GN=Fkbp4 PE=1 SV=5	28533,17	27829,16	27126,54	24480,49	33096,06	23151,46	16734,78	24605,47
Q3THE2;Q9CQ19	22	1	181,5673	0,57791	1,707041	Myosin regulatory light chain 12B OS=Mus musculus OX=10090 GN=Myl12b PE=1 SV=2	17,2671	13,99774	15,38252	30,11987	18,49249	21,85741	42,74202	47,95287
Q8K2L8;Q8COC3	7	2	27,8425	0,578386	2,418255	Trafficking protein particle complex subunit 12 OS=Mus musculus OX=10090 GN=Trappc12 PE=1 SV=2	270,489	53,12857	275,8852	83,73348	258,1347	98,92032	1175,719	119,4659
P63082;E9Q9C5	5	3	31,6256	0,578927	1,108361	V-type proton ATPase 16 kDa proteolipid subunit c OS=Mus musculus OX=10090 GN=Atp6v0c PE=1 SV=1	9013,381	10058,36	7362,181	9811,454	7317,075	10923,46	8961,939	9818,035
Q9D6T0;A0A1B0GS48;A0A1B0GSR8;A0A1B0GT07	17	2	93,9992	0,579233	1,305243	Nitric oxide synthase-interacting protein OS=Mus musculus OX=10090 GN=Nosip PE=1 SV=1	206,3578	105,2549	70,78915	582,7134	204,539	148,3113	547,364	359,4952
P26041	71	18	516,501	0,579373	1,090614	Moesin OS=Mus musculus OX=10090 GN=Msn PE=1 SV=3	19395,32	14572,54	12177,32	13898,79	16326,15	15905,03	14877,57	16140,33
A0A571BG01;E9PZX1	11	1	67,1107	0,579467	1,670085	Death domain-containing 1 OS=Mus musculus OX=10090 GN=Dthd1 PE=4 SV=1	3199,696	4234,92	1507,95	1222,912	3335,455	2658,181	9219,813	1763,762
Q3UMU9	12	2	74,4092	0,580089	1,155106	Hepatoma-derived growth factor-related protein 2 OS=Mus musculus OX=10090 GN=Hdgfl2 PE=1 SV=1	3538,59	2017,349	1990,735	983,1406	2372,614	2510,108	2680,577	2289,539
Q99J62;D6RGM1;Q3UI84	14	1	93,1003	0,580171	1,290707	Replication factor C subunit 4 OS=Mus musculus OX=10090 GN=Rfc4 PE=1 SV=1	4004,594	3580,976	2038,375	1266,499	3627,027	2575,564	2706,593	2708,742
Q6PGF7	10	1	59,135	0,580351	1,277216	Exocyst complex component 8 OS=Mus musculus OX=10090 GN=Exoc8 PE=1 SV=1	1727,777	1559,692	2422,978	1128,471	1237,289	1704,513	1585,289	827,4566
Q8BJ71;A0A1D5RLQ0	47	10	298,4125	0,580443	1,093813	Nuclear pore complex protein Nup93 OS=Mus musculus OX=10090 GN=Nup93 PE=1 SV=1	8893,028	8441,257	6874,569	7127,751	8678,275	8373,1	8150,131	7212,945
Q8BFW6	4	1	17,9004	0,581326	1,739128	Ectonucleoside triphosphate diphosphohydrolase 3 OS=Mus musculus OX=10090 GN=Entpd3 PE=1 SV=1	1931,632	3391,02	2103,683	1522,405	5665,427	3586,679	3458,385	744,2963
Q9QY06;A0A1D5RLD1;A0A1D5RLW4;E9QKV6	25	3	117,1203	0,581405	1,376074	Unconventional myosin-IXb OS=Mus musculus OX=10090 GN=Myo9b PE=1 SV=2	218,143	208,192	296,3569	121,1771	239,8829	169,4167	421,6863	174,9102
P55937;A0A0R4J1H6;E9QP99	18	6	80,1771	0,581444	1,103016	Golgin subfamily A member 3 OS=Mus musculus OX=10090 GN=Golga3 PE=1 SV=3	5265,358	4894,974	4748,894	4003,215	4389,05	4662,42	3149,176	4945,475

Q9QZD4;F7A043	4	1	19,8396	0,581872	5,296572	DNA repair endonuclease XPF OS=Mus musculus OX=10090 GN=Ercc4 PE=1 SV=3	52,7388	246,9216	4,836358	273,6813	51,16401	143,3099	45,97191	8,236961
Q78JW9;A0A0U1RQ55	7	2	40,9292	0,581964	1,184594	Ubiquitin domain-containing protein UBFD1 OS=Mus musculus OX=10090 GN=Ubfd1 PE=1 SV=2	19021,95	16883	12170,45	12851,44	16845,9	15144,84	7768,842	13014,24
Q6PE01	19	6	121,5465	0,582114	1,107634	U5 small nuclear ribonucleoprotein 40 kDa OS=Mus musculus OX=10090 GN=Snrrp40 PE=1 SV=1	4676,267	4359,755	3194,156	3922,462	3996,687	4429,273	3242,658	3444,804
P57784;G5E883	15	3	112,7519	0,582288	1,162884	U2 small nuclear ribonucleoprotein A' OS=Mus musculus OX=10090 GN=Snrpa1 PE=1 SV=2	3058,801	2668,854	1915,894	3158,096	3017,469	3249,174	3300,77	2993,651
Q9D8S9	2	1	9,7895	0,582383	1,116205	BolA-like protein 1 OS=Mus musculus OX=10090 GN=Bola1 PE=1 SV=1	523,2186	471,5441	398,2614	467,0388	541,0304	513,754	290,7535	328,4394
P68372	160	1	666,2981	0,583277	1,344716	Tubulin beta-4B chain OS=Mus musculus OX=10090 GN=Tubb4b PE=1 SV=1	15,7083	33,95614	51,31731	34,44193	22,80604	10,61825	5,596122	61,68762
F2Z493	1	1	4,5821	0,583907	1,592068	MAGE family member A4 (Fragment) OS=Mus musculus OX=10090 GN=Magea4 PE=4 SV=1	55,53728	116,504	148,6992	199,9538	71,31487	45,24162	38,17371	278,9312
Q9EQI8	17	2	103,4207	0,584134	1,141614	39S ribosomal protein L46, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl46 PE=1 SV=1	7109,664	5747,352	6495,35	4497,514	7455,413	4786,409	6177,927	5869,671
Q9CR67;A0A0R4J1Z3;Q9CZM3	12	5	94,3219	0,584154	1,164457	Transmembrane protein 33 OS=Mus musculus OX=10090 GN=Tmem33 PE=1 SV=1	5999,251	4968,437	3291,899	4830,417	4573,519	5206,044	2858,708	3755,638
O35381;D3YYE1;D3Z7M9;F6UFG6	16	1	106,9012	0,584936	1,325802	Acidic leucine-rich nuclear phosphoprotein 32 family member A OS=Mus musculus OX=10090 GN=Anp32a PE=1 SV=1	925,5537	1121,613	1385,726	516,7597	809,7544	865,0704	830,9755	473,2666
P06801;Q3TQP6	37	9	216,4081	0,585824	1,136932	NADP-dependent malic enzyme OS=Mus musculus OX=10090 GN=Me1 PE=1 SV=2	5980,027	6215,502	6564,865	6654,269	5663,448	8764,371	6033,842	6311,031
Q9Z130;D3YTQ3;F6VQH5	25	8	158,8527	0,586299	1,067234	Heterogeneous nuclear ribonucleoprotein D-like OS=Mus musculus OX=10090 GN=Hnrnpdl PE=1 SV=1	13768,85	13248,37	10926,82	11605,89	13134,9	14302,73	11915,4	12284,54
H3BK24;E9QKE9;H3BJL7;H3BJQ9;H3BKF6;H3BL09;H3BLS0	18	1	102,4476	0,586514	1,229731	Homeobox protein cut-like OS=Mus musculus OX=10090 GN=Cux1 PE=1 SV=2	2006,546	1586,03	1624,988	757,306	1863,892	1378,419	283,6418	1530,119
Q3UZV7	5	1	27,9399	0,587509	2,078482	Endosome/lysosome-associated apoptosis and autophagy regulator family member 2 OS=Mus musculus OX=10090 GN=Elapor2 PE=1 SV=1	300,653	340,23	144,1416	316,4737	385,6032	175,2109	1245,809	181,88
P14131	30	21	166,1477	0,587768	1,072211	40S ribosomal protein S16 OS=Mus musculus OX=10090 GN=Rps16 PE=1 SV=4	32297,93	26949,73	26260,52	25795,29	32670,93	26252,29	28003,15	27865,33
P35278;A2A5F5;A2A5F6;Q8C266	20	4	126,5513	0,587923	1,062445	Ras-related protein Rab-5C OS=Mus musculus OX=10090 GN=Rab5c PE=1 SV=2	3581,837	3003,906	2976,223	3324,635	3337,684	3085,078	2509,851	3196,583
A2ASJ0	2	2	9,7142	0,588099	2,201692	PRAME-like 28 OS=Mus musculus OX=10090 GN=Pramel28 PE=3 SV=1	2508,413	481,5047	747,2821	324,8048	365,0732	314,0511	246,8736	918,9492
Q9CQI6	9	1	57,3632	0,588161	1,243912	Coactosin-like protein OS=Mus musculus OX=10090 GN=Cotl1 PE=1 SV=3	2359,879	1903,562	2309,151	2592,57	2015,612	1596,212	1993,281	2376,556
Q91UZ1;V9GXQ9	33	3	196,5331	0,58847	1,181911	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase OS=Mus musculus OX=10090 GN=Plcb4 PE=1 SV=1	878,3378	614,9393	484,4089	605,7693	507,9675	640,2549	470,837	566,7693

Q99JR1	20	8	126,3576	0,588743	1,097328	Sideroflexin-1 OS=Mus musculus OX=10090 GN=Sfxn1 PE=1 SV=3	5705,962	5975,036	5627,994	4907,945	6010,563	6922,222	4219,148	4709,825
Q9EQK5;D3Z2N7;E9Q3X0	37	5	256,6629	0,588799	1,298212	Major vault protein OS=Mus musculus OX=10090 GN=Mvp PE=1 SV=4	6862,52	17106,65	12852,95	6417,326	23230,57	12664,9	3214,409	8388,765
Q9R0Q6;A0A0G2JF52	6	1	33,2388	0,589667	1,141915	Actin-related protein 2/3 complex subunit 1A OS=Mus musculus OX=10090 GN=Arpc1a PE=1 SV=1	2087,96	1787,229	1361,453	1542,113	1593,71	1707,862	1447,212	1382
B9EJ22;E9QLM4	9	2	43,4721	0,589874	1,120178	Mismatch repair endonuclease PMS2 OS=Mus musculus OX=10090 GN=Pms2 PE=1 SV=1	2315,278	3080,908	3248,73	2778,451	2891,873	2907,754	2294,478	2130,935
Q9R0Q1	11	1	69,1184	0,589949	2,591111	Synaptotagmin-like protein 4 OS=Mus musculus OX=10090 GN=Syt14 PE=1 SV=1	271,2554	171,5241	275,3142	2009,92	300,4792	426,8854	100,2733	225,198
Q8JZRO	28	4	163,9253	0,590119	1,171426	Long-chain-fatty-acid--CoA ligase 5 OS=Mus musculus OX=10090 GN=Acs15 PE=1 SV=1	2666,71	2430,55	2363,862	2056,062	2777,502	1884,153	732,0855	2730,7
Q8C483;A2AFS0;A2AFS1;P26638	46	20	350,7593	0,590121	1,08449	Seryl-tRNA synthetase OS=Mus musculus OX=10090 GN=Sars PE=1 SV=1	30182,59	30444,66	32067,76	24710,15	35775,75	23707,71	24785,22	24644,72
Q8BI72;A0A117Q4A1	24	8	162,9895	0,590643	1,170532	CDKN2A-interacting protein OS=Mus musculus OX=10090 GN=Cdkn2aip PE=1 SV=1	5297,071	3725,173	3056,441	2494,454	3907,875	3729,975	5855,212	3390,082
A0A2I3BR81;A0A2I3BQR1;A0A2I3BRLO;Q91X76	12	2	63,5236	0,590886	1,150265	5'-nucleotidase domain-containing 2 OS=Mus musculus OX=10090 GN=Nt5dc2 PE=1 SV=1	10629,73	9997,615	8752,537	9816,973	4211,525	10922,46	9977,783	8964,603
Q9R0K7;Q3UHH0;S4R1C4	58	1	337,1052	0,590986	1,149384	Plasma membrane calcium-transporting ATPase 2 OS=Mus musculus OX=10090 GN=Atp2b2 PE=1 SV=2	264,0883	142,4749	128,274	216,0738	159,3189	283,9325	181,7623	219,3889
Q6P5E4;G3UY35;G3UY73;G3UYG7;G3UZU8	105	35	873,0735	0,591294	1,123283	UDP-glucose:glycoprotein glucosyltransferase 1 OS=Mus musculus OX=10090 GN=Uggt1 PE=1 SV=4	20395,19	16953,91	14962,84	16101,08	18278,35	18356,56	14136,03	14679,56
Q6P5F6;A0A087WQF7;A0A087WRC8	4	1	18,1986	0,591309	1,084055	Zinc transporter ZIP10 OS=Mus musculus OX=10090 GN=Slc39a10 PE=1 SV=1	2024,208	1718,879	1759,726	1767,194	1450,308	2083,35	1913,783	2064,529
P01898	7	2	55,0863	0,591651	1,219833	H-2 class I histocompatibility antigen, Q10 alpha chain OS=Mus musculus OX=10090 GN=H2-Q10 PE=1 SV=3	1174,775	1223,147	1074,333	556,9579	1317,465	1043,96	968,8326	794,1758
P62855	9	5	45,6538	0,591723	1,241077	40S ribosomal protein S26 OS=Mus musculus OX=10090 GN=Rps26 PE=1 SV=3	38605,44	22275,18	36886,92	16579,97	42264,45	19216,63	8726,005	21928,59
Q9CQM9;A0A1B0GS58;A0A1B0GT04	20	4	170,1026	0,591891	1,162796	Glutaredoxin-3 OS=Mus musculus OX=10090 GN=Glrx3 PE=1 SV=1	2194,945	1427,941	2235,619	1190,533	2001,709	1518,568	1242,194	1570,473
Q0VAV2	6	1	27,0603	0,591911	2,262095	Exophilin-5 OS=Mus musculus OX=10090 GN=Exph5 PE=1 SV=1	106,2367	562,2963	171,5146	46,00815	99,27395	24,15089	176,3329	112,7417
Q7TMM9	158	1	646,2543	0,592012	1,125557	Tubulin beta-2A chain OS=Mus musculus OX=10090 GN=Tubb2a PE=1 SV=1	14278,82	12353,17	13027,37	11490,16	15842,82	10749,46	6722,895	12128,57
Q8VH51;B7ZD61;B7ZD63;E9Q8F0;F7AA45	29	7	222,7865	0,592949	1,078324	RNA-binding protein 39 OS=Mus musculus OX=10090 GN=Rbm39 PE=1 SV=2	7766,399	6345,64	6168,554	7878,5	5958,693	6490,368	6354,94	7309,747
Q9JMK2	9	1	50,0157	0,593088	1,581315	Casein kinase I isoform epsilon OS=Mus musculus OX=10090 GN=Csnk1e PE=1 SV=2	505,8172	311,442	334,0659	829,4968	392,1308	373,7644	1173,228	289,3378
Q8VEK3	86	43	513,1154	0,593312	1,114838	Heterogeneous nuclear ribonucleoprotein U OS=Mus musculus OX=10090 GN=Hnnpu PE=1 SV=1	77494,29	68822,43	56032,84	52843,39	65938,43	73713,24	48905,13	58926,33

Q9CWN7	7	1	30,5494	0,593745	1,100996	CCR4-NOT transcription complex subunit 11 OS=Mus musculus OX=10090 GN=Cnot11 PE=1 SV=1	4440,831	4158,686	3552,483	3110,164	3775,174	3829,518	3464,114	3401,938
Q8CGY8	32	7	160,178	0,594145	1,085879	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit OS=Mus musculus OX=10090 GN=Ogt PE=1 SV=2	1069,641	1346,316	981,6376	1034,675	1255,983	1143,861	992,2886	921,1439
Q80UZ0	6	1	34,0211	0,594379	2,623014	FYVE, RhoGEF and PH domain-containing protein 5 OS=Mus musculus OX=10090 GN=Fgd5 PE=1 SV=2	0	21,7497	461,6084	203,2323	159,5247	78,05685	82,93116	180,8544
P62858;G3UYV7	14	9	73,7653	0,594464	1,184898	40S ribosomal protein S28 OS=Mus musculus OX=10090 GN=Rps28 PE=1 SV=1	8448,353	9995,6	8213,613	6612,814	10771,77	6626,691	5248,52	7788,668
Q9R0Y5;A0A0A6YXW8;Z4YN97	14	8	109,8453	0,594886	1,141402	Adenylate kinase isoenzyme 1 OS=Mus musculus OX=10090 GN=Ak1 PE=1 SV=1	15605,85	13748,51	13525,53	9657,072	15769,06	11365,59	10763,13	10796,28
D3YX27;D3YX28;F6TCV0;F6XUR8;Q9JIY5;S4R1B3	16	9	111,9447	0,594989	1,08178	Serine protease HTRA2, mitochondrial OS=Mus musculus OX=10090 GN=Htra2 PE=1 SV=1	8338,953	7387,775	6189,491	5792,188	7447,313	7329,785	8361,969	6835,341
Q99MT2;A0A087WQG8;A0A087WQNO	5	1	37,1809	0,59525	1,166535	MutS protein homolog 4 OS=Mus musculus OX=10090 GN=Msh4 PE=2 SV=1	2374,711	1803,08	2466,812	2546,208	2620,868	1900,358	305,7028	3051,801
O08600	4	2	19,1611	0,596179	1,135639	Endonuclease G, mitochondrial OS=Mus musculus OX=10090 GN=Endog PE=1 SV=1	867,2125	631,9479	697,0342	904,8231	657,9794	905,3426	670,0251	497,2901
Q8R317;A0A286YE09	25	7	203,406	0,596186	1,142525	Ubiquilin-1 OS=Mus musculus OX=10090 GN=Ubqln1 PE=1 SV=1	1502,027	1365,48	1397,984	823,9072	1442,776	1157,422	963,8328	1227,002
P08752;A0A0A6YWA9;A2A610;A2AE31	31	5	269,8933	0,596204	1,14419	Guanine nucleotide-binding protein G(i) subunit alpha-2 OS=Mus musculus OX=10090 GN=Gnai2 PE=1 SV=5	9259,107	8707,081	6405,059	6594,118	5740,828	9560,101	5922,187	6982,172
Q6P572	7	1	35,5959	0,596378	1,470317	Phosphatidylinositol-3,5-bisphosphate 3-phosphatase OS=Mus musculus OX=10090 GN=Mtmr2 PE=1 SV=1	76,27754	10,51624	102,3221	90,19097	72,93421	15,88705	23,02917	167,2217
P70460	16	4	79,2057	0,596825	1,142786	Vasodilator-stimulated phosphoprotein OS=Mus musculus OX=10090 GN=Vasp PE=1 SV=4	3237,552	2315,658	2819,533	2480,899	3367,957	2483,752	1416,218	2229,605
P59997;A0A087WP68;F6YRW4;H3BL82	9	1	44,6575	0,596969	1,686567	Lysine-specific demethylase 2A OS=Mus musculus OX=10090 GN=Kdm2a PE=1 SV=2	1,669541	25,29961	0,435763	90,11567	0,028553	19,77705	0,91097	48,96378
Q9D1R9;A0A0G2JJEY6;A0A0G2JGY8	11	4	75,3261	0,59706	1,055667	60S ribosomal protein L34 OS=Mus musculus OX=10090 GN=Rpl34 PE=1 SV=2	15591,25	14383,72	13271,17	13569,71	15361,08	13736,13	14566,61	13394,98
P35585	19	5	140,8911	0,597154	1,182516	AP-1 complex subunit mu-1 OS=Mus musculus OX=10090 GN=Ap1m1 PE=1 SV=3	4001,153	3608,887	2603,43	2816,353	3911,323	3219,11	4479,695	2487,555
J3KMU2	2	1	8,8097	0,597211	1,147351	Predicted gene, 21820 OS=Mus musculus OX=10090 GN=Gm21820 PE=4 SV=1	5559,74	5001,626	4315,542	4331,652	4700,715	5702,559	1326,358	5236,405
Q924D0;A0A0R4J0S3;D3Z792	6	1	33,577	0,597333	1,23691	Reticulon-4-interacting protein 1, mitochondrial OS=Mus musculus OX=10090 GN=Rtn4ip1 PE=1 SV=2	60,3548	45,77081	32,86158	126,006	39,5688	87,65296	39,70528	110,3686
Q3TEA8;A2AM63;A2AM65;A2AM69;A2AM70;Z4YKA3;Z4YKB8	23	5	132,4406	0,597416	1,103166	Heterochromatin protein 1-binding protein 3 OS=Mus musculus OX=10090 GN=Hp1bp3 PE=1 SV=1	5665,559	4593,709	3577,812	3988,288	4562,466	5083,828	4441,972	4722,693

Q9D0L4	3	1	13,48	0,597544	1,143471	AarF domain-containing protein kinase 1 OS=Mus musculus OX=10090 GN=Adck1 PE=1 SV=1	2286,723	2073,386	1820,727	2017,352	1753,535	1846,9	1903,193	2011,151
Q8VCD7	5	1	27,2013	0,597802	1,113114	Lysine-specific demethylase 4C OS=Mus musculus OX=10090 GN=Kdm4c PE=1 SV=1	1740,904	1414,543	1816,121	1851,891	1681,823	2032,204	2016,065	1865,194
B1ARA3;B1ARA5;P61255	19	7	111,1825	0,598012	1,104458	60S ribosomal protein L26 (Fragment) OS=Mus musculus OX=10090 GN=Rpl26 PE=1 SV=1	7887,246	7170,013	7303,037	5764,968	8200,28	6434,183	7973,06	6382,335
Q68ED2;G5E8D5	14	3	86,4673	0,598089	1,205262	Metabotropic glutamate receptor 7 OS=Mus musculus OX=10090 GN=Grm7 PE=1 SV=1	1601,417	1112,176	843,855	616,9185	1181,694	1117,4	1006,167	902,7661
Q9QZC2	5	1	30,3869	0,598206	1,237929	Plexin-C1 OS=Mus musculus OX=10090 GN=Plxnc1 PE=1 SV=1	11433,22	15092,41	7991,591	14988,28	8822,439	12849,27	17879,99	14190,95
L0N7N1;A0A0J9YUN5;E9Q3T3	47	6	260,4429	0,598671	1,132367	Kinesin-like protein KIF14 OS=Mus musculus OX=10090 GN=Kif14 PE=1 SV=1	3133,67	2612,964	3029,26	2086,408	2765,36	2345,557	2648,3	1833,348
P10630;A0A338P6X5;E9Q561;Q8BTU6	35	3	276,2799	0,598778	1,095269	Eukaryotic initiation factor 4A-II OS=Mus musculus OX=10090 GN=Eif4a2 PE=1 SV=2	5192,484	5214,854	5092,884	4490,295	6214,655	4602,246	3856,633	4930,973
P59017	11	6	93,1999	0,598881	1,182551	Bcl-2-like protein 13 OS=Mus musculus OX=10090 GN=Bcl2l13 PE=1 SV=2	1788,871	821,1335	1757,337	1397,98	2149,316	1199,761	1892,114	1576,595
Q8BYA0	46	10	281,353	0,59927	1,194197	Tubulin-specific chaperone D OS=Mus musculus OX=10090 GN=Tbcd PE=1 SV=1	1851,75	1192,609	1184,876	1154,714	1532,958	1239,594	1923,228	1033,041
Q05CL8;A2AMD0	35	11	205,4876	0,599715	1,522268	La-related protein 7 OS=Mus musculus OX=10090 GN=Larp7 PE=1 SV=2	4957,433	5392,885	4017,806	1408,875	8899,494	3066,822	1776,324	7308,816
Q9CQ48;E0CYQ2	5	3	27,0797	0,599754	1,147607	NudC domain-containing protein 2 OS=Mus musculus OX=10090 GN=Nudcd2 PE=1 SV=1	1337,53	1606,368	1627,342	1734,489	2201,543	838,6995	1459,68	1146,229
Q91X20;D6RI55;E9PU93	16	1	80,2924	0,599881	1,13513	Set1/Ash2 histone methyltransferase complex subunit ASH2 OS=Mus musculus OX=10090 GN=Ash2l PE=1 SV=1	3063,981	2464,295	2216,077	2722,296	3452,992	2195,277	1740,06	1853,558
Q9QXX4	27	1	156,9912	0,600551	1,106166	Calcium-binding mitochondrial carrier protein Aralar2 OS=Mus musculus OX=10090 GN=Slc25a13 PE=1 SV=1	282,3757	299,5912	252,4161	237,0318	169,5151	275,8135	251,5214	271,7341
Q9Z2Z6	4	2	17,136	0,602117	1,133114	Mitochondrial carnitine/acylcarnitine carrier protein OS=Mus musculus OX=10090 GN=Slc25a20 PE=1 SV=1	1234,777	980,0486	993,4298	1090,463	740,3863	1401,425	1176,397	1271,421
Q08943;A2AW05	38	11	268,3399	0,6022	1,129905	FACT complex subunit SSRP1 OS=Mus musculus OX=10090 GN=Ssrp1 PE=1 SV=2	7654,763	6626,861	6047,347	5379,657	8561,793	7641,672	6265,022	5613,464
Q91VW5;A0A1D5RLC6;A0A1D5RLV4;A0A1D5RME8;E9Q088	172	26	1046,1725	0,603031	1,130853	Golgin subfamily A member 4 OS=Mus musculus OX=10090 GN=Golga4 PE=1 SV=2	14843,11	12583,29	9050,822	9367,204	13660,61	10418,58	10882,29	10420,04
D3YZ60;Q9CYZ6	2	1	9,8885	0,60375	1,203407	Required for excision 1-B domain-containing protein OS=Mus musculus OX=10090 GN=Rex1bd PE=1 SV=1	161,7297	232,3721	219,0427	128,0872	173,5816	132,6307	160,4091	160,1259
Q00899	2	1	9,2253	0,604053	1,569234	Transcriptional repressor protein YY1 OS=Mus musculus OX=10090 GN=Yy1 PE=1 SV=1	70,4236	76,36737	109,8257	118,2984	37,71644	178,2159	203,1423	169,2546
Q6PCN7;E9PVX5;G3UVU1	7	1	31,1086	0,604226	1,090505	Helicase-like transcription factor OS=Mus musculus OX=10090 GN=Hlhf PE=1 SV=1	23306,01	18289,57	17662	16867,83	20311,99	18275,99	17105,29	15279,69
Q8CFW1	3	1	18,1774	0,604252	1,242177	Anoctamin-2 OS=Mus musculus OX=10090 GN=Ano2 PE=1 SV=2	1865,22	1681,724	1874,358	1073,222	1530,123	1391,553	3103,155	1912,401

Q8K0Q5;H3BJL1	10	2	50,2689	0,605492	1,101801	Rho GTPase-activating protein 18 OS=Mus musculus OX=10090 GN=Arhgap18 PE=1 SV=1	4110,729	3530,69	3009,369	3899,785	3214,389	4599,292	3856,682	4361,472
Q6PDI5;A0A1L1SUB9;A2ALV6;A2ALV7;A2ALV8;A2ALV9;A2ALW1;D3Z533;Q8CET2;Q9D4M9	90	13	550,2911	0,605516	1,160443	Proteasome adapter and scaffold protein ECM29 OS=Mus musculus OX=10090 GN=Ecpas PE=1 SV=3	2379,607	2286,59	2142,177	2459,63	1963,133	2597,937	3511,293	2682,629
Q62417;A0A286YCI8;A0A5F8MPJ2	4	1	17,0022	0,605754	1,872357	Sorbin and SH3 domain-containing protein 1 OS=Mus musculus OX=10090 GN=Sorbs1 PE=1 SV=2	540,8782	197,3406	231,8419	245,3579	168,0055	265,9314	1116,264	360,1435
P27612;F7D1R5	27	6	159,328	0,605875	1,242779	Phospholipase A-2-activating protein OS=Mus musculus OX=10090 GN=Plaa PE=1 SV=4	6618,512	2709,371	5252,501	4980,681	4691,318	2845,642	4563,181	3639,631
Q9JLM8;A0A0G2JE54;A0A0G2JGH1;A0A0G2JGQ6;A0A0G2JGR9;Q80VB6;Q8CCN4	20	4	92,3997	0,606295	1,174795	Serine/threonine-protein kinase DCLK1 OS=Mus musculus OX=10090 GN=Dclk1 PE=1 SV=1	6795,946	4491,177	5038,757	3480,127	5315,02	3921,45	4381,218	3802,336
Q9WTI7	47	10	277,514	0,606513	1,15138	Unconventional myosin-Ic OS=Mus musculus OX=10090 GN=Myo1c PE=1 SV=2	2215,003	1756,145	1525,492	1784,678	1540,142	2388,434	1676,92	2109,553
Q8VII6	67	29	439,1827	0,606697	1,137155	Splicing factor, proline- and glutamine-rich OS=Mus musculus OX=10090 GN=Sfpq PE=1 SV=1	59022,38	52788,8	38785,36	43197,71	47636,3	55482,94	28427,8	47082,72
P16125;A0A0N4SVV8;A0A6I8MX27;D3Z2F0	18	3	101,0042	0,606816	1,109873	L-lactate dehydrogenase B chain OS=Mus musculus OX=10090 GN=Ldhd PE=1 SV=2	948,9654	1117,38	847,1191	698,5617	996,7776	851,3573	798,763	825,4408
Q8CGN4	54	10	312,1897	0,607367	1,180537	BCL-6 corepressor OS=Mus musculus OX=10090 GN=Bcor PE=1 SV=2	7985,44	6196,874	5821,368	6148,508	6760,103	5123,294	9809,518	6716,255
Q8CCK0	13	1	75,5405	0,607994	1,148154	Core histone macro-H2A.2 OS=Mus musculus OX=10090 GN=Macroh2a2 PE=1 SV=3	503,0002	410,7499	257,0049	462,2573	441,1931	352,3896	425,8934	452,2835
Q9WTQ5;A0A668KLD3;A0A668KLV9	88	24	667,1589	0,608025	1,121275	A-kinase anchor protein 12 OS=Mus musculus OX=10090 GN=Akap12 PE=1 SV=1	14238,02	12249,4	13624,59	9041,679	17334,62	11390,26	13454,58	12935,33
Q61115;A0A0A6YVW7;A0A0A6YVX7;A0A0A6YWZ4	27	4	127,5724	0,608046	1,093545	Protein patched homolog 1 OS=Mus musculus OX=10090 GN=Ptch1 PE=1 SV=1	4019,365	2917,228	2933,359	2821,994	3729,677	2873,707	3205,781	2968,938
Q7TQI3;D3YWF6;D3Z7K0	18	9	154,1742	0,608061	1,090156	Ubiquitin thioesterase OTUB1 OS=Mus musculus OX=10090 GN=Otub1 PE=1 SV=2	8944,447	7130,38	7199,867	5927,623	8451,009	7046,919	6853,684	6701,981
P26339	26	12	178,5264	0,608432	1,194969	Chromogranin-A OS=Mus musculus OX=10090 GN=Chga PE=1 SV=1	16785,47	7694,201	12121,94	6562,223	13477,98	13596,03	7030,114	11384,16
E9QKK1	167	1	1154,1587	0,608614	1,140087	Centromere-associated protein E OS=Mus musculus OX=10090 GN=Cenpe PE=1 SV=1	1544,757	1570,023	1095,729	992,0555	1878,476	1496,851	1116,679	1439,371
A0A498WGK6;Q9ET30	5	3	17,9364	0,608754	1,269388	Transmembrane 9 superfamily member OS=Mus musculus OX=10090 GN=Tm9sf3 PE=1 SV=1	1420,383	1020,865	675,4265	554,4656	637,1031	1134,056	818,3865	950,1693
Q64514;A0A087WP19;A0A087WQR6;A0A087WRC0;Q05DJ9	79	19	534,9912	0,608906	1,103337	Tripeptidyl-peptidase 2 OS=Mus musculus OX=10090 GN=Tpp2 PE=1 SV=3	8825,349	8453,562	7345,545	6590,572	9660,046	6237,855	5726,205	6667,356
Q8BZN6	13	1	63,2388	0,609359	1,232073	Dedicator of cytokinesis protein 10 OS=Mus musculus OX=10090 GN=Dock10 PE=1 SV=3	40,72283	12,12353	325,2501	59,21124	208,343	37,14854	93,79035	67,7473
Q61553;A0A0G2JDU7;F7BDR1	51	20	332,0697	0,609501	1,088822	Fascin OS=Mus musculus OX=10090 GN=Fscn1 PE=1 SV=4	21589,71	21334,36	22023,52	19828,78	28578,22	21431,23	19294,68	22180,39
Q9JLQ0;A0A3B2W812	7	1	40,6156	0,609971	1,150641	CD2-associated protein OS=Mus musculus OX=10090 GN=Cd2ap PE=1 SV=3	2418,438	1868,741	2401,784	396,872	2850,384	1428,55	1977,015	1880,776



P20664;J3QN19	9	3	47,5794	0,61025	1,150922	DNA primase small subunit OS=Mus musculus OX=10090 GN=Prim1 PE=1 SV=1	1135,427	1175,306	1127,924	812,4708	1401,892	1149,591	1463,016	840,2019
P62196;Q8K1K2	43	10	343,3726	0,610579	1,087675	26S proteasome regulatory subunit 8 OS=Mus musculus OX=10090 GN=Psmc5 PE=1 SV=1	7444,437	7227,927	7511,111	6167,863	8477,517	6294,206	6237,361	6593,152
Q0VGT2;A0A1B0GXK7;A5AA27	8	2	31,2557	0,611235	1,143858	Zinc finger protein GLI2 OS=Mus musculus OX=10090 GN=Gli2 PE=1 SV=2	196,0255	43,64727	276,3802	153,4634	327,3882	15,75114	51,63326	268,3322
Q8BKCS	53	22	369,6924	0,611496	1,091558	Importin-5 OS=Mus musculus OX=10090 GN=Ipo5 PE=1 SV=3	5290,774	5971,396	7381,267	5085,338	6255,34	5291,014	5838,837	5870,881
P54754;E0CYA3	10	1	52,4656	0,611903	1,76352	Ephrin type-B receptor 3 OS=Mus musculus OX=10090 GN=Ephb3 PE=1 SV=2	209,973	42,02789	0	99,20218	48,25231	94,21107	147,5406	329,3496
Q91WM1	36	1	225,3381	0,611905	1,291828	Spermatid perinuclear RNA-binding protein OS=Mus musculus OX=10090 GN=Strbp PE=1 SV=1	637,1698	611,0664	433,8272	287,1167	753,5577	313,967	558,4165	411,3046
D3YW88;D6RH86;E9PUN3;Q9Z1 M4	2	1	9,5478	0,612211	1,171487	Non-specific serine/threonine protein kinase OS=Mus musculus OX=10090 GN=Rps6kb2 PE=1 SV=1	46,30147	28,68086	159,4766	507,9378	81,0231	196,7324	346,3493	187,0824
Q9D8B3	5	1	45,8094	0,612337	1,079836	Charged multivesicular body protein 4b OS=Mus musculus OX=10090 GN=Chmp4b PE=1 SV=2	3346,007	3594,249	3216,409	3455,042	4153,356	4019,073	3042,278	3428,483
O35286;A0A0G2JG10;A0A0G2JG Q5;Q497W9	40	12	314,9641	0,612384	1,08936	ATP-dependent RNA helicase DHX15 OS=Mus musculus OX=10090 GN=Dhx15 PE=1 SV=2	10910,2	10191,89	8798,708	10044,15	12262,93	12091,25	9345,56	9335,462
Q9JIG7	13	4	70,9431	0,612389	1,380629	Coiled-coil domain-containing protein 22 OS=Mus musculus OX=10090 GN=Ccdc22 PE=1 SV=1	812,3653	803,0397	743,3815	793,8267	749,5273	766,1397	2083,044	753,8793
P19157;A0A494B908;A0A494BA M8;A0A494BAS3;A0A494BAU3;A 0A494BAW2	14	4	133,5812	0,612696	1,123978	Glutathione S-transferase P 1 OS=Mus musculus OX=10090 GN=Gstp1 PE=1 SV=2	19836,39	20414,26	20433,34	16155,04	26763,95	16241,91	18018,34	19113,64
Q9ESW4	6	1	34,7186	0,612913	1,079831	Acylglycerol kinase, mitochondrial OS=Mus musculus OX=10090 GN=Agk PE=1 SV=1	9105,124	8389,271	6973,03	7737,902	7546,152	8296,592	7449,492	6981,55
Q8BWW4;A0A2R8VKL5;A0A2R8 W6Y5;E9Q066;G3X9Q6	27	5	189,0593	0,613118	1,165219	La-related protein 4 OS=Mus musculus OX=10090 GN=Larp4 PE=1 SV=2	1525,165	1898,632	1976,016	2053,073	2974,169	2268,659	1871,235	1570,177
A2A716;F8VQM4	6	1	38,9168	0,613302	1,075032	Oxysterol-binding protein OS=Mus musculus OX=10090 GN=Osbp17 PE=1 SV=2	1457,464	1231,301	1447,626	1341,301	1537,406	1120,078	1269,608	1372,724
A0A087WQ31;A0A087WVW8;A0 A087WP42;A0A087WQ95;A0A08 7WQF1;A0A087WRE8;A0A087W RKO;A0A087WS18;A0A0A6YXZ1;A 0A0N4SUT7;E9Q6L0;E9QKH0;E9Q NY9;J3QP81	32	2	184,8479	0,614005	1,193745	CLIP-associating protein 1 OS=Mus musculus OX=10090 GN=Clasp1 PE=1 SV=1	10297,25	7817,509	10531,01	9087,376	11419,55	10378,79	6865,476	15514
Q69ZK6;A0A0A0MQ98;G3UZM1	23	3	119,5512	0,61464	1,355137	Probable JmjC domain-containing histone demethylation protein 2C OS=Mus musculus OX=10090 GN=Jmjd1c PE=1 SV=3	7518,013	6924,206	5489,13	6756,557	3675,252	6196,677	6286,429	6982,263
P84099;A2A547	19	7	104,5518	0,615309	1,204128	60S ribosomal protein L19 OS=Mus musculus OX=10090 GN=Rpl19 PE=1 SV=1	9063,776	4799,955	5863,659	3573,223	8140,276	6179,539	2234,693	6020,014

Q922Q8	33	17	176,742	0,615596	1,104166	Leucine-rich repeat-containing protein 59 OS=Mus musculus OX=10090 GN=Lrrc59 PE=1 SV=1	56763,19	45055,18	38694,93	48893,85	42254,83	56735,2	40946,73	44649,13
A0A0U1RNJ1	170	2	1186,1539	0,615991	1,480274	Fatty acid synthase OS=Mus musculus OX=10090 GN=Fasn PE=1 SV=1	562,8611	325,606	309,4817	758,22	470,2017	289,4134	1118,525	830,4078
Q6ZPJ3	35	4	211,9154	0,616735	1,149379	(E3-independent) E2 ubiquitin-conjugating enzyme UBE2O OS=Mus musculus OX=10090 GN=Ube2o PE=1 SV=3	1142,72	1056,448	1007,716	867,2543	865,7331	1143,013	1173,849	648,8135
Q76MZ3;G3UWL2;H3BK50	49	14	399,0635	0,616918	1,135177	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform OS=Mus musculus OX=10090 GN=Ppp2r1a PE=1 SV=3	31902,75	30313,91	26941,85	24168,08	29563,4	26142,89	40457,23	24965,13
Q8VE88	29	5	164,938	0,617382	1,113044	Protein FAM114A2 OS=Mus musculus OX=10090 GN=Fam114a2 PE=1 SV=2	1575,659	1325,726	1311,239	1441,291	1250,833	1772,336	1117,256	1282,387
Q6P5B0	51	10	326,1468	0,617893	1,063556	RRP12-like protein OS=Mus musculus OX=10090 GN=Rrp12 PE=1 SV=1	3960,044	4185,906	3451,034	3147,433	4127,537	3980,087	3650,996	3413,994
F8VQC1	49	1	351,2086	0,617912	1,261975	Signal recognition particle subunit SRP72 OS=Mus musculus OX=10090 GN=Srp72 PE=1 SV=1	695,1802	420,4794	486,931	202,5821	559,2347	489,4179	724,0587	361,1093
Q3UEB3	34	13	216,0979	0,618103	1,06449	Poly(U)-binding-splicing factor PUF60 OS=Mus musculus OX=10090 GN=Puf60 PE=1 SV=2	18590,06	18346,79	16969,09	18860,12	19404,3	17262,31	13011,81	18679,25
Q9WU62;A0A494B9T7;A0A494B AW4	25	6	149,3969	0,618252	1,099967	Inner centromere protein OS=Mus musculus OX=10090 GN=Incenp PE=1 SV=2	7084,865	5767,398	5267,515	5782,812	6437,57	6044,589	5906,676	6114,253
Q8BW41	4	1	19,4127	0,618282	1,753628	Protein O-linked-mannose beta-1,4-N- acetylglucosaminyltransferase 2 OS=Mus musculus OX=10090 GN=Pomgnt2 PE=1 SV=1	224,6604	181,1349	428,0026	140,3137	468,0233	485,1242	48,27282	342,4208
P70365	3	1	12,7926	0,618814	1,068952	Nuclear receptor coactivator 1 OS=Mus musculus OX=10090 GN=Ncoa1 PE=1 SV=2	2660,618	3203,851	3419,593	3179,698	2834,888	2762,531	3023,789	3435,074
Q6PGG6	13	1	69,6557	0,61911	1,176485	Guanine nucleotide-binding protein-like 3-like protein OS=Mus musculus OX=10090 GN=Gnl3l PE=1 SV=1	3698,112	2736,559	2464,654	2228,998	2828,082	2678,444	2081,451	1870,983
Q4PJX1;A0A0A0MQB0	12	2	76,5413	0,619509	1,128144	Protein odr-4 homolog OS=Mus musculus OX=10090 GN=Odr4 PE=1 SV=2	7298,395	6461,728	5126,078	4624,619	6584,393	5980,939	4863,406	5112,581
Q9WV27	51	4	324,831	0,619729	1,117538	Sodium/potassium-transporting ATPase subunit alpha-4 OS=Mus musculus OX=10090 GN=Atp1a4 PE=1 SV=3	852,3452	791,9889	1142,161	1170,865	968,8931	1049,361	1120,161	1055,634
A0A0A6YWP6;A0A0A6YX18;Q8BV E3	16	5	92,2616	0,62003	1,146227	V-type proton ATPase subunit H OS=Mus musculus OX=10090 GN=Atp6v1h PE=1 SV=1	11113,13	13496,41	10284,02	9802,89	12502,32	9301,646	14747,98	7797,159
Q61035;A0A494BAV2	33	5	195,3831	0,6202	1,160976	Histidine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Hars1 PE=1 SV=2	5877,464	5123,797	5208,481	3151,187	4884,242	4250,845	3252,875	4288,462
Q7TQH0;E9Q5Q0;J3QP59;Q3TGG 2	36	4	241,4025	0,620345	1,137348	Ataxin-2-like protein OS=Mus musculus OX=10090 GN=Atxn2l PE=1 SV=1	1323,706	1237,446	712,1192	863,9022	1468,13	1063,318	1128,313	1045,642
P07742	24	3	130,5471	0,620616	1,396708	Ribonucleoside-diphosphate reductase large subunit OS=Mus musculus OX=10090 GN=Rrm1 PE=1 SV=2	351,9945	888,0682	1337,499	646,9263	1873,443	722,9077	686,6733	572,1851

P63085;A0A338P736	27	3	164,5468	0,620761	1,430326	Mitogen-activated protein kinase 1 OS=Mus musculus OX=10090 GN=Mapk1 PE=1 SV=3	446,4556	658,5605	455,677	346,1548	324,379	669,9418	1344,847	265,9533
Q99KQ4	18	5	107,1362	0,621123	1,067636	Nicotinamide phosphoribosyltransferase OS=Mus musculus OX=10090 GN=Nampt PE=1 SV=1	18018,81	16018,16	14042,08	16316,63	14409,41	16855,88	14919,01	14570,85
Q6ZQ58;Q9D423;Z4YJT3	60	13	379,9722	0,621408	1,09966	La-related protein 1 OS=Mus musculus OX=10090 GN=Larp1 PE=1 SV=3	1303,284	1258,951	1027,583	734,8574	1371,831	1043,176	982,1496	1322,534
Q9JLV1	39	15	260,5696	0,621628	1,09808	BAG family molecular chaperone regulator 3 OS=Mus musculus OX=10090 GN=Bag3 PE=1 SV=2	3976,203	4660,505	3451,214	3887,492	4650,935	2907,142	3694,059	3551,593
Q9D8M4;A0A3B2WD11	2	1	13,5107	0,622455	1,119811	60S ribosomal protein L7-like 1 OS=Mus musculus OX=10090 GN=Rpl7l1 PE=1 SV=1	1614,707	1048,891	991,2123	1434,364	1199,66	1369,177	1377,662	1674,032
Q8BGQ1	4	1	21,3429	0,622677	1,343414	Spermatogenesis-defective protein 39 homolog OS=Mus musculus OX=10090 GN=Vipas39 PE=1 SV=1	68,546	53,75099	5,488286	95,63587	56,95481	50,05746	35,27852	32,78523
P48962	101	28	448,7639	0,622718	1,170065	ADP/ATP translocase 1 OS=Mus musculus OX=10090 GN=Slc25a4 PE=1 SV=4	114343,6	90874,39	62077,07	95233,71	80094,33	117828,5	64513,36	101149,1
Q9CQV6;M0QWC2	5	1	21,5431	0,623081	1,240615	Microtubule-associated proteins 1A/1B light chain 3B OS=Mus musculus OX=10090 GN=Map1lc3b PE=1 SV=3	1416,982	941,5838	809,5378	1006,581	1216,374	768,8643	531,3523	848,4227
O54962	8	3	54,356	0,623481	1,141083	Barrier-to-autointegration factor OS=Mus musculus OX=10090 GN=Banf1 PE=1 SV=1	3322,033	3561,837	3042,024	1763,925	4151,917	3409,475	3198,789	2416,136
P53996;A0A0N4SVS6	10	4	77,4037	0,62384	1,141558	CCHC-type zinc finger nucleic acid binding protein OS=Mus musculus OX=10090 GN=Cnbp PE=1 SV=2	2524,712	1892,527	2099,089	1497,066	2034,997	2064,425	991,895	1928,382
Q7TNC4;E9Q715;Q05CX5	26	3	153,2451	0,62454	1,325923	Putative RNA-binding protein Luc7-like 2 OS=Mus musculus OX=10090 GN=Luc7l2 PE=1 SV=1	1961,142	452,9532	990,753	553,5291	1101,656	692,2343	629,4331	832,3699
Q8VBV4;D3YUA8	16	1	94,4888	0,624591	1,127252	F-box/WD repeat-containing protein 7 OS=Mus musculus OX=10090 GN=Fbxw7 PE=1 SV=2	639,4263	462,572	397,5794	322,2058	505,147	539,2199	436,631	572,611
P27659;A0A087WQK0;A0A2R8VH N4	35	9	258,4628	0,624955	1,125018	60S ribosomal protein L3 OS=Mus musculus OX=10090 GN=Rpl3 PE=1 SV=3	26365	26166,08	22408,54	17786,1	28148,76	21468,93	18189,1	15798,24
P61082;F6WMC0;F7CDT0;G5E91 9	15	8	112,148	0,625295	1,203375	NEDD8-conjugating enzyme Ubc12 OS=Mus musculus OX=10090 GN=Ube2m PE=1 SV=1	10873,6	7926,892	8873,625	9594,75	12429,51	6078,14	12696,82	7051,171
A0A0J9YUD5;B9EJ54;E9Q880	82	16	570,0602	0,625956	1,080296	Nucleoporin 205 OS=Mus musculus OX=10090 GN=Nup205 PE=1 SV=1	10620,04	10071,99	8832,148	7969,627	11481,13	9624,578	9898,609	9500,096
Q3TWW8;A0A0A6YXX6	35	9	222,142	0,626023	1,372339	Serine/arginine-rich splicing factor 6 OS=Mus musculus OX=10090 GN=Srsf6 PE=1 SV=1	7263,03	1920,768	3323,585	4503,658	3760,625	2912,983	2434,249	3287,801
A2AF47;A2AF67	10	5	44,0405	0,626391	1,149866	Dedicator of cytokinesis protein 11 OS=Mus musculus OX=10090 GN=Dock11 PE=1 SV=1	2923,359	2493,006	2364,291	3334,679	1938,159	2565,613	3311,242	2567,379
Q9JK81;F7A3N3;F8WGG3	16	5	128,431	0,626392	1,11688	MYG1 exonuclease OS=Mus musculus OX=10090 GN=Myg1 PE=1 SV=1	12912,42	12125,42	11231,07	8914,84	14090,59	10827,47	5229,779	10307,49
Q9CWI9	58	17	382,3513	0,626641	1,079185	Bifunctional purine biosynthesis protein ATIC OS=Mus musculus OX=10090 GN=Atic PE=1 SV=2	23587,2	21429,01	21966,47	18453,13	25103,84	18137,36	18553,86	20023,2

Q3TMX0;A2AKJ6;A2AKJ9;H3BLG5;O08992	4	2	25,7544	0,626709	1,365757	Syntenin-1 OS=Mus musculus OX=10090 GN=Sdcbp PE=1 SV=1	179,679	242,8818	482,3201	308,4689	391,2705	208,2523	448,4602	609,1587
P62965	1	1	4,4769	0,626976	1,229154	Cellular retinoic acid-binding protein 1 OS=Mus musculus OX=10090 GN=Crabp1 PE=1 SV=2	758,591	893,7838	757,6691	253,1878	866,7536	911,9585	751,2829	399,7351
A0A1Y7VP35	3	1	20,124	0,62727	3,47508	CUB and Sushi multiple domains 2 (Fragment) OS=Mus musculus OX=10090 GN=Csm2 PE=1 SV=1	0	71,82429	99,1873	91,68071	0,666622	0	17,22793	57,69862
P49718	43	12	302,0603	0,627359	1,101454	DNA replication licensing factor MCM5 OS=Mus musculus OX=10090 GN=Mcm5 PE=1 SV=2	9712,059	10482,42	10310,42	9600,086	12622,33	9158,553	11763,74	8633,369
Q91YW3	14	3	112,5597	0,627671	1,151297	DnaJ homolog subfamily C member 3 OS=Mus musculus OX=10090 GN=Dnajc3 PE=1 SV=1	2583,059	2173,406	1790,931	1336,403	2128,586	1790,461	2064,471	1715,641
Q91WK1	10	1	54,6773	0,627842	1,127121	SPRY domain-containing protein 4 OS=Mus musculus OX=10090 GN=Spryd4 PE=1 SV=1	8614,408	6802,843	7888,847	5942,166	7676,534	9489,493	7268,754	5915,08
A0A0G2JFH2	81	9	567,2883	0,628104	1,170573	Microtubule-associated protein (Fragment) OS=Mus musculus OX=10090 GN=Map4 PE=1 SV=1	15793,68	12751,52	13718,75	7546,965	15172,36	11935,63	4579,769	12435,95
Q3UM45 P60710;A2AD93;B1ATY1;E9Q1F2; E9Q2D1;E9Q5F4;E9Q606;F6WX9 0;F8WGM8;G3UYG0;G3UZ07;P63 260	240	39	787,0348	0,628257	1,111824	Protein phosphatase 1 regulatory subunit 7 OS=Mus musculus OX=10090 GN=Ppp1r7 PE=1 SV=2	612,1122	616,5343	1156,629	901,9923	1028,781	717,9881	695,5049	934,5307
Q6PIE5;D3YYN7	52	4	435,942	0,62926	1,108535	Actin, cytoplasmic 1 OS=Mus musculus OX=10090 GN=Actb PE=1 SV=1	291529,6	285076,6	218443,6	233710,8	296585	272515,2	125561,8	234097
Q9QYB1 Q6DFZ2;D3YVK9;D3Z412;F6W8R 9;F7BX34 B2RPZ5;D6REW0;D6RI27;Q8CDU 6	28	8	132,4272	0,629275	1,460692	Sodium/potassium-transporting ATPase subunit alpha-2 OS=Mus musculus OX=10090 GN=Atp1a2 PE=1 SV=1	5606,284	4610,128	3901,231	4440,645	4447,954	5028,978	3426,949	4368,736
Q9D0K2;Q3UJQ9	66	6	360,8333	0,631	1,087545	Chloride intracellular channel protein 4 OS=Mus musculus OX=10090 GN=Clic4 PE=1 SV=3	8993,214	11436,74	16096,23	10767,32	19913,76	12149,44	1487,118	24320,86
E9PUA5	9	1	41,1171	0,631039	1,098254	Nesprin-2 (Fragment) OS=Mus musculus OX=10090 GN=Syne2 PE=1 SV=1	2090,809	2338,551	1929,111	2352,786	2219,317	2309,68	1665,885	2391,076
Q9DC61;A2AIW9	47	21	396,2035	0,631171	1,139524	Hectd2 protein OS=Mus musculus OX=10090 GN=Hectd2 PE=1 SV=1	818,3733	1125,102	1020,499	1347,536	1198,48	1374,6	1119,902	1042,151
Q08879	13	2	78,2503	0,631832	1,107644	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial OS=Mus musculus OX=10090 GN=Oxct1 PE=1 SV=1	46321,33	37493,46	26084,87	32726,66	32842,54	47776,95	34994,68	35834,45
	32	7	224,7234	0,631887	1,363839	Kinesin-like protein OS=Mus musculus OX=10090 GN=Kifc5b PE=1 SV=1	7903,139	7426,734	5516,844	7019,758	6793,499	5817,687	5643,281	6903,868
	11	3	65,1684	0,632026	2,01622	Mitochondrial-processing peptidase subunit alpha OS=Mus musculus OX=10090 GN=Pmpca PE=1 SV=1	8135,043	8198,702	5279,141	1424,185	4234,708	7240,206	1529,188	4865,74
						Fibulin-1 OS=Mus musculus OX=10090 GN=Fbln1 PE=1 SV=2	10375,47	3938,926	6720,681	1048,071	4378,694	3522,383	1145,233	3833,938

O09172;A0A0G2JDI4	4	1	14,7991	0,632215	1,168887	Glutamate--cysteine ligase regulatory subunit OS=Mus musculus OX=10090 GN=Gclm PE=1 SV=1	1968,055	1383,469	1343,198	1805,169	2072,955	1402,04	2173,552	1343,306
Q8BPG6;A0A0J9YUF6;A0A0J9YUK9	3	1	17,5006	0,63231	11,79584	Inactive C-alpha-formylglycine-generating enzyme 2 OS=Mus musculus OX=10090 GN=Sumf2 PE=1 SV=2	2551,613	882,3387	2968,577	109603,3	2850,536	1047,79	2753,838	3182,311
Q91VK1;A0A1Y7VIU9;A0A1Y7VJ43;A0A1Y7VKZ4;A0A1Y7VM24;A0A1Y7VM47	27	7	190,9114	0,63283	1,252798	eIF5-mimic protein 1 OS=Mus musculus OX=10090 GN=Bzw2 PE=1 SV=1	2947,491	4063,822	3330,501	5031,05	6850,187	2880,665	4466,582	3239,788
Q921M3	67	21	433,9691	0,632897	1,084472	Splicing factor 3B subunit 3 OS=Mus musculus OX=10090 GN=Sf3b3 PE=1 SV=1	10953,67	9865,2	8259,346	7761,879	9311,555	8387,341	8575,8	8300,91
P11627;F6UIL7	39	3	208,0288	0,633182	1,325364	Neural cell adhesion molecule L1 OS=Mus musculus OX=10090 GN=L1cam PE=1 SV=1	645,3563	414,7479	227,1093	403,2059	445,6025	322,7352	86,96114	459,2337
P26039;A2AIM2;F6S1V7;F6SX70	147	38	1050,4811	0,633423	1,365719	Talin-1 OS=Mus musculus OX=10090 GN=Tln1 PE=1 SV=2	51127,09	34275,01	23700,07	14672,53	35572,89	31874,09	7851,055	15331,68
Q05860;E9Q7P6	15	1	76,8963	0,633558	1,066735	Formin-1 OS=Mus musculus OX=10090 GN=Fmn1 PE=1 SV=2	1590,933	1752,748	1573,076	2003,974	1840,558	1857,306	1655,469	2029,257
Q68FG2;A0A5F8MPM8	58	4	314,6247	0,633606	1,113807	Spectrin beta chain OS=Mus musculus OX=10090 GN=Sptbn2 PE=1 SV=1	1707,553	1662,297	1510,855	1352,498	1319,982	1247,836	2057,2	1268,643
P24547;A0A0A6YXS4;A0A0A6YY72	33	8	168,3033	0,633814	1,156773	Inosine-5'-monophosphate dehydrogenase 2 OS=Mus musculus OX=10090 GN=Impdh2 PE=1 SV=2	9506,726	7372,119	7616,46	5075,012	8819,806	5596,024	4792,426	6354,511
Q8K354;A0A338P797	4	1	20,381	0,634171	1,164773	Carbonyl reductase [NADPH] 3 OS=Mus musculus OX=10090 GN=Cbr3 PE=1 SV=1	653,4845	668,2636	639,5064	384,1525	702,3267	559,5797	337,7983	413,9127
E9Q557	13	1	60,8359	0,634189	1,304471	Desmoplakin OS=Mus musculus OX=10090 GN=Dsp PE=1 SV=1	177,0479	137,7401	402,1474	262,2373	348,0513	55,07459	337,1273	219,5452
Q8BG87;A0A087WP90;A0A5K1VVP6	16	1	75,4262	0,634193	1,120467	Methylcytosine dioxygenase TET3 OS=Mus musculus OX=10090 GN=Tet3 PE=1 SV=4	380,4773	433,6932	501,3267	483,375	540,6755	285,4968	435,0853	430,0023
Q8BJW6;D3YZZ6;D6RFN2;D6RGA6	38	12	251,9461	0,634337	1,127435	Eukaryotic translation initiation factor 2A OS=Mus musculus OX=10090 GN=Eif2a PE=1 SV=2	4023,082	3298,285	3913,627	4099,761	4725,57	3212,783	2655,667	4301,685
Q5SSK3;B7ZCA9	6	1	31,9559	0,634499	2,253513	Transcription elongation factor, mitochondrial OS=Mus musculus OX=10090 GN=Tefm PE=1 SV=1	0	31,34523	83,25922	0	42,93567	1,34858	27,82785	153,6967
Q91VR2;A2AKU9;A2AKV0;A2AKV1;A2AKV2;A2AKV3;Q8C2Q8	34	17	170,2265	0,634737	1,063902	ATP synthase subunit gamma, mitochondrial OS=Mus musculus OX=10090 GN=Atp5f1c PE=1 SV=1	20031,37	15425,51	14951,62	17955,44	17781,41	19143,01	16773,7	18730,26
Q91WM3	6	1	38,8014	0,635016	1,211179	U3 small nucleolar RNA-interacting protein 2 OS=Mus musculus OX=10090 GN=Rrp9 PE=1 SV=1	375,2678	570,6592	557,5076	439,5684	493,418	396,1214	85,55604	653,8012
Q8C166	2	1	9,9092	0,635016	1,067211	Copine-1 OS=Mus musculus OX=10090 GN=Cpne1 PE=1 SV=1	1651,47	1658,722	1494,251	1477,438	1692,427	1340,513	1430,61	1422,708
Q9CQQ7;A0A0G2JGX3	31	11	235,9862	0,635088	1,111422	ATP synthase F(0) complex subunit B1, mitochondrial OS=Mus musculus OX=10090 GN=Atp5pb PE=1 SV=1	31343,19	25247,76	18459,74	21625,7	24206,36	27851,7	22494,3	21727,63

Q9WTM5;A0A1B0GR89;A0A1B0GRW3;A0A1B0GSR4;A0A1B0GT54	51	15	381,6086	0,636422	1,08158	RuvB-like 2 OS=Mus musculus GN=Ruvbl2 PE=1 SV=3	8546,74	6394,46	7409,615	5831,438	8198,312	8068,683	7955,263	6259,094
Q3UHU5	8	3	51,1957	0,636601	1,838772	Microtubule cross-linking factor 1 OS=Mus musculus GN=Mtcl1 PE=1 SV=1	2002,052	2055,846	2315,558	1707,239	1760,991	1751,792	7861,279	1309,928
P55302;F6WMD1	16	1	75,4211	0,63666	1,141779	Alpha-2-macroglobulin receptor-associated protein OS=Mus musculus GN=Lrpap1 PE=1 SV=1	923,1081	822,6624	980,263	644,824	717,1979	1127,997	723,9271	665,9908
Q60864	80	32	593,8089	0,63666	1,065014	Stress-induced-phosphoprotein 1 OS=Mus musculus GN=Stip1 PE=1 SV=1	37102,24	35281,12	34895,58	28910,9	38990,73	32850,83	31174,54	31684,29
P54071;A0A0U1RP68;A0A0U1RPR1;D6RIL6	42	14	297,8055	0,636746	1,143181	Isocitrate dehydrogenase [NADP], mitochondrial OS=Mus musculus GN=idh2 PE=1 SV=3	7438,368	6303,987	4712,988	4798,927	5106,941	7990,372	5399,537	5297,189
Q8BKE6	7	1	33,4198	0,636894	1,228903	Cytochrome P450 20A1 OS=Mus musculus GN=Cyp20a1 PE=1 SV=1	388,5338	379,1395	498,8701	681,0104	810,4146	603,0886	626,6816	353,1701
A2AKI0	2	1	9,5704	0,636979	1,196387	StAR-related lipid transfer protein 9 (Fragment) OS=Mus musculus GN=Star9 PE=4 SV=2	4297,727	3985,019	5809,553	4113,244	5959,415	2653,782	1166,485	5780,056
P35293;A0A3Q4EI12;A0A452J8C1	18	1	114,3117	0,637584	1,188258	Ras-related protein Rab-18 OS=Mus musculus GN=Rab18 PE=1 SV=2	157,3498	260,4622	233,5377	517,7045	279,7733	245,5027	171,7265	525,7331
Q8BGH2	29	9	186,9757	0,63815	1,124839	Sorting and assembly machinery component 50 homolog OS=Mus musculus GN=Samm50 PE=1 SV=1	6233,149	4612,054	3918,489	5466,803	4466,822	6010,554	3997,37	5336,105
Q8BH58	11	1	65,1551	0,638544	1,266188	TIP41-like protein OS=Mus musculus GN=Tipr1 PE=1 SV=1	1582,673	1457,201	2851,59	3174,08	1765,179	1415,209	796,4699	3388,645
Q3ULD5;Q6PD20	27	2	167,7348	0,639052	1,178949	Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial OS=Mus musculus GN=Mccc2 PE=1 SV=1	3774,568	3111,747	2029,897	3327,795	2256,312	3826,581	2639,145	2676,408
Q9JKK7;A0A1L1SRR7;A0A1L1SU70	17	1	88,8863	0,639232	1,218447	Tropomodulin-2 OS=Mus musculus GN=Tmod2 PE=1 SV=2	996,7677	834,9772	1679,793	1446,439	1112,853	1002,789	1857,062	1295,545
P58252	152	66	958,2617	0,639555	1,081061	Elongation factor 2 OS=Mus musculus GN=Eef2 PE=1 SV=2	30232,77	34726,84	36016,64	26148,06	41928,42	32527,63	27697,4	35275,68
P46660	62	11	375,0264	0,640331	1,140147	Alpha-internexin OS=Mus musculus GN=Ina PE=1 SV=3	7036,138	5470,615	9030,93	7302,271	10939,37	6950,156	7517,584	7474,666
Q9QUR7	9	3	60,5098	0,640446	1,092639	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 OS=Mus musculus GN=Pin1 PE=1 SV=1	1747,433	1660,637	1727,507	1689,426	1850,114	1372,744	2056,664	1976,641
G5E8P0;E9Q6P4;F6W5U8	8	1	43,7876	0,641201	1,489591	Gamma-tubulin complex component 6 OS=Mus musculus GN=Tubgcp6 PE=1 SV=1	195,5032	1199,029	1893,619	1394,928	974,6264	930,6476	1017,346	611,7823
O70475	22	3	130,5698	0,641391	1,136122	UDP-glucose 6-dehydrogenase OS=Mus musculus GN=Ugdh PE=1 SV=1	699,9184	810,0217	1099,83	938,9456	711,3911	594,9867	934,8341	882,3228
Q8BG16	4	1	17,5185	0,64161	1,161116	Sodium-dependent neutral amino acid transporter B(0)AT2 OS=Mus musculus GN=Slc6a15 PE=1 SV=1	21,58403	72,30614	168,6755	236,5042	0	160,2657	182,0501	124,7718

Q9DCW4;A0A0N4SVE0;A0A0N4SWE9;A0A0U1RNK9;A0A0U1RNP5;A0A0U1RNR3;A0A0U1RQB4P26231;A0A494BAD0;A0A494BAM5	36	19	218,9345	0,641654	1,118404	Electron transfer flavoprotein subunit beta OS=Mus musculus OX=10090 GN=Etfb PE=1 SV=3	14319,5	13076,41	7902,354	11210,52	11751,65	15101,28	11833,27	11769,78
E9Q3P4	74	8	382,495	0,641777	1,188045	Catenin alpha-1 OS=Mus musculus OX=10090 GN=Ctnna1 PE=1 SV=1	29716,67	25709,08	26932,52	17437,29	29610,12	26776,11	11623,94	22183,4
O88456;A0A0R4J1C2	7	2	47,6049	0,642128	1,139924	Centromere protein F OS=Mus musculus OX=10090 GN=Cenpf PE=1 SV=1	6733,851	5367,29	4199,882	3733,188	5472,678	5240,718	3128,326	4349,081
Q6NVE9	2	1	16,3264	0,643039	3,301351	Calpain small subunit 1 OS=Mus musculus OX=10090 GN=Capns1 PE=1 SV=2	224,9517	221,9959	194,54	578,5093	323,3043	227,3069	346,3932	459,3729
Q99LC3	23	5	173,8972	0,644245	1,079542	Protein phosphatase PTC7 homolog OS=Mus musculus OX=10090 GN=Pptc7 PE=1 SV=1	0	380,7493	225,4141	465,4603	12,26311	168,9765	74,70084	68,66109
Q8K1M6;A0A2U3TZ67;E9PUD2A2AJU2;B1AVZ5;B1AZM2;E9Q1L3;L7N236	49	9	317,0277	0,644624	2,57496	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial OS=Mus musculus OX=10090 GN=Ndufa10 PE=1 SV=1	8656,261	7960,814	6016,056	6300,937	8096,968	7732,931	7268,575	6997,029
A2ADW8;A2BI02;A2BI72;B1AV09;B1B0X0;B1B0X6;E9QA14;L7MU67;L7N278;Q62012	28	2	156,595	0,645566	1,097045	Dynamin-1-like protein OS=Mus musculus OX=10090 GN=Dnm1l PE=1 SV=2	296,6246	612,8709	708,8649	820,8512	292,2558	558,3014	4165,88	1264,436
Q8BH69	6	2	43,261	0,645615	1,201218	Predicted gene 10439 OS=Mus musculus OX=10090 GN=Gm10439 PE=4 SV=1	20143,04	18964,85	10447,63	16797,66	18424,09	18313,18	17292,48	18762,71
E9Q7A5;E9Q8R5;Q99JY4	2	1	10,0647	0,646236	1,281318	Predicted gene 15128 OS=Mus musculus OX=10090 GN=Gm15128 PE=4 SV=1	1005,335	946,5314	521,439	838,3676	919,5422	914,0067	863,0637	936,4425
Q9JHS4;Q6P8N8	27	4	152,1366	0,646238	1,134504	Selenide, water dikinase 1 OS=Mus musculus OX=10090 GN=Seps1 PE=1 SV=1	337,3637	356,8582	479,6314	266,2652	456,5853	211,936	286,695	312,0146
P27601;Q9D034	36	5	252,7847	0,646308	1,111244	TraB domain-containing protein (Fragment) OS=Mus musculus OX=10090 GN=Trabd PE=1 SV=8	849,169	728,9321	448,6592	779,7328	482,1763	658,7406	496,752	552,649
Q9DBC7;A2AI69;D3Z4L4	36	7	236,0443	0,646477	1,09875	ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial OS=Mus musculus OX=10090 GN=Clpx PE=1 SV=2	3130,597	2770,285	1850,199	2637,662	1956,053	3029,193	2120,798	2051,035
Q99JF8;A2BI12;F6RB63	40	10	277,7134	0,646611	1,13796	Guanine nucleotide-binding protein subunit alpha-13 OS=Mus musculus OX=10090 GN=Gna13 PE=1 SV=1	6767,574	5533,198	3931,933	5058,719	5080,157	6257,461	5298,196	5489,271
P60766	14	4	79,0503	0,64685	1,091567	cAMP-dependent protein kinase type I-alpha regulatory subunit OS=Mus musculus OX=10090 GN=Prkar1a PE=1 SV=3	8066,681	6974,398	6294,979	5306,506	7400,605	5965,503	5460,745	6085,407
S4R284	3	1	19,5377	0,646914	1,193306	PC4 and SFRS1-interacting protein OS=Mus musculus OX=10090 GN=Psip1 PE=1 SV=1	4215,751	3801,39	2533,833	3009,656	4041,537	2454,803	2511,535	3323,017
B2RUG9;E9Q4H1;E9QLQ9;Q8C493	88	5	508,5283	0,647044	1,132852	Cell division control protein 42 homolog OS=Mus musculus OX=10090 GN=Cdc42 PE=1 SV=2	14700,31	12908,5	12278,81	7124,694	14363,01	13342,41	11594,02	12017,65
						DNA cross-link repair 1A protein OS=Mus musculus OX=10090 GN=Dclre1a PE=4 SV=1	0	86,71923	67,62532	73,85104	14,70536	171,7043	15,71339	57,1884
						Adenomatosis polyposis coli OS=Mus musculus OX=10090 GN=Apc PE=1 SV=1	2597,245	1869,099	2972,787	1798,268	2823,271	1672,845	1482,757	2278,434

P97311;Q3ULG5	64	13	447,4595	0,647519	1,074937	DNA replication licensing factor MCM6 OS=Mus musculus OX=10090 GN=Mcm6 PE=1 SV=1	11733,27	11263,93	11470,13	9388,402	13610,45	10610,95	10515,53	10899,85
Q8VDC1;A0A140T8V9	50	4	283,1559	0,648539	1,279814	FYVE and coiled-coil domain-containing protein 1 OS=Mus musculus OX=10090 GN=Fyco1 PE=1 SV=1	248,566	253,5614	383,6934	684,6894	317,0064	402,3488	431,8636	327,4676
A0A1Y7VL21	1	1	8,5456	0,648613	1,423161	Zinc finger protein 839 (Fragment) OS=Mus musculus OX=10090 GN=Zfp839 PE=4 SV=1	269,9162	212,2071	168,5829	587,1285	108,8746	355,6311	300,7504	527,4526
Q4QY64;Z4YKQ9	21	3	108,4863	0,648747	1,148968	ATPase family AAA domain-containing protein 5 OS=Mus musculus OX=10090 GN=Atad5 PE=1 SV=1	6107,289	4065,182	4079,457	3302,65	5391,33	3867,586	3456,5	3773,558
Q9CXS4;F6SS03	18	6	111,4072	0,648796	1,291043	Centromere protein V OS=Mus musculus OX=10090 GN=Cenpv PE=1 SV=2	43,3017	302,4883	151,0721	137,653	126,6555	161,2686	413,7919	117,4706
Q62426	7	2	34,044	0,648988	1,09234	Cystatin-B OS=Mus musculus OX=10090 GN=Cstb PE=1 SV=1	2907,354	2008,719	1950,908	2106,125	2554,578	2238,709	1916,967	2204,47
Q149S1;A0A3Q4EGQ7;A0A3Q4EH78	5	1	23,4376	0,649205	1,370448	Tektin-4 OS=Mus musculus OX=10090 GN=Tekt4 PE=1 SV=2	137,3428	224,094	339,1083	296,3789	47,4799	228,9168	239,1428	288,3159
Q61425	18	3	154,0084	0,64954	1,117398	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Hadh PE=1 SV=2	6218,749	6749,465	4439,573	7296,471	4641,367	7102,283	4969,666	5482,499
P29319;B7ZNN5;Q8BRB1	10	3	62,5749	0,649543	1,144938	Ephrin type-A receptor 3 OS=Mus musculus OX=10090 GN=Epha3 PE=1 SV=1	2865,728	2785,689	2226,707	1048,044	3190,186	2779,845	2327,912	1921,97
D3Z7P3;D3Z7P4;F6U529;F7B327	48	18	366,9501	0,650072	1,271583	Glutaminase kidney isoform, mitochondrial OS=Mus musculus OX=10090 GN=Gls PE=1 SV=1	26871,51	21016,23	13005,34	15247,55	16988,06	23963,48	8453,613	17048,62
P09602;A3KGL9;B7ZCQ3;F6W687	5	4	14,7152	0,650105	1,809392	Non-histone chromosomal protein HMG-17 OS=Mus musculus OX=10090 GN=Hmgn2 PE=1 SV=2	1815,694	16586,33	1599,636	563,0665	14289,65	8320,448	4936,955	961,4511
A2CG63;A0A1Y7VIX3;Z4YL44;Z4YMH1	10	4	72,6783	0,6502	1,160381	AT-rich interactive domain-containing protein 4B OS=Mus musculus OX=10090 GN=Arid4b PE=1 SV=1	428,0273	477,9751	611,2613	793,3744	440,7538	563,675	726,4339	841,1071
Q9D8N0	69	31	361,1564	0,650446	1,156089	Elongation factor 1-gamma OS=Mus musculus OX=10090 GN=Eef1g PE=1 SV=3	68227,8	60604,05	53720,4	51451,57	74054,73	58791,4	33676,13	56317,45
Q9CSU0;A0A0R4J195;F6YB25;F7DAY5	14	3	86,9927	0,651602	2,248638	Regulation of nuclear pre-mRNA domain-containing protein 1B OS=Mus musculus OX=10090 GN=Rprd1b PE=1 SV=2	151,2252	140,8583	147,5715	96,37768	46,18237	91,89647	759,0634	118,538
P70280	3	1	23,3029	0,651758	2,805405	Vesicle-associated membrane protein 7 OS=Mus musculus OX=10090 GN=Vamp7 PE=1 SV=1	10559,29	8818,491	6384,426	4993,258	9854,544	4404,599	59756,92	5408,018
P11499;A0A1Y7VJB9;D3Z1R1;E9PX27;E9Q0C3;E9Q3D6;Q6PFY9	225	58	1143,652	0,651759	1,073508	Heat shock protein HSP 90-beta OS=Mus musculus OX=10090 GN=Hsp90ab1 PE=1 SV=3	33719,93	40210,97	45647,9	33468,96	48650,56	35423,55	31955,1	37701,95
Q9D4E6	61	8	349,2869	0,652431	1,350248	Polyadenylate-binding protein OS=Mus musculus OX=10090 GN=Pabpc6 PE=1 SV=1	4340,862	3359,708	2410,208	1593,073	2156,782	4427,921	1627,465	2080,856
P97807;H3BKG7	49	17	378,5737	0,653276	1,078962	Fumarate hydratase, mitochondrial OS=Mus musculus OX=10090 GN=Fh PE=1 SV=3	32957,89	33122,56	26138,88	31462,8	29092,88	40449,64	31314,71	32591,11



						39S ribosomal protein L51, mitochondrial														
Q9CPY1	3	1	25,5045	0,653496	1,203855	OS=Mus musculus OX=10090 GN=Mrpl51 PE=1 SV=1	87,89032	298,5306	145,7955	398,907	173,7482	326,5348	228,9517	345,0381						
Q8BH04;A0A0R4J0G0;A0A2I3BQC6;A0A2I3BQL9;A0A2I3BRX1;A0A2I3BS39	33	6	215,2442	0,654161	1,120659	Phosphoenolpyruvate carboxykinase [GTP], mitochondrial OS=Mus musculus OX=10090 GN=Pck2 PE=1 SV=1	1817,711	1227,066	1168,936	1710,746	1291,927	1615,335	1762,553	1546,744						
Q9Z204;A0A2I3BQH3	33	9	178,2999	0,654583	1,068437	Heterogeneous nuclear ribonucleoproteins C1/C2 OS=Mus musculus OX=10090 GN=Hnrnpc PE=1 SV=1	10511,13	9131,391	7690,83	9035,341	8478,929	11476,66	8647,471	9646,673						
P00375	19	1	132,0221	0,655429	1,196757	Dihydrofolate reductase OS=Mus musculus OX=10090 GN=Dhfr PE=1 SV=3	319,7116	310,3771	230,9847	311,5792	380,4136	143,5207	114,5896	341,3349						
Q810B6	9	3	44,3422	0,656042	1,071034	Rabankyrin-5 OS=Mus musculus OX=10090 GN=Ankfy1 PE=1 SV=2	1268,775	1039,53	970,2904	1279,519	1240,208	1290,718	1024,138	1326,829						
Q80TB8;D3Z434	52	22	348,0612	0,65612	1,11104	Synaptic vesicle membrane protein VAT-1 homolog-like OS=Mus musculus OX=10090 GN=Vat1l PE=1 SV=2	28327,66	26230,19	30049,29	21646,91	35861,14	19477,27	19239,35	26379,78						
A0A494BBA8;A0A494B9Z0;P62862;Q642K5	5	1	34,6206	0,656167	1,141264	40S ribosomal protein S30 OS=Mus musculus OX=10090 GN=Fau PE=1 SV=1	1875,67	1551,452	2677,201	1897,793	2252,503	1458,15	2105,626	2315,576						
P23591;A0A2R8VHDO;A0A2R8V139;A0A2R8VKL9;A0A2R8W6P6	10	2	59,4922	0,656207	1,443859	GDP-L-fucose synthase OS=Mus musculus OX=10090 GN=Gfus PE=1 SV=3	144,9638	144,0476	323,2048	383,3023	331,7908	126,4216	441,4387	537,7379						
O88342;A0A0J9YU05	37	14	219,8058	0,656488	1,172899	WD repeat-containing protein 1 OS=Mus musculus OX=10090 GN=Wdr1 PE=1 SV=3	13904,29	12289,94	10103,48	7327,677	12138,78	10477,11	6363,39	8215,204						
Q91W97	37	2	218,5716	0,656539	1,318119	Hexokinase HKDC1 OS=Mus musculus OX=10090 GN=Hkdc1 PE=2 SV=1	88,21451	64,67109	50,97156	86,81467	65,46011	60,14217	102,5547	104,2017						
Q9QWT9	15	1	67,6999	0,657201	1,190617	Kinesin-like protein KIFC1 OS=Mus musculus OX=10090 GN=Kifc1 PE=1 SV=2	2373,557	3264,475	2622,092	2735,702	2765,662	3403,682	614,5757	2687,609						
Q9CXW3;A0A0A6YY29	31	15	236,7091	0,657225	1,118652	Calcylin-binding protein OS=Mus musculus OX=10090 GN=Cacybp PE=1 SV=1	16019,7	14489,7	16728,91	11661,51	20293,47	12285,62	12907,93	13906,09						
A2AHC3;A0A0A0MQE5	15	2	84,821	0,657268	1,151684	Calmodulin-regulated spectrin-associated protein 1 OS=Mus musculus OX=10090 GN=Camsap1 PE=1 SV=1	614,4974	454,4175	685,974	438,5134	586,3314	733,2011	598,205	422,5102						
Q3UR91;Q3TQ29;Q80U58	5	1	28,0662	0,657719	1,108128	Pumilio homolog 2 OS=Mus musculus OX=10090 GN=Pum2 PE=1 SV=1	18660,55	16334,97	12659,58	16595,32	15870,94	20175,58	14335,76	15756,68						
Q9CWZ3;A0A0G2JEA9;A0A0G2JFX7;A0A0N4SUH6;P42225	11	2	80,4252	0,658015	3,471749	RNA-binding protein 8A OS=Mus musculus OX=10090 GN=Rbm8a PE=1 SV=4	187,1923	147,8791	410,9628	384,1857	230,9136	281,9717	3226,426	184,5287						
Q8K083;Q3TR09	11	2	72,6823	0,658398	1,43895	Zinc finger protein 536 OS=Mus musculus OX=10090 GN=Znf536 PE=1 SV=1	87,67875	108,292	240,185	164,264	118,5992	165,6644	278,6637	301,0469						
A0A0G2JEA5;A0A0G2JDJ5;A0A0G2JEB3	28	5	239,7414	0,658785	1,121425	Predicted gene 43738 OS=Mus musculus OX=10090 GN=Gm43738 PE=4 SV=1	1152,013	1267,39	827,2262	1462,214	1182,907	1143,355	1436,801	1106,415						
Q80UU9	20	4	158,3947	0,659528	1,092194	Membrane-associated progesterone receptor component 2 OS=Mus musculus OX=10090 GN=Pgrmc2 PE=1 SV=2	9461,405	7414,925	6057,839	6273,958	7556,257	8270,558	6580,525	7019,284						
Q9JIL8	13	1	61,2387	0,659991	1,247922	Serine--tRNA ligase, mitochondrial OS=Mus musculus OX=10090 GN=Sars2 PE=1 SV=2	5127,008	3172,817	7048,556	3062,503	3665,518	2391,619	5858,357	2837,732						
P83917;Q7TPM0;Q9CYJ8	9	3	67,1767	0,660177	1,11875	Chromobox protein homolog 1 OS=Mus musculus OX=10090 GN=Cbx1 PE=1 SV=1	9357,39	6595,975	6211,188	5854,951	7292,038	6775,237	5806,977	6046,114						

Q5SFM8	3	1	19,1794	0,661494	1,155323	RNA-binding protein 27 OS=Mus musculus OX=10090 GN=Rbm27 PE=1 SV=3	715,2942	565,2366	696,5571	721,0187	490,2532	796,858	853,7139	695,8327
Q6P1Y8;E9PVM3	4	1	17,0327	0,662222	1,10799	Type II inositol 3,4-bisphosphate 4- phosphatase OS=Mus musculus OX=10090 GN=Inpp4b PE=2 SV=1	8175,229	8591,486	5037,359	5912,229	7582,989	6520,606	7345,427	7417,035
Q3KNY0;A0A087WPK2;F6QKE4	34	4	158,5264	0,662781	1,179889	Immunoglobulin-like and fibronectin type III domain-containing protein 1 OS=Mus musculus OX=10090 GN=Igfn1 PE=1 SV=3	1395,862	1291,724	967,8538	1198,358	1394,949	1623,514	524,2037	1589,329
Q9CZ30;B1AYJ9;Q99K73	34	13	222,3609	0,663103	1,165649	Obg-like ATPase 1 OS=Mus musculus OX=10090 GN=Ola1 PE=1 SV=1	6853,794	7271,392	7754,852	3617,307	10247,19	4685,229	3698,896	5769,114
Q9D554	32	4	200,1989	0,663282	1,057595	Splicing factor 3A subunit 3 OS=Mus musculus OX=10090 GN=Sf3a3 PE=1 SV=2	1781,22	1437,192	1412,827	1461,343	1462,802	1843,436	1471,498	1426,857
Q7TQ07;A0A0J9YTQ3;A0A0J9YVA 9;A0A0R4J0E3	9	2	66,1709	0,66385	1,256998	DNA polymerase nu OS=Mus musculus OX=10090 GN=Poln PE=2 SV=2	188,5206	671,2744	659,3604	519,194	250,8651	593,0351	594,4279	420,6276
P62082	42	31	196,6989	0,664021	1,100972	40S ribosomal protein S7 OS=Mus musculus OX=10090 GN=Rps7 PE=2 SV=1	31123,78	27125,8	28752,21	22988,29	37072,49	24131,58	16619,24	23537,44
P62892	2	2	16,332	0,664424	1,169053	60S ribosomal protein L39 OS=Mus musculus OX=10090 GN=Rpl39 PE=1 SV=2	3732,576	2818,223	3404,784	3995,787	3063,58	2965,485	4216,597	5150,146
A0A494BA87;Q7TMW6 A0A0G2JGS4;D6RDQ8;E9PXV3;E9 Q1T1;E9Q1V9;E9Q1W0;E9QAI4;F 6RWZ9;F6WHR9;Q6PHZ2;Q8CCM 0	5	1	21,0608	0,664874	1,249869	Cytosolic iron-sulfur assembly component 3 OS=Mus musculus OX=10090 GN=Ciao3 PE=1 SV=1	119,4531	0	47,31285	39,31568	27,88651	35,07047	47,19828	90,52593
Q9D379;D3Z4M3;E9PWK1;F6YTS 6	17	2	108,523	0,664986	2,084014	Calcium/calmodulin-dependent protein kinase OS=Mus musculus OX=10090 GN=Camk2d PE=1 SV=1	1243,25	104,9105	476,7463	78,89005	160,6445	62,92097	39,44607	650,5124
Q6PDM2;F6QXN3;F7AI47;H7BX9 5	25	5	128,2725	0,665156	1,11438	Epoxide hydrolase 1 OS=Mus musculus OX=10090 GN=Ephx1 PE=1 SV=2	12122,53	10267,96	8169,056	9850,293	10125,98	10974,71	5997,134	9164,361
P61294;A0A11SRS6	38	18	217,2183	0,665645	1,136551	Serine/arginine-rich splicing factor 1 OS=Mus musculus OX=10090 GN=Srsf1 PE=1 SV=3	15863,46	17529	13248,38	15879,92	16077,73	17098,38	8841,058	12992,03
Q91WC1	21	3	163,1817	0,665927	1,079702	Ras-related protein Rab-6B OS=Mus musculus OX=10090 GN=Rab6b PE=1 SV=1	5260,55	4403,506	2953,96	4620,418	4340,209	5038,169	4546,067	4687,932
Q9Z2U1;A0A0G2JF97	4	2	21,5143	0,666568	1,476328	Protection of telomeres protein 1 OS=Mus musculus OX=10090 GN=Pot1 PE=1 SV=1	53,67416	41,33383	152,3199	80,41524	41,67372	59,49407	155,1518	41,55654
Q3U1Q3	23	6	128,6865	0,666709	1,103926	Proteasome subunit alpha type-5 OS=Mus musculus OX=10090 GN=Psm5 PE=1 SV=1	2722,37	2628,076	2628,334	2430,74	3466,538	1884,947	2614,99	2462,088
Q69ZJ7;E9QPA1;F6S7U1	6	1	28,1677	0,666794	1,375876	Runt-related transcription factor OS=Mus musculus OX=10090 GN=Runx3 PE=1 SV=1	120,179	72,27923	302,6626	187,1868	169,5539	68,97643	221,2442	141,086
Q8VBV7;A0A087WPM5	1	1	4,898	0,666988	1,271025	Guanine nucleotide exchange factor subunit RIC1 OS=Mus musculus OX=10090 GN=Ric1 PE=1 SV=2	3632,401	5204,248	2608,959	833,1598	4067,514	2383,117	603,9014	2852,081
P46471;Q8BVQ9	13	4	94,6051	0,667089	1,085195	COP9 signalosome complex subunit 8 OS=Mus musculus OX=10090 GN=Cops8 PE=1 SV=1	4574,652	3999,141	3210,059	3440,415	4022,168	3565,404	3287,13	3507,688
Q64310;E0CXD9;F7CH13	45	11	360,9433	0,667679	1,137634	26S proteasome regulatory subunit 7 OS=Mus musculus OX=10090 GN=Psmc2 PE=1 SV=5	5593,659	5038,341	4745,71	2918,313	6403,371	3825,983	5490,469	4764,958
	14	7	103,69	0,667914	1,095718	Surfeit locus protein 4 OS=Mus musculus OX=10090 GN=Surf4 PE=1 SV=1	12219,51	12186,81	8907,477	11011,95	9961,926	14323,77	11168,18	11902,7

A0A140LIW0;A0A286YDU8	2	1	8,8234	0,667965	1,164307	Coiled-coil and C2 domain-containing 2B OS=Mus musculus OX=10090 GN=Cc2d2b PE=1 SV=1	89,7693	197,4495	208,9337	230,5885	91,187	170,3589	188,1894	279,1415
Q9WTX2	16	2	118,8849	0,66797	1,174182	Interferon-inducible double-stranded RNA-dependent protein kinase activator A OS=Mus musculus OX=10090 GN=Prkra PE=1 SV=1	378,3578	464,8848	404,8065	437,0563	270,2258	376,0434	475,9356	633,415
Q922U1	18	1	92,953	0,667979	1,14691	U4/U6 small nuclear ribonucleoprotein Prp3 OS=Mus musculus OX=10090 GN=Prpf3 PE=1 SV=1	2184,705	2130,365	1257,378	1780,247	2135,999	1782,795	1616,501	1221,451
A8Y5I3;Q5SV02	7	1	41,1923	0,668195	1,109961	DNA repair protein RAD50 (Fragment) OS=Mus musculus OX=10090 GN=Rad50 PE=1 SV=1	1160,288	1152,48	1678,227	1878,791	1750,653	1178,393	1171,667	1250,146
O08739;A0A1L1SRX2;D3YU73;D3Z4N3;F6XQD0	7	1	34,9455	0,66854	3,273096	AMP deaminase 3 OS=Mus musculus OX=10090 GN=Ampd3 PE=1 SV=2	49,3803	0	25,04293	488,6034	20,07125	7,824664	264,9032	140,8937
P34022;H7BX22	13	4	79,3622	0,669643	1,137056	Ran-specific GTPase-activating protein OS=Mus musculus OX=10090 GN=Ranbp1 PE=1 SV=2	17434,34	15797,03	14661,39	12270,78	20957,47	10608,58	13650,04	13623,3
Q9JKF1;A0A0U1RNG5;A0A0U1RP U3	104	24	751,8259	0,669894	1,054387	Ras GTPase-activating-like protein IQGAP1 OS=Mus musculus OX=10090 GN=Iqgap1 PE=1 SV=2	11796,44	12126,59	9751,175	11334,86	12673,37	12071,39	10578,28	11542,11
P21619;A0A0R4J0Q5	55	7	343,4697	0,670019	1,118747	Lamin-B2 OS=Mus musculus OX=10090 GN=Lmnb2 PE=1 SV=2	2694,561	4024,582	2553,443	2737,567	3020,268	3359,406	2460,55	2682,919
Q6RT24;A0A0G2JG58;Q68FG3	189	8	1316,0823	0,670424	1,080855	Centromere-associated protein E OS=Mus musculus OX=10090 GN=Cenpe PE=1 SV=1	9584,994	9738,089	7884,226	6850,57	10372,27	9229,723	8432,235	8777,395
Q99LD4;A0A140LJB7;B1ATU4;G3 UXW9;Q3MIA8	27	8	166,4492	0,670604	1,087101	COP9 signalosome complex subunit 1 OS=Mus musculus OX=10090 GN=Gps1 PE=1 SV=1	6519,232	5415,043	5610,661	4982,248	6303,475	5252,112	3187,423	5979,253
P17426;A0A140LIG7	54	13	429,9234	0,670651	1,069528	AP-2 complex subunit alpha-1 OS=Mus musculus OX=10090 GN=Ap2a1 PE=1 SV=1	10285,94	9055,33	10387,59	7378,887	10644,83	9730,885	9779,443	9532,619
Q9WV04;Q14BL9;Q3V3Y6;Q8COX 6	10	2	55,3355	0,670672	1,081331	Kinesin-like protein KIF9 OS=Mus musculus OX=10090 GN=Kif9 PE=1 SV=2	3701,605	3641,225	3105,789	2741,307	3231,198	3676,304	2826,491	2883,251
P35979	26	10	146,5026	0,670955	1,071755	60S ribosomal protein L12 OS=Mus musculus OX=10090 GN=Rpl12 PE=1 SV=2	44044,26	38130,97	36537,47	30663,01	44757,82	41191,43	33763,49	39002,4
A0A0G2JEX5	3	1	13,0202	0,67193	1,109034	RIKEN cDNA 4930579F01 gene OS=Mus musculus OX=10090 GN=4930579F01Rik PE=4 SV=1	838,2257	1003,729	1187,844	164,5934	945,7309	669,6975	836,313	978,3599
Q80X80;Q8CAA2	4	1	13,7501	0,672026	1,246254	Phospholipid transfer protein C2CD2L OS=Mus musculus OX=10090 GN=C2cd2l PE=1 SV=3	81,18594	95,15302	223,3825	392,0117	175,9034	78,44808	209,2088	349,3026
Q8R4R6;A2ATJ2	20	2	158,5983	0,672368	1,101299	Nucleoporin NUP35 OS=Mus musculus OX=10090 GN=Nup35 PE=1 SV=2	6354,095	5178,272	4732,762	5586,415	5250,716	5612,062	3007,619	5971,217
P16014	79	35	532,6498	0,672379	1,240279	Secretogranin-1 OS=Mus musculus OX=10090 GN=Chgb PE=1 SV=2	23754,99	12581	16935,51	10211,7	15644,13	13306,98	9954,127	12279,39
J3QP60	5	1	23,9368	0,672592	1,435846	RIKEN cDNA A630023A22 gene OS=Mus musculus OX=10090 GN=A630023A22Rik PE=4 SV=1	0	73,78247	188,3627	67,76791	71,54304	34,52054	84,59911	229,6477
B1AWE0;B1AWD8;B1AWD9;B1AWE1;O08585;Q6PFA2	6	1	42,0557	0,672829	2,436619	Clathrin light chain OS=Mus musculus OX=10090 GN=Clta PE=1 SV=1	210,6851	285,5165	689,6681	505,2509	87,403	711,0556	559,9735	1485,107

Q8K010	6	3	22,5418	0,673396	1,125386	5-oxoprolinase OS=Mus musculus OX=10090 GN=Oplah PE=1 SV=1	695,9532	402,2127	518,938	488,355	544,1123	514,2737	380,4845	468,377
Q6ZWZ6;A0A1W2P7A1;F7AEH4;P63323	20	7	151,4766	0,67382	1,085241	40S ribosomal protein S12 OS=Mus musculus OX=10090 GN=Rps12 PE=1 SV=1	25204,76	20215,34	23222,61	15115,73	26178,9	20129,24	22027,93	22562
Q9CR47	1	1	3,9942	0,674256	1,080568	Ribosome biogenesis protein NSA2 homolog OS=Mus musculus OX=10090 GN=Nsa2 PE=2 SV=1	5539,509	4775,491	4353,301	3557,973	4565,016	5026,094	4325,322	4283,173
Q9Z2N8;A0A0A6YWG8;D3YVN1	24	2	181,1743	0,674518	1,142631	Actin-like protein 6A OS=Mus musculus OX=10090 GN=Actl6a PE=1 SV=2	1116,664	1045,922	907,0539	792,843	889,7015	1391,837	690,389	1417,362
Q9D0D5	7	1	35,7508	0,674962	1,393822	General transcription factor IIE subunit 1 OS=Mus musculus OX=10090 GN=Gtf2e1 PE=1 SV=1	235,8774	238,6812	497,2876	592,897	301,1639	261,961	826,6291	617,8854
Q0V8T7	10	3	50,6842	0,675663	1,102397	Contactin-associated protein like 5-3 OS=Mus musculus OX=10090 GN=Cntnap5c PE=2 SV=1	8627,445	6486,505	8920,37	7226,127	9358,539	5244,277	10940,88	5583,108
Q61387;E9PZS8	6	1	45,0432	0,675974	7,748257	Cytochrome c oxidase subunit 7A-related protein, mitochondrial OS=Mus musculus OX=10090 GN=Cox7a2l PE=1 SV=1	6,402178	0	37,83944	0,796188	9,227924	7,856791	6,09E-05	0,001925
Q61548;A0A087WSI9;A0A5F8MP L3;E9Q9A3;E9QLK9;E9QQ05;Q3TWS4	29	7	242,5584	0,676492	1,04653	Clathrin coat assembly protein AP180 OS=Mus musculus OX=10090 GN=Snap91 PE=1 SV=1	5834,939	5788,667	5885,97	5534,052	5310,161	6378,521	5406,998	5284,059
Q3U133	1	1	3,9449	0,676913	1,32394	Zinc finger protein 746 OS=Mus musculus OX=10090 GN=Znf746 PE=1 SV=3	82,67824	253,0679	47,53991	278,9289	0	269,5463	171,9091	173,0705
Q810A7	43	7	293,0368	0,677192	1,111214	ATP-dependent RNA helicase DDX42 OS=Mus musculus OX=10090 GN=Ddx42 PE=1 SV=3	3398,05	3846,61	3643,439	2719,941	5157,876	3517,785	3334,194	3111,584
P30999;D3Z2H2;D3Z7H6;E9Q8Z4;E9Q8Z5;E9Q8Z6;E9Q8Z8;E9Q8Z9;E9Q901;E9Q903;E9Q904;E9Q905;E9Q906;E9Q907;E9Q986;G3X9V2	8	2	38,7777	0,677219	1,512038	Catenin delta-1 OS=Mus musculus OX=10090 GN=Ctnnd1 PE=1 SV=2	90,11173	171,9703	340,3839	689,0026	431,1677	187,4979	102,6425	796,2259
P08249;A0A0G2JF23;A0A0G2JGY4	83	41	428,7781	0,677436	1,077756	Malate dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Mdh2 PE=1 SV=3	143171,8	123923,5	103150,6	133721,3	119604,9	162221,8	124816,3	128001,7
Q9CQX2	12	5	95,5239	0,677735	1,101492	Cytochrome b5 type B OS=Mus musculus OX=10090 GN=Cyb5b PE=1 SV=1	11190,13	7537,165	7393,608	6240,185	8747,349	9501,964	6968,092	10428,08
O88291;A0A0R4J098;D3YXQ7	24	6	148,4918	0,677797	1,163812	DBIRD complex subunit ZNF326 OS=Mus musculus OX=10090 GN=Znf326 PE=1 SV=1	14360,41	9558,172	8198,932	4106,713	11094,01	9957,397	4516,596	10478,23
Q9Z0V7	2	1	11,7294	0,677902	1,198928	Mitochondrial import inner membrane translocase subunit Tim17-B OS=Mus musculus OX=10090 GN=Timm17b PE=1 SV=1	795,6698	1133,489	324,1726	1014,293	518,2421	1107,039	53,70804	1046,466
Q9R0X4	35	4	243,503	0,678083	1,276232	Acyl-coenzyme A thioesterase 9, mitochondrial OS=Mus musculus OX=10090 GN=Acot9 PE=1 SV=1	1190,55	1178,723	1151,38	2517,564	1482,533	1250,54	2522,31	1061,593
Q9CQN7	7	1	41,1233	0,67813	1,146862	39S ribosomal protein L41, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl41 PE=1 SV=1	1968,258	2813,436	1856,888	1353,006	2712,083	1904,911	2682,121	1866,136

Q4ZJN1	2	1	9,4503	0,678131	5,238036	Complement C1q and tumor necrosis factor-related protein 9 OS=Mus musculus OX=10090 GN=C1qtnf9 PE=1 SV=1	77,1481	183,3573	148,7626	330,4523	45,10366	212,5741	2675,902	146,3713
P24288;A0A0N4SV61;B2KFA8;B2KFA9;E9Q4K3;Q8CBC8	19	6	132,7471	0,678643	1,09549	Branched-chain-amino-acid aminotransferase, cytosolic OS=Mus musculus OX=10090 GN=Bcat1 PE=1 SV=2	4792,823	4984,582	4402,429	3848,921	4841,376	3623,779	3897,41	4094,689
Q505F5;E9PV22;F6Z4L9	42	13	279,0091	0,678706	1,139851	Leucine-rich repeat-containing protein 47 OS=Mus musculus OX=10090 GN=Lrrc47 PE=1 SV=1	4269,062	2757,205	3836,943	4039,304	4174,993	3085,432	4247,619	3720,386
Q6P3Y5	12	3	55,8343	0,678797	1,273843	Zinc finger protein 280C OS=Mus musculus OX=10090 GN=Znf280c PE=1 SV=1	4319,582	3615,865	2604,214	1779,249	3992,763	2841,432	1785,931	2444,545
Q9JJW5	2	1	8,792	0,678887	1,236087	Myozenin-2 OS=Mus musculus OX=10090 GN=Myoz2 PE=1 SV=1	642,5001	87,25174	426,3688	0	520,926	214,6787	0	199,7021
Q99MJ9	38	7	208,5225	0,679186	1,13017	ATP-dependent RNA helicase DDX50 OS=Mus musculus OX=10090 GN=Ddx50 PE=2 SV=1	11547,2	8987,278	7618,859	8530,424	9902,574	10574,02	4492,505	8048,79
P62908;A0A140LI77;D3YV43	52	27	328,1302	0,679268	1,078694	40S ribosomal protein S3 OS=Mus musculus OX=10090 GN=Rps3 PE=1 SV=1	54637,44	50335,6	43926,04	39886,88	54671,06	45506,47	44206,44	42167,44
Q80VJ6	1	1	4,1468	0,679416	1,201399	Zinc finger and SCAN domain containing protein 4C OS=Mus musculus OX=10090 GN=Zscan4c PE=2 SV=1	200,0497	223,5769	296,5369	392,886	103,4371	216,2316	250,3193	356,4729
P12787	18	4	139,6846	0,679514	1,157664	Cytochrome c oxidase subunit 5A, mitochondrial OS=Mus musculus OX=10090 GN=Cox5a PE=1 SV=2	7902,901	5285,761	5512,356	5029,129	5724,315	7001,827	2084,666	5761,345
Q9D0M3;A0A2R8VHK1	20	4	115,0034	0,679529	1,187719	Cytochrome c1, heme protein, mitochondrial OS=Mus musculus OX=10090 GN=Cyc1 PE=1 SV=1	4375,599	3673,056	1577,865	3270,074	3001,466	3613,506	3122,343	3820,847
O70492;D3Z6Z0;D3Z789;Q78ZM0	8	1	46,7196	0,679531	1,082223	Sorting nexin-3 OS=Mus musculus OX=10090 GN=Snx3 PE=1 SV=3	2801,357	2519,746	2333,251	1947,386	2943,003	2399,02	2454,583	2210,576
P62830;A2A6F8	18	7	111,8334	0,679572	1,098819	60S ribosomal protein L23 OS=Mus musculus OX=10090 GN=Rpl23 PE=1 SV=1	31002,89	24564,45	27826,82	22049,33	27834,84	24521,85	27181,09	22199,12
Q8CIB9	2	1	9,7886	0,679681	1,428579	N-acetyltransferase ESCO2 OS=Mus musculus OX=10090 GN=Esco2 PE=1 SV=3	1128,034	1353,867	2043,104	3420,021	2490,038	1216,061	1203,459	3525,051
Q9R0P6;D3YTS1;D3YWTO;D3Z569	11	3	74,9695	0,681776	1,06194	Signal peptidase complex catalytic subunit SEC11A OS=Mus musculus OX=10090 GN=Sec11a PE=1 SV=1	4364,98	3687,443	3166,779	3401,109	3408,859	3644,575	3340,585	3575,448
Q9JJK2;F6RJV6	5	1	23,499	0,682121	1,155449	LanC-like protein 2 OS=Mus musculus OX=10090 GN=Lanc12 PE=1 SV=1	149,272	392,7749	539,6843	493,2748	368,0294	348,4035	463,4901	380,0815
J3QPX1;P52651;Q3UJH4	5	1	27,8818	0,682127	1,888515	Homeobox protein Rhox5 OS=Mus musculus OX=10090 GN=Rhox5 PE=1 SV=1	115,5755	526,0366	638,2439	7,169264	514,0009	990,0326	0	275,697
Q3TLH4;A0A0A0MQ79;S4R209;S4R294;S4R2E2;S4R2J9;S4R2L9	102	23	573,369	0,682564	1,220577	Protein PRRC2C OS=Mus musculus OX=10090 GN=Prrc2c PE=1 SV=3	11877,16	12478,29	7797,046	4602,36	12789,62	13509,79	3926,145	11693,47
P14094;A0A0A6YX05	5	1	24,2155	0,682817	1,214749	Sodium/potassium-transporting ATPase subunit beta-1 OS=Mus musculus OX=10090 GN=Atp1b1 PE=1 SV=1	119,2192	0	49,69599	157,5244	74,13293	52,92162	10,42358	180,7138

						Sarcoplasmic/endoplasmic reticulum calcium									
O55143	75	16	566,3389	0,683001	1,152789	ATPase 2 OS=Mus musculus OX=10090 GN=Atp2a2 PE=1 SV=2	22474,77	18512,88	11701,65	16100,56	14681,13	19731,64	11224,6	14035,17	
Q80UM7	37	15	279,3833	0,684702	1,101808	Mannosyl-oligosaccharide glucosidase OS=Mus musculus OX=10090 GN=Mogs PE=1 SV=1	12146,12	8768,469	8227,124	9646,881	9002,631	11622,66	8042,668	8631,17	
Q6XZL8;F7CVL0	7	2	35,1631	0,685096	1,109912	Histone-lysine N-methyltransferase, H3 lysine- 79 specific OS=Mus musculus OX=10090 GN=Dot1l PE=1 SV=1	536,6237	526,9298	818,7267	616,9739	544,4667	564,6841	633,0222	665,8195	
Q91ZA3;D3YWWM4;H3BL62	18	4	82,4298	0,685442	1,044689	Propionyl-CoA carboxylase alpha chain, mitochondrial OS=Mus musculus OX=10090 GN=Pcca PE=1 SV=2	3708,621	3513,572	2937,48	3358,607	3396,301	3430,83	3100,273	3342,202	
Q8C5L7;A0A1D5RRL3	20	6	147,8306	0,685884	1,112779	RNA-binding protein 34 OS=Mus musculus OX=10090 GN=Rbm34 PE=1 SV=2	6371,127	4963,337	4244,317	4614,671	5717,118	5355,603	3522,142	4545,546	
Q9CQ62	17	5	107,1453	0,686375	1,121985	2,4-dienoyl-CoA reductase [(3E)-enoyl-CoA- producing], mitochondrial OS=Mus musculus OX=10090 GN=Decr1 PE=1 SV=1	6752,004	5585,196	3586,739	4807,92	4890,391	6418,785	4769,505	4918,796	
Q3UQ44	15	2	91,8748	0,686865	1,247691	Ras GTPase-activating-like protein IQGAP2 OS=Mus musculus OX=10090 GN=Iqgap2 PE=1 SV=2	261,2312	160,6839	256,8603	60,57881	231,9748	181,2116	10,62346	168,7681	
P47867	31	10	219,4377	0,687194	1,164491	Secretogranin-3 OS=Mus musculus OX=10090 GN=Scg3 PE=1 SV=1	6630,672	3920,983	4707,584	3680,325	6518,943	4666,524	3770,761	3688,076	
P21126	12	2	94,5305	0,688399	1,123661	Ubiquitin-like protein 4A OS=Mus musculus OX=10090 GN=Ubl4a PE=1 SV=1	3090,463	2174,836	2592,386	1882,404	2818,938	2121,065	2222,754	1979,717	
Q8CHB8;D3YVZ5;E9Q425;H3BJ73 ;H3BK74;H3BLC0	27	3	125,9851	0,688416	1,120258	Tubulin polyglutamylase TTL5 OS=Mus musculus OX=10090 GN=Ttl5 PE=1 SV=3	731,0147	600,4972	593,8882	498,4136	789,8176	481,6251	468,9061	423,2722	
A6PWD2	14	5	85,5527	0,688465	1,429153	Forkhead-associated domain-containing protein 1 OS=Mus musculus OX=10090 GN=Fhad1 PE=2 SV=1	1184,795	1050,114	789,7306	1062,745	1368,393	684,0928	2856,588	932,4238	
Q8K2C9	15	4	74,2173	0,68908	1,215215	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 3 OS=Mus musculus OX=10090 GN=Hacd3 PE=1 SV=2	1922,845	1468,312	873,4143	909,9966	1645,738	1574,902	894,9414	1166,38	
Q80TM9;F6YR29;F6ZL69	32	2	205,9171	0,689125	1,207057	Nischarin OS=Mus musculus OX=10090 GN=Nisch PE=1 SV=2	1592,146	1184,213	1746,753	645,8326	1929,808	1432,301	1550,002	1005,626	
P51912	18	1	131,3191	0,689307	1,167228	Neutral amino acid transporter B(0) OS=Mus musculus OX=10090 GN=Slc1a5 PE=1 SV=2	18243,91	21348,42	16954,24	14865,88	20069,56	23644,68	14067,55	12629,13	
Q9DBE8;F6RBY3	29	4	218,8434	0,689616	1,314993	Alpha-1,3/1,6-mannosyltransferase ALG2 OS=Mus musculus OX=10090 GN=Alg2 PE=1 SV=2	1160,625	830,3914	587,6722	723,1916	753,3456	1786,648	642,5644	819,3734	
Q91XX3	10	1	45,8323	0,689912	1,596433	Protocadherin gamma B7 OS=Mus musculus OX=10090 GN=Pcdhgb7 PE=1 SV=1	25,19039	36,59442	78,48555	58,10998	0,003736	30,09968	208,9332	35,56478	
Q6ZWW3;A0A1B0GXC3;I7HLV2;P8 6048	33	16	148,0068	0,690144	1,109639	60S ribosomal protein L10 OS=Mus musculus OX=10090 GN=Rpl10 PE=1 SV=3	40580,15	39816,8	34046,93	27905,72	34917,25	40238,67	18003,96	38227,25	
B1AZI6	6	2	39,8604	0,690362	1,106605	THO complex subunit 2 OS=Mus musculus OX=10090 GN=Thoc2 PE=1 SV=1	997,3455	1006,334	715,47	932,7177	755,8021	1153,46	808,7372	686,1987	

Q9D0R8	5	1	23,1777	0,690856	1,085866	Protein LSM12 homolog OS=Mus musculus OX=10090 GN=Lsm12 PE=1 SV=1	6647,784	6061,052	5217,596	4568,231	6855,975	5677,103	5173,843	5333,318
Q91YR5	20	5	120,9995	0,691445	1,107308	eEF1A lysine and N-terminal methyltransferase OS=Mus musculus OX=10090 GN=Mettl13 PE=1 SV=1	641,0829	637,8406	530,4114	702,0479	749,8652	490,3838	677,8437	862,7824
Q7M6Y3;A0A140LHG9;A0A11LSU R7	27	2	195,7025	0,691719	1,252317	Phosphatidylinositol-binding clathrin assembly protein OS=Mus musculus OX=10090 GN=Picalm PE=1 SV=1	10000,52	9805,714	6027,293	4135,253	7539,685	7035,892	6310,201	5286,483
P28271	44	6	265,3131	0,691877	1,109413	Cytoplasmic aconitate hydratase OS=Mus musculus OX=10090 GN=Aco1 PE=1 SV=3	14939,54	10669,5	13807,68	15081,07	15965,11	11930,99	2739,149	18487,82
Q8VDM4;A0A338P6M5;A0A338P 6S9;A0A338P7H4;E9Q2S8	70	24	535,5558	0,692041	1,121109	26S proteasome non-ATPase regulatory subunit 2 OS=Mus musculus OX=10090 GN=Psm2 PE=1 SV=1	11733,33	8927,761	9312,258	7119,864	11860,24	7281,879	4453,628	9490,437
P05063	31	4	214,5436	0,692105	1,065942	Fructose-bisphosphate aldolase C OS=Mus musculus OX=10090 GN=Aldoc PE=1 SV=4	1348,41	1193,552	1587,069	1428,228	1632,95	1152,177	1474,356	1389,781
Q9JKR6;A0A11SQ34;E0CYZ2;F6T RP3	127	66	824,4737	0,692431	1,078781	Hypoxia up-regulated protein 1 OS=Mus musculus OX=10090 GN=Hyou1 PE=1 SV=1	58933,87	47124,97	42084,82	41258,79	46166,06	51555,01	45667,63	42804,89
Q6IR34;A2AIV3;F6SX81	28	5	172,2232	0,693033	1,202542	G-protein-signaling modulator 1 OS=Mus musculus OX=10090 GN=Gpsm1 PE=1 SV=3	1127,649	472,397	860,2743	615,563	1084,406	597,891	1315,363	701,218
Q99NB9;A0A087WNS2;G5E866 Q60823;D3YXM7;D3YZJ5;D3Z0M 3;D3Z3N2;D3Z490;D3Z5X2;F8WH G5	93	24	698,8669	0,693226	1,183185	Splicing factor 3B subunit 1 OS=Mus musculus OX=10090 GN=Sf3b1 PE=1 SV=1	18407,61	12619,79	11162,57	8724,6	13141,36	11372,09	7526,024	10992,31
	27	4	154,6407	0,693666	1,084013	RAC-beta serine/threonine-protein kinase OS=Mus musculus OX=10090 GN=Akt2 PE=1 SV=1	786,4789	644,9338	812,808	569,5328	803,3483	592,1151	753,5339	521,9135
Q9Z1Q5	27	7	171,3129	0,693707	1,116627	Chloride intracellular channel protein 1 OS=Mus musculus OX=10090 GN=Clic1 PE=1 SV=3	12493,05	12437,13	13628,57	10014,87	16789,3	9762,174	11689,53	12141,5
Q8VE10;A0A494B9D7	1	1	4,7476	0,694213	2,009867	N-alpha-acetyltransferase 40 OS=Mus musculus OX=10090 GN=Naa40 PE=1 SV=1	135,1844	219,6838	56,20853	356,666	86,83898	485,2516	493,0676	51,08988
Q8C080;Q3TLM7	3	1	15,1099	0,694519	1,412552	Sorting nexin-16 OS=Mus musculus OX=10090 GN=Snx16 PE=1 SV=2	117,9734	148,4519	389,3858	147,4424	289,4716	183,0428	289,6939	237,1876
Q05D44	57	13	332,6051	0,69493	1,091547	Eukaryotic translation initiation factor 5B OS=Mus musculus OX=10090 GN=Eif5b PE=1 SV=2	3747,905	4074,474	3698,85	2971,219	4397,092	3343,752	2846,814	2689,317
Q7TQ95;A2ASL8;A2ASM0;A2ASM 1	25	3	144,8918	0,695076	1,14812	Endoplasmic reticulum junction formation protein lunapark OS=Mus musculus OX=10090 GN=Lnpk PE=1 SV=1	2376,803	3284,888	3922,166	4035,081	1913,257	3455,462	2378,705	4114,518
Q91WD7	11	1	59,9449	0,6953	1,246581	Kinesin-like protein KIF18A OS=Mus musculus OX=10090 GN=Kif18a PE=2 SV=1	3957,561	3410,447	5479,847	2217,682	4008,678	2117,281	3383,228	2576,301
Q9Z0H1;A0A3Q4EBZ6	28	5	197,5878	0,695389	1,1282	WD repeat-containing protein 46 OS=Mus musculus OX=10090 GN=Wdr46 PE=2 SV=1	965,0581	1602,565	1332,737	1443,618	1387,151	1303,711	1961,681	1327,512
Q62261;A0A0A0MQG2	229	62	1606,1994	0,695512	1,080548	Spectrin beta chain, non-erythrocytic 1 OS=Mus musculus OX=10090 GN=Sptbn1 PE=1 SV=2	20444,46	16957,42	15553,93	16202,76	18729,01	18846,23	13221,38	17479,89
A0JNY3;Q8BUV3	1	1	5,408	0,695937	1,080541	Gephyrin OS=Mus musculus OX=10090 GN=Gphn PE=1 SV=1	5679,195	5234,498	5301,072	4569,698	5940,69	3905,16	4486,48	5188,613

Q69ZX6	3	1	18,9364	0,695982	1,139027	ATPase MORC2A OS=Mus musculus OX=10090 GN=Morc2a PE=1 SV=2	206,0535	63,37944	152,4545	44,58574	170,3753	271,876	14,42635	32,55089
Q9CXI5;F6T4L3;F6USD5;F7C1S6;Q3TMX5;Q80ZP8	19	4	139,4869	0,696081	1,141133	Mesencephalic astrocyte-derived neurotrophic factor OS=Mus musculus OX=10090 GN=Manf PE=1 SV=1	3601,754	2698,293	2630,491	2084,406	3259,36	3070,283	1103,193	3205,73
Q9CQS8	4	1	38,1726	0,696153	1,211889	Protein transport protein Sec61 subunit beta OS=Mus musculus OX=10090 GN=Sec61b PE=1 SV=3	1091,376	823,0098	729,7606	1061,985	876,3175	638,7856	1607,999	564,4945
Q8BK72	11	3	70,4221	0,69625	1,100973	28S ribosomal protein S27, mitochondrial OS=Mus musculus OX=10090 GN=Mrps27 PE=1 SV=2	1146,859	1097,184	702,8656	1004,86	973,2555	1177,201	979,6623	911,7505
K3W4T3;Q9Z1G4	31	2	228,8957	0,696436	1,131931	V-type proton ATPase subunit a OS=Mus musculus OX=10090 GN=Atp6v0a1 PE=1 SV=1	11980,9	8452,983	10068,96	8845,607	11585,38	6715,818	11618	7841,191
Q9WUQ2;D3Z3S1	8	1	44,8782	0,696694	1,091017	Prolactin regulatory element-binding protein OS=Mus musculus OX=10090 GN=Preb PE=1 SV=1	5661,482	4252,334	2963,974	4507,289	4267,482	5375,039	4349,506	4685,94
Q9CZX8;D3YUG3;D3YUT3;D3Z5R8;D3Z722;S4R223	27	14	164,2764	0,697896	1,084789	40S ribosomal protein S19 OS=Mus musculus OX=10090 GN=Rps19 PE=1 SV=3	19181,76	16175,88	16567,89	13571,15	19424,98	13384,64	16119,47	14968,33
O89110;A0A087WQT6	3	1	14,2189	0,698285	1,109025	Caspase-8 OS=Mus musculus OX=10090 GN=Casp8 PE=1 SV=1	1007,18	1041,533	1300,565	862,3934	1363,76	793,6354	1003,781	1026,882
Q6NS46	87	15	522,9136	0,698758	1,082896	Protein RRP5 homolog OS=Mus musculus OX=10090 GN=Pdcd11 PE=1 SV=2	8377,613	7847,188	6343,724	6235,31	7165,086	8178,975	6337,163	6150,097
Q9JII6;B1AXW3	22	9	159,2485	0,698926	1,084177	Aldo-keto reductase family 1 member A1 OS=Mus musculus OX=10090 GN=Akr1a1 PE=1 SV=3	17027,34	19880,93	22972,02	15741,16	20606,06	14880,63	19133,41	15708,15
Q9CVB6;D3YXG6	22	2	145,5838	0,699145	1,180147	Actin-related protein 2/3 complex subunit 2 OS=Mus musculus OX=10090 GN=Arpc2 PE=1 SV=3	247,1374	118,0658	179,5681	143,9295	147,3067	115,3232	158,6593	162,2827
Q9DA97	29	2	197,5614	0,699245	1,412788	Septin-14 OS=Mus musculus OX=10090 GN=Septin14 PE=1 SV=3	194,817	224,0714	343,3526	175,112	232,9104	250,3498	270,3214	225,5536
Q8BKS9;A0A0N4SUH4;A0A494BB17	32	7	205,3988	0,699391	1,249357	Pumilio homolog 3 OS=Mus musculus OX=10090 GN=Pum3 PE=1 SV=2	11747,94	8765,371	7703,999	7807,866	7798,422	9354,128	18953,76	7767,071
Q60597;Q5SVY0;Z4YJV4	73	19	539,3204	0,699489	1,159847	2-oxoglutarate dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Ogdh PE=1 SV=3	23678,44	22491,09	12634,7	21375,31	16568,75	26057,23	15941,81	19670,28
P51863	18	2	137,4861	0,700628	1,137898	V-type proton ATPase subunit d 1 OS=Mus musculus OX=10090 GN=Atp6v0d1 PE=1 SV=2	1459,606	1398,686	968,2849	1608,595	1104,511	1593,281	1551,389	1935,492
Q9EPW0;A0A0A6YXS5	9	2	54,1448	0,701273	1,239832	Inositol polyphosphate-4-phosphatase type IA OS=Mus musculus OX=10090 GN=Inpp4a PE=1 SV=1	130,0159	372,3823	265,759	312,1756	217,6604	376,3412	229,5757	515,8543
Q9WUK4	15	2	93,0645	0,701332	1,121113	Replication factor C subunit 2 OS=Mus musculus OX=10090 GN=Rfc2 PE=1 SV=1	8684,743	6569,078	4922,111	6332,507	5669,42	7093,324	5652,317	6456,084
Q31125	7	2	45,0191	0,701938	12,87537	Zinc transporter SLC39A7 OS=Mus musculus OX=10090 GN=Slc39a7 PE=1 SV=2	18,78777	70,72812	82,58582	2690,09	8,728979	58,55739	697,8626	56,27426
Q6PCM2	7	1	30,7607	0,70211	1,171294	Integrator complex subunit 6 OS=Mus musculus OX=10090 GN=Ints6 PE=1 SV=1	1924,758	1470,19	1427,271	919,8519	1486,801	1505,199	1394,062	1002,075



E9Q392;F6ZKRO;Q9QXK2	4	2	15,0768	0,702594	1,137211	RING-type E3 ubiquitin transferase RAD18 OS=Mus musculus OX=10090 GN=Rad18 PE=1 SV=1	2261,685	1970,169	1727,387	1598,661	1883,461	1420,506	2629,214	1436,776
P80316;EOCZA1	78	26	636,9851	0,702757	1,085277	T-complex protein 1 subunit epsilon OS=Mus musculus OX=10090 GN=Cct5 PE=1 SV=1	42316,13	41800,06	37956,26	32291,37	45980,82	34311,83	29440,29	36757,06
Q91ZB0	8	1	37,3702	0,703052	1,677853	Alpha-protein kinase 2 OS=Mus musculus OX=10090 GN=Alpk2 PE=2 SV=3	58,41137	117,5738	108,3209	169,6421	104,1861	181,048	150,9911	162,5843
O35295	9	2	63,9397	0,703081	22,07248	Transcriptional activator protein Pur-beta OS=Mus musculus OX=10090 GN=Purb PE=1 SV=3	269,066	35,89735	353,9718	362,8331	38,88758	67,86059	10806,08	341,79
E9PW13;G3UW40	5	1	32,8922	0,703386	1,124904	Mutated in colorectal cancers OS=Mus musculus OX=10090 GN=Mcc PE=1 SV=1	2401,888	1524,418	1850,131	2471,187	2151,305	1702,514	2069,706	1524,738
Q640M1	46	7	284,0435	0,70342	1,09731	U3 small nucleolar RNA-associated protein 14 homolog A OS=Mus musculus OX=10090 GN=Utp14a PE=1 SV=1	3791,845	3635,468	5353,571	3572,841	3349,509	3457,675	4529,068	4215,792
Q9CWF2	155	1	621,5377	0,703833	1,119829	Tubulin beta-2B chain OS=Mus musculus OX=10090 GN=Tubb2b PE=1 SV=1	5241,515	4912,859	8010,431	5517,333	9999,942	6042,155	2261,124	5136,797
A0A0G2JES3;A0A0G2JFQ3;A0A14OT8T4;D3YZT0;D3Z629;P51410	25	7	177,2583	0,70388	1,107627	60S ribosomal protein L9 (Fragment) OS=Mus musculus OX=10090 GN=Rpl9 PE=1 SV=1	6455,936	8969,804	9822,454	6819,587	10585,77	7815,987	8390,506	8726,866
B9EJ86;A0A0R4J150;A0A5F8MPC5	37	5	220,8764	0,704544	1,069744	Oxysterol-binding protein-related protein 8 OS=Mus musculus OX=10090 GN=Osbp18 PE=1 SV=1	2790,874	2798,681	2232,806	2333,247	2015,787	2986,787	1892,468	2716,8
O35685	41	15	266,3816	0,704698	1,108768	Nuclear migration protein nudC OS=Mus musculus OX=10090 GN=Nudc PE=1 SV=1	6492,992	8109,886	7025,516	4868,67	9991,528	5329,336	4498,469	6764,153
A0A5F8MPH5;A0A5F8MPX2	35	2	191,851	0,704842	1,275134	Synaptotagmin-like protein 2 OS=Mus musculus OX=10090 GN=Syt12 PE=1 SV=1	273,9935	1209,94	829,8308	167,4853	1066,023	1114,116	102,3642	562,3672
Q6PCP5;EOCYB9;EOCYI3;F6VAL0;F7B1A4;F7BC60;F7CTF8	14	2	101,7746	0,704953	1,114417	Mitochondrial fission factor OS=Mus musculus OX=10090 GN=Mff PE=1 SV=1	3552,311	2974,441	1856,452	2601,836	2820,916	3110,949	2656,642	2644,299
Q9D8Y0;Q8C845	5	2	37,4603	0,705123	1,574324	EF-hand domain-containing protein D2 OS=Mus musculus OX=10090 GN=Effhd2 PE=1 SV=1	171,7397	158,2046	186,7408	88,29973	188,5357	93,67575	447,0175	102,6855
O35887;G3UWR0;G3UWV3;G3UXA3;G3UXA8;G3UY49;G3V004;Q6XLQ8	28	9	250,0664	0,705436	1,079901	Calumenin OS=Mus musculus OX=10090 GN=Calu PE=1 SV=1	28913,82	23579,68	21157,9	18272,52	25098,08	25552,17	19821,96	22261,78
Q91YQ5;A0A0N4SUJ8	69	25	438,3773	0,705708	1,133049	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 OS=Mus musculus OX=10090 GN=Rpn1 PE=1 SV=1	38344,92	26420,18	19963,22	20965,84	26905,21	28538,21	21871,28	26591,5
P60335;A0A087WR61;A0A087WSI1;A0A0R4J044;A0A1L1SQ99;A0A1L1SUS5;P57724	37	9	202,7067	0,706379	1,086992	Poly(rC)-binding protein 1 OS=Mus musculus OX=10090 GN=Pcbp1 PE=1 SV=1	32731,62	29678,5	28510,5	23546,68	33924,22	26859,45	23233,04	26064,59
E9Q3M9;F7B0R9	48	8	316,8233	0,706445	1,162044	Capping protein-inhibiting regulator of actin-like OS=Mus musculus OX=10090 GN=Cracdl PE=1 SV=1	17144,46	12944,89	11674,66	10722,75	15698,14	15132,45	6862,529	9841,98
O35326;Q9D8S5	20	3	135,4018	0,70718	1,134302	Serine/arginine-rich splicing factor 5 OS=Mus musculus OX=10090 GN=Srsf5 PE=1 SV=2	1200,872	644,9557	1370,846	843,5054	850,7459	672,5641	744,8168	1499,925

Q99KJ8	32	12	202,5261	0,707302	1,32167	Dynactin subunit 2 OS=Mus musculus OX=10090 GN=Dctn2 PE=1 SV=3	6076,1	7222,257	1889,675	1511,575	4320,083	2130,964	1516,943	5861,242
P56399;D3YYA5;D3Z4K7;Q3U4W8	57	18	364,2053	0,708466	1,096257	Ubiquitin carboxyl-terminal hydrolase 5 OS=Mus musculus OX=10090 GN=Usp5 PE=1 SV=1	8659,894	10739,55	11980,46	8904,192	11545,71	7118,506	9700,243	8965,257
Q9CQ22;A0A0A6YX02	9	4	64,804	0,708646	1,118772	Ragulator complex protein LAMTOR1 OS=Mus musculus OX=10090 GN=Lamtor1 PE=1 SV=1	6782,17	5972,653	4525,517	4807,053	5409,916	6307,509	3866,148	4158,969
G3X9B1;A0A1Y7VNI1	64	10	365,157	0,70915	1,076371	HEAT repeat-containing protein 1 OS=Mus musculus OX=10090 GN=Heatr1 PE=1 SV=1	15601,62	12264,24	12082,93	13429,93	14260,09	12785,03	10582,22	11964,03
Q4KMM3;A0A2R8VHT3	9	1	42,9816	0,709456	1,257815	Oxidation resistance protein 1 OS=Mus musculus OX=10090 GN=Oxr1 PE=1 SV=3	3739,614	1203,63	2251,033	2546,804	1939,927	2045,044	1421,934	2409,251
O55201	45	6	270,1239	0,709669	1,099477	Transcription elongation factor SPT5 OS=Mus musculus OX=10090 GN=Supt5h PE=1 SV=1	1600,303	1623,365	2225,469	1346,016	2158,753	2087,357	1433,775	1702,469
O35857	44	15	328,6315	0,709703	1,10413	Mitochondrial import inner membrane translocase subunit TIM44 OS=Mus musculus OX=10090 GN=Timm44 PE=1 SV=2	15406,79	14873,02	11605,13	13074,33	14631,13	15478,65	9073,792	12988,83
P11103	68	1	479,34	0,709904	1,102746	Poly [ADP-ribose] polymerase 1 OS=Mus musculus OX=10090 GN=Parp1 PE=1 SV=3	3334,802	3187,79	2251,333	2187,424	3008,356	3108,523	2723,706	2197,325
D3Z3A6;D3YXR5;Q60953	6	1	27,8266	0,710212	1,14047	Protein PML OS=Mus musculus OX=10090 GN=Pml PE=1 SV=1	5678,544	4085,717	3815,367	2620,479	5587,119	4578,611	1255,961	3703,933
P24270	5	1	21,7119	0,710914	1,14423	Catalase OS=Mus musculus OX=10090 GN=Cat PE=1 SV=4	303,6507	247,4412	238,8431	326,2535	228,0986	311,9775	318,2557	418,8441
Q8K363;F6ZX28	35	11	269,5936	0,711201	1,152569	ATP-dependent RNA helicase DDX18 OS=Mus musculus OX=10090 GN=Ddx18 PE=1 SV=1	7407,992	7938,003	6642,398	4357,089	8558,832	9364,373	6734,308	5085,921
A0A0R4J099;Q3UY34	2	1	15,4165	0,71144	1,148927	Protein CUSTOS OS=Mus musculus OX=10090 GN=2210016L21Rik PE=1 SV=1	192,2325	394,2206	368,3255	409,1402	128,5285	310,1203	286,399	530,3621
Q9JHR7	52	2	341,057	0,712862	1,069366	Insulin-degrading enzyme OS=Mus musculus OX=10090 GN=Ide PE=1 SV=1	266,5708	225,0207	232,482	186,7566	275,085	242,4945	239,5544	205,1987
Q8CGB9	44	1	288,7639	0,712862	1,069366	Insulin-degrading enzyme OS=Mus musculus OX=10090 GN=Ide PE=1 SV=1	4233,073	3573,267	3691,751	2965,644	4368,274	3850,747	3804,059	3258,5
Q9CQR2	7	1	26,9457	0,712868	6,910208	40S ribosomal protein S21 OS=Mus musculus OX=10090 GN=Rps21 PE=1 SV=1	20,93366	28,89807	32,16927	63,86667	7,48652	46,05512	896,3901	58,04423
A0A571BEI2	5	1	24,0811	0,713099	1,40197	AP2-associated protein kinase 1 (Fragment) OS=Mus musculus OX=10090 GN=Aak1 PE=1 SV=1	156,2946	70,4231	11,62559	119,9019	118,4187	42,15907	42,7508	113,3859
Q3UX62;A0A1B0GR16	10	1	54,1357	0,713418	1,158473	Outer dynein arm-docking complex subunit 1 OS=Mus musculus OX=10090 GN=Odad1 PE=2 SV=1	532,3679	632,5601	414,3633	814,4059	335,8308	681,9051	488,2061	560,3095
O70152;A2BDX2;F8WII3	13	5	87,9695	0,713716	1,064626	Dolichol-phosphate mannosyltransferase subunit 1 OS=Mus musculus OX=10090 GN=Dpm1 PE=1 SV=1	3581,261	3501,144	3238,248	3202,425	3230,313	4023,495	3368,529	3201,818
Q8K2Q7	15	3	84,1124	0,714316	4,484314	BRO1 domain-containing protein BROX OS=Mus musculus OX=10090 GN=Brox PE=1 SV=1	50,82562	123,0523	119,8969	71,33875	15,17676	142,8869	1167,933	311,287
Q6NZL6;E9Q2M2;G3UW83	5	1	24,7461	0,714484	1,120855	Tonsoku-like protein OS=Mus musculus OX=10090 GN=Tonsl PE=1 SV=2	531,0117	780,9834	594,8032	728,7627	507,1547	825,2012	695,4855	697,459

Q9D4Q1	5	1	23,8809	0,715023	1,102219	RIB43A-like with coiled-coils protein 2 OS=Mus musculus OX=10090 GN=Ribc2 PE=2 SV=3	357,2319	354,7139	383,1066	421,6738	447,1585	359,5164	375,6437	470,2077
P51881	94	25	419,9603	0,715167	1,232802	ADP/ATP translocase 2 OS=Mus musculus OX=10090 GN=Slc25a5 PE=1 SV=3	23773,8	17309,93	11528,82	17168,43	17743,59	24169,69	9048,083	20210,75
E9PYG6;A0A286YDU0	17	3	86,1637	0,715224	1,076251	RAS p21 protein activator 1 OS=Mus musculus OX=10090 GN=Rasa1 PE=1 SV=1	1073,952	1201,952	1282,151	824,7671	1214,376	1147,16	1063,103	1005,376
Q9JJY4;A0A0G2JE88	30	3	220,3885	0,716563	1,122254	Probable ATP-dependent RNA helicase DDX20 OS=Mus musculus OX=10090 GN=Ddx20 PE=1 SV=2	247,7086	177,2221	271,0057	232,925	250,3694	253,0591	62,07934	262,167
Q8BJ34;A0A2R8VH96	5	1	21,1296	0,716641	1,226145	Meiosis regulator and mRNA stability factor 1 OS=Mus musculus OX=10090 GN=Marf1 PE=1 SV=3	42,52457	42,56141	75,41783	79,02266	18,31193	24,86187	66,29282	85,88254
Q8R0Y6;A0A0N4SW56	31	4	172,0351	0,716847	1,175624	Cytosolic 10-formyltetrahydrofolate dehydrogenase OS=Mus musculus OX=10090 GN=Aldh1l1 PE=1 SV=1	1039,52	580,2044	919,0484	786,7827	875,0944	1167,514	698,3872	942,5349
O88492;A0A571BEC9	4	1	14,3153	0,717534	1,157197	Perilipin-4 OS=Mus musculus OX=10090 GN=Plin4 PE=1 SV=2	3959,993	3606,617	2444,938	2765,209	4612,491	2345,366	2543,252	2868,86
Q3UVK0;F6TQS9;G8JL46	14	2	73,0503	0,717951	1,221426	Endoplasmic reticulum metalloproteinase 1 OS=Mus musculus OX=10090 GN=Ermp1 PE=1 SV=2	537,5378	870,6023	419,112	762,7439	510,6443	370,4562	843,3287	636,0897
Q8K273	1	1	4,9075	0,717971	1,257101	ER membrane protein complex subunit 5 OS=Mus musculus OX=10090 GN=Mmg1 PE=1 SV=1	4454,032	3600,807	2500,59	6373,887	4266,117	3254,059	2030,474	3916,293
O08553	50	17	383,7005	0,718202	1,131046	Dihydropyrimidinase-related protein 2 OS=Mus musculus OX=10090 GN=Dpysl2 PE=1 SV=2	23804,53	21807,19	16471,05	16203,99	26340,57	16512,41	24142,65	17814,6
Q8K120;A0A2I3BRR0	8	1	40,3472	0,718244	1,361786	Nuclear factor of activated T-cells, cytoplasmic 4 OS=Mus musculus OX=10090 GN=Nfatc4 PE=1 SV=2	80,57924	122,5202	113,5217	384,4931	83,9957	231,233	268,2213	371,3178
Q9D3D0	3	1	12,4972	0,718382	5,051029	Alpha-tocopherol transfer protein-like OS=Mus musculus OX=10090 GN=Ttpal PE=1 SV=3	70,61512	39,23436	86,58674	51,25723	65,76341	67,04853	36,77836	44,45086
Q6ZQ08;A0A1D5RM04;A0A1D5RMB6;A0A1D5RMD8;A0A1D5RMJ8;A0A1D5RML9;B7ZWL1	117	22	761,7823	0,718707	1,045649	CCR4-NOT transcription complex subunit 1 OS=Mus musculus OX=10090 GN=Cnot1 PE=1 SV=2	10252,78	9921,572	8551,386	8876,456	10110,27	7747,063	8795,849	9410,1
O88543;F6YCA7	20	4	120,3571	0,718805	1,139504	COP9 signalosome complex subunit 3 OS=Mus musculus OX=10090 GN=Cops3 PE=1 SV=3	1395,178	1355,529	1504,397	871,1314	1755,654	1108,43	1045,794	1109,931
Q99LG2;E9PV58	23	2	157,8929	0,719072	1,063338	Transportin-2 OS=Mus musculus OX=10090 GN=Tnp2 PE=1 SV=1	2044,022	1758,15	1770,771	1565,072	2168,807	1696,422	1683,432	1709,027
P28663;D6RHL2	33	5	215,0024	0,719115	1,04628	Beta-soluble NSF attachment protein OS=Mus musculus OX=10090 GN=Napb PE=1 SV=2	1759,491	1915,681	1814,52	1793,49	1946,549	2003,215	1655,207	1977,003
Q6A065;A0A0A6YVZ3;A0A0A6YV9;A0A0A6YX99;A0A0A6YXK7;A0A0A6YXR9;A0A0A6YXT4;H7BX26	79	16	488,4697	0,719458	1,169209	Centrosomal protein of 170 kDa OS=Mus musculus OX=10090 GN=Cep170 PE=1 SV=2	5573,406	5937,525	4945,499	4329,44	8946,821	1977,055	3557,169	4460,627

A0A0G2JGR8	3	1	19,5122	0,719644	1,383941	Predicted gene, 21680 OS=Mus musculus OX=10090 GN=Gm21680 PE=4 SV=1	79,89992	90,03079	121,9053	20,7581	8,992388	114,5652	91,26274	61,49234
Q922B2;Q8BJY7	63	23	467,0383	0,720308	1,082702	Aspartate--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Dars1 PE=1 SV=2	23831,83	20744,29	18322,49	17857,84	23913,01	17347,66	14887,18	18440,04
Q99PU8;A0A0G2JGL1;A0A0G2JGL8	55	10	311,6291	0,721033	1,08473	ATP-dependent RNA helicase DHX30 OS=Mus musculus OX=10090 GN=Dhx30 PE=1 SV=1	5120,278	4519,867	3128,979	3978,275	4150,836	4255,034	3840,079	4209,881
O35841	34	8	217,4934	0,721826	2,823329	Apoptosis inhibitor 5 OS=Mus musculus OX=10090 GN=Api5 PE=1 SV=2	834,5903	1879,103	1968,606	1136,022	480,4759	1865,523	12938,85	1142,184
O88508;G3UX07;G3UXY2;G3UZK0	31	3	159,4424	0,722658	1,239595	DNA (cytosine-5)-methyltransferase 3A OS=Mus musculus OX=10090 GN=Dnmt3a PE=1 SV=2	1236,318	6492,393	7952,013	9036,755	5359,792	6177,246	5495,332	4913,292
Q99LF4	34	13	259,9251	0,722837	1,114422	RNA-splicing ligase RtcB homolog OS=Mus musculus OX=10090 GN=RtcB PE=1 SV=1	11800,4	11287,22	9487,01	10352,29	11745,6	12242,8	8832,87	10316,01
Q9R1J0	16	3	123,9059	0,724254	1,196644	Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating OS=Mus musculus OX=10090 GN=Nsdhl PE=1 SV=1	4005,995	4402,624	2594,634	2181,385	2375,2	4099,297	3180,115	2567,129
Q2YDW2;D3YX87;E9PUB7	8	1	49,3059	0,724287	1,143363	Protein misato homolog 1 OS=Mus musculus OX=10090 GN=Msto1 PE=1 SV=1	625,2665	822,8989	1052,47	492,7912	1046,124	498,6129	673,2903	557,2195
P56135;F8WHP8	8	5	50,0956	0,72445	1,099001	ATP synthase subunit f, mitochondrial OS=Mus musculus OX=10090 GN=Atp5mf PE=1 SV=3	23543,01	20040,47	14080,14	16301,75	17198,67	22504,49	17833,81	19137,01
P38647	128	58	742,8964	0,724826	1,118887	Stress-70 protein, mitochondrial OS=Mus musculus OX=10090 GN=Hspa9 PE=1 SV=3	93653,92	77697,74	50426,91	78690,84	67516,07	99051,27	73330,67	78184,42
E9Q6E5;D3Z4B0;D6RE22;F6RDI8;F6TN80;Q3UIX4	15	3	95,6967	0,725024	1,083859	Serine and arginine-rich-splicing factor 11 OS=Mus musculus OX=10090 GN=Srsf11 PE=1 SV=1	1660,091	1297,662	1424,165	1816,879	1444,474	1506,41	1662,9	1354,347
Q8CIE6;F6XJN3;F8WHL2	78	20	517,9807	0,725518	1,106478	Coatomer subunit alpha OS=Mus musculus OX=10090 GN=Copa PE=1 SV=2	18276,01	15430	17492,67	14024,37	16968,56	22955,6	14472,08	14878,63
Q8K3J1;A0A494BAW8	13	5	103,2579	0,726066	1,082103	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial OS=Mus musculus OX=10090 GN=Ndufs8 PE=1 SV=1	15015,67	12846,07	10417,05	9567,471	13401,73	12958,77	12006,07	11247,59
Q9D0F3	34	7	221,267	0,726273	1,103118	Protein ERGIC-53 OS=Mus musculus OX=10090 GN=Lman1 PE=1 SV=1	2632,076	2534,286	2932,084	3370,858	2419,179	2801,119	2447,805	4340,805
Q9R1P0;E9PW69;E9Q0X0	18	2	108,3035	0,726493	2,403394	Proteasome subunit alpha type-4 OS=Mus musculus OX=10090 GN=Pma4 PE=1 SV=1	0	0	33,48602	41,48193	0	25,68263	32,68854	50,53777
P48428;A0A1Y7VJ48	15	7	95,1076	0,726869	1,204349	Tubulin-specific chaperone A OS=Mus musculus OX=10090 GN=Tbca PE=1 SV=3	2517,896	2039,001	2946,908	1762,477	3303,043	2806,15	1012,94	3297,828
P16332	28	4	175,9988	0,727366	1,070268	Methylmalonyl-CoA mutase, mitochondrial OS=Mus musculus OX=10090 GN=Mmut PE=1 SV=2	16282,83	11637,73	10558,17	13316,58	12881,15	14932,5	12332,92	13459,2
Q9CWH6;A0A3Q4EG42;A0A3Q4EHS3;A0A3Q4L361;B7ZMS4	20	1	145,3157	0,727397	1,080845	Proteasome subunit alpha type-8 OS=Mus musculus OX=10090 GN=Pma8 PE=1 SV=1	2453,346	2302,113	2418,159	1728,815	3014,838	1933,368	1680,94	1607,404
Q35593	20	9	120,2359	0,728396	1,10352	26S proteasome non-ATPase regulatory subunit 14 OS=Mus musculus OX=10090 GN=Psm14 PE=1 SV=2	5871,508	5821,867	5219,417	4495,602	7037,719	4074,87	4967,727	4435,562

Q8K021;D3YTP4;Q3TSA8	9	1	74,8893	0,729319	1,069314	Secretory carrier-associated membrane protein 1 OS=Mus musculus OX=10090 GN=Scamp1 PE=1 SV=1	1369,077	871,2126	1197,561	1046,287	1408,07	1073,082	1150,493	1163,307
O09167;Q9CQM8	21	4	99,2581	0,729485	1,082934	60S ribosomal protein L21 OS=Mus musculus OX=10090 GN=Rpl21 PE=1 SV=3	1477,026	1500,322	1083,575	1208,427	1557,058	1130,103	801,2155	1377,435
Q9Z110;D3Z0B4;H3BKJ8;H3BKKO;H3BLE8	67	27	457,5232	0,72956	1,107104	Delta-1-pyrroline-5-carboxylate synthase OS=Mus musculus OX=10090 GN=Aldh18a1 PE=1 SV=2	26486,41	23135,65	14852	19111,59	20519,12	23715,6	17582,77	20498,24
Q9CPW4;Q3UA72	9	2	49,312	0,729747	1,158385	Actin-related protein 2/3 complex subunit 5 OS=Mus musculus OX=10090 GN=Arpc5 PE=1 SV=3	397,293	315,2328	385,7297	318,9116	344,1142	290,9956	442,6232	563,8923
Q9CXV6	16	6	118,2888	0,729773	1,074151	Interleukin enhancer-binding factor 2 OS=Mus musculus OX=10090 GN=Ilf2 PE=1 SV=1	26323,07	21668,84	18556,63	19949,32	21859,61	25458,65	15167,34	22383,33
Q9CR68	20	9	160,2057	0,730199	1,11413	Cytochrome b-c1 complex subunit Rieske, mitochondrial OS=Mus musculus OX=10090 GN=Uqcrcf1 PE=1 SV=1	27342,72	21924,69	16894,28	19407,26	20604,18	25358,98	17711,38	17618,18
P63242;A0A0A0MQM0;J3QPS8;Q8BGY2	33	16	166,5391	0,730392	1,095885	Eukaryotic translation initiation factor 5A-1 OS=Mus musculus OX=10090 GN=Eif5a PE=1 SV=2	26637,98	23707	23210,89	17423,31	28864,77	19158	18152,31	16843,82
Q9Z2X1;J3QM80;J3QMT0;J3QP45	65	18	280,703	0,730878	1,06711	Heterogeneous nuclear ribonucleoprotein F OS=Mus musculus OX=10090 GN=Hnrnpf PE=1 SV=3	30779,18	27141,3	22574,38	24493,02	28174,94	26302,35	20206,82	25484,02
P28658	40	5	298,072	0,731213	1,165523	Ataxin-10 OS=Mus musculus OX=10090 GN=Atxn10 PE=1 SV=2	2280,406	1896,158	1837,968	1249,407	2894,875	2370,743	1560,264	1640,406
Q9D478;A0A0G2JGC4	8	2	43,3578	0,731314	1,065669	Protein BCAP OS=Mus musculus OX=10090 GN=Odf2l PE=2 SV=1	725,4736	474,3886	508,104	587,5403	623,2947	652,605	615,6869	554,6633
P54227;D3Z1Z8;D3Z5N2	26	10	187,3591	0,732541	1,148792	Stathmin OS=Mus musculus OX=10090 GN=Stmn1 PE=1 SV=2	36069,38	27929,54	33180,99	14811,32	37370,71	23168,37	13417,14	23529,83
E9PW20;D3YZA1;D3Z7T7;Q9CY57	7	1	46,7822	0,733324	1,068412	Chromatin target of PRMT1 protein OS=Mus musculus OX=10090 GN=Chtop PE=1 SV=1	8372,792	8041,007	6507,917	6948,874	7857,766	8926,135	6511,214	7279,836
Q7TPD0;A0A0G2JFJ6	17	6	78,4766	0,733685	1,099895	Integrator complex subunit 3 OS=Mus musculus OX=10090 GN=Ints3 PE=1 SV=2	1243,913	1176,12	1572,045	1489,701	1818,657	1148,575	1387,5	1448,806
Q8R2Y2;A0A11L1SQCS;F7ATH5	14	4	88,1037	0,733721	1,217885	Cell surface glycoprotein MUC18 OS=Mus musculus OX=10090 GN=Mcam PE=1 SV=1	258,2653	332,638	386,5675	434,8458	370,1147	308,0595	384,9668	369,812
Q9CYN2;A0A140LHG8;A0A140LHR3;A0A140LJ01;A0A140LJG6	9	1	66,2013	0,73385	1,256714	Signal peptidase complex subunit 2 OS=Mus musculus OX=10090 GN=Spes2 PE=1 SV=1	1909,079	966,7949	1223,812	1502,744	1391,337	1572,51	2603,617	936,817
Q3UGC7;Q66JS6	8	1	69,5094	0,734254	1,298982	Eukaryotic translation initiation factor 3 subunit J-A OS=Mus musculus OX=10090 GN=Eif3j1 PE=2 SV=1	484,1618	198,968	613,4387	677,42	314,668	1108,154	648,3631	492,9901
Q60634;Q5SS83	14	1	80,6377	0,734378	1,175449	Flotillin-2 OS=Mus musculus OX=10090 GN=Flot2 PE=1 SV=2	486,6292	293,4347	259,5216	230,6665	319,6768	392,0296	234,0544	429,188
Q9D6J6;D6RGN4;M0QWP9	17	7	112,2527	0,734755	1,060242	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial OS=Mus musculus OX=10090 GN=Ndufv2 PE=1 SV=2	6726,495	5670,132	4380,926	5344,848	5433,78	6590,999	6077,546	5352,781
Q91VJ4	1	1	4,5967	0,734766	1,13956	Serine/threonine-protein kinase 38 OS=Mus musculus OX=10090 GN=Stk38 PE=1 SV=1	169,4087	186,2912	179,1966	63,92535	204,7009	128,0037	115,4973	171,2064

E9QNN1;A0A087WPL5;A0A0R4J2 C3;O70133;Q3UR42	98	40	763,9224	0,735331	1,076803	DEAH box protein 9 OS=Mus musculus OX=10090 GN=Dhx9 PE=1 SV=1	44829,79	38340,82	27756,07	37042,97	38392,17	44130,84	34357,28	38846,54
Q69ZA1;A0A1Y7VLM0;A0A1Y7VN Q1	19	2	105,9596	0,735505	1,121815	Cyclin-dependent kinase 13 OS=Mus musculus OX=10090 GN=Cdk13 PE=1 SV=3	4460,437	3158,733	2640,643	2862,781	4312,164	2545,584	2027,149	2812,746
Q5PSV9;A0A286YCY4;E9QK89	59	13	352,3477	0,735521	1,085467	Mediator of DNA damage checkpoint protein 1 OS=Mus musculus OX=10090 GN=Mdc1 PE=1 SV=1	10532,05	11172,03	9502,029	11402,31	12374,35	11721,03	5804,706	9353,427
Q64436;Q91WH7	43	9	306,4491	0,737052	1,068314	Potassium-transporting ATPase alpha chain 1 OS=Mus musculus OX=10090 GN=Atp4a PE=1 SV=4	1067,579	1236,645	888,6453	1035,487	967,0786	1174,397	877,3166	959,4743
P25206	59	11	437,0708	0,737732	1,064985	DNA replication licensing factor MCM3 OS=Mus musculus OX=10090 GN=Mcm3 PE=1 SV=2	10121,55	11134,53	11366,66	9555,892	12317,23	11502,21	9343,898	8700,064
Q8VEM8;G5E902	51	26	280,7429	0,737793	1,235269	Phosphate carrier protein, mitochondrial OS=Mus musculus OX=10090 GN=Slc25a3 PE=1 SV=1	22386,93	17562,75	10847,84	17125,23	16128,44	21238,53	7771,508	20445,22
Q80T69	1	1	4,0376	0,738037	1,121271	Lysine-specific demethylase 9 OS=Mus musculus OX=10090 GN=Rsb1 PE=1 SV=3	2503,67	2913,853	2553,683	2937,164	2512,8	3753,947	2335,676	2526,694
Q9CXW2	17	2	105,9779	0,739004	1,092164	28S ribosomal protein S22, mitochondrial OS=Mus musculus OX=10090 GN=Mrps22 PE=1 SV=1	3427,145	2444,928	2178,573	2401,898	2794,939	2434,976	2174,288	2166,288
P32067;A2AR07;D6R187;F6SXM5	45	20	322,6476	0,73918	1,065499	Lupus La protein homolog OS=Mus musculus OX=10090 GN=Ssb PE=1 SV=1	9907,235	9690,757	9972,664	8039,072	11457,08	8273,728	7234,924	8632,767
E9PWW9	12	4	76,625	0,739368	1,132088	Remodeling and spacing factor 1 OS=Mus musculus OX=10090 GN=Rsf1 PE=1 SV=2	721,0836	417,4475	504,2501	209,5173	523,8845	580,5951	304,179	491,8842
Q64511;F6U5K2;F6XX57	119	17	865,1743	0,739881	1,103298	DNA topoisomerase 2-beta OS=Mus musculus OX=10090 GN=Top2b PE=1 SV=2	15226,25	10590,46	13169,43	9435,178	15722,73	13191,74	9397,9	11401,34
P58774;A2AIM5	37	1	290,2606	0,739905	1,094391	Tropomyosin beta chain OS=Mus musculus OX=10090 GN=Tpm2 PE=1 SV=1	708,6672	652,5688	985,4096	846,9453	1003,454	710,0613	778,2893	745,1552
F6YQT7	3	2	14,7673	0,740131	1,145984	Lipase, member I OS=Mus musculus OX=10090 GN=Lipi PE=3 SV=1	1972,887	1212,406	1046,215	1428,626	2131,179	1933,254	1208,671	1213,319
Q8K2M0	7	1	36,4554	0,740289	1,122323	39S ribosomal protein L38, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl38 PE=1 SV=2	2294,204	1822,419	1220,192	1593,064	1514,632	2907,966	1670,438	1560,009
H7BX14;A0A0U1RNS7;A0A0U1RP F7;D3YWG5;D3YY06;D3YZ84;D6R H65;Q8BMZ5	11	1	87,0962	0,741019	1,158628	tRNA-splicing endonuclease subunit Sen34 OS=Mus musculus OX=10090 GN=Tsen34 PE=1 SV=1	642,2504	633,0258	841,3512	637,2094	1135,11	574,4295	591,0948	533,1853
B7ZCI2;A0A1B0GXL1;B7ZCI3;Q0II 04	25	2	145,2405	0,741458	1,334488	Nebulette OS=Mus musculus OX=10090 GN=Nebi PE=1 SV=1	2442,4	982,6088	1238,224	3356,965	1742,878	1093,061	1034,558	2139,446
Q8R4C2	11	1	31,8806	0,741581	1,149381	RUN and FYVE domain-containing protein 2 OS=Mus musculus OX=10090 GN=Rufy2 PE=1 SV=2	211,9784	383,6035	307,4325	205,4941	343,4508	297,1029	311,5433	204,806
Q8BZ32;D3Z112;D6REV1;F6WV2 1	18	1	82,8901	0,742267	1,171779	Putative Polycomb group protein ASXL2 OS=Mus musculus OX=10090 GN=Asxl2 PE=1 SV=1	36053,81	24207,59	23165,84	7258,618	28856,87	25552,36	9349,642	22379,22

A0A0R4J140;Z4YLI8	11	2	67,3968	0,742962	1,151426	Clustered mitochondria protein homolog OS=Mus musculus OX=10090 GN=Cluh PE=1 SV=1	12290,36	10206,05	7732,929	7847,787	14452,04	9637,429	7664,365	8970,929
A0A0R4J1C3;A6QR1;F2Z3W1	23	2	139,9935	0,742963	1,191321	Predicted gene, 43951 OS=Mus musculus OX=10090 GN=4933427D14Rik PE=1 SV=1	612,4779	2024,584	1889,891	1161,1	1884,125	2284,542	874,0133	1092,262
D3YXK2;S4R1M2;S4R2Q5	48	7	369,7811	0,743404	1,051672	Scaffold attachment factor B1 OS=Mus musculus OX=10090 GN=Saflb PE=1 SV=2	8687,422	7551,981	6657,263	7374,475	7981,68	8570,28	7275,935	7126,424
Q9Z1N5;G3UXI6	62	6	368,7173	0,743664	1,06735	Spliceosome RNA helicase Ddx39b OS=Mus musculus OX=10090 GN=Ddx39b PE=1 SV=1	30221,71	30484,46	30484,93	26169,56	33729,77	32646,24	25684,27	24164,69
Q9D0Q7	4	2	20,7729	0,744677	1,176716	39S ribosomal protein L45, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl45 PE=1 SV=1	898,5656	1685,676	2056,489	1103,266	1222,05	1859,608	1173,602	978,5002
Q8R2Y8	14	7	87,0666	0,745033	1,292333	Peptidyl-tRNA hydrolase 2, mitochondrial OS=Mus musculus OX=10090 GN=Pthr2 PE=1 SV=1	3670,373	3182,762	2724,389	2080,341	6258,206	4309,795	2417,715	2005,06
Q91V12;E9PYH2	39	14	246,7994	0,745809	1,06659	Cytosolic acyl coenzyme A thioester hydrolase OS=Mus musculus OX=10090 GN=Acot7 PE=1 SV=2	23363,54	21273,67	24979,58	18749,97	28191,3	16814,96	18912,21	20972,37
Q9D3R3;A0A1Y7JU1	3	1	20,0752	0,745818	1,521486	Centrosomal protein of 72 kDa OS=Mus musculus OX=10090 GN=Cep72 PE=1 SV=3	94,31403	83,59166	102,9411	263,4665	84,35299	58,71362	335,4007	61,44596
Q68FD5;F6Z1R4;Q5SXR6	152	63	1015,6428	0,746632	1,041565	Clathrin heavy chain 1 OS=Mus musculus OX=10090 GN=Cltc PE=1 SV=3	34468,01	31665,92	26658,3	30125,3	31150,28	34581,53	27168,06	30728,55
P70296;D3Z1V4;D6RHS6	18	9	142,2359	0,746698	1,097653	Phosphatidylethanolamine-binding protein 1 OS=Mus musculus OX=10090 GN=Pebp1 PE=1 SV=3	38288,76	38070,45	41834,27	31632,83	50884,06	28189,57	31655,45	32983,28
Q5SP85;E0CX32	5	2	27,3805	0,746712	1,037674	Coiled-coil domain-containing protein 85A OS=Mus musculus OX=10090 GN=Ccdc85a PE=1 SV=1	6810,295	6903,504	5361,64	6655,111	6091,704	6698,908	6649,927	7250,143
P24549;A0A286YCZ0	6	1	33,2541	0,747465	1,389184	Aldehyde dehydrogenase 1A1 OS=Mus musculus OX=10090 GN=Aldh1a1 PE=1 SV=5	35,11166	45,49374	335,8627	141,3589	144,8629	72,86441	207,2007	237,7346
D3Z383;D3Z3U2;Q07646	14	6	102,2538	0,747478	1,12508	Mesoderm-specific transcript protein OS=Mus musculus OX=10090 GN=Mest PE=1 SV=2	7267,138	3336,504	5510,766	3953,935	4489,544	5767,582	4848,168	4979,604
P14148;F6XI62	69	22	321,4048	0,747618	1,118165	60S ribosomal protein L7 OS=Mus musculus OX=10090 GN=Rpl7 PE=1 SV=2	104659,7	78416,99	82780,26	55848,03	96683,39	73278,97	47455,94	70289,64
Q80TQ2;Z4YJJ5	5	2	26,2765	0,748262	1,512505	Ubiquitin carboxyl-terminal hydrolase CYLD OS=Mus musculus OX=10090 GN=Cyld PE=1 SV=2	74,75414	146,4988	41,81646	223,4986	28,44623	61,00908	93,10541	139,136
Q9Z2U0;A0A338P7D7	21	4	141,3701	0,748291	1,119297	Proteasome subunit alpha type-7 OS=Mus musculus OX=10090 GN=Psm7 PE=1 SV=1	24929,95	17678,54	21425,16	11075,98	26955,32	15014,37	9840,204	16597,05
A0A3B2WB60;B2KF34;P47811	3	1	16,1661	0,748631	44,69151	Mitogen-activated protein kinase OS=Mus musculus OX=10090 GN=Mapk14 PE=1 SV=1	20,28544	0,01026	36,73218	40,62606	15,64036	0,652454	4316,253	31,75618
P55821	14	1	90,3076	0,748741	1,145123	Stathmin-2 OS=Mus musculus OX=10090 GN=Stmn2 PE=1 SV=1	9265,677	7021,448	8505,523	3401,98	9757,16	5989,211	3067,073	5857,689
Q06194;B2RRC9	7	2	49,6111	0,749361	1,73416	Coagulation factor VIII OS=Mus musculus OX=10090 GN=F8 PE=2 SV=2	276,2664	440,3693	337,3315	314,6759	477,3903	309,0849	560,551	345,8915

D3YVW2;Q8BXA1	19	6	117,8764	0,749426	1,128796	Golgi integral membrane protein 4 OS=Mus musculus OX=10090 GN=Golim4 PE=1 SV=1	1293,216	778,2432	688,1349	699,9679	855,3195	1137,128	694,9624	917,5123
Q8VD04;A2AEW5;A2AEW6	39	1	217,7289	0,749546	1,114221	GRIP1-associated protein 1 OS=Mus musculus OX=10090 GN=Gripap1 PE=1 SV=1	3129,694	3731,109	3717,847	3557,609	3869,586	2679,686	4814,183	4210,467
Q8BK35	17	4	105,152	0,749598	1,089396	Ribosome biogenesis protein NOP53 OS=Mus musculus OX=10090 GN=Nop53 PE=1 SV=1	5435,048	6107,99	4831,781	4775,792	6884,952	5861,613	3619,602	4684,285
O88967	42	1	267,5537	0,749856	1,369854	ATP-dependent zinc metalloprotease YME1L1 OS=Mus musculus OX=10090 GN=Yme1l1 PE=1 SV=1	17,9022	26,41811	67,22888	46,50523	17,69	33,59524	80,94276	84,28344
A0A0G2JFD5;A0A0G2JFY7;A0A0G2JGJ6;G3UXD1;J3QMF9;K7N6W5;Q80ZT2;Q8C5Y0	3	1	17,7653	0,749879	1,300103	Predicted gene, 21083 OS=Mus musculus OX=10090 GN=Gm21083 PE=4 SV=1	108,398	250,9832	296,6247	305,9425	154,9221	284,3289	327,005	318,5761
Q8C052;A0A1D5RLY6	19	4	95,6097	0,75009	1,388337	Microtubule-associated protein 1S OS=Mus musculus OX=10090 GN=Map1s PE=1 SV=2	217,2684	68,63647	208,4588	136,2225	96,07848	43,0438	70,10306	367,1113
Q99LE6	21	4	138,2301	0,750344	1,07479	ATP-binding cassette sub-family F member 2 OS=Mus musculus OX=10090 GN=Abcf2 PE=1 SV=1	1843,223	1426,05	1567,224	1234,504	1449,522	1405,436	1921,86	1748,232
Q62029	43	2	285,4445	0,750442	1,05525	Polyadenylate-binding protein OS=Mus musculus OX=10090 GN=Pabpc2 PE=1 SV=1	3879,461	3379,023	3820,914	4508,321	4096,026	3987,066	4068,524	3993,925
Q148V7;A0A087WRM8;A0A087WSS1;E9QM90;G3X9J4	18	3	105,2	0,750609	1,055596	RAB11-binding protein RELCH OS=Mus musculus OX=10090 GN=Relch PE=1 SV=1	1384,525	1608,273	1869,871	1591,339	1710,878	1788,745	1597,279	1411,594
P62137	29	6	195,6719	0,75098	1,147458	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit OS=Mus musculus OX=10090 GN=Ppp1ca PE=1 SV=1	19631,59	17233,61	10108,58	13006,36	16104,51	14742,75	8489,489	12935,45
Q9JIX8;B8JJ89;B8JJ90;B8JJ91;B8JJ92;F6Q8C0;F6RJ39;Q52KR6	64	19	455,513	0,750992	1,067994	Apoptotic chromatin condensation inducer in the nucleus OS=Mus musculus OX=10090 GN=Acin1 PE=1 SV=3	13052,36	12855,23	9921,873	9662,259	11714,76	12729,66	13389,26	10751,19
P46414	3	1	21,4226	0,751526	1,764164	Cyclin-dependent kinase inhibitor 1B OS=Mus musculus OX=10090 GN=Cdkn1b PE=1 SV=2	360,183	75,89755	261,0725	348,2523	107,3903	113,941	724,3745	176,5968
Q3UCQ1	3	1	9,0219	0,751884	1,883848	Forkhead box protein K2 OS=Mus musculus OX=10090 GN=Foxk2 PE=1 SV=3	1891,221	994,4703	129,9313	104,8251	956,1072	1851,441	128,4425	171,6591
Q5BLK4;A0A286YDD7;A0A286YDH2;E9PUA2	7	1	39,0508	0,751959	1,099038	Terminal uridylyltransferase 7 OS=Mus musculus OX=10090 GN=Tut7 PE=1 SV=3	6559,483	6608,682	9185,908	5973,441	6664,644	6535,934	6096,044	6478,199
Q8CHY7;A0A140LHI7;E9QKU9	12	1	71,6697	0,75242	1,207794	Tetratricopeptide repeat protein 23 OS=Mus musculus OX=10090 GN=Ttc23 PE=1 SV=1	840,0782	1119,746	1616,57	1037,402	1292,111	1234,754	421,3341	1372,643
Q64096;D3YUF4;E9PXE1;E9PY12;E9PY13;E9Q863;E9QPM7;G3UXP9	11	1	60,3503	0,752876	1,073618	Guanine nucleotide exchange factor DBS OS=Mus musculus OX=10090 GN=Mcf2l PE=1 SV=2	50917,94	39974,31	36252,26	33500,58	39220,91	48047,39	41249,99	40186,17
P26040	65	6	415,4868	0,753077	1,053283	Ezrin OS=Mus musculus OX=10090 GN=Ezr PE=1 SV=3	6900,061	5644,791	4756,343	5198,28	6071,019	5649,323	5237,851	5563,449
Q6ZWN5;D3YWH9;D3Z673;F7CJS8;Q9CXW7	30	13	167,288	0,753224	1,072947	40S ribosomal protein S9 OS=Mus musculus OX=10090 GN=Rps9 PE=1 SV=3	20134,33	17840,98	16803,93	14469,41	19997,19	15009,6	12534,5	17311,92
P62334	26	8	203,3329	0,753449	1,079912	26S proteasome regulatory subunit 10B OS=Mus musculus OX=10090 GN=Psmc6 PE=1 SV=1	7837,819	8005,962	9297,873	6588,294	9931,659	6590,355	7042,855	7628,779



Gene ID	Chromosome	Start (kb)	End (kb)	Score	Gene Name	OS	OX	GN	PE	SV	250000	500000	750000	1000000	1250000	1500000	1750000	2000000
Q8R429	6	382,8161	0,754361	1,110071	Sarcoplasmic/endoplasmic reticulum calcium ATPase 1	Mus musculus	OX=10090	GN=Atp2a1	PE=1	SV=1	2509,31	1880,496	1493,045	1549,181	1643,346	1701,783	1593,623	1756,341
Q9CQD1	16	128,5895	0,754465	1,061166	Ras-related protein Rab-5A	Mus musculus	OX=10090	GN=Rab5a	PE=1	SV=1	7557,794	6487,161	5440,559	5791,393	6336,579	6420,019	5494,752	5652,159
P61089;A0A087WPV1;A0A1W2P7Z3;Q9CQ37	19	104,0307	0,754633	1,081413	Ubiquitin-conjugating enzyme E2 N	Mus musculus	OX=10090	GN=Ube2n	PE=1	SV=1	7479,592	7753,992	7916,514	6247,886	9323,105	5224,358	6840,926	6454,642
Q4QRL3;A0A494BB08	41	199,5693	0,754887	1,097747	Coiled-coil domain-containing protein 88B	Mus musculus	OX=10090	GN=Ccdc88b	PE=1	SV=2	2164,699	2708,022	2816,24	2489,311	2084,38	3264,273	3587,255	2152,668
Q9CQA3	36	229,344	0,756251	1,076021	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial	Mus musculus	OX=10090	GN=Sdhb	PE=1	SV=1	27279,19	22674,51	16624,11	19907,76	23590,57	26760,96	20546,09	22162,66
P08553;A0A0R4J036;D3YZ35	44	278,5595	0,756585	1,114437	Neurofilament medium polypeptide	Mus musculus	OX=10090	GN=Nefm	PE=1	SV=4	2015,426	2561,05	2440,681	2541,192	2689,11	1863,704	1517,503	3079,194
Q8BMD8	19	118,1315	0,756709	1,065776	Calcium-binding mitochondrial carrier protein ScaMc-1	Mus musculus	OX=10090	GN=Slc25a24	PE=1	SV=1	3072,368	3469,061	2383,128	2760,29	2995,214	3642,305	2666,108	3149,799
Q5DTM8;A2AIR0;A2AIR1;A2AIR2	8	37,226	0,757339	1,32053	E3 ubiquitin-protein ligase BRE1A	Mus musculus	OX=10090	GN=Rnf20	PE=1	SV=2	621,3148	175,0865	446,4844	308,6258	1044,268	361,1036	179,6881	391,3902
P48771	4	36,4541	0,757371	1,094875	Cytochrome c oxidase subunit 7A2, mitochondrial	Mus musculus	OX=10090	GN=Cox7a2	PE=1	SV=2	3558,015	3289,434	3212,556	4506,579	2790,956	4931,617	3973,693	4212,578
P18760;A0A494B9A7	25	175,8263	0,757704	1,07427	Cofilin-1	Mus musculus	OX=10090	GN=Cfl1	PE=1	SV=3	26206,44	28749,19	31796	22392,14	33170,55	29415,29	25035,17	19580,34
Q8C281;P51125;Q8CE80;Q921U7	9	47,6375	0,758217	1,145504	Calpain inhibitor	Mus musculus	OX=10090	GN=Cast	PE=1	SV=1	1441,811	1852,699	3186,253	1943,063	3002,304	1182,691	1612,23	1556,593
Q8BL06	3	14,1228	0,758519	1,048016	Inactive ubiquitin carboxyl-terminal hydrolase 54	Mus musculus	OX=10090	GN=Usp54	PE=1	SV=2	19109,26	23969,72	23327,68	23445,55	24530,49	21500,02	20792,67	18912,38
E0CYE6;Q3TWL2	3	10,0202	0,759489	1,129469	Phosphatidylinositol-4,5-bisphosphate 4-phosphatase (Fragment)	Mus musculus	OX=10090	GN=Pip4p1	PE=1	SV=1	150,7043	428,2531	700,4831	631,9728	757,1939	298,3722	544,8511	558,4645
Q9D819	29	202,5672	0,759793	1,090684	Inorganic pyrophosphatase	Mus musculus	OX=10090	GN=Ppa1	PE=1	SV=1	15099,79	13376,2	15537,31	10220,49	15178,7	11431	12748,79	11527,11
Q3TZX3	2	9,4765	0,7598	1,279363	Solute carrier family 25 member 33	Mus musculus	OX=10090	GN=Slc25a33	PE=2	SV=1	421,2172	284,7126	320,8798	379,9364	227,1165	673,2333	542,6489	356,7406
Q91V64;A0A494B952	12	72,3192	0,760366	1,062483	Isochorismatase domain-containing protein 1	Mus musculus	OX=10090	GN=Isoc1	PE=1	SV=1	701,1354	503,264	435,5915	553,2269	501,8826	632,5553	553,9127	641,0726
Q8BH79	2	9,4482	0,760387	1,084375	Anoctamin-10	Mus musculus	OX=10090	GN=Ano10	PE=1	SV=1	4717,921	3836,93	2576,791	3486,834	3527,419	4717,051	3569,757	3792,035
Q62203	12	55,004	0,761085	1,238259	Splicing factor 3A subunit 2	Mus musculus	OX=10090	GN=Sf3a2	PE=1	SV=2	242,0443	101,2741	196,3586	332,5283	244,0753	192,1104	219,8748	167,8361

P09671;A0A3B2WBFO	18	8	104,3972	0,761276	1,067649	Superoxide dismutase [Mn], mitochondrial OS=Mus musculus OX=10090 GN=Sod2 PE=1 SV=3	13067,82	11540,72	9498,489	9702,783	11615,23	13351,13	10627,97	10443,83
Q64336;A2AR81	2	1	9,7623	0,761531	1,131767	T-box brain protein 1 OS=Mus musculus OX=10090 GN=Tbr1 PE=1 SV=2	726,2739	581,5208	389,0684	477,9319	554,6079	370,1004	580,0402	468,6789
Q91YK2;A0A494B9S4;A0A494BAM4;D6RDDO	35	7	205,0261	0,761688	1,0935	Ribosomal RNA processing protein 1 homolog B OS=Mus musculus OX=10090 GN=Rrp1b PE=1 SV=2	2751,93	2332,38	2674,117	2254,002	3336,21	2404,17	2128,553	1773,787
A0A0A6Y83;A2RS43;E9Q2S0	12	2	58,7137	0,762179	1,09634	Protocadherin 7 OS=Mus musculus OX=10090 GN=Pcdh7 PE=1 SV=1	15308,29	14616,49	11468,79	10061,32	18070,73	11317,75	14781,45	12242,15
P56371	21	3	142,5732	0,76229	1,052617	Ras-related protein Rab-4A OS=Mus musculus OX=10090 GN=Rab4a PE=1 SV=2	581,571	618,5742	542,2948	473,5333	643,6915	569,6553	533,3457	492,4389
O89017	17	5	116,8165	0,762312	1,081793	Legumain OS=Mus musculus OX=10090 GN=Lgmn PE=1 SV=1	6952,599	6169,518	6313,147	6663,917	3730,566	8057,248	7022,054	7488,443
Q9WV55;A0A3B2W837	33	16	179,7893	0,762326	1,118087	Vesicle-associated membrane protein-associated protein A OS=Mus musculus OX=10090 GN=Vapa PE=1 SV=2	21541,76	14316,19	13552,26	8131,371	15562,12	18597,63	8373,909	17262,38
Q921J2	3	1	16,3681	0,762669	1,059677	GTP-binding protein Rheb OS=Mus musculus OX=10090 GN=Rheb PE=1 SV=1	2193,37	1830,827	2409,773	2051,995	1984,83	2044,105	2303,215	2434,366
Q9ER00	18	5	112,4776	0,762965	1,061543	Syntaxin-12 OS=Mus musculus OX=10090 GN=Stx12 PE=1 SV=1	2113,649	1963,457	1537,558	2089,014	1784,712	2372,823	2004,269	1682,167
Q80X90	127	25	862,1041	0,763147	1,060636	Filamin-B OS=Mus musculus OX=10090 GN=Flnb PE=1 SV=3	11551,42	15725,25	13908,15	13840,99	17345,78	13917,17	12771,64	14327,78
E9Q6R7;A0A1W2P8G5	83	12	412,9156	0,763416	1,049191	Utrophin OS=Mus musculus OX=10090 GN=Utrn PE=1 SV=1	3668,169	3388,853	2929,175	3508,832	3041,531	3979,057	2845,581	3429,163
G3UZ78;A0A140LI36	14	2	72,3252	0,763548	1,059672	Androglobin OS=Mus musculus OX=10090 GN=Adgb PE=1 SV=1	1793,689	2072,182	1737,426	2018,06	1704,724	1901,439	2029,272	1668,856
Q9CPU0;A0A494BAF7;A0A494BBE7	6	2	35,4547	0,763812	1,100949	Lactoylglutathione lyase OS=Mus musculus OX=10090 GN=Glo1 PE=1 SV=3	1879,389	1624,13	1943,187	1455,645	2269,393	1158,204	1566,84	2049,898
Q5U458;A2A8D1;E9Q8B3	22	2	110,1864	0,764128	2,239945	DnaJ homolog subfamily C member 11 OS=Mus musculus OX=10090 GN=Dnajc11 PE=1 SV=2	116,2891	12,82705	88,08295	104,8202	15,51829	216,5871	107,6092	141,895
P50396;B7FAU8;D6RI86	44	7	347,379	0,764407	1,06556	Rab GDP dissociation inhibitor alpha OS=Mus musculus OX=10090 GN=Gdi1 PE=1 SV=3	7293,441	7780,378	8165,947	6287,937	9013,487	6462,327	7541,362	7591,71
Q6PGB8;F6QS43;F6Z6F4;Q8BS67	47	5	291,1645	0,764795	1,168908	Probable global transcription activator SNF2L1 OS=Mus musculus OX=10090 GN=Smarca1 PE=1 SV=1	4083,014	3679,955	3522,541	2954,744	4460,659	5205,071	1511,344	4600,662
A0A571BG95;E9PUE7	14	5	89,574	0,765005	1,111809	Active breakpoint cluster region-related protein OS=Mus musculus OX=10090 GN=Abr PE=1 SV=1	5734,832	4694,38	4189,868	3350,907	5188,84	4294,352	3421,121	3768,866
Q8C6J9;A0A1B0GSN1;F6SI62	2	1	9,4661	0,765098	1,2357	NACHT, LRR and PYD domains-containing protein 4B OS=Mus musculus OX=10090 GN=Nlrp4b PE=2 SV=1	465,7725	295,4407	154,7415	216,1057	165,9403	350,5264	280,3572	310,7184
Q9CPQ3;A0A2R8VHM4	7	2	66,771	0,76562	1,091219	Mitochondrial import receptor subunit TOM22 homolog OS=Mus musculus OX=10090 GN=Tomm22 PE=1 SV=3	7762,064	7346,9	7590,458	5871,217	5707,874	7968,825	9793,892	7527,568

Q9CR60	2	2	20,0373	0,766178	1,116832	Vesicle transport protein GOT1B OS=Mus musculus OX=10090 GN=Golt1b PE=1 SV=1	5620,069	3904,183	2726,156	2450,59	2055,75	5330,118	3438,412	2392,987
Q922K7;A0A0N4SW16;E9QN31	39	12	295,1313	0,766516	1,059262	Probable 28S rRNA (cytosine-C(5))-methyltransferase OS=Mus musculus OX=10090 GN=Nop2 PE=1 SV=1	14244,01	12445,66	10609,75	11846,43	11460,01	13769,5	10245,11	10921,73
Q3V0P3	4	1	23,0368	0,766989	1,273748	Predicted gene 1527 OS=Mus musculus OX=10090 GN=Gm1527 PE=2 SV=1	14,3566	75,33874	55,21532	56,80977	39,7567	13,61252	71,42282	76,50486
A0A2R8VKR9	6	1	28,4198	0,767103	1,162298	Peripherin (Fragment) OS=Mus musculus OX=10090 GN=Prph PE=1 SV=1	125,6207	240,3593	111,7258	257,879	147,3599	307,246	215,5332	184,8295
P48758;A0A1B0GRG8;A0A338P684	15	3	85,0678	0,768528	1,138797	Carbonyl reductase [NADPH] 1 OS=Mus musculus OX=10090 GN=Cbr1 PE=1 SV=3	4513,205	4628,418	2796,143	2125,786	3890,752	3284,119	4160,637	3042,268
P41216;D3YVF6;D3Z041;D3Z457	40	7	275,8425	0,768579	1,121955	Long-chain-fatty-acid--CoA ligase 1 OS=Mus musculus OX=10090 GN=Acs1 PE=1 SV=2	4074,026	3008,337	1714,258	2991,124	2627,531	3291,168	2954,563	3961,46
P57759;D6RG87;F8WIM7;F8WJI4	25	12	183,7479	0,768661	1,043803	Endoplasmic reticulum resident protein 29 OS=Mus musculus OX=10090 GN=Erp29 PE=1 SV=2	33038,42	27986,62	25700,42	25464,77	27873,72	33679,94	28700,84	26849,99
P14211	95	46	496,0078	0,768703	1,087711	Calreticulin OS=Mus musculus OX=10090 GN=Calr PE=1 SV=1	98718,07	84728,48	73917,02	56894,31	94806,78	87634,97	63683,84	79281,09
Q3UW53;E9PYV4	14	3	83,2412	0,769135	1,078219	Protein Niban 1 OS=Mus musculus OX=10090 GN=Niban1 PE=1 SV=2	6584,869	7098,792	5033,8	4721,311	6976,994	6675,362	5799,035	5202,255
A0A0B4J1F9	9	1	48,8835	0,769394	1,08508	Trichohyalin OS=Mus musculus OX=10090 GN=Tchh PE=1 SV=1	12054,41	13156,62	8087,118	11759,21	10841,15	14368,69	10598,13	10674,76
A0A1B0GRY3;A0A1B0GS20;A5H0M4	35	3	179,9488	0,770058	1,091524	Predicted gene 45861 OS=Mus musculus OX=10090 GN=Gm45861 PE=1 SV=1	1600,523	1194,337	1371,384	1741,506	1201,701	1455,125	1304,797	1961,142
Q8BL97;A0A3Q4EH04;A0A3Q4L335;A0A3Q4L393	23	5	156,8661	0,770128	1,069151	Serine/arginine-rich splicing factor 7 OS=Mus musculus OX=10090 GN=Srsf7 PE=1 SV=1	41796,56	38674,78	29598,31	34884,61	39456,94	42082,41	33435,1	31818,07
Q60692	15	3	108,204	0,77193	1,081355	Proteasome subunit beta type-6 OS=Mus musculus OX=10090 GN=Psm6 PE=1 SV=3	8404,913	7041,877	6666,82	5715,364	8769,644	5803,023	6361,28	6554,038
P62814	39	6	299,177	0,772549	1,045979	V-type proton ATPase subunit B, brain isoform OS=Mus musculus OX=10090 GN=Atp6v1b2 PE=1 SV=1	8702,351	7980,213	7076,546	7176,82	8295,328	7731,242	6912,227	6789,116
Q61768;E9QAK5	90	14	643,098	0,772768	1,086704	Kinesin-1 heavy chain OS=Mus musculus OX=10090 GN=Kif5b PE=1 SV=3	7719,268	7051,297	6411,442	4661,522	8349,55	7593,929	5467,073	6673,724
Q9EPN1;A0A5F8MPY6	25	4	119,0806	0,772974	1,14708	Neurobeachin OS=Mus musculus OX=10090 GN=Nbea PE=1 SV=1	2823,045	2355,541	1467,067	1547,436	2591,728	2048,216	905,4411	1597,173
P70333	49	3	224,2879	0,773361	1,047102	Heterogeneous nuclear ribonucleoprotein H2 OS=Mus musculus OX=10090 GN=Hnrnp2 PE=1 SV=1	8850,515	7431,669	6806,847	7236,389	7280,172	8576,761	7157,552	7894,031
Q8JZU2	16	4	74,4896	0,773427	1,074038	Tricarboxylate transport protein, mitochondrial OS=Mus musculus OX=10090 GN=Slc25a1 PE=1 SV=1	2683,407	2481,887	2196,36	2162,105	1816,363	3137,849	1922,08	2476,732
Q3UQU0;A0A0R4J175	10	1	52,7052	0,773962	1,407046	Bromodomain-containing protein 9 OS=Mus musculus OX=10090 GN=Brd9 PE=1 SV=1	151,7507	227,6783	287,2416	351,8039	129,7662	132,4752	225,5656	298,9254
P08030;A0A1D5RLR6	28	14	183,3254	0,774526	1,081936	Adenine phosphoribosyltransferase OS=Mus musculus OX=10090 GN=Aprt PE=1 SV=2	23500,43	22929,07	23101,53	16653,15	22972,71	19999,71	21808,84	18426,44

Accession	Length	Start	End	Score	Start	End	Description	Score	Start	End	Score	Start	End	Score	Start	End	Score	Start	End
A2AFI6	14	1	78,1172	0,77531	1,414503	OS=Mus musculus OX=10090 GN=Tm9sf5 PE=1 SV=1	497,8679	542,8409	632,2236	486,1503	335,434	503,0297	1450,853	764,7137					
Q9D7N3	24	6	138,5369	0,775336	1,071858	28S ribosomal protein S9, mitochondrial	2073,889	2061,152	1442,576	1753,929	1706,935	2378,642	1588,004	1853,986					
P42932;H3BKG2;H3BKR8;H3BL49;H3BLL1	85	22	603,5832	0,776252	1,060943	T-complex protein 1 subunit theta OS=Mus musculus OX=10090 GN=Cct8 PE=1 SV=3	32381,57	32337,93	30732,68	26149,86	39854,21	28993,75	28760,17	30463,52					
Q71LX4;A0A1L1SQ51;A0A1L1SRI1;E9PUM4	44	4	235,8176	0,776289	1,081087	Talin-2 OS=Mus musculus OX=10090 GN=Tln2 PE=1 SV=3	12671,92	11276,85	8688,051	10231,07	9982,053	12047,67	10233,8	9673,343					
Q91W39;B7ZC23;B7ZC24	45	5	301,9971	0,776346	1,063195	Nuclear receptor coactivator 5 OS=Mus musculus OX=10090 GN=Ncoa5 PE=1 SV=1	1113,149	1141,228	1386,912	1129,807	909,4354	1336,458	1096,516	1506,404					
Q9CQ60;D3Z4X1;F6X8L5;Q8CBG6	15	7	96,8658	0,776418	1,108816	6-phosphogluconolactonase OS=Mus musculus OX=10090 GN=Pgl5 PE=1 SV=1	7768,138	7461,072	7553,125	6257,448	10681,14	6211,686	7155,438	6615,731					
Q64674	28	10	187,5664	0,776547	1,057942	Spermidine synthase OS=Mus musculus OX=10090 GN=Srm PE=1 SV=1	19698,09	20162,56	21643,55	17006,41	25197,09	17538,55	17807,14	19200,82					
Q8COR0	2	1	9,127	0,777359	1,121253	Ubiquitin carboxyl-terminal hydrolase 37 OS=Mus musculus OX=10090 GN=Usp37 PE=1 SV=1	457,6097	323,87	301,3689	532,0842	336,461	557,518	417,5016	499,2676					
Q9D2Y4	4	2	20,6412	0,777437	1,374783	Mixed lineage kinase domain-like protein OS=Mus musculus OX=10090 GN=Mlkl PE=1 SV=1	116,322	219,0475	345,2659	248,689	271,1829	225,2959	88,57165	471,8375					
Q3URS9	15	4	99,7983	0,777785	1,100656	Mitochondrial potassium channel OS=Mus musculus OX=10090 GN=Ccdc51 PE=1 SV=1	900,1669	945,897	917,7015	503,3359	1067,493	981,7085	479,281	813,8105					
Q99ME9;A0A217FL53	43	12	274,203	0,778291	1,081471	GTP-binding protein 4 OS=Mus musculus OX=10090 GN=Gtppb4 PE=1 SV=3	14468,89	10206,45	9589,642	8908,538	12634,31	10379,42	12985,42	9753,594					
Q09143;E9Q3N1	3	1	17,9996	0,778351	1,1026	High affinity cationic amino acid transporter 1 OS=Mus musculus OX=10090 GN=Slc7a1 PE=1 SV=1	3991,698	3417,697	1859,502	3184,761	3467,32	3806,934	3177,543	3023,155					
P60843	56	13	349,9418	0,77836	1,079177	Eukaryotic initiation factor 4A-I OS=Mus musculus OX=10090 GN=Eif4a1 PE=1 SV=1	19635,78	22492,44	21233,92	19212,61	27271,35	18344,44	15429,63	20241,32					
P46664	21	2	152,4001	0,778447	1,062745	Adenylosuccinate synthetase isozyme 2 OS=Mus musculus OX=10090 GN=Adss2 PE=1 SV=2	4002,278	3827,817	4446,148	3909,242	4748,091	3124,916	4025,167	4055,597					
Q61194	4	1	22,2115	0,778447	1,158621	Phosphatidylinositol 4-phosphate 3-kinase C2 domain-containing subunit alpha OS=Mus musculus OX=10090 GN=Pik3c2a PE=1 SV=2	168,2864	331,6925	329,0883	55,65193	100,0589	334,4666	359,6605	225,9448					
Q8C9A2	6	1	32,8356	0,778678	1,361025	Endonuclease V OS=Mus musculus OX=10090 GN=Endov PE=1 SV=2	0	74,20985	147,11	70,9228	23,83328	20,81067	101,4377	68,64081					
Q8K4Z5	53	14	348,4499	0,779177	1,08948	Splicing factor 3A subunit 1 OS=Mus musculus OX=10090 GN=Sf3a1 PE=1 SV=1	12808,67	10296,72	10172,17	7755,853	10104,18	10945,54	8421,334	8192,261					
P24860;G3UY65;Q68EM3	6	1	40,6449	0,779206	1,131317	G2/mitotic-specific cyclin-B1 OS=Mus musculus OX=10090 GN=Ccnb1 PE=1 SV=3	1496,091	1181,395	761,216	1163,399	834,2671	1283,417	1063,939	1194,724					
E9Q743	5	1	19,4555	0,780234	1,106771	Cilia- and flagella-associated protein 251 OS=Mus musculus OX=10090 GN=Cfap251 PE=1 SV=1	6571,165	6099,288	5826,051	4723,166	5476,584	8298,931	4772,851	4308,077					

Q810J8	6	1	28,8466	0,781484	1,228616	Zinc finger FYVE domain-containing protein 1 OS=Mus musculus OX=10090 GN=Zfyve1 PE=1 SV=2	78,40455	2033,424	650,8335	112,0467	556,5636	1108,963	590,4207	83,84831
P83741;F6U2S8;F7CZC4	11	2	64,6344	0,781813	1,126729	Serine/threonine-protein kinase WNK1 OS=Mus musculus OX=10090 GN=Wnk1 PE=1 SV=2	782,2963	931,8089	1358,994	1063,936	1007,605	1058,652	468,2443	1324,368
E9Q9Q5;A0A087WR28;Q9D9A9	4	1	24,8965	0,782421	1,096702	RIKEN cDNA 1700113H08 gene OS=Mus musculus OX=10090 GN=1700113H08Rik PE=4 SV=1	4707,501	4871,829	4791,872	4462,966	7083,063	4336,484	4241,317	4994,606
P16045	31	12	152,1725	0,782687	1,09158	Galectin-1 OS=Mus musculus OX=10090 GN=Lgals1 PE=1 SV=3	36358,22	34476,3	39711,55	24818,71	44731,87	25544,15	26632,64	27099,45
Q9QXT0;A0A1W2P729	15	7	103,5284	0,782756	1,057923	Protein canopy homolog 2 OS=Mus musculus OX=10090 GN=Cnpy2 PE=1 SV=1	7397,416	7537,101	6502,467	6117,276	8088,097	7864,216	6747,172	6450,788
O54908	4	2	27,8095	0,783371	1,096533	Dickkopf-related protein 1 OS=Mus musculus OX=10090 GN=Dkk1 PE=1 SV=2	151315,8	114947,6	94057,74	112806	113014,1	143821	76925,43	107174,1
Q9CT10;A0A3B2WCL5	14	2	84,5682	0,78375	1,207308	Ran-binding protein 3 OS=Mus musculus OX=10090 GN=Ranbp3 PE=1 SV=2	558,392	267,2576	740,8292	341,3371	707,4228	337,4263	469,0655	519,0815
Q99PT1	21	7	153,0012	0,78391	1,07107	Rho GDP-dissociation inhibitor 1 OS=Mus musculus OX=10090 GN=Arhgdia PE=1 SV=3	3839,173	3308,926	3338,527	2796,564	4104,985	2908,974	1794,889	3592,945
A2ALF0;A2ALF3;F6TQL3;F7CXJ2;Q6NZB0	4	1	32,9819	0,78557	1,125741	DnaJ homolog subfamily C member 8 OS=Mus musculus OX=10090 GN=Dnajc8 PE=1 SV=1	687,7404	428,487	913,8131	520,6557	670,8884	629,6624	840,1921	539,9873
Q9CRB2	6	3	46,6874	0,785968	1,134199	H/ACA ribonucleoprotein complex subunit 2 OS=Mus musculus OX=10090 GN=Nhp2 PE=1 SV=1	2359,15	2127,165	1742,939	3230,38	1604,34	2834,877	3028,334	2042,808
P48774;E9PV63;E9PVM7	7	3	39,5398	0,786082	1,122084	Glutathione S-transferase Mu 5 OS=Mus musculus OX=10090 GN=Gstm5 PE=1 SV=1	4180,589	3160,598	3048,123	4969,906	3763,187	3057,305	4969,199	2993,509
A0A286YCA7	1	1	11,155	0,786207	1,22603	Transmembrane protein 161B OS=Mus musculus OX=10090 GN=Tmem161b PE=1 SV=1	4358,323	2264,448	3115,209	205,7449	5631,907	2841,968	2583,723	1133,707
Q8BJU0;A0A1W2P6P1;A0A1W2P7I5	18	3	132,46	0,786281	1,14042	Small glutamine-rich tetratricopeptide repeat-containing protein alpha OS=Mus musculus OX=10090 GN=Sgta PE=1 SV=2	3389,013	2837,528	1834,247	2275,25	2235,985	2699,85	2179,032	1948,493
Q8CHG3;B2RSU7;E0CYI9;E9PWI6	47	5	248,1697	0,786401	1,043117	GRIP and coiled-coil domain-containing protein 2 OS=Mus musculus OX=10090 GN=Gcc2 PE=1 SV=2	6770,349	5888,244	6830,906	7338,189	5518,756	6678,938	6561,041	6960,04
P97929	37	2	165,8223	0,787227	1,065208	Breast cancer type 2 susceptibility protein homolog OS=Mus musculus OX=10090 GN=Brca2 PE=1 SV=2	3877,969	3856,127	3533,14	3698,924	4419,842	3621,839	3437,597	4070,048
B2RY56;S4R1X9;S4R2A4;S4R2B0;S4R2F7;S4R2J1	37	15	214,8499	0,78736	1,079476	RNA-binding protein 25 OS=Mus musculus OX=10090 GN=Rbm25 PE=1 SV=2	16649,27	15405,8	10375	12535,6	15158,48	17844,22	13245,68	12537,76
Q99LI8;B1ATY9;Q3UMA3	12	4	66,1852	0,787643	1,149957	Hepatocyte growth factor-regulated tyrosine kinase substrate OS=Mus musculus OX=10090 GN=Hgs PE=1 SV=2	3887,069	2587,13	2505,613	1704,69	3334,071	2934,777	3203,687	1906,134
Q8R1B4;M0QWV3	60	17	385,4824	0,78909	1,086572	Eukaryotic translation initiation factor 3 subunit C OS=Mus musculus OX=10090 GN=Eif3c PE=1 SV=1	11848,15	9676,269	11110,32	6517,7	11839,16	10345,05	5679,413	11153,22

P68040	47	21	282,8079	0,789892	1,07693	Receptor of activated protein C kinase 1 OS=Mus musculus OX=10090 GN=Rack1 PE=1 SV=3	60381,32	50639,57	46664,66	40586,75	59306,38	45480,78	44509,16	43440,35
D3YUT0	1	1	5,375	0,790972	1,236568	Sorbin and SH3 domain-containing protein 2 (Fragment) OS=Mus musculus OX=10090 GN=Sorbs2 PE=1 SV=8	135,3409	62,75092	54,04466	83,51717	37,74448	95,58749	45,05524	114,2055
P14685;F7B7L8	40	12	317,6494	0,791171	1,068192	26S proteasome non-ATPase regulatory subunit 3 OS=Mus musculus OX=10090 GN=Psm3 PE=1 SV=3	7272,774	5966,169	5654,494	4908,154	6687,665	5473,791	5141,791	5955,952
Q9D1D4;A0A1Y7VM54	14	9	106,2046	0,791292	1,09561	Transmembrane emp24 domain-containing protein 10 OS=Mus musculus OX=10090 GN=Tmed10 PE=1 SV=1	17042,78	14062,44	11642,78	12973,07	14882,12	16758,31	7096,39	12887,56
Q6PGC1;Q8BN72	64	12	452,7355	0,791402	1,10148	ATP-dependent RNA helicase DHX29 OS=Mus musculus OX=10090 GN=Dhx29 PE=1 SV=1	3287,335	2646,918	3098,253	2005,501	3422,862	2387,989	2106,152	2282,45
P63005;Q5SW16	36	12	265,5466	0,791803	1,098716	Platelet-activating factor acetylhydrolase IB subunit beta OS=Mus musculus OX=10090 GN=Pafah1b1 PE=1 SV=2	14140,94	12456,93	10469,98	7952,631	12061,83	10508,08	8842,453	9563,177
Q64518;B1ATS4;B1ATS5;E9Q559	39	3	253,5434	0,79207	1,059659	Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 OS=Mus musculus OX=10090 GN=Atp2a3 PE=1 SV=4	12926,58	10474,44	11146,03	10901,75	11716,43	12512,79	4691,733	13969,07
Q7TQC7;E0CZ29	3	1	19,6601	0,792237	1,429586	G patch domain-containing protein 2 OS=Mus musculus OX=10090 GN=Gpatch2 PE=1 SV=2	67,85609	18,40158	227,0993	59,09787	48,52673	0	26,50893	271,8477
Q9R0L6	24	4	133,0059	0,792515	1,109012	Pericentriolar material 1 protein OS=Mus musculus OX=10090 GN=Pcm1 PE=1 SV=2	10139,74	6915,097	6816,307	2984,742	6478,656	8074,839	5034,835	6552,625
Q60674	5	1	21,3467	0,792521	1,118556	Nuclear receptor subfamily 1 group D member 2 OS=Mus musculus OX=10090 GN=Nr1d2 PE=1 SV=1	798,158	739,5245	1323,539	881,1714	994,5357	671,2568	880,4014	891,359
Q00493 Q8K310;A0A494B8Y5;A0A494B968;A0A494B9B1;A0A494B9C9;A0A494B9Q4;A0A494B9X1;A0A494BAC5;A0A494BAD4;A0A494BAL7;A0A494BAZ2;A0A494BAZ7;A0A494BB50	28	5	153,8659	0,792875	1,101652	Carboxypeptidase E OS=Mus musculus OX=10090 GN=Cpe PE=1 SV=2	4675,069	3697,126	4458,233	2873,863	5557,806	3992,76	2829,957	4233,183
Q9CQE8	76	35	519,8942	0,793423	1,050852	Matrin-3 OS=Mus musculus OX=10090 GN=Matr3 PE=1 SV=1	25956,73	25039,1	20205,24	24847,13	23698,2	28191,13	21991,67	21810,74
Q8BMS1	26	7	195,9001	0,793428	1,039774	RNA transcription, translation and transport factor protein OS=Mus musculus OX=10090 GN=RTRAF PE=1 SV=1	5640,713	6389,157	6024,686	5711,193	7007,028	5848,055	6183,577	5590,544
Q3UYG1	69	24	484,8923	0,793437	1,108448	Trifunctional enzyme subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=Hadha PE=1 SV=1	19853,76	16521,89	11725,04	15281,63	11983,69	19439,96	10372,67	15384,84
	3	2	17,9633	0,793938	1,063299	Coiled-coil domain-containing protein 160 OS=Mus musculus OX=10090 GN=Ccdc160 PE=2 SV=1	2232,227	1917,386	1976,362	1861,165	2164,771	1763,738	2037,003	1691,219

Q8BQ46;F6QCI0	20	5	112,9741	0,794133	1,088692	TAF15 RNA polymerase II, TATA box binding protein (TBP)-associated factor OS=Mus musculus OX=10090 GN=Taf15 PE=1 SV=1	5887,552	4499,901	4056,588	2560,501	5206,722	4450,656	4260,505	3676,387
Q8VE33;A2A5H8;Q3USC7	16	2	124,3143	0,794315	1,211717	Ganglioside-induced differentiation-associated protein 1-like 1 OS=Mus musculus OX=10090 GN=Gdap111 PE=1 SV=1	318,6467	265,5652	500,5111	335,9162	238,8835	527,8356	479,926	474,7669
Q80W00	28	8	163,8757	0,794471	1,050006	Serine/threonine-protein phosphatase 1 regulatory subunit 10 OS=Mus musculus OX=10090 GN=Ppp1r10 PE=1 SV=1	2689,545	2679,952	1937,084	2097,07	2377,732	2372,373	2447,281	2496,467
Q5U4D9;D3Z132	9	2	55,1995	0,794525	1,842716	THO complex subunit 6 homolog OS=Mus musculus OX=10090 GN=Thoc6 PE=1 SV=1	1057,003	999,2739	919,0956	947,3668	4866,728	966,0958	645,1561	750,512
Q922G0	2	1	10,0566	0,79503	1,191209	Solute carrier family 25 member 36 OS=Mus musculus OX=10090 GN=Slc25a36 PE=2 SV=1	261,5863	194,1952	86,66982	111,9668	283,0111	304,6627	84,89094	106,9842
Q9EQ20	8	1	35,5712	0,795525	1,11292	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial OS=Mus musculus OX=10090 GN=Aldh6a1 PE=1 SV=1	335,7254	311,3813	432,711	298,6116	287,8229	251,9533	415,1851	337,4253
E9PWQ3	25	1	120,1333	0,796968	1,087887	Collagen, type VI, alpha 3 OS=Mus musculus OX=10090 GN=Col6a3 PE=1 SV=2	745,318	830,4269	577,9792	486,2124	657,156	412,5911	776,1592	580,7573
G3UW86;G3UWQ7;G3UXT4;G3UY19;G3XA79;Q99K43	21	5	99,0592	0,79727	1,046271	Protein regulator of cytokinesis 1 OS=Mus musculus OX=10090 GN=Prc1 PE=1 SV=1	4140,435	4206,343	3938,989	4527,992	3820,835	4870,29	4276,971	4623,649
O88455;A0A140LIT2;D3Z7G1	3	1	11,6411	0,797491	22,97697	7-dehydrocholesterol reductase OS=Mus musculus OX=10090 GN=Dhcr7 PE=1 SV=1	32,04548	11,53859	1,82509	28,71015	11,52283	0	1574,52	116,9936
Q6P542	38	8	230,0954	0,797819	1,095131	ATP-binding cassette sub-family F member 1 OS=Mus musculus OX=10090 GN=Abcf1 PE=1 SV=1	4771,803	4988,301	5329,325	4572,412	6507,795	3476,465	4850,596	5327,651
Q91YS4;D3YXZ3;O88448	5	2	27,1342	0,797957	1,159479	Kinesin light chain OS=Mus musculus OX=10090 GN=Klc2 PE=1 SV=1	33899,44	75421,59	37479,87	37715,01	47780,56	49986,23	21655,53	39714,64
Q99M28	12	5	79,3886	0,798052	1,065301	RNA-binding protein with serine-rich domain 1 OS=Mus musculus OX=10090 GN=Rnps1 PE=1 SV=1	1968,443	1352,577	1622,869	2191,748	1983,413	1736,672	1749,156	1910,099
Q9JJI8	6	2	43,8097	0,799491	1,146207	60S ribosomal protein L38 OS=Mus musculus OX=10090 GN=Rpl38 PE=1 SV=3	353,924	280,1789	410,3034	536,0696	291,5308	352,9484	540,8839	519,0315
Q80VJ3	10	2	55,9623	0,799585	1,222897	2'-deoxynucleoside 5'-phosphate N-hydrolase 1 OS=Mus musculus OX=10090 GN=Dnph1 PE=1 SV=2	1806,385	1353,78	1363,147	2256,482	1727,762	1197,855	3202,512	1566,645
P26645	21	10	112,6973	0,800023	1,381144	Myristoylated alanine-rich C-kinase substrate OS=Mus musculus OX=10090 GN=Marcks PE=1 SV=2	753,6584	1783,115	1254,952	912,415	1008,063	2590,164	1814,245	858,8254
P62869;A0A3B2WBM3	5	1	33,393	0,800599	1,107198	Elongin-B OS=Mus musculus OX=10090 GN=Elob PE=1 SV=1	1909,672	1550,42	2709,573	1637,805	2296,5	1333,006	1970,004	2836,331
Q3UHX2	12	5	71,6789	0,800694	1,066101	28 kDa heat- and acid-stable phosphoprotein OS=Mus musculus OX=10090 GN=Pdap1 PE=1 SV=1	1235,073	1474,885	1254,663	1423,163	1664,397	1121	1457,192	1411,835

P47738;A0A0G2JEU1;A0A0G2JF6 O;A0A0G2JFQ0;D3YYF3	41	12	252,6694	0,801152	1,284539	Aldehyde dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Aldh2 PE=1 SV=1	19311,62	13476,61	5026,881	20544,05	20822,77	5700,007	24268,53	19577,23
O08677;A0A0R4J038	5	2	23,2847	0,801426	1,743131	Kininogen-1 OS=Mus musculus OX=10090 GN=Kng1 PE=1 SV=1	58,63336	73,74843	90,58714	236,0334	111,6585	152,1339	47,89453	174,7441
Q8K4B2;D3Z007	3	1	13,6996	0,801805	1,603423	Interleukin-1 receptor-associated kinase 3 OS=Mus musculus OX=10090 GN=Irak3 PE=1 SV=2	668,169	0	1117,115	0	1218,29	0	690,8956	676,7749
Q149F3	24	1	152,008	0,801945	1,091263	Eukaryotic peptide chain release factor GTP- binding subunit ERF3B OS=Mus musculus OX=10090 GN=Gsp2 PE=1 SV=1	12,27447	53,20524	54,53887	39,65715	29,59701	27,95553	40,53982	62,8687
Q9CQW2;A0A0N4SVB8	22	1	181,0708	0,802193	1,092893	ADP-ribosylation factor-like protein 8B OS=Mus musculus OX=10090 GN=Arl8b PE=1 SV=1	6102,759	5852,105	5123,97	4469,998	6093,56	7001,874	4329,395	4748,227
Q8VEH3;F6QKK2	20	1	171,365	0,802193	1,092893	ADP-ribosylation factor-like protein 8A OS=Mus musculus OX=10090 GN=Arl8a PE=1 SV=1	2109,945	2023,285	1771,542	1545,44	2106,765	2420,802	1496,829	1641,634
Q61033 O70305;A0A286YDU2;E9QM77;F 6U2C2;F7B6X4	43	10	296,821	0,802729	1,061892	Lamina-associated polypeptide 2, isoforms alpha/zeta OS=Mus musculus OX=10090 GN=Tmpo PE=1 SV=4	6534,732	6978,118	5422,26	7102,15	7763,588	5981,394	6440,7	5583,394
Q9R1P1	31	6	157,4736	0,803209	1,121599	Ataxin-2 OS=Mus musculus OX=10090 GN=Atxn2 PE=1 SV=1	7095,441	4326,458	4113,566	3724,331	4318,17	4106,953	5077,221	4107,148
O35084	13	6	126,3174	0,80337	1,081354	Proteasome subunit beta type-3 OS=Mus musculus OX=10090 GN=Psmb3 PE=1 SV=1	12390,78	10446,59	10455,8	8231,062	12942,66	8752,126	8945,876	9544,112
Q8VHE0	4	2	17,5896	0,803688	1,196815	25-hydroxyvitamin D-1 alpha hydroxylase, mitochondrial OS=Mus musculus OX=10090 GN=Cyp27b1 PE=1 SV=2	1180,344	619,0069	832,6874	737,9255	1009,98	711,7601	621,1165	1256,512
Q99JX3;A2ATI6;A2ATI8;A2ATI9	51	14	309,7553	0,803951	1,072407	Translocation protein SEC63 homolog OS=Mus musculus OX=10090 GN=Sec63 PE=1 SV=4	3442,347	3725,458	2529,559	3915,523	3769,469	3796,891	2844,818	3339,297
Q60988	7	1	43,262	0,804087	1,098402	Golgi reassembly-stacking protein 2 OS=Mus musculus OX=10090 GN=Gorasp2 PE=1 SV=3	684,1709	914,8588	953,2236	925,7091	877,6842	1210,563	1028,159	703,7955
A2AJ96	3	1	21,8284	0,804652	1,065197	SCL-interrupting locus protein homolog OS=Mus musculus OX=10090 GN=Stil PE=1 SV=1	8404,499	6363,973	5543,052	6145,634	9409,755	5471,008	3335,94	6621,101
P06800;S4R1M0	4	1	17,2899	0,80471	1,164031	NMDA receptor synaptonuclear-signaling and neuronal migration factor OS=Mus musculus OX=10090 GN=Nsmf PE=1 SV=1	204,151	225,904	232,0785	186,8762	174,9718	274,3203	238,4563	300,5248
	4	1	16,9234	0,804885	1,231219	Receptor-type tyrosine-protein phosphatase C OS=Mus musculus OX=10090 GN=Ptpcr PE=1 SV=4	2228,305	1394,302	3431,755	9194,725	2023,338	6729,568	2791,994	7889,911





Q9DC29	10	1	56,2362	0,811032	1,169018	ATP-binding cassette sub-family B member 6 OS=Mus musculus OX=10090 GN=Abcb6 PE=1 SV=1	3929,112	3590,765	1370,243	3058,944	3011,945	4571,996	2504,666	2823,377
Q9CZ04;D3YVI6;D3Z0S0;D3Z440	12	3	79,5238	0,811254	1,055597	COP9 signalosome complex subunit 7a OS=Mus musculus OX=10090 GN=Cops7a PE=1 SV=2	4682,191	4271,316	4021,271	3523,713	4612,309	3790,735	3228,762	4183,204
A0A140T8S1	11	2	47,5027	0,811138	1,100423	A-kinase anchor protein 9 (Fragment) OS=Mus musculus OX=10090 GN=Akap9 PE=1 SV=2	355,2162	1363,423	236,0882	179,8528	619,0645	955,0626	540,3425	234,4725
P43274	48	7	196,7956	0,811825	1,087101	Histone H1.4 OS=Mus musculus OX=10090 GN=H1-4 PE=1 SV=2	10740,1	7463,094	7916,455	6704,641	7756,56	9009,498	6525,405	6902,886
Q8COL0;A2AR10	12	5	72,7086	0,812026	1,071668	Thioredoxin-related transmembrane protein 4 OS=Mus musculus OX=10090 GN=Tmx4 PE=1 SV=2	16346,97	11638,5	11535,96	10416,98	11667,22	13725,06	10896,51	10417,15
Q9D6R2;A0A1L1STE6	38	10	287,6431	0,812324	1,10037	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=Idh3a PE=1 SV=1	20645,8	15061,66	12369,67	13100,64	14841,82	18523,05	11270,2	15693,82
A0A1Y7VN36	2	1	10,9796	0,812391	1,18385	EARP and GARP complex-interacting protein 1 (Fragment) OS=Mus musculus OX=10090 GN=Eipr1 PE=1 SV=1	3075,547	1673,807	2017,028	1627,644	1657,974	2704,105	470,6885	2983,421
Q9QY81;A0A0R4J1I6;F6XGNO	73	22	470,2403	0,812537	1,116987	Nuclear pore membrane glycoprotein 210 OS=Mus musculus OX=10090 GN=Nup210 PE=1 SV=2	4001,677	7605,916	4474,614	5003,286	3751,583	6216,695	4896,641	4202,367
Q68FM7;D6RGQ8	8	2	40,8286	0,812965	1,1216	Rho guanine nucleotide exchange factor (GEF) 11 OS=Mus musculus OX=10090 GN=Arhgef11 PE=1 SV=1	962,5952	1699,519	1431,975	2105,529	1427,577	1990,017	1534,959	2000,936
A2A473;A2A472;E9Q0B9	2	1	10,4842	0,813537	1,950345	TOX high mobility group box family member 2 OS=Mus musculus OX=10090 GN=Tox2 PE=1 SV=1	5,908282	68,00512	120,2819	56,30366	11,31318	79,96664	39,48997	46,70496
Q61687;A0A0G2JFA5;F6RDB7	26	3	133,2548	0,814071	1,172008	Transcriptional regulator ATRX OS=Mus musculus OX=10090 GN=Atrx PE=1 SV=3	154,6045	109,9023	65,56697	139,3479	91,89846	88,02526	107,4455	144,6521
P56812	11	1	72,3173	0,814299	1,263751	Programmed cell death protein 5 OS=Mus musculus OX=10090 GN=Pdcd5 PE=1 SV=3	1735,627	1408,467	2135,65	869,9494	2719,61	1001,875	2326,623	1179,23
P70349;B0R1E3	23	4	138,6143	0,814832	1,087818	Adenosine 5'-monophosphoramidase HINT1 OS=Mus musculus OX=10090 GN=Hint1 PE=1 SV=3	2759,878	2947,595	3886,55	2401,084	4637,116	2359,439	1307,083	2723,125
Q8K0C4	23	7	162,3978	0,814991	1,064382	Lanosterol 14-alpha demethylase OS=Mus musculus OX=10090 GN=Cyp51a1 PE=1 SV=1	4174,244	4622,777	3886,272	4773,666	4208,69	4943,392	4570,934	2678,013
Q6A4J8;E9PXY8;F8VPX1	39	4	196,7903	0,815222	1,941607	Ubiquitin carboxyl-terminal hydrolase 7 OS=Mus musculus OX=10090 GN=Usp7 PE=1 SV=1	565,0089	659,9305	1061,781	660,8057	462,2789	620,1209	3752,183	555,0899
E9Q740	50	2	361,376	0,815298	1,10821	Signal recognition particle subunit SRP72 OS=Mus musculus OX=10090 GN=Srp72 PE=1 SV=1	3950,412	2469,714	2899,666	1436,125	3242,798	2926,567	1431,244	2426,884
P45481;A0A0U1RPL2;A0A0U1RQB6;F8VPR5	4	1	23,1337	0,815409	1,072645	Histone lysine acetyltransferase CREBBP OS=Mus musculus OX=10090 GN=Crebbp PE=1 SV=3	12944,1	9442,351	10593,71	6885,918	12479,49	10048,96	9699,062	9364,678

Q80VP5	2	1	9,1496	0,815894	1,154512	Mitochondrial translation release factor in rescue OS=Mus musculus OX=10090 GN=Mtrfr PE=1 SV=1	6863,825	4686,73	5396,377	2381,189	5165,629	5111,086	4298,24	4133,831
G3UYF9;Q03958	4	2	17,068	0,815903	1,121159	Prefoldin subunit 6 OS=Mus musculus OX=10090 GN=Pfdn6 PE=1 SV=1	2780,088	3050,309	3618,466	2032,73	3619,012	1918,894	2675,626	2848,872
P17710;B4YB29;D3YYR4;D3Z105;D3Z365;G3UVV4	83	27	557,9342	0,817498	1,056946	Hexokinase-1 OS=Mus musculus OX=10090 GN=Hk1 PE=1 SV=3	14174,7	11126,93	9217,592	10059,44	11587,46	12143,24	10335,33	10488,23
Q8BKZ9;A2AWH8	18	5	117,5405	0,818312	1,060529	Pyruvate dehydrogenase protein X component, mitochondrial OS=Mus musculus OX=10090 GN=Pdhx PE=1 SV=1	741,9212	475,2456	538,2611	751,2449	570,9721	666,4168	629,6867	791,3241
A7XUZ6	5	1	20,6158	0,81852	1,362085	Selection and upkeep of intraepithelial T-cells protein 6 OS=Mus musculus OX=10090 GN=Skint6 PE=2 SV=1	6,199335	47,56248	121,0371	190,9799	44,51048	46,2913	102,0453	117,2067
P53395	25	7	180,9701	0,818632	1,070633	Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial OS=Mus musculus OX=10090 GN=Dbt PE=1 SV=2	2469,359	1887,157	1940,25	1554,117	1811,825	2313,537	1884,246	1642,57
Q60932;F2Z471	59	24	330,5896	0,818694	1,072646	Voltage-dependent anion-selective channel protein 1 OS=Mus musculus OX=10090 GN=Vdac1 PE=1 SV=3	132001,4	106540,5	83112,77	99317,11	95457,89	131118,1	99593,34	102051,4
Q8BH59;V9GXX9	39	10	289,3845	0,818815	1,105307	Calcium-binding mitochondrial carrier protein Aralar1 OS=Mus musculus OX=10090 GN=Slc25a12 PE=1 SV=1	14905,6	14760,66	9247,298	14065,8	8969,959	15260,48	12840,59	12911,23
P23116;A0A494B910	114	36	703,7824	0,818997	1,267377	Eukaryotic translation initiation factor 3 subunit A OS=Mus musculus OX=10090 GN=Eif3a PE=1 SV=5	20294,4	15779,27	15028,22	15174,37	12468,46	15548,99	38722,04	14995,85
B7ZNG0;E9QMU1;J3QNW9	9	1	43,7512	0,819723	1,073598	Kinesin-like protein KIF7 OS=Mus musculus OX=10090 GN=Kif7 PE=1 SV=1	638,898	1057,124	1308,639	1029,299	1358,748	943,7724	817,6126	869,8472
Q8VDD5;A0A2R8VKI5;A0A2R8W6V7;F2Z494	238	61	1949,9853	0,819886	1,045672	Myosin-9 OS=Mus musculus OX=10090 GN=Myh9 PE=1 SV=4	31183,61	30103,76	24703,57	26703,59	29869,71	28309,62	21168,76	28424,26
O08997	1	1	4,9839	0,820418	1,321088	Copper transport protein ATOX1 OS=Mus musculus OX=10090 GN=Atox1 PE=1 SV=1	623,3627	286,3355	253,5058	363,501	603,4968	224,1839	676,8757	272,4718
O08715	13	2	56,5113	0,822118	1,045338	A-kinase anchor protein 1, mitochondrial OS=Mus musculus OX=10090 GN=Akap1 PE=1 SV=4	1502,792	1235,538	911,0314	1019,874	976,85	1772,364	462,8477	1301,13
Q14C59	5	1	24,2898	0,82229	2,094497	Transmembrane protease serine 11B-like protein OS=Mus musculus OX=10090 GN=Tmprss11b PE=2 SV=2	0	8,196092	44,11416	134,8654	4,677421	30,19998	37,89569	16,59231
G3UX26;A0A286YCR8;D3YUN8;D3YZT5;Q60930	24	11	158,7007	0,822295	1,090585	Outer mitochondrial membrane protein porin 2 OS=Mus musculus OX=10090 GN=Vdac2 PE=1 SV=1	34002,12	26350,6	19384,21	23803,07	23197,38	29894,88	23374,95	23862,72
O08688	13	2	71,5563	0,822299	1,175752	Calpain-5 OS=Mus musculus OX=10090 GN=Capn5 PE=1 SV=1	1570,661	857,6101	703,4311	748,7295	833,0335	1131,42	694,8113	903,5182



Q6XUX1;A0A087WP69;A0A087WQX0	14	1	66,0342	0,830354	1,110751	Dual serine/threonine and tyrosine protein kinase OS=Mus musculus OX=10090 GN=Dstyk PE=1 SV=1	3155,706	1999,487	1601,72	1179,581	3085,66	2201,616	1774,365	1730,317
Q9ET78	8	1	42,0034	0,830405	1,25709	Junctophilin-2 OS=Mus musculus OX=10090 GN=Jph2 PE=1 SV=2	3845,192	5795,598	3609,97	1580,758	4984,705	2305,304	3038,43	2523,736
P24527	31	6	190,4065	0,830845	1,067552	Leukotriene A-4 hydrolase OS=Mus musculus OX=10090 GN=Lta4h PE=1 SV=4	2537,804	2175,181	1899,045	1849,176	2718,75	2425,054	2075,233	1813,739
P80313;A0A0N4SUI8;A0A0N4SV00;A0A0N4SV22	61	30	469,2461	0,831177	1,063168	T-complex protein 1 subunit eta OS=Mus musculus OX=10090 GN=Cct7 PE=1 SV=1	54481,23	51497,09	45472,67	41272,78	60948,57	41488,62	43027,6	42495,53
Q5FW53	6	2	37,5239	0,831284	1,076533	Myosin-binding protein H-like OS=Mus musculus OX=10090 GN=Mybphl PE=1 SV=1	1145,677	819,2584	1279,589	930,1231	1131,076	1055,714	907,3539	1400,002
Q99JW2;A0A087WPX1;A0A0R4J050;A0A1L1SRC1;A0A1L1SRW7;A0A1L1SS90;A0A1L1SSU4	8	2	39,9685	0,831797	1,356314	Aminoacylase-1 OS=Mus musculus OX=10090 GN=Acy1 PE=1 SV=1	77,49432	127,1436	168,1393	288,4197	83,94599	141,8576	320,4514	232,0544
Q9QX15;A0A0G2JFW5;Q9EQR4	3	1	17,0371	0,83245	1,25173	Calcium-activated chloride channel regulator 3A-1 OS=Mus musculus OX=10090 GN=Cla3a1 PE=1 SV=1	97795,77	77058,7	87735,1	55618,72	100278,7	119207,9	5952,956	118745,1
Q60928	3	1	14,7032	0,832786	1,17158	Glutathione hydrolase 1 proenzyme OS=Mus musculus OX=10090 GN=Ggt1 PE=1 SV=1	955,3161	892,2726	1751,512	1471,266	1254,543	812,9451	1171,76	1838,933
Q6PB93	27	2	158,9816	0,833346	1,075282	Polypeptide N-acetylgalactosaminyltransferase 2 OS=Mus musculus OX=10090 GN=Galnt2 PE=1 SV=1	7200,698	6335,952	4660,384	6565,142	7073,134	5682,511	7522,829	5359,906
Q8BIE6;H3BIZ7;H3BK97;H3BL79;Q3TB04	12	2	59,1054	0,833947	1,177561	FERM domain-containing protein 4A OS=Mus musculus OX=10090 GN=Frmd4a PE=1 SV=2	274,2592	234,1348	133,9817	338,6801	285,3632	17,94315	256,4463	517,7666
Q61754	2	1	9,2763	0,834003	1,215975	Kallikrein 1-related peptidase b24 OS=Mus musculus OX=10090 GN=Klk1b24 PE=2 SV=3	539,6177	240,3993	728,1046	351,0125	732,652	275,5469	544,7084	491,3434
D3Z125;D3Z637;D3Z7X7;E9PUA7;F8WHQ1;Q62393	9	1	45,672	0,834053	1,062241	Tumor protein D52 (Fragment) OS=Mus musculus OX=10090 GN=Tpd52 PE=1 SV=1	3389,442	3001,115	2346,588	2900,472	3283,317	3272,511	2509,741	2745,502
A0A171KXD3;A0A140LHF7;A0A140LHS4;A0A140LI33;A0A140LIF7;A0A140LI68;A0A140LI70;A0A140LIF4;Q9JIF0	39	11	275,9646	0,834112	1,071465	Protein arginine N-methyltransferase 1 OS=Mus musculus OX=10090 GN=Prmt1 PE=1 SV=1	13193,54	11188,09	11339,72	9090,593	14630,09	9974,183	10477,86	11036,21
Q8CFE4;G5E8J9	2	1	9,0035	0,834235	1,117559	SCY1-like protein 2 OS=Mus musculus OX=10090 GN=Scyl2 PE=1 SV=1	1823,676	2104,078	2194,062	1238,982	1841,346	1923,537	2140,394	1349,744
Q60952	51	2	269,5532	0,834452	1,044789	Centrosome-associated protein CEP250 OS=Mus musculus OX=10090 GN=Cep250 PE=1 SV=4	1221,258	1452,923	1086,013	1623,441	1391,677	1618,876	348,425	1893,111
P61222	31	10	214,4492	0,834655	1,04147	ATP-binding cassette sub-family E member 1 OS=Mus musculus OX=10090 GN=Abce1 PE=1 SV=1	8890,848	8326,534	8355,085	7512,068	9804,342	6670,058	7523,644	8079,193
P35294	3	1	17,4721	0,834702	1,241343	Ras-related protein Rab-19 OS=Mus musculus OX=10090 GN=Rab19 PE=1 SV=3	3544,537	7390,738	9234,485	4050,838	9939,042	3609,977	4970,543	5041,111
P63168;Q80ZS7	7	2	65,2549	0,835111	1,063725	Dynein light chain 1, cytoplasmic OS=Mus musculus OX=10090 GN=Dynll1 PE=1 SV=1	15369,33	12192,96	13269,02	10418,85	13633,01	13918,42	11695,98	10873,01



Q01320;A0A494BBH0	153	40	1086,4925	0,843495	1,090871	DNA topoisomerase 2-alpha OS=Mus musculus OX=10090 GN=Top2a PE=1 SV=2	46223,08	35371,4	30265,58	27109,03	35516,29	38358,64	28804,95	28432,08
P97371;G3UWN9;G3UXR1;G3UX Y0;G3UXZ5;G3X9K9	23	6	169,587	0,843582	1,10827	Proteasome activator complex subunit 1 OS=Mus musculus OX=10090 GN=Psmc1 PE=1 SV=2	4351,576	4870,832	5459,327	2945,483	4854,789	3566,443	3744,365	3739,574
Q99L04	15	2	90,9994	0,843937	1,141653	Dehydrogenase/reductase SDR family member 1 OS=Mus musculus OX=10090 GN=Dhrs1 PE=1 SV=1	378,0292	324,8212	230,6727	678,9553	237,6641	589,4417	468,2283	542,9623
Q3UHJ0	7	1	41,5813	0,844008	1,055154	AP2-associated protein kinase 1 OS=Mus musculus OX=10090 GN=Aak1 PE=1 SV=2	636,8424	274,3532	389,8993	150,6105	404,3799	357,682	372,7996	341,5212
Q6DID3;A0A338P6R5	4	1	21,6429	0,844439	1,083315	SR-related and CTD-associated factor 8 OS=Mus musculus OX=10090 GN=Scaf8 PE=1 SV=1	2140	2918,106	1868,737	2780,742	1903,858	2968,69	2465,844	2192,347
Q91XV3	30	13	166,7407	0,844542	1,083218	Brain acid soluble protein 1 OS=Mus musculus OX=10090 GN=Basp1 PE=1 SV=3	41690,57	33579,81	30116,71	13915,9	33007,74	37610,66	16520,33	36520,19
Q9Z2G6;J3QJX3	9	1	45,6218	0,845727	1,105014	Protein sel-1 homolog 1 OS=Mus musculus OX=10090 GN=Sel1l PE=1 SV=2	11318,92	8014,64	8567,095	5624,048	8089,8	10540,94	4216,719	7491,253
Q8VDJ3;A0A087WP83;A0A087W PC5;A0A087WQY9;A0A087WS92	82	22	572,4747	0,845965	1,054782	Vigilin OS=Mus musculus OX=10090 GN=Hdlbp PE=1 SV=1	6558,55	5488,152	5193,071	4416,684	6373,071	5137,643	4922,745	5460,709
Q9WV92;A0A286YCY1;A0A286YC Y8;A0A286YD84;A0A286YDD0;A0 A3B2WBE1;A0A3B2WD96;A0A5F 8MPR1;A7YY80;DOVYV6	66	1	439,2932	0,846034	1,16779	Band 4.1-like protein 3 OS=Mus musculus OX=10090 GN=Epb41l3 PE=1 SV=1	614,66	272,8463	461,9356	328,9362	574,8075	430,6	119,1091	398,2299
Q9DCN2;F2Z456	52	28	339,597	0,846568	1,083496	NADH-cytochrome b5 reductase 3 OS=Mus musculus OX=10090 GN=Cyb5r3 PE=1 SV=3	56852,46	48472,77	37042,69	42500,16	43245,43	59826,72	34827,14	43757,38
Q8BIW1	12	3	74,5175	0,84695	1,068446	Exopolyphosphatase PRUNE1 OS=Mus musculus OX=10090 GN=Prune1 PE=1 SV=1	378,2189	373,2857	568,6324	461,0672	386,5296	528,3712	440,282	494,7425
Q61576;A2A4H9	12	2	80,4793	0,84702	1,101922	Peptidyl-prolyl cis-trans isomerase FKBP10 OS=Mus musculus OX=10090 GN=Fkbp10 PE=1 SV=2	9443,535	7466,578	5804,62	5523,766	8748,915	6819,723	5425,335	5228,139
Q08639;A0A087WPS0;A0A087W SK4;A0A1B0GXK0;F6QG91;Q9CYZ 7	6	1	36,5012	0,847211	1,094332	Transcription factor Dp-1 OS=Mus musculus OX=10090 GN=Tfdp1 PE=1 SV=1	1039,945	871,8402	415,6386	840,4255	986,3188	823,5974	691,5625	965,201
Q8C2K5;A0A0R4J1U7;D3Z6Z7	15	3	86,6494	0,847829	1,143115	RAS protein activator like-3 OS=Mus musculus OX=10090 GN=Rasal3 PE=1 SV=1	115,6751	161,0613	203,0322	331,2932	141,9838	234,7438	190,8326	261,4207
O89086;Q8BG13;S4R2M6	18	8	87,7117	0,847981	1,183758	RNA-binding protein 3 OS=Mus musculus OX=10090 GN=Rbm3 PE=1 SV=1	13130,04	2652,056	10214,01	7517,227	9691,536	5022,577	7088,473	7792,815
Q61335	12	4	70,7071	0,847994	1,10553	B-cell receptor-associated protein 31 OS=Mus musculus OX=10090 GN=Bcap31 PE=1 SV=4	2524,001	2561,284	2696,943	3396,902	4406,456	2417,32	1873,872	2884,948
A0A1B0GSI7;P02463	3	1	12,9129	0,848472	1,266936	Collagen alpha-1(IV) chain OS=Mus musculus OX=10090 GN=Col4a1 PE=1 SV=1	12486,47	2854,542	8569,448	8754,997	8869,761	3807,429	6368,554	6737,293
P03975	123	70	478,0169	0,848762	1,079603	IgE-binding protein OS=Mus musculus OX=10090 GN=Iap PE=2 SV=1	91557,44	82543,58	65328,8	58937,89	75351,69	86857,18	46801,73	67357,5
Q9ERA6	10	2	56,5692	0,849313	1,111603	Tuftelin-interacting protein 11 OS=Mus musculus OX=10090 GN=Tfip11 PE=1 SV=1	203,7222	275,4305	289,0151	380,503	286,4196	287,7633	319,0453	353,6951

Q8R323	15	2	83,7492	0,850224	1,324813	Replication factor C subunit 3 OS=Mus musculus OX=10090 GN=Rfc3 PE=1 SV=1	1373,589	1237,894	1343,085	1326,616	1164,105	880,5285	3466,536	1300,744
P53569;A0A0R4J046;A0A3B2WC E8	31	7	185,3443	0,851454	1,122721	CCAAT/enhancer-binding protein zeta OS=Mus musculus OX=10090 GN=Cebpz PE=1 SV=2	579,8718	293,0796	558,7935	477,2097	643,4681	326,7664	638,0823	501,3883
G3UYQ4	50	6	261,9317	0,851531	1,099172	Nucleoside-diphosphate kinase OS=Mus musculus OX=10090 GN=Ak9 PE=1 SV=2	3103,93	3013,221	3073,957	1670,029	3563,222	2327,083	2884,192	2516,582
P97770;D3YYB2	15	2	70,888	0,851942	1,154468	THUMP domain-containing protein 3 OS=Mus musculus OX=10090 GN=Thumpd3 PE=1 SV=1	82,40489	100,038	96,73702	98,4248	68,77232	104,3868	172,2842	90,48917
A2BH40;E9QAQ7	25	3	118,915	0,852105	1,039877	1A OS=Mus musculus OX=10090 GN=Arid1a PE=1 SV=1	1284,717	950,4755	998,804	667,8804	1010,721	1002,864	890,1049	1131,618
B1AZ42;POCOA3	3	2	11,5037	0,852193	1,089993	Charged multivesicular body protein 6 (Fragment) OS=Mus musculus OX=10090 GN=Chmp6 PE=1 SV=1	718,8627	456,3488	465,486	621,0489	537,5792	457,2906	510,8829	841,2009
Q9D5V5;E9PV12;E9Q6Z0;G3X914	10	1	63,8298	0,852639	1,155027	Cullin-5 OS=Mus musculus OX=10090 GN=Cul5 PE=1 SV=3	299,4422	835,087	530,4051	614,1088	469,1068	815,6054	443,9318	358,9838
A0A286YCX6	10	2	51,0861	0,853223	1,123857	Trafficking protein particle complex 8 OS=Mus musculus OX=10090 GN=Trappc8 PE=1 SV=2	3380,731	2451,419	1682,727	1996,262	2932,551	2068,776	2029,257	1906,63
O35114	25	7	141,6023	0,853388	1,076459	Lysosome membrane protein 2 OS=Mus musculus OX=10090 GN=Scarb2 PE=1 SV=3	7781,016	6793,331	5331,773	7283,666	7237,857	7324,993	4259,094	6436,601
Q9D023	7	2	47,0446	0,85363	1,023983	Mitochondrial pyruvate carrier 2 OS=Mus musculus OX=10090 GN=Mpc2 PE=1 SV=1	4203,1	3138,062	2214,316	422,9456	2779,839	3465,528	570,3646	3258,425
D3Z2W0	4	1	24,1091	0,853799	1,169398	TNFAIP3-interacting protein 1 OS=Mus musculus OX=10090 GN=Tnip1 PE=1 SV=1	7155,065	7487,665	6007,079	3876,479	6266,727	7781,373	1800,746	7375,279
Q6ZWX6	33	13	275,2705	0,85381	1,065954	Eukaryotic translation initiation factor 2 subunit 1 OS=Mus musculus OX=10090 GN=Eif2s1 PE=1 SV=3	9821,522	13761,8	12719,69	11516,71	16650,15	10232,74	12175,66	11128,32
P60487	8	1	49,2322	0,85403	1,140274	Chronophin OS=Mus musculus OX=10090 GN=Pdpx PE=1 SV=1	2658,886	2599,668	2856,314	2347,6	4504,723	2108,099	2234,419	2426,207
O09106	25	3	190,6341	0,85537	1,069075	Histone deacetylase 1 OS=Mus musculus OX=10090 GN=Hdac1 PE=1 SV=1	6878,705	5928,569	6364,769	4365,309	6616,976	5958,2	4837,484	5647,19
Q62177;M0QWQ7;M9MMK0	11	2	61,0532	0,855434	1,074394	Semaphorin-3B OS=Mus musculus OX=10090 GN=Sema3b PE=2 SV=2	595,1213	867,6765	967,9715	851,4868	820,7742	837,3766	952,4481	711,6522
P60879	21	4	130,5762	0,855451	1,046999	Synaptosomal-associated protein 25 OS=Mus musculus OX=10090 GN=Snap25 PE=1 SV=1	1254,781	1865,654	1782,992	2046,27	1798,873	1974,426	1605,403	1897,622
Q9Z0S1;A0A1B0GRV0;D3Z0E6;D3 Z5X0	23	6	155,1842	0,855609	1,076081	3'(2'),5'-bisphosphate nucleotidase 1 OS=Mus musculus OX=10090 GN=Bpnt1 PE=1 SV=2	16314,91	12829,87	11779,69	10156,58	13945,6	13530,94	7369,541	12983,59
Q9QYE6;A0A1Y7VMD3	18	3	91,3788	0,855621	1,090524	Golgin subfamily A member 5 OS=Mus musculus OX=10090 GN=Golga5 PE=1 SV=2	559,2301	392,3551	473,4237	723,7197	530,8735	453,3103	499,6739	859,3824
Q8BFR5;A0A0U1RNQ6;A0A0U1R PC4	54	17	386,7917	0,855908	1,089143	Elongation factor Tu, mitochondrial OS=Mus musculus OX=10090 GN=Tufm PE=1 SV=1	19160,44	17216,31	11061,86	12730,22	14516,87	18178,32	13477,5	12848,53
Q80U63;A8Y5E5	4	1	25,7191	0,856768	1,119888	Mitofusin-2 OS=Mus musculus OX=10090 GN=Mfn2 PE=1 SV=3	125,4082	132,4489	160,7163	38,29091	214,2366	104,1942	109,3136	83,89278
D3Z3Y5;O09039	3	1	13,7064	0,857052	1,45608	SH2B adapter protein 3 OS=Mus musculus OX=10090 GN=Sh2b3 PE=1 SV=1	162,3121	97,50686	52,3596	271,2436	0	192,5193	200,1082	242,8792



E9Q696;P06240	17	2	82,8252	0,857206	1,080025	Tyrosine-protein kinase OS=Mus musculus OX=10090 GN=Lck PE=1 SV=1	1289,598	1194,843	996,7303	672,5661	1328,497	974,4392	819,4832	794,8488
B2RQ71;A0A1Y7VMZ0;B7ZMZ7;E9PWR4	5	1	22,2435	0,857391	1,130501	Dip2c protein OS=Mus musculus OX=10090 GN=Dip2c PE=1 SV=1	203,9895	169,0061	118,1549	115,1243	114,5532	149,2363	154,9702	117,5287
A0A0N4SVC2;E9QP00;Q6PFR5	15	5	97,1865	0,857804	1,096273	Transformer-2 protein homolog alpha OS=Mus musculus OX=10090 GN=Tra2a PE=1 SV=1	645,5903	903,2526	795,9976	521,4212	540,0396	938,1118	786,2934	756,0678
Q8CBB7;P22892	11	4	75,1369	0,857858	1,069942	AP-1 complex subunit gamma OS=Mus musculus OX=10090 GN=Ap1g1 PE=1 SV=1	1649,417	1830,264	1685,272	2286,81	1588,94	1923,762	1890,123	2256,887
Q99LI5	13	2	84,2774	0,85814	1,07314	Zinc finger protein 281 OS=Mus musculus OX=10090 GN=Znf281 PE=1 SV=1	379,7598	517,9247	490,6459	184,7081	628,3995	451,1313	172,4599	358,381
A0A1L1SSF2;Q3UDS7;Q8VDL4	14	5	94,668	0,85833	1,06139	ADP-dependent glucokinase OS=Mus musculus OX=10090 GN=Adpgk PE=1 SV=1	1988,345	1675,716	1070,252	1476,225	1376,86	2080,392	900,3576	1782,535
P32921	38	9	255,8325	0,858456	1,044062	Tryptophan--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Wars1 PE=1 SV=2	11004,34	8285,344	7670,916	8857,292	10016,45	9238,045	8270,295	8358,606
Q6DFW4;A0A087WNW0;A0A087WP00;A0A087WQ46;A0A087WSL8;A0A087WSU5;A0A0A0MQ76	39	11	348,5958	0,858478	1,049175	Nucleolar protein 58 OS=Mus musculus OX=10090 GN=Nop58 PE=1 SV=1	26009,37	20697,25	17917,33	19267,16	21378,42	24018,64	19978,34	20048,15
Q9CWU9	6	1	39,3028	0,859501	1,203548	Nucleoporin Nup37 OS=Mus musculus OX=10090 GN=Nup37 PE=1 SV=2	616,0811	724,8758	391,3201	309,2043	508,9914	356,5621	883,7192	383,745
Q91ZW3	83	19	564,2908	0,860543	1,056285	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5 OS=Mus musculus OX=10090 GN=Smarca5 PE=1 SV=1	13391,12	11714,55	9269,898	10365,15	11992,62	13495,01	7091,404	11359,16
P58281;E0CXD1;F6U775;H7BX01	52	5	314,0929	0,860625	1,023651	Dynamin-like 120 kDa protein, mitochondrial OS=Mus musculus OX=10090 GN=Opa1 PE=1 SV=1	1428,016	1402,308	1386,528	1497,557	1235,524	1413,351	1351,127	1594,17
Q9DCD0	31	11	210,2981	0,86066	1,092694	6-phosphogluconate dehydrogenase, decarboxylating OS=Mus musculus OX=10090 GN=Pgd PE=1 SV=3	3606,571	3394,278	4439,457	2746,118	4967,858	2823,052	3532,172	3618,32
Q9D1Q6	15	5	92,4529	0,861115	1,057641	Endoplasmic reticulum resident protein 44 OS=Mus musculus OX=10090 GN=Erp44 PE=1 SV=1	2093,186	1722,762	2017,994	1573,079	1817,974	1876,516	1691,04	2099,388
Q61753;F6ZSB7	41	16	310,3924	0,86134	1,064495	D-3-phosphoglycerate dehydrogenase OS=Mus musculus OX=10090 GN=Phgdh PE=1 SV=3	43614,46	39661,43	33689,47	30372,83	46128,74	38345,59	29780,88	33961,55
Q9EQ28	2	1	9,2279	0,861529	1,249005	DNA polymerase delta subunit 3 OS=Mus musculus OX=10090 GN=Pold3 PE=1 SV=2	312,3283	25,72462	152,5235	15,02079	113,6057	7,159788	241,5672	198,9245
Q9DCC8;A0A1D5RLZ6	6	1	47,8765	0,86153	1,922472	Mitochondrial import receptor subunit TOM20 homolog OS=Mus musculus OX=10090 GN=Tomm20 PE=1 SV=1	70,8809	124,0712	23,4688	386,6255	77,05342	136,0221	54,38432	895,7249
G5E829;A0A1W2P6X7;A0A1W2P772;A0A1W2P7C7;A0A1W2P7R3;A0A1W2P867;A0A1W2P882	64	11	435,3564	0,861798	1,083067	Plasma membrane calcium-transporting ATPase 1 OS=Mus musculus OX=10090 GN=Atp2b1 PE=1 SV=1	3550,584	2919,701	2609,998	4317,512	3138,234	3479,21	2800,229	2952,568

Q9EST5	17	1	87,1859	0,861803	1,1618	Acidic leucine-rich nuclear phosphoprotein 32 family member B OS=Mus musculus OX=10090 GN=Anp32b PE=1 SV=1	1877,924	2346,285	3116,787	1172,29	1766,732	1918,05	2152,739	1490,149
P37913;Q8R055	45	6	256,9637	0,862262	1,074876	DNA ligase 1 OS=Mus musculus OX=10090 GN=Lig1 PE=1 SV=2	23206,94	16918,22	13650,03	13617,92	19392,61	18771,58	14481,55	14987,75
E9Q933	3	1	21,5763	0,862923	1,129564	Transmembrane protein 11, mitochondrial OS=Mus musculus OX=10090 GN=Tmem11 PE=1 SV=1	975,7085	949,1794	836,1536	420,7741	1057,899	520,3034	701,1368	537,5128
P13020;A0A0J9YUJ8;A0A0J9YUQ8;A6PW55	47	15	317,9799	0,863161	1,037823	Gelsolin OS=Mus musculus OX=10090 GN=Gsn PE=1 SV=3	24495,93	22576,64	21137,74	20251,44	26316,4	19798,42	20730,13	20657,17
E9Q642;F6ZDY5;Q8BN58	3	2	14,1882	0,86342	1,125831	Rho GTPase-activating protein 28 OS=Mus musculus OX=10090 GN=Arhgap28 PE=1 SV=1	598,4086	320,0734	352,0394	375,9216	574,9291	276,9502	443,1585	335,7476
Q9QZQ8	33	12	176,7579	0,863582	1,07548	Core histone macro-H2A.1 OS=Mus musculus OX=10090 GN=Macroh2a1 PE=1 SV=3	18243,48	15195,46	10525,31	14226,47	13799,87	15184,07	14389,47	12629,82
Q99J99;A0A2R8VHE5;A0A2R8VHT1	22	6	149,7272	0,86389	1,485464	3-mercaptopyruvate sulfurtransferase OS=Mus musculus OX=10090 GN=Mpst PE=1 SV=4	536,6157	697,7213	635,398	1362,242	367,1728	896,7586	2233,054	699,0001
P14824;F8WIT2	91	38	609,3864	0,864274	1,037284	Annexin A6 OS=Mus musculus OX=10090 GN=Anxa6 PE=1 SV=3	27822,39	26917,15	21161,85	23711,81	28258,08	23374,63	23064,42	25218,25
Q99LP6	25	7	169,364	0,864342	1,062208	GrpE protein homolog 1, mitochondrial OS=Mus musculus OX=10090 GN=Grpel1 PE=1 SV=1	10206,66	11442,88	7420,631	10724,11	9521,049	11078,97	8330,499	8660,481
Q9D1G1;A0A494B945;A0A494BA38;A0A494BBL7	25	1	164,2653	0,864485	1,03642	Ras-related protein Rab-1B OS=Mus musculus OX=10090 GN=Rab1b PE=1 SV=1	15220,17	12468,35	12869,32	11039,98	14397,86	13540,93	14037,55	11500,67
Q8VE37;A2CER2;Q6PFB2	26	11	183,9903	0,864833	1,050395	Regulator of chromosome condensation OS=Mus musculus OX=10090 GN=Rcc1 PE=1 SV=1	17170,84	15611,06	12742,81	13578,78	13352,67	17603,5	12525,45	13569,56
Q60847;E9PX70	11	1	45,3902	0,865059	1,055265	Collagen alpha-1(XII) chain OS=Mus musculus OX=10090 GN=Col12a1 PE=2 SV=3	177,6916	218,6458	209,8639	305,4236	124,7457	196,5262	251,3311	389,4026
Q80X71;D3Z0M2;D3Z191;D3Z6E0A3KFU5;A3KFU8;Q6PHQ9;Q91YZ8;V9GXG3	51	12	412,982	0,865634	1,304294	Transmembrane protein 106B OS=Mus musculus OX=10090 GN=Tmem106b PE=1 SV=1	511,3292	411,781	392,4257	315,4372	490,4043	925,6694	421,1557	290,0384
Q9QZD8	11	1	88,6905	0,865698	1,049672	Polyadenylate-binding protein OS=Mus musculus OX=10090 GN=Pabpc4 PE=1 SV=1	12598,08	7916,888	7972,027	8252,997	9734,608	10603,56	8484,288	9742,47
P02088;A8DUK4;E9Q223;P02089	13	2	69,5991	0,865718	1,044887	Mitochondrial dicarboxylate carrier OS=Mus musculus OX=10090 GN=Slc25a10 PE=1 SV=2	3900,139	5487,763	5136,199	5345,374	4858,256	4997,879	4918,367	4625,534
Q62446;A0A1Y7VJ86;A0A1Y7VLK0;A0A1Y7VMJ9;A0A1Y7VP01Q8CAQ8;A0A0U1RP81;A0A0U1RQ14;A0A1B0GX08;E9PVS5;E9Q800;E9QAY6	13	2	69,5991	0,865841	1,078248	Hemoglobin subunit beta-1 OS=Mus musculus OX=10090 GN=Hbb-b1 PE=1 SV=2	853,9124	798,0006	887,2303	636,2891	1160,476	821,886	509,2372	545,9027
Q62446;A0A1Y7VJ86;A0A1Y7VLK0;A0A1Y7VMJ9;A0A1Y7VP01Q8CAQ8;A0A0U1RP81;A0A0U1RQ14;A0A1B0GX08;E9PVS5;E9Q800;E9QAY6	16	5	110,3138	0,866007	1,0322	Peptidyl-prolyl cis-trans isomerase FKBP3 OS=Mus musculus OX=10090 GN=Fkbp3 PE=1 SV=2	7491,807	7288,82	7614,973	6295,171	8055,246	6605,379	6692,421	7017,753
Q62446;A0A1Y7VJ86;A0A1Y7VLK0;A0A1Y7VMJ9;A0A1Y7VP01Q8CAQ8;A0A0U1RP81;A0A0U1RQ14;A0A1B0GX08;E9PVS5;E9Q800;E9QAY6	93	33	602,1614	0,866305	1,060411	MICOS complex subunit Mic60 OS=Mus musculus OX=10090 GN=Immt PE=1 SV=1	26207,29	20350,58	16898,78	18374	21462,18	21180,38	19482,99	18024,2

Q60520;E9PXF9	7	1	36,4539	0,866824	1,066947	Paired amphipathic helix protein Sin3a OS=Mus musculus OX=10090 GN=Sin3a PE=1 SV=3	5952,073	6207,043	4552,672	5825,965	3907,282	6881,135	5762,879	5749,248
P29699;A0A338P692;A0A338P703;A0A338P7G1	7	1	54,548	0,867371	1,142598	Alpha-2-HS-glycoprotein OS=Mus musculus OX=10090 GN=Ahsg PE=1 SV=1	118,1661	252,4315	106,4387	136,127	153,3084	101,4653	153,9596	163,6031
Q91YT0;A0A494BAS8;D3YUM1;D3YXX5;D3Z0K1;D3Z1U9;D6RG60	30	10	223,4943	0,867649	1,096914	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial OS=Mus musculus OX=10090 GN=Ndufv1 PE=1 SV=1	2883,212	2706,437	1734,518	3036,278	2395,249	3148,62	1803,928	2370,735
Q99MS7;E9QP49;G5E8Y6	21	3	97,5527	0,86809	1,136751	EH domain-binding protein 1-like protein 1 OS=Mus musculus OX=10090 GN=Ehbp111 PE=1 SV=1	1730,943	2766,055	5946,529	4580,483	1426,799	2182,755	1394,739	9000,989
O89033	4	1	19,4516	0,868488	1,259485	Cell division control protein 6 homolog OS=Mus musculus OX=10090 GN=Cdc6 PE=1 SV=2	214,0068	575,9534	1128,166	540,984	346,4444	360,1805	1110,623	725,223
P97450;E9QAD6	6	1	64,5575	0,868573	1,916679	ATP synthase-coupling factor 6, mitochondrial OS=Mus musculus OX=10090 GN=Atp5pf PE=1 SV=1	9106,464	3196,667	1827,094	1335,797	3894,303	2166,866	857,5022	3865,678
Q9Z2E3	3	1	13,8782	0,868718	1,102988	Serine/threonine-protein kinase/endoribonuclease IRE2 OS=Mus musculus OX=10090 GN=Ern2 PE=2 SV=2	72,88649	151,5768	93,37294	239,9366	60,37966	157,717	153,3237	223,8173
Q9Z0W3	24	3	135,6555	0,870224	1,168001	Nuclear pore complex protein Nup160 OS=Mus musculus OX=10090 GN=Nup160 PE=1 SV=2	250,5779	242,1844	271,3588	199,3248	64,46358	414,8093	325,849	320,1833
O55234;Q8BTY5	21	4	106,3947	0,870352	1,094018	Proteasome subunit beta type-5 OS=Mus musculus OX=10090 GN=Psb5 PE=1 SV=3	10011,65	7348,014	7050,695	6191,765	8170,765	6410,358	6695,757	6695,351
Q99JY0;D3YXU1	42	15	313,7531	0,870529	1,146776	Trifunctional enzyme subunit beta, mitochondrial OS=Mus musculus OX=10090 GN=Hadhb PE=1 SV=1	10508,1	9107,266	5400,308	11524	9028,294	12476,11	5968,287	10929,3
Q80YV2;H3BKM2	7	3	28,2242	0,870649	1,075732	Nuclear-interacting partner of ALK OS=Mus musculus OX=10090 GN=Zc3hc1 PE=1 SV=1	512,9251	327,6681	363,6071	301,8861	403,9514	337,0016	330,5937	329,461
Q8BGT7;A0A494BA53;A0A494BAP9	7	1	41,4744	0,870652	1,422225	Survival of motor neuron-related-splicing factor 30 OS=Mus musculus OX=10090 GN=Smdc1 PE=1 SV=1	63,50498	101,4643	73,16748	49,17478	23,57625	98,10814	120,8781	133,0871
Q9QU10;A0A0A6YXF6	18	1	100,5093	0,870726	1,228702	Transforming protein RhoA OS=Mus musculus OX=10090 GN=Rhoa PE=1 SV=1	1642,2	365,1002	1344,836	597,5924	714,7472	922,8932	660,8426	916,0702
Q9CXF4	13	4	64,8002	0,871065	1,048575	TBC1 domain family member 15 OS=Mus musculus OX=10090 GN=Tbc1d15 PE=1 SV=1	4006,883	3670,578	3375,496	3066,529	4328,409	3524,978	3112,39	3024,713
Q921N6;H3BLJ6	23	4	122,129	0,871306	1,062636	Probable ATP-dependent RNA helicase DDX27 OS=Mus musculus OX=10090 GN=Ddx27 PE=1 SV=3	1911,046	1519,917	1171,767	1574,614	1309,26	1668,037	1323,368	1512,563
O35465;F6WHP10	18	2	112,0458	0,872821	1,075993	Peptidyl-prolyl cis-trans isomerase FKBP8 OS=Mus musculus OX=10090 GN=Fkbp8 PE=1 SV=2	446,8461	410,1482	372,7879	418,4849	374,5127	345,971	571,9081	473,1472
Q8BYB9	1	1	11,1138	0,873337	1,036904	Protein O-glucosyltransferase 1 OS=Mus musculus OX=10090 GN=Poglut1 PE=1 SV=2	941,8345	811,7653	820,236	858,6754	498,8157	1058,658	859,9676	892,9059

Q00P19	36	6	268,396	0,87389	1,188856	Heterogeneous nuclear ribonucleoprotein U-like protein 2 OS=Mus musculus OX=10090 GN=Hnnpul2 PE=1 SV=2	1632,386	1008,274	692,7139	596,457	974,4328	898,9262	945,663	486,5349
P62307	5	2	32,546	0,874203	1,480346	Small nuclear ribonucleoprotein F OS=Mus musculus OX=10090 GN=Snrfp PE=1 SV=1	864,7855	58,95433	241,5392	526,3465	93,72749	92,70386	518,8743	475,3544
P17427;A0A0J9YUA7	53	10	345,2147	0,874392	1,063683	AP-2 complex subunit alpha-2 OS=Mus musculus OX=10090 GN=Ap2a2 PE=1 SV=2	9020,559	9897,018	8729,847	7626,698	9945,114	11222,94	6683,384	8059,677
Q9Z2I9	25	4	137,4191	0,874407	1,065076	Succinate--CoA ligase [ADP-forming] subunit beta, mitochondrial OS=Mus musculus OX=10090 GN=Sucla2 PE=1 SV=2	2863,711	2180,69	1728,881	2118,102	1998,195	2813,248	1964,966	2129,852
Q99P31;A0A0U1RPE7;A0A0U1RPF2;A0A0U1RQ49	16	6	99,9866	0,874646	1,054085	Hsp70-binding protein 1 OS=Mus musculus OX=10090 GN=Hspbp1 PE=1 SV=1	2819,18	1852,917	1927,507	1887,83	2431,862	2047,295	2585,469	1881,847
Q9Z2W0;A0A087WDX3;A0A087WRC1;A0A087WSD3;A0A087WSE6;A0A087WSU0;Q3TVK3;Q8BPW9	31	3	239,5838	0,874733	1,037088	Aspartyl aminopeptidase OS=Mus musculus OX=10090 GN=Dnpep PE=1 SV=2	4186,968	3241,319	3342,726	3835,145	4431,421	3026,05	3042,277	3586,203
P15620	3	1	14,7957	0,875269	2,966633	Zinc finger protein 271 OS=Mus musculus OX=10090 GN=Znf271 PE=2 SV=1	198,1305	3,639072	140,1827	262,3461	81,85447	25,23793	63,42486	33,18109
Q640L5	15	2	89,8325	0,875682	1,200316	Coiled-coil domain-containing protein 18 OS=Mus musculus OX=10090 GN=Ccdc18 PE=1 SV=1	4162,092	20596,17	2621,542	3459,282	10656,43	15100,84	9402,606	1856,789
Q9JIF7	53	10	362,5298	0,875818	1,154055	Coatomer subunit beta OS=Mus musculus OX=10090 GN=Copb1 PE=1 SV=1	4978,165	4855,012	5354,432	5568,163	8206,662	4849,77	2780,595	5986,151
P70404	23	5	164,4291	0,875926	1,058496	Isocitrate dehydrogenase [NAD] subunit gamma 1, mitochondrial OS=Mus musculus OX=10090 GN=Idh3g PE=1 SV=1	8635,959	7120,054	5558,381	6631,494	7192,024	8840,91	6710,109	6237,23
Q9D1M4	8	2	46,3992	0,875941	1,055935	Eukaryotic translation elongation factor 1 epsilon-1 OS=Mus musculus OX=10090 GN=Eef1e1 PE=1 SV=1	10762,82	8037,766	7496,521	2381,125	10733,7	8110,32	3686,354	6334,524
P18242;A0A1B0GT66;F6Y6L6;F8WIR1	34	14	235,2833	0,876391	1,070965	Cathepsin D OS=Mus musculus OX=10090 GN=Ctsd PE=1 SV=1	20480,49	16725,13	13881,07	13021,08	17542,56	16914,06	13545,01	11858,19
P35922;D3Z6U8;E9QAT0;E9QNF5;Q6AXB7	35	1	211,5971	0,876487	3,26445	Synaptic functional regulator FMR1 OS=Mus musculus OX=10090 GN=Fmr1 PE=1 SV=1	20,74161	700,5413	6,877906	8,625228	71,19687	316,7684	117,5208	3,233781
A2A432;J3QJX0	41	1	242,0297	0,87681	1,161657	Cullin-4B OS=Mus musculus OX=10090 GN=Cul4b PE=1 SV=1	24,49269	32,01192	16,42201	2,449234	0	23,99357	23,61685	17,27606
Q8CGP1;P10853;P10854;Q64475;Q64478;Q64525;Q6ZWY9;Q8CBB6;Q8CGP2	61	14	217,1155	0,876857	1,066428	Histone H2B type 1-K OS=Mus musculus OX=10090 GN=H2bc12 PE=1 SV=3	12765,52	11819,13	10855,21	15812,14	10607,01	15084,3	11601,25	14815,36
Q6P9J9;A0A2I3BPX3	2	1	13,9773	0,87736	1,312553	Anoctamin-6 OS=Mus musculus OX=10090 GN=Ano6 PE=1 SV=1	305,3351	428,324	507,0429	316,2128	1144,347	325,2365	297,7484	276,2006
Q6A009	4	1	18,5262	0,877946	2,299239	E3 ubiquitin-protein ligase listerin OS=Mus musculus OX=10090 GN=Ltn1 PE=1 SV=3	0	283,1476	94,00991	82,59825	9,98147	127,2562	53,49358	9,228747
P08113;F7C312	172	75	954,0892	0,878741	1,033814	Endoplasmin OS=Mus musculus OX=10090 GN=Hsp90b1 PE=1 SV=2	68674,51	59574,54	56451,69	63293,84	60457,94	66768,45	57545,15	55111,63
P26043;A0A5F8MPB9;Q7TSG6	54	6	365,5013	0,878932	1,078982	Radixin OS=Mus musculus OX=10090 GN=Rdx PE=1 SV=3	14321,28	10374,77	8056,949	8646,483	10227,65	9911,164	8368,933	9861,272

Q9JHI7;D6RGB5	14	2	109,5928	0,879095	1,27175	Exosome complex component RRP45 OS=Mus musculus OX=10090 GN=Exosc9 PE=1 SV=1	200,3779	118,5491	360,1906	233,8093	151,0455	133,2442	617,2562	259,4682
Q810V0	14	1	85,0561	0,87924	1,206552	U3 small nucleolar ribonucleoprotein protein MPP10 OS=Mus musculus OX=10090 GN=Mphosph10 PE=1 SV=2	100,0083	114,2544	170,9022	260,7398	74,13555	197,0528	213,9906	294,1386
Q9D7N9	28	6	177,0231	0,879281	1,100778	Adipocyte plasma membrane-associated protein OS=Mus musculus OX=10090 GN=Apmmap PE=1 SV=1	723,1735	657,1795	1177,066	757,2071	818,3819	650,1553	861,1051	1319,025
Q8R0F3	2	1	10,001	0,879651	1,763727	Formylglycine-generating enzyme OS=Mus musculus OX=10090 GN=Sumf1 PE=1 SV=2	29,36231	17,04911	34,31278	51,56707	90,31852	42,34939	0	43,14304
P53810;F8WGG5;J3QPW1;J3QQ30	13	1	70,8287	0,880071	1,06547	Phosphatidylinositol transfer protein alpha isoform OS=Mus musculus OX=10090 GN=Pitpna PE=1 SV=2	1232,051	1220,774	1286,178	1506,516	1416,84	1316,288	720,9296	1818,232
P35550;A0A140LIR6	44	14	241,9823	0,880159	1,046289	rRNA 2'-O-methyltransferase fibrillarin OS=Mus musculus OX=10090 GN=Fbl PE=1 SV=2	27418,77	25947,52	20237,97	26177,66	24477,55	32456,31	24438,86	22886,13
Q7TSG2	7	1	32,8808	0,88017	2,90448	RNA polymerase II subunit A C-terminal domain phosphatase OS=Mus musculus OX=10090 GN=Ctdp1 PE=1 SV=1	71,88948	130,4063	101,6328	141,7306	85,67453	215,6401	17,57332	850,8562
E9QKG8;E9Q4T0;Q6PG16	3	1	14,0541	0,880487	1,09367	Holliday junction recognition protein OS=Mus musculus OX=10090 GN=Hjurp PE=1 SV=1	1232,292	1150,794	761,4952	1549,782	1620,409	1001,857	1095,126	1168,282
Q3U1J1;A0A0U1RPD5	1	1	10,565	0,880779	1,306099	TCF3 fusion partner homolog OS=Mus musculus OX=10090 GN=Tfpt PE=1 SV=1	1108,28	1303,866	254,6661	1149,615	2205,114	252,6386	796,3318	1084,71
A2ADY9	3	1	10,9185	0,881411	1,536966	Protein DDI1 homolog 2 OS=Mus musculus OX=10090 GN=Ddi2 PE=1 SV=1	12,82202	0,001545	26,86362	29,55205	0	9,603678	39,90891	18,31381
Q9D7H3;D3Z263;D6RD00;D6REI7	16	6	137,124	0,881514	1,104415	RNA 3'-terminal phosphate cyclase OS=Mus musculus OX=10090 GN=RtcA PE=1 SV=2	1517,758	1659,836	1763,313	1333,052	1628,805	1896,273	1248,136	1666,173
Q4KWH5;H3BKE1;H3BKK4;H3BKX1;11E4X4;11E4X6	45	7	252,3236	0,881978	1,063623	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-1 OS=Mus musculus OX=10090 GN=Plch1 PE=2 SV=1	6693,739	4686,694	4239,734	5249,722	5678,842	5985,422	3071,242	6189,056
Q60598;Q921L6	49	15	312,4684	0,882036	1,056449	Src substrate cortactin OS=Mus musculus OX=10090 GN=Cttn PE=1 SV=2	19801,13	15860,33	14178,47	11505,24	17761,31	14071,14	14650,17	14792,13
P10852;A0A0U1RP32;A0A0U1RP98;A0A0U1RPG5;A0A0U1RPK4;A0A0U1RPL8;A0A0U1RPQ7	57	22	344,3032	0,882257	1,066388	4F2 cell-surface antigen heavy chain OS=Mus musculus OX=10090 GN=Slc3a2 PE=1 SV=1	49561,87	36637,16	27614,06	32030,35	36326,19	42442,14	32881,56	33486,52
Q91VN6;A0A1S6GWJ4	6	2	34,3263	0,88239	1,034078	Probable ATP-dependent RNA helicase DDX41 OS=Mus musculus OX=10090 GN=Ddx41 PE=1 SV=2	1551,683	1269,065	1207,287	1299,665	1418,246	1189,543	1368,161	1392,214
Q62209;A0A0G2JGA9	34	5	181,3383	0,883043	1,091427	Synaptonemal complex protein 1 OS=Mus musculus OX=10090 GN=Sycp1 PE=1 SV=2	8102,411	8179,359	5126,97	4900,687	7336,971	6992,745	4199,053	5576,759
Q3UZ18	3	1	14,0352	0,883227	1,11069	Little elongation complex subunit 2 OS=Mus musculus OX=10090 GN=Ice2 PE=1 SV=2	88254,45	56646,29	50347,69	16994,45	62850,45	60679,55	34753,05	35052,62
Q9EPL8	39	8	285,7289	0,883784	1,087753	Importin-7 OS=Mus musculus OX=10090 GN=Ipo7 PE=1 SV=2	4810,569	5279,959	5837,71	4750,186	8473,927	5023,803	3682,365	5105,114
P54822;A0A0G2JF18;A0A140LHU1;E9Q0A0;E9Q242;E9Q3T7	32	13	192,6875	0,884694	1,073863	Adenylosuccinate lyase OS=Mus musculus OX=10090 GN=Adsl PE=1 SV=2	18717,75	13411,56	13465,55	13319	17935,17	14389,69	9922,29	15076,42

P83510;B2RQ80;B9EKN8;EOCXD6 ;EOCY98;EOCZD7;EOCZF8;E9PUL9	22	3	115,8059	0,884834	1,209535	Traf2 and NCK-interacting protein kinase OS=Mus musculus OX=10090 GN=Tnik PE=1 SV=2	544,4236	670,3329	509,248	192,8294	457,9233	488,1988	231,6272	407,0196
Q99PW8;A2AM74	9	2	46,4266	0,884881	1,066678	Kinesin-like protein KIF17 OS=Mus musculus OX=10090 GN=Kif17 PE=1 SV=1	587,2343	720,6969	920,4674	873,709	671,5382	638,1625	834,6576	895,8505
Q921L3;A0A0A6YVS2	7	2	55,2715	0,885277	1,099955	Calcium load-activated calcium channel OS=Mus musculus OX=10090 GN=Tmco1 PE=1 SV=1	1620,349	1136,271	1000,498	1737,312	1541,491	961,1494	1333,346	1449,383
Q99JI4;A0A286YDW8	31	8	185,3801	0,886044	1,025397	26S proteasome non-ATPase regulatory subunit 6 OS=Mus musculus OX=10090 GN=Psm6 PE=1 SV=1	4162,482	3872,544	4317,303	3714,617	4332,448	3462,94	3759,758	4113,856
Q3TMH2	2	2	9,4293	0,886815	7,969783	Secernin-3 OS=Mus musculus OX=10090 GN=Scrn3 PE=1 SV=1	206,4221	188,6413	358,3156	230,789	53,01274	157,9348	7403,178	229,4791
Q3UJU9	18	3	107,4342	0,886884	1,037303	Regulator of microtubule dynamics protein 3 OS=Mus musculus OX=10090 GN=Rmdn3 PE=1 SV=2	917,842	1803,213	1740,487	1683,641	1647,103	1661,03	1510,859	1374,598
Q99L47;E9Q1V0;E9Q1X9;F8WJK8	36	14	238,2277	0,887073	1,056028	Hsc70-interacting protein OS=Mus musculus OX=10090 GN=St13 PE=1 SV=1	64268,11	57941,18	54596,61	41681,8	65123,33	50351	40812,31	50609,07
Q2PFD7;A0A1D5RLK2;A0A1D5R MH7;E9PUC5;F6Z9E6	10	2	54,1027	0,887849	1,201476	PH and SEC7 domain-containing protein 3 OS=Mus musculus OX=10090 GN=Psd3 PE=1 SV=2	2948,863	2301,287	984,5369	1989,379	2809,248	2530,526	665,011	1535,161
P97478;A0A140LIF0;Q3TYT1	11	2	64,6728	0,888107	1,124708	5-demethoxyubiquinone hydroxylase, mitochondrial OS=Mus musculus OX=10090 GN=Coq7 PE=1 SV=3	74,82161	25,17385	67,09432	132,4149	46,70916	89,71779	40,4588	153,4408
POC0S6;G3UWL7;Q3THW5;Q3UA 95;Q8R029	34	5	102,3966	0,888307	1,056115	Histone H2A.Z OS=Mus musculus OX=10090 GN=H2az1 PE=1 SV=2	9629,62	11597,63	12340,55	9527,429	10713,86	13962,1	9841,013	7519,339
Q5DTT8;F6ZWH4	11	1	55,0741	0,888324	2,718816	Paraneoplastic antigen-like protein 5 OS=Mus musculus OX=10090 GN=Pnma5 PE=1 SV=2	0	53,58212	80,93	19,49425	29,74227	0	13,85266	15,17007
P52912;A0A0N4SVR8;D3YY02;D3 Z4H6	12	1	86,1445	0,888378	1,117072	Cytotoxic granule associated RNA binding protein TIA1 OS=Mus musculus OX=10090 GN=Tia1 PE=1 SV=1	1776,94	1335,918	944,0685	1515,566	1791,748	1151,425	2087,574	1194,13
Q3UMF0;B1AZ14;B1AZ15	16	1	79,1802	0,888595	1,119538	Cordon-bleu protein-like 1 OS=Mus musculus OX=10090 GN=Cobll1 PE=1 SV=2	4069,013	2414,877	3568,653	732,8167	4004,201	2416,884	1278,662	2889,689
Q35668	2	1	10,0711	0,888608	1,099975	Huntingtin-associated protein 1 OS=Mus musculus OX=10090 GN=Hap1 PE=1 SV=1	308,5976	287,7277	352,8846	194,6829	407,8426	221,9111	319,7182	308,7817
Q9D706	44	11	292,1101	0,888653	1,064672	RNA polymerase II-associated protein 3 OS=Mus musculus OX=10090 GN=Rpap3 PE=1 SV=1	4743,954	3254,276	2555,668	2127,136	3632,603	3760,557	1646,543	2871,04
Q99KI3	9	4	47,4951	0,889272	1,070506	ER membrane protein complex subunit 3 OS=Mus musculus OX=10090 GN=Emc3 PE=1 SV=3	6584,026	5194,712	3634,856	5215,06	5192,166	5076,025	4248,945	4809,312
Q35639;Q3TET3	11	1	51,5786	0,88982	1,067995	Annexin A3 OS=Mus musculus OX=10090 GN=Anxa3 PE=1 SV=4	1122,053	978,2739	725,8747	762,188	918,7369	1187,301	856,1068	788,3738
Q68G58;A2AFM3;A2AFM4;A2AF M5;F7CPY7	2	1	15,0089	0,889872	1,049329	DNA-(apurinic or apyrimidinic site) endonuclease 2 OS=Mus musculus OX=10090 GN=Apex2 PE=1 SV=1	9899,757	8354,877	8505,008	7412,348	8395,384	8631,713	10049,24	6587,704

Q8K1J6;A0A0N4SUW4;A0A0N4SV41	23	6	134,6617	0,889942	1,038396	CCA tRNA nucleotidyltransferase 1, mitochondrial OS=Mus musculus OX=10090 GN=Trnt1 PE=1 SV=1	5142,937	5554,837	6067,127	6357,606	5553,575	6479,318	5216,907	5017,725
Q61578	18	5	98,9692	0,890458	1,054207	NADPH:adrenodoxin oxidoreductase, mitochondrial OS=Mus musculus OX=10090 GN=Fdxr PE=1 SV=1	7724,014	6629,232	5254,463	5551,733	6100,72	6897,776	5336,561	6135,458
Q32MG2	2	1	14,3119	0,891103	1,334694	Protein chibby homolog 2 OS=Mus musculus OX=10090 GN=Cby2 PE=1 SV=2	253,8098	235,7581	325,8919	231,4321	216,1353	328,0577	276,6256	202,125
Q9JKY0	9	1	55,1214	0,891275	1,173635	CCR4-NOT transcription complex subunit 9 OS=Mus musculus OX=10090 GN=Cnot9 PE=1 SV=1	218,4037	374,8702	589,5109	661,7843	153,3714	385,2061	584,3112	590,6165
Q9CZH7;Q9D1T2	2	1	17,9275	0,891341	1,087354	Matrix-remodeling-associated protein 7 OS=Mus musculus OX=10090 GN=Mxra7 PE=1 SV=2	206,4585	232,9597	179,1599	362,8175	181,2693	279,297	310,0255	155,3448
P14234	9	1	46,4424	0,89175	1,102296	Tyrosine-protein kinase Fgr OS=Mus musculus OX=10090 GN=Fgr PE=1 SV=2	234,1044	430,6445	235,1457	350,5847	354,0015	413,4953	210,3241	400,5773
P0C090;A2AVP4	23	3	118,1556	0,892164	1,828343	Roquin-2 OS=Mus musculus OX=10090 GN=Rc3h2 PE=1 SV=1	404,8074	316,4276	411,0496	127,3529	1646,849	261,795	161,099	233,3071
Q9DCA5	11	2	78,8164	0,89223	1,040659	Ribosome biogenesis protein BRX1 homolog OS=Mus musculus OX=10090 GN=Brix1 PE=1 SV=3	5723,724	4879,086	3987,901	4587,096	5072,398	5143,753	3986,251	4703,883
Q9DCE5	5	2	29,1803	0,892296	1,083375	p21-activated protein kinase-interacting protein 1 OS=Mus musculus OX=10090 GN=Pak1ip1 PE=1 SV=2	571,0455	390,7357	577,6499	623,2761	443,2487	795,5672	477,2184	626,9876
Q60973;A2AFI9;A2AFJ1;F6U539;F6ZLC6	25	2	136,1488	0,892401	1,032753	Histone-binding protein RBBP7 OS=Mus musculus OX=10090 GN=Rbbp7 PE=1 SV=1	24162,08	21507,91	18249,15	18682,07	23466,32	19884,87	20575,68	20055,79
Q9DB20;A0A338P776;A0A338P7G3;F6XVM5;F7D3P8	39	27	218,8742	0,892733	1,058918	ATP synthase subunit O, mitochondrial OS=Mus musculus OX=10090 GN=Atp5po PE=1 SV=1	46523,68	36808,18	29829,89	36044,79	35880,34	47506,73	34906,19	33204,21
A0A2I3BQP6;A0A286YDL6;Q923T9	11	2	79,4843	0,892966	1,463471	Calcium/calmodulin-dependent protein kinase OS=Mus musculus OX=10090 GN=Camk2g PE=1 SV=1	28,59696	66,63145	193,9648	85,49478	33,63106	102,7232	50,73514	99,19231
E9QP09;S4R1Y1	20	4	109,9593	0,893141	1,054417	Cullin-9 OS=Mus musculus OX=10090 GN=Cul9 PE=1 SV=1	1053,428	824,3587	689,77	223,7247	863,4069	879,0683	269,9393	677,9147
P16331	3	1	13,9989	0,893185	1,174831	Phenylalanine-4-hydroxylase OS=Mus musculus OX=10090 GN=Pah PE=1 SV=4	290,1631	178,1639	582,4542	790,8584	201,634	418,6875	456,1597	857,0896
Q9R0U0;Q3TFP0	13	2	75,6754	0,893918	1,067702	Serine/arginine-rich splicing factor 10 OS=Mus musculus OX=10090 GN=Srsf10 PE=1 SV=2	1962,785	1682,991	1828,918	1203,667	1761,883	1429,112	1842,901	1220,999
Q5SSI6	31	6	180,3307	0,893919	1,051978	U3 small nucleolar RNA-associated protein 18 homolog OS=Mus musculus OX=10090 GN=Utp18 PE=1 SV=1	3591,673	3165,625	2438,245	2856,615	3151,364	2631,403	3353,865	2472,365
P09405	104	49	538,569	0,894001	1,028823	Nucleolin OS=Mus musculus OX=10090 GN=Ncl PE=1 SV=2	115561,2	99616,29	90219,31	96079,13	101650,3	105722,7	91862,53	96745,1
Q99JX4;A2A701;A2A702	20	4	160,7473	0,894701	1,032553	Eukaryotic translation initiation factor 3 subunit M OS=Mus musculus OX=10090 GN=Eif3m PE=1 SV=1	2986,47	2941,639	3354,672	2488,415	3489,229	2453,326	2755,329	3000,288

Q9CZD3	58	23	414,2658	0,894751	1,071533	Glycine--tRNA ligase OS=Mus musculus OX=10090 GN=Gars1 PE=1 SV=1	25933,3	23551,18	20137,67	17669,19	29792,04	19783,19	15264,91	19825,8
P21995;A0A286YE53	34	12	208,8117	0,894773	1,047345	Embiggin OS=Mus musculus OX=10090 GN=Emb PE=1 SV=2	33243,6	27069,53	26128,36	21650,24	30349,27	32978,67	20214,49	26128,97
Q61171;D3Z4A4	35	22	190,1053	0,894808	1,031339	Peroxiredoxin-2 OS=Mus musculus OX=10090 GN=Prdx2 PE=1 SV=3	57314,61	54678,43	60732,04	42990,06	72981,47	41678,07	49337,9	45162,86
P28293	2	1	8,3404	0,894971	1,13042	Cathepsin G OS=Mus musculus OX=10090 GN=Ctsg PE=1 SV=2	173,6447	263,8206	88,37618	207,5165	102,9529	205,9611	161,9175	182,8207
O08583;Q9JJW6	16	2	117,2596	0,895169	1,092137	THO complex subunit 4 OS=Mus musculus OX=10090 GN=Alyref PE=1 SV=3	368,0705	515,0159	305,2415	484,5292	418,1674	315,7679	578,5184	432,6035
O70456	35	4	212,8365	0,895979	1,066942	14-3-3 protein sigma OS=Mus musculus OX=10090 GN=Sfn PE=1 SV=2	2409,964	2271,169	1963,909	1397,37	2547,542	1808,089	1514,701	1667,486
Q9ESZ8;G3UWV2;G3UYD0;G3UYJ 6;Q3UHU8	41	10	254,0894	0,896217	1,281198	General transcription factor II-I OS=Mus musculus OX=10090 GN=Gtf2i PE=1 SV=3	3580,759	3051,478	2648,363	1624,885	3431,237	6232,978	1324,581	2983,294
J3QN85;P16092	14	2	59,4711	0,896406	1,033649	Fibroblast growth factor receptor OS=Mus musculus OX=10090 GN=Fgfr1 PE=1 SV=1	2455,542	2284,119	2105,618	2157,195	1912,254	2703,283	2129,954	2006,709
Q9DAW6	20	7	144,0124	0,896823	1,038759	U4/U6 small nuclear ribonucleoprotein Prp4 OS=Mus musculus OX=10090 GN=Prpf4 PE=1 SV=1	4543,165	3648,694	3923,21	3548,818	4834,103	3556,883	3515,754	3284,651
Q505G8	6	1	35,3971	0,896892	1,120112	Zinc finger protein 827 OS=Mus musculus OX=10090 GN=Znf827 PE=1 SV=2	914,2943	432,8544	373,4706	62,82875	669,1992	594,1772	30,30725	568,3167
P63037;B1AXX9;B1AXY0;B1AXY1	29	11	209,9031	0,896912	1,050119	DnaJ homolog subfamily A member 1 OS=Mus musculus OX=10090 GN=Dnaja1 PE=1 SV=1	7601,049	8902,959	7838,262	7213,387	9347,193	8096,746	8197,834	7405,035
Q61316	73	1	637,6961	0,897183	1,535923	Heat shock 70 kDa protein 4 OS=Mus musculus OX=10090 GN=Hspa4 PE=1 SV=1	469,7467	1252,12	1438,769	1906,522	845,4545	1231,655	168,3771	3671,756
Q8BJ05;A0A1Y7VJD9	9	1	55,537	0,897304	2,030796	Zinc finger CCCH domain-containing protein 14 OS=Mus musculus OX=10090 GN=Zc3h14 PE=1 SV=1	666,7292	28,19608	172,6778	78,53038	74,12951	45,27937	23,78069	427,8682
P70699;A2AFL5;F6R5R5;F6VEG4	35	10	250,6469	0,897612	1,053751	Lysosomal alpha-glucosidase OS=Mus musculus OX=10090 GN=Gaa PE=1 SV=2	8825,416	7478,5	7623,052	6960,627	9385,88	8009,616	7523,41	6066,395
P42567;A0A0R4J0A0;F6W2Q5;H3 BK65;Q5JC28	28	2	154,9073	0,899255	1,075029	Epidermal growth factor receptor substrate 15 OS=Mus musculus OX=10090 GN=Eps15 PE=1 SV=1	275,8703	424,8754	372,0002	289,1814	281,5107	387,194	331,0502	464,3569
A0A0B4J1E2;Q9CSN1	38	8	242,6779	0,899543	1,059912	SNW domain-containing protein 1 OS=Mus musculus OX=10090 GN=Snw1 PE=1 SV=1	2766,311	2197,891	2370,756	2393,027	2505,64	2716,26	1871,638	3142,053
E9PZS9	8	1	31,0153	0,899684	1,124365	Vomeroneasal 2, receptor 101 OS=Mus musculus OX=10090 GN=Vmn2r101 PE=4 SV=1	1440,747	952,1563	476,3825	6,267536	696,4954	1087,329	880,235	69,31475
Q8R3N1	16	1	99,2842	0,900003	1,936167	Nucleolar protein 14 OS=Mus musculus OX=10090 GN=Nop14 PE=1 SV=2	46,85406	180,5474	102,237	4,391659	28,63494	129,4005	39,23232	63,96565
Q6A068	52	6	381,5928	0,900239	1,032961	Cell division cycle 5-like protein OS=Mus musculus OX=10090 GN=Cdc5l PE=1 SV=2	5405,271	4879,893	4205,579	4104,308	5069,298	5408,5	4369,938	4360,227
Q571I4	10	1	54,7965	0,900703	1,068815	Inactive tyrosine-protein kinase PRAG1 OS=Mus musculus OX=10090 GN=Prag1 PE=1 SV=3	5936,715	4605,064	3484,778	6043,025	6179,356	4130,825	4710,627	6429,855
Q91V61;Q3U4F0	8	1	49,1855	0,901878	1,074083	Sideroflexin-3 OS=Mus musculus OX=10090 GN=Sfxn3 PE=1 SV=1	395,7746	573,3449	507,3475	502,2893	645,5062	468,2579	630,4372	375,8506



Q9EP72	8	1	47,5133	0,902021	1,926522	ER membrane protein complex subunit 7 OS=Mus musculus OX=10090 GN=Emc7 PE=1 SV=1	0	162,9801	270,3807	281,1672	62,97029	25,04592	98,64611	184,2278
Q3TXS7;D6RGR5;J3QN38	45	11	384,0868	0,902462	1,035419	26S proteasome non-ATPase regulatory subunit 1 OS=Mus musculus OX=10090 GN=Psm1 PE=1 SV=1	10393,01	8858,323	9928,05	7104,341	10240	8437,281	7144,122	9221,142
E9Q1U1;A2BI14	33	2	186,9359	0,902669	1,258816	Coiled-coil domain-containing protein 171 OS=Mus musculus OX=10090 GN=Ccdc171 PE=2 SV=1	141,2627	141,758	318,1936	275,3488	159,2701	157,2487	213,6248	573,2882
O88544;D3YV99;D3Z1R9;F6QTS1	29	3	219,9228	0,903255	1,099804	COP9 signalosome complex subunit 4 OS=Mus musculus OX=10090 GN=Cops4 PE=1 SV=1	7225,752	6380,976	4372,937	3762,215	5362,969	6545,798	5241,211	3715,374
E9PZ84;Q3TV33;Q3V0B6;Q8C1F5	9	2	49,4864	0,903383	1,095143	Tetratricopeptide repeat protein 16 OS=Mus musculus OX=10090 GN=Ttc16 PE=4 SV=1	7194,369	5517,159	4090,419	7236,736	5935,708	6941,522	2013,914	8447,37
E9Q7C4;F6RN94	21	4	110,9075	0,903459	1,055769	Proline-rich 14-like OS=Mus musculus OX=10090 GN=Prr14l PE=1 SV=1	657,0503	1093,411	1066,8	517,1449	1199,673	825,7124	781,6749	713,3019
P30681;A0A1B0GQX9	45	18	232,1738	0,903486	1,044743	High mobility group protein B2 OS=Mus musculus OX=10090 GN=Hmgb2 PE=1 SV=3	20621,72	17553,66	17762,18	14800,93	25487,13	14591,48	13210,48	18498,69
Q80UW5	13	3	61,6145	0,903495	1,60362	Serine/threonine-protein kinase MRCK gamma OS=Mus musculus OX=10090 GN=Cdc42bpg PE=1 SV=2	157,8286	183,2422	216,1428	177,2969	210,7568	552,6705	359,9098	54,53842
A0A087WPR7	78	6	401,8916	0,904112	1,044766	Dystonin (Fragment) OS=Mus musculus OX=10090 GN=Dst PE=1 SV=1	3342,101	4457,185	2842,327	2431,773	4061,117	3339,724	2739,641	2818,62
Q9DBD2;A0A0N4SV35;A0A0N4SD9;A0A0N4SW32	6	1	26,9546	0,904424	1,089694	E3 ubiquitin-protein ligase MARCHF8 OS=Mus musculus OX=10090 GN=Marchf8 PE=2 SV=1	360,1605	979,888	1131,049	1044,316	666,8253	695,4833	938,5679	1016,798
Q68FD9;D3YTS3	13	4	61,3868	0,904966	1,053981	UPF0606 protein KIAA1549 OS=Mus musculus OX=10090 GN=Kiaa1549 PE=1 SV=3	911,1917	876,7537	1284,924	918,4278	1122,608	792,2309	632,2538	1239,786
P14576;A0A1W2P809;A0A1Y7VJJ0;E9PXC0	43	8	322,7264	0,904992	1,245398	Signal recognition particle 54 kDa protein OS=Mus musculus OX=10090 GN=Srp54 PE=1 SV=2	3274,257	3681,051	3810,231	3849,455	7759,952	3782,301	1943,554	3900,832
Q6PIP5;A0A2K6EDK3	18	3	100,5906	0,905806	1,106764	NudC domain-containing protein 1 OS=Mus musculus OX=10090 GN=Nudcd1 PE=1 SV=2	6003,44	3090,045	2895,55	2921,212	4195,192	3413,374	2631,695	3231,673
P63101;A0A2I3BQ03;D3YXF4;D3YXN6	63	21	344,5522	0,905856	1,050254	14-3-3 protein zeta/delta OS=Mus musculus OX=10090 GN=Ywhaz PE=1 SV=1	26813,08	32298,78	35479,48	24215,63	40053,31	24719,97	27287,33	28268,48
Q8BK64	22	7	166,7475	0,9059	1,051111	Activator of 90 kDa heat shock protein ATPase homolog 1 OS=Mus musculus OX=10090 GN=Ahsa1 PE=1 SV=2	8403,234	8709,769	9036,908	7050,111	10035,16	6209,938	9613,161	7482,574
Q8C1F4	2	1	9,9254	0,906374	1,111492	Chondroitin sulfate N-acetylgalactosaminyltransferase 2 OS=Mus musculus OX=10090 GN=Csgalnact2 PE=2 SV=1	281,2859	166,0822	538,0774	361,1822	214,2044	338,2008	458,7852	427,529
Q5NCC9	3	2	13,903	0,90708	1,144968	E3 ubiquitin-protein ligase TRIM58 OS=Mus musculus OX=10090 GN=Trim58 PE=2 SV=1	1012,643	1181,737	576,8232	450,5136	697,8874	795,6934	841,7501	720,2904
P15532;Q5NC80	50	4	277,534	0,907564	1,073168	Nucleoside diphosphate kinase A OS=Mus musculus OX=10090 GN=Nme1 PE=1 SV=1	6044,433	5171,033	5791,288	3750,526	6917,107	4077,716	5357,398	5250,719
Q8R5C5;E0CYB4;E0CZD4	18	2	160,5669	0,907638	1,102609	Beta-centractin OS=Mus musculus OX=10090 GN=Actr1b PE=1 SV=1	1697,259	1824,416	1907,877	1590,186	2624,983	1814,361	1158,751	1857,159

P35564	87	39	428,0943	0,90907	1,037159	Calnexin OS=Mus musculus OX=10090 GN=Canx PE=1 SV=1	70759,04	53498,08	49464,29	51760,36	52618,06	71096,75	55143,49	55002,17
P09528;A0A494B9D4;A0A494BA9 2;A0A494BAP3	23	4	157,403	0,909862	1,092467	Ferritin heavy chain OS=Mus musculus OX=10090 GN=Fth1 PE=1 SV=2	1623,261	802,489	964,6995	838,86	1211,337	855,9505	1467,77	887,5577
Q3TBW2;A2A715	11	2	93,6568	0,90989	1,045515	39S ribosomal protein L10, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl10 PE=1 SV=2	509,1029	747,3541	830,7883	627,5999	613,3373	650,5953	913,1429	661,3371
Q9WUK2	14	4	93,7006	0,909898	1,038612	Eukaryotic translation initiation factor 4H OS=Mus musculus OX=10090 GN=Eif4h PE=1 SV=3	7581,08	7822,545	8001,007	6124,473	9877,83	6561,834	4721,701	7491,401
Q9DB27	3	1	22,0652	0,910626	1,227746	Malignant T-cell-amplified sequence 1 OS=Mus musculus OX=10090 GN=Mcts1 PE=1 SV=1	19,25262	101,2488	44,72318	98,43826	16,10468	31,10988	119,3654	81,17346
Q8C4J7;F6YAR3	39	8	254,4412	0,910698	1,037721	Transducin beta-like protein 3 OS=Mus musculus OX=10090 GN=Tbl3 PE=2 SV=1	4852,709	4249,019	3935,268	3532,312	3887,909	4371,756	3903,356	3804,003
P02468	8	1	36,5045	0,910788	1,889087	Laminin subunit gamma-1 OS=Mus musculus OX=10090 GN=Lamc1 PE=1 SV=2	1732,653	560,2443	1219,342	812,5105	3154,631	2398,161	86,0405	2530,993
Q8K4B0;E9PX23;F8WHY8	7	1	30,465	0,910841	1,270615	Metastasis-associated protein MTA1 OS=Mus musculus OX=10090 GN=Mta1 PE=1 SV=1	329,6096	111,8303	895,1302	1078,595	287,2361	1723,181	171,0888	887,2396
Q6PCL9;F6THF3;Q8BY05	11	2	60,501	0,911127	1,089847	Poly(A) polymerase gamma OS=Mus musculus OX=10090 GN=Papolg PE=1 SV=1	33,07796	174,8907	395,6332	107,4991	355,3422	88,7207	190,9721	84,89658
Q8VC85	3	1	20,9594	0,911948	1,052618	U6 snRNA-associated Sm-like protein LSm1 OS=Mus musculus OX=10090 GN=Lsm1 PE=1 SV=1	391,4632	341,6656	436,6176	378,9597	464,3619	268,693	376,8045	466,2712
Q9JIK5	102	33	655,3138	0,912027	1,042099	Nucleolar RNA helicase 2 OS=Mus musculus OX=10090 GN=Ddx21 PE=1 SV=3	37061,94	29300,63	27690,42	26181,93	32175,6	33268,55	21408,44	28525,07
Q91YP2	33	1	218,5938	0,912378	1,209185	Neurolysin, mitochondrial OS=Mus musculus OX=10090 GN=Nln PE=1 SV=1	98,49558	156,7971	207,1712	172,1733	246,5502	77,5322	201,029	242,2823
Q923D5	20	4	103,6696	0,912701	1,142615	WW domain-binding protein 11 OS=Mus musculus OX=10090 GN=Wbp11 PE=1 SV=2	625,6444	368,2728	351,7865	737,8603	955,2917	308,6577	299,8547	468,4542
Q9DBG7;F6VF36	44	14	311,5798	0,913107	1,035574	Signal recognition particle receptor subunit alpha OS=Mus musculus OX=10090 GN=Srpra PE=1 SV=1	17587,05	17537,81	13366,06	15176,75	15642,54	17387,1	12982,42	15468,49
Q61584;A0A0G2JEP0;A0A0G2JGL 6;A0A0H2UH27	53	17	387,4385	0,913399	1,045394	Fragile X mental retardation syndrome-related protein 1 OS=Mus musculus OX=10090 GN=Fxr1 PE=1 SV=2	7380,115	4351,106	4521,212	3685,342	5949,012	5385,565	3739,419	4578,34
P18654;A0A338P701;B1AXN9	30	3	178,4361	0,913426	1,072258	Ribosomal protein S6 kinase alpha-3 OS=Mus musculus OX=10090 GN=Rps6ka3 PE=1 SV=2	802,9287	839,0335	710,8385	640,1424	981,5034	862,4475	543,8661	678,5663
B2RW38	18	1	73,0299	0,913512	1,267497	Cilia- and flagella-associated protein 58 OS=Mus musculus OX=10090 GN=Cfap58 PE=1 SV=1	2927,905	2575,313	1939,903	8479,386	5865,44	2004,917	4647,686	3049,161
Q80X81	10	1	59,8382	0,914099	1,028174	Acetyl-Coenzyme A acetyltransferase 3 OS=Mus musculus OX=10090 GN=Acat3 PE=1 SV=1	2450,394	2250,222	1856,692	1844,537	2446,006	2091,872	2138,547	1962,13

Q91WSO	19	6	103,0177	0,914834	1,16271	CDGSH iron-sulfur domain-containing protein 1 OS=Mus musculus OX=10090 GN=Cisd1 PE=1 SV=1	1354,203	1189,478	847,1224	1000,404	996,8815	2127,484	754,9747	1127,88
P17742;A0A1L1SRX5;A0A1L1SST0;S4R1C3	75	34	286,1995	0,914849	1,052034	Peptidyl-prolyl cis-trans isomerase A OS=Mus musculus OX=10090 GN=Ppia PE=1 SV=2	54712,18	56967,1	61045,75	47487,96	72601,55	44797,92	56319,86	57952,29
Q08EC4;A0A0R4J199	12	4	60,8498	0,915093	1,106892	Cas scaffolding protein family member 4 OS=Mus musculus OX=10090 GN=Cass4 PE=1 SV=1	879,2661	901,1416	1079,054	1432,224	801,0501	947,5391	1811,682	1182,757
Q8K2B3;A0A1Y7VJ55	70	15	505,7163	0,915272	1,037484	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial OS=Mus musculus OX=10090 GN=Sdha PE=1 SV=1	30035,84	29884,1	20248,45	25772,55	22530,67	33633,16	20711,54	25308,75
Q64521;A2AQR0	34	4	203,117	0,915584	1,039412	Glycerol-3-phosphate dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Gpd2 PE=1 SV=2	2990,818	2510,111	1678,351	2525,31	1712,983	3077,417	2289,956	2557,267
E9PVZ8;E9QAH1	92	15	500,6838	0,915844	1,049933	Golgi autoantigen, golgin subfamily b, macrogolgin 1 OS=Mus musculus OX=10090 GN=Golgb1 PE=1 SV=1	10713,44	8011,695	8056,838	6861,027	8904,165	7350,808	8570,315	7604,599
Q6PD31;A0A1B0GRL4;A0A1B0GRP1;A0A1B0GRQ7;A0A1B0GRS7;A0A1B0GSQ2;A0A5F8MPD8	34	3	204,488	0,915998	1,067292	Trafficking kinesin-binding protein 1 OS=Mus musculus OX=10090 GN=Trak1 PE=1 SV=1	218,2736	188,658	321,257	218,9517	190,5442	232,3512	234,8864	229,6419
Q99KP6	32	16	205,1336	0,916261	1,038731	Pre-mRNA-processing factor 19 OS=Mus musculus OX=10090 GN=Prpf19 PE=1 SV=1	32642,48	28164,31	24375,17	24326,92	29411,01	32093,96	25219,21	24473,68
Q9CZE3	1	1	4,7429	0,917246	1,131141	Ras-related protein Rab-32 OS=Mus musculus OX=10090 GN=Rab32 PE=1 SV=3	134,6876	76,44152	47,84694	175,2244	56,02884	42,27863	137,9	151,883
Q9CXX8;E9Q109	5	1	27,1203	0,917945	1,036506	60S ribosome subunit biogenesis protein NIP7 homolog OS=Mus musculus OX=10090 GN=Nip7 PE=1 SV=1	729,9914	676,3758	528,8035	811,5443	518,4282	781,6452	653,3815	696,521
P14152;A0A5F8MPN8;B1ATQ3	34	11	263,2943	0,918661	1,041622	Malate dehydrogenase, cytoplasmic OS=Mus musculus OX=10090 GN=Mdh1 PE=1 SV=3	25528,96	26330,36	26676,92	21604,27	32025,55	19782,28	23019,05	24085,43
Q61701;A0A1L1SUG6;A2A9R4;A2A9R5	40	7	299,1472	0,918856	1,06073	ELAV-like protein 4 OS=Mus musculus OX=10090 GN=Elavl4 PE=1 SV=1	13691,72	9762,387	8794,815	8182,35	10315,36	10866,75	9313,247	7760,557
A2ACQ1	1	1	4,9099	0,919125	1,017643	RNA helicase OS=Mus musculus OX=10090 GN=Dhx35 PE=1 SV=1	79,37573	186,3217	30,42927	177,0341	51,30281	142,6833	168,9829	101,9887
Q88286;A0A494BAG6;G5E8J8	53	7	300,9762	0,92026	1,070027	Protein Wiz OS=Mus musculus OX=10090 GN=Wiz PE=1 SV=2	1498,966	1548,009	1441,534	2130,393	1669,763	1199,24	1651,51	1918,013
Q8BUL6	1	1	4,0895	0,920646	1,028272	Pleckstrin homology domain-containing family A member 1 OS=Mus musculus OX=10090 GN=Plekha1 PE=1 SV=1	4848,004	4214,526	3331,81	3927,169	3978,403	5103,115	3289,388	3634,615
P10711;E9PYD5	27	8	220,117	0,920924	1,107149	Transcription elongation factor A protein 1 OS=Mus musculus OX=10090 GN=Tcea1 PE=1 SV=2	9483,667	6906,135	7568,958	5593,008	8445,627	6953,26	5729,2	6351,583
P68037;A0A338P702;A0A338P786;A0A338P7E5	16	7	109,8214	0,921301	1,056869	Ubiquitin-conjugating enzyme E2 L3 OS=Mus musculus OX=10090 GN=Ube2l3 PE=1 SV=1	31869,56	27413,79	26147,11	15880,25	31752,64	22968,01	18144,06	22994,6
Q569Z5;F8WHR6	34	7	201,4697	0,921662	1,025485	Probable ATP-dependent RNA helicase DDX46 OS=Mus musculus OX=10090 GN=Ddx46 PE=1 SV=2	12748,37	11210,63	9974,823	9792,982	9938,033	11880,85	11068,96	10865,48

E9QAF4	9	1	43,1786	0,922512	1,030184	Pleckstrin homology-like domain, family B, member 3 OS=Mus musculus OX=10090 GN=Phldb3 PE=1 SV=1	8750,692	8074,796	6942,975	7794,046	7195,823	9310,21	7140,879	7637,084
E9PZF0;Q01768;Q5NC79	59	9	303,0512	0,922695	1,079953	Nucleoside diphosphate kinase OS=Mus musculus OX=10090 GN=Gm20390 PE=3 SV=1	26401,31	23630,41	24948,81	16682,84	33426,23	18205,75	21876,38	22769,71
P68510	42	6	255,4838	0,923015	1,038364	14-3-3 protein eta OS=Mus musculus OX=10090 GN=Ywhah PE=1 SV=2	6621,036	5712,058	6568,759	3565,658	8808,232	4882,17	3823,648	5091,166
G3X942;Q3TB05	6	1	35,4559	0,923193	1,566478	Polypeptide N-acetylgalactosaminyltransferase OS=Mus musculus OX=10090 GN=Galnt9 PE=1 SV=1	1949,569	164,1887	1678,399	5604,717	1938,849	1577,812	1558,89	1685,814
P05201;F7ALS6	32	11	278,5339	0,923436	1,058604	Aspartate aminotransferase, cytoplasmic OS=Mus musculus OX=10090 GN=Got1 PE=1 SV=3	9383,012	9152,027	9671,605	7279,383	11453,78	6917,411	9782,863	8446,894
Q99104;B8JK05;D3YZ62;D3Z4J3;F6TDE5;F6Z2S4	83	9	496,3058	0,9237	1,0903	Unconventional myosin-Va OS=Mus musculus OX=10090 GN=Myo5a PE=1 SV=2	10496,46	8601,284	8310,357	4791,959	9852	6548,199	5670,47	7462,546
Q9JMJ2	2	1	10,6641	0,923738	1,051272	F-box/WD repeat-containing protein 4 OS=Mus musculus OX=10090 GN=Fbxw4 PE=1 SV=1	2772,561	4005,537	4075,288	3189,683	5208,012	2796,831	3399,692	3237,12
Q9D6U8	13	7	74,1294	0,924854	1,080805	Protein FAM162A OS=Mus musculus OX=10090 GN=Fam162a PE=1 SV=1	17578,08	13717,6	12924,74	8638,924	15165,13	11751,54	10837,64	11153,07
Q3TIV5	6	1	31,7779	0,924979	1,061455	Zinc finger CCCH domain-containing protein 15 OS=Mus musculus OX=10090 GN=Zc3h15 PE=1 SV=2	560,228	547,1325	803,9755	366,0372	781,0011	530,4337	593,365	512,5299
Q3UIZ8;D3YZQ0;D3Z630	8	2	42,3515	0,925012	1,098003	Myosin light chain kinase 3 OS=Mus musculus OX=10090 GN=Mylik3 PE=1 SV=1	741,8661	1008,671	501,4624	854,2891	934,6794	785,0357	800,3296	475,4534
Q61598;A0A1Y7VL99;A0A1Y7VLG4	65	20	469,1303	0,925709	1,032148	Rab GDP dissociation inhibitor beta OS=Mus musculus OX=10090 GN=Gdi2 PE=1 SV=1	32442,39	30004,42	31559,26	28656,59	37714,77	25939,9	28844,66	30913,09
P40336	16	2	103,8823	0,925864	1,03464	Vacuolar protein sorting-associated protein 26A OS=Mus musculus OX=10090 GN=Vps26a PE=1 SV=1	2325,723	2298,486	1986,416	1592,294	2169,934	2139,865	1783,465	2289,522
P63280;G3UYP0;Q8CFZ0	11	3	56,4433	0,926844	1,167197	SUMO-conjugating enzyme UBC9 OS=Mus musculus OX=10090 GN=Ube2i PE=1 SV=1	52,48446	81,08791	110,0935	75,2807	43,03353	51,3288	91,21939	186,6918
Q9CPY7	42	8	320,3191	0,92722	1,055339	Cytosol aminopeptidase OS=Mus musculus OX=10090 GN=Lap3 PE=1 SV=3	18665,22	15327,28	16973,71	11851,6	18537,73	16152,62	12550,48	13712,6
Q91WM2	3	1	13,7958	0,927588	1,235703	Haloacid dehalogenase-like hydrolase domain-containing 5 OS=Mus musculus OX=10090 GN=Hdh5 PE=1 SV=1	316,2149	156,2942	92,66984	0	92,61434	205,2902	180,993	0
Q8CH18	23	4	122,6974	0,927647	1,036929	Cell division cycle and apoptosis regulator protein 1 OS=Mus musculus OX=10090 GN=Ccar1 PE=1 SV=1	2088,961	1598,993	1510,484	1452,846	1647,775	1906,191	1449,713	1705,297
P63038;D3Z2F2;D3Z7J9	154	80	848,7977	0,927696	1,085791	60 kDa heat shock protein, mitochondrial OS=Mus musculus OX=10090 GN=Hspd1 PE=1 SV=1	138957,6	104774,6	80004,33	71861,34	99555,62	127186,9	69945,3	107724,2
Q5XJY5	45	11	302,393	0,928112	1,06477	Coatomer subunit delta OS=Mus musculus OX=10090 GN=Arcn1 PE=1 SV=2	10660,02	6865,721	7632,975	5083,912	9754,407	7057,342	6933,521	6902,833

Q9QUR6	50	8	312,757	0,92816	1,025201	Prolyl endopeptidase OS=Mus musculus OX=10090 GN=Prep PE=1 SV=1	6553,429	6647,344	6756,093	5264,158	8605,731	4645,371	5099,026	6439,445
Q9CQX8;Q9D6T9	8	4	64,6408	0,928586	1,033362	Alpha-ketoglutarate dehydrogenase component 4 OS=Mus musculus OX=10090 GN=Mrps36 PE=1 SV=1	13270,95	11709,25	10400,55	11306,25	11029	14165,17	11562,52	10540,51
G3X9I4	8	1	40,9006	0,929548	1,108728	Aly/REF export factor 2 OS=Mus musculus OX=10090 GN=Alyref2 PE=1 SV=1	1256,387	1696,957	917,7836	809,0819	1324,481	967,0706	1527,308	750,2922
E9PX68;E9Q1Q0;E9Q585	8	1	36,4243	0,929714	1,055772	Solute carrier family 4 (anion exchanger), member 1, adaptor protein OS=Mus musculus OX=10090 GN=Slc4a1ap PE=1 SV=1	8593,615	10319,04	7271,44	3487,029	9360,801	7084,081	5739,132	6138,356
Q8CJ67;D3Z461;D3Z6D2;E2QRQ3	10	1	44,42	0,929927	3,176141	Double-stranded RNA-binding protein Staufin homolog 2 OS=Mus musculus OX=10090 GN=Stau2 PE=1 SV=1	0	228,7059	46,94904	57,22672	25,23591	26,63689	32,95315	19,98103
Q3ULZ2	9	1	45,4649	0,930489	1,373873	FH2 domain-containing protein 1 OS=Mus musculus OX=10090 GN=Fhdc1 PE=1 SV=3	2771,747	2500,388	1334,774	1771,483	1585,013	2043,07	6378,936	1252,025
Q9DBJ3	8	2	39,3263	0,930838	1,133253	Brain-specific angiogenesis inhibitor 1- associated protein 2-like protein 1 OS=Mus musculus OX=10090 GN=Baiap2l1 PE=1 SV=1	483,0525	523,4162	506,4668	651,2533	361,8046	668,5571	403,829	897,4402
Q9D1H8	5	1	34,3778	0,931159	1,0836	39S ribosomal protein L53, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl53 PE=1 SV=1	1803,861	1584,533	2194,035	1998,985	1688,714	1787,183	2923,655	1405,755
P62743;A0A0U1RPS0;A0A0U1RQ 06	9	4	57,8372	0,93125	1,022936	AP-2 complex subunit sigma OS=Mus musculus OX=10090 GN=Ap2s1 PE=1 SV=1	6198,922	5277,134	3809,038	4483,081	5389,117	4793,236	5100,812	4938,407
Q60749;A0A087WR32	27	16	136,1282	0,931321	1,048803	KH domain-containing, RNA-binding, signal transduction-associated protein 1 OS=Mus musculus OX=10090 GN=Khdrbs1 PE=1 SV=2	18959,96	15174,6	11751,56	14781,43	12828,29	17705,11	12830,62	14959,84
O89091;A0A2I3BRS7	7	2	33,4421	0,93141	1,05379	Krueppel-like factor 10 OS=Mus musculus OX=10090 GN=Klf10 PE=1 SV=1	391,2948	339,231	365,5621	287,6179	383,6729	194,9048	496,9595	269,0689
Q3TA68;Q3TAQ9	43	4	263,6765	0,932717	1,02759	WD repeat domain 36 OS=Mus musculus OX=10090 GN=Wdr36 PE=1 SV=1	1781,457	1381,069	1197,085	1641,304	1440,162	1746,949	1307,639	1462,118
P11370	20	1	137,4888	0,932722	1,031162	Retrovirus-related Env polyprotein from Fv-4 locus OS=Mus musculus OX=10090 GN=Fv4 PE=1 SV=2	2001,65	1570,101	1207,611	1418,639	1469,602	1948,204	1440,681	1532,658
O70166	1	1	10,4922	0,933234	1,286281	Stathmin-3 OS=Mus musculus OX=10090 GN=Stmn3 PE=1 SV=1	1679,773	588,4073	853,7977	1103,422	2028,06	2037,104	680,2568	184,5635
Q61985;A2A6D2	2	1	9,6668	0,933238	1,177197	Endoplasmic reticulum membrane sensor NFE2L1 OS=Mus musculus OX=10090 GN=Nfe2l1 PE=1 SV=2	2248,057	1103,876	2062,302	1201,754	2054,684	1875,341	1281,38	1160,555
Q3TKY6;D3Z2U3	11	2	74,1435	0,933375	1,062119	Spliceosome-associated protein CWC27 homolog OS=Mus musculus OX=10090 GN=Cwc27 PE=1 SV=1	565,3634	667,4843	664,1227	445,9216	409,0529	629,0178	644,8823	522,9125
Q9QY76;Q8BH80	21	3	163,5098	0,933574	1,061471	Vesicle-associated membrane protein- associated protein B OS=Mus musculus OX=10090 GN=Vapb PE=1 SV=3	30760,35	23666,38	18203	20029,25	23204,42	27658,96	18680,87	21130,2

Q9ESX5;A2AN81;B7ZCL7;F6S1S5;F6YUI5	36	10	298,223	0,934186	1,051011	H/ACA ribonucleoprotein complex subunit DKC1 OS=Mus musculus OX=10090 GN=Dkc1 PE=1 SV=4	9935,11	6407,797	6584,154	8174,154	7536,416	8879,346	5385,459	7992,754
Q80YR7	8	1	48,7693	0,934628	5,477425	Claspin OS=Mus musculus OX=10090 GN=Clspn PE=1 SV=2	0	299,2269	17,41062	56,43584	0	5,235025	605,4628	19,98779
Q5NCM5;J3QNT7;Q5NCM6	6	1	32,3051	0,934973	1,118566	Epsin-2 OS=Mus musculus OX=10090 GN=Epn2 PE=1 SV=1	4278,421	12565,61	11227,92	7897,286	11526,26	9141,173	5788,912	6899,183
A2RSJ4;Q8C318	3	1	14,2036	0,935246	1,149606	UHRF1-binding protein 1-like OS=Mus musculus OX=10090 GN=Uhrf1bp1 PE=1 SV=2	3701,493	3233,311	3084,554	2070,395	4389,77	3690,291	4834,857	983,5396
Q99LC2	8	1	44,0238	0,935286	1,064515	Cleavage stimulation factor subunit 1 OS=Mus musculus OX=10090 GN=Cstf1 PE=1 SV=1	9734,925	5662,891	7808,21	5768,576	7886,354	5791,204	7808,139	5812,79
Q61166	26	6	201,4875	0,935409	1,057249	Microtubule-associated protein RP/EB family member 1 OS=Mus musculus OX=10090 GN=Mapre1 PE=1 SV=3	5319,574	4845,355	3536,565	4283,972	4925,33	4865,307	5243,113	3208,255
P35282	16	3	105,8795	0,935839	1,039932	Ras-related protein Rab-21 OS=Mus musculus OX=10090 GN=Rab21 PE=1 SV=4	1362,451	1924,191	1699,2	1195,405	1691,33	1999,238	1050,579	1619,948
Q2TBE6;A0A494BBQ4	9	2	44,1805	0,936287	1,082132	Phosphatidylinositol 4-kinase type 2-alpha OS=Mus musculus OX=10090 GN=Pi4k2a PE=1 SV=1	472,2566	526,0078	446,2629	625,1824	578,2139	524,9582	588,7373	450,2229
Q9Z1Z0;A0A0J9YUG0	47	13	312,7528	0,936526	1,045552	General vesicular transport factor p115 OS=Mus musculus OX=10090 GN=Uso1 PE=1 SV=2	6362,656	4121,237	4793,556	3416,084	5480,608	4970,76	4171,349	4361,688
Q9CQ65	20	3	150,1682	0,936674	1,063657	S-methyl-5'-thioadenosine phosphorylase OS=Mus musculus OX=10090 GN=Mtap PE=1 SV=1	149,5488	141,203	272,6264	168,6765	210,1287	114,9136	118,7146	250,7153
Q99K85;E9Q6P1;Q3U6K9	35	16	257,2813	0,937063	1,034874	Phosphoserine aminotransferase OS=Mus musculus OX=10090 GN=Psat1 PE=1 SV=1	23272,51	21361,08	19127,92	15259,73	25976,58	17139,8	15401,36	17840,56
Q03265;A7TZE6;D3Z6F5;D6RJ16	133	56	691,3579	0,937375	1,054964	ATP synthase subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=Atp5f1a PE=1 SV=1	65725,33	65371,39	43995,23	63060,39	61235,31	81644,21	51474,69	53350,27
P50580	38	9	240,8442	0,937881	1,056223	Proliferation-associated protein 2G4 OS=Mus musculus OX=10090 GN=Pa2g4 PE=1 SV=3	8876,959	10039,88	11547,27	7590,089	12568,41	9370,444	7585,35	9577,348
Q8BXV2;A0A0G2JGE0	4	1	27,6134	0,938347	1,045526	BRI3-binding protein OS=Mus musculus OX=10090 GN=Bri3bp PE=1 SV=1	4077,709	3569,225	2941,475	1737,177	4014,042	2754,37	2635,345	3340,279
Q9R100;A2AKS7 Q02819;A0A1B0GR41;A0A1B0GR 92;A0A1B0GS16;A0A1B0GT83;A0 A1C7CYU3	2	1	8,9336	0,938651	1,08165	Cadherin-17 OS=Mus musculus OX=10090 GN=Cdh17 PE=1 SV=1	261,407	744,2099	646,1006	475,44	829,644	470,1837	395,3912	271,3675
Q62448;F7CBP1;G3XA17	38	9	265,3567	0,938697	1,033835	Nucleobindin-1 OS=Mus musculus OX=10090 GN=Nucb1 PE=1 SV=2	8388,638	7459,209	6009,765	8290,704	7785,662	7430,959	7146,596	7754,79
Q9EPJ9;Q3TGS9;V9GWW1;V9GX M1	58	9	326,2326	0,938919	1,046357	Eukaryotic translation initiation factor 4 gamma 2 OS=Mus musculus OX=10090 GN=Eif4g2 PE=1 SV=2	7706,317	4513,477	5946,436	5980,892	6880,805	5363,376	7879,343	5142,987
	4	1	18,3411	0,940653	1,209276	ADP-ribosylation factor GTPase-activating protein 1 OS=Mus musculus OX=10090 GN=Arfgap1 PE=1 SV=2	387,8019	614,9279	727,0365	406,2462	721,6262	651,9077	558,2225	328,9049

P46096	15	1	82,3067	0,941362	3,746004	Synaptotagmin-1 OS=Mus musculus OX=10090 GN=Syt1 PE=1 SV=1	0,604424	20,80642	3,904752	118,8001	10,60494	17,71403	165,0196	0
Q501J7	2	1	8,1411	0,941966	6,609639	Phosphatase and actin regulator 4 OS=Mus musculus OX=10090 GN=Phactr4 PE=1 SV=2	25,58308	51,44065	64,39675	0	725,7866	27,83432	37,66449	0
P13542	10	2	42,2172	0,942356	1,182788	Myosin-8 OS=Mus musculus OX=10090 GN=Myh8 PE=2 SV=2	1446,632	568,9026	514,6385	502,9172	807,5732	713,2752	624,4882	419,0203
O08529	10	3	59,8092	0,943068	1,130771	Calpain-2 catalytic subunit OS=Mus musculus OX=10090 GN=Capn2 PE=1 SV=4	353,5737	411,583	708,1676	230,2091	638,2324	355,5498	479,4837	348,9265
E9PWEO;E0CYVO;F6TXE3;F6V9F1;F7D432;P23506	11	1	83,2554	0,943304	1,08614	Protein-L-isoaspartate O-methyltransferase OS=Mus musculus OX=10090 GN=Pcmt1 PE=1 SV=1	3625,924	7467,206	8083,457	6236,625	8153,953	4611,104	5596,085	5036,579
Q5SQM0	60	12	336,571	0,943322	1,0693	Echinoderm microtubule-associated protein-like 6 OS=Mus musculus OX=10090 GN=Eml6 PE=2 SV=1	1658,29	1105,868	2025,126	1500,084	1901,484	1386,133	1651,052	1210,147
P35700;B1AXW4;B1AXW5;B1AXW6	46	20	255,5976	0,943763	1,029695	Peroxiredoxin-1 OS=Mus musculus OX=10090 GN=Prdx1 PE=1 SV=1	71603,21	63257,55	62408,27	53493,83	76319,19	54572,25	58650,06	61026,17
Q4FZF3	4	2	20,9817	0,943769	1,012374	Probable ATP-dependent RNA helicase DDX49 OS=Mus musculus OX=10090 GN=Ddx49 PE=2 SV=1	759,1368	1675,195	876,8719	604,1569	947,8869	1095,691	1060,746	768,6784
P99029;A0A494BAZ4;G3UZJ4;H3BJQ7	14	8	130,9159	0,94401	1,033344	Peroxiredoxin-5, mitochondrial OS=Mus musculus OX=10090 GN=Prdx5 PE=1 SV=2	3353,281	3337,624	2737,441	3233,444	2338,389	4293,347	2907,94	3194,807
P49722;Q8BKE0	18	7	120,0471	0,944112	1,028654	Proteasome subunit alpha type-2 OS=Mus musculus OX=10090 GN=Psm2 PE=1 SV=3	8791,726	9694,64	11524,77	7214,007	12165,09	8473,818	8513,567	8092,554
P54103;E9Q9H2;E9Q9H3;Q3TRX6	35	3	216,3654	0,944331	1,142161	DnaJ homolog subfamily C member 2 OS=Mus musculus OX=10090 GN=Dnajc2 PE=1 SV=2	4451,098	3810,944	4067,412	5857,072	4361,885	3396,462	8852,442	4076,989
Q922J9;D3Z4N9;D3Z5W6	10	1	74,8288	0,94464	1,040157	Fatty acyl-CoA reductase 1 OS=Mus musculus OX=10090 GN=Far1 PE=1 SV=1	10983,01	11784,55	9245,499	11623,15	13002,08	10790,29	9849,258	10427,32
Q3TPJ8;A2BFF5;A2BFF9	24	1	166,9822	0,945013	5,123411	Cytoplasmic dynein 1 intermediate chain 2 OS=Mus musculus OX=10090 GN=Dync1i2 PE=1 SV=1	86,52395	25,61531	145,5247	247,4484	2,488217	81,11146	1163,767	203,6033
Q9ER72	42	5	246,227	0,945302	1,032843	Cysteine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Cars1 PE=1 SV=2	15745,61	12327,88	13002,7	5243,015	14938,46	12363,1	6308,218	11236,52
Q0VGT3	29	2	193,8368	0,945342	1,213634	Pogo transposable element with ZNF domain OS=Mus musculus OX=10090 GN=Pogz PE=1 SV=1	123,2348	102,1311	112,5337	480,775	83,74461	138,276	261,5244	336,4137
Q9CQF3;A0A1D5RSL2;A0A1D5RLT7	15	3	104,57	0,945491	1,362317	Cleavage and polyadenylation specificity factor subunit 5 OS=Mus musculus OX=10090 GN=Nudt21 PE=1 SV=1	319,0935	295,537	370,2212	535,5141	265,4643	210,9911	1132,999	461,7663
P61021	13	1	84,282	0,945921	1,0475	Ras-related protein Rab-5B OS=Mus musculus OX=10090 GN=Rab5b PE=1 SV=1	356,4228	326,514	292,6103	327,9737	302,6531	289,3856	453,8022	278,0773
P28667	15	9	97,8222	0,946039	1,056206	MARCKS-related protein OS=Mus musculus OX=10090 GN=Marcks1 PE=1 SV=2	9542,871	7621,415	7899,84	6003,057	7997,465	7728,582	6765,968	7789,177
P19246	53	4	283,9512	0,946316	1,030562	Neurofilament heavy polypeptide OS=Mus musculus OX=10090 GN=Nefh PE=1 SV=3	3083,956	3011,957	2573,392	2869,406	3224,746	3123,076	2306,844	2992,784
Q6PR54;A0A2I3BQ21;A0A2I3BQI4;A0A2I3BRD9	56	8	267,094	0,946324	1,221523	Telomere-associated protein RIF1 OS=Mus musculus OX=10090 GN=Rif1 PE=1 SV=2	3788,826	2834,728	1990,482	951,8302	2475,981	3333,249	1741,359	950,2179

Q91ZJ5	18	1	116,1521	0,946452	1,043538	UTP--glucose-1-phosphate uridylyltransferase OS=Mus musculus OX=10090 GN=Ugp2 PE=1 SV=3	2968,585	4728,579	4107,128	4171,546	4267,792	3718,267	4021,148	3459,997
A0A0G2JDN3;A0A0G2JDF1	8	1	53,5775	0,946459	1,4113	Serrate RNA effector molecule homolog OS=Mus musculus OX=10090 GN=Srrt PE=1 SV=1	8,379145	7,300894	108,5963	70,32628	6,154532	11,64406	41,71635	131,0233
P61971	8	5	47,1518	0,946508	1,068797	Nuclear transport factor 2 OS=Mus musculus OX=10090 GN=Nutf2 PE=1 SV=1	9722,985	9849,132	11972,24	7470,262	14693,43	7666,392	9980,764	9026,666
O35129;F6Q8V7;F6QPR1	63	30	375,941	0,946531	1,03107	Prohibitin-2 OS=Mus musculus OX=10090 GN=Phb2 PE=1 SV=1	42294,02	35431,66	31472,21	33277,14	29387,94	46059,15	34255,94	33699,39
Q3TLP8;A0A2R8VHH0;P63001	16	6	100,9633	0,946601	1,02743	Ras-related C3 botulinum toxin substrate 1 OS=Mus musculus OX=10090 GN=Rac1 PE=1 SV=1	6921,515	7217,635	6998,136	6351,963	8605,009	6455,813	6313,89	6868,577
Q8BLN6;A0A1D5RLV3	5	1	33,2613	0,947352	1,451554	Protein unc-80 homolog OS=Mus musculus OX=10090 GN=Unc80 PE=1 SV=3	2147,647	416,4328	1184,591	4138,527	1759,625	1114,137	1619,435	1752,145
Q9D1N9	10	4	63,4752	0,947417	1,050329	39S ribosomal protein L21, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl21 PE=1 SV=1	3817,232	2996	2483,73	2803,95	2599,247	4048,742	2773,628	2417,387
Q3TNX8;E9PV91	10	1	47,9496	0,947686	1,055241	A disintegrin and metalloproteinase with thrombospondin motifs 4 OS=Mus musculus OX=10090 GN=Adamts4 PE=1 SV=1	25832,28	30378,27	45821,32	22435,57	42709,38	24124,67	30383,69	20733,97
B9EJA2;D3Z1E3;D3Z551	8	2	46,5001	0,947924	1,368812	Cortactin-binding protein 2 OS=Mus musculus OX=10090 GN=Cttnbp2 PE=1 SV=2	2039,436	830,0905	516,2934	4641,538	2233,63	1067,304	668,1917	2337,016
Q8K224	58	11	369,1877	0,948207	1,06091	RNA cytidine acetyltransferase OS=Mus musculus OX=10090 GN=Nat10 PE=1 SV=1	15432,55	14223	10990,26	8794,121	11243,01	14871,7	14783,82	9481,694
P61027	24	4	152,9073	0,948616	1,053983	Ras-related protein Rab-10 OS=Mus musculus OX=10090 GN=Rab10 PE=1 SV=1	3283,12	3639,137	2678,795	2755,282	3686,168	3711,799	2605,733	2440,103
Q9CQB5;D3Z3X4	7	3	45,0442	0,949166	1,027651	CDGSH iron-sulfur domain-containing protein 2 OS=Mus musculus OX=10090 GN=Cisd2 PE=1 SV=1	3679,183	3153,803	2468,172	2900,468	3320,57	3511,061	2972,358	2659,43
F6SBR5;D3YU89;D3Z1U0;E9QL53;P49025	4	1	18,1364	0,949468	1,194127	Citron Rho-interacting kinase OS=Mus musculus OX=10090 GN=Cit PE=1 SV=2	4723,374	811,3939	3764,486	3852,327	3442,044	1972,986	2669,464	2929,056
P39053;A0A0J9YUE9;A0A0J9YUN4;D6RH60;F6RRH9;F6TH70;F6W8Z8;G3UXX2	51	7	328,2319	0,949737	1,056962	Dynamamin-1 OS=Mus musculus OX=10090 GN=Dnm1 PE=1 SV=2	3090,11	4560,174	2724,298	3487,538	2896,641	3897,876	3271,539	3841,486
Q921T2;D3YXF8;E9PWW2;J3QQ40;Q3UE61	20	4	127,3628	0,949788	1,163151	Torsin-1A-interacting protein 1 OS=Mus musculus OX=10090 GN=Tor1aip1 PE=1 SV=3	2009,402	1517,465	1291,534	587,4655	1594,272	1666,23	650,9785	954,2365
P62806	98	55	317,3498	0,950119	1,019855	Histone H4 OS=Mus musculus OX=10090 GN=H4f16 PE=1 SV=2	555235,1	494166,6	450688,3	516578,4	470836,2	570155,1	472497	516793,6
P12961	8	4	32,0568	0,95012	1,123296	Neuroendocrine protein 7B2 OS=Mus musculus OX=10090 GN=Scg5 PE=1 SV=1	646,1283	465,5625	690,3019	471,3323	464,1796	639,6663	812,5695	552,246
P45952;D6RFD7	9	2	48,0091	0,950526	1,064001	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Acadm PE=1 SV=1	16175,57	11951,87	11165,64	12306,8	10946,84	19100,61	11281,11	12746,32



						Eukaryotic translation initiation factor 3 subunit I OS=Mus musculus OX=10090 GN=Eif3i PE=1 SV=1	8158,623	4981,19	7666,787	3695,531	8881,961	4085,165	4304,206	5761,399
Q9QZD9;A2AE03	23	7	154,6187	0,950592	1,063796									
Q8CGF7;A0A494B9W7;A0A494BA28	38	8	212,8595	0,950722	1,037575	Transcription elongation regulator 1 OS=Mus musculus OX=10090 GN=Tcerg1 PE=1 SV=2	5939,944	5140,648	3732,459	3960,547	5358,944	4968,561	4044,012	4458,857
E9Q6M3	2	1	10,8896	0,950964	1,018139	Zinc finger protein 995 OS=Mus musculus OX=10090 GN=Zfp995 PE=4 SV=1	1509,634	951,3042	711,7371	1190,087	752,2869	1258,342	1245,703	1154,185
Q80VM7	19	1	119,9191	0,951115	1,097144	Ankyrin repeat domain-containing protein 24 OS=Mus musculus OX=10090 GN=Ankrd24 PE=2 SV=4	101,2531	144,4441	210,709	220,0975	279,3499	48,76267	136,7925	249,1418
Q8BGT6;A0A2R8W6G4	7	1	32,4318	0,951411	3,450925	MICAL-like protein 1 OS=Mus musculus OX=10090 GN=Micall1 PE=1 SV=3	62,97045	91,46135	13,9265	59,28228	0	277,3926	128,6598	80,92283
Q9JMA1;E9PYI8	34	8	208,6966	0,951893	1,034971	Ubiquitin carboxyl-terminal hydrolase 14 OS=Mus musculus OX=10090 GN=Usp14 PE=1 SV=3	5812,518	5502,337	4833,021	3851,598	5306,554	4844,955	4520,61	4697,883
F6XZJ7;H9H9T8	6	1	22,4562	0,952015	1,020021	Sterile alpha motif domain-containing protein 15 OS=Mus musculus OX=10090 GN=Samd15 PE=4 SV=2	626,975	485,873	638,695	516,963	811,0878	666,1439	402,6272	434,0649
Q88507;A2AMR7	1	1	11,5016	0,952286	1,279223	Ciliary neurotrophic factor receptor subunit alpha OS=Mus musculus OX=10090 GN=Cntfr PE=1 SV=2	173,8927	538,5521	204,9887	831,2263	214,5784	462,8869	374,5572	314,9482
Q9EPU4;A0A2R8VK76	17	4	93,8456	0,952763	1,20479	Cleavage and polyadenylation specificity factor subunit 1 OS=Mus musculus OX=10090 GN=Cpsf1 PE=1 SV=1	1704,471	418,6351	973,9158	289,6944	1249,266	586,0744	662,6523	313,0497
Q91WQ3;A2A7S7;F6VXZ2	56	17	377,9524	0,953165	1,019721	Tyrosine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Yars1 PE=1 SV=3	7841,702	7708,923	5454,56	5826,565	7881,312	5640,349	6507,884	7194,945
A0A494BB11	12	1	63,7984	0,953224	1,029561	Protein disulfide-isomerase TMX3 OS=Mus musculus OX=10090 GN=Tmx3 PE=1 SV=1	4194,698	3681,519	2781,799	3203,422	3363,834	4360,851	2487,959	3250,799
Q8BXZ1	20	2	124,3894	0,953224	1,029561	Protein disulfide-isomerase TMX3 OS=Mus musculus OX=10090 GN=Tmx3 PE=1 SV=2	3403,919	2987,483	2257,377	2599,516	2729,688	3538,749	2018,932	2637,962
Q60899;B1AXZ0;B1AXZ4;B1AXZ5;B1AXZ6;H3BLG7;Q3UR02;Q80UJ0;Q80Y51	36	5	295,1021	0,953356	1,031522	ELAV-like protein 2 OS=Mus musculus OX=10090 GN=Elavl2 PE=1 SV=1	14276,58	11098,66	9755,136	9270,742	11983,99	12528,95	10403,46	9969,103
Q88952	5	1	20,5997	0,953731	1,268418	Protein lin-7 homolog C OS=Mus musculus OX=10090 GN=Lin7c PE=1 SV=2	279,7018	188,1958	90,21063	226,2057	51,71388	250,8413	337,1937	355,0888
P09103;E9Q8G8	125	58	692,9976	0,953923	1,021136	Protein disulfide-isomerase OS=Mus musculus OX=10090 GN=P4hb PE=1 SV=2	71364,26	55033,7	54375,23	53958,08	56341,56	67828,3	59146,24	55146,22
Q54824	6	1	32,2354	0,953933	1,059074	Pro-interleukin-16 OS=Mus musculus OX=10090 GN=Il16 PE=1 SV=3	1284,219	2121,793	2377,588	1998,973	2382,839	1495,941	1992,96	1476,729
Q8VD75;A0A0J9YUA3;A0A1D5RMM7	33	1	210,597	0,953959	1,078135	Huntingtin-interacting protein 1 OS=Mus musculus OX=10090 GN=Hip1 PE=1 SV=2	922,7387	458,6883	762,9738	751,8512	605,138	843,1507	648,0665	937,1497
Q35643;Q5SVG4;Q5SVG5	53	10	367,0277	0,954323	1,035141	AP-1 complex subunit beta-1 OS=Mus musculus OX=10090 GN=Ap1b1 PE=1 SV=2	3251,319	3503,9	3594,256	4629,276	2380,521	3545,085	5923,807	3573,341
P0DP26;A0A3Q4EHJ0;G3UX57;P0DP27;P0DP28	38	9	189,6823	0,954427	1,057575	Calmodulin-1 OS=Mus musculus OX=10090 GN=Calm1 PE=1 SV=1	9928,571	12365,16	17971,63	13160,45	17444,48	11031,77	13544,7	14285,42

A2A5N3	29	1	189,7829	0,954806	1,024038	Polyadenylate-binding protein OS=Mus musculus OX=10090 GN=Pabpc1 PE=2 SV=1	314,2105	308,6122	352,6453	281,4198	297,1574	344,9983	318,3799	308,318
P62962;J3QMC2;Q5SX49 Q99JY9;A0A087WP86;A0A087W Q14;A0A087WQ83;A0A087WRA1 ;A0A087WS98	29	16	192,7707	0,955044	1,082825	Profilin-1 OS=Mus musculus OX=10090 GN=Pfn1 PE=1 SV=2	18923,07	20950,74	27006,97	17748,32	33949,56	19879,84	17739,82	17931,8
Q8K411	27	8	255,3833	0,955083	1,030147	Actin-related protein 3 OS=Mus musculus OX=10090 GN=Actr3 PE=1 SV=3	6752,402	7204,403	7256,315	6356,476	8806,487	6831,57	6432,3	6330,381
Q9D0G0 Q3UMC0;A0A0A0MQ80;A0A0G2J FY0	82	25	549,6943	0,955319	1,015584	Presequence protease, mitochondrial OS=Mus musculus OX=10090 GN=Ptrm1 PE=1 SV=1	22394,42	29509,29	21639,99	27843,39	22992,16	32200,62	16526,01	28112,56
Q62351;Q8C872	22	5	177,5538	0,95563	1,103971	28S ribosomal protein S30, mitochondrial OS=Mus musculus OX=10090 GN=Mrps30 PE=1 SV=1	2249,383	2298,917	1812,379	2365,23	1239,371	2897,505	2925,103	2277,322
Q9JJZ2	34	3	184,519	0,955739	1,121751	ATPase family protein 2 homolog OS=Mus musculus OX=10090 GN=Spata5 PE=1 SV=2	2395,41	1727	1521,133	972,711	1809,463	1286,761	2683,067	1041,185
Q499D5;A0A0U1RPI4	54	15	384,7277	0,956026	1,034095	Transferrin receptor protein 1 OS=Mus musculus OX=10090 GN=Tfrc PE=1 SV=1	13743,17	11186,42	8909,702	9953,547	12224,26	11291,34	8846,372	9986,998
A0A1Y7VK25	75	2	330,6335	0,956514	1,020372	Tubulin alpha-8 chain OS=Mus musculus OX=10090 GN=Tuba8 PE=1 SV=1	1464,466	1494,479	1509,492	1285,489	1811,199	1276,432	1344,074	1265,22
Q9CP55;Q3TG45;Q9CX56	3	1	14,5921	0,956538	1,025372	Zinc finger protein 235 OS=Mus musculus OX=10090 GN=Zfp235 PE=2 SV=1	178,9988	381,2793	428,9359	411,5371	308,4248	237,1036	483,8005	400,8703
E9PX29;E9PZC2;Q91ZE6	1	1	5,5379	0,957116	1,033734	Kinase D-interacting substrate 220 (Fragment) OS=Mus musculus OX=10090 GN=Kidins220 PE=1 SV=1	14795,99	11172,67	10137,24	10304,84	12217,57	10937,69	9538,839	12602,13
A2ACM0;Q8K4Q0	5	3	35,378	0,95874	1,035134	26S proteasome non-ATPase regulatory subunit 8 OS=Mus musculus OX=10090 GN=Psm8 PE=1 SV=2	1975,198	1708,906	1625,694	1477,889	2138,435	1419,563	1647,814	1700,203
Q80XN0;D3Z2Y8	168	20	1168,796	0,958839	1,03804	Spectrin beta chain OS=Mus musculus OX=10090 GN=Sptbn4 PE=1 SV=1	15279,11	8488,259	7610,957	6864,331	12480,6	8354,815	9090,941	8649,151
P05202	2	2	9,5656	0,959294	1,027394	Regulatory-associated protein of mTOR OS=Mus musculus OX=10090 GN=Rptor PE=1 SV=1	892,0937	946,3731	990,9958	1117,216	803,1296	1268,327	998,8757	978,6662
Q6ZQ38;D3YWCS	25	8	184,9152	0,95958	1,044764	D-beta-hydroxybutyrate dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Bdh1 PE=1 SV=2	19002,63	19701,58	13274,43	14936,6	16040,94	22459,86	14133,02	14213,35
E9Q7G1;D3YZZ5	114	49	538,7741	0,959683	1,055262	Aspartate aminotransferase, mitochondrial OS=Mus musculus OX=10090 GN=Got2 PE=1 SV=1	57152,21	55130,9	32954,23	46514,46	43620,58	61302,01	38902,67	40489,9
Q9DCT8;A0A0G2JF37	72	21	496,5668	0,960034	1,025359	Cullin-associated NEDD8-dissociated protein 1 OS=Mus musculus OX=10090 GN=Cand1 PE=1 SV=2	10075,72	10707,1	10021,8	7706,311	12920,58	8736,85	7655,548	9756,548
	10	1	55,0806	0,960261	1,0448	Transmembrane p24-trafficking protein 7 OS=Mus musculus OX=10090 GN=Tmed7 PE=1 SV=1	2671,398	1492,442	2607,855	2586,263	2128,211	1188,014	4548,449	1912,518
	18	10	101,6761	0,960453	1,045456	Cysteine-rich protein 2 OS=Mus musculus OX=10090 GN=Crip2 PE=1 SV=1	16140,38	11327,36	8789,095	7412,105	15312,73	10218,17	7277,329	12845,73

P29758 D3YUW7;AOA0G2JEK8;AOA0G2JF G0;AOA5F8MPT6;E9QMC1;P5924 2	30	10	197,6468	0,960648	1,048405	Ornithine aminotransferase, mitochondrial OS=Mus musculus OX=10090 GN=Oat PE=1 SV=1	12126,12	8634,098	6648,264	8062,171	7562,015	11014,24	7925,477	7331,467
Q9CRT8;AOA1W2P7Q6	21	2	125,5788	0,960864	1,779224	Exportin-T OS=Mus musculus OX=10090 GN=Xpot PE=1 SV=3	106,3147	98,92592	113,1498	25,05981	27,53344	45,21871	508,8966	29,42616
Q3UQ84;AOA0G2JF63;E9Q7H6;Q 3TP97;Q922A3	8	2	31,9619	0,96089	1,110431	Threonine--tRNA ligase, mitochondrial OS=Mus musculus OX=10090 GN=Tars2 PE=1 SV=1	1027,319	1151,897	517,2527	579,6648	724,2887	1381,895	637,201	497,6335
Q99N03;AOA087WRZ0 P47757;AOA0A0MQI9;A2AMW0; F6YHZ8;F7CAZ6	4	1	19,0171	0,960986	1,040146	Membrane-spanning 4-domains subfamily A member 10 OS=Mus musculus OX=10090 GN=Ms4a10 PE=2 SV=1	425,7931	470,3804	651,0238	388,8742	438,2083	395,3576	451,3924	587,204
Q64691;AOA668KL63;AOA668KLF 1	27	11	209,5097	0,961217	1,020538	F-actin-capping protein subunit beta OS=Mus musculus OX=10090 GN=Capzb PE=1 SV=3	10783,39	10959,13	8576,796	7747,936	11688,19	9354,578	8441,341	8098,585
P10404	8	2	37,7958	0,961701	1,094081	Calpain-3 OS=Mus musculus OX=10090 GN=Capn3 PE=1 SV=2	3293,14	3746,373	4481,877	1426,316	3963,563	2420,066	3250,452	2200,244
Q61024;D3YYR0;D3Z028;D3Z0C2	25	7	186,1384	0,961934	1,016434	MLV-related proviral Env polyprotein OS=Mus musculus OX=10090 PE=1 SV=3	11810,13	9372,971	7589,495	8041,052	9044,334	11162,71	8395,604	8604,115
P50516;D3YWH3;D3YZ23;D3Z1B9	54	25	350,3256	0,962128	1,044899	Asparagine synthetase [glutamine-hydrolyzing] OS=Mus musculus OX=10090 GN=Asns PE=1 SV=3	32246,15	29825,12	30165,12	27146,81	39129,15	26875,46	23861,75	32882,2
Q8R404	58	23	463,4943	0,962401	1,011842	V-type proton ATPase catalytic subunit A OS=Mus musculus OX=10090 GN=Atp6v1a PE=1 SV=2	11849,7	13038	12719,12	11245,86	14970,52	12044,16	10238,1	11028,16
Q3U422	6	2	48,5944	0,962604	2,121284	MICOS complex subunit MIC13 OS=Mus musculus OX=10090 GN=Micos13 PE=1 SV=1	142,8353	134,4484	149,5453	161,9424	963,706	79,72297	117,5525	87,96958
Q9EQH2;AOA1Y7VMT6	14	1	85,3824	0,962782	1,009545	Complex I-9kD OS=Mus musculus OX=10090 GN=Ndufv3 PE=1 SV=1	2525,704	2115,943	1211,778	2083,766	1832,207	2309,154	1912,184	1959,411
Q03517;Q4W8U9	29	8	188,9306	0,96288	1,019881	Endoplasmic reticulum aminopeptidase 1 OS=Mus musculus OX=10090 GN=Erap1 PE=1 SV=2	4253,528	3291,754	2567,319	3127,635	3778,1	3646,554	2151,933	3405,548
Q9JLZ6	53	17	329,0526	0,963286	1,043194	Secretogranin-2 OS=Mus musculus OX=10090 GN=Scg2 PE=1 SV=1	25670,14	20934,23	21198,25	14023,59	23681,19	21811,04	15468,22	19306,85
P62192	8	2	42,8439	0,96418	1,005923	Hypermethylated in cancer 2 protein OS=Mus musculus OX=10090 GN=Hic2 PE=2 SV=4	9804,446	7430,337	6569,956	5115,298	8026,834	8133,948	6597,392	6333,152
Q80XC6	29	10	242,6824	0,964703	1,036131	26S proteasome regulatory subunit 4 OS=Mus musculus OX=10090 GN=Psmc1 PE=1 SV=1	10493,12	10184,59	11291,54	8293,637	12603,84	8033,645	10296,81	9789,65
P62996;F8WJG3	5	2	16,1388	0,965135	1,068393	Nuclear exosome regulator NRDE2 OS=Mus musculus OX=10090 GN=Nrde2 PE=1 SV=3	3377,593	1808,794	2552,221	1212,848	2609,662	2455,717	2115,501	1625,454
AOA1Y7VIT3	22	5	130,5331	0,965181	1,182511	Transformer-2 protein homolog beta OS=Mus musculus OX=10090 GN=Tra2b PE=1 SV=1	2755,129	672,3622	2139,316	600,706	1842,097	547,0268	785,6736	2139,794
	9	1	40,8903	0,965894	1,09176	Ras and EF-hand domain-containing protein homolog OS=Mus musculus OX=10090 GN=Rasef PE=1 SV=1	1373,045	1075,083	708,0536	318,0246	996,426	1298,844	380,0755	936,0795

F6ZDS4;F6RX08;Q7M739	172	44	1134,7415	0,966055	1,025523	Nucleoprotein TPR OS=Mus musculus OX=10090 GN=Tpr PE=1 SV=1	11093,3	11019,61	10242,89	8855,743	11903,74	11694,08	8377,004	9374,357
Q62507	3	1	13,9623	0,966657	1,049638	Cochlin OS=Mus musculus OX=10090 GN=Coch PE=1 SV=2	12066,89	9531,886	8018,441	6586,511	10355,96	7682,252	7857,049	8596,372
Q9EQZ7	12	1	58,9684	0,966679	1,097871	Regulating synaptic membrane exocytosis protein 2 OS=Mus musculus OX=10090 GN=Rims2 PE=1 SV=1	688,4935	163,3021	430,8141	987,4485	660,1835	388,2429	500,0993	520,8062
Q80VL1;A0A0G2JE08;A0A0G2JEH 9;A0A0G2JFB2;A0A0G2JFE0;A0A0 G2JFP5	28	5	211,8571	0,967979	1,020436	Tudor and KH domain-containing protein OS=Mus musculus OX=10090 GN=Tdrkh PE=1 SV=1	4812,321	3951,076	3651,598	3657,759	4039,793	4824,173	3504,008	3880,533
Q9DBG3;H3BIY9;H3BJ06;H3BKM 0	56	14	413,7062	0,968053	1,022199	AP-2 complex subunit beta OS=Mus musculus OX=10090 GN=Ap2b1 PE=1 SV=1	8022,747	5991,951	5069,985	4085,431	6284,465	6246,914	3759,04	6423,502
P43276	56	29	199,2597	0,968302	1,021604	Histone H1.5 OS=Mus musculus OX=10090 GN=H1-5 PE=1 SV=2	100425,7	81074,63	73646,39	82227,58	79533,71	95547,4	78438,44	78090,69
Q6NZNO;E9PUF4;E9PYZ7;E9Q640	15	3	87,9923	0,968767	1,023328	RNA-binding protein 26 OS=Mus musculus OX=10090 GN=Rbm26 PE=1 SV=2	300,7118	361,1212	414,4245	385,6901	229,0662	458,1366	377,8111	431,0373
G3X9J0;S4R2N4	35	4	168,1344	0,971008	1,03708	Signal-induced proliferation-associated 1-like protein 3 OS=Mus musculus OX=10090 GN=Sipa1I3 PE=1 SV=1	6046,209	4765,807	3633,608	2907,245	6200,656	4285,335	2972,077	3274,367
P59999;E9PWA7;Q3TX55	13	2	83,3138	0,971791	1,075922	Actin-related protein 2/3 complex subunit 4 OS=Mus musculus OX=10090 GN=Arpc4 PE=1 SV=3	193,3211	202,0256	233,0574	262,1282	176,466	167,84	238,0526	326,5872
Q9JMH6;A0A1W2P6U1	29	11	212,9956	0,971826	1,042727	Thioredoxin reductase 1, cytoplasmic OS=Mus musculus OX=10090 GN=Txnrd1 PE=1 SV=3	4233,928	4637,521	5186,799	4486,075	8372,701	3621,845	3087,507	4254,609
O88532;D3Z5G4;F6QJP7;F6V459	33	8	200,537	0,971837	1,230545	Zinc finger RNA-binding protein OS=Mus musculus OX=10090 GN=Zfr PE=1 SV=2	2949,165	3181,196	2679,749	3103,424	1528,191	1783,022	7069,336	4279,588
Q8CDV0	18	1	109,7181	0,971992	1,047402	Coiled-coil domain-containing protein 178 OS=Mus musculus OX=10090 GN=Ccdc178 PE=2 SV=2	6168,505	4227,392	3318,909	4059,917	3374,707	4918,913	4066,887	4609,796
Q6F3F9;A0A140LIH4;A0A571BEJ4	4	1	17,8259	0,972044	1,005381	Adhesion G-protein coupled receptor G6 OS=Mus musculus OX=10090 GN=Adgrg6 PE=1 SV=1	2331,958	1019,668	1748,797	1395,444	2494,428	1491,778	808,7326	1666,162
O08644	11	3	50,7153	0,972301	1,044928	Ephrin type-B receptor 6 OS=Mus musculus OX=10090 GN=Ephb6 PE=2 SV=4	1418,226	1390,009	1450,063	1899,487	1842,201	2232,115	1171,87	1188,255
Q9JLJ2;Q3U367	40	10	241,7337	0,972526	1,014486	4-trimethylaminobutyraldehyde dehydrogenase OS=Mus musculus OX=10090 GN=Aldh9a1 PE=1 SV=1	12341,19	11792,95	11949,47	9706,269	13797,09	11648,38	10716,55	10122,14
A0A0J9YV30;A0A1D5RMM8;F8V Q28;Q8VI36	6	1	27,8621	0,973491	1,017181	Paxillin OS=Mus musculus OX=10090 GN=Pxn PE=1 SV=1	127,2654	336,7166	364,1826	467,696	235,5677	405,3797	223,8418	426,2432
Q9CZN7	73	38	395,7867	0,974178	1,035096	Serine hydroxymethyltransferase, mitochondrial OS=Mus musculus OX=10090 GN=Shmt2 PE=1 SV=1	43399,54	37406,84	25308,97	35010,85	36011,53	45237,29	27190,46	36461,05
Q3UUVL4	8	1	42,8685	0,974307	1,016964	Vacuolar protein sorting-associated protein 51 homolog OS=Mus musculus OX=10090 GN=Vps51 PE=1 SV=2	1352,015	1573,077	1622,216	1599,828	1462,859	1533,312	1482,874	1565,552

P61202;A2AQE4	23	3	126,2628	0,974669	1,018612	COP9 signalosome complex subunit 2 OS=Mus musculus OX=10090 GN=Cops2 PE=1 SV=1	1962,488	1439,986	1129,456	1171,183	1828,43	1659,549	1168,036	951,1004
P55258	22	3	146,7174	0,975019	1,018249	Ras-related protein Rab-8A OS=Mus musculus OX=10090 GN=Rab8a PE=1 SV=2	874,2379	857,9365	716,1857	980,0484	730,8741	900,2907	814,6391	921,1624
P08003;A0A0R4J0Z1	79	36	452,7425	0,975846	1,02437	Protein disulfide-isomerase A4 OS=Mus musculus OX=10090 GN=Pdia4 PE=1 SV=3	31811,94	24183,03	21789,51	21932,69	28997,46	26889,22	22993,04	21191,02
G3UWE1;A0A1D5RLH3;A0A5F8M PU6;Q3TAN8;Q52L67;Q9CY27	10	1	72,3932	0,975885	1,04251	Very-long-chain enoyl-CoA reductase OS=Mus musculus OX=10090 GN=Tecr PE=1 SV=1	6854,39	5751,862	4619,362	5944,557	7346,029	5116,67	5064,814	6509,039
Q8VDD9;A0A087WR26;F8VQ93	26	2	139,1413	0,976165	1,011047	PH-interacting protein OS=Mus musculus OX=10090 GN=Phip PE=1 SV=2	3083,938	2337,508	2153,889	2337,69	2428,354	2467,236	2595,852	2531,094
D3YVFO;H3BIV5	2	1	8,508	0,976354	1,016546	A-kinase anchor protein 5 OS=Mus musculus OX=10090 GN=Akap5 PE=1 SV=2	2556,32	1847,121	2839,885	3640,602	2561,467	3203,91	2626,415	2420,956
Q8K1Z0;F6SFF5	18	6	113,3946	0,976696	1,030661	Ubiquinone biosynthesis protein COQ9, mitochondrial OS=Mus musculus OX=10090 GN=Coq9 PE=1 SV=1	6552,475	6140,876	4306,408	5762,361	5405,497	7333,73	4092,861	6627,938
Q93092;A0A1B0GR11	29	8	205,4232	0,97728	1,019591	Transaldolase OS=Mus musculus OX=10090 GN=Taldo1 PE=1 SV=2	8454,815	6309,243	7591,093	6090,597	8390,306	6644,653	5611,566	7978,372
O54941	22	6	148,4371	0,977365	1,014809	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 OS=Mus musculus OX=10090 GN=Smarce1 PE=1 SV=1	2527,907	2042,585	1261,966	1298,679	1917,104	2239,191	1567,113	1424,701
P63276	20	5	150,0486	0,978082	1,034495	40S ribosomal protein S17 OS=Mus musculus OX=10090 GN=Rps17 PE=1 SV=2	10293,76	14782,07	14749,86	14314,89	17833,23	12046,55	12205,44	12542,01
Q9DBY8	60	12	354,8566	0,978655	1,050589	Nuclear valosin-containing protein-like OS=Mus musculus OX=10090 GN=Nvl PE=1 SV=1	2482,558	1892,335	1672,293	2967,452	2086,969	2244,066	2569,083	1826,57
Q62059	56	3	356,1223	0,979527	1,027031	Versican core protein OS=Mus musculus OX=10090 GN=Vcan PE=1 SV=2	2741,125	2217,697	2232,686	1860,405	2704,772	2651,88	1862,519	2077,429
B9EJR8	9	1	50,9472	0,979992	1,272652	Dynein axonemal assembly factor 5 OS=Mus musculus OX=10090 GN=Dnaaf5 PE=1 SV=1	0	68,19725	78,69739	141,2295	28,18381	0	96,05861	104,9324
P49442;E0CX64;E0CYQ4;H3BK26	2	1	10,0073	0,980333	1,045433	Inositol polyphosphate 1-phosphatase OS=Mus musculus OX=10090 GN=Inpp1 PE=1 SV=2	1370,257	1463,028	1692,716	1471,055	2157,847	1276,842	1510,229	1324,601
P70302;A0A1B0GRA5	24	1	132,8159	0,980345	1,066681	Stromal interaction molecule 1 OS=Mus musculus OX=10090 GN=Stim1 PE=1 SV=2	2591,958	2468,162	1261,015	1821,211	1838,36	1991,229	1822,54	2090,826
P61358;A2A4Q0	23	11	152,9982	0,980473	1,020923	60S ribosomal protein L27 OS=Mus musculus OX=10090 GN=Rpl27 PE=1 SV=2	52502,67	45737,19	42343,46	36194,34	50259,88	47531,22	39261,38	39018,72
Q9DB77;A0A140LI98	30	12	244,9499	0,980731	1,011088	Cytochrome b-c1 complex subunit 2, mitochondrial OS=Mus musculus OX=10090 GN=Uqcrc2 PE=1 SV=1	51179,5	38139,63	35948,7	38615,43	45051,19	52318,15	25505,59	39906,31
Q99PV0;B7ZC27	144	33	994,2618	0,980819	1,012895	Pre-mRNA-processing-splicing factor 8 OS=Mus musculus OX=10090 GN=Prpf8 PE=1 SV=2	16458,54	14266,47	11187,83	13117,15	14222,16	15710,21	12500,01	13307,2
O35855;A0A1B0GX27;O88374	11	1	62,4122	0,981283	1,882081	Branched-chain-amino-acid aminotransferase, mitochondrial OS=Mus musculus OX=10090 GN=Bcat2 PE=1 SV=2	5,808402	19,80899	15,06695	84,53416	2,863355	44,55845	32,77483	60,39229

P16546;A3KGU4;A3KGU5;A3KGU7	253	5	1810,8636	0,981614	1,014959	Spectrin alpha chain, non-erythrocytic 1 OS=Mus musculus OX=10090 GN=Sptan1 PE=1 SV=4	25840,84	22240	18923,23	19182,74	22212,92	22813,52	21345,74	18732,38
A3KGU9;E9Q447	237	1	1703,8971	0,981614	1,014959	Spectrin alpha chain, non-erythrocytic 1 OS=Mus musculus OX=10090 GN=Sptan1 PE=1 SV=2	1842,688	1585,915	1349,399	1367,905	1583,984	1626,812	1522,146	1335,79
Q9D0B0;F6RTE1	13	1	84,1185	0,98163	1,020746	Serine/arginine-rich splicing factor 9 OS=Mus musculus OX=10090 GN=Srsf9 PE=1 SV=1	1147,403	1689,049	1323,457	1165,205	947,4671	1672,031	1432,907	1350,24
O88685;A0A087WPH7;A2AGN7;B7ZCF1;F6Q2E3	47	12	372,6827	0,981731	1,005404	26S proteasome regulatory subunit 6A OS=Mus musculus OX=10090 GN=Psmc3 PE=1 SV=2	11942,67	12141,5	11613,7	11612,03	12704,58	11422,67	10955,47	11972,9
O70589;A0A067XG53;F6ZQR2	10	2	59,2356	0,982108	1,112643	Peripheral plasma membrane protein CASK OS=Mus musculus OX=10090 GN=Cask PE=1 SV=2	217,8048	520,1018	545,9	630,3682	456,7855	388,5185	468,4781	406,6034
A2AST1;A2AK24;D6RJ38;E9Q8Q6	9	2	51,7252	0,982366	1,011396	Coiled-coil domain-containing 141 OS=Mus musculus OX=10090 GN=Ccdc141 PE=1 SV=1	1958,655	3506,478	2722,552	983,3134	2902,19	2745,405	2270,802	1174,875
Q5SNZ0;F6R1B7;Z4YLN8;Z4YLP6	55	4	300,5212	0,982563	1,016478	Girdin OS=Mus musculus OX=10090 GN=Ccdc88a PE=1 SV=2	17429,41	13388,91	13819,88	17675,53	13122,4	16162,25	16450,43	15723,78
P33175	77	6	518,6747	0,982581	1,010213	Kinesin heavy chain isoform 5A OS=Mus musculus OX=10090 GN=Kif5a PE=1 SV=3	5788,116	3444,614	4191,252	4411,051	5016,951	4272,321	3906,439	4507,026
Q96DY5	2	2	7,5152	0,983281	1,015512	RING finger protein 112 OS=Mus musculus OX=10090 GN=Rnf112 PE=1 SV=1	1247,779	755,6514	1089,717	1025,349	1208,121	1042,736	803,6568	1127,867
Q8BKX1;B1AZ46	22	1	131,2485	0,983301	1,159863	Brain-specific angiogenesis inhibitor 1-associated protein 2 OS=Mus musculus OX=10090 GN=Baiap2 PE=1 SV=2	1333,788	525,0383	914,9195	1954,912	1259,662	794,1383	1187,418	1016,356
Q6PCN3;A0A286YDE4	3	1	19,9927	0,983455	1,030952	Tau-tubulin kinase 1 OS=Mus musculus OX=10090 GN=Ttbk1 PE=1 SV=3	1237,991	1615,814	1823,571	2148,136	1179,2	1843,822	1765,195	2248,56
Q9Z0R9	8	2	54,4978	0,983648	1,057796	Acyl-CoA 6-desaturase OS=Mus musculus OX=10090 GN=Fads2 PE=1 SV=1	1315,728	837,8821	585,4614	1135,535	619,6056	984,8731	1142,256	1143,584
Q9DBG5;A0A3B2WCW2	22	5	160,8733	0,984673	1,43257	Perilipin-3 OS=Mus musculus OX=10090 GN=Plin3 PE=1 SV=1	1014,195	1253,476	1284,933	1489,348	608,575	915,8799	762,2274	883,8805
E9PWE8;Q3TT92;Q62188	87	26	545,6375	0,98486	1,019824	Dihydropyrimidinase-related protein 3 OS=Mus musculus OX=10090 GN=Dpysl3 PE=1 SV=1	39486,3	38660,35	37601,64	30540,9	48552,66	32008,92	32828,08	32535,85
Q8R4X3;F6YJB6;V9GXJ1	5	2	22,9727	0,986353	4,230277	RNA-binding protein 12 OS=Mus musculus OX=10090 GN=Rbm12 PE=1 SV=3	25,0595	89,2394	98,61055	2321,784	41,29965	149,2057	244,7374	287,2713
F8WHT3;F7AYW2;Q7TPM1	26	4	134,6172	0,987486	1,050492	Protein PRRC2B OS=Mus musculus OX=10090 GN=Prcc2b PE=1 SV=1	331,5829	488,9918	320,7498	156,0476	377,5883	402,4789	200,2135	254,7325
Q3UPL0;S4R192;S4R1Y8;S4R256;S4R2A9	51	11	360,0828	0,98783	1,013637	Protein transport protein Sec31A OS=Mus musculus OX=10090 GN=Sec31a PE=1 SV=2	5912,189	4568,925	4946,321	3324,811	5941,632	4207,185	3875,213	4826,89
Q5DTN8;A0A803ZCJ0;E9Q7K7	8	1	32,7061	0,98833	1,034224	Janus kinase and microtubule-interacting protein 3 OS=Mus musculus OX=10090 GN=Jakmip3 PE=1 SV=2	727,8023	987,5258	927,3986	444,2037	850,7508	1147,18	460,3899	566,5393
Q91VD9;A0A087WP77;A0A087WQ77;A0A087WQRO	61	23	392,2477	0,988555	1,028353	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial OS=Mus musculus OX=10090 GN=Ndufs1 PE=1 SV=2	18724,7	19112,72	12137	17222,01	16870,82	18815,27	14274,11	15777,38

Q6NZK2;E9Q3G9;E9QAE1;Q29SA9;Q8C6S8	29	4	130,421	0,988869	1,033627	NCK-associated protein 5 OS=Mus musculus OX=10090 GN=Nckap5 PE=1 SV=1	1579,726	1306,424	1761,809	1552,344	1515,905	1484,255	1769,846	1313,253
O55142	14	6	67,1608	0,989149	1,085947	60S ribosomal protein L35a OS=Mus musculus OX=10090 GN=Rpl35a PE=1 SV=2	8659,968	3827,582	6346,671	6713,369	10832,77	4532,154	4673,645	6345,736
Q3TG90	2	1	11,4891	0,989556	1,148783	Microtubule-associated protein RP/EB family member 2 OS=Mus musculus OX=10090 GN=Mapre2 PE=1 SV=1	128,3345	464,973	624,9499	357,0082	446,416	446,9556	261,7603	216,1151
Q5SW75;A0A0R4J2A0	5	1	23,2505	0,989593	1,028117	Protein phosphatase Slingshot homolog 2 OS=Mus musculus OX=10090 GN=Ssh2 PE=1 SV=2	1320,451	1189,488	626,8116	1029,005	930,9795	1031,877	1523,04	773,9236
Q921K2	67	5	455,3976	0,99049	1,023857	Poly [ADP-ribose] polymerase OS=Mus musculus OX=10090 GN=Parp1 PE=1 SV=1	6794,36	7251,62	6189,406	5617,391	6927,759	6628,847	6231,033	6317
Q9R0E1;F6W3Q8	46	15	361,7683	0,990826	1,00702	Multifunctional procollagen lysine hydroxylase and glycosyltransferase LH3 OS=Mus musculus OX=10090 GN=Plod3 PE=1 SV=1	18512,65	15615,37	13048,13	15269,9	15838,5	17416,94	14448,13	15041,32
P33174	36	3	189,8726	0,991054	1,015161	Chromosome-associated kinesin KIF4 OS=Mus musculus OX=10090 GN=Kif4 PE=1 SV=3	3140,225	3191,791	2527,063	3747,61	3674,681	3368,718	2322,029	3302,871
Q05816	17	8	119,7532	0,99116	1,030162	Fatty acid-binding protein 5 OS=Mus musculus OX=10090 GN=Fabp5 PE=1 SV=3	20531	19463,39	22486,94	15180,84	26135,99	16401,31	19446,08	16416,81
Q5SRX1;F6RDX1;F6ZDJ1;Q5SXA4;Q5SXA5	7	1	37,9169	0,99127	1,019612	TOM1-like protein 2 OS=Mus musculus OX=10090 GN=Tom1l2 PE=1 SV=1	3228,197	2944,284	3013,222	2865,931	3902,622	2820,905	2818,51	2745,958
A2AKX3	8	1	40,0271	0,991376	1,131964	Probable helicase senataxin OS=Mus musculus OX=10090 GN=Setx PE=1 SV=1	410,5846	273,638	134,3054	80,50427	233,1725	242,6278	115,233	203,1904
A0A1B0GR91;A0A1B0GSS7;A0A1B0GSZ4	9	4	43,7014	0,992103	1,014472	Predicted gene 4779 OS=Mus musculus OX=10090 GN=Gm4779 PE=1 SV=1	464,5265	353,9941	477,5903	492,7961	442,5562	412,9875	512,8967	394,947
Q8BRF7;A0A1W2P6R7	40	6	244,0571	0,992111	1,025186	Sec1 family domain-containing protein 1 OS=Mus musculus OX=10090 GN=Scfd1 PE=1 SV=1	4914,36	3303,465	2866,148	2208,541	4408,462	3709,338	2596,605	2661,611
Q3U0V1;A0A3B2W465;A0A3B2WCD8	59	21	409,4393	0,992294	1,009689	Far upstream element-binding protein 2 OS=Mus musculus OX=10090 GN=Khsrp PE=1 SV=2	23082,2	18548,69	18737,44	14388,04	21447,89	19733,5	16891,29	16959,6
G5E8Y2;B9EI20;E9QNC6;F7ANC5;Q69ZB0	20	3	106,3937	0,993109	1,06384	Leucine-rich repeat and coiled-coil domain-containing protein 1 OS=Mus musculus OX=10090 GN=Lrrcc1 PE=1 SV=1	3835,368	2977,735	2749,86	1474,073	3930,338	2813,391	2017,847	2196,284
K9J7E8;F6QVC4	1	1	4,6189	0,993423	1,044242	Tandem duplication of RIKEN cDNA 1700049E17 gene, gene 2 OS=Mus musculus OX=10090 GN=1700049E17Rik2 PE=4 SV=1	391,734	473,9424	552,3211	275,186	406,5182	368,9937	566,9069	362,8993
Q9QYJ0	35	11	229,9507	0,993532	1,014426	DnaJ homolog subfamily A member 2 OS=Mus musculus OX=10090 GN=Dnaja2 PE=1 SV=1	14119,5	12363,51	10205,98	10525,74	12678	11626,95	11789,05	10449,29
A2AUP1;A0A0A6YY64;A2AUP3;A2AUP4;A2AUP5;A7UAK4;A7UAK5;A7UAK8;Q3U3S6;Q7TS91	6	2	23,5872	0,993868	1,090121	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 OS=Mus musculus OX=10090 GN=Pfkfb3 PE=1 SV=1	3479,764	2066,404	2864,064	1172,235	4246,224	2046,927	1336,381	2361,563
Q61081	29	8	210,0836	0,994042	1,010112	Hsp90 co-chaperone Cdc37 OS=Mus musculus OX=10090 GN=Cdc37 PE=1 SV=1	14252,09	11479,76	9865,644	9108,55	13000,42	10635,39	10071,96	10550,75
Q8BLJ3;G3X9A7	17	4	90,4451	0,994812	1,022554	PI-PLC X domain-containing protein 3 OS=Mus musculus OX=10090 GN=Plcx3 PE=1 SV=1	1525,864	1181,255	944,3584	863,3883	1688,575	996,9012	841,5441	1089,672

P20029	180	78	848,5263	0,995254	1,00304	Endoplasmic reticulum chaperone BiP OS=Mus musculus OX=10090 GN=Hspa5 PE=1 SV=3	228778,7	183077,2	159854,4	142820,9	181277,2	203389,4	154358,9	174588,1
	7	3	35,1766	0,995449	1,216316	TOG array regulator of axonemal microtubules protein 1 OS=Mus musculus OX=10090 GN=Togaram1 PE=1 SV=3	93,08922	100,5337	222,1196	509,8472	100,9113	174,1094	566,82	91,74122
Q6A070;A0A1Y7VLS3 P15626;A2AE91;D3YVP9;D3YX76; Q35660;Q8R5I6	23	3	185,781	0,995502	1,007946	Glutathione S-transferase Mu 2 OS=Mus musculus OX=10090 GN=Gstm2 PE=1 SV=2	1101,473	1219,549	1322,107	1285,162	1385,128	1071,513	1113,236	1397,572
P09041	22	1	163,399	0,996329	1,217146	Phosphoglycerate kinase 2 OS=Mus musculus OX=10090 GN=Pgk2 PE=1 SV=4	10,51389	12,41641	27,7613	18,66736	15,3713	7,065022	15,04783	46,93583
D3Z2N9;D3YY73;E9Q317;O55128	8	1	68,9864	0,996567	1,015403	Histone deacetylase complex subunit SAP18 OS=Mus musculus OX=10090 GN=Sap18 PE=1 SV=1	2631,281	2487,589	2453,618	2422,506	2342,259	2526,823	2294,335	2853,018
P46460;G3UX86;G3UX98	60	12	435,3919	0,996575	1,00425	Vesicle-fusing ATPase OS=Mus musculus OX=10090 GN=Nsf PE=1 SV=2	10665,21	10071,12	8752,811	9442,76	10158,9	10821,61	8910,514	9206,33
Q9DCX2;B1ASE2	29	8	235,0624	0,996612	1,025593	ATP synthase subunit d, mitochondrial OS=Mus musculus OX=10090 GN=Atp5pd PE=1 SV=3	25336,43	21120,5	19104,21	18768,85	22180,34	27464,17	15088,46	21755,25
P62911	10	2	77,5242	0,996933	1,069114	60S ribosomal protein L32 OS=Mus musculus OX=10090 GN=Rpl32 PE=1 SV=2	2658,366	1578,067	4265,699	5976,099	4221,47	2856,223	2212,137	4325,407
Q80TH2;B2RUJ2;B7ZNX6	50	6	286,3157	0,996941	1,011417	Erbin OS=Mus musculus OX=10090 GN=Erbin PE=1 SV=3	2737,855	2578,52	2048,907	1751,432	2381,867	2673,479	2531,453	1599,862
Q9EQU5;A2BE92;A2BE93	21	13	112,2048	0,996983	1,028073	Protein SET OS=Mus musculus OX=10090 GN=Set PE=1 SV=1	6070,078	9001,392	10354,87	5822,607	11747,28	5870,827	6659,131	6817,088
Q8VBZ3	25	7	168,4582	0,997619	1,115917	Cleft lip and palate transmembrane protein 1 homolog OS=Mus musculus OX=10090 GN=Ciptm1 PE=1 SV=1	9194,01	5679,812	6747,003	2654,944	8673,012	6152,725	2473,685	7735,87
A0A2I3BQ61	4	2	19,2734	0,997756	1,099074	GDNF family receptor alpha-2 OS=Mus musculus OX=10090 GN=Gfra2 PE=1 SV=1	96,64588	281,941	275,9732	345,9829	170,4261	249,5244	165,4983	374,7256
P70372	46	20	312,0176	0,997892	1,007135	ELAV-like protein 1 OS=Mus musculus OX=10090 GN=Elavl1 PE=1 SV=2	24772,51	21250,9	18399,59	19882,2	20290,32	25170,03	18899,68	19867,12
Q9DCC5;D3Z1A9;D3Z313;P23198	21	8	141,3774	0,999506	1,02483	Cbx3 protein OS=Mus musculus OX=10090 GN=Cbx3 PE=1 SV=1	16795,39	11145,64	10987,47	8817,283	12220,02	13692,78	10791,28	9884,908
Q8BVY0;A0A2R8VHW2	32	7	218,7155	0,999692	1,018325	Ribosomal L1 domain-containing protein 1 OS=Mus musculus OX=10090 GN=Rsl1d1 PE=1 SV=1	10693,03	9339,302	5733,137	8739,927	8675,175	8920,499	6855,827	9432,955
Q8R180;A0A2I3BPM1	32	10	198,0854	0,999835	1,001898	ERO1-like protein alpha OS=Mus musculus OX=10090 GN=Ero1a PE=1 SV=2	15660,98	13844,4	12994,27	11342,19	15648,04	13101,11	11918,43	13072,27
O70361	2	1	14,0333	0,999924	1,010271	Period circadian protein homolog 3 OS=Mus musculus OX=10090 GN=Per3 PE=1 SV=2	6223,496	4722,333	4598,275	4235,569	5311,606	5700,977	4728,057	3987,199



**Inhibition**

**Normalized abundance**

Accession	Peptide count	Unique peptides	Confidence score	Anova (p)	Max fold change	Description	Sh-ND2-1	Sh-ND2-2	Sh-ND2-3	Sh-ND2-4	scRNA-1	scRNA-2	scRNA-3	scRNA-4
Q61666	14	1	73,2392	1,42E-07	10,75316	Protein HIRA OS=Mus musculus OX=10090 GN=Hira PE=1 SV=3	19702,14	15964,03	11648,83	21428,06	30963,43	35835,54	29811,59	30046,52
Q64339	3	1	17,367	3,67E-07	3,436198	Ubiquitin-like protein ISG15 OS=Mus musculus OX=10090 GN=Isg15 PE=1 SV=4	1085,589	1035,479	1026,297	1159,322	1537,073	1289,432	1163,162	1080,394
A2CG63;A0A1Y7VIX3;Z4YL44;Z4YMH1	10	4	72,6783	1,50E-06	3,355519	AT-rich interactive domain-containing protein 4B OS=Mus musculus OX=10090 GN=Arid4b PE=1 SV=1	1717,001	2338,23	1983,976	1722,831	2060,444	2598,379	2164,803	2173,257
I6XKQ3	4	1	18,1883	2,06E-06	5,076843	Speedy/RINGO cell cycle regulator family, member E4C OS=Mus musculus OX=10090 GN=Spdye4c PE=2 SV=1	18468,98	17854,63	12471,66	18737,7	30276,93	32509,05	22903,27	19730,68
Q6P9P6	23	8	111,7936	2,62E-06	2,318925	Kinesin-like protein KIF11 OS=Mus musculus OX=10090 GN=Kif11 PE=1 SV=1	8650,916	9179,349	9766,546	8063,54	4528,199	4451,135	5709,844	5651,208
Q6PDI5;A0A1L1SUB9;A2ALV6;A2ALV7;A2ALV8;A2ALV9;A2ALW1;D3Z533;Q8CET2;Q9D4M9	90	13	550,2911	3,47E-06	4,529096	Proteasome adapter and scaffold protein ECM29 OS=Mus musculus OX=10090 GN=Ecpas PE=1 SV=3	9794,593	8440,444	8620,689	9259,773	13979	8281,55	13811,84	9051,159
Q62230;G3X8X6;H9KUZ2;H9KUZ3	10	1	56,5105	4,25E-06	1,404113	Sialoadhesin OS=Mus musculus OX=10090 GN=Siglec1 PE=1 SV=2	8434,889	8772,118	8184,405	8530,818	6359,954	6198,964	5863,836	5736,431
P97390	13	4	77,4455	2,03E-05	5,319538	Vacuolar protein sorting-associated protein 45 OS=Mus musculus OX=10090 GN=Vps45 PE=1 SV=1	5891,073	4632,149	3072,608	5683,367	4561,236	6733,88	8971,126	8300,951
Q61466;A0A2R8VHB7;A0A2R8VI06;A0A2R8VI28;A0A2R8VKP3	40	11	271,9849	0,000136	1,451249	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 1 OS=Mus musculus OX=10090 GN=Smarcd1 PE=1 SV=3	5038,69	4830,206	5253,339	4406,996	3319,842	3857,25	3658,658	3803,493
E0CX93;Q0GE24	1	1	4,8577	0,000157	15,23613	Zinc finger protein GLIS3 (Fragment) OS=Mus musculus OX=10090 GN=Glis3 PE=3 SV=1	485,539	490,7441	382,4051	460,575	1530,622	1084,364	512,5712	535,9978
I1E4X1;H3BJ02	7	1	36,0554	0,000254	52,73593	Syntaxin 5A OS=Mus musculus OX=10090 GN=Stx5a PE=1 SV=1	74,03356	40,81866	41,74478	43,4174	305,6075	199,116	207,1398	226,0678
Q6PA06;E9QND8	10	2	63,872	0,000267	1,235728	Atlastin-2 OS=Mus musculus OX=10090 GN=Atl2 PE=1 SV=1	4435,723	4842,414	4926,472	4538,196	3821,938	4040,518	3771,451	3533,512
Q3TZR9	4	1	24,6848	0,000271	1,375961	Cyclic AMP-dependent transcription factor ATF-7 OS=Mus musculus OX=10090 GN=Atf7 PE=1 SV=1	32824,38	32282,68	37054,58	37602,53	48377,9	49482,58	49026,42	45423,08
O35682;A0A0N4SW94	3	1	25,7401	0,000331	1,475731	Myeloid-associated differentiation marker OS=Mus musculus OX=10090 GN=Myadm PE=1 SV=2	2477,671	2226,05	2501,452	2527,646	1629,569	1889,452	1519,594	1556,637
Q9R1C6;F2Z490	4	1	20,6358	0,000362	1,159446	Diacylglycerol kinase epsilon OS=Mus musculus OX=10090 GN=Dgke PE=1 SV=1	2770,57	2921,448	2938,52	2936,126	2604,45	2837,551	2746,211	2639,257

P14426	14	1	86,5447	0,000393	3,629593	H-2 class I histocompatibility antigen, D-K alpha chain OS=Mus musculus OX=10090 GN=H2-D1 PE=1 SV=1	1345,626	3744,125	2742,686	2875,152	615,3951	876,7901	615,6851	842,2097
Q8BP48;A0A0G2JFL1	13	1	74,7327	0,000515	1,767764	Methionine aminopeptidase 1 OS=Mus musculus OX=10090 GN=Metap1 PE=1 SV=1	953,6492	1045,456	907,4076	969,6939	474,8722	556,559	671,1315	490,154
Q80TJ1;A0A286YDH6;J3QJW3;K4DI76	18	4	86,7132	0,000548	1,236437	Calcium-dependent secretion activator 1 OS=Mus musculus OX=10090 GN=Cadps PE=1 SV=3	2580,348	2652,07	2475,142	2472,693	2453,794	2196,205	2080,242	2271,365
E1U8D0;A2ACV6	36	4	183,9013	0,000557	2,531292	Protein SOGA1 OS=Mus musculus OX=10090 GN=Soga1 PE=1 SV=3	206,2915	121,412	162,508	258,5071	312,976	388,5968	340,603	379,5078
Q9D8V0	12	3	62,712	0,000703	1,670596	Minor histocompatibility antigen H13 OS=Mus musculus OX=10090 GN=Hm13 PE=1 SV=1	4763,63	3574,774	4693,547	4587,184	2550,581	3425,487	2928,495	2728,97
Q64337;D3YZJ1	13	1	86,4872	0,000706	10,08427	Sequestosome-1 OS=Mus musculus OX=10090 GN=Sqstm1 PE=1 SV=1	823,6829	575,409	623,4953	293,1381	24,55481	61,01579	88,69493	306,8153
P00405	21	11	92,0971	0,000762	1,264976	Cytochrome c oxidase subunit 2 OS=Mus musculus OX=10090 GN=Mtco2 PE=1 SV=1	31440,33	30662,11	33368,36	29056,48	27358,01	28052,92	24457,21	25321,18
Q8C281;P51125;Q8CE80;Q921U7	9	1	47,6375	0,000835	1,946828	Calpain inhibitor OS=Mus musculus OX=10090 GN=Cast PE=1 SV=1	1327,689	1196,622	1298,618	842,0029	1873,699	2081,935	2427,755	2698,431
P46978;D3YZN5	32	8	218,4292	0,000845	1,203975	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A OS=Mus musculus OX=10090 GN=Stt3a PE=1 SV=1	4940,222	4865,454	4837,785	5132,787	4506,174	4019,089	4143,519	3757,018
P62827;Q14AA6;Q61820	34	14	182,0847	0,001085	1,313138	GTP-binding nuclear protein Ran OS=Mus musculus OX=10090 GN=Ran PE=1 SV=3	6420,802	6364,75	6814,321	6312,332	8964,181	8788,387	7405,313	8868,429
P14115	17	7	136,2274	0,001111	1,149233	60S ribosomal protein L27a OS=Mus musculus OX=10090 GN=Rpl27a PE=1 SV=5	19222,89	18943,67	20791,09	21180,08	23396,27	23127,48	23087,05	22486,1
P14869;D3YVM5;S4R1N1	55	26	262,0628	0,001162	1,221246	60S acidic ribosomal protein PO OS=Mus musculus OX=10090 GN=Rplp0 PE=1 SV=3	67049,56	67482,33	72891,65	71638,51	63069,31	68461,27	65298,39	59689,17
Q9EQ61;Q5SQ20	21	2	141,4279	0,001171	4,213273	Pescadillo homolog OS=Mus musculus OX=10090 GN=Pes1 PE=1 SV=1	88,08449	241,4845	75,08926	49,90249	432,7666	533,7571	300,0734	291,5597
Q5SWP3;H3BK6	50	7	328,9668	0,001187	1,400392	NAC-alpha domain-containing protein 1 OS=Mus musculus OX=10090 GN=Nacad PE=1 SV=1	2012,861	1816,356	1809,531	2262,266	2619,663	2767,62	2514,132	3163,098
A2A432;J3QJX0	41	1	242,0297	0,001261	78,61959	Cullin-4B OS=Mus musculus OX=10090 GN=Cul4b PE=1 SV=1	93,19618	87,73858	99,5337	476,6624	2836,831	676,127	1268,951	638,9266
COHKE1;A0A0N4SV66;COHKE2;COHKE3;COHKE4;COHKE5;COHKE6;COHKE7;COHKE8;COHKE9;Q8BFU2;Q8CGP4;Q8CGP5;Q8CGP6;Q8CGP7;Q8R1M2	74	2	133,0317	0,001275	2,82433	Histone H2A type 1-B OS=Mus musculus OX=10090 GN=H2ac4 PE=1 SV=1	202,7122	127,3228	93,5745	172,4682	347,2486	461,4059	304,4577	431,3094
A0A1D5RLG0;Q8BTX9	8	4	40,2419	0,001372	6,694606	Inactive hydroxysteroid dehydrogenase-like protein 1 OS=Mus musculus OX=10090 GN=Hsd1l1 PE=1 SV=1	1080,288	1154,105	826,9658	1328,664	5807,719	1913,596	1408,568	1200,448

Q52K18;A2A8V8;A2A8V9;A2A983;E9PUK6;E9QKA4;F6T4M4	15	2	95,3797	0,001403	1,277411	Serine/arginine repetitive matrix protein 1 OS=Mus musculus OX=10090 GN=Srrm1 PE=1 SV=2	5578,193	6231,556	6160,064	6192,023	5866,719	5393,699	5564,664	4980,557
P63082;E9Q9C5	5	3	31,6256	0,001489	1,301004	V-type proton ATPase 16 kDa proteolipid subunit c OS=Mus musculus OX=10090 GN=Atp6v0c PE=1 SV=1	11129,08	9861,697	10033,7	12430,5	9275,22	9492,893	9425,123	8674,122
P35762;A0A140LJL0	3	1	22,6077	0,00151	1,317559	CD81 antigen OS=Mus musculus OX=10090 GN=Cd81 PE=1 SV=2	1652,763	1476,403	1384,193	1453,067	1438,543	1494,492	1482,105	1411,043
P61290;A2A4J1;A2A4J3	18	4	131,0978	0,001523	1,382115	Proteasome activator complex subunit 3 OS=Mus musculus OX=10090 GN=Psm3 PE=1 SV=1	5409,294	5380,398	5799,214	6486,235	7856,361	7505,265	7221,386	6986,394
Q9EST4	3	1	17,1491	0,001561	1,378326	Proteasome assembly chaperone 2 OS=Mus musculus OX=10090 GN=Psmg2 PE=1 SV=1	3326,251	3255,674	3161,212	3843,736	5141,333	4641,854	4851,269	4092,677
P07724	24	9	188,148	0,001636	2,006075	Albumin OS=Mus musculus OX=10090 GN=Alb PE=1 SV=3	2372,83	1838,729	1526,408	2370,131	2962,426	2614,462	2204,674	1830,006
Q9D5V6	4	1	27,3989	0,001945	1,646484	Synapse-associated protein 1 OS=Mus musculus OX=10090 GN=Syap1 PE=1 SV=1	1441,916	1390,287	1232,726	1423,054	1718,721	2072,277	1658,779	1826,67
F7BJB9;A0A0J9YU83;A0A338P7B1	17	1	77,5451	0,002019	1,317272	MORC family CW-type zinc finger protein 3 OS=Mus musculus OX=10090 GN=Morc3 PE=1 SV=1	1014,828	985,5952	1154,91	1005,939	1216,815	1466,773	1443,304	1354,636
Q5DW34;A0A0H2UH19;A0A1B0GXE2;A2AIS5;E9Q5A3;Z4YJZ7	18	2	92,399	0,002082	1,891007	Histone-lysine N-methyltransferase EHMT1 OS=Mus musculus OX=10090 GN=Ehmt1 PE=1 SV=2	17372,49	21178,49	30340,75	16434,24	24329,86	27463,01	27157,59	21954,87
Q9D0G0	22	5	177,5538	0,002114	1,47692	28S ribosomal protein S30, mitochondrial OS=Mus musculus OX=10090 GN=Mrps30 PE=1 SV=1	3054,404	3171,218	3485,223	2783,51	2289,522	2321,191	1973,74	1884,798
P62889;A0A2I3BQF4	18	8	93,6729	0,002123	1,270114	60S ribosomal protein L30 OS=Mus musculus OX=10090 GN=Rpl30 PE=1 SV=2	22583,71	26299,03	26555,34	25801,43	22417,49	22673,58	23015,65	19886,22
Q8CGK3	73	21	428,1566	0,002423	1,236881	Lon protease homolog, mitochondrial OS=Mus musculus OX=10090 GN=Lonp1 PE=1 SV=2	10797,19	10086,47	10025,27	10309,7	9480,873	9131,675	8104,893	8001,646
Q9D6J5;E9Q9J5;F6VCY0;Q3V406	1	1	6,3133	0,002583	1,596802	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial OS=Mus musculus OX=10090 GN=Ndufb8 PE=1 SV=1	2104,738	1973,359	1827,52	1759,508	1090,802	1522,487	1181,611	1005,396
Q8BP67	20	13	112,5041	0,002649	1,144238	60S ribosomal protein L24 OS=Mus musculus OX=10090 GN=Rpl24 PE=1 SV=2	31282,38	31865,55	32443,97	34075,29	39823,77	37121,66	37002,31	34422,39
A0A5F8MPU3	14	2	70,1495	0,002726	1,301323	C2 calcium-dependent domain-containing 6 OS=Mus musculus OX=10090 GN=C2cd6 PE=4 SV=1	822,5389	908,9742	910,9113	899,2886	1127,225	1124,586	1275,439	972,4649
P09041	22	1	163,399	0,002904	8,177293	Phosphoglycerate kinase 2 OS=Mus musculus OX=10090 GN=Pgk2 PE=1 SV=4	40,95398	70,92298	78,09618	12,06753	86,95514	134,2038	172,8812	216,1236

Q9CS42	14	1	70,6481	0,002919	1,257291	Ribose-phosphate pyrophosphokinase 2 OS=Mus musculus OX=10090 GN=Prps2 PE=1 SV=4	595,1944	698,6351	749,3864	656,0069	898,0167	796,9539	859,5675	839,17
Q35643;Q55VG4;Q55VG5	53	10	367,0277	0,002929	1,416469	AP-1 complex subunit beta-1 OS=Mus musculus OX=10090 GN=Ap1b1 PE=1 SV=2	4886,004	6166,006	5544,817	5100,33	4171,416	3930,093	3923,476	3292,797
Q61361	5	1	24,9072	0,003002	35,18787	Brevican core protein OS=Mus musculus OX=10090 GN=Bcan PE=1 SV=2	436,7786	55,82173	24,16108	330,3129	659,9398	140,5061	1026,805	769,0853
P84104	17	6	104,7996	0,003026	1,199992	Serine/arginine-rich splicing factor 3 OS=Mus musculus OX=10090 GN=Srsf3 PE=1 SV=1	3102,336	2983,651	2854,365	2700,424	2404,25	2638,122	2325,243	2333,092
Q9DBT9	6	1	27,8719	0,003052	1,715538	Dimethylglycine dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Dmgdh PE=1 SV=1	324,6116	294,4609	320,8267	248,036	179,2095	274,4236	308,7446	221,4017
Q8BH59;V9GXX9	39	10	289,3845	0,003209	1,393074	Calcium-binding mitochondrial carrier protein Aralar1 OS=Mus musculus OX=10090 GN=Slc25a12 PE=1 SV=1	15022,21	15050,76	13894,77	16179,7	11888,23	8861,459	11546,12	10880,26
O88990	73	7	518,7409	0,003247	1,264633	Alpha-actinin-3 OS=Mus musculus OX=10090 GN=Actn3 PE=2 SV=1	2973,678	2314,456	2507,281	2768,129	3317,78	3249,699	3313,121	3478,408
Q9Z1Q5	27	7	171,3129	0,003359	1,256828	Chloride intracellular channel protein 1 OS=Mus musculus OX=10090 GN=Clic1 PE=1 SV=3	11170,12	11151,1	13003,99	12470,6	15325,78	14056,52	14294,02	13032,1
Q5DU25;D3Z5I6;D3Z6V7;E9QAD8	18	2	72,2308	0,003697	2,217954	IQ motif and SEC7 domain-containing protein 2 OS=Mus musculus OX=10090 GN=lqsec2 PE=1 SV=3	396,9146	258,137	167,3415	177,7311	509,4282	433,4014	673,4645	601,9357
O88545;D3Z0F5;F6QK86	10	4	69,1641	0,003726	1,329102	COP9 signalosome complex subunit 6 OS=Mus musculus OX=10090 GN=Cops6 PE=1 SV=1	1212,146	1083,083	1059,171	1270,637	1747,321	1341,484	1432,276	1626,065
A0A0A6YXR1	5	1	25,812	0,00375	1,52489	Dystonin OS=Mus musculus OX=10090 GN=Dst PE=1 SV=1	10898,68	11398,4	14358,86	10076,93	7285,243	7729,547	8148,306	7483,623
P46096	15	1	82,3067	0,00403	99,90032	Synaptotagmin-1 OS=Mus musculus OX=10090 GN=Syt1 PE=1 SV=1	228,1933	249,1673	17,82682	376,2476	1837,073	140,3496	2191,983	986,6439
Q7TSZ8	2	1	8,5141	0,004128	2,085963	Nucleus accumbens-associated protein 1 OS=Mus musculus OX=10090 GN=Nacc1 PE=1 SV=1	477,2469	495,3415	592,0647	619,3424	614,0541	606,0708	635,6514	599,0882
Q9Z2I0	53	15	348,1779	0,004153	1,266574	Mitochondrial proton/calcium exchanger protein OS=Mus musculus OX=10090 GN=Letm1 PE=1 SV=1	4616,339	4192,3	3752,447	4755,271	3276,357	3735,903	3299,088	3360,46
PODMR5	2	1	10,6922	0,004181	2,211338	TD and POZ domain-containing protein 1 OS=Mus musculus OX=10090 GN=Tdpoz1 PE=2 SV=1	2136,579	3089,629	4729,896	2356,279	2824,618	3491,854	2115,83	2718,716
Q8K4P0;A0A3Q4EGD8;Q8K1G7	6	3	26,5078	0,00424	2,887651	pre-mRNA 3' end processing protein WDR33 OS=Mus musculus OX=10090 GN=Wdr33 PE=1 SV=1	349,8988	202,6759	359,763	190,8236	669,2671	316,9561	338,1231	572,8714
Q3TRM8;E9Q3Z4;E9Q8S8	22	2	105,2452	0,004306	1,335938	Hexokinase-3 OS=Mus musculus OX=10090 GN=Hk3 PE=1 SV=2	2811,491	2578,968	2321,72	2347,211	2715,515	2810,006	2573,032	2423,932

Q8R127;J3QNN5	21	6	119,8528	0,004541	1,2999	Saccharopine dehydrogenase-like oxidoreductase OS=Mus musculus OX=10090 GN=Sccpdh PE=1 SV=1	3560,73	3276,101	3151,591	3649,202	2926,555	2432,914	2692,302	2766,238
Q9CZU3	55	10	360,8711	0,004764	1,444909	Exosome RNA helicase MTR4 OS=Mus musculus OX=10090 GN=Mtrex PE=1 SV=1	4071,123	5107,577	5340,234	5338,39	5935,684	5235,217	4921,111	4068,561
Q99LD9;D3Z487;D3Z7J6	7	1	39,0711	0,005185	1,411413	Translation initiation factor eIF-2B subunit beta OS=Mus musculus OX=10090 GN=Eif2b2 PE=1 SV=1	1788,054	2156,571	2311,091	2016,074	2485,26	2830,795	2331,005	2169,998
P35546	17	1	89,555	0,005448	1,346997	Proto-oncogene tyrosine-protein kinase receptor Ret OS=Mus musculus OX=10090 GN=Ret PE=1 SV=2	2386,304	2410,394	2266,946	2393,61	2007,614	1441,722	1804,337	1767,32
A2A791	19	2	98,7675	0,005532	1,425666	Zinc finger MYM-type protein 4 OS=Mus musculus OX=10090 GN=Zmym4 PE=1 SV=1	2224,736	1648,994	1828,037	2213,863	1645,885	1704,824	1667,807	1873,223
Q8K4D3;Q5F228	1	1	7,155	0,005679	1,379021	Proton-coupled amino acid transporter 1 OS=Mus musculus OX=10090 GN=Slc36a1 PE=2 SV=1	2395,9	2444,503	2315,031	2127,423	2135,379	1694,436	1485,337	1623,019
Q5RKR3;E9Q9N7	2	1	9,1604	0,005821	1,580809	Immunoglobulin superfamily containing leucine-rich repeat protein 2 OS=Mus musculus OX=10090 GN=Islr2 PE=1 SV=1	5770,043	4345,519	4909,879	5566,224	10380,04	7128,714	7669,941	7372,782
D3YX27;D3YX28;F6TCV0;F6XUR8;Q9JIY5;S4R1B3	16	9	111,9447	0,005874	1,364515	Serine protease HTRA2, mitochondrial OS=Mus musculus OX=10090 GN=Htra2 PE=1 SV=1	7692,87	8335,522	7670,948	9191,243	7258,12	5903,953	5471,548	5470,613
Q7TSC1;G3UX48	56	6	295,9815	0,005909	1,487036	Protein PRRC2A OS=Mus musculus OX=10090 GN=Prrc2a PE=1 SV=1	10641,61	10848,46	9725,845	13561,81	14443,3	18138,12	15794,91	18209,78
B2RQ71;A0A1Y7VMZ0;B7ZMZ7;E9PWR4	5	1	22,2435	0,006022	2,154089	Dip2c protein OS=Mus musculus OX=10090 GN=Dip2c PE=1 SV=1	217,3715	160,812	136,6612	185,9205	92,90665	88,91042	65,49139	78,01006
E9QAT9;Q9ERP3	2	1	9,1919	0,006068	2,427244	Tripartite motif-containing protein 54 OS=Mus musculus OX=10090 GN=Trim54 PE=1 SV=1	329,8948	155,8255	337,3823	364,1804	550,0638	682,6629	538,663	723,9865
Q61029	29	4	228,1803	0,006101	1,231873	Lamina-associated polypeptide 2, isoforms beta/delta/epsilon/gamma OS=Mus musculus OX=10090 GN=Tmpo PE=1 SV=4	17683,38	16058,38	15368,25	18429,63	16121,71	16042,06	14558,35	14734,81
A2A4P0;A2A4N9	17	1	91,4492	0,00629	1,620805	ATP-dependent RNA helicase DHX8 OS=Mus musculus OX=10090 GN=Dhx8 PE=2 SV=1	552,1903	523,1069	593,7353	572,7665	543,8626	517,7502	705,154	511,6043
Q925J9	4	1	16,9799	0,006558	1,360975	Mediator of RNA polymerase II transcription subunit 1 OS=Mus musculus OX=10090 GN=Med1 PE=1 SV=2	641,5611	838,0999	753,9251	627,1554	432,2188	562,8782	546,0046	584,4068
O89110;A0A087WQT6	3	1	14,2189	0,006671	1,393873	Caspase-8 OS=Mus musculus OX=10090 GN=Casp8 PE=1 SV=1	1118,423	1572,733	1389,734	1212,53	1234,599	1098,482	1202,789	1094,362
P47754;A0A0N4SVM0;D6RCW7	19	7	156,9955	0,006825	1,206369	F-actin-capping protein subunit alpha-2 OS=Mus musculus OX=10090 GN=Capza2 PE=1 SV=3	14089,83	12750,17	13033,61	14423,46	11465,77	12358,01	12274,46	11088,38

P83510;B2RQ80;B9EKN8;E OCXD6;EOCY98;EOCZD7;EO CZF8;E9PUL9	22	3	115,8059	0,006911	2,220538	Traf2 and NCK-interacting protein kinase OS=Mus musculus OX=10090 GN=Tnik PE=1 SV=2	135,2747	121,3324	224,2052	305,099	464,8126	328,0199	349,1357	422,9529
Q8R570;B2FDF6;I7HFU4;I7 HPB1;J3JS29 P97820;A0A0A6YVZ8;A0A 0A6YW53;A0A0A6YWJ2;A 0A0A6YWM8;A0A0A6YWR 8;B2RUE8;B7ZNR9;EOCYV5 ;E9PVG7;F8VPL5	16	1	119,7456	0,00716	1,604455	Synaptosomal-associated protein 47 OS=Mus musculus OX=10090 GN=Snap47 PE=1 SV=1	955,2884	1367,937	816,7905	933,6801	773,3802	706,5832	709,5927	777,5131
P19157;A0A494B908;A0A 494BAM8;A0A494BAS3;A 0A494BAU3;A0A494BAW2	14	4	133,5812	0,007674	1,234019	Glutathione S-transferase P 1 OS=Mus musculus OX=10090 GN=Gstp1 PE=1 SV=2	17911,8	17544,7	19932,92	19683,93	25006,3	22539,94	20917,32	19520,06
POC090;A2AVP4	23	3	118,1556	0,007785	6,918082	Roquin-2 OS=Mus musculus OX=10090 GN=Rc3h2 PE=1 SV=1	150,3973	115,8368	43,979	151,8202	631,0818	1887,507	389,9133	287,882
Q3TXS7;D6RGR5;J3QN38 Q8BMJ2;A0A494BA98;A0 A494BBF9	45	11	384,0868	0,008059	1,362965	26S proteasome non-ATPase regulatory subunit 1 OS=Mus musculus OX=10090 GN=Psm1 PE=1 SV=1	9589,906	7964,713	7200,023	10649,58	12095,42	10529,64	13212,53	12417,14
Q9D1D6;A0A2I3BPR1;A0A 2I3BRW6	73	18	546,3785	0,008328	1,865969	Leucine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Lars1 PE=1 SV=2	21711,15	25332,98	25373,81	23680,76	12052,03	14572,4	11579,36	13296,91
Q9D1D6;A0A2I3BPR1;A0A 2I3BRW6	9	2	39,0316	0,008329	1,998412	Collagen triple helix repeat-containing protein 1 OS=Mus musculus OX=10090 GN=Cthrc1 PE=2 SV=2	388,7707	294,4659	489,0793	318,2835	168,7032	315,4295	293,5654	323,9328
P61965;F6Q3W0 Q3UH66;A0A0R4J1Z1;EOC YT1;E0CZE3;E9Q6Q2;E9QJ Q9;E9QM73;E9QMI8;E9Q MI9;F6SRP4	7	1	40,5015	0,008354	2,654722	WD repeat-containing protein 5 OS=Mus musculus OX=10090 GN=Wdr5 PE=1 SV=1	454,4826	321,1411	642,6373	2035,413	2207,121	2012,503	2487,732	2461,188
Q3UGM2;K3W4R8	3	1	17,9801	0,008407	2,472012	Serine/threonine-protein kinase WNK2 OS=Mus musculus OX=10090 GN=Wnk2 PE=1 SV=2	569,8199	494,047	579,4442	760,5316	289,3077	286,1086	238,5126	644,4204
Q8R2N2 Q6ZQL4;A0A3Q4EGD3;A0 A3Q4EHN7	4	3	23,5205	0,008493	1,81216	Serine/threonine-protein kinase Nek10 OS=Mus musculus OX=10090 GN=Nek10 PE=2 SV=2	60,03287	118,0463	90,67767	130,6865	182,8859	141,3107	146,1847	231,9513
Q60596 P56959;G3UXT7;G3UZD2; Q8CFQ9;Q91VQ2	14	2	78,6189	0,008516	1,457217	U3 small nucleolar RNA-associated protein 4 homolog OS=Mus musculus OX=10090 GN=Utp4 PE=2 SV=3	1352,43	1213,333	1578,838	1747,111	2447,109	2050,061	1852,327	2236,006
Q8R2N2 Q6ZQL4;A0A3Q4EGD3;A0 A3Q4EHN7	21	3	157,2769	0,008636	1,303389	WD repeat-containing protein 43 OS=Mus musculus OX=10090 GN=Wdr43 PE=1 SV=2	2454,952	2513,991	2156,159	2219,68	1948,552	1874,994	1791,98	1554,08
Q60596 P56959;G3UXT7;G3UZD2; Q8CFQ9;Q91VQ2	8	1	42,3606	0,008826	1,835265	DNA repair protein XRCC1 OS=Mus musculus OX=10090 GN=Xrcc1 PE=1 SV=2	262,3937	188,0432	288,1414	215,4435	270,033	189,6028	120,3845	216,4141
Q60596 P56959;G3UXT7;G3UZD2; Q8CFQ9;Q91VQ2	33	9	224,5332	0,0089	1,463741	RNA-binding protein FUS OS=Mus musculus OX=10090 GN=Fus PE=1 SV=1	13079,81	10725,54	8445,141	12532,24	8971,856	9235,044	8934,985	9052,69

Q8BGW1	13	2	68,2325	0,009106	2,65937	Alpha-ketoglutarate-dependent dioxygenase FTO OS=Mus musculus OX=10090 GN=Fto PE=1 SV=1	1120,33	762,873	716,5361	1067,48	145,3568	332,7503	498,0119	402,8616
P70670;Q60817	103	20	756,0257	0,009112	1,259748	Nascent polypeptide-associated complex subunit alpha, muscle-specific form OS=Mus musculus OX=10090 GN=Naca PE=1 SV=2	22711,72	22528,52	24336,75	24884,04	29219,21	25673,44	24866,54	22188,97
Q9CYG7	19	7	140,3912	0,009619	1,320242	Mitochondrial import receptor subunit TOM34 OS=Mus musculus OX=10090 GN=Tomm34 PE=1 SV=1	6486,351	4560,49	5706,751	4618,316	7403,603	6841,064	6316,036	6362,029
Q8BHN3	90	39	490,3297	0,00963	1,179004	Neutral alpha-glucosidase AB OS=Mus musculus OX=10090 GN=Ganab PE=1 SV=1	26901,75	25099,97	24942,82	25245,77	23857,91	24473,83	20545,4	21443,39
Q6RUT8;A0A570Y9P0;S4R 1FO	16	2	77,657	0,009665	1,274381	Coiled-coil domain-containing protein 154 OS=Mus musculus OX=10090 GN=Ccdc154 PE=2 SV=3	568,8983	660,5424	708,2293	715,3724	596,2725	501,6523	631,6446	583,3687
P53811;Q8JZZ5	9	1	48,2772	0,009715	1,464287	Phosphatidylinositol transfer protein beta isoform OS=Mus musculus OX=10090 GN=Pitpnb PE=1 SV=2	2200,401	2324,046	2713,58	1842,457	1470,838	1689,949	1582,496	1750,569
Q3THE2;Q9CQ19	22	1	181,5673	0,009732	9,294094	Myosin regulatory light chain 12B OS=Mus musculus OX=10090 GN=Myl12b PE=1 SV=2	224,7082	368,52	295,2851	157,3517	22,99643	229,537	227,3831	182,078
Q8R0X7;D3YY13;D3YZT4;D 3Z1Z3;D6REF7	21	5	134,8013	0,010305	1,426186	Sphingosine-1-phosphate lyase 1 OS=Mus musculus OX=10090 GN=Sgpl1 PE=1 SV=1	2180,406	2234,098	1933,089	1625,1	2098,039	2893,768	2282,223	2232,661
Q6NY15;D6RIK6	28	3	164,6744	0,010588	1,193469	Testis-specific gene 10 protein OS=Mus musculus OX=10090 GN=Tsga10 PE=1 SV=1	1515,612	1434,436	1518,105	1473,068	1268,68	1453,152	1355,201	1161,168
Q9EPR5	10	3	46,1043	0,010976	1,17569	VPS10 domain-containing receptor SorCS2 OS=Mus musculus OX=10090 GN=Sorcs2 PE=1 SV=2	494,4396	454,3645	466,3909	430,374	408,3778	384,8344	381,3359	454,9195
Q8VDP4	31	4	171,9348	0,011068	1,337301	Cell cycle and apoptosis regulator protein 2 OS=Mus musculus OX=10090 GN=Ccar2 PE=1 SV=2	6059,962	5899,31	5640,399	6659,424	6412,204	6424,401	5602,81	6977,94
Q8CBF3	10	2	69,4429	0,011283	1,609065	Ephrin type-B receptor 1 OS=Mus musculus OX=10090 GN=Ephb1 PE=1 SV=1	3794,614	3469,723	3152,08	4534,597	8206,015	5802,75	5343,149	4705,243
P14069	13	9	78,7431	0,011837	3,034497	Protein S100-A6 OS=Mus musculus OX=10090 GN=S100a6 PE=1 SV=3	3120,924	2882,05	4125,518	3083,304	5239,234	1440,789	5432,967	4774,706
D3YWT1;D3Z3N4	12	4	62,4128	0,011964	1,578213	Heterogeneous nuclear ribonucleoprotein H3 OS=Mus musculus OX=10090 GN=Hnrnp3 PE=1 SV=1	651,7505	601,0968	529,6011	778,7028	627,7608	413,8371	753,5669	683,9141
Q9R190	41	11	238,1525	0,012162	1,191514	Metastasis-associated protein MTA2 OS=Mus musculus OX=10090 GN=Mta2 PE=1 SV=1	2661,469	2665,866	2796,444	2704,149	2780,594	2912,425	2431,806	2544,716
Q61171;D3Z4A4	35	22	190,1053	0,012454	1,302945	Peroxiredoxin-2 OS=Mus musculus OX=10090 GN=Prdx2 PE=1 SV=3	51779,38	35985,06	48204,28	45543,35	63345,18	59797,23	58164,38	55193,5
Q3TEI4;A0A1L1SRV4;A0A1 L1SUR6	2	1	14,459	0,012469	1,295106	Uncharacterized protein C15orf39 homolog OS=Mus musculus OX=10090 PE=1 SV=2	17607,45	17537,21	19895,02	21213,74	25523,79	20338,98	24136,32	22879,72

O88207;A0A5F8MQ70 Q69Z99;A0A0J9YTU9;A0A 0J9YTW0;A0A0J9YU29;A0 A0J9YV10	16	2	85,929	0,012533	2,371747	Collagen alpha-1(V) chain OS=Mus musculus OX=10090 GN=Col5a1 PE=1 SV=2	241,1412	165,9743	150,3663	234,2348	485,2896	206,0935	473,747	474,1888
O08760	2	1	8,9703	0,012778	4,125796	N-glycosylase/DNA lyase OS=Mus musculus OX=10090 GN=Ogg1 PE=1 SV=2	55,131	106,8085	63,16845	79,82254	146,4987	350,5342	111,0743	649,9737
Q9D0M3;A0A2R8VHK1	20	4	115,0034	0,012792	1,309563	Cytochrome c1, heme protein, mitochondrial OS=Mus musculus OX=10090 GN=Cyc1 PE=1 SV=1	4492,625	3901,391	3423,554	3131,473	4137,554	3579,666	3331,322	3782,592
Q3UGC7;Q66JS6	8	1	69,5094	0,012925	2,297862	Eukaryotic translation initiation factor 3 subunit J-A OS=Mus musculus OX=10090 GN=Eif3j1 PE=2 SV=1	439,3546	186,1699	260,0249	200,5899	843,6957	724,656	348,0278	579,419
Q60674	5	1	21,3467	0,013001	1,562306	Nuclear receptor subfamily 1 group D member 2 OS=Mus musculus OX=10090 GN=Nr1d2 PE=1 SV=1	518,1148	803,504	696,4847	581,5013	1201,79	828,5774	1054,87	976,1397
P40240 P20357;A0A668KLC6;F7AL C8;G3UZE9;G3UZK9;Q3TL Q0;Q80X35;Q80ZL4	6	1	49,4495	0,01301	2,186686	CD9 antigen OS=Mus musculus OX=10090 GN=Cd9 PE=1 SV=2	302,0979	328,9869	395,216	260,6017	119,6068	177,9049	200,1875	90,81805
P32037	69	8	427,985	0,013427	1,367615	Microtubule-associated protein 2 OS=Mus musculus OX=10090 GN=Map2 PE=1 SV=2	1315,771	1240,763	1203,667	1095,542	731,4653	987,6295	1044,78	1075,48
P08551 O08579;B7FAU5;I7HJS1;Q 3THM8 H7BX14;A0A0U1RNS7;A0A 0U1RPF7;D3YWG5;D3YY0 6;D3YZ84;D6RH65;Q8BMZ 5	27	11	146,6203	0,014303	1,293419	Solute carrier family 2, facilitated glucose transporter member 3 OS=Mus musculus OX=10090 GN=Slc2a3 PE=1 SV=1	23116,46	19695,1	16722,36	22116,17	17454,37	18045,35	15240,81	16654,27
P16381	27	4	163,5856	0,014598	2,095807	Neurofilament light polypeptide OS=Mus musculus OX=10090 GN=Nefl PE=1 SV=5	523,416	286,7839	210,113	505,6567	845,6185	495,9921	652,507	716,4434
Q62167 Q8VDM4;A0A338P6M5;A0 A338P6S9;A0A338P7H4;E 9Q2S8	15	6	105,2123	0,014685	1,627032	Emerin OS=Mus musculus OX=10090 GN=Emd PE=1 SV=1	1655,331	1704,935	1282,505	2428,554	2488,262	1567,853	1642,531	2035,082
A0A087WRB8	11	1	87,0962	0,014735	1,522959	tRNA-splicing endonuclease subunit Sen34 OS=Mus musculus OX=10090 GN=Tsen34 PE=1 SV=1	554,4551	671,4124	733,2883	706,02	1103,194	1061,391	864,6681	695,6649
	56	2	353,1929	0,014743	1,177931	Putative ATP-dependent RNA helicase Pl10 OS=Mus musculus OX=10090 GN=D1Pas1 PE=1 SV=1	3304,943	3149,847	3120,638	3627,874	2676,251	2877,816	3095,545	2845,853
	66	3	447,1384	0,014743	1,177931	ATP-dependent RNA helicase DDX3X OS=Mus musculus OX=10090 GN=Ddx3x PE=1 SV=3	18361,59	17499,91	17337,63	20155,73	14868,71	15988,56	17198,22	15810,98
	70	24	535,5558	0,014814	1,584268	26S proteasome non-ATPase regulatory subunit 2 OS=Mus musculus OX=10090 GN=Psm2 PE=1 SV=1	7224,594	5314,925	4377,611	7865,055	12197,01	7840,027	9786,647	9437,939
	26	1	149,6038	0,014832	1,67452	Dystonin (Fragment) OS=Mus musculus OX=10090 GN=Dst PE=1 SV=1	297,8254	513,9024	439,0961	320,5864	285,0286	511,0024	372,6966	323,7717



Q8BU03	28	9	174,6657	0,014886	1,150681	Periodic tryptophan protein 2 homolog OS=Mus musculus OX=10090 GN=Pwp2 PE=1 SV=1	2995,122	3106,728	2935,821	2860,285	2634,85	2849,04	2388,241	2467,796
Q8CI51;A0A0G2JEJ0;A0A0 G2JGZ5;D9J2Z9;D9J300;D9 J301;D9J302;D9J303;E9Q8 P5;F8WJI6;Q9CRA2	17	2	97,3566	0,014898	3,780532	PDZ and LIM domain protein 5 OS=Mus musculus OX=10090 GN=Pdlim5 PE=1 SV=4 Retinoid-inducible serine carboxypeptidase	91,83369	13,98694	67,25431	52,12065	227,3051	64,177	175,3561	174,1068
Q920A5	14	2	84,6838	0,014905	1,914272	OS=Mus musculus OX=10090 GN=Scpep1 PE=1 SV=2	277,8877	197,1283	323,791	366,0134	410,988	249,7964	218,414	472,124
Q6ZQ06	5	2	33,7864	0,015833	1,621364	Centrosomal protein of 162 kDa OS=Mus musculus OX=10090 GN=Cep162 PE=1 SV=2	6410,485	7361,331	11559,8	5582,694	7849,119	7665,186	9380,669	7343,996
Q8CCK0	13	1	75,5405	0,015955	1,231011	Core histone macro-H2A.2 OS=Mus musculus OX=10090 GN=Macroh2a2 PE=1 SV=3	460,6246	423,282	456,6667	421,1706	488,4721	506,5683	412,0756	385,2862
P17809	7	1	43,9055	0,015957	1,337961	Solute carrier family 2, facilitated glucose transporter member 1 OS=Mus musculus OX=10090 GN=Slc2a1 PE=1 SV=4	5009,619	5090,13	4131,117	4826,659	5326,229	4338,897	3512,98	4174,376
Q9JHP7	7	2	33,0587	0,015975	2,104689	Protein O-glucosyltransferase 2 OS=Mus musculus OX=10090 GN=Poglut2 PE=1 SV=1	310,1152	266,1409	184,5983	376,8657	495,5607	883,571	469,1677	546,2475
Q8BNU0	10	1	67,5916	0,015992	1,261334	Armadillo repeat-containing protein 6 OS=Mus musculus OX=10090 GN=Armc6 PE=1 SV=1	2048,505	1822,574	1791,042	2170,993	2535,334	2545,317	2335,277	2247,214
Q8C650;A0A0R4J233;A0A 1W2P617	25	1	167,3783	0,016021	1,514351	Septin-10 OS=Mus musculus OX=10090 GN=Septin10 PE=1 SV=1	1820,435	1770,315	1770,341	1770,977	1197,32	1398,198	1322,857	791,2777
Q8VDN2	71	15	501,3009	0,016133	1,175495	Sodium/potassium-transporting ATPase subunit alpha-1 OS=Mus musculus OX=10090 GN=Atp1a1 PE=1 SV=1	25161,74	24717,77	22725,43	24286,31	21438,01	23886,49	20757,28	20160,13
B2RW38	18	1	73,0299	0,01654	3,155295	Cilia- and flagella-associated protein 58 OS=Mus musculus OX=10090 GN=Cfap58 PE=1 SV=1	8509,079	8587,302	19001,01	3539,955	2787,881	4717,627	3138,515	2290,938
Q9CQA6	1	1	6,0491	0,016569	2,522582	Coiled-coil-helix-coiled-coil-helix domain- containing protein 1 OS=Mus musculus OX=10090 GN=Chchd1 PE=1 SV=1	3582,19	1084,738	509,9917	1175,808	2705,489	2563,581	3309,608	3154,93
Q3UHK8	8	2	50,1425	0,016908	2,494854	Trinucleotide repeat-containing gene 6A protein OS=Mus musculus OX=10090 GN=Tnrc6a PE=1 SV=2	1149,393	1139,45	849,9881	687,4533	1190,256	3088,533	1346,285	1572,511
Q9D903;A2ACZ1	15	5	101,5225	0,016963	1,312558	Probable rRNA-processing protein EBP2 OS=Mus musculus OX=10090 GN=Ebna1bp2 PE=2 SV=1	3852,378	3338,072	3460,219	3742,02	3724,99	3907,55	3138,11	2972,987
Q8CDM1	35	1	222,1752	0,016982	1,381332	ATPase family AAA domain-containing protein 2 OS=Mus musculus OX=10090 GN=Atad2 PE=1 SV=1	326,0998	291,0599	266,8208	335,1719	325,6859	211,12	236,9962	250,09
O08547;A0A0G2JF08;D6R E52;E9Q6R3	19	7	129,6685	0,017215	1,216696	Vesicle-trafficking protein SEC22b OS=Mus musculus OX=10090 GN=Sec22b PE=1 SV=3	12261,93	11924,43	11208,27	11693,63	8802,864	11086,41	9168,119	9644,36

Q91ZA3;D3YWM4;H3BL62	18	4	82,4298	0,017246	1,108156	Propionyl-CoA carboxylase alpha chain, mitochondrial OS=Mus musculus OX=10090 GN=Pcca PE=1 SV=2	3647,843	3570,063	3489,732	3631,899	3296,533	3644,429	3273,223	3124,358
Q8C627	10	1	54,2551	0,017315	2,978992	Protein FAM221B OS=Mus musculus OX=10090 GN=Fam221b PE=2 SV=1	151,0432	165,9366	99,05096	85,45137	239,0969	537,6415	198,1586	294,9655
Q2KN98;A0A0R4J0J8;A0A1W2P785	26	2	127,2101	0,01753	1,56979	Cytospin-A OS=Mus musculus OX=10090 GN=Specc1l PE=1 SV=1	352,846	273,2622	341,0147	233,614	458,377	358,0916	493,1267	575,3093
D3YWX2;E9Q803;F6YTL8;Q9R0I7	64	10	360,8244	0,017778	1,619552	YLP motif-containing protein 1 OS=Mus musculus OX=10090 GN=Ylpm1 PE=1 SV=2	6500,975	4771,526	7063,025	8917,135	5386,608	4620,677	4517,112	3802,622
Q8K4L3;A0A1B0GS91;E9Q3Z5;Q8K4L2	18	4	80,2757	0,017781	1,265939	Supervillin OS=Mus musculus OX=10090 GN=Svil PE=1 SV=1	1918,177	2468,009	2234,741	2072,431	2970,843	2808,837	2797,22	2428,361
P61222	31	10	214,4492	0,018171	1,114116	ATP-binding cassette sub-family E member 1 OS=Mus musculus OX=10090 GN=Abce1 PE=1 SV=1	8230,925	8336,674	8605,335	8618,308	8968,383	9006,444	9147,421	8270,064
Q8C6E0	5	1	28,2721	0,018181	1,799731	Cilia- and flagella-associated protein 36 OS=Mus musculus OX=10090 GN=Cfap36 PE=1 SV=1	1455,081	1705,882	1426,188	1917,296	1278,875	1327,602	857,2615	869,5344
P21126	12	2	94,5305	0,018235	1,26971	Ubiquitin-like protein 4A OS=Mus musculus OX=10090 GN=Ubl4a PE=1 SV=1	1937,724	1881,415	1849,849	2004,066	2711,941	2547,213	2307,546	2175,851
P35294	3	1	17,4721	0,018293	1,450898	Ras-related protein Rab-19 OS=Mus musculus OX=10090 GN=Rab19 PE=1 SV=3	5456,99	4185,238	4370,941	6143,908	6782,783	6499,938	8176,11	6850,521
E9Q3S4;A0A087WS76;A0A140LHL6	6	1	22,63	0,01832	2,226888	Mitogen-activated protein kinase kinase 19 OS=Mus musculus OX=10090 GN=Map3k19 PE=3 SV=1	489,5645	1258,018	1006,829	687,4693	806,6811	1419,787	723,3922	672,2253
Q99KF1;A0A286YDS5	14	3	87,7256	0,018526	1,32818	Transmembrane emp24 domain-containing protein 9 OS=Mus musculus OX=10090 GN=Tmed9 PE=1 SV=2	1050,395	966,1473	893,6139	1042,258	704,7529	814,6736	737,7393	811,4267
Q61074;A0A0J9YVG0	10	2	54,4078	0,018527	2,049513	Protein phosphatase 1G OS=Mus musculus OX=10090 GN=Ppm1g PE=1 SV=3	634,4152	259,3154	717,6218	597,6853	1035,88	965,8639	1508,162	1017,545
P62264;D3YVF4;D3Z711	28	11	149,0156	0,018664	2,230222	40S ribosomal protein S14 OS=Mus musculus OX=10090 GN=Rps14 PE=1 SV=3	8253,685	22202,88	16664,03	8512,463	8651,308	7069,8	6840,064	5797,691
P83741;F6U2S8;F7CZC4	11	2	64,6344	0,019166	1,781307	Serine/threonine-protein kinase WNK1 OS=Mus musculus OX=10090 GN=Wnk1 PE=1 SV=2	625,3122	676,8825	637,8869	879,5364	1334,632	839,2734	1499,136	1349,565
P47753;A0A0G2JE27;Q5RKN9	18	4	135,5998	0,019414	1,702424	F-actin-capping protein subunit alpha-1 OS=Mus musculus OX=10090 GN=Capza1 PE=1 SV=4	4584,736	3716,023	3302,496	4759,234	5957,417	5348,417	7416,373	9133,692
Q8C0I1;H3BKN2	40	3	279,7124	0,01949	1,252066	Alkyldihydroxyacetonephosphate synthase, peroxisomal OS=Mus musculus OX=10090 GN=Agps PE=1 SV=1	6105,564	5938,286	6022,756	5690,568	7551,513	7654,246	6218,575	5890,7
Q9Z1T6;A0A087WQI1;D3Z5N5	13	2	75,7189	0,019516	1,632768	1-phosphatidylinositol 3-phosphate 5-kinase OS=Mus musculus OX=10090 GN=Pikfyve PE=1 SV=3	855,7567	391,3307	524,5247	659,9352	806,6106	753,2113	912,2157	1061,269

Q9D1P4;A0A1L1SSG7;A0A1L1STQ1;A0A1L1STZ1;A0A1L1SU22	18	2	114,4693	0,019803	1,427702	Cysteine and histidine-rich domain-containing protein 1 OS=Mus musculus OX=10090 GN=Chordc1 PE=1 SV=1	1805,973	1755,751	1734,964	2161,489	3006,973	2653,577	2296,695	1917,796
P80318;E9Q133;F6Q609;F6ZVG8;Q3U0I3	83	28	581,9774	0,019809	1,229667	T-complex protein 1 subunit gamma OS=Mus musculus OX=10090 GN=Cct3 PE=1 SV=1	47712,64	49226	51458,62	56522,65	65557,68	56116,25	54749,05	50840,44
Q00PI9	36	6	268,396	0,019972	1,494199	Heterogeneous nuclear ribonucleoprotein U-like protein 2 OS=Mus musculus OX=10090 GN=Hnrnpul2 PE=1 SV=2	654,9272	587,6749	529,6319	591,0225	1016,763	920,0672	837,9827	756,3637
P04223	21	2	130,2585	0,020434	1,33106	H-2 class I histocompatibility antigen, K-K alpha chain OS=Mus musculus OX=10090 GN=H2-K1 PE=1 SV=1	1212,575	969,0618	1152,936	1068,865	1001,09	890,2236	931,4033	715,7771
Q3UKJ7	30	6	191,811	0,020466	1,309881	WD40 repeat-containing protein SMU1 OS=Mus musculus OX=10090 GN=Smu1 PE=2 SV=2	2501,289	1892,078	2448,596	2470,316	2404,264	2236,227	1961,569	2498
P37040;E9PVT9;E9Q997;Q05DV1	50	20	343,398	0,020902	1,217206	NADPH--cytochrome P450 reductase OS=Mus musculus OX=10090 GN=Por PE=1 SV=2	11536,19	12073,35	11205,11	11994,92	9326,021	11685,65	10189,37	10937,97
Q4VAA2;A0A087WNP6;A0A087WRM0	15	3	70,2634	0,021476	1,786972	Protein CDV3 OS=Mus musculus OX=10090 GN=Cdv3 PE=1 SV=2	370,4459	253,1642	353,4729	275,3224	363,5105	258,0428	522,4825	466,2772
Q8R050;F7CE88	39	9	228,9726	0,021483	1,202074	Eukaryotic peptide chain release factor GTP-binding subunit ERF3A OS=Mus musculus OX=10090 GN=Gsp1 PE=1 SV=2	4851,857	4709,68	4667,55	5113,614	6561,28	6003,492	5426,578	5260,007
Q99LB6;E0CYU5	14	5	78,9983	0,021897	1,265173	Methionine adenosyltransferase 2 subunit beta OS=Mus musculus OX=10090 GN=Mat2b PE=1 SV=1	1713,366	1872,588	2267,358	1958,8	2691,717	2292,168	2265,622	2024,795
Q9Z0R9	8	2	54,4978	0,022043	1,404218	Acyl-CoA 6-desaturase OS=Mus musculus OX=10090 GN=Fads2 PE=1 SV=1	1224,531	1253,134	1176,481	960,3834	650,4303	835,74	882,0526	917,9681
Q9WUK2	14	4	93,7006	0,022182	1,254134	Eukaryotic translation initiation factor 4H OS=Mus musculus OX=10090 GN=Eif4h PE=1 SV=3	6825,548	5119,458	7298,06	6818,366	8337,283	8065,756	7834,989	8446,489
Q14C51;A0A0U1RQ61	43	6	278,5966	0,022533	1,306863	Pentatricopeptide repeat domain-containing protein 3, mitochondrial OS=Mus musculus OX=10090 GN=Ptcd3 PE=1 SV=2	3600,646	3508,335	3490,97	3709,401	3422,828	3404,584	2936,954	2475,919
Q9EQF6	7	1	50,1896	0,022955	1,272068	Dihydropyrimidinase-related protein 5 OS=Mus musculus OX=10090 GN=Dpys15 PE=1 SV=1	437,8611	467,3733	375,9843	445,6622	385,2495	427,2223	311,8883	335,167
Q80W00	28	8	163,8757	0,023291	1,210883	Serine/threonine-protein phosphatase 1 regulatory subunit 10 OS=Mus musculus OX=10090 GN=Ppp1r10 PE=1 SV=1	2973,2	2372,072	2648,307	2724,037	2362,841	2240,637	2155,552	2092,041
Q6ZPR6	5	2	26,9257	0,023597	1,390153	Inhibitor of Bruton tyrosine kinase OS=Mus musculus OX=10090 GN=Ibtk PE=1 SV=3	2912,378	2050,693	1777,323	2246,319	2424,371	2080,058	2309,52	2595,403
B1AXN3	6	1	28,6093	0,023719	2,175126	Predicted gene 382 OS=Mus musculus OX=10090 GN=Gm382 PE=4 SV=1	1701,833	833,177	1514,27	981,57	3076,325	2597,958	1032,512	2621,619

Q922F4	111	4	430,6077	0,023795	1,309699	Tubulin beta-6 chain OS=Mus musculus OX=10090 GN=Tubb6 PE=1 SV=1	600,7584	472,5924	553,4624	505,0262	739,4359	579,7371	755,6121	717,2822
Q9CZX8;D3YUG3;D3YUT3; D3Z5R8;D3Z722;S4R223	27	14	164,2764	0,023933	1,128474	40S ribosomal protein S19 OS=Mus musculus OX=10090 GN=Rps19 PE=1 SV=3	14629,14	15084,7	14898,44	14863,38	18133,47	17542,68	16616,77	14823,79
Q9D3D9;D3Z7S4	12	5	74,6202	0,023954	1,838209	ATP synthase subunit delta, mitochondrial OS=Mus musculus OX=10090 GN=Atp5f1d PE=1 SV=1	3192,251	3221,216	2203,172	1329,793	1600,059	1467,742	1452,494	1405,933
Q6NXI6;A0A0G2JFN1;A0A 0G2JFW6	22	3	125,1715	0,023968	1,426063	Regulation of nuclear pre-mRNA domain- containing protein 2 OS=Mus musculus OX=10090 GN=Rprd2 PE=1 SV=1	5846,102	5136,92	7895,398	6572,292	9056,562	7551,12	8495,009	6290,369
O88508;G3UX07;G3UXY2; G3UZK0	31	3	159,4424	0,024042	1,536762	DNA (cytosine-5)-methyltransferase 3A OS=Mus musculus OX=10090 GN=Dnmt3a PE=1 SV=2	4648,595	4053,585	3370,879	5628,929	4661,894	6008,544	5378,008	4585,038
Q8BMQ2	10	1	61,7289	0,024076	2,116762	General transcription factor 3C polypeptide 4 OS=Mus musculus OX=10090 GN=Gtf3c4 PE=1 SV=2	113,6124	94,0798	97,43755	80,30302	99,67416	168,6247	244,2175	88,41522
P52293;A2A600;A2A601;A 2A602;A6PW68;F2Z431	45	24	298,3811	0,024111	1,451141	Importin subunit alpha-1 OS=Mus musculus OX=10090 GN=Kpna2 PE=1 SV=2	42080,22	43989,82	44694,94	45739,92	44466,54	48234,02	30773,07	32021,8
P51432;A0A494B9C1;A0A 494BAY4	42	5	218,5774	0,024544	1,24558	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3 OS=Mus musculus OX=10090 GN=Plcb3 PE=1 SV=2	868,5228	736,8628	811,3146	880,9893	633,5599	718,8716	694,526	600,5556
Q9R1C7;A0A1B0GRU8;A0 A1B0GSF1;A0A6Q6PUT5;A 2AQW6	48	7	294,1209	0,024727	1,345448	Pre-mRNA-processing factor 40 homolog A OS=Mus musculus OX=10090 GN=Prpf40a PE=1 SV=1	2912,131	4320,331	3138,19	2845,663	2277,247	2897,564	2388,301	2347,846
Q3ULD5;Q6PD20	27	2	167,7348	0,024849	1,223913	Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial OS=Mus musculus OX=10090 GN=Mccc2 PE=1 SV=1	3598,363	2835,278	2854,639	3422,703	2861,448	2566,021	2562,551	2788,347
Q9D695	2	2	9,831	0,024916	1,750928	Serpin B7 OS=Mus musculus OX=10090 GN=Serpinb7 PE=2 SV=1	127,1275	219,776	203,9421	152,8935	145,6013	189,7364	136,2126	114,712
Q8BHT6	1	1	8,1264	0,024954	1,83645	Beta-1,3-glucosyltransferase OS=Mus musculus OX=10090 GN=B3glct PE=1 SV=3	86573,17	67130,31	44527,92	72374,19	126771,1	139588,7	71996,92	82831,58
Q9D1C9	4	1	31,014	0,025036	1,519105	Ribosomal RNA-processing protein 7 homolog A OS=Mus musculus OX=10090 GN=Rrp7a PE=2 SV=1	18581,46	14978,66	18477,56	19339,39	21458,3	30751,87	17857,14	27424,98
E9Q912;A0A0G2JGC8	32	8	210,508	0,025159	1,222989	Rap1 GTPase-GDP dissociation stimulator 1 OS=Mus musculus OX=10090 GN=Rap1gds1 PE=2 SV=1	4577,006	3503,948	3435,29	4185,378	3683,667	3808,166	3726,433	4161,686
Q60737;A2ANR6;P30275; Q6N5S6	35	10	231,6152	0,02558	1,229226	Casein kinase II subunit alpha OS=Mus musculus OX=10090 GN=Csnk2a1 PE=1 SV=2	28201,46	33564,26	28297,8	31812,98	26751,43	24348,23	24252,23	23797,07
A2AKI0	2	1	9,5704	0,02569	1,853438	StAR-related lipid transfer protein 9 (Fragment) OS=Mus musculus OX=10090 GN=Stard9 PE=4 SV=2	3579,461	1943,415	1671,99	2868,263	4152,764	4199,49	5391,165	4907,966

P31254	47	9	291,6954	0,026098	1,244346	Ubiquitin-like modifier-activating enzyme 1 Y OS=Mus musculus OX=10090 GN=Uba1y PE=1 SV=2	9335,104	8090,767	7630,494	8816,931	7637,991	8467,991	7263,281	6845,36
P14094;A0A0A6YX05	5	1	24,2155	0,0263	4,945048	Sodium/potassium-transporting ATPase subunit beta-1 OS=Mus musculus OX=10090 GN=Atp1b1 PE=1 SV=1	81,9316	11,70722	0	0	70,07007	87,7529	122,9366	182,2889
Q64310;E0CXD9;F7CH13	14	7	103,69	0,026343	1,295648	Surfeit locus protein 4 OS=Mus musculus OX=10090 GN=Surf4 PE=1 SV=1	14576,22	12036,4	11656,34	15628,41	10088,94	9472,718	11347,59	10689,53
Q9CWX9	58	17	382,3513	0,027124	1,212226	Bifunctional purine biosynthesis protein ATIC OS=Mus musculus OX=10090 GN=Atic PE=1 SV=2	18524,7	19623,37	20707,65	21913,82	28507,55	23977,22	22509,78	20973,65
P61971	8	5	47,1518	0,027281	1,305259	Nuclear transport factor 2 OS=Mus musculus OX=10090 GN=Nutf2 PE=1 SV=1	9908,253	8997,623	9474,118	11240,02	15489,86	11436,22	12915,94	10677,4
E9Q264	26	1	130,2705	0,027388	7,286316	Myosin, heavy chain 15 OS=Mus musculus OX=10090 GN=Myh15 PE=1 SV=1	71,10125	61,06879	14,8193	43,25707	49,45992	178,4326	20,42096	8,178066
Q8BMD8	19	5	118,1315	0,027892	1,365252	Calcium-binding mitochondrial carrier protein SCaMC-1 OS=Mus musculus OX=10090 GN=Slc25a24 PE=1 SV=1	3745,17	4900,152	2923,355	3692,987	2575,288	2777,958	2943,23	2882,165
Q640M1	46	7	284,0435	0,028564	1,306974	U3 small nucleolar RNA-associated protein 14 homolog A OS=Mus musculus OX=10090 GN=Utp14a PE=1 SV=1	3367,724	3092,993	3207,572	3443,143	3945,43	3416,841	4943,336	4830,694
H3BJZ2	3	1	10,3654	0,028789	3,176287	Cadherin-related family member 4 OS=Mus musculus OX=10090 GN=Cdhr4 PE=1 SV=1	454,9249	354,6029	143,6672	496,0342	193,1281	755,8285	521,6949	795,0149
G5E861	8	1	37,5952	0,029188	1,326235	Sodium channel and clathrin linker 1 OS=Mus musculus OX=10090 GN=Sc1t1 PE=1 SV=1	983,2013	989,7955	915,29	853,0856	977,7103	1054,162	994,2441	1228,814
P17182;B0QZL1;B1ARR6;B1ARR7;Q6PHC1	102	30	602,619	0,029316	1,472584	Alpha-enolase OS=Mus musculus OX=10090 GN=Eno1 PE=1 SV=3	31480,69	26861,8	33407,45	44368,74	63165,51	43813,59	45898,17	47568,98
B2RUS0;E9PUC8	11	2	49,0971	0,02933	2,363874	Transient receptor potential cation channel, subfamily M, member 3 OS=Mus musculus OX=10090 GN=Trpm3 PE=1 SV=1	411,1998	471,5583	383,5635	1167,286	1236,134	501,2255	1384,84	1394,75
E9PWQ3	25	1	120,1333	0,029331	1,792952	Collagen, type VI, alpha 3 OS=Mus musculus OX=10090 GN=Col6a3 PE=1 SV=2	548,7247	533,2565	595,7287	501,5582	313,8308	172,4119	591,8509	372,101
E9PV14;A2AUK5;A2AUK7;A2AUK8	70	8	444,2688	0,029657	2,41451	Band 4.1-like protein 1 OS=Mus musculus OX=10090 GN=Epb4111 PE=1 SV=2	2401,947	1876	3655,275	2818,929	7244,368	2668,183	3505,224	3126,018
P35276;D3YW33;D3YWL1	23	4	147,7555	0,029719	1,451543	Ras-related protein Rab-3D OS=Mus musculus OX=10090 GN=Rab3d PE=1 SV=1	1220,471	1132,154	1314,006	1054,376	1765,35	2086,869	1677,803	1322,723
Q6P5F6;A0A087WQF7;A0A087WRC8	4	1	18,1986	0,030045	1,195704	Zinc transporter ZIP10 OS=Mus musculus OX=10090 GN=Slc39a10 PE=1 SV=1	1786,694	1830,852	2045,284	1777,083	1403,916	1712,866	1670,38	1804,009
P42669	11	1	54,7531	0,03022	1,639785	Transcriptional activator protein Pur-alpha OS=Mus musculus OX=10090 GN=Pura PE=1 SV=1	1361,875	495,2961	1040,912	1243,652	1719,557	1819,025	1433,615	1629,838
A0A111SUD9;A0A2I3BPI0;Q8C5V8	9	1	49,3011	0,030522	3,996819	Coiled-coil domain-containing protein 187 OS=Mus musculus OX=10090 GN=Ccdc187 PE=1 SV=1	1334,74	266,1966	78,48628	1537,116	2606,012	2365,906	2334,504	3037,283

Q9WVR4	31	1	195,3481	0,030531	1,307301	Fragile X mental retardation syndrome-related protein 2 OS=Mus musculus OX=10090 GN=Fxr2 PE=1 SV=1	4177,106	3742,052	4179,339	3939,152	2851,931	3378,553	3316,968	3265,01
Q99L48	16	1	111,234	0,03087	1,578075	60S ribosomal export protein NMD3 OS=Mus musculus OX=10090 GN=Nmd3 PE=1 SV=1	1134,658	833,2036	691,9628	834,7931	585,9462	700,3975	456,081	472,0568
P63321;A0A1Y7VL93;Q9J1W9	8	3	59,8955	0,030939	1,228777	Ras-related protein Ral-A OS=Mus musculus OX=10090 GN=Rala PE=1 SV=1	3492,752	3307,736	3287,92	2898,733	2628,519	3012,615	2416,019	2512,01
O55125;Q5SVG6	20	7	124,1785	0,031234	1,219458	Protein NipSnap homolog 1 OS=Mus musculus OX=10090 GN=Nipsnap1 PE=1 SV=1	9686,745	8092,977	7782,192	9033,532	6982,774	7681,499	6699,223	7006,041
Q8BWZ3	26	6	127,0452	0,031309	1,588217	N-alpha-acetyltransferase 25, NatB auxiliary subunit OS=Mus musculus OX=10090 GN=Naa25 PE=1 SV=1	1111,724	1321,408	1796,334	1844,866	2336,001	2285,98	2473,127	2552,253
Q9D1E6	7	1	29,3339	0,031517	3,986632	Tubulin-folding cofactor B OS=Mus musculus OX=10090 GN=Tbcb PE=1 SV=2	270,5049	231,9709	190,6101	90,90189	513,3465	130,8833	235,2463	806,6385
Q8CI11;A0A2I3BPZ6;A0A2I3BR32;A0A2I3BRV9	33	6	216,2798	0,031664	1,680684	Guanine nucleotide-binding protein-like 3 OS=Mus musculus OX=10090 GN=Gnl3 PE=1 SV=2	1409,657	750,8531	1028,553	1598,144	1408,283	727,8059	1109,508	1449,324
K3W4T3;Q9Z1G4	31	2	228,8957	0,031678	1,429214	V-type proton ATPase subunit a OS=Mus musculus OX=10090 GN=Atp6v0a1 PE=1 SV=1	7613,69	9779,556	5980,911	7067,303	13467,42	10341,88	10572,31	9125,75
A0A0R4J008;P70288;Q8BQ10	25	4	180,1134	0,032253	1,237416	Histone deacetylase 2 OS=Mus musculus OX=10090 GN=Hdac2 PE=1 SV=1	9956,201	9954,513	8150,711	8954,438	6894,963	8226,111	7497,644	7295,11
A2AG50;A2AG51	20	6	133,1168	0,032389	1,632035	MAP7 domain-containing protein 2 OS=Mus musculus OX=10090 GN=Map7d2 PE=1 SV=1	4873,297	5256,616	4190,37	5216,613	5175,509	5038,493	2981,306	2928,487
Q9CZ42;J3QMM7;J3QN06;J3QPU6;K3W4M4	17	2	136,5199	0,032468	1,221853	ATP-dependent (S)-NAD(P)H-hydrate dehydratase OS=Mus musculus OX=10090 GN=Naxd PE=1 SV=1	3787,105	4067,426	4506,408	3993,813	5388,575	4508,633	4116,409	4288,398
P70677;A0A1B0GRX1	20	4	145,5603	0,032609	1,625788	Caspase-3 OS=Mus musculus OX=10090 GN=Casp3 PE=1 SV=1	406,2444	343,9227	403,6024	637,4313	731,4274	556,4236	869,5374	650,7881
Q6V455	13	2	58,5952	0,03264	3,720784	Protein sidekick-2 OS=Mus musculus OX=10090 GN=Sdk2 PE=1 SV=1	89,47398	6,794818	14,86824	62,08466	91,99551	46,76142	62,96153	166,5067
Q9Z2I8;A0A0N4SWD1	32	8	261,1886	0,032846	1,187677	Succinate--CoA ligase [GDP-forming] subunit beta, mitochondrial OS=Mus musculus OX=10090 GN=Suclg2 PE=1 SV=3	12324,8	11549,82	11255,77	11559,47	11649,19	10918,75	9619,751	9163,01
Q6P542	38	8	230,0954	0,03291	1,235577	ATP-binding cassette sub-family F member 1 OS=Mus musculus OX=10090 GN=Abcf1 PE=1 SV=1	4925,596	5232,308	4633,305	5234,422	5854,479	6561,548	5601,019	4731,225
P57759;D6RG87;F8WIM7;F8WJI4	25	12	183,7479	0,033126	1,156352	Endoplasmic reticulum resident protein 29 OS=Mus musculus OX=10090 GN=Erp29 PE=1 SV=2	31290,28	28967,76	28438,47	31569,37	23484,76	29269,15	25789,2	25461,49
Q6NV52;D3Z1Y4;F6TNB3;F7AGT6;Q99LH8;Q9JJ11	11	2	60,2722	0,033173	1,357048	Transforming acidic coiled-coil-containing protein 3 OS=Mus musculus OX=10090 GN=Tacc3 PE=1 SV=1	1021,177	1166,62	1202,544	980,6203	1224,135	1468,523	1416,747	1822,198

P70333	49	3	224,2879	0,033365	1,176363	Heterogeneous nuclear ribonucleoprotein H2 OS=Mus musculus OX=10090 GN=Hnrnp2 PE=1 SV=1	8435,929	8039,297	7513,098	8809,988	7594,715	6309,442	7072,479	6904,49
Q8BP47;A0A494B927;A0A494B949;A0A494B996;A0A494B9G0;A0A494BAW6;A0A494BAX5;A0A494BB89;A0A498WVK2	36	10	269,0125	0,033581	1,208932	Asparagine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=NARS1 PE=1 SV=2	3869,992	3763,507	3359,571	4224,899	3934,353	4656,074	4359,506	4020,198
O35343;A0A0B4J1E7;D3YT N1	13	8	115,9383	0,033888	1,22825	Importin subunit alpha-3 OS=Mus musculus OX=10090 GN=Kpna4 PE=1 SV=1	4408,416	4105,605	3807,021	4239,532	3671,28	2880,692	3376,16	3554,932
Q60931;J3QMG3	40	16	232,7958	0,034108	1,225542	Voltage-dependent anion-selective channel protein 3 OS=Mus musculus OX=10090 GN=Vdac3 PE=1 SV=1	39307,11	32779,52	32464,12	35269,51	31055,89	31424,63	26842,03	24765,98
Q8BGJ5;E9QMW9;F7AXP1;Q8CB58;Q922I7	41	4	268,4143	0,034279	1,252396	Polypyrimidine tract-binding protein 1 OS=Mus musculus OX=10090 GN=Ptp1 PE=1 SV=1	18537,53	16666,62	15577,02	17764,64	13942,17	15891,41	13339,97	11558,19
E9QM38	29	1	161,5885	0,034458	1,294737	Solute carrier family 12 member 2 OS=Mus musculus OX=10090 GN=Slc12a2 PE=1 SV=1	525,5401	431,31	375,9076	530,0488	608,3393	549,5217	463,4267	517,5593
Q9Z1Z2	27	7	173,3659	0,03501	1,215178	Serine-threonine kinase receptor-associated protein OS=Mus musculus OX=10090 GN=Strap PE=1 SV=2	5216,689	5926,394	5674,345	5022,517	6253,527	6628,454	6267,813	5166,272
A0A1W2P710;A0A1W2P6J4;A0A1W2P6R5;A0A1W2P6X8;A0A1W2P7D6;A0A1W2P7E9;A0A1W2P7K9;A0A1W2P7P9;A0A1W2P7Q8;A0A1W2P7S7;A0A1W2P7V4;A0A1W2P893;A0A1Y7VJB2;A0A1Y7VK90;D3Z145;D6REF4;Q91YE9	1	1	4,5314	0,035043	2,104267	Cytosolic 5'-nucleotidase 1B OS=Mus musculus OX=10090 GN=Nt5c1b PE=4 SV=1	747,7209	523,9979	1021,552	395,1672	424,344	789,8055	467,5261	534,539
A2APB8	16	1	76,8448	0,035046	1,531862	Targeting protein for Xklp2 OS=Mus musculus OX=10090 GN=Tpx2 PE=1 SV=1	3240,221	1892,915	1558,243	1887,684	3010,616	2782,843	2480,408	2352,946
Q62108;A0A338P6E5;A0A338P6I6	7	2	30,4786	0,03524	1,712302	Disks large homolog 4 OS=Mus musculus OX=10090 GN=Dlg4 PE=1 SV=1	773,0581	1098,64	1136,34	963,8811	515,5687	671,9319	468,0035	664,1339
A8HG57	2	1	8,9	0,035272	1,76749	Predicted gene, 21725 OS=Mus musculus OX=10090 GN=Srsy PE=2 SV=1	354,5286	381,8065	224,8406	269,2287	723,5232	568,7246	448,3372	434,1428
P35282	16	3	105,8795	0,035308	1,335956	Ras-related protein Rab-21 OS=Mus musculus OX=10090 GN=Rab21 PE=1 SV=4	1499,083	1368,333	1248,546	1439,945	2129,171	2140,024	1657,715	1495,536
Q60716;B0QZH1;B0QZH2;B0QZH3;Q5SX75;Q5SX76	28	12	218,9636	0,035342	1,354269	Prolyl 4-hydroxylase subunit alpha-2 OS=Mus musculus OX=10090 GN=P4ha2 PE=1 SV=1	12317,23	10094,2	9988,922	11845,66	11091,31	9853,289	7837,547	8858,305
Q9D051	36	15	234,276	0,035452	1,199425	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial OS=Mus musculus OX=10090 GN=Pdhb PE=1 SV=1	10000,28	9968,49	8834,613	9998,977	9866,951	8918,571	7449,703	8603,821

B2RQY6	16	5	87,6815	0,03593	1,317863	BC035947 protein OS=Mus musculus OX=10090 GN=BC035947 PE=1 SV=1	4070,883	3781,02	2884,483	4137,866	4687,656	3862,568	3898,058	4197,724
Q80XK6	4	1	22,3339	0,036218	2,450088	Autophagy-related protein 2 homolog B OS=Mus musculus OX=10090 GN=Atg2b PE=1 SV=3	158,789	52,04187	27,84577	184,8746	337,6197	225,7075	268,1134	206,2973
A2AJK6	7	1	27,9446	0,036259	1,344491	Chromodomain-helicase-DNA-binding protein 7 OS=Mus musculus OX=10090 GN=Chd7 PE=1 SV=1	1165,872	841,2402	1117,628	1377,35	1598,537	1736,3	1360,097	1358,084
P48754	54	4	315,7018	0,036421	1,98075	Breast cancer type 1 susceptibility protein homolog OS=Mus musculus OX=10090 GN=Brca1 PE=1 SV=3	2140,741	5201,841	4148,683	2692,463	1949,486	1043,335	2265,292	1902,673
P28474;A0A0G2JGS3	12	1	81,5346	0,036443	1,450469	Alcohol dehydrogenase class-3 OS=Mus musculus OX=10090 GN=Adh5 PE=1 SV=3	1298,937	1295,034	1542,664	1256,845	790,2128	702,4598	1171,76	1175,323
Q99N32	4	2	25,0627	0,036672	1,676303	Beta-klotho OS=Mus musculus OX=10090 GN=Klb PE=1 SV=1	667,4764	639,6853	602,1159	519,5809	313,3203	234,6863	457,2616	628,4221
Q8R2U4;A0A0A6YX97;A0A 0A6YXY1;A2APZ3	9	2	47,8692	0,036731	1,263922	N-terminal Xaa-Pro-Lys N-methyltransferase 1 OS=Mus musculus OX=10090 GN=Ntmt1 PE=1 SV=3	695,6187	707,7056	682,6434	724,1715	1073,836	871,2102	726,3705	880,3789
Q99K48;B1AXT0	56	20	361,31	0,037304	1,174352	Non-POU domain-containing octamer-binding protein OS=Mus musculus OX=10090 GN=Nono PE=1 SV=3	34834,94	33694,15	31915,3	32254,1	30690,11	32604,05	28704,99	27444,47
P62874;H3BKR2;H3BLF7	26	5	185,7277	0,037343	1,213831	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1 OS=Mus musculus OX=10090 GN=Gnb1 PE=1 SV=3	16984,34	14992,88	14678,27	16169,01	16772,16	18950,07	15686,06	15410,6
P62274	10	4	40,8739	0,03743	1,341636	40S ribosomal protein S29 OS=Mus musculus OX=10090 GN=Rps29 PE=1 SV=2	490,5679	776,3815	621,0647	638,9357	644,7745	541,974	613,1863	489,394
Q3UX10	18	2	107,3498	0,037672	1,519772	Tubulin alpha chain-like 3 OS=Mus musculus OX=10090 GN=Tubal3 PE=2 SV=2	1097,579	1032,746	843,2176	766,4234	1148,644	1417,963	902,5146	1034,979
Q9D0M5;D6RIN4	7	2	62,5017	0,037786	1,247549	Dynein light chain 2, cytoplasmic OS=Mus musculus OX=10090 GN=Dynll2 PE=1 SV=1	4509,336	5615,514	4216,764	4240,38	3935,153	3919,853	3680,476	3359,324
Q8CDV0	18	1	109,7181	0,038023	1,129575	Coiled-coil domain-containing protein 178 OS=Mus musculus OX=10090 GN=Ccdc178 PE=2 SV=2	4008,987	4341,727	4078,672	4399,619	3720,632	3604,008	3866,084	4021,212
Q64336;A2AR81	2	1	9,7623	0,038421	1,467056	T-box brain protein 1 OS=Mus musculus OX=10090 GN=Tbr1 PE=1 SV=2	591,3506	964,1579	601,5805	661,9955	614,3217	513,6374	504,1228	409,2301
Q9J111;F7BYZ4;Q8CDG4	10	1	60,8746	0,03848	1,225914	Serine/threonine-protein kinase 4 OS=Mus musculus OX=10090 GN=Stk4 PE=1 SV=1	2767,247	2542,498	2387,999	2536,102	1981,155	2236,163	2309,303	2785,814
Q9DC29	10	1	56,2362	0,038723	1,360425	ATP-binding cassette sub-family B member 6 OS=Mus musculus OX=10090 GN=Abcb6 PE=1 SV=1	3913,684	2927,477	2990,141	4124,45	2240,406	2897,692	2367,292	2752,984
Q9JJZ2	75	2	330,6335	0,038809	1,211788	Tubulin alpha-8 chain OS=Mus musculus OX=10090 GN=Tuba8 PE=1 SV=1	1762,256	1501,591	1534,095	1680,671	1785,65	1668,403	1685,583	1904,464



	2	1	16,4747	0,03902	1,681057	General transcription factor IIE subunit 2 OS=Mus musculus OX=10090 GN=Gtf2e2 PE=1 SV=2	358,4082	450,9102	365,8872	439,8439	279,0779	137,5637	294,4453	249,6477
Q9D902														
Q9CY58;A0A0N4SUN8;A0A0N4SUQ1;A0A0N4SV32;A0A0N4SWH2;Q3UMP4	39	13	315,9799	0,039071	1,188209	Plasminogen activator inhibitor 1 RNA-binding protein OS=Mus musculus OX=10090 GN=Serbp1 PE=1 SV=2	6517,803	6801,726	5861,031	7175,808	8484,101	7532,519	8146,364	7153,887
A0A1B0GRY3;A0A1B0GS20;A5H0M4	35	3	179,9488	0,039514	1,314783	Predicted gene 45861 OS=Mus musculus OX=10090 GN=Gm45861 PE=1 SV=1	1648,984	1797,861	1871,384	1440,725	1346,207	1300,976	1148,506	1345,05
Q8C7X2;A0A1Y7VP81;Z4YJW0	47	14	274,7362	0,040201	1,313746	ER membrane protein complex subunit 1 OS=Mus musculus OX=10090 GN=Emc1 PE=1 SV=1	7060,933	5637,728	5678,964	6671,648	5377,76	3737,11	5143,653	4808,538
Q62095	60	2	375,4297	0,040308	1,181275	ATP-dependent RNA helicase DDX3Y OS=Mus musculus OX=10090 GN=Ddx3y PE=1 SV=2	2171,351	2054,896	2026,829	2315,972	1611,499	1848,778	2016,688	1850,444
Q8BIJ6;E9PWN2;E9PWN3	42	8	228,645	0,040495	1,380287	Isoleucine--tRNA ligase, mitochondrial OS=Mus musculus OX=10090 GN=lars2 PE=1 SV=1	1061,638	971,2062	980,7196	1296,813	983,4368	1629,852	1092,179	1023,918
Q9D0L8;D3YYS7;D3Z478;D3Z4K1	19	1	121,4687	0,040543	1,333645	mRNA cap guanine-N7 methyltransferase OS=Mus musculus OX=10090 GN=Rnmt PE=1 SV=1	2453,193	2272,771	2066,222	2772,014	1657,09	2099,315	1689,843	1725,226
P31001	66	9	377,9356	0,040677	1,203201	Desmin OS=Mus musculus OX=10090 GN=Des PE=1 SV=3	10457,09	11593	12559,85	12799,31	14947,65	13013,91	13648,13	11539,73
Q8VHM5;A2AW40;A2AW41;F7B5B5;S4R1E9;V9GWW3	49	15	342,5736	0,040694	1,143151	Heterogeneous nuclear ribonucleoprotein R OS=Mus musculus OX=10090 GN=Hnrnp PE=1 SV=1	8824,778	8413,503	8003,566	8963,639	8646,587	8371,448	7321,78	7848,59
P70349;B0R1E3	23	4	138,6143	0,040784	1,784294	Adenosine 5'-monophosphoramidase HINT1 OS=Mus musculus OX=10090 GN=Hint1 PE=1 SV=3	3007,92	1986,477	1570,442	1997,804	2983,663	3562,092	4419,322	4313,197
Q3UH93;F6T0L5	20	2	116,094	0,040806	1,177065	Plexin-D1 OS=Mus musculus OX=10090 GN=Plxnd1 PE=1 SV=1	7465,134	7934,044	7944,817	8181,64	9937,909	8891,009	8945,409	7523,553
J3QNU6;Q8BWG8	3	1	14,7102	0,04124	1,485765	Beta-arrestin-1 OS=Mus musculus OX=10090 GN=Arrb1 PE=1 SV=1	2492,882	2966,943	3869,512	3770,052	2924,226	4624,39	4003,823	3063,583
P14733	78	16	574,1235	0,041303	1,309436	Lamin-B1 OS=Mus musculus OX=10090 GN=Lmnb1 PE=1 SV=3	8208,514	6220,424	8093,556	9800,628	10012,68	8655,084	9197,798	8541,974
E9Q357	2	1	10,7365	0,041709	1,437114	HEAT repeat-containing 4 OS=Mus musculus OX=10090 GN=Heatr4 PE=4 SV=2	66571,6	57234,89	47235,8	72312,59	104089,2	93653,61	80210,87	71774,93
Q9EP71;A0A2I3BPY7	19	5	97,0118	0,042079	1,298444	Ankycorbin OS=Mus musculus OX=10090 GN=Rai14 PE=1 SV=1	447,2204	595,305	583,3351	524,7617	454,6885	486,7694	547,4534	467,8968
Q8CDN6;A0A494B955;A0A494BB31;A0A494BB11;A0A498WGD8	22	8	165,3506	0,042244	1,332513	Thioredoxin-like protein 1 OS=Mus musculus OX=10090 GN=Txn1l1 PE=1 SV=3	8641,081	7487,123	7281,057	9789,058	11816,69	12313,36	9434,056	10673,07
D3Z0M9	18	6	100,7888	0,042652	1,341601	RNA helicase OS=Mus musculus OX=10090 GN=Ddx23 PE=1 SV=1	3594,094	3062,911	2847,42	3882,701	3481,683	2866,368	3254,843	3043,949
J3QPX1;P52651;Q3UJH4	5	1	27,8818	0,043365	9,743449	Homeobox protein Rhox5 OS=Mus musculus OX=10090 GN=Rhox5 PE=1 SV=1	0	0	1,559932	321,6008	1296,145	4,607993	861,2272	986,719

Q61166	26	6	201,4875	0,043446	1,251342	Microtubule-associated protein RP/EB family member 1 OS=Mus musculus OX=10090 GN=Mapre1 PE=1 SV=3	3958,291	3333,894	3697,363	3510,568	4666,311	5225,577	3987,386	4265,334
Q9QYR9	17	3	93,756	0,043627	1,741986	Acyl-coenzyme A thioesterase 2, mitochondrial OS=Mus musculus OX=10090 GN=Acot2 PE=1 SV=2	384,5955	529,4782	737,911	361,6005	340,0458	501,0419	334,002	468,7668
Q9CWX9;A0A0N4SVK2;A0A0N4SVT1;A0A0N4SWC5;D3YWF9;F6QKD2	22	3	177,8365	0,043999	1,470154	Probable ATP-dependent RNA helicase DDX47 OS=Mus musculus OX=10090 GN=Ddx47 PE=2 SV=2	2003,411	1330,406	1290,176	2006,82	1479,398	1535,545	1279,929	1383,983
Q9QZQ1;D3YUD2;D3Z7B8;D3Z7B9;D3Z7L2;E9PYX7;E9Q852;E9Q9C3;F7C3I9;Q9R1N9	78	15	488,2051	0,044663	1,321662	Afadin OS=Mus musculus OX=10090 GN=Afdn PE=1 SV=3	5442,731	4182,963	7217,295	5731,583	6770,864	5865,811	5819,218	6242,704
Q9QYJ3;Q3TYL7	4	1	21,4418	0,044902	2,817522	DnaJ homolog subfamily B member 1 OS=Mus musculus OX=10090 GN=Dnajb1 PE=1 SV=3	108,4619	89,26167	41,38678	115,1052	96,77387	251,2878	181,3073	174,6515
PODN34	1	1	6,2006	0,045121	1,337567	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1 OS=Mus musculus OX=10090 GN=Ndufb1 PE=1 SV=1	1245,327	1384,242	1275,869	1115,114	929,0206	1144,295	795,5726	884,6065
Q64152	18	12	166,7062	0,045314	1,281928	Transcription factor BTF3 OS=Mus musculus OX=10090 GN=Btf3 PE=1 SV=3	18120,48	15928,36	19476,61	21561,97	26884,71	21301,24	22923,56	21592,99
O08582;A0A2R8VI47	23	2	149,7819	0,046323	1,10254	GTP-binding protein 1 OS=Mus musculus OX=10090 GN=Gtppb1 PE=1 SV=2	3670,754	3834,028	3617,557	4009,653	4421,064	4194,643	3938,865	4129,061
Q9CXV6	16	6	118,2888	0,046382	1,245824	Interleukin enhancer-binding factor 2 OS=Mus musculus OX=10090 GN=Ilf2 PE=1 SV=1	20072,35	16058,28	16209,17	21582,35	21348,32	15173,19	18015,71	18636,87
A0A571BEN1;D3YU50	5	1	36,1359	0,046412	2,396162	Myosin-binding protein C, slow-type OS=Mus musculus OX=10090 GN=Mybpc1 PE=1 SV=1	633,0609	956,0826	1047,925	570,2577	507,6358	1316,126	389,6671	367,3692
P34022;H7BX22	13	4	79,3622	0,046441	1,23253	Ran-specific GTPase-activating protein OS=Mus musculus OX=10090 GN=Ranbp1 PE=1 SV=2	12297,83	13785,46	13805,55	14342,11	18864,74	16861,43	15614,01	13875,03
V9GXT3;E9Q842;V9GX91	7	1	32,3083	0,046535	1,689183	Neuron navigator 2 OS=Mus musculus OX=10090 GN=Nav2 PE=1 SV=1	453,1005	383,4054	377,0747	436,8092	675,3739	859,2444	636,9755	434,34
Q0V8T7	10	3	50,6842	0,046856	1,791638	Contactin-associated protein like 5-3 OS=Mus musculus OX=10090 GN=Cntnap5c PE=2 SV=1	7106,68	5110,512	2151,847	6415,3	11010,32	6390,738	10019,99	9816,965
Q9DCS3;A2A845	12	3	79,2362	0,046966	1,50142	Enoyl-[acyl-carrier-protein] reductase, mitochondrial OS=Mus musculus OX=10090 GN=Mecr PE=1 SV=2	1104,141	745,4391	561,2453	707,4552	1324,456	766,7744	1059,412	1015,35
Q8BJY1;F7BA91	17	3	130,7178	0,047283	1,214641	26S proteasome non-ATPase regulatory subunit 5 OS=Mus musculus OX=10090 GN=Psm5 PE=1 SV=4	2360,336	2614,623	2615,459	2677,359	3199,122	3055,863	2720,481	2396,026

Q80VNO	7	2	33,3997	0,047807	1,345801	Cilia- and flagella-associated protein 100 OS=Mus musculus OX=10090 GN=Cfap100 PE=2 SV=2	952,6639	755,6263	554,0619	911,0924	1037,886	1039,31	907,8696	1034,166
Q9D8T7;F7DE82;F8WHU8	11	2	62,2181	0,047844	1,950198	SRA stem-loop-interacting RNA-binding protein, mitochondrial OS=Mus musculus OX=10090 GN=Slirp PE=1 SV=2	1305,916	3455,928	1690,162	1243,5	1200,897	1355,944	1102,118	1058,98
P10922	15	6	77,3146	0,048026	1,382028	Histone H1.0 OS=Mus musculus OX=10090 GN=H1-0 PE=2 SV=4	4172,055	4435,231	5263,429	4958,888	4140,611	3642,517	2921,402	2920,084
Q8WTY4;E0CY1;F7BWP1	20	5	138,035	0,048213	1,209374	Anamorsin OS=Mus musculus OX=10090 GN=Ciapi1 PE=1 SV=1	10441,54	9867,798	10088,82	11816,71	14809,53	12503,63	11940,57	11799,82
A2BH40;E9QAQ7	25	3	118,915	0,048446	1,190341	AT-rich interactive domain-containing protein 1A OS=Mus musculus OX=10090 GN=Arid1a PE=1 SV=1	1071,185	1002,622	1184,146	1197,088	1031,795	836,9132	919,7838	954,1672
Q80YY7;F8WIU3;R4GMK9	5	1	27,9849	0,049047	1,181776	Zinc finger protein 618 OS=Mus musculus OX=10090 GN=Znf618 PE=2 SV=3	5700,461	6129,671	6059,993	6388,21	5342,636	5597,152	5186,249	4807,511
Q9CT10;A0A3B2WCL5	14	2	84,5682	0,049087	1,394375	Ran-binding protein 3 OS=Mus musculus OX=10090 GN=Ranbp3 PE=1 SV=2	294,7584	350,6799	542,6926	399,2299	581,8233	538,6931	506,0089	586,851
P28293	2	1	8,3404	0,049168	2,000452	Cathepsin G OS=Mus musculus OX=10090 GN=Ctsg PE=1 SV=2	130,5607	113,1488	92,64955	118,5786	320,2304	122,3004	185,3882	282,1617
Q8BY87;A0A1L1SV73	12	2	76,1826	0,049179	2,866465	Ubiquitin carboxyl-terminal hydrolase 47 OS=Mus musculus OX=10090 GN=Usp47 PE=1 SV=2	214,5936	26,55198	12,30478	286,8582	406,6771	288,726	399,7996	453,5729
P70232	7	1	35,9379	0,049293	2,694825	Neural cell adhesion molecule L1-like protein OS=Mus musculus OX=10090 GN=Chl1 PE=1 SV=2	1432,224	290,4802	469,047	1966,667	4439,338	2846,313	2236,11	1684,447
O09061;A0A338P7C0	27	3	189,6206	0,049386	1,423511	Proteasome subunit beta type-1 OS=Mus musculus OX=10090 GN=Psm1 PE=1 SV=1	456,9763	269,3323	362,5174	287,5756	416,4739	588,8336	509,3662	444,6485
Q8BG05;A2AL12;A2AL13	65	27	414,699	0,049454	1,286317	Heterogeneous nuclear ribonucleoprotein A3 OS=Mus musculus OX=10090 GN=Hnrnpa3 PE=1 SV=1	26391,73	25195,35	19047,25	27906,16	26794,21	27317,62	25869,76	28067,64
A0A498WGK6;Q9ET30	5	3	17,9364	0,049513	1,297336	Transmembrane 9 superfamily member OS=Mus musculus OX=10090 GN=Tm9sf3 PE=1 SV=1	477,7759	600,9155	657,9327	654,2911	891,5466	692,2734	811,4137	706,5879
P61982	37	3	208,0163	0,049779	1,238353	14-3-3 protein gamma OS=Mus musculus OX=10090 GN=Ywhag PE=1 SV=2	3830,872	3010,62	4550,281	3856,55	4647,133	4862,69	4825,559	4357,194
Q4VA61;E9QPR7	19	1	98,6226	0,050174	1,257691	Down syndrome cell adhesion molecule-like protein 1 homolog OS=Mus musculus OX=10090 GN=Dscam1 PE=1 SV=2	27375,97	24005,06	21438,9	27393,28	32521,68	35227,35	31563,36	26724,87
D3YXK2;S4R1M2;S4R2Q5	48	7	369,7811	0,0512	1,192018	Scaffold attachment factor B1 OS=Mus musculus OX=10090 GN=Safb PE=1 SV=2	7371,981	7033,693	6196,145	7132,518	5489,728	7094,623	5717,252	6390,512
Q80X85	17	5	94,5742	0,051429	1,280563	28S ribosomal protein S7, mitochondrial OS=Mus musculus OX=10090 GN=Mrs7 PE=1 SV=1	3824,153	3247,516	3749,042	4149,17	3093,224	2554,174	3001,953	3040,73

Q99PA7	18	8	121,3225	0,0516	1,230184	MAGE family member A13 OS=Mus musculus OX=10090 GN=Magea13 PE=1 SV=1	4479,804	4895,818	4376,069	4737,813	5752,069	5998,027	4660,099	4819,682
E9Q1P8	22	4	139,5047	0,051606	1,644654	Interferon regulatory factor 2-binding protein 2 OS=Mus musculus OX=10090 GN=Irf2bp2 PE=1 SV=1	1509,436	3073,481	2717,333	1725,387	1810,873	1131,335	1473,902	1071,754
Q8BQ33;A0A0U1RNX1;A0 A0U1RQ28;Q3UV49	42	7	209,0233	0,051616	1,240701	Treslin OS=Mus musculus OX=10090 GN=Ticrr PE=1 SV=2	5243,207	5252,554	4288,033	5715,193	6923,047	6436,868	6014,911	6058,288
Q99JI6;A0A0G2JED9;A0A1 W2P777	29	2	190,0699	0,05163	1,197314	Ras-related protein Rap-1b OS=Mus musculus OX=10090 GN=Rap1b PE=1 SV=2	12708,74	12150,87	10402,37	11102,74	9481,548	10697,86	9289,462	9255,075
A2AHC3;A0A0A0MQE5	15	2	84,821	0,051903	1,394746	Calmodulin-regulated spectrin-associated protein 1 OS=Mus musculus OX=10090 GN=Camsap1 PE=1 SV=1	466,6519	261,7755	273,9034	454,5813	467,9412	423,6917	485,2945	536,2346
Q9EPN1;A0A5F8MPY6	25	4	119,0806	0,052169	1,305837	Neurobeachin OS=Mus musculus OX=10090 GN=Nbea PE=1 SV=1	2072,213	2862,41	2605,705	2045,867	2220,945	1701,347	1843,681	1677,097
Q9CZS1;G3UYH1	33	11	233,3773	0,052275	1,132743	Aldehyde dehydrogenase X, mitochondrial OS=Mus musculus OX=10090 GN=Aldh1b1 PE=1 SV=1	7154,127	6607,201	6184,298	7038,388	6664,206	5773,656	5608,34	5775,626
Q8BHF7;F2Z427;F8WI04 P29391;A0A1B0GR60;A0A 1B0GRH4;A0A1Y7VNT9;P4 9945;Q9CPX4	7	1	47,581	0,052541	1,139733	CDP-diacylglycerol--glycerol-3-phosphate 3- phosphatidyltransferase, mitochondrial OS=Mus musculus OX=10090 GN=Pgs1 PE=1 SV=1	9718,899	9065,407	9047,877	10247,5	9124,452	8480,168	7908,197	7898,229
Q9DBG6;A2ACG7	24	11	164,2384	0,053478	1,212801	Ferritin light chain 1 OS=Mus musculus OX=10090 GN=Ftl1 PE=1 SV=2	47549,24	44225,72	44447,44	44447,68	54871,24	54581,88	46681,81	41683,88
P47856;D3YYD9	36	14	317,7934	0,054091	1,223162	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2 OS=Mus musculus OX=10090 GN=Rpn2 PE=1 SV=1	34047,75	30616,71	26545,42	30094,77	21604,63	29569,4	24314,94	23684,04
Q8C483;A2AF50;A2AFS1;P 26638	29	1	164,6951	0,054265	1,249517	Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1 OS=Mus musculus OX=10090 GN=Gfpt1 PE=1 SV=3	887,7108	977,2812	1062,212	1074,981	1184,211	1228,003	947,2698	924,0197
E9PW20;D3YZA1;D3Z7T7; Q9CY57	46	20	350,7593	0,054352	1,204495	Seryl-tRNA synthetase OS=Mus musculus OX=10090 GN=Sars PE=1 SV=1	24729,94	24757	24539,81	29138,15	36191,37	31101,32	28683,16	28285,77
Q9JLZ6	7	1	46,7822	0,055073	1,248105	Chromatin target of PRMT1 protein OS=Mus musculus OX=10090 GN=Chtop PE=1 SV=1	7708,172	5062,629	5969,702	6829,604	6727,079	6674,529	5775,594	6392,837
Q6NZF1;A0A0A6YXI9	8	2	42,8439	0,055149	1,283457	Hypermethylated in cancer 2 protein OS=Mus musculus OX=10090 GN=Hic2 PE=2 SV=4	5875,706	5448,012	4701,709	6625,232	7537,62	7142,775	5474,446	5846,8
Q91YH6;A0A0U1RNU9	16	2	95,6727	0,055313	1,435572	Zinc finger CCCH domain-containing protein 11A OS=Mus musculus OX=10090 GN=Zc3h11a PE=1 SV=1	883,2668	943,0587	949,9402	833,5144	1069,036	1513,021	963,2087	822,8784
	22	4	152,9168	0,055467	1,401332	V-type proton ATPase subunit B, kidney isoform OS=Mus musculus OX=10090 GN=Atp6v1b1 PE=1 SV=1	372,5412	473,721	417,1238	283,4181	461,4466	462,5477	458,1628	670,6513

A2AQ07	48	6	243,9885	0,055513	1,241574	Tubulin beta-1 chain OS=Mus musculus OX=10090 GN=Tubb1 PE=1 SV=1	4762,207	5110,609	6099,735	5154,758	4426,856	4332,689	4857,934	4118,893
Q8K2C9	15	4	74,2173	0,056056	1,339027	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 3 OS=Mus musculus OX=10090 GN=Hacd3 PE=1 SV=2	1467,306	1130,66	1774,151	1143,524	1101,014	986,3354	1068,712	963,0811
Q9Z2W8;G5E863	6	2	22,0826	0,056386	3,494928	Glutamate receptor 4 OS=Mus musculus OX=10090 GN=Gria4 PE=1 SV=2	355,1487	1936,682	500,6708	281,7704	287,0784	217,7955	276,8719	199,1584
Q5PRF0	10	2	61,9903	0,056468	1,337328	HEAT repeat-containing protein 5A OS=Mus musculus OX=10090 GN=Heatr5a PE=1 SV=2	3340,911	4092,814	2564,476	3871,026	2765,418	2538,518	2863,671	3300,465
Q8COD4;A0A0A0MQ95;B2 RUJ8;S4R203;S4R221;S4R2 48	7	2	33,8101	0,056803	2,473371	Rho GTPase-activating protein 12 OS=Mus musculus OX=10090 GN=Arhgap12 PE=1 SV=2	122,4537	130,1994	98,15553	164,966	9,857696	49,3963	56,02338	93,2537
Q78XF5	2	1	14,975	0,056836	1,872783	Oligosaccharyltransferase complex subunit OSTC OS=Mus musculus OX=10090 GN=Ostc PE=1 SV=1	1502,448	1502,888	1928,457	1187,233	443,1225	914,9215	945,7412	964,6267
Q9WUK4	15	2	93,0645	0,056899	1,152588	Replication factor C subunit 2 OS=Mus musculus OX=10090 GN=Rfc2 PE=1 SV=1	6754,576	6368,273	6686,903	6885,218	6152,777	5975,762	5491,534	5540,829
Q91WD5;A0A0A6YW30;D 3YXT0	28	5	208,9366	0,056952	1,285896	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial OS=Mus musculus OX=10090 GN=Ndufs2 PE=1 SV=1	1317,879	1343,955	1779,431	1368,107	1166,087	1535,345	1256,52	1197,015
P24547;A0A0A6YXS4;A0A 0A6YY72	33	8	168,3033	0,057637	1,262596	Inosine-5'-monophosphate dehydrogenase 2 OS=Mus musculus OX=10090 GN=Impdh2 PE=1 SV=2	5726,639	4350,899	5443,593	6379,738	7781,024	5788,459	6710,996	6255,37
Q9D2V7;E9PYU1;G3X9L5	16	1	87,9205	0,058127	2,313311	Coronin-7 OS=Mus musculus OX=10090 GN=Coro7 PE=1 SV=2	148,6128	260,6953	189,8718	157,0416	98,96102	176,9518	57,40069	137,4947
Q8QZY1;A0A2R8VH97 Q91ZV0;A0A1W2P711;E9P Y90;E9Q3S2;H3BJ71;H3BJ 6;H3BJS0;H3BJS5;H3BK44; H3BK48;H3BKH2;H3BKL6; H3BL19	35	15	247,5426	0,058172	1,092739	Eukaryotic translation initiation factor 3 subunit L OS=Mus musculus OX=10090 GN=Eif3l PE=1 SV=1	6962,413	6611,335	7406,199	6913,248	6680,809	7413,097	6996,465	6417,114
Q5SSI6	53	8	276,1443	0,058544	1,187031	Melanoma inhibitory activity protein 2 OS=Mus musculus OX=10090 GN=Mia2 PE=1 SV=3	1251,835	1295,462	1478,824	1605,674	1909,374	1695,688	1530,031	1490,951
Q3TNX8;E9PV91	31	6	180,3307	0,058756	1,183982	U3 small nucleolar RNA-associated protein 18 homolog OS=Mus musculus OX=10090 GN=Utp18 PE=1 SV=1	2621,719	2080,707	2478,974	2494,981	2933,033	3156,865	2611,71	2727,845
Q8BHB4	10	1	47,9496	0,059031	1,404472	A disintegrin and metalloproteinase with thrombospondin motifs 4 OS=Mus musculus OX=10090 GN=Adamts4 PE=1 SV=1	29988,11	23907,59	17165,52	29972,95	39931,27	31318,15	37620,58	33029,69
Q7TSY8	30	6	157,1795	0,059116	1,31359	WD repeat-containing protein 3 OS=Mus musculus OX=10090 GN=Wdr3 PE=1 SV=1	799,6266	749,6203	708,3653	713,5759	414,1839	653,6477	577,134	616,919
	10	1	61,5598	0,059379	1,716049	Shugoshin 2 OS=Mus musculus OX=10090 GN=Sgo2 PE=1 SV=1	2475,261	1310,462	1443,748	2020,227	3363,103	2766,405	1724,503	2125,246

Q99JR8;G3UXC0	17	1	130,2528	0,059531	1,271252	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 2 OS=Mus musculus OX=10090 GN=Smarcd2 PE=1 SV=2	32591,05	29088,31	29195,74	35965,62	23659,89	34567,12	30274,2	27882,54
Q3TCN2	8	1	58,8969	0,05957	1,360989	Putative phospholipase B-like 2 OS=Mus musculus OX=10090 GN=Plbd2 PE=1 SV=2	904,1609	819,0819	867,8667	891,1952	1104,657	951,3401	825,6373	1022,492
Q6NSW3;A0A0R4J1Y6;E9PUC4	12	1	58,4387	0,059673	1,467558	A-kinase anchor protein SPHKAP OS=Mus musculus OX=10090 GN=Sphkap PE=1 SV=2	1386,986	1548,895	1691,74	1216,853	804,6643	1217,186	1205,863	1299,205
Q08739;A0A1L1SRX2;D3YU73;D3Z4N3;F6XQD0	7	1	34,9455	0,059696	7,352548	AMP deaminase 3 OS=Mus musculus OX=10090 GN=Ampd3 PE=1 SV=2	230,7106	586,4903	289,7816	157,7771	11,57115	278,6275	31,64585	203,2583
Q61598;A0A1Y7VL99;A0A1Y7VLG4	65	20	469,1303	0,059848	1,125207	Rab GDP dissociation inhibitor beta OS=Mus musculus OX=10090 GN=Gdi2 PE=1 SV=1	27705,43	30541,48	31791,11	32295,69	37258,08	33343,46	32200,13	31737,68
Q6P5D8	103	15	647,637	0,059944	2,193073	Structural maintenance of chromosomes flexible hinge domain-containing protein 1 OS=Mus musculus OX=10090 GN=Smchd1 PE=1 SV=2	5399,617	5025,247	5833,548	6452,958	8745,905	5444,641	5202,712	5489,828
Q8K1M6;A0A2U3TZ67;E9PUD2	49	9	317,0277	0,059951	11,88745	Dynamin-1-like protein OS=Mus musculus OX=10090 GN=Dnm1l PE=1 SV=2	2156,599	29201,43	9226,432	1485,419	485,7506	1674,221	4262,108	758,6629
P18052;Q91V35	4	1	21,9605	0,059968	10,59517	Receptor-type tyrosine-protein phosphatase alpha OS=Mus musculus OX=10090 GN=Ptptra PE=1 SV=3	494,4573	0	598,8239	439,6551	1899,436	2333,286	2485,561	4659,434
P17047	6	1	26,5323	0,059985	1,488712	Lysosome-associated membrane glycoprotein 2 OS=Mus musculus OX=10090 GN=Lamp2 PE=1 SV=2	5738,589	4080,49	2767,591	5340,966	7421,702	4694,08	7688,844	6884,453
Q9ERD7;A0A1D5RM76	152	5	588,0298	0,06045	1,194811	Tubulin beta-3 chain OS=Mus musculus OX=10090 GN=Tubb3 PE=1 SV=1	20874,8	21240,14	22297,55	23243,41	26715,98	25173,78	23651,52	19345,87
P61161	26	6	169,6805	0,060605	1,19559	Actin-related protein 2 OS=Mus musculus OX=10090 GN=Actr2 PE=1 SV=1	2103,124	1752,909	1546,806	1900,081	2103,148	2057,344	2033,807	2045,599
Q99NA2	2	1	8,7125	0,06085	3,815935	Transcription factor Atoh8 OS=Mus musculus OX=10090 GN=Atoh8 PE=1 SV=1	128,9921	146,4515	115,0464	204,8767	265,6862	1488,045	287,1635	230,9858
E9Q3G8;A0A286YCP2;A0A286YE24	25	9	133,7953	0,061	1,256647	Nucleoporin 153 OS=Mus musculus OX=10090 GN=Nup153 PE=1 SV=1	18784,58	20750,92	24839,91	21083,14	25819,14	19373,38	21277,43	21507,6
Q9CQ75	7	2	38,0068	0,061103	1,911796	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 OS=Mus musculus OX=10090 GN=Ndufa2 PE=1 SV=3	3619,186	4651,783	2381,103	3307,706	4648,562	8476,193	4093,937	4165,965
P51863	18	2	137,4861	0,061392	1,281739	V-type proton ATPase subunit d 1 OS=Mus musculus OX=10090 GN=Atp6v0d1 PE=1 SV=2	1858,702	1660,786	1876,215	1523,419	1152,962	1514,415	1438,818	1292,035
E9Q2S6	3	1	15,1647	0,061487	5,879422	Zinc finger protein 780B OS=Mus musculus OX=10090 GN=Zfp780b PE=1 SV=1	125,7544	0	0	162,3377	214,1275	17,77969	103,2825	207,7671
Q60692	15	3	108,204	0,061554	1,206586	Proteasome subunit beta type-6 OS=Mus musculus OX=10090 GN=Psm6 PE=1 SV=3	5908,741	6025,792	6866,08	6319,929	9132,139	7673,152	6953,369	6551,432
Q5BL07;A0A0G2JE39	7	1	37,5119	0,061848	1,408729	Peroxisome biogenesis factor 1 OS=Mus musculus OX=10090 GN=Pex1 PE=1 SV=2	117,2355	159,6416	169,9532	128,2788	165,0229	100,3919	112,9421	139,8411

Q99P88;A0A2R8VHH1	67	19	401,8481	0,061993	1,463965	Nuclear pore complex protein Nup155 OS=Mus musculus OX=10090 GN=Nup155 PE=1 SV=1	4606,269	8288,142	4782,414	4335,434	3771,908	3870,378	3829,386	3564,383
P15532;Q5NC80	50	4	277,534	0,062098	1,186845	Nucleoside diphosphate kinase A OS=Mus musculus OX=10090 GN=Nme1 PE=1 SV=1	4735,112	5271,336	5419,572	5276,568	6905,302	6047,058	5866,423	5072,467
Q91V41;A0A2R8VHW9;Q5 OHX3	22	1	176,8535	0,062405	1,600501	Ras-related protein Rab-14 OS=Mus musculus OX=10090 GN=Rab14 PE=1 SV=3	984,4926	920,4092	1330,832	667,8126	474,8443	583,8284	572,0428	898,5277
Q8BZ98;E9QLL2	31	1	180,5323	0,062498	1,130856	Dynamamin-3 OS=Mus musculus OX=10090 GN=Dnm3 PE=1 SV=1	1099,638	1024,225	990,4962	1054,494	898,9899	887,3628	922,8145	977,2909
P97493;A2A439;G3UX99; G3UZY2	6	1	37,1889	0,062916	1,76497	Thioredoxin, mitochondrial OS=Mus musculus OX=10090 GN=Txn2 PE=1 SV=1	472,0385	243,0886	217,3432	480,8448	514,3785	361,0739	324,6174	622,9981
P06797	2	2	12,1054	0,063029	1,653435	Procathepsin L OS=Mus musculus OX=10090 GN=CtsL PE=1 SV=2	4592,2	5105,187	5534,484	3850,85	4608,152	6484,761	3153,49	2709,717
P80314;A0A1W2P6Q3;A0 A1W2P7B7;A0A1W2P828; A0A1W2P871;A0A1W2P8 B6	82	37	619,8706	0,063222	1,208071	T-complex protein 1 subunit beta OS=Mus musculus OX=10090 GN=Cct2 PE=1 SV=4	41018,11	43104,84	46886,63	51569,13	56937,82	45760,27	51788,24	51751,93
A0A0N4SW47;Q8BI73	1	1	3,7667	0,063461	1,47973	Zinc finger protein 775 (Fragment) OS=Mus musculus OX=10090 GN=Zfp775 PE=4 SV=1	429,7009	471,6162	361,0497	347,1569	262,0453	159,0629	316,0229	350,5831
Q9JKX6;A0A0A6YVU1;A2A TT5	7	2	50,7726	0,063489	1,472337	ADP-sugar pyrophosphatase OS=Mus musculus OX=10090 GN=Nudt5 PE=1 SV=1	1377,72	1135,297	1331,089	1613,694	1971,732	2005,167	1493,333	1389,879
Q99L45;E0CXJ3	35	13	252,8114	0,063601	1,207297	Eukaryotic translation initiation factor 2 subunit 2 OS=Mus musculus OX=10090 GN=Eif2s2 PE=1 SV=1	8274,539	6976,981	7224,544	6953,999	7071,355	9739,216	8017,074	7958,137
Q91VW3;I7HPY0	7	1	48,2086	0,0638	27,58797	SH3 domain-binding glutamic acid-rich-like protein 3 OS=Mus musculus OX=10090 GN=Sh3bgrl3 PE=1 SV=1	4,3404	65,44653	250,0717	5,019739	0,325433	0	4,201757	7,248898
Q2YDW2;D3YX87;E9PUB7 P17742;A0A1L1SRX5;A0A1 L1SST0;S4R1C3	8	1	49,3059	0,06387	1,328792	Protein misato homolog 1 OS=Mus musculus OX=10090 GN=Msto1 PE=1 SV=1	761,9326	714,2634	729,4759	854,0176	1254,154	844,7304	1091,991	874,8159
Q91V92	75	34	286,1995	0,064168	1,139881	Peptidyl-prolyl cis-trans isomerase A OS=Mus musculus OX=10090 GN=Ppia PE=1 SV=2	58573,18	61091,92	68001,28	63811,93	70385,35	64270,9	64262,28	58187,88
Q3V117;Q3TS02	120	1	770,2751	0,064247	1,245994	ATP-citrate synthase OS=Mus musculus OX=10090 GN=Acly PE=1 SV=1	25650,81	21811,44	21421,37	29417,18	35368,68	25936,62	31588,49	29588,37
Q3UM45	121	1	773,8358	0,064247	1,245994	ATP-citrate synthase OS=Mus musculus OX=10090 GN=Acly PE=1 SV=1	2864,075	2435,385	2391,833	3284,615	3949,137	2895,988	3527,056	3303,729
P61028	18	4	124,9365	0,064253	1,269031	Protein phosphatase 1 regulatory subunit 7 OS=Mus musculus OX=10090 GN=Ppp1r7 PE=1 SV=2	804,3388	750,8998	836,8977	732,0867	872,8725	924,411	950,6377	1216,814
Q8BG51;H3BKL2;H3BL14 Q8VHG2;A0A067XG49;B1 AXE9;F6QYS7;F6YMV1	15	1	80,5825	0,064323	1,660421	Ras-related protein Rab-8B OS=Mus musculus OX=10090 GN=Rab8b PE=1 SV=1	211,2738	65,84749	109,2881	118,4611	164,0923	310,532	201,4799	162,1935
	17	2	105,2644	0,064394	1,500248	Mitochondrial Rho GTPase 1 OS=Mus musculus OX=10090 GN=Rhot1 PE=1 SV=1	214,959	173,0956	196,0559	198,8383	139,8921	254,0332	230,8368	320,6036
	7	2	42,0683	0,06444	1,304422	Angiomotin OS=Mus musculus OX=10090 GN=Amot PE=1 SV=3	15000,08	15619,62	21549,64	16765,51	20743,29	18319,27	15062,28	13952,89

P47955	12	8	54,3416	0,064722	1,24079	60S acidic ribosomal protein P1 OS=Mus musculus OX=10090 GN=Rplp1 PE=1 SV=1	48183,37	43863,79	36904,75	51211,4	54758,68	53151,44	47834,95	51829,18
E9PVX6	194	40	1271,242	0,064842	1,188786	Proliferation marker protein Ki-67 OS=Mus musculus OX=10090 GN=Mki67 PE=1 SV=1	9717,262	13059,26	11020,54	12140,1	12795,04	14281,07	12447,15	12623,65
Q3V3R1	58	23	424,0334	0,064999	1,207456	Monofunctional C1-tetrahydrofolate synthase, mitochondrial OS=Mus musculus OX=10090 GN=Mthfd1l PE=1 SV=2	13905,49	12270,92	10714,32	13829,03	11380,45	12096,09	10245,57	9662,663
O89017	17	5	116,8165	0,066176	1,499199	Legumain OS=Mus musculus OX=10090 GN=Lgmn PE=1 SV=1	8700,667	7974,466	8869,171	8385,827	5940,511	2976,445	6984,882	6730,328
G5E8K5;G5E8K2;G5E8K3;S4R165;S4R236;S4R2F5;S4R2J6;S4R2S8	15	1	61,2486	0,066212	1,568114	Ankyrin-3 OS=Mus musculus OX=10090 GN=Ank3 PE=1 SV=1	2150,353	2137,144	2016,966	2568,836	1270,959	1683,648	1781,472	1827,451
Q60952	51	2	269,5532	0,066667	1,336617	Centrosome-associated protein CEP250 OS=Mus musculus OX=10090 GN=Cep250 PE=1 SV=4	1559,537	2365,691	1466,242	1495,905	1341,249	1542,213	1348,04	1526,665
P08228	25	9	117,6166	0,066877	1,150192	Superoxide dismutase [Cu-Zn] OS=Mus musculus OX=10090 GN=Sod1 PE=1 SV=2	7822,585	7741,167	8692,547	7829,39	8500,97	9311,853	8686,923	7678,673
Q9DCD2	13	2	84,5437	0,066958	1,47109	Pre-mRNA-splicing factor SYF1 OS=Mus musculus OX=10090 GN=Xab2 PE=1 SV=1	227,3219	230,1162	190,9405	164,3823	91,81367	193,8645	144,0085	184,678
P46664	21	2	152,4001	0,068235	1,176531	Adenylosuccinate synthetase isozyme 2 OS=Mus musculus OX=10090 GN=Adss2 PE=1 SV=2	3941,043	3971,147	4327,657	4148,184	4938,516	4380,448	4267,441	4332,013
Q6PB66;F6V2A3	132	47	974,3837	0,068409	1,175718	Leucine-rich PPR motif-containing protein, mitochondrial OS=Mus musculus OX=10090 GN=Lrpprc PE=1 SV=2	23620,95	23023,96	21494,62	25632,14	22884,06	21527,43	18455,81	17498,56
A2AJ72;A0A0A6YVV5;A0A0A6YX76;A0A0A6YY39;A2AJ71;F7AM43;Q3TIX6	39	5	228,0085	0,069009	1,412215	Far upstream element (FUSE)-binding protein 3 OS=Mus musculus OX=10090 GN=Fubp3 PE=1 SV=1	5333,968	5782,286	6110,354	5926,918	6150,106	6721,467	5344,873	6964,529
P16045	31	12	152,1725	0,069358	1,232875	Galectin-1 OS=Mus musculus OX=10090 GN=Lgals1 PE=1 SV=3	29928,65	26013,41	26201,59	35145,81	38769,69	37157,47	36070,65	32605,47
O35326;Q9D8S5	20	3	135,4018	0,069477	1,697359	Serine/arginine-rich splicing factor 5 OS=Mus musculus OX=10090 GN=Srsf5 PE=1 SV=2	685,406	616,8981	584,6541	631,1346	602,035	530,6728	1311,716	1203,737
P42125;A0A3Q4EC00;A0A452J8A5	12	1	86,2377	0,069647	1,205359	Enoyl-CoA delta isomerase 1, mitochondrial OS=Mus musculus OX=10090 GN=Eci1 PE=1 SV=2	1079,554	1037,759	930,8472	878,0394	1062,389	967,6507	867,2674	1068,309
O88532;D3Z5G4;F6QJP7;F6V459	33	8	200,537	0,0698	1,993716	Zinc finger RNA-binding protein OS=Mus musculus OX=10090 GN=Zfr PE=1 SV=2	4713,538	4206,204	8998,522	7012,461	2802,177	4085,98	3611,611	2449,172
Q9QZM0	19	2	159,6876	0,070101	1,440592	Ubiquilin-2 OS=Mus musculus OX=10090 GN=Ubqln2 PE=1 SV=2	1116,77	1113,581	1138,113	1182,6	1165,353	1280,289	1251,945	1738,85
P97742;A0A494BAD3	14	3	89,9688	0,07025	1,540585	Carnitine O-palmitoyltransferase 1, liver isoform OS=Mus musculus OX=10090 GN=Cpt1a PE=1 SV=4	1539,267	1630,628	1594	1260,45	2737,03	1606,473	1755,62	1366,678
P97377	15	3	82,4998	0,071276	1,787164	Cyclin-dependent kinase 2 OS=Mus musculus OX=10090 GN=Cdk2 PE=1 SV=2	7664,812	3603,831	2864,602	9409,881	12597,41	8026,016	7053,769	7326,324



O70475	22	3	130,5698	0,071463	1,272685	UDP-glucose 6-dehydrogenase OS=Mus musculus OX=10090 GN=Ugdh PE=1 SV=1	743,8881	842,8429	905,3258	724,9172	903,9141	962,7121	1097,223	1130,345
Q99J99;A0A2R8VHE5;A0A2R8VHT1	22	6	149,7272	0,071612	2,240693	3-mercaptopyruvate sulfurtransferase OS=Mus musculus OX=10090 GN=Mpst PE=1 SV=4	1078,254	2583,796	1916,894	750,3333	909,2562	1528,456	792,2896	1188,289
Q9CZ44;A2AT02	33	10	188,0402	0,071703	1,349933	NSFL1 cofactor p47 OS=Mus musculus OX=10090 GN=Nsf1c PE=1 SV=1	4086,899	2956,337	3754,315	4576,193	6386,061	5309,335	4796,255	4261,87
Q3THK7	50	10	350,065	0,072369	1,211976	GMP synthase [glutamine-hydrolyzing] OS=Mus musculus OX=10090 GN=Gmps PE=1 SV=2	4546,016	4216,359	4888,254	5581,118	4990,991	4181,908	4950,935	4343,126
A0A087WS88;Q8K3V7	6	1	38,5352	0,072609	1,215726	Major intrinsically disordered Notch2-binding receptor 1 OS=Mus musculus OX=10090 GN=Minar1 PE=1 SV=1	2706,955	2343,998	2514,161	2602,717	2142,508	1792,907	2160,019	2268,156
Q8VEK3	86	43	513,1154	0,072778	1,269177	Heterogeneous nuclear ribonucleoprotein U OS=Mus musculus OX=10090 GN=Hnrnpu PE=1 SV=1	61007,25	48762,06	42387,35	65231,17	63240,93	48799,6	52987,07	52427,05
Q8VCS3	6	3	37,2564	0,072885	1,373828	Glycosaminoglycan xylosylkinase OS=Mus musculus OX=10090 GN=Fam20b PE=1 SV=1	1091,534	1725,634	1386,274	1285,926	976,3959	1204,11	689,0272	1126,139
Q9D0E1;A0A3Q4EH91;A0A3Q4L2X3;B8JK32;B8JK33;F6W322;F7C9U3	103	37	709,8634	0,073091	1,510002	Heterogeneous nuclear ribonucleoprotein M OS=Mus musculus OX=10090 GN=Hnrnpm PE=1 SV=3	24525,94	9917,65	17996,48	22119,55	24182,71	21932,89	19897,76	20637,71
Q32M02	5	2	29,521	0,073206	2,531719	Fascin-2 OS=Mus musculus OX=10090 GN=Fscn2 PE=2 SV=1	60,90032	60,94329	115,8369	25,37758	7,627261	10,9395	37,77714	47,56106
Q6P2B1;F6TDZ2	26	6	142,3034	0,07329	1,413662	Transportin-3 OS=Mus musculus OX=10090 GN=Tnpo3 PE=1 SV=1	3623,723	1920,227	2070,391	3554,09	3239,886	2550,503	3186,602	3215,164
Q9CYH6	32	12	211,6995	0,0734	1,143956	Ribosome biogenesis regulatory protein homolog OS=Mus musculus OX=10090 GN=Rrs1 PE=1 SV=1	3317,763	3612,223	2943,332	3252,407	3106,166	3313,783	2889,979	2784,807
B1AWZ5;Q9CQE1	5	2	26,5379	0,074266	1,281333	Protein NipSnap homolog 3B OS=Mus musculus OX=10090 GN=Nipsnap3b PE=1 SV=1	1935,488	2685,739	1764,187	2189,683	1749,983	2100,366	1956,994	1854,689
B2RT41	29	3	175,7028	0,074489	1,426309	Zinc finger, C3H1-type-containing OS=Mus musculus OX=10090 GN=Zfc3h1 PE=1 SV=1	2647,679	1328,503	2059,073	1540,593	2890,474	2162,446	2158,591	2484,899
P36552	15	4	102,033	0,074647	1,171378	Oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial OS=Mus musculus OX=10090 GN=Cpox PE=1 SV=2	1955,98	2183,079	2314,66	2267,076	1906,061	2178,34	2099,411	1764,116
O70591;F8WJ30	16	5	107,163	0,07494	1,263237	Prefoldin subunit 2 OS=Mus musculus OX=10090 GN=Pfdn2 PE=1 SV=2	12640,09	12263,94	16864,49	14092,9	16226,38	17577,09	14169,78	13064,58
Q60875;H3BIX8;H3BJ40;H3BJ45;H3BJ59;H3BJU7;H3BKH9;H3BL15;H3BLF9	64	1	401,8625	0,075137	69,47998	Rho guanine nucleotide exchange factor 2 OS=Mus musculus OX=10090 GN=Arhgef2 PE=1 SV=4	6,126485	1798,785	962,3846	56,74777	4,420932	0	64,04685	20,94189
Q0VBL3	47	9	300,0024	0,075196	1,516745	RNA-binding protein 15 OS=Mus musculus OX=10090 GN=Rbm15 PE=1 SV=1	1711,843	1188,522	2218,64	1305,571	1307,735	1517,915	975,2619	1050,96

A2AL36;A0A0G2JE96;A2AS42;E9Q9E7;F6QP53;R4GML3;R4GML4	143	24	901,6701	0,075288	1,381068	Centriolin OS=Mus musculus OX=10090 GN=Cntrl PE=1 SV=2	2523,657	2319,638	2915,225	3195,983	2832,369	1596,76	2839,067	3070,323
Q9D0R8	5	1	23,1777	0,075984	1,163436	Protein LSM12 homolog OS=Mus musculus OX=10090 GN=Lsm12 PE=1 SV=1	5285,008	4543,049	5402,004	5106,293	6572,958	6102,306	5723,809	5260,968
P0C0S6;G3UWL7;Q3THW5;Q3UA95;Q8R029	34	5	102,3966	0,076135	1,40442	Histone H2A.Z OS=Mus musculus OX=10090 GN=H2az1 PE=1 SV=2	9279,924	6771,282	5965,827	9594,02	8753,123	9013,006	7848,627	10849,67
Q91XX3	10	1	45,8323	0,076201	1,982113	Protocadherin gamma B7 OS=Mus musculus OX=10090 GN=Pcdhgb7 PE=1 SV=1	97,63905	105,3982	67,57766	55,06716	21,65957	44,91958	51,4611	46,2703
P97376	2	1	13,4254	0,076261	2,104779	Protein FRG1 OS=Mus musculus OX=10090 GN=Frg1 PE=1 SV=2	1166,049	1428,749	3033,238	1007,199	886,4571	1641,149	1293,565	1020,167
E9Q9F6	4	1	24,1053	0,076495	1,210578	Cation channel sperm-associated auxiliary subunit delta OS=Mus musculus OX=10090 GN=Catsperd PE=1 SV=1	1131,799	1125,569	1200,243	1001,82	946,1764	904,0997	1076,011	757,4331
Q8VE22;A7M7Q8;F7ARZ1;Q3TI14;Q5SXC9	15	4	103,4218	0,077516	1,882455	28S ribosomal protein S23, mitochondrial OS=Mus musculus OX=10090 GN=Mrps23 PE=1 SV=1	3416,62	1896,94	1354,815	3348,638	1564,599	1381,229	1240,155	1135,266
Q9CPR8	5	2	33,3576	0,077656	1,139793	Non-structural maintenance of chromosomes element 3 homolog OS=Mus musculus OX=10090 GN=Nsmce3 PE=1 SV=1	25578,11	27075,01	29471,52	27866,8	35469,48	31270,77	30212,67	27095,57
F6SHS0;F6XCT0	15	2	71,5211	0,077914	4,675113	Microtubule-actin cross-linking factor 1 (Fragment) OS=Mus musculus OX=10090 GN=Macf1 PE=1 SV=1	72,50348	8,418291	308,9969	541,0678	534,9265	119,2386	959,7563	477,4972
Q8BP92	11	2	72,8524	0,078318	1,194521	Reticulocalbin-2 OS=Mus musculus OX=10090 GN=Rcn2 PE=1 SV=1	3329,444	3203,07	2510,528	3253,616	2478,691	2860,369	2386,049	2569,107
P62305;E9Q0W8;E9Q4F4	8	4	31,958	0,078335	1,145766	Small nuclear ribonucleoprotein E OS=Mus musculus OX=10090 GN=Snrpe PE=1 SV=1	565,6611	570,4641	450,7411	495,9525	499,398	576,84	541,9002	474,2774
I7HPW8;A0A1Y7VNG3	31	4	169,7392	0,078503	10,89112	Myosin XVB OS=Mus musculus OX=10090 GN=Myo15b PE=1 SV=2	4532,928	121472	68739,21	6655,287	5977,087	6472,157	4207,544	3699,887
Q61686	14	4	109,218	0,07856	1,383462	Chromobox protein homolog 5 OS=Mus musculus OX=10090 GN=Cbx5 PE=1 SV=1	1429,288	2127,37	1867,594	1247,372	1398,215	971,1769	1179,869	1273,153
Q61035;A0A494BAV2	33	5	195,3831	0,078628	1,277805	Histidine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Hars1 PE=1 SV=2	3346,024	4620,412	2938,97	3859,273	5580,072	4639,88	4770,518	3875,908
A0A338P7H5	7	1	49,7396	0,078714	1,278207	Alpha-2-HS-glycoprotein OS=Mus musculus OX=10090 GN=Ahsg PE=1 SV=1	3970,384	4041,499	5017,769	4435,423	5839,466	4598,669	5928,617	5339,546
Q9DCD0	31	11	210,2981	0,078771	1,226371	6-phosphogluconate dehydrogenase, decarboxylating OS=Mus musculus OX=10090 GN=Pgd PE=1 SV=3	3721,609	2996,756	3943,928	4122,786	4490,427	3872,776	4238,949	4167,134
Q9CQM5	2	1	11,3951	0,0788	1,507787	Thioredoxin domain-containing protein 17 OS=Mus musculus OX=10090 GN=Txndc17 PE=1 SV=1	4092,295	4689,187	3961,149	5278,561	7165,349	5726,429	5369,152	4369,517

P52480;A0A1L1SQV8;A0A1L1SSN6;A0A1L1ST52;A0A1L1STV8;A0A1L1SU37;A0A1L1SUV0;A0A1L1SVH2	116	53	682,1738	0,079082	1,227001	Pyruvate kinase PKM OS=Mus musculus OX=10090 GN=Pkm PE=1 SV=4	41863,38	39838,97	40858,54	48256,77	62929,05	47534,7	49081,25	50048,49
P63028;D3YU75	20	9	100,7402	0,079482	1,361636	Translationally-controlled tumor protein OS=Mus musculus OX=10090 GN=Tpt1 PE=1 SV=1	3048,571	1965,423	2998,123	3018,103	3605,101	2702,99	3699,923	3350,103
Q9D952	17	2	79,8931	0,079667	1,799441	Envoplakin OS=Mus musculus OX=10090 GN=Evpl PE=1 SV=3	655,8322	685,9307	892,738	398,6161	253,7918	463,2844	385,6433	637,6798
Q91VX2;A2AMY5;A2AMY7;F6WTC8	24	3	149,306	0,079726	1,361724	Ubiquitin-associated protein 2 OS=Mus musculus OX=10090 GN=Ubp2 PE=1 SV=1	1440,082	1160,033	1088,994	1365,977	931,468	654,4884	907,4648	918,8495
Q6NZK2;E9Q3G9;E9QAE1;Q29SA9;Q8C6S8	29	4	130,421	0,079728	1,382167	NCK-associated protein 5 OS=Mus musculus OX=10090 GN=Nckap5 PE=1 SV=1	1301,326	1250,944	1089,736	1285,486	1752,442	1512,104	2007,581	1538,489
Q9CZ83	2	1	12,104	0,079956	1,920287	39S ribosomal protein L55, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl55 PE=1 SV=1	5073,144	5336,254	3806,884	4832,057	6227,114	8960,905	3141,95	3105,772
P47857;A0A2R8VHV2	40	7	266,0357	0,080228	1,227898	ATP-dependent 6-phosphofructokinase, muscle type OS=Mus musculus OX=10090 GN=Pfkm PE=1 SV=3	1782,305	1799,874	2174,828	2024,889	2294,844	2062,318	1851,08	1708,051
Q923B1;F6ZYX6	2	1	9,6134	0,080909	2,261452	Lariat debranching enzyme OS=Mus musculus OX=10090 GN=Dbr1 PE=1 SV=2	93,05889	23,48414	83,16441	95,19383	179,3089	66,71314	150,4745	225,423
Q60928	3	1	14,7032	0,081181	2,167022	Glutathione hydrolase 1 proenzyme OS=Mus musculus OX=10090 GN=Ggt1 PE=1 SV=1	1307,962	518,8007	674,2886	240,1934	821,0855	965,4945	1526,61	1906,943
P18872;D3Z2M7;F7BLT7	31	4	208,6532	0,081182	1,299818	Guanine nucleotide-binding protein G(o) subunit alpha OS=Mus musculus OX=10090 GN=Gnao1 PE=1 SV=3	4855,498	6209,705	4101,193	6362,759	4551,183	3872,025	4329,589	3810,416
Q35691;A0A1W2P6S1;Q3TUQ5	46	15	283,3471	0,082867	1,197104	Pinin OS=Mus musculus OX=10090 GN=Pnn PE=1 SV=4	14522,46	14048,61	11417,77	14663,12	14557,01	16412,14	13808,3	13500,3
Q8R5H1	20	2	107,6281	0,083112	1,76593	Ubiquitin carboxyl-terminal hydrolase 15 OS=Mus musculus OX=10090 GN=Usp15 PE=1 SV=1	1083,587	417,361	1015,041	1613,695	2259,06	1830,122	1706,399	1497,152
Q9EQZ7	12	1	58,9684	0,083164	1,686274	Regulating synaptic membrane exocytosis protein 2 OS=Mus musculus OX=10090 GN=Rims2 PE=1 SV=1	438,8132	837,8123	743,8774	537,5716	326,0667	263,2564	529,4022	398,2725
Q60902;A0A1D5RLS1	37	5	210,6667	0,083454	1,48649	Epidermal growth factor receptor substrate 15-like 1 OS=Mus musculus OX=10090 GN=Eps15l1 PE=1 SV=3	673,5858	1328,381	884,9807	753,6118	612,7885	788,9071	667,9931	605,3016
Q76KJ5	7	2	36,6261	0,083488	1,84342	DNA-directed RNA polymerase I subunit RPA34 OS=Mus musculus OX=10090 GN=Polr1g PE=1 SV=2	623,7671	675,9705	522,6076	351,5992	483,7199	1202,142	666,4319	748,7287
Q9D0K2;Q3UJQ9	47	21	396,2035	0,083505	1,226859	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial OS=Mus musculus OX=10090 GN=Oxct1 PE=1 SV=1	42780,41	39221,03	32999,32	40267,31	34684,73	35996,26	29527,55	26348,81

A0A0U1RQ57;A0A0U1RNI6;A0A0U1RP13;A0A0U1RP60;A0A0U1RPV3;Q8VDP6	5	2	14,828	0,083774	1,260579	CDP-diacylglycerol--inositol 3-phosphatidyltransferase OS=Mus musculus OX=10090 GN=Cdipt PE=1 SV=1	269,0807	281,6961	281,9982	219,9852	187,1562	194,8053	180,5206	272,6582
Q01853	106	49	641,77	0,084035	1,155563	Transitional endoplasmic reticulum ATPase OS=Mus musculus OX=10090 GN=Vcp PE=1 SV=4	26818,8	27567,1	28245,98	31903,92	34676	32946,67	30910,3	30899,24
A2AN61;F6S5B6;F6XWQ4;Q3UUUV0;Q8VEH2	16	3	73,7951	0,084112	2,137767	CDKN1A-interacting zinc finger protein 1 OS=Mus musculus OX=10090 GN=Ciz1 PE=1 SV=1	304,9647	119,0525	154,2414	244,6155	243,4114	161,9108	483,4379	710,3976
P84099;A2A547	19	7	104,5518	0,084309	1,753713	60S ribosomal protein L19 OS=Mus musculus OX=10090 GN=Rpl19 PE=1 SV=1	5294,774	2377,16	1627,829	6200,269	7582,223	3892,455	6893,788	6913,684
P28658	40	5	298,072	0,084464	1,365781	Ataxin-10 OS=Mus musculus OX=10090 GN=Atxn10 PE=1 SV=2	2109,802	3295,99	2384,355	2791,937	2711,075	2389,552	1980,411	2299,379
P53702	4	1	20,4158	0,084525	31,43764	Holocytochrome c-type synthase OS=Mus musculus OX=10090 GN=Hccs PE=1 SV=2	68,44889	7072,16	3057,602	173,9421	118,23	142,7763	110,9068	76,46416
Q60988	3	1	21,8284	0,08455	1,36597	SCL-interrupting locus protein homolog OS=Mus musculus OX=10090 GN=Stil PE=1 SV=1	6365,199	3610,786	3745,842	5806,078	8409,045	6900,96	5761,335	5603,197
P12970	44	25	220,4251	0,085068	1,168505	60S ribosomal protein L7a OS=Mus musculus OX=10090 GN=Rpl7a PE=1 SV=2	43752,59	38469,67	52076,76	48806,98	58033,73	53098,64	48850,8	53977,08
Q9DBR1	56	17	360,8081	0,085326	1,258958	5'-3' exoribonuclease 2 OS=Mus musculus OX=10090 GN=Xrn2 PE=1 SV=1	4971,977	4263,605	3969,672	5088,001	4620,591	3369,195	3878,874	4152,805
Q3U1J4;A0A494B987;A0A494BAF6;A0A494BBJ6	59	10	355,1886	0,08543	1,288973	DNA damage-binding protein 1 OS=Mus musculus OX=10090 GN=Ddb1 PE=1 SV=2	6752,462	4283,824	7211,91	7444,022	8813,818	8230,713	7921,864	8150,19
Q8BMP6;A0A0R4J079	22	3	143,2035	0,085432	1,536992	Golgi resident protein GCP60 OS=Mus musculus OX=10090 GN=Acbd3 PE=1 SV=3	445,9769	913,0818	586,9347	473,5202	503,5889	302,0894	392,7326	375,7768
Q59IX1	6	1	28,7571	0,08553	2,792658	Origin recognition complex subunit 2 OS=Mus musculus OX=10090 GN=Orc2 PE=1 SV=1	1705,681	4643,472	3171,758	1375,691	1316,764	2911,881	1175,889	595,397
Q8R016;E9PY26;E9PZH4;E9Q6V3	25	4	169,3306	0,08594	1,481287	Bleomycin hydrolase OS=Mus musculus OX=10090 GN=Blmh PE=1 SV=1	1334,595	563,6599	1378,17	1205,754	1669,401	1634,748	1780,21	1555,033
Q99KK7;A0A494BA16;A0A494BBC1	20	4	146,9768	0,086422	1,409931	Dipeptidyl peptidase 3 OS=Mus musculus OX=10090 GN=Dpp3 PE=1 SV=2	738,4884	427,5604	440,1674	611,5813	832,9913	502,8177	968,0406	817,774
Q91WQ3;A2A7S7;F6VXZ2	56	17	377,9524	0,086797	1,148815	Tyrosine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Yars1 PE=1 SV=3	6911,325	7122,902	7611,448	7759,245	5479,59	6537,09	6865,427	6713,757
P62821;Q5SW86;Q5SW87;Q5SW88	27	2	185,0152	0,086801	1,147499	Ras-related protein Rab-1A OS=Mus musculus OX=10090 GN=Rab1A PE=1 SV=3	1933,815	2105,879	1695,464	1938,971	1900,527	1749,879	1544,627	1540,728
Q9QXL1;E9Q0A4;F6ZSF2;F8VQE2	4	3	24,9511	0,087229	1,133905	Kinesin-like protein KIF21B OS=Mus musculus OX=10090 GN=Kif21b PE=1 SV=2	1034,508	1031,638	1076,39	1114,354	1111,116	1104,469	908,4034	920,5641
Q99JX3;A2ATI6;A2ATI8;A2ATI9	7	1	43,262	0,087755	1,532156	Golgi reassembly-stacking protein 2 OS=Mus musculus OX=10090 GN=Gorasp2 PE=1 SV=3	1567,803	959,2429	826,1349	1516,382	769,1668	787,3821	822,612	799,0822

Q9CRC8;A0A0R4J0W6	26	3	168,3619	0,087821	1,253535	Leucine-rich repeat-containing protein 40 OS=Mus musculus OX=10090 GN=Lrrc40 PE=1 SV=2	1238,099	939,0667	1160,441	1407,706	1437,229	1386,308	1515,998	1608,879
P70296;D3Z1V4;D6RHS6	18	9	142,2359	0,087886	1,191055	Phosphatidylethanolamine-binding protein 1 OS=Mus musculus OX=10090 GN=Pebp1 PE=1 SV=3	32033,55	30338,74	32443,55	40546,48	44308,53	41491,35	42042,88	33381,25
Q80YR7	8	1	48,7693	0,087935	244,6635	Claspin OS=Mus musculus OX=10090 GN=Clspn PE=1 SV=2	6528,652	810,5657	720,1004	4496,008	8578,84	0	10858,88	8733,498
E0CY84;Q7TPQ9	2	1	14,8931	0,088096	1,449676	Arrestin domain-containing protein 3 OS=Mus musculus OX=10090 GN=Arrdc3 PE=3 SV=1	1061,699	1472,82	893,4458	1204,916	1633,508	1105,555	1012,624	1280,313
Q80T69	1	1	4,0376	0,088754	1,33321	Lysine-specific demethylase 9 OS=Mus musculus OX=10090 GN=Rsb1 PE=1 SV=3	3061,772	3023,502	3207,113	3218,437	1797,965	2878,456	2241,043	2466,524
Q922P9;D3YYT1	17	2	104,0977	0,089016	1,502834	Putative oxidoreductase GLYR1 OS=Mus musculus OX=10090 GN=Glyr1 PE=1 SV=1	1705,609	1015,38	1608,621	1126,32	756,9381	1089,17	737,3847	1046,935
E9Q933	3	1	21,5763	0,089429	1,520703	Transmembrane protein 11, mitochondrial OS=Mus musculus OX=10090 GN=Tmem11 PE=1 SV=1	589,4829	629,1657	453,1562	630,7676	961,181	1148,643	662,6082	729,0969
O70194;A0A2R8VK20	34	12	243,5428	0,089487	1,222801	Eukaryotic translation initiation factor 3 subunit D OS=Mus musculus OX=10090 GN=Eif3d PE=1 SV=2	10109,81	7484,36	8714,562	12326,99	13223,12	11252,36	11688,45	11079,88
Q9CXW3;A0A0A6YY29	31	15	236,7091	0,08965	1,268246	Calcyclin-binding protein OS=Mus musculus OX=10090 GN=Cacybp PE=1 SV=1	14402,82	13585,08	15382,13	15744,73	20084,02	18485,55	16083,65	12682,31
Q3UHU5	8	3	51,1957	0,08981	2,826816	Microtubule cross-linking factor 1 OS=Mus musculus OX=10090 GN=Mtcl1 PE=1 SV=1	2397,142	8015,782	6425,557	2661,113	1840,44	5185,862	1100,957	970,1271
P52432;D3Z3D6;D3Z7Q8; G3UX92;G3UXX5	5	2	31,9978	0,090273	1,185874	DNA-directed RNA polymerases I and III subunit RPAC1 OS=Mus musculus OX=10090 GN=Polr1c PE=1 SV=3	3617,384	3612,674	3686,617	3757,7	3464,561	3984,043	3082,678	3224,48
Q6NVE9	2	1	16,3264	0,090783	4,186221	Protein phosphatase PTC7 homolog OS=Mus musculus OX=10090 GN=Pptc7 PE=1 SV=1	105,0306	45,69288	40,74847	19,57106	23,43431	138,6973	211,7067	489,6429
Q9DBG5;A0A3B2WCW2 Q91W50;A0A0G2JDJ7;A0A 0G2JE62;A0A0G2JF72;Q8J ZN2	22	5	160,8733	0,091067	1,614294	Perilipin-3 OS=Mus musculus OX=10090 GN=Plin3 PE=1 SV=1	1189,117	912,7262	1455,59	1168,197	1614,045	2072,071	2360,624	1581,816
Q91WM3	50	14	338,1655	0,091506	1,226326	Cold shock domain-containing protein E1 OS=Mus musculus OX=10090 GN=Csde1 PE=1 SV=1	3889,219	3920,708	3847,235	3775,058	4226,236	4598,96	3367,392	3023,601
	6	1	38,8014	0,091514	1,833689	U3 small nucleolar RNA-interacting protein 2 OS=Mus musculus OX=10090 GN=Rrp9 PE=1 SV=1	404,646	144,3858	329,6598	482,7219	693,008	722,5924	664,6097	416,1986
F7BE84;A6H6J9	4	1	26,5741	0,092153	2,224505	Ankyrin repeat domain 50 (Fragment) OS=Mus musculus OX=10090 GN=Ankrd50 PE=1 SV=1	0	0	15,37572	265,668	143,3506	16,81121	92,6098	201,4859
Q78PY7;Q3TJ56	95	23	599,1926	0,092461	1,166323	Staphylococcal nuclease domain-containing protein 1 OS=Mus musculus OX=10090 GN=Snd1 PE=1 SV=1	21458,67	22450,36	22215,14	27006,61	23741,8	22255,39	22421,74	20031,24

P28740;E0CZ72;F8VQ42	52	6	281,4033	0,092854	1,369163	Kinesin-like protein KIF2A OS=Mus musculus OX=10090 GN=Kif2a PE=1 SV=2	1655,603	1317,735	1258,055	1403,964	608,9914	1085,857	1168,833	1252,231
P53657;E9Q509;G3X925	26	3	146,745	0,09292	1,167136	Pyruvate kinase PKLR OS=Mus musculus OX=10090 GN=Pklr PE=1 SV=1	5525,848	5043,324	5371,544	6020,633	4292,089	5267,871	4924,74	5191,131
Q8R1B4;MOQWV3	60	17	385,4824	0,092942	1,398345	Eukaryotic translation initiation factor 3 subunit C OS=Mus musculus OX=10090 GN=Eif3c PE=1 SV=1	7645,313	5877,87	6626,711	10167,83	8900,425	6627,37	10899,04	10689,05
Q9DBR4;E9PWH3;E9QPX0 ;F6V8Y6;Q3TDW6;Q3TIZ5	12	1	65,725	0,093053	1,316853	Amyloid beta precursor protein binding family B member 2 OS=Mus musculus OX=10090 GN=Apbb2 PE=1 SV=2	587,5338	901,1068	754,6713	786,448	962,5157	1031,66	715,7375	1107,035
P81117;Q3UKN6	26	12	150,0149	0,093117	1,808616	Nucleobindin-2 OS=Mus musculus OX=10090 GN=Nucb2 PE=1 SV=2	3463,844	4411,432	1928,466	2576,744	1304,608	3479,79	1586,338	1802,182
Q8BRH0;G5E8C4	5	2	31,6655	0,093226	1,44019	Protein O-mannosyl-transferase TMTC3 OS=Mus musculus OX=10090 GN=Tmtc3 PE=1 SV=2	750,4253	709,8395	568,2343	895,7391	635,9242	357,1079	536,6099	500,8111
Q9D6J6;D6RGN4;MOQWP 9	17	7	112,2527	0,093454	1,230671	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial OS=Mus musculus OX=10090 GN=Ndufv2 PE=1 SV=2	6164,733	7664,874	5333,253	6271,635	5676,648	5611,12	4412,438	4966,973
Q9CWF2	155	1	621,5377	0,093513	1,738511	Tubulin beta-2B chain OS=Mus musculus OX=10090 GN=Tubb2b PE=1 SV=1	6034,232	2877,575	3648,438	8362,541	12382,57	5832,071	8839,623	9320,215
Q9CQ60;D3Z4X1;F6X8L5;Q 8CBG6	15	7	96,8658	0,09368	1,237318	6-phosphogluconolactonase OS=Mus musculus OX=10090 GN=Pgls PE=1 SV=1	7393,681	7429,947	6907,626	8228,954	10321,66	8342,888	8222,724	7330,409
Q921N6;H3BLJ6	23	4	122,129	0,094254	1,151828	Probable ATP-dependent RNA helicase DDX27 OS=Mus musculus OX=10090 GN=Ddx27 PE=1 SV=3	1357,127	1447,694	1332,253	1453,387	1267,537	1536,428	1163,674	1237,27
Q9D6S7	6	1	47,5173	0,094254	1,515461	Ribosome-recycling factor, mitochondrial OS=Mus musculus OX=10090 GN=Mrrf PE=1 SV=1	421,7653	438,7596	363,4237	342,6448	253,802	228,0735	275,3206	276,5442
O08601	2	1	11,2064	0,094309	1,14431	Microsomal triglyceride transfer protein large subunit OS=Mus musculus OX=10090 GN=Mttp PE=1 SV=2	1048,701	1053,417	1142,936	972,6251	1015,206	935,3834	890,7472	844,4447
Q80WW9	4	1	22,3347	0,094325	4,203743	DDRGK domain-containing protein 1 OS=Mus musculus OX=10090 GN=Ddrkg1 PE=1 SV=2	372,2895	105,6889	23,04256	326,2313	7,126715	5,884684	88,65235	95,12569
A2AST1;A2AK24;D6RJ38;E 9Q8Q6	9	2	51,7252	0,094668	2,517452	Coiled-coil domain-containing 141 OS=Mus musculus OX=10090 GN=Ccdc141 PE=1 SV=1	3174,349	1142,667	3855,311	4639,685	8600,635	2469,599	5944,565	5812,6
Q6ZPY7	9	1	48,7645	0,094823	1,56504	Lysine-specific demethylase 3B OS=Mus musculus OX=10090 GN=Kdm3b PE=1 SV=3	2538,98	4728,598	5404,513	3226,199	4021,569	3683,111	3047,59	2743,378
Q60823;D3YXM7;D3YZJ5; D3Z0M3;D3Z3N2;D3Z490; D3Z5X2;F8WHG5	27	4	154,6407	0,094877	1,485533	RAC-beta serine/threonine-protein kinase OS=Mus musculus OX=10090 GN=Akt2 PE=1 SV=1	420,7901	673,4644	382,7568	471,9872	705,2047	416,8817	1010,334	705,6326
P61759;Q3TIR6	18	5	100,7115	0,094918	1,385725	Prefoldin subunit 3 OS=Mus musculus OX=10090 GN=Vbp1 PE=1 SV=2	1026,921	1097,713	1413,641	1094,173	1631,719	1405,087	1480,221	921,9327

P55096;A0A0G2JDI9	35	11	219,7494	0,094952	1,24589	ATP-binding cassette sub-family D member 3 OS=Mus musculus OX=10090 GN=Abcd3 PE=1 SV=2	7532,934	6274,621	5344,474	7337,442	4347,857	5422,923	5538,77	5951,941
Q9CZ13;A0A0A6YW82;A0 A0A6YWX6	48	14	307,0808	0,094958	1,196244	Cytochrome b-c1 complex subunit 1, mitochondrial OS=Mus musculus OX=10090 GN=Uqcrc1 PE=1 SV=2	22722,55	19459,28	15715,29	19856,72	17312,22	14459,94	17374,25	15951,94
Q91Z31;A0A0G2JGW0;F7C 521;Q3V328	42	13	298,827	0,095043	1,233191	Polypyrimidine tract-binding protein 2 OS=Mus musculus OX=10090 GN=Ptpb2 PE=1 SV=2	19151,26	16330,9	14494,42	20434,58	17179,61	15490,12	16034,76	17961,13
A0A494BBA8;A0A494B9Z0 ;P62862;Q642K5	5	1	34,6206	0,095733	1,242237	40S ribosomal protein S30 OS=Mus musculus OX=10090 GN=Fau PE=1 SV=1	1494,359	1762,44	1710,25	1387,516	1871,532	1875,386	1929,317	2217,639
G3UYF9;Q03958	4	2	17,068	0,095791	1,242546	Prefoldin subunit 6 OS=Mus musculus OX=10090 GN=Pfdn6 PE=1 SV=1	2215,182	2790,361	2493,033	2739,003	3838,222	3396,452	2784,846	2701,14
O09167;Q9CQM8	21	4	99,2581	0,095837	1,498665	60S ribosomal protein L21 OS=Mus musculus OX=10090 GN=Rpl21 PE=1 SV=3	1173,152	434,9241	589,8408	1297,477	1368,725	1248,218	1112,581	1298,627
A0A338P6N4;A0A338P723 ;A0A384DV78;Q80W49	41	4	192,5719	0,096642	2,101326	Beta/gamma crystallin domain-containing protein 3 OS=Mus musculus OX=10090 GN=Crybg3 PE=1 SV=1	964,403	1706,895	2786,038	3434,147	1853,566	821,0207	725,2609	831,5206
Q8BGD9;B2RWE8	45	16	276,7559	0,096976	1,603639	Eukaryotic translation initiation factor 4B OS=Mus musculus OX=10090 GN=Eif4b PE=1 SV=1	4109,336	1211,138	2356,428	4561,428	6220,967	4069,251	4850,386	4485,264
P62918	34	16	153,2825	0,097035	1,467306	60S ribosomal protein L8 OS=Mus musculus OX=10090 GN=Rpl8 PE=1 SV=2	20894,75	9377,6	9578,32	22265,48	28213,53	17985,32	22651,7	22292,86
Q3UIR3	8	1	37,5636	0,097506	1,443817	E3 ubiquitin-protein ligase DTX3L OS=Mus musculus OX=10090 GN=Dtx3l PE=1 SV=1	204,6615	107,5727	111,8644	187,0602	201,4461	202,0512	272,2871	206,6171
Q08093;D3Z7R6	9	3	64,8822	0,097866	1,983649	Calponin-2 OS=Mus musculus OX=10090 GN=Cnn2 PE=1 SV=1	231,5138	97,90553	215,4716	199,6948	186,5259	512,9589	367,846	409,6658
Q8N9S3;A2AF81;A2AF82;F 6S1R2	14	2	94,7981	0,098107	1,425368	Activator of 90 kDa heat shock protein ATPase homolog 2 OS=Mus musculus OX=10090 GN=Ahsa2 PE=1 SV=2	259,3954	315,5463	349,2068	348,4118	267,8394	339,887	236,5987	208,2485
Q14BE7	3	1	14,8249	0,098611	1,50618	Family with sequence similarity 47, member A OS=Mus musculus OX=10090 GN=Fam47c PE=2 SV=1	203,1937	206,8711	242,9085	175,8035	184,9934	234,7802	311,2283	252,2248
P40630;A0A0R4J1N9;D3Z0 F3	11	3	64,9852	0,099246	1,161837	Transcription factor A, mitochondrial OS=Mus musculus OX=10090 GN=Tfam PE=1 SV=2	17751,26	17087,21	16980,17	20490,64	18984,31	20326,81	15555,75	19081,92
P20152;A0A0A6YWC8;A2 AKJ2	250	94	987,2047	0,099736	1,22523	Vimentin OS=Mus musculus OX=10090 GN=Vim PE=1 SV=3	37040,85	26806,34	36832,23	39305,82	33954,67	32547,73	28101,3	35181,84
Q9JHS4;Q6P8N8	27	4	152,1366	0,100158	1,183423	ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial OS=Mus musculus OX=10090 GN=Clpx PE=1 SV=2	2663,324	2213,21	2301,851	2704,827	1761,894	2244,936	2058,684	2285,859
A2AWI7;A2AWI9;Q8R3V5	6	2	36,7494	0,100265	1,168323	Endophilin-B2 OS=Mus musculus OX=10090 GN=Sh3glb2 PE=1 SV=1	760,036	833,2653	980,2445	899,275	1028,893	1137,19	935,297	955,9965

Q64521;A2AQR0	34	4	203,117	0,100364	1,236122	Glycerol-3-phosphate dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Gpd2 PE=1 SV=2	2796,312	2559,257	2624,804	2784,324	2538,665	1593,432	2267,003	2309,345
B2RSH2	22	2	168,6601	0,100386	1,946312	Guanine nucleotide-binding protein G(i) subunit alpha-1 OS=Mus musculus OX=10090 GN=Gnai1 PE=1 SV=1	381,3746	977,2928	984,6438	451,683	414,1024	269,5094	324,4256	428,0086
Q921M7;A0A2I3BRN5;Q8BHZ0	20	6	146,3662	0,100943	1,105085	CYFIP-related Rac1 interactor B OS=Mus musculus OX=10090 GN=Cyrib PE=1 SV=1	13291,74	12946,01	13436,13	14081,09	13063,32	12975,06	11383,78	11657,77
Q91YN9;A0A087WVX9	15	3	87,7425	0,101853	1,617406	BAG family molecular chaperone regulator 2 OS=Mus musculus OX=10090 GN=Bag2 PE=1 SV=1	242,6643	401,5974	424,3457	288,7815	152,2655	170,4202	202,1347	314,4176
Q80TL1;Q3V1Q3	3	1	13,7898	0,101945	3,129986	Adenylate cyclase type 2 OS=Mus musculus OX=10090 GN=Adcy2 PE=1 SV=2	1367,381	991,2859	1062,023	1006,883	149,9887	298,441	529,377	436,7594
Q9Z2U1;A0A0G2JF97	23	6	128,6865	0,102097	1,280409	Proteasome subunit alpha type-5 OS=Mus musculus OX=10090 GN=Pma5 PE=1 SV=1	2271,41	1742,824	2738,052	2544,81	3399,694	3099,364	2962,2	2442,825
E9Q557	13	1	60,8359	0,102304	1,767117	Desmoplakin OS=Mus musculus OX=10090 GN=Dsp PE=1 SV=1	103,6411	204,5517	284,1391	116,1831	286,4027	242,4487	230,3613	317,4395
Q8BI22;F6Q1Q5;F7CIB0	15	1	86,1863	0,102939	1,213512	Centrosomal protein of 128 kDa OS=Mus musculus OX=10090 GN=Cep128 PE=1 SV=2	649,4088	667,0218	629,8659	650,1874	691,6919	899,6724	740,1956	819,3047
Q6P4T2	133	27	854,4797	0,103732	1,420032	U5 small nuclear ribonucleoprotein 200 kDa helicase OS=Mus musculus OX=10090 GN=Snrnp200 PE=1 SV=1	25281,18	22242,84	18575,31	21033,21	25025,03	33774,04	23751,85	23508,56
P38647	128	58	742,8964	0,103808	1,146796	Stress-70 protein, mitochondrial OS=Mus musculus OX=10090 GN=Hspa9 PE=1 SV=3	86883,43	78789,98	68414,66	85706,68	72203,27	76112,62	65396,02	65147,42
Q80UM7	37	15	279,3833	0,10404	1,126764	Mannosyl-oligosaccharide glucosidase OS=Mus musculus OX=10090 GN=Mogs PE=1 SV=1	9026,793	10021,5	7934,195	9225,649	7781,761	7880,861	8800,212	7671,774
O08528;E9Q5B5;E9Q9M6	63	11	360,7303	0,104131	1,174029	Hexokinase-2 OS=Mus musculus OX=10090 GN=Hk2 PE=1 SV=1	5745,073	4718,91	5049,145	5269,352	5117,305	5096,507	4723,587	4469,776
P84084	21	3	149,4569	0,104275	1,104257	ADP-ribosylation factor 5 OS=Mus musculus OX=10090 GN=Arf5 PE=1 SV=2	3418,315	3359,985	3473,795	3294,305	3157,573	3403,654	3434,029	2873,431
P17225	40	2	269,6021	0,104368	1,242594	Polypyrimidine tract-binding protein 1 OS=Mus musculus OX=10090 GN=Ptbp1 PE=1 SV=2	1977,906	1605,593	1483,455	1996,843	1414,149	1643,126	1419,891	1207,552
P62892	2	2	16,332	0,104625	1,427414	60S ribosomal protein L39 OS=Mus musculus OX=10090 GN=Rpl39 PE=1 SV=2	4122,512	3025,141	2243,451	3634,331	4210,426	5447,101	5119,1	3816,057
Q9JLV1	39	15	260,5696	0,10484	1,263141	BAG family molecular chaperone regulator 3 OS=Mus musculus OX=10090 GN=Bag3 PE=1 SV=2	3246,8	2769,624	3642,142	4419,242	4760,312	4283,713	5057,013	3681,212
Q99KV1	16	5	92,0734	0,105403	1,189353	DnaJ homolog subfamily B member 11 OS=Mus musculus OX=10090 GN=Dnajb11 PE=1 SV=1	11305,33	8442,967	9154,872	10552,67	7178,429	9439,515	8326,791	8229,486
Q8BHS3	3	1	13,4626	0,105446	1,806859	Pre-mRNA-splicing factor RBM22 OS=Mus musculus OX=10090 GN=Rbm22 PE=1 SV=1	1886,654	1020,667	276,0446	1530,521	2798,342	1913,476	2111,378	1694,134



Q8BHW9	4	1	25,3223	0,106224	1,805754	Schlafen-like protein 1 OS=Mus musculus OX=10090 GN=Slfn1 PE=2 SV=1	3143,026	3132,741	3832,173	3913,137	2842,681	3182,228	1139,026	1205,982
L0N7N1;A0A0J9YUN5;E9Q3T3	47	6	260,4429	0,106489	1,214199	Kinesin-like protein KIF14 OS=Mus musculus OX=10090 GN=Kif14 PE=1 SV=1	1918,43	2049,076	1989,172	2171,632	2472,399	2881,291	2089,38	2426,314
Q8BU14	9	3	62,5429	0,106909	5,257085	Translocation protein SEC62 OS=Mus musculus OX=10090 GN=Sec62 PE=1 SV=1	310,0847	1550,093	3200,738	244,9864	191,3982	357,4397	212,4242	356,5106
Q35737;Q8C2Q7	68	8	298,1158	0,107046	1,245734	Heterogeneous nuclear ribonucleoprotein H OS=Mus musculus OX=10090 GN=Hnrnp1 PE=1 SV=3	36613,18	26688,77	23328,02	34828,81	38085	28793,96	30269,42	30623,99
Q6PDL0;A0A1D5RM94;A0A1D5RMC1	23	3	158,0897	0,107094	1,125772	Cytoplasmic dynein 1 light intermediate chain 2 OS=Mus musculus OX=10090 GN=Dync1li2 PE=1 SV=2	1152,365	1053,378	963,044	1011,113	1034,637	1243,449	1197,182	1230,345
A0A668KLG2	1	1	4,8489	0,107094	2,559787	Sorbin and SH3 domain-containing protein 1 (Fragment) OS=Mus musculus OX=10090 GN=Sorbs1 PE=1 SV=1	0	47,24981	58,85941	0	109,2335	15,98973	79,27365	59,42261
Q9JIC3;S4R1N2	9	1	50,7405	0,107502	2,881785	DNA cross-link repair 1A protein OS=Mus musculus OX=10090 GN=Dclre1a PE=1 SV=2	1063,967	717,4093	863,1673	816,2368	541,9425	1105,131	946,1718	1979,361
P35564	87	39	428,0943	0,10791	1,111674	Calnexin OS=Mus musculus OX=10090 GN=Canx PE=1 SV=1	64219,51	57482,06	56175,67	57280,01	54238,7	57560,94	49721,6	50013,14
A0A1L1SVK0;A0A1L1SQ76 ;A0A1L1SQV7;A0A1L1SRD 0;Q61206	10	5	78,8006	0,107976	1,339596	Platelet-activating factor acetylhydrolase IB subunit alpha2 (Fragment) OS=Mus musculus OX=10090 GN=Pafah1b2 PE=1 SV=1	2285,841	1970,446	2002,802	2739,568	3980,563	3055,951	2381,848	2636,206
Q9D1Q6	15	5	92,4529	0,108	1,382716	Endoplasmic reticulum resident protein 44 OS=Mus musculus OX=10090 GN=Erp44 PE=1 SV=1	2906,632	2367,416	2309,767	1815,096	1755,476	2086,489	1697,234	1258,229
Q9D0F3	34	7	221,267	0,108136	1,377823	Protein ERGIC-53 OS=Mus musculus OX=10090 GN=Lman1 PE=1 SV=1	4196,653	2714,954	4465,14	4798,92	2898,816	2260,551	3285,879	3294,771
Q9Z277	69	14	374,9853	0,108868	1,521684	Tyrosine-protein kinase BAZ1B OS=Mus musculus OX=10090 GN=Baz1b PE=1 SV=2	6148,517	13046,45	5370,825	7123,488	6593,841	8966,708	6699,346	8878,828
O88327;B1AZA7 Q148V7;A0A087WRM8;A0 A087WSS1;E9QM90;G3X9 J4	11	1	52,5641	0,109108	2,219732	Alpha-catulin OS=Mus musculus OX=10090 GN=Cttnal1 PE=1 SV=1	131,6816	100,6448	28,08202	86,19476	108,43	235,7911	213,8356	211,3096
Q924B0;O55023;Q80ZJ2	18	3	105,2	0,110085	1,192924	RAB11-binding protein RELCH OS=Mus musculus OX=10090 GN=Relch PE=1 SV=1	1561,137	1442,36	1487,992	1625,295	1149,99	1472,181	1625,84	1463,018
Q924B0;O55023;Q80ZJ2	8	2	54,9242	0,110217	1,318508	Inositol-1-monophosphatase OS=Mus musculus OX=10090 GN=Impa1 PE=1 SV=1	1088,27	643,5777	1079,414	1125,394	1204,548	1449,74	1239,724	1296,501
Q3TKY6;D3Z2U3	11	2	74,1435	0,110235	1,638777	Spliceosome-associated protein CWC27 homolog OS=Mus musculus OX=10090 GN=Cwc27 PE=1 SV=1	642,8492	996,9287	1478,101	662,033	485,729	510,1124	723,3398	632,6026
Q9D2G2	38	14	261,604	0,111136	1,273109	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial OS=Mus musculus OX=10090 GN=Dlst PE=1 SV=1	30588,77	26896,79	25206,68	29224,48	16178,4	27292,44	23549,55	20887,78

P45878	10	2	80,7542	0,111346	1,29222	Peptidyl-prolyl cis-trans isomerase FKBP2 OS=Mus musculus OX=10090 GN=Fkbp2 PE=1 SV=1	5027,33	5500,728	3971,407	4646,292	3223,295	5473,302	3629,878	3622,741
P54728	21	7	165,3011	0,111356	1,263895	UV excision repair protein RAD23 homolog B OS=Mus musculus OX=10090 GN=Rad23b PE=1 SV=2	12934,38	12021,43	9445,564	14524,98	19250,79	14147,29	14943,8	13495,9
Q9WUH5	6	2	27,757	0,111363	1,281802	Tripartite motif-containing protein 10 OS=Mus musculus OX=10090 GN=Trim10 PE=2 SV=2	2354,441	2457,894	2047,713	2901,886	2851,353	2238,274	3217,684	2866,968
P61082;F6WMC0;F7CDD0;G5E919	15	8	112,148	0,111453	1,409002	NEDD8-conjugating enzyme Ubc12 OS=Mus musculus OX=10090 GN=Ube2m PE=1 SV=1	7750,444	7891,736	4856,684	8008,204	12018,13	11600,13	8806,967	7741,294
Q6NWW3;E9Q9G8;S4R282	16	2	81,8274	0,111535	2,207127	Intraflagellar transport protein 122 homolog OS=Mus musculus OX=10090 GN=Ift122 PE=1 SV=1	150,8538	62,67379	144,1239	130,2518	294,4035	62,19767	274,8763	230,7983
O08638	147	5	1139,797	0,112199	1,547435	Myosin-11 OS=Mus musculus OX=10090 GN=Myh11 PE=1 SV=1	852,5358	931,0512	1524,347	890,2982	1024,769	441,3695	705,7103	541,1776
Q80UW2	3	1	21,7314	0,112247	1,380918	F-box only protein 2 OS=Mus musculus OX=10090 GN=Fbxo2 PE=1 SV=1	884,2135	1147,114	1301,339	1448,164	2119,06	1345,002	1777,9	1359,972
Q9D1A2	31	2	206,5723	0,112386	6,67685	Cytosolic non-specific dipeptidase OS=Mus musculus OX=10090 GN=Cndp2 PE=1 SV=1	51,84336	567,7885	38,4112	102,3182	24,87968	23,42931	39,19688	26,37435
Q80WE4;A0A286YCY3	19	1	90,6912	0,112393	1,725164	Kinesin-like protein KIF20B OS=Mus musculus OX=10090 GN=Kif20b PE=1 SV=3	484,5602	326,9866	354,0355	236,1233	69,08436	205,4145	263,1269	336,667
O08997	1	1	4,9839	0,112443	1,602815	Copper transport protein ATOX1 OS=Mus musculus OX=10090 GN=Atox1 PE=1 SV=1	341,3365	276,3446	112,3749	110,5016	275,6137	273,5681	339,0208	459,056
P41245	5	1	28,6851	0,11279	1,479512	Matrix metalloproteinase-9 OS=Mus musculus OX=10090 GN=Mmp9 PE=1 SV=2	390,3958	490,057	354,5304	354,127	533,2985	289,2878	264,2664	388,0531
Q9JL35	5	2	33,2662	0,113117	2,115747	High mobility group nucleosome-binding domain-containing protein 5 OS=Mus musculus OX=10090 GN=Hmgn5 PE=1 SV=2	2041,465	7381,357	2452,593	2206,453	2756,072	1437,697	1533,087	1097,451
P47879;H3BJT2;H3BLB7	5	1	24,9466	0,113259	1,298066	Insulin-like growth factor-binding protein 4 OS=Mus musculus OX=10090 GN=Igfbp4 PE=1 SV=2	3021,609	2512,068	2399,216	2442,748	2041,56	2354,56	1912,409	1950,483
Q8BQM4;E9PWH6	25	7	128,1835	0,113518	1,219612	HEAT repeat-containing protein 3 OS=Mus musculus OX=10090 GN=Heatr3 PE=1 SV=1	3092,93	2937,209	3849,418	3721,407	4686,941	3937,745	3849,399	3404,558
Q9QUM9;E0CXB1	23	5	137,7739	0,114422	1,357332	Proteasome subunit alpha type-6 OS=Mus musculus OX=10090 GN=Psm6 PE=1 SV=1	8100,431	5494,123	4982,606	5791,64	10045,79	6583,723	9480,249	6966,781
Q9WVA4;A0A0A6YXG6	49	23	281,1781	0,114475	1,203588	Transgelin-2 OS=Mus musculus OX=10090 GN=Tagln2 PE=1 SV=4	58206,83	51104,54	58198,81	64400,94	74475,48	65707,48	62272,59	52473,4
P07901;A2A6A2;B7ZC49;B7ZC50	173	41	981,3082	0,114585	1,234109	Heat shock protein HSP 90-alpha OS=Mus musculus OX=10090 GN=Hsp90aa1 PE=1 SV=4	79392,56	56529,88	79042,43	84626,11	110264,4	89363,45	88600,91	81499,13
Q91YR7	62	9	325,2581	0,115234	1,575374	Pre-mRNA-processing factor 6 OS=Mus musculus OX=10090 GN=Prpf6 PE=1 SV=1	3883,263	4919,824	2675,89	3680,635	4877,649	6894,205	3716,77	3547,052

Q9JIK9	12	2	85,1701	0,116019	1,196695	28S ribosomal protein S34, mitochondrial OS=Mus musculus OX=10090 GN=Mrps34 PE=1 SV=1	2926,669	3087,825	3839,592	2810,206	2682,167	3064,495	2356,417	2479,643
Q9D706	44	11	292,1101	0,116028	1,412602	RNA polymerase II-associated protein 3 OS=Mus musculus OX=10090 GN=Rpap3 PE=1 SV=1	2171,28	1497,249	1834,981	3406,083	2606,894	1697,443	2764,41	2570,368
Q9Z0X1;B1AU25	33	5	204,0613	0,116238	1,275087	Apoptosis-inducing factor 1, mitochondrial OS=Mus musculus OX=10090 GN=Aifm1 PE=1 SV=1	2221,983	2341,538	1961,253	2966,041	1938,798	1863,587	1779,659	1861,223
P11983;A0A3B2WDE2;FZZ 483	80	36	541,2471	0,116754	1,203263	T-complex protein 1 subunit alpha OS=Mus musculus OX=10090 GN=Tcp1 PE=1 SV=3	37379,52	42058,67	40998,73	43203,46	52094,53	45502,93	40517,84	34734,83
O35134	15	2	70,7397	0,116767	1,628017	DNA-directed RNA polymerase I subunit RPA1 OS=Mus musculus OX=10090 GN=Polr1a PE=1 SV=2	57,78563	133,6881	59,09812	103,6335	49,71665	53,96894	63,64722	50,23569
Q9D8Y0;Q8C845	5	2	37,4603	0,116799	5,90237	EF-hand domain-containing protein D2 OS=Mus musculus OX=10090 GN=Efh2 PE=1 SV=1	180,4046	431,6172	2344,584	162,3633	179,9125	177,281	154,6362	147,6028
Q3U1V8;A0A1Y7VKX4	6	1	29,371	0,11695	18,83943	Mitogen-activated protein kinase kinase 9 OS=Mus musculus OX=10090 GN=Map3k9 PE=2 SV=2	8,328829	1301,917	80,29132	27,49488	0	67,23118	0	8,038153
Q80TZ9	2	1	8,4858	0,117105	6,675259	Arginine-glutamic acid dipeptide repeats protein OS=Mus musculus OX=10090 GN=Rere PE=1 SV=3	173,762	19,70629	145,8579	2,590807	706,6916	40,72367	812,8799	722,0895
Q8BVY0;A0A2R8VHW2	32	7	218,7155	0,117156	1,238671	Ribosomal L1 domain-containing protein 1 OS=Mus musculus OX=10090 GN=Rsl1d1 PE=1 SV=1	9744,406	8827,09	7662,883	9428,531	8338,633	8221,423	6440,298	5790,917
Q80SU7;H3BL64;L7N451	15	3	81,9021	0,117201	1,512807	Interferon-induced very large GTPase 1 OS=Mus musculus OX=10090 GN=Gvin1 PE=1 SV=1	553,2192	877,5583	902,4671	465,2366	416,2561	576,9667	595,8495	620,9379
P29699;A0A338P692;A0A 338P703;A0A338P7G1	7	1	54,548	0,117221	1,58702	Alpha-2-HS-glycoprotein OS=Mus musculus OX=10090 GN=Ahsg PE=1 SV=1	102,5324	171,9739	180,1527	196,0429	224,379	157,341	208,0753	261,8628
P17751;H7BXC3	55	30	281,9354	0,117286	1,234665	Triosephosphate isomerase OS=Mus musculus OX=10090 GN=Tpi1 PE=1 SV=5	50295,08	34756,59	49890,7	56521,41	67430,01	58189,29	57914,19	52860,21
K9J7E8;F6QVC4	1	1	4,6189	0,117403	1,425699	Tandem duplication of RIKEN cDNA 1700049E17 gene, gene 2 OS=Mus musculus OX=10090 GN=1700049E17Rik2 PE=4 SV=1	432,4986	480,9528	345,9749	445,4	727,299	593,0662	519,5945	590,6091
P58252	152	66	958,2617	0,117506	1,226148	Elongation factor 2 OS=Mus musculus OX=10090 GN=Eef2 PE=1 SV=2	28147,82	28426,72	29923,43	38511,14	40902,1	30704,16	43164,23	38509,16
P62960;A2BGG7	24	9	141,5576	0,117523	1,82896	Y-box-binding protein 1 OS=Mus musculus OX=10090 GN=Ybx1 PE=1 SV=3	13615,53	7228,894	3458,728	16191,35	17838,57	7202,112	12854,08	12405,84
Q3U0X6	4	1	22,5738	0,117593	1,324743	Zinc finger protein 217 OS=Mus musculus OX=10090 GN=Zfp217 PE=1 SV=1	1532,759	1387,446	905,9295	1219,538	1391,914	1606,289	1287,118	1742,929
Q31125	7	2	45,0191	0,117794	11,70916	Zinc transporter SLC39A7 OS=Mus musculus OX=10090 GN=Slc39a7 PE=1 SV=2	1486,685	936,4016	137,7413	42,1162	51,4184	241,6077	125,6232	147,8913

A0A571BGG5	2	1	9,0562	0,118084	1,473367	Dystonin (Fragment) OS=Mus musculus OX=10090 GN=Dst PE=1 SV=1	729,7863	588,3377	824,6587	1058,558	477,1323	913,3415	552,5077	537,2554
P70365	3	1	12,7926	0,118116	1,244711	Nuclear receptor coactivator 1 OS=Mus musculus OX=10090 GN=Ncoa1 PE=1 SV=2	3065,669	3253,214	3405,195	2777,129	2087,994	2271,274	2359,819	3634,8
Q7SIG6;D3YX85;E9PX52	10	1	49,7122	0,118178	1,241676	Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2 OS=Mus musculus OX=10090 GN=Asap2 PE=1 SV=3	1601,889	1582,116	1502,363	1606,539	1300,839	1434,715	1458,787	873,7349
Q8JZM7	14	3	89,0647	0,11822	1,333131	Parafibromin OS=Mus musculus OX=10090 GN=Cdc73 PE=1 SV=1	1365,32	1356,437	1103,903	1404,349	727,0672	1411,889	1010,429	1254,931
Q99LI7	9	2	53,8839	0,119299	1,101924	Cleavage stimulation factor subunit 3 OS=Mus musculus OX=10090 GN=Cstf3 PE=1 SV=1	7162,384	7135,094	6631,948	7508,634	5844,597	6744,697	6848,223	7200,411
P47963	40	20	178,5733	0,119376	1,178713	60S ribosomal protein L13 OS=Mus musculus OX=10090 GN=Rpl13 PE=1 SV=3	25406,2	26225,21	24914,33	23795,02	35090,14	29468,07	27389,55	26325,17
Q9QYI4;D6RHR9;Q8C4C9	9	1	44,3786	0,120099	2,237495	DnaJ homolog subfamily B member 12 OS=Mus musculus OX=10090 GN=Dnajb12 PE=1 SV=2	1228,384	463,0396	162,9408	1432,196	2189,402	567,1228	1629,95	1744,414
Q9ERU9	193	35	1222,156	0,120238	1,2381	E3 SUMO-protein ligase RanBP2 OS=Mus musculus OX=10090 GN=Ranbp2 PE=1 SV=2	17942,23	16844,66	14452,3	16217,03	16314,72	17472,28	13580,68	12186,27
Q9CPT5;D3Z7M5	17	5	109,6187	0,121374	2,261535	Nucleolar protein 16 OS=Mus musculus OX=10090 GN=Nop16 PE=1 SV=1	655,0206	2123,145	3069,721	1098,489	1027,23	601,8097	955,2008	620,2974
Q9JI57;A0A0J9YTX7;A0A0J 9YUI9;A0A0J9YUX8;Q6PD3 5;Q80ZG9	25	6	126,6752	0,121391	1,115761	General transcription factor II-I repeat domain- containing protein 1 OS=Mus musculus OX=10090 GN=Gtf2ird1 PE=2 SV=2	4405,707	4064,797	4449,273	4510,597	4397,361	4068,914	4235,444	3876,029
P68254	41	5	243,1182	0,1216	1,538076	14-3-3 protein theta OS=Mus musculus OX=10090 GN=Ywhaq PE=1 SV=1	16201,72	14471,84	15744,12	27687,78	39094,94	15498,15	30719,99	28666,78
Q8R1V4;Q5SVW9	11	2	87,6631	0,121825	1,121881	Transmembrane emp24 domain-containing protein 4 OS=Mus musculus OX=10090 GN=Tmed4 PE=1 SV=1	2318,868	2568,488	2069,451	2209,044	2150,67	2203,879	1996,487	2002,654
Q0KK56	6	1	34,454	0,122261	2,24271	Protein FAM184B OS=Mus musculus OX=10090 GN=Fam184b PE=2 SV=1	76,57413	81,10216	53,90209	14,80067	30,40494	64,87923	43,08017	50,82194
Q64674	28	10	187,5664	0,122461	1,130893	Spermidine synthase OS=Mus musculus OX=10090 GN=Srm PE=1 SV=1	19881,04	18409,9	20693,77	24043,43	25789,72	23114,05	22720,94	22271,25
P61089;A0A087WPV1;A0 A1W2P7Z3;Q9CQ37	19	7	104,0307	0,122643	1,195585	Ubiquitin-conjugating enzyme E2 N OS=Mus musculus OX=10090 GN=Ube2n PE=1 SV=1	6222,402	6663,998	7321,75	7253,58	9814,981	8165,381	7993,026	6528,324
Q9JMD0;B1AQG7;Q8CCB2	3	1	17,3406	0,122848	1,365932	BUB3-interacting and GLEBS motif-containing protein ZNF207 OS=Mus musculus OX=10090 GN=Znf207 PE=1 SV=1	1580,637	3594,829	2973,558	2219,93	3615,864	3017,132	3549,265	3516,932
Q920A7	14	1	66,8264	0,123456	1,547678	AFG3-like protein 1 OS=Mus musculus OX=10090 GN=Afg3l1 PE=1 SV=2	15240,39	7563,972	7321,901	19018,55	21085,95	20208,85	19506,71	15258,83
Q8R550;B0R0Y8;E9Q0C1	17	1	108,8912	0,1241	1,599034	SH3 domain-containing kinase-binding protein 1 OS=Mus musculus OX=10090 GN=Sh3kbp1 PE=1 SV=1	1201,34	1296,463	829,1395	1087,504	800,1523	1271,818	1175,816	546,0495

P40142;A0A286YE28	57	17	323,1183	0,12413	1,164184	Transketolase OS=Mus musculus OX=10090 GN=Tkt PE=1 SV=1	24446,67	23960,07	23366,36	29356,19	26620,9	30694,22	29734,15	24882,38
Q9CVB6;D3YXG6	22	2	145,5838	0,124337	2,366394	Actin-related protein 2/3 complex subunit 2 OS=Mus musculus OX=10090 GN=Arpc2 PE=1 SV=3	164,6349	54,95912	113,2755	163,2011	209,0183	615,9875	152,8342	196,0585
P35550;A0A140LIR6	44	14	241,9823	0,12443	1,168997	rRNA 2'-O-methyltransferase fibrillar OS=Mus musculus OX=10090 GN=Fbl PE=1 SV=2	27798,76	25247,49	21886,56	25624,25	22698,21	25440,37	18212,62	19668,79
P62717;A0A1D5RLW5;A0A1D5RM79;A0A1D5RM85;A0A1D5RMC7;A0A1D5RME4	27	14	177,0022	0,124495	1,072836	60S ribosomal protein L18a OS=Mus musculus OX=10090 GN=Rpl18a PE=1 SV=1	6988,412	6841,07	7166,933	7215,507	8299,21	7504,309	7226,366	7236,891
Q9JLI0;Q8VC28	4	1	25,0333	0,124597	2,003805	Aldo-keto reductase a OS=Mus musculus OX=10090 GN=Akr1c12 PE=1 SV=1	557,5876	673,4811	619,1904	323,815	87,40378	457,5928	221,4038	318,5725
A0A5F8MPH5;A0A5F8MPX2	35	2	191,851	0,124679	1,959783	Synaptotagmin-like protein 2 OS=Mus musculus OX=10090 GN=Syt12 PE=1 SV=1	519,2817	66,96432	37,09989	991,0808	1172,343	619,1532	628,3569	518,9181
E9PUR0;E9Q1M6	20	1	117,5944	0,125456	1,504652	Ankyrin repeat and KH domain-containing 1 OS=Mus musculus OX=10090 GN=Ankhd1 PE=1 SV=1	2135,229	2461,607	2801,758	1666,678	1547,398	2187,401	1733,582	1674,435
Q921M4;A0A618MWY5;A0A618MX07;A2AN46;E9PUQ5;Z4YJU8	53	8	280,7682	0,125533	1,575614	Golgin subfamily A member 2 OS=Mus musculus OX=10090 GN=Golga2 PE=1 SV=3	2880,498	2969,439	1516,115	3073,504	5575,214	2537,105	3919,765	4416,629
Q99NB9;A0A087WNS2;G5E866	93	24	698,8669	0,12601	1,368086	Splicing factor 3B subunit 1 OS=Mus musculus OX=10090 GN=Sf3b1 PE=1 SV=1	8905,697	5787,181	6701,955	12011,76	12894,9	8956,356	10992,63	10153,88
Q8BVI4;A0A0G2JGJ1;A0A0G2JGY0;D3YWR7;D3Z1A1	11	2	76,3517	0,126055	2,242639	Dihydropteridine reductase OS=Mus musculus OX=10090 GN=Qdpr PE=1 SV=2	1287,884	1302,371	223,6527	1591,384	1461,696	2452,09	1850,387	2508,162
Q5PR68;A2ABQ5;I7HLS4;J3JS86;S4R1I4	19	2	86,7065	0,126152	1,530556	Centrosomal protein of 112 kDa OS=Mus musculus OX=10090 GN=Cep112 PE=2 SV=2	1314,448	908,6136	1267,315	1310,132	645,1331	1191,478	932,6124	496,1817
O70252;D3YX62	17	1	105,3707	0,126387	1,167124	Heme oxygenase 2 OS=Mus musculus OX=10090 GN=Hmox2 PE=1 SV=1	2683,108	2386,331	2316,011	2627,132	2083,093	2543,616	2259,557	2022,227
Q9ESU7	21	1	159,1405	0,126643	1,762483	Amino acid transporter OS=Mus musculus OX=10090 GN=Slc1a5 PE=1 SV=1	1353,445	2449,838	860,4643	993,9919	1091,046	696,4509	552,0147	870,5854
Q91VD9;A0A087WP77;A0A087WQ77;A0A087WQRO	61	23	392,2477	0,126839	1,159956	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial OS=Mus musculus OX=10090 GN=Ndufs1 PE=1 SV=2	18658,67	16867,26	15928,04	20461,92	16922,29	15598,5	14662,06	14815,94
Q6P5D4	10	1	44,8021	0,127156	2,893824	Centrosomal protein of 135 kDa OS=Mus musculus OX=10090 GN=Cep135 PE=1 SV=1	1448,936	10666,34	6193,805	6962,928	3243,606	3108,337	3011,127	1757,513
Q6A068	52	6	381,5928	0,127719	1,101018	Cell division cycle 5-like protein OS=Mus musculus OX=10090 GN=Cdc5l PE=1 SV=2	4545,682	4729,265	4418,039	4919,07	4455,993	4612,368	4088,829	4035,945
Q7TPV4	109	52	739,1313	0,127776	1,165654	Myb-binding protein 1A OS=Mus musculus OX=10090 GN=Mybbp1a PE=1 SV=2	38322,71	28012,8	33196,45	36838,2	33912,17	34994,58	30980,13	33396,01
Q6ZWV3;A0A1B0GXC3;I7HLV2;P86048	33	16	148,0068	0,127796	1,410809	60S ribosomal protein L10 OS=Mus musculus OX=10090 GN=Rpl10 PE=1 SV=3	25577,37	16761,02	24129,61	36871,49	37419,69	22694,92	34654,52	35791,04

Q8BHW4	2	1	14,034	0,127986	1,543521	RIKEN cDNA 4933430117 gene OS=Mus musculus OX=10090 GN=4933430117Rik PE=2 SV=1	1382,234	1091,672	962,6187	1538,269	2441,285	2276,326	1477,701	1483,387
B1ASB6	5	1	24,2784	0,128279	1,319575	SPOC domain-containing protein 1 OS=Mus musculus OX=10090 GN=Spocd1 PE=1 SV=3	688,2181	612,682	370,3649	522,9005	422,3925	480,173	626,6686	668,4416
P55012	30	2	156,4967	0,128401	1,185794	Solute carrier family 12 member 2 OS=Mus musculus OX=10090 GN=Slc12a2 PE=1 SV=2	3708,005	3167,481	2790,988	3286,925	3574,17	2738,085	2594,12	2547,865
Q924K8;E9Q794;Q3U3A7;Q3UII8	12	2	66,7212	0,129292	1,143384	Metastasis-associated protein MTA3 OS=Mus musculus OX=10090 GN=Mta3 PE=1 SV=1	767,5077	689,5245	770,3322	639,1575	595,2629	650,7728	562,7236	698,2917
Q8QZT1	44	16	280,3943	0,129395	1,199181	Acetyl-CoA acetyltransferase, mitochondrial OS=Mus musculus OX=10090 GN=Acat1 PE=1 SV=1	34052,93	30063,27	31347,06	34054,82	31179	31211,24	25521,65	22387,72
Q9D0D4;A0A286YCE5	13	2	72,0421	0,129723	1,13494	Probable dimethyladenosine transferase OS=Mus musculus OX=10090 GN=Dimt1 PE=2 SV=1	5696,842	5210,624	5546,051	6329,755	7264,944	6114,999	6106,703	5657,384
A0A0G2JFV8	4	1	28,3645	0,130128	1,740989	Polypyrimidine tract-binding protein 2 (Fragment) OS=Mus musculus OX=10090 GN=Ptbp2 PE=1 SV=1	2922,077	1759,15	1431,354	3255,17	1115,61	1078,941	2393,062	2730,078
Q9DBJ1	49	17	310,0348	0,130728	1,219226	Phosphoglycerate mutase 1 OS=Mus musculus OX=10090 GN=Pgam1 PE=1 SV=3	32642,33	28967,15	35652,52	38858,65	51852,67	34787,55	41036,56	38285,05
A0A1W2P7X0;E9QMV2;Q4KML4	5	3	45,6958	0,131049	1,701644	ABRA C-terminal-like protein (Fragment) OS=Mus musculus OX=10090 GN=Abrac1 PE=1 SV=1	1445,749	1630,765	1467,846	1682,707	1625,606	3938,737	1630,326	1440,344
P13020;A0A0J9YUJ8;A0A0J9YUQ8;A6PWS5	47	15	317,9799	0,131578	1,114608	Gelsolin OS=Mus musculus OX=10090 GN=Gsn PE=1 SV=3	19648,07	21344,76	22252,2	22022,61	27255,8	23881,83	23154,93	20714,17
P26231;A0A494BAD0;A0A494BAM5	15	3	67,075	0,13176	1,603997	Catenin alpha-1 OS=Mus musculus OX=10090 GN=Ctnna1 PE=1 SV=1	20642,24	11747,28	7824,431	24689,84	29778,88	15001,12	22173,84	20778,01
Q3U319;A0A0U1RPJ4;A0A0X1KG60	4	1	17,1101	0,132148	1,399261	E3 ubiquitin-protein ligase BRE1B OS=Mus musculus OX=10090 GN=Rnf40 PE=1 SV=2	616,6964	779,7953	1059,913	596,1553	591,607	814,7432	842,4481	871,7169
A0A1B0GR85	19	5	91,3914	0,13233	1,4426	RIKEN cDNA 2900026A02 gene OS=Mus musculus OX=10090 GN=2900026A02Rik PE=1 SV=1	9164,82	5513,789	4746,405	9583,228	13238,86	10447,14	10396,28	7765,016
Q8CBY8	13	1	73,6057	0,132537	1,502886	Dynactin subunit 4 OS=Mus musculus OX=10090 GN=Dctn4 PE=1 SV=1	1399,276	2012,122	893,9588	1500,297	2081,396	1981,512	1750,902	1935,851
Q99P72	70	21	451,2717	0,132576	1,157195	Reticulon-4 OS=Mus musculus OX=10090 GN=Rtn4 PE=1 SV=2	9544,178	6807,814	7457,67	7751,707	8002,304	8498,109	9140,946	7970,997
F6QA74;D3Z124;D3Z6R9;P28352	14	2	106,4723	0,13283	1,523978	DNA-(apurinic or apyrimidinic site) endonuclease (Fragment) OS=Mus musculus OX=10090 GN=Apex1 PE=1 SV=1	1343,873	829,355	1608,975	1635,748	1568,393	2590,552	1592,71	1323,684
Q91WD7	11	1	59,9449	0,133325	1,529017	Kinesin-like protein KIF18A OS=Mus musculus OX=10090 GN=Kif18a PE=2 SV=1	3383,557	2948,616	1652,107	3634,037	5438,484	3806,728	4678,448	3840,949

P50518;A0A0N4SW07;A0A0N4SW34	19	4	127,5322	0,133449	1,217052	V-type proton ATPase subunit E 1 OS=Mus musculus OX=10090 GN=Atp6v1e1 PE=1 SV=2 Gamma-tubulin complex component 3	492,74	529,3438	426,5469	567,8164	617,3262	581,7398	543,6197	485,3013
P58854	5	1	27,5269	0,133647	1,358793	OS=Mus musculus OX=10090 GN=Tubgcp3 PE=1 SV=2	3287,958	3400,531	5972,842	3420,271	4028,657	4161,645	3376,285	3312,158
Q04736	12	1	59,8208	0,13405	1,970563	Tyrosine-protein kinase Yes OS=Mus musculus OX=10090 GN=Yes1 PE=1 SV=3 Probable ubiquitin carboxyl-terminal hydrolase	7572,462	13399,25	12129,19	15245,64	11503,52	9098,579	2658,745	3533,266
P70398;E9PWA9;G3UZS3;Q4FE56	73	10	442,1446	0,134493	1,159675	FAF-X OS=Mus musculus OX=10090 GN=Usp9x PE=1 SV=2	7081,214	7598,533	6926,248	6658,137	8719,579	8365,335	7079,841	6490,741
Q9D554	32	4	200,1989	0,134503	1,204977	Splicing factor 3A subunit 3 OS=Mus musculus OX=10090 GN=Sf3a3 PE=1 SV=2	1272,927	1772,873	1546,644	1842,933	1334,171	1620,305	1065,28	1327,636
A0A140LIV1	20	1	121,7626	0,134763	6,973255	Sperm flagellar protein 2 OS=Mus musculus OX=10090 GN=Spef2 PE=1 SV=1	27,49669	0	0	56,80991	11,29541	0	216,193	174,2556
Q99L04	15	2	90,9994	0,134925	1,52253	Dehydrogenase/reductase SDR family member 1 OS=Mus musculus OX=10090 GN=Dhrs1 PE=1 SV=1	490,4794	424,4454	597,5046	320,7338	168,6994	339,3043	320,7978	375,2226
Q9JK92	5	2	21,8449	0,134964	1,51905	Heat shock protein beta-8 OS=Mus musculus OX=10090 GN=Hspb8 PE=1 SV=1	163,9857	231,2659	226,019	147,4276	155,2151	264,0344	196,4828	272,416
Q05186	15	4	87,4554	0,135216	1,813941	Reticulocalbin-1 OS=Mus musculus OX=10090 GN=Rcn1 PE=1 SV=1	1424,574	1576,102	4176,79	1815,094	1042,044	1697,692	1106,436	1111,299
Q6PFD9;A0A140T8J8;A0A1B0GRA7;A0A1B0GRB5;A0A1B0GSX7;B2RQL0	45	4	265,0363	0,135387	1,120368	Nuclear pore complex protein Nup98-Nup96 OS=Mus musculus OX=10090 GN=Nup98 PE=1 SV=2	2078,001	2276,885	2044,772	2258,249	2707,403	2411,719	2308,088	2091,468
Q9QYR6;A2ARP8	112	23	683,6256	0,135539	1,126182	Microtubule-associated protein 1A OS=Mus musculus OX=10090 GN=Map1a PE=1 SV=2 Xin actin-binding repeat-containing protein 2	14010,73	15427,57	15495,56	14405,2	16298,44	15809,4	13329,88	13572,42
A0A5F8MPR4	31	4	179,8598	0,135928	1,106125	OS=Mus musculus OX=10090 GN=Xirp2 PE=1 SV=1	2812,207	2524,577	3092,627	3048,706	2437,502	2792,688	2466,421	2680,264
Q9R0Q1	11	1	69,1184	0,13593	2,412828	Synaptotagmin-like protein 4 OS=Mus musculus OX=10090 GN=Syt14 PE=1 SV=1	289,5854	44,58876	20,48797	546,2022	403,7769	1087,647	376,263	305,9437
P47791	22	4	131,4906	0,136221	1,109356	Glutathione reductase, mitochondrial OS=Mus musculus OX=10090 GN=Gsr PE=1 SV=3	3875,658	3573,501	3985,124	4504,804	4343,901	4742,701	4235,062	4287,537
Q60605;A0A1W2P6F6;A0A1W2P6G5;A0A1W2P7Q9	21	8	157,7511	0,136833	1,230482	Myosin light polypeptide 6 OS=Mus musculus OX=10090 GN=Myl6 PE=1 SV=3	28333,29	19959,16	23124,62	32086,24	34254,18	31321,66	29668,13	32114,93
P21661	6	2	43,6745	0,137286	1,195943	Neuroendocrine convertase 2 OS=Mus musculus OX=10090 GN=Pcsk2 PE=1 SV=1	1804,148	1669,445	2057,339	1537,121	1581,092	1613,984	1420,097	1655,51
Q9D6J4	5	2	31,6371	0,137634	1,170242	N-terminal EF-hand calcium-binding protein 3 OS=Mus musculus OX=10090 GN=Necab3 PE=2 SV=2	1370,139	1412,103	1341,515	1506,825	1025,046	1303,741	1211,13	1271,552

Q9CQW1	9	3	39,5026	0,137945	1,555019	Synaptobrevin homolog YKT6 OS=Mus musculus OX=10090 GN=Ykt6 PE=1 SV=1	240,9382	215,755	333,7512	288,3046	418,8801	405,0318	480,6153	372,9481
Q8CGB3;A0A0R4J0S7;A0A1L1SVG0	23	3	110,1267	0,138051	1,225124	Uveal autoantigen with coiled-coil domains and ankyrin repeats OS=Mus musculus OX=10090 GN=Uaca PE=1 SV=2	1669,159	1286,319	1535,344	1322,836	1579,899	1595,234	1620,013	1714,496
Q8C0J2;D3YZW7	4	1	18,3994	0,138262	1,172066	Autophagy-related protein 16-1 OS=Mus musculus OX=10090 GN=Atg16l1 PE=1 SV=1	602,9624	600,614	728,9451	716,6665	606,2452	582,1446	554,825	554,6251
Q61324;A0A140LHH4;A0A140LHY4	7	1	38,4737	0,138279	1,972904	Aryl hydrocarbon receptor nuclear translocator 2 OS=Mus musculus OX=10090 GN=Arnt2 PE=1 SV=2	388,6787	47,96643	291,617	302,6306	477,4261	251,521	539,5465	540,9322
O09106	25	3	190,6341	0,138582	1,124163	Histone deacetylase 1 OS=Mus musculus OX=10090 GN=Hdac1 PE=1 SV=1	4863,23	4662,836	5440,272	5093,981	6021,446	5472,99	6158,752	4897,881
G3UW86;G3UWQ7;G3UXT4;G3UY19;G3XA79;Q99K43	21	5	99,0592	0,138669	1,203655	Protein regulator of cytokinesis 1 OS=Mus musculus OX=10090 GN=Prc1 PE=1 SV=1	5355,477	4555,692	3906,019	5501,079	3791,035	4398,827	4039,263	3820,543
Q9Z0W3	24	3	135,6555	0,139487	1,539425	Nuclear pore complex protein Nup160 OS=Mus musculus OX=10090 GN=Nup160 PE=1 SV=2	428,4342	348,3948	273,1523	351,7877	211,7453	107,8826	320,0679	270,8841
Q8BFQ4	6	1	44,5249	0,139547	1,653698	WD repeat-containing protein 82 OS=Mus musculus OX=10090 GN=Wdr82 PE=1 SV=1	660,4351	854,7126	1257,11	562,6079	567,1224	498,81	603,8125	771,883
Q569L8	17	1	89,4922	0,140038	1,678776	Centromere protein J OS=Mus musculus OX=10090 GN=Cenpj PE=2 SV=2	2277,699	823,8809	487,1966	3080,947	3816,213	1814,242	3013,583	2552,931
Q91YM4;E9PUT1	22	5	147,3275	0,140055	1,11742	FAST kinase domain-containing protein 4 OS=Mus musculus OX=10090 GN=Tbrg4 PE=1 SV=1	3118,217	2982,198	2907,633	3275,548	3594,929	3107,099	2912,716	2671,505
Q9JI39	23	5	132,2997	0,140071	1,119955	ATP-binding cassette sub-family B member 10, mitochondrial OS=Mus musculus OX=10090 GN=Abcb10 PE=1 SV=1	3413,478	3488,775	3528,948	3649,729	3565,137	3543,909	2949,551	2816,755
Q99KK9;G5E823	15	1	75,2493	0,140464	1,972648	Histidine--tRNA ligase, mitochondrial OS=Mus musculus OX=10090 GN=Hars2 PE=1 SV=1	1676,468	3647,37	3585,377	3412,736	2875,65	2669,437	2342,696	896,158
Q8BWS5	3	1	9,0502	0,141251	1,272661	G protein-regulated inducer of neurite outgrowth 3 OS=Mus musculus OX=10090 GN=Gprin3 PE=1 SV=1	939,3988	648,6001	812,9258	894,5727	515,4877	619,9405	684,6599	769,3654
E5FYH1	3	2	13,8882	0,142169	1,505544	Protein TOPAZ1 OS=Mus musculus OX=10090 GN=Topaz1 PE=2 SV=1	670,5547	833,6214	552,6265	825,9594	701,7749	1022,485	1073,715	526,451
P50396;B7FAU8;D6RI86	44	7	347,379	0,142671	1,156816	Rab GDP dissociation inhibitor alpha OS=Mus musculus OX=10090 GN=Gdi1 PE=1 SV=3	7271,832	7730,029	8187,658	8622,04	9627,448	7528,968	8607,575	7466,283
Q3V300;A0A0U1RPH8	28	6	151,7931	0,142752	1,158593	Kinesin-like protein KIF22 OS=Mus musculus OX=10090 GN=Kif22 PE=2 SV=2	6378,298	5815,941	6139,915	6651,492	8354,087	7731,305	6545,146	6317,663
Q61205;D3Z2X5;D3Z7E6	14	6	61,7969	0,142898	1,271354	Platelet-activating factor acetylhydrolase IB subunit alpha1 OS=Mus musculus OX=10090 GN=Pafah1b3 PE=1 SV=1	7359,678	8320,437	10119,53	8077,325	7349,933	9215,796	5693,197	5810,807



Q99KE1	27	5	188,9245	0,143007	1,357211	NAD-dependent malic enzyme, mitochondrial OS=Mus musculus OX=10090 GN=Me2 PE=1 SV=1	2766,708	2297,267	4096,507	3473,785	2898,206	2587,021	2103,929	2737,881
Q8VIJ6	67	29	439,1827	0,143446	1,392534	Splicing factor, proline- and glutamine-rich OS=Mus musculus OX=10090 GN=Sfpq PE=1 SV=1	43748,67	22712,78	29549,99	49859,12	49563,97	31765,71	39099,52	39717,05
Q08288;D3Z345;D3Z5X8;D3Z7N3	23	8	188,6272	0,144449	1,283096	Cell growth-regulating nucleolar protein OS=Mus musculus OX=10090 GN=Lyar PE=1 SV=2	3869,609	2307,04	2330,413	3559,59	4468,027	3785,683	3383,33	3063,473
P24369	40	18	210,9862	0,144598	1,153842	Peptidyl-prolyl cis-trans isomerase B OS=Mus musculus OX=10090 GN=Ppib PE=1 SV=2	19301,62	20093,59	18855,05	21245,61	20464,03	18660,04	16292,52	15309,7
Q9DAR7;D6RFQ0	24	2	176,404	0,144765	1,182471	m7GpppX diphosphatase OS=Mus musculus OX=10090 GN=Dcps PE=1 SV=1	5306,191	6605,779	6495,377	6456,118	7985,601	6695,003	5757,894	6292,79
P48962	101	28	448,7639	0,145059	1,213757	ADP/ATP translocase 1 OS=Mus musculus OX=10090 GN=Slc25a4 PE=1 SV=4	106240,2	70624,81	97196,86	103100,4	79494,11	84859,75	83734,64	80249,37
J3QNT6	10	1	71,081	0,145768	5,086611	Eukaryotic translation initiation factor 4C OS=Mus musculus OX=10090 GN=Eif1ad15 PE=3 SV=1	6,576622	32,69725	59,79881	55,43427	28,73268	335,3155	282,9656	138,903
Q4QY64;Z4YKQ9	21	3	108,4863	0,145973	1,286665	ATPase family AAA domain-containing protein 5 OS=Mus musculus OX=10090 GN=Atad5 PE=1 SV=1	4001,132	3188,619	3235,177	4299,424	4197,563	4857,316	3403,597	3696,126
Q6P1F6;A0A494B8Z0;A0A494B941;G3UXS9;Q9CWU3	23	3	141,3144	0,146133	1,611111	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform OS=Mus musculus OX=10090 GN=Ppp2r2a PE=1 SV=1	2897,577	7751,715	3556,786	3144,859	2351,716	3091,76	2982,13	2825,544
Q6P9L6	19	3	100,152	0,146471	1,431364	Kinesin-like protein KIF15 OS=Mus musculus OX=10090 GN=Kif15 PE=1 SV=1	220,5813	245,986	272,4781	137,6805	176,062	165,3008	246,286	207,6457
D3Z7A6	1	1	4,1067	0,147021	4,581717	Ephrin-A1 OS=Mus musculus OX=10090 GN=Efna1 PE=1 SV=1	332,5337	22,34165	59,78512	247,9512	0	41,38289	77,04033	179,4948
P10637;A0A0A0MQC7;A2A5Y6;B1AQW2	35	10	253,6959	0,147351	1,199045	Microtubule-associated protein tau OS=Mus musculus OX=10090 GN=Mapt PE=1 SV=3	5728,05	5830,248	6292,617	7143,764	8007,688	8572,588	6367,832	6159,877
A0A668KLF4	21	1	107,6841	0,147945	1,603764	Testis-specific gene 10 protein OS=Mus musculus OX=10090 GN=Tsga10 PE=1 SV=1	529,5353	1002,398	436,4417	357,514	429,0502	293,9254	395,1394	332,1537
Q3UYG1	3	2	17,9633	0,148082	1,260317	Coiled-coil domain-containing protein 160 OS=Mus musculus OX=10090 GN=Ccdc160 PE=2 SV=1	1582,978	1596,435	1650,767	1693,142	2426,606	2465,031	1690,711	1639,107
Q91WC1	4	2	21,5143	0,148486	18,90526	Protection of telomeres protein 1 OS=Mus musculus OX=10090 GN=Pot1 PE=1 SV=1	46,62617	3001,603	1087,445	61,27327	62,12739	70,74336	100,519	76,73904
P23591;A0A2R8VHD0;A0A2R8VI39;A0A2R8VKL9;A0A2R8W6P6	10	2	59,4922	0,148764	1,456416	GDP-L-fucose synthase OS=Mus musculus OX=10090 GN=Gfus PE=1 SV=3	405,2563	489,5902	413,8424	335,2889	278,8429	288,8996	549,0421	424,7655
Q9Z0H1;A0A3Q4EBZ6	28	5	197,5878	0,149379	1,304061	WD repeat-containing protein 46 OS=Mus musculus OX=10090 GN=Wdr46 PE=2 SV=1	2496,719	1920,481	1661,989	1783,094	1846,251	1419,1	1530,968	1620,851

P41105	11	6	51,7146	0,149619	2,461124	60S ribosomal protein L28 OS=Mus musculus OX=10090 GN=Rpl28 PE=1 SV=2	211,2249	971,1498	1098,885	378,4263	245,3687	363,2364	363,0873	327,5505
O08644	11	3	50,7153	0,150059	1,418615	Ephrin type-B receptor 6 OS=Mus musculus OX=10090 GN=Ephb6 PE=2 SV=4	1160,186	1358,555	747,0234	1344,307	2484,465	1497,734	1362,872	1194,849
A6Z146;Q9CPQ9	61	2	325,7221	0,150224	1,187559	Fructose-bisphosphate aldolase OS=Mus musculus OX=10090 GN=Aldoat1 PE=1 SV=1	26984,48	21966,86	22155,04	27901,89	33681,94	23589,57	29576,65	27272,23
Q8C2Q3;J3QN51;J3QPT3	33	3	190,9286	0,150519	2,075483	RNA-binding protein 14 OS=Mus musculus OX=10090 GN=Rbm14 PE=1 SV=1	4010,156	10941,07	13299,01	4235,411	5610,436	5998,716	3896,874	3468,524
Q99KG3	5	1	20,7409	0,151023	2,049477	RNA-binding protein 10 OS=Mus musculus OX=10090 GN=Rbm10 PE=1 SV=1	3382,094	299,3958	2493,516	5266,219	8611,251	4554,176	5656,921	4626,175
P97770;D3YYB2	15	2	70,888	0,151074	1,551564	THUMP domain-containing protein 3 OS=Mus musculus OX=10090 GN=Thumpd3 PE=1 SV=1	84,73025	69,63473	60,41815	51,08903	119,2081	149,8167	70,50128	72,99148
A0A0R4J1E3	29	2	212,9174	0,151132	1,41522	Drebrin OS=Mus musculus OX=10090 GN=Dbn1 PE=1 SV=1	1240,521	730,8746	699,9178	1302,189	1451,618	886,5621	995,5554	972,678
Q9QXS6;F7CPL2	31	4	226,7392	0,151132	1,41522	Drebrin OS=Mus musculus OX=10090 GN=Dbn1 PE=1 SV=4	16652,96	9811,382	9395,813	17480,81	19486,76	11901,36	13364,5	13057,39
P12849;D3YTM5;D3Z068; D3Z0V6	17	2	111,0769	0,151174	1,163547	cAMP-dependent protein kinase type I-beta regulatory subunit OS=Mus musculus OX=10090 GN=Prkar1b PE=1 SV=2	3084,04	3108,729	3156,831	2949,505	3162,153	3021,09	2737,257	2196,468
Q8CH18	23	4	122,6974	0,151233	1,095691	Cell division cycle and apoptosis regulator protein 1 OS=Mus musculus OX=10090 GN=Ccar1 PE=1 SV=1	1489,033	1402,644	1593,055	1420,262	1570,904	1545,741	1448,304	1388,588
Q9WV92;A0A286YCY1;A0 A286YCY8;A0A286YD84;A 0A286YDD0;A0A3B2WBE1 ;A0A3B2WD96;A0A5F8MP R1;A7YY80;D0VYV6	66	1	439,2932	0,151376	1,567399	Band 4.1-like protein 3 OS=Mus musculus OX=10090 GN=Epb41I3 PE=1 SV=1	241,6	113,089	155,1441	407,1164	270,6759	289,3493	390,8637	350,8619
A7M7S6	4	1	18,7384	0,151731	1,625253	Hemoglobin X, alpha-like embryonic chain in Hba complex (Fragment) OS=Mus musculus OX=10090 GN=Hba-x PE=1 SV=1	426,4688	379,7451	1068,598	462,2508	551,28	512,7659	711,847	776,3567
Q9DAV6	4	1	24,1519	0,151942	3,423681	R86 OS=Mus musculus OX=10090 GN=Serpinb9b PE=1 SV=1	124,0377	162,0196	29,17781	201,944	7,259059	0	98,68462	45,11571
E9PZF0;Q01768;Q5NC79	59	9	303,0512	0,152487	1,275495	Nucleoside diphosphate kinase OS=Mus musculus OX=10090 GN=Gm20390 PE=3 SV=1	21849,02	15097,28	24589,01	23699,1	33360,09	27311,62	26253,86	21790,49
O88844;A0A087WPT4;A0 A087WRS9;D3YVY3	16	4	98,2078	0,152676	1,587782	Isocitrate dehydrogenase [NADP] cytoplasmic OS=Mus musculus OX=10090 GN=Idh1 PE=1 SV=2	1028,328	655,8074	1246,885	1729,434	2770,083	1410,148	1450,518	1769,038
Q8BMA6;A2AAN2	46	6	301,1627	0,153159	1,247098	Signal recognition particle subunit SRP68 OS=Mus musculus OX=10090 GN=Srp68 PE=1 SV=2	7130,341	8130,833	6277,001	9874,788	7260,571	6876,667	6157,693	6632,937

	6	1	28,8466	0,1536	3,000025	Zinc finger FYVE domain-containing protein 1 OS=Mus musculus OX=10090 GN=Zfyve1 PE=1 SV=2	149,7911	64,14234	33,35538	599,2847	1006,275	56,73611	548,4546	773,4444
Q810J8														
Q9R0Y5;A0A0A6YXW8;Z4Y N97	14	8	109,8453	0,153922	1,223429	Adenylate kinase isoenzyme 1 OS=Mus musculus OX=10090 GN=Ak1 PE=1 SV=1	10561,73	10762,79	10182,44	13261,82	17356,02	14128,81	12304,91	10981,69
A2A483;A2A482;A2A484; A2A485;E9Q8D1;Q3U1M7 ;Q3UH28	9	1	38,707	0,154225	2,032912	Zinc finger, MYND-type-containing 8 OS=Mus musculus OX=10090 GN=Zmynd8 PE=1 SV=1	193,7729	506,461	306,3812	667,8341	638,9342	374,8028	557,6822	1369,241
Q5DTH5;A0A494B920	5	1	32,4289	0,154356	2,030283	Teashirt homolog 1 OS=Mus musculus OX=10090 GN=Tshz1 PE=1 SV=2	362,9805	584,6571	514,1886	400,5503	344,8503	371,1825	32,62002	168,6459
B1AVY7;A0A1D5RMD4;E7 FLY0	14	2	86,0704	0,154473	2,396041	Kinesin-like protein KIF16B OS=Mus musculus OX=10090 GN=Kif16b PE=1 SV=1	248,52	363,0981	498,2434	687,542	1250,954	980,6568	261,7892	630,7972
O35887;G3UWR0;G3UWV 3;G3UXA3;G3UXA8;G3UY4 9;G3V004;Q6XLQ8	28	9	250,0664	0,154653	1,157252	Calumenin OS=Mus musculus OX=10090 GN=Calu PE=1 SV=1	24532,75	20836,25	18694,86	21715,81	23608,7	22246,5	20579,29	19414,67
Q61937;Q5SQB0;Q5SQB5; Q9DAY9	63	38	238,1359	0,154772	1,184986	Nucleophosmin OS=Mus musculus OX=10090 GN=Npm1 PE=1 SV=1	87720,08	118740,6	98632,12	97904,08	88621,55	94340,01	75510,22	81613,97
Q9JIX8;B8JJ89;B8JJ90;B8JJ 91;B8JJ92;F6Q8C0;F6RJ39; Q52KR6	64	19	455,513	0,154818	1,179096	Apoptotic chromatin condensation inducer in the nucleus OS=Mus musculus OX=10090 GN=Acin1 PE=1 SV=3	11619,86	11266,09	12652,34	13578,88	12086,61	10034,83	9684,105	9851,076
Q9D5V5;E9PV12;E9Q6Z0; G3X914	10	1	63,8298	0,155396	1,49494	Cullin-5 OS=Mus musculus OX=10090 GN=Cul5 PE=1 SV=3	406,7819	381,2931	318,7072	506,1692	436,7521	601,6518	381,3881	445,0813
O88325	13	3	86,4415	0,155523	1,085528	Alpha-N-acetylglucosaminidase OS=Mus musculus OX=10090 GN=Naglu PE=1 SV=1	1459,35	1531,243	1554,882	1476,003	1491,502	1447,328	1346,504	1575,943
Q9D7M1	3	1	24,3137	0,156073	1,309984	Glucose-induced degradation protein 8 homolog OS=Mus musculus OX=10090 GN=Gid8 PE=1 SV=1	2233,254	2119,763	2513,454	2427,951	2792,083	2165,468	3150,606	2467,272
Q6NV83;A0A087WRG2	18	3	114,827	0,156382	1,566426	U2 snRNP-associated SURP motif-containing protein OS=Mus musculus OX=10090 GN=U2surp PE=1 SV=3	3255,81	2103,766	1752,252	3745,382	1803,77	1451,52	2297,266	2639,461
Q6P9R2	7	2	43,8855	0,156527	1,284076	Serine/threonine-protein kinase OSR1 OS=Mus musculus OX=10090 GN=Oxsr1 PE=1 SV=1	5260,052	5535,856	5270,637	6532,792	3221,507	4720,853	4862,814	4794,513
Q9CZN7	73	38	395,7867	0,157001	1,213627	Serine hydroxymethyltransferase, mitochondrial OS=Mus musculus OX=10090 GN=Shmt2 PE=1 SV=1	38521,21	50294,35	33859,99	39398,67	37103,35	36668,62	28855,52	30917,83
P70279;A2ALAO	19	4	125,5385	0,158201	1,230171	Surfeit locus protein 6 OS=Mus musculus OX=10090 GN=Surf6 PE=1 SV=1	2966,361	2351,132	2372,91	2952,748	3460,021	2255,968	3326,184	3534,577
P46061;A0A2R8VHK9;A0A 2R8W753	47	16	339,5941	0,158604	1,215609	Ran GTPase-activating protein 1 OS=Mus musculus OX=10090 GN=Rangap1 PE=1 SV=2	17274,05	17610,2	16411,37	19297,94	23846,57	18840,33	16145,88	16010,34
A0A3B2W7J8	128	25	821,6624	0,158652	1,606009	Plectin (Fragment) OS=Mus musculus OX=10090 GN=Plec PE=1 SV=1	29334,94	7874,388	10245,57	19352,7	21709,17	23113,7	29056,89	30986,1
P42932;H3BKG2;H3BKR8; H3BL49;H3BLL1	85	22	603,5832	0,158677	1,116793	T-complex protein 1 subunit theta OS=Mus musculus OX=10090 GN=Cct8 PE=1 SV=3	29884,94	31019,34	31782,55	33641,55	36546,32	36235,71	32677,54	29353,99

P62281;A0A1B0GRR3;A0A1B0GSE8	36	11	188,55	0,15926	1,179522	40S ribosomal protein S11 OS=Mus musculus OX=10090 GN=Rps11 PE=1 SV=3	6357,432	7855,305	7346,878	7202,841	9185,23	10065,52	7336,973	7338,234
Q99KJ8	32	12	202,5261	0,159663	1,750351	Dynactin subunit 2 OS=Mus musculus OX=10090 GN=Dctn2 PE=1 SV=3	1745,602	1624,84	1761,033	5310,825	2401,107	1853,047	3914,254	3375,642
Q9DBE9	36	8	266,2043	0,16012	1,462628	pre-rRNA 2'-O-ribose RNA methyltransferase FTSJ3 OS=Mus musculus OX=10090 GN=Ftsj3 PE=1 SV=1	1344,917	998,7774	1856,483	2059,863	1992,195	2543,688	1478,306	1993,45
Q9CZR8;Q9CX33	19	4	145,3997	0,16022	1,187666	Elongation factor Ts, mitochondrial OS=Mus musculus OX=10090 GN=Tsfm PE=1 SV=1	5726,124	4260,464	3926,483	4843,237	4249,776	3874,641	3940,936	3767,852
P56480	158	88	636,7873	0,160368	1,136129	ATP synthase subunit beta, mitochondrial OS=Mus musculus OX=10090 GN=Atp5f1b PE=1 SV=2	150568,5	139671,4	130316,1	142061,5	124155,3	145667,5	116472,8	108910,2
H3BK24;E9QKE9;H3BJL7;H3BJQ9;H3BKF6;H3BL09;H3BLS0	18	1	102,4476	0,160441	1,727387	Homeobox protein cut-like OS=Mus musculus OX=10090 GN=Cux1 PE=1 SV=2	1557,388	194,8319	136,9323	1710,278	2139,603	892,7582	1393,546	1407,931
Q8C1B1;A0A0A6YY67;H7B X08	5	2	31,8744	0,160642	1,120099	Calmodulin-regulated spectrin-associated protein 2 OS=Mus musculus OX=10090 GN=Camsap2 PE=1 SV=3	5559,417	4722,618	4497,304	5071,692	5023,307	4254,374	4334,84	4110,052
Q9EPM5	5	1	27,1963	0,160653	1,355265	Syncollin OS=Mus musculus OX=10090 GN=Sync PE=1 SV=1	259,8862	326,9795	340,5511	241,803	297,2746	332,3759	263,836	314,6509
Q99PT1	21	7	153,0012	0,160825	1,358965	Rho GDP-dissociation inhibitor 1 OS=Mus musculus OX=10090 GN=Arhgdia PE=1 SV=3	3042,804	1498,842	2742,18	3409,962	4265,208	3082,471	3695,215	3489,589
D3YXP6;Q9D1G2	2	1	10,569	0,160842	1,189141	Phosphomevalonate kinase OS=Mus musculus OX=10090 GN=Pmvk PE=1 SV=1	2144,801	2268,268	2353,24	2496,085	3451,211	2555,223	2540,148	2467,712
Q6P5F9;A2AKT6;F6YA11	49	9	410,1951	0,161086	1,145397	Exportin-1 OS=Mus musculus OX=10090 GN=Xpo1 PE=1 SV=1	14289,54	12253,87	13746,46	14472,47	13262,13	15218,94	12306,28	11961,17
O88543;F6YCA7	20	4	120,3571	0,161248	1,434601	COP9 signalosome complex subunit 3 OS=Mus musculus OX=10090 GN=Cops3 PE=1 SV=3	1250,782	957,4814	835,1128	1350,318	1746,899	1479,077	1551,428	1525,795
Q9DBR0;A0A494B9I1;A0A494BAZ0	15	4	82,5684	0,161375	1,792278	A-kinase anchor protein 8 OS=Mus musculus OX=10090 GN=Akap8 PE=1 SV=1	2366,008	358,1302	2033,546	1963,22	3710,402	3350,606	2455,445	2529,277
Q569Z6;F6YH92;F6YSQ2;Q8BZN7	41	12	265,2849	0,161724	1,747901	Thyroid hormone receptor-associated protein 3 OS=Mus musculus OX=10090 GN=Thrap3 PE=1 SV=1	3295,647	1257,61	667,3735	2976,331	2597,498	1129,187	2847,912	2674,933
Q80WQ2;A0A1D5RLN5;A0A1D5RLY2	22	2	136,9059	0,162342	1,662621	Protein VAC14 homolog OS=Mus musculus OX=10090 GN=Vac14 PE=1 SV=1	308,5705	400,401	540,2749	308,8817	174,1978	306,1104	336,2461	336,2872
Q80ZS3	9	3	60,0884	0,162463	1,143229	28S ribosomal protein S26, mitochondrial OS=Mus musculus OX=10090 GN=Mmps26 PE=1 SV=1	3038,633	2430,336	2924,576	3059,316	2642,157	2465,723	2536,259	2373,852
Q8BLR2	3	1	12,9193	0,16259	1,648404	Copine-4 OS=Mus musculus OX=10090 GN=Cpne4 PE=1 SV=1	3712,026	4422,919	4801,257	4351,248	5931,636	7924,183	3674,143	2742,953
P06837	22	11	165,8528	0,16264	2,793093	Neuromodulin OS=Mus musculus OX=10090 GN=Gap43 PE=1 SV=1	4465,646	7279,063	5572	4865,378	7671,402	40129,21	6817,538	7338,473

Q60597;Q5SVY0;Z4YJV4	73	19	539,3204	0,163786	1,220837	2-oxoglutarate dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Ogdh PE=1 SV=3	24456,46	18911,75	16696,64	24330,88	16945,75	19294,83	17859,53	18555,54
P29758	30	10	197,6468	0,163854	1,218594	Ornithine aminotransferase, mitochondrial OS=Mus musculus OX=10090 GN=Oat PE=1 SV=1	9681,988	8435,143	7281,246	9953,36	5937,539	8949,689	7145,393	6977,648
Q6PCL9;F6THF3;Q8BY05	11	2	60,501	0,164034	2,566867	Poly(A) polymerase gamma OS=Mus musculus OX=10090 GN=Papolg PE=1 SV=1	41,318	148,2553	66,24615	66,93947	145,417	54,92652	253,4849	374,6509
E9Q8I7;E9PZN0;E9Q3K1	8	3	32,9044	0,164664	1,53047	Nuclear transcription factor, X-box-binding-like 1 OS=Mus musculus OX=10090 GN=Nfxl1 PE=1 SV=1	613,8712	717,9426	609,956	481,6085	768,8248	1483,303	838,1579	618,6217
P26443;F7CFA5	53	15	360,7399	0,164719	1,167182	Glutamate dehydrogenase 1, mitochondrial OS=Mus musculus OX=10090 GN=Glud1 PE=1 SV=1	14274,6	14551,59	12483,78	13712,34	12350,28	15154,56	11448,34	10163,48
Q6P5B0	51	10	326,1468	0,164816	1,325329	RRP12-like protein OS=Mus musculus OX=10090 GN=Rrp12 PE=1 SV=1	3087,575	1568,548	3300,283	3875,754	3993,534	3884,782	3578,798	3277,906
A0A140LI83	1	1	3,6132	0,16482	2,569243	Cyclin-dependent kinase inhibitor 1C (Fragment) OS=Mus musculus OX=10090 GN=Cdkn1c PE=4 SV=1	234,019	303,2573	302,2175	392,968	245,0795	1434,64	454,2697	322,1392
P49442;E0CX64;E0CYQ4;H3BK26	2	1	10,0073	0,165012	1,215874	Inositol polyphosphate 1-phosphatase OS=Mus musculus OX=10090 GN=Inpp1 PE=1 SV=2	1680,701	1538,032	1580,217	1850,813	2230,386	1861,969	1704,499	1673,475
Q8VE10;A0A494B9D7 P06151;A0A1B0GQX5;A0A1B0GRC1;A0A1B0GRS2;A0A1B0GRW9;A0A1B0GS79;A0A1B0GSL7;A0A1B0GSR9;A0A1B0GSX0;A0A1B0GT41;D3YZQ9	1	1	4,7476	0,165136	86,47614	N-alpha-acetyltransferase 40 OS=Mus musculus OX=10090 GN=Naa40 PE=1 SV=1	89,96726	26224,43	4032,986	268,6588	40172,5	7334,091	168,2938	352,5872
Q3TDN2;D3YUP4;D3Z2H4	104	48	589,7988	0,165167	1,270586	L-lactate dehydrogenase A chain OS=Mus musculus OX=10090 GN=Ldha PE=1 SV=3	120229,1	84302,54	96168,98	148010,4	176254,1	110652,2	150831,9	132387,6
Q6PH08;Q3UHT7	28	7	206,0392	0,165195	1,319247	FAS-associated factor 2 OS=Mus musculus OX=10090 GN=Faf2 PE=1 SV=2	4893,873	4784,501	4077,519	4725,597	6591,539	5970,071	4487,995	3706,941
A2AG30	40	6	223,6054	0,165949	2,531524	ERC protein 2 OS=Mus musculus OX=10090 GN=Erc2 PE=1 SV=2	395,0207	2627,413	1130,384	567,6899	429,1008	506,5732	437,3349	491,6812
P08122	1	1	9,8494	0,16622	1,697844	DnaJ homolog subfamily B member 5 OS=Mus musculus OX=10090 GN=Dnajb5 PE=1 SV=1	2485,89	821,842	1837,214	2675,259	4943,06	3509,883	2229,491	2532,831
	33	3	184,6774	0,166237	1,224434	Collagen alpha-2(IV) chain OS=Mus musculus OX=10090 GN=Col4a2 PE=1 SV=4	861,0025	742,7613	670,1628	714,6037	819,2864	770,9171	515,0194	717,2334

Q8BML9;A0A0A6YY08;A0 A140LHB3;A0A140LHJ3;A0 A140LHZ5;A0A140LID3;A0 A140LIN2;A0A140LIR0;A0 A140LIS6;A0A140LJH1;A0 A140LJH2;A0A140LJK5;D3 Z158 P05064;A0A0U1RPN8;A0A OU1RPT5;A6ZI44;D3YV98; D3YWI1;D3Z510	43	5	333,3343	0,166238	1,473913	Glutamine--tRNA ligase OS=Mus musculus OX=10090 GN=Qars1 PE=1 SV=1	3226,086	1937,703	2124,143	4366,967	3071,246	1938,849	3843,871	4045,017
Q9ESK9;E9PX56;F7CC56	35	2	178,6325	0,166352	1,442073	Fructose-bisphosphate aldolase A OS=Mus musculus OX=10090 GN=Aldoa PE=1 SV=2 RB1-inducible coiled-coil protein 1 OS=Mus musculus OX=10090 GN=Rb1cc1 PE=1 SV=3 Very long-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Acadvl PE=1 SV=3	10505,65	8990,597	8864,351	10799,3	13029,58	9120,794	11776,07	10790,42
P50544;B1AR28	45	10	300,9095	0,16682	2,6909	Synaptic vesicle membrane protein VAT-1 homolog-like OS=Mus musculus OX=10090 GN=Vat1l PE=1 SV=2	2693,365	17131,33	3660,622	3179,646	2764,786	3057,162	2340,12	2286,075
Q80TB8;D3Z434	52	22	348,0612	0,166847	1,246379	F-box/WD repeat-containing protein 4 OS=Mus musculus OX=10090 GN=Fbxw4 PE=1 SV=1	26054,75	18083,12	28824,6	29010,92	36068,73	30534,36	32152,93	28341,46
Q9JMJ2	2	1	10,6641	0,167205	1,213357	Copine-1 OS=Mus musculus OX=10090 GN=Cpne1 PE=1 SV=1	3807,526	3466,156	4035,644	4948,359	5275,676	4320,865	4250,52	4065,831
Q8C166	2	1	9,9092	0,168283	1,143272	Vesicular integral-membrane protein VIP36 OS=Mus musculus OX=10090 GN=Lman2 PE=1 SV=2	1582,134	1379,762	1439,05	1573,615	1790,498	1589,072	1847,821	1566,914
Q9DBH5	27	7	159,687	0,168829	1,459289	28S ribosomal protein S27, mitochondrial OS=Mus musculus OX=10090 GN=Mrps27 PE=1 SV=2	8152,419	4640,773	9183,298	6681,502	9823,108	8738,666	7817,085	15441,45
Q8BK72 P35293;A0A3Q4EI12;A0A4 52J8C1	11	3	70,4221	0,170019	1,233986	Ras-related protein Rab-18 OS=Mus musculus OX=10090 GN=Rab18 PE=1 SV=2	1031,786	1107,113	1120,861	1270,422	1167,075	1074,58	771,3848	696,0341
Q3UHD3 Q9Z2Q6;A0A338P6R8;A0A 338P769;B7ZNM7 P41216;D3YVF6;D3Z041;D 3Z457 P11499;A0A1Y7VJB9;D3Z1 R1;E9PX27;E9Q0C3;E9Q3D 6;Q6PFY9	18	1	114,3117	0,170256	1,456729	Microtubule-associated tumor suppressor candidate 2 homolog OS=Mus musculus OX=10090 GN=Mtus2 PE=1 SV=1	309,3938	109,6717	211,8306	322,7047	318,1081	242,6192	304,9681	397,7232
	10	2	47,8237	0,171223	1,982672	Septin-5 OS=Mus musculus OX=10090 GN=Septin5 PE=1 SV=2	3974,288	982,696	2925,884	3488,238	1566,192	1889,04	1148,166	1131,845
	8	2	50,6685	0,171626	1,176531	Long-chain-fatty-acid--CoA ligase 1 OS=Mus musculus OX=10090 GN=Acsl1 PE=1 SV=2	2073,358	1521,756	1844,261	1815,969	1527,033	2060,44	2011,197	2044,015
	40	7	275,8425	0,171696	1,234763	Heat shock protein HSP 90-beta OS=Mus musculus OX=10090 GN=Hsp90ab1 PE=1 SV=3	3467,756	3441,561	3400,651	3815,231	3169,61	2947,056	2332,31	3208,231
	225	58	1143,652	0,172022	1,169853	NACHT, LRR and PYD domains-containing protein 4C OS=Mus musculus OX=10090 GN=Nlrp4c PE=2 SV=1	43049,23	30602,52	41915,73	48178,86	50969,17	50454,04	48417,12	41718,8
Q3TKR3	26	3	137,5799	0,172988	1,921545		732,4747	130,6285	102,7524	898,9594	1038,95	471,8523	527,7391	519,0127

E9PYG6;A0A286YDU0	17	3	86,1637	0,173129	1,173004	RAS p21 protein activator 1 OS=Mus musculus OX=10090 GN=Rasa1 PE=1 SV=1	810,8115	913,1794	1170,382	1085,42	1271,162	1016,866	1271,352	1108,933
Q9ES28;A0A0R4J0X8;D3Z0V2	9	1	46,2264	0,173353	16,36222	Rho guanine nucleotide exchange factor 7 OS=Mus musculus OX=10090 GN=Arhgef7 PE=1 SV=2	5,290082	1,752065	2,013157	5,853703	0	5,87363	3,321495	21,41434
Q9D1I6	5	3	33,9777	0,173596	1,533723	39S ribosomal protein L14, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl14 PE=1 SV=1	603,2882	443,2439	304,9895	572,8483	169,8757	316,3293	461,404	416,6294
P60229	40	13	275,311	0,174022	1,234261	Eukaryotic translation initiation factor 3 subunit E OS=Mus musculus OX=10090 GN=Eif3e PE=1 SV=1	10642,49	7764,958	7921,218	10344,02	14273,29	11074,13	10468,23	9393,799
A0A1Y7VME9	45	1	258,1167	0,1741	1,882717	Kinase D-interacting substrate 220 OS=Mus musculus OX=10090 GN=Kidins220 PE=1 SV=1	633,5212	83,88614	149,7759	341,2786	364,9026	781,5431	431,7902	271,7042
Q62384;F8WHU9	4	1	21,2654	0,17414	1,576234	Zinc finger protein ZPR1 OS=Mus musculus OX=10090 GN=Zpr1 PE=1 SV=1	2574,702	2176,269	2004,298	3975,841	1953,871	2022,191	2716,832	2337,267
Q99LC2	8	1	44,0238	0,174236	1,616897	Cleavage stimulation factor subunit 1 OS=Mus musculus OX=10090 GN=Cstf1 PE=1 SV=1	5074,046	1381,868	6554,404	6669,435	8358,516	8903,9	8401,946	6155,778
A7KBS4	12	2	65,5633	0,175369	1,296699	Zinc finger and SCAN domain containing protein 4D OS=Mus musculus OX=10090 GN=Zscan4d PE=2 SV=1	6640,353	4727,924	6343,31	6319,937	7558,651	8124,189	6105,186	5341,262
P70280	3	1	23,3029	0,175654	3,119776	Vesicle-associated membrane protein 7 OS=Mus musculus OX=10090 GN=Vamp7 PE=1 SV=1	4803,901	40190,96	24865,36	7343,56	5960,101	5419,386	7598,523	5768,572
Q8K120;A0A2I3BRRO	8	1	40,3472	0,175662	2,909265	Nuclear factor of activated T-cells, cytoplasmic 4 OS=Mus musculus OX=10090 GN=Nfatc4 PE=1 SV=2	248,3028	405,4541	427,6306	148,3187	49,86883	104,7591	144,9727	123,0855
A0A1W2P7Y9;Q810U4	9	2	50,5178	0,175794	1,724127	Neuronal cell adhesion molecule OS=Mus musculus OX=10090 GN=Nrcam PE=1 SV=1	17474,85	4398,879	25956,11	29843,37	36397,14	40679,24	24814,24	32027,82
A2ADM8	7	1	34,3142	0,175901	3,027797	Zinc finger protein 831 OS=Mus musculus OX=10090 GN=Zfp831 PE=4 SV=1	60,69756	1230,436	883,1461	129,9803	448,3503	197,0708	1312,991	1873,059
P62082	42	31	196,6989	0,176037	1,333327	40S ribosomal protein S7 OS=Mus musculus OX=10090 GN=Rps7 PE=2 SV=1	24016,32	13478,84	16435,8	29765,94	34418,74	20326,53	27874,33	28561,72
Q9JJA4;D3Z369	21	5	133,564	0,176094	2,222509	Ribosome biogenesis protein WDR12 OS=Mus musculus OX=10090 GN=Wdr12 PE=1 SV=1	1748,275	2295,884	7708,405	1671,309	1562,099	1999,549	1773,882	1187,169
Q61024;D3YYR0;D3Z028;D3Z0C2	54	25	350,3256	0,176333	1,126767	Asparagine synthetase [glutamine-hydrolyzing] OS=Mus musculus OX=10090 GN=Asns PE=1 SV=3	28161,11	24588,04	29551,81	32435,74	35259,29	33022,86	32586,45	28412,96
Q9Z223;A0A0R4J206	2	1	10,3631	0,176516	1,352638	Molybdopterin synthase catalytic subunit OS=Mus musculus OX=10090 GN=Mocs2 PE=1 SV=3	1071,122	1675,699	1978,982	1164,281	1408,491	1159,908	1219,629	1062,048

P68510 AOA087WNU5;AOA087WR U2;G3X971;S4R162;S4R18 7;S4R1X7;S4R2C1 Q8C854;A2ATP5;A2ATP6;F 6XJA1;G8JL68	42	6	255,4838	0,176608	1,27755	14-3-3 protein eta OS=Mus musculus OX=10090 GN=Ywhah PE=1 SV=2	4993,404	4595,372	3794,719	6527,867	7581,617	5231,038	6748,706	5876,403
E9Q453;G5E8R2	80	5	400,5814	0,176675	1,378491	Ankyrin-3 (Fragment) OS=Mus musculus OX=10090 GN=Ank3 PE=1 SV=1	1024,434	1578,552	1358,036	1024,389	985,8103	615,8199	1199,265	815,6754
Q9QZC2	36	15	250,7108	0,176878	1,18477	Myelin expression factor 2 OS=Mus musculus OX=10090 GN=Myef2 PE=1 SV=1	18260,91	14631,32	15928,83	19982,01	14720,89	18880,35	16501,25	15183,02
Q9DCS9;D3YUK4	26	1	178,4092	0,177117	1,426674	Tropomyosin alpha-1 chain OS=Mus musculus OX=10090 GN=Tpm1 PE=1 SV=1	296,7194	452,3089	435,0309	341,8526	307,677	132,4813	333,4962	295,9045
Q60680	5	1	30,3869	0,17728	1,268026	Plexin-C1 OS=Mus musculus OX=10090 GN=Plxnc1 PE=1 SV=1	12683,91	13435,59	13019,57	15910,2	10057,66	15919,56	14173,65	11391,87
P14148;F6XI62	12	3	84,4819	0,178315	1,265198	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 OS=Mus musculus OX=10090 GN=Ndufb10 PE=1 SV=3	313,2854	490,7754	353,9283	293,4168	397,4244	422,6781	391,7326	347,1572
Q80U93	4	1	19,0231	0,17859	1,601859	Inhibitor of nuclear factor kappa-B kinase subunit alpha OS=Mus musculus OX=10090 GN=Chuk PE=1 SV=1	711,9088	231,7785	451,9985	668,8973	472,6811	254,6645	511,2135	657,3287
Q9D0D3;AOA3Q4L2Q3	69	22	321,4048	0,178601	1,302808	60S ribosomal protein L7 OS=Mus musculus OX=10090 GN=Rpl7 PE=1 SV=2	69160,16	45098,93	44332,34	80204,54	94124,79	57800,03	80081,12	71313,57
Q8R1U1;G3UWH9;G3UWX 2;Q7TSQ9	32	3	202,3306	0,17889	1,469836	Nuclear pore complex protein Nup214 OS=Mus musculus OX=10090 GN=Nup214 PE=1 SV=2	1446,013	1055,821	928,5608	1825,812	996,9096	493,6969	1033,298	1134,824
P46460;G3UX86;G3UX98	6	1	28,8138	0,178898	1,362788	Poly(A) RNA polymerase, mitochondrial OS=Mus musculus OX=10090 GN=Mtpap PE=1 SV=1	168,767	137,6675	234,9872	115,2871	235,642	219,6762	177,2378	262,3986
Q91ZJ5	19	1	99,8576	0,179253	1,669334	Conserved oligomeric Golgi complex subunit 4 OS=Mus musculus OX=10090 GN=Cog4 PE=1 SV=1	278,6278	386,553	345,3122	143,3671	67,14147	93,53942	183,2564	347,2725
Q08759;AOA0J9YUY4;AOA OJ9YVG1	60	12	435,3919	0,179677	1,077054	Vesicle-fusing ATPase OS=Mus musculus OX=10090 GN=Nsf PE=1 SV=2	9378,247	9685,078	8777,532	10024,24	9014,756	9684,682	8617,302	8903,149
Q9D024;B1AR93;F7C265	5	1	25,0639	0,179688	1,688653	N-alpha-acetyltransferase 16, NatA auxiliary subunit OS=Mus musculus OX=10090 GN=Naa16 PE=2 SV=1	1484,416	2576,71	422,7222	3097,158	3438,01	2281,023	2737,737	2723,551
	24	2	108,2542	0,180656	1,665865	Death-inducer obliterator 1 OS=Mus musculus OX=10090 GN=Dido1 PE=1 SV=4	446,5448	449,646	654,4503	274,1571	176,4732	403,7436	237,9403	277,2486
	18	1	116,1521	0,180667	1,155505	UTP--glucose-1-phosphate uridylyltransferase OS=Mus musculus OX=10090 GN=Ugp2 PE=1 SV=3	3330,966	3972,072	4042,766	3792,315	5017,023	4454,153	4445,374	3575,626
	18	4	103,8123	0,180859	1,12295	Ubiquitin-protein ligase E3A OS=Mus musculus OX=10090 GN=Ube3a PE=1 SV=2	602,3393	672,2166	662,7542	584,5335	564,8151	740,321	646,6203	634,2763
	21	6	188,8217	0,181468	1,308798	PAT complex subunit CCDC47 OS=Mus musculus OX=10090 GN=Ccdc47 PE=1 SV=2	3097,611	2071,211	3728,186	2689,092	3297,372	2097,318	2138,374	2868,536



Q8BI84;A0A0A6YX61;A0A OR4J2D3	114	25	724,9388	0,181779	1,69733	Transport and Golgi organization protein 1 homolog OS=Mus musculus OX=10090 GN=Mia3 PE=1 SV=2	10222,4	19808,17	17226,2	11037,72	13070,43	24947,13	9574,846	7617,598
A0A0R4J078;A0A087WSK5 ;Q8VCH8	12	5	77,6525	0,181877	1,729748	UBX domain-containing protein 4 OS=Mus musculus OX=10090 GN=Ubxn4 PE=1 SV=1	1289,404	823,2393	970,1804	1839,57	3419,097	1105,314	1781,718	2208,371
Q61739;A0A5F8MPB5;F6V SK8	37	4	180,6095	0,181896	1,312863	Integrin alpha-6 OS=Mus musculus OX=10090 GN=Itga6 PE=1 SV=3	278,9581	188,5611	177,8561	257,8263	182,0801	200,3518	136,9639	168,5677
A0A0B4J1F9	9	1	48,8835	0,181945	1,180252	Trichohyalin OS=Mus musculus OX=10090 GN=Tchh PE=1 SV=1	12535,01	10992,41	11083,47	12545,26	11343,3	11638,22	9452,75	8989,803
Q6PGL7;A0A0N4SUJ0;A0A 0N4SV74	23	1	124,1773	0,181966	1,587437	WASH complex subunit 2 OS=Mus musculus OX=10090 GN=Washc2 PE=1 SV=1	2191,578	1045,343	2205,4	2411,073	1681,504	651,0633	1252,702	1361,948
Q9CQM9;A0A1B0GS58;AO A1B0GT04	20	4	170,1026	0,182212	1,474485	Glutaredoxin-3 OS=Mus musculus OX=10090 GN=Glrx3 PE=1 SV=1	1136,075	1409,325	788,7155	1660,118	1427,293	819,4415	1970,623	1780,548
Q9R0E1;F6W3Q8	46	15	361,7683	0,182409	1,148214	Multifunctional procollagen lysine hydroxylase and glycosyltransferase LH3 OS=Mus musculus OX=10090 GN=Plod3 PE=1 SV=1	17260,73	14760	15990,73	17429,41	15659,16	15615,76	13415,32	12303,37
Q3UZV7	5	1	27,9399	0,182634	1,694209	Endosome/lysosome-associated apoptosis and autophagy regulator family member 2 OS=Mus musculus OX=10090 GN=Elapor2 PE=1 SV=1	237,914	528,6832	344,7201	440,2873	388,8627	203,5481	139,5792	183,8385
A0A6I8MWZ2;A0A087WP C7;A0A087WQ94;A0A087 WQM0;A0A087WQS0;A0A 087WRU0;A0A1D5RM59;E 9Q0S6;Q9DBT6	16	1	78,7592	0,182657	1,539087	Tensin 1 OS=Mus musculus OX=10090 GN=Tns1 PE=1 SV=1	3695,679	1924,892	2511,227	4005,471	6387,764	5222,456	3117,15	3494,682
Q3UGR5	3	2	15,8524	0,182836	1,186383	Haloacid dehalogenase-like hydrolase domain- containing protein 2 OS=Mus musculus OX=10090 GN=Hdhd2 PE=1 SV=2	1644,383	1895,786	2079,777	1878,876	1989,237	2244,339	1877,546	1972,71
Q8C8U0;F6S1C4	28	4	163,4845	0,183209	1,107298	Liprin-beta-1 OS=Mus musculus OX=10090 GN=Ppfbp1 PE=1 SV=3	1315,851	1346,159	1294,551	1446,913	1647,207	1422,361	1433,752	1312,685
A0A0J9YTR9	7	1	38,1848	0,183405	2,129455	Transcription factor 4 OS=Mus musculus OX=10090 GN=Tcf4 PE=1 SV=1	1485,746	650,8504	634,7608	2592,659	145,0994	426,8008	1137,627	1195,908
Q6URW6;A0A140LHX1;AO A140LI60;K3W4R2	142	15	988,9872	0,183438	1,18096	Myosin-14 OS=Mus musculus OX=10090 GN=Myh14 PE=1 SV=1	1565,887	2082,321	2179,594	1619,292	2073,717	2431,553	2422,881	1866,57
A0A571BG95;E9PUE7	14	5	89,574	0,1835	1,383681	Active breakpoint cluster region-related protein OS=Mus musculus OX=10090 GN=Abr PE=1 SV=1	3934,273	2988,238	3175,309	3848,132	4951,775	6819,001	4127,047	3398,923
Q0P5X1	3	1	13,547	0,183835	1,899367	Leucine-rich repeat and IQ domain-containing protein 1 OS=Mus musculus OX=10090 GN=Lrriq1 PE=2 SV=2	132,0877	0	0	209,3807	115,4199	15,53018	110,0196	102,5653
Q99P31;A0A0U1RPE7;A0A OU1RPF2;A0A0U1RQ49	16	6	99,9866	0,183992	1,398307	Hsp70-binding protein 1 OS=Mus musculus OX=10090 GN=Hsbbp1 PE=1 SV=1	2171,861	3858,031	3557,281	2382,824	2881,395	2733,408	2662,502	1887,564

Q8K4Z5	53	14	348,4499	0,184415	1,15648	Splicing factor 3A subunit 1 OS=Mus musculus OX=10090 GN=Sf3a1 PE=1 SV=1	9640,194	8851,489	7744,612	9416,003	9832,664	8622,252	8165,189	7562,739
P15626;A2AE91;D3YVP9;D 3YX76;O35660;Q8R5I6	23	3	185,781	0,184554	1,215583	Glutathione S-transferase Mu 2 OS=Mus musculus OX=10090 GN=Gstm2 PE=1 SV=2	1467,052	1185,879	1642,85	1711,628	1285,478	1624,955	1686,447	1387,723
Q61098;A0A0A6YWA3;Q8 C257	4	1	23,7481	0,184655	1,756635	Interleukin-18 receptor 1 OS=Mus musculus OX=10090 GN=Il18r1 PE=1 SV=1	817,8446	2649,059	1072,512	725,6229	1223,262	1006,381	1290,143	1173,448
Q9CZM2;B8JJK2	30	17	173,4709	0,184917	1,200879	60S ribosomal protein L15 OS=Mus musculus OX=10090 GN=Rpl15 PE=1 SV=4	23221,51	19339,52	22417,86	28582,27	28151,51	21839,41	29571,83	24898,01
Q99KX1;A0A0N4SVX3	9	1	65,3789	0,184925	1,344381	Myeloid leukemia factor 2 OS=Mus musculus OX=10090 GN=Mlf2 PE=1 SV=1	747,9852	1029,711	861,2008	802,3622	1049,86	1404,559	812,3148	862,9531
Q9CZ30;B1AYJ9;Q99K73	34	13	222,3609	0,184965	1,53323	Obg-like ATPase 1 OS=Mus musculus OX=10090 GN=Ola1 PE=1 SV=1	4366,129	2438,796	3534,808	8779,779	10067,15	4001,156	8438,866	6807,438
Q99MR8	10	2	45,7673	0,185003	13,04667	Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=Mccc1 PE=1 SV=2	192,4126	9753,904	731,5256	327,2109	250,9153	396,2962	219,1313	218,8308
Q8C5U9	3	1	14,0532	0,185635	3,065187	Ubiquilin-3 OS=Mus musculus OX=10090 GN=Ubln3 PE=1 SV=1	822,0541	966,8507	5929,568	1238,604	1067,339	939,39	984,5552	850,6829
P68181;A0A0G2JFT9;H6T MF5	11	1	79,9808	0,186144	1,992016	cAMP-dependent protein kinase catalytic subunit beta OS=Mus musculus OX=10090 GN=Prkacb PE=1 SV=2	924,8628	1342,634	783,3847	1596,907	2611,63	2106,603	777,9003	949,7684
E9Q7R9	9	1	38,2668	0,186264	2,143529	Cilia- and flagella-associated protein 43 OS=Mus musculus OX=10090 GN=Cfap43 PE=1 SV=1	924,5599	0	18,16194	418,384	706,5347	143,6771	394,3124	347,2889
P97427;A0A0J9YTX5;A0A0 J9YUZ1;Q6P1J1;Q71H75	40	8	275,5613	0,186474	1,153001	Dihydropyrimidinase-related protein 1 OS=Mus musculus OX=10090 GN=Crmp1 PE=1 SV=1	13815,61	13669,31	14188,99	15350,84	17815,66	14862,35	14713,97	12776,4
A2AI08	3	1	13,8266	0,186612	1,309602	Taperin OS=Mus musculus OX=10090 GN=Tprn PE=1 SV=1	789,731	455,8117	558,0934	476,3921	493,2895	679,0314	783,4867	886,037
O09172;A0A0G2JDI4	4	1	14,7991	0,18692	1,619878	Glutamate--cysteine ligase regulatory subunit OS=Mus musculus OX=10090 GN=Gclm PE=1 SV=1	1817,967	2415,397	2328,25	2058,832	2162,676	4411,471	1646,078	1469,29
Q91VM5;A0A2I3BQC0	54	2	347,7774	0,186925	1,434696	RNA binding motif protein, X-linked-like-1 OS=Mus musculus OX=10090 GN=Rbmxl1 PE=2 SV=1	5952,756	3882,166	2736,867	4730,576	3483,369	5037,991	4028,964	3717,543
Q64012;A2AU60;A2AU61; A2AU62	27	9	179,6391	0,187177	1,479547	RNA-binding protein Raly OS=Mus musculus OX=10090 GN=Raly PE=1 SV=3	7908,874	2233,451	3748,11	8405,043	9257,011	9122,132	5892,155	6877,036
Q62446;A0A1Y7VJ86;A0A 1Y7VLK0;A0A1Y7VMJ9;A0 A1Y7VP01	16	5	110,3138	0,187563	1,072734	Peptidyl-prolyl cis-trans isomerase FKBP3 OS=Mus musculus OX=10090 GN=Fkbp3 PE=1 SV=2	6545,56	6601,529	6669,573	6793,55	7447,021	7528,936	6977,749	6591,98
E9Q295	5	2	18,1628	0,187791	1,581182	Predicted gene 973 OS=Mus musculus OX=10090 GN=Gm973 PE=1 SV=1	595,0151	381,0749	266,9123	721,7616	321,4297	206,303	404,4964	404,6277
B7ZCI2;A0A1B0GXL1;B7ZC I3;Q0II04	25	2	145,2405	0,187894	1,671672	Nebulette OS=Mus musculus OX=10090 GN=Nebi PE=1 SV=1	1888,869	1091,528	433,1282	656,9369	687,5849	2351,134	1726,08	1896,85

P54103;E9Q9H2;E9Q9H3; Q3TRX6	35	3	216,3654	0,188298	1,587707	DnaJ homolog subfamily C member 2 OS=Mus musculus OX=10090 GN=Dnajc2 PE=1 SV=2	4586,067	7192,43	8569,996	8824,194	6028,254	5115,334	3550,087	3680,424
P68037;A0A338P702;A0A338P786;A0A338P7E5	16	7	109,8214	0,188735	1,251691	Ubiquitin-conjugating enzyme E2 L3 OS=Mus musculus OX=10090 GN=Ube2l3 PE=1 SV=1	20958,46	17612,62	13929,21	27931,57	30462,4	19525,59	25810,11	24877,71
Q9CQ79;A0A0A6YVV3;A0A0A6YWP9;A0A0A6YXY0	6	2	26,5919	0,188854	1,825107	Thioredoxin domain-containing protein 9 OS=Mus musculus OX=10090 GN=Txndc9 PE=1 SV=1	618,6254	725,8233	990,141	691,2382	272,4356	788,5417	783,4707	622,5525
Q8CHI8	51	4	287,6257	0,188869	1,443632	E1A-binding protein p400 OS=Mus musculus OX=10090 GN=Ep400 PE=1 SV=3	2937,056	1771,555	1996,086	3677,326	2638,509	2588,981	3224,812	3666,973
Q61749;A0A0J9YTQ7;A0A0J9YUY0;D3Z780	18	2	103,3961	0,188986	1,244562	Translation initiation factor eIF-2B subunit delta OS=Mus musculus OX=10090 GN=Eif2b4 PE=1 SV=2	1900,603	2081,217	2009,116	1637,222	1269,133	1967,931	1870,1	1641,051
Q9Z1N5;G3UXI6	62	6	368,7173	0,189414	1,163073	Spliceosome RNA helicase Ddx39b OS=Mus musculus OX=10090 GN=Ddx39b PE=1 SV=1	29313,62	28486,33	24369,71	30714,69	26526,29	29321,27	24307,62	26504,29
Q9VW32;F6THG2;F6VVE6;Q91Z25	17	4	128,4872	0,189479	1,281594	Actin-related protein 2/3 complex subunit 1B OS=Mus musculus OX=10090 GN=Arpc1b PE=1 SV=4	9951,305	8061,741	6909,445	8595,924	11191,57	12293,83	12094,28	7377,302
Q9DBD2;A0A0N4SV35;A0A0N4SVD9;A0A0N4SW32	6	1	26,9546	0,189536	1,361401	E3 ubiquitin-protein ligase MARCHF8 OS=Mus musculus OX=10090 GN=Marchf8 PE=2 SV=1	1124,356	1105,274	1516,97	1175,204	804,5226	930,6111	1609,916	1113,363
P53996;A0A0N4SVS6	10	4	77,4037	0,189561	1,403476	CCHC-type zinc finger nucleic acid binding protein OS=Mus musculus OX=10090 GN=Cnbp PE=1 SV=2	1832,765	922,6165	873,2638	1918,533	2008,646	1175,043	1746,377	1868,066
A0A2R8VKR9	6	1	28,4198	0,189571	1,379171	Peripherin (Fragment) OS=Mus musculus OX=10090 GN=Prph PE=1 SV=1	203,7308	240,6654	229,2496	233,3444	116,6553	189,8889	168,4167	182,6733
Q6P6J9	2	2	16,1378	0,189588	1,383817	Thioredoxin domain-containing protein 15 OS=Mus musculus OX=10090 GN=Txndc15 PE=1 SV=1	505,672	581,1973	581,8307	545,5339	529,0145	1065,143	807,2759	662,6618
O70250	24	3	130,778	0,189848	1,546036	Phosphoglycerate mutase 2 OS=Mus musculus OX=10090 GN=Pgam2 PE=1 SV=3	1899,701	2450,916	3108,514	2656,245	2564,749	4416,12	1835,228	1554,031
P45591	14	2	95,5927	0,190319	1,181187	Cofilin-2 OS=Mus musculus OX=10090 GN=Cfl2 PE=1 SV=1	1729,601	1264,069	1397,497	1546,234	1676,759	1676,329	1477,175	1304,199
Q0VAV2 Q7TMK9;A0A0R4J259;G3UWM1;G3UXJ6;G3UXU5;G3UZ48;G3UZI2;G3V018;G3XA76	6	1	27,0603	0,190642	1,912045	Exophilin-5 OS=Mus musculus OX=10090 GN=Exph5 PE=1 SV=1	88,69849	117,4192	63,84202	48,64195	268,2022	108,4387	135,1959	97,34394
P62196;Q8K1K2	43	10	343,3726	0,191153	1,134116	Heterogeneous nuclear ribonucleoprotein Q OS=Mus musculus OX=10090 GN=Syncrip PE=1 SV=2	12615,29	12833,97	12671,68	13798,06	13629,82	11164,14	12608,31	12961,05
						26S proteasome regulatory subunit 8 OS=Mus musculus OX=10090 GN=Psmc5 PE=1 SV=1	7101,598	7003,645	7655,595	7801,052	8464,126	7439,767	6685,068	6627,93

Q9WUL7;A0A494BAJ6	9	3	60,4891	0,191468	3,024444	ADP-ribosylation factor-like protein 3 OS=Mus musculus OX=10090 GN=Arl3 PE=1 SV=1	70,32121	361,5952	309,57	110,1324	5,816731	180,3637	22,93856	105,0325
P62627;A2AVR9	6	3	37,3199	0,191663	1,184391	Dynein light chain roadblock-type 1 OS=Mus musculus OX=10090 GN=Dynlrb1 PE=1 SV=3	357,4071	339,2346	360,2991	385,4846	418,3525	325,0666	411,3032	442,9875
Q14B71;D3YZE8;D3Z5P7	21	5	105,3438	0,192571	5,687892	Cell division cycle-associated protein 2 OS=Mus musculus OX=10090 GN=Cdca2 PE=1 SV=2	707,37	1646,49	9019,041	556,8601	703,0152	1766,382	877,2381	670,3126
Q64518;B1ATS4;B1ATSS;E9Q559	39	3	253,5434	0,192684	1,297724	Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 OS=Mus musculus OX=10090 GN=Atp2a3 PE=1 SV=4	10259,74	4960,335	8524,673	11990,77	13642,03	10535,55	11921,4	10275,88
P24288;A0A0N4SV61;B2KFA8;B2KFA9;E9Q4K3;Q8CBC8	19	6	132,7471	0,193027	1,379966	Branched-chain-amino-acid aminotransferase, cytosolic OS=Mus musculus OX=10090 GN=Bcat1 PE=1 SV=2	3273,012	3978,977	5694,359	4579,053	8187,482	6866,3	4281,774	4848,905
Q6DFV3;A0A0A0MQE8;A2BHQ2;B7ZCJ0;B7ZCJ1;G3UWM5;G3UX38	32	7	160,557	0,193159	1,123509	Rho GTPase-activating protein 21 OS=Mus musculus OX=10090 GN=Arhgap21 PE=1 SV=1	4015,488	3883,743	4349,327	4953,923	4788,092	4362,41	4321,251	3973,099
P62245;D3YVB4;D3Z712;F8WJ41	27	12	177,1498	0,193184	1,17128	40S ribosomal protein S15a OS=Mus musculus OX=10090 GN=Rps15a PE=1 SV=2	35433,26	37618,13	41620,43	41169,64	40567,24	39034,76	33975,74	28274,94
P70295;A0A0N4SVA6;Q3U3K9	1	1	5,1654	0,193314	1,752161	Lipid droplet-regulating VLDL assembly factor AUP1 OS=Mus musculus OX=10090 GN=Aup1 PE=1 SV=1	852,082	857,3069	698,1773	1264,158	2191,92	1115,577	749,6956	752,1784
Q99MR6;A0A0G2JDF8;A0A0G2JG65	45	8	300,7833	0,193703	1,106802	Serrate RNA effector molecule homolog OS=Mus musculus OX=10090 GN=Srrt PE=1 SV=1	5303,041	5470,864	4577,67	5583,936	5791,691	5722,872	4742,277	5106,127
Q9DB27	3	1	22,0652	0,194025	3,171917	Malignant T-cell-amplified sequence 1 OS=Mus musculus OX=10090 GN=Mcts1 PE=1 SV=1	149,913	235,5221	187,1471	135,0989	0	107,3729	45,59108	70,14433
G3UXL2;Q9D7G0	22	5	121,324	0,194367	1,083022	Ribose-phosphate diphosphokinase OS=Mus musculus OX=10090 GN=Prps1I3 PE=3 SV=1	2690,463	3261,164	3116,321	2882,647	3505,484	3196,972	3192,928	3009,282
F8VQN6	11	1	61,7389	0,194572	3,258095	Rho guanine nucleotide exchange factor 12 OS=Mus musculus OX=10090 GN=Arhgef12 PE=1 SV=1	366,7372	325,4862	2426,365	413,8625	429,4525	196,3843	178,2133	280,1573
Q3U7R1	51	5	355,7227	0,194612	1,346706	Extended synaptotagmin-1 OS=Mus musculus OX=10090 GN=Esyt1 PE=1 SV=2	3737,901	3388,593	2998,062	4029,936	3410,397	1523,263	3096,269	2480,526
P62301;A0A0U1RQ71;Q921R2	35	15	177,9179	0,194987	1,18465	40S ribosomal protein S13 OS=Mus musculus OX=10090 GN=Rps13 PE=1 SV=2	29895	21445,41	31754,24	31852,55	38041,67	35847,34	31441,36	30841,85
Q92511;H3BK90;H3BK16;V9GWS5	51	17	368,5839	0,195036	1,462847	ATPase family AAA domain-containing protein 3 OS=Mus musculus OX=10090 GN=Atad3 PE=1 SV=1	6179,4	12936,28	5909,21	5283,874	5443,978	6008,482	5275,938	3990,631
Q80X13;A0A0N4SVL0;A0A0R4J112;A2AMI2;A2AMI7;Z4YKC4	54	6	299,9915	0,195234	1,608681	Eukaryotic translation initiation factor 4 gamma 3 OS=Mus musculus OX=10090 GN=Eif4g3 PE=1 SV=2	1585,167	1611,168	734,6554	3608,471	4498,19	1511,746	3691,956	2426,695

Q8BU30;E9Q866;F6Q6R1	70	12	488,0912	0,19561	1,16593	Isoleucine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=lars1 PE=1 SV=2	6622,942	6528,181	5204,431	7479,289	9160,519	6607,341	7238,524	7115,235
E9PWEO;E0CYV0;F6TXE3;F6V9F1;F7D432;P23506	11	1	83,2554	0,196699	1,239406	Protein-L-isoaspartate O-methyltransferase OS=Mus musculus OX=10090 GN=Pcmt1 PE=1 SV=1	7272,986	5512,725	6566,23	8695,337	8196,87	6940,152	7360,559	7768,523
Q8CFI7	40	13	233,6995	0,197048	1,337684	DNA-directed RNA polymerase II subunit RPB2 OS=Mus musculus OX=10090 GN=Polr2b PE=1 SV=2	4344,881	3188,149	2515,625	5848,989	4450,993	4792,958	4432,64	4183,663
Q6PB93	27	2	158,9816	0,197442	1,251098	Polypeptide N-acetylgalactosaminyltransferase 2 OS=Mus musculus OX=10090 GN=Galnt2 PE=1 SV=1	6020,816	5393,702	5173,248	6541,019	8116,635	9273,784	6068,147	5477,807
P51660	35	6	236,5387	0,197474	1,229586	Peroxisomal multifunctional enzyme type 2 OS=Mus musculus OX=10090 GN=Hsd17b4 PE=1 SV=3	6309,1	5737,355	4336,735	4401,906	3493,11	4855,674	5159,517	3395,839
Q9Z204;A0A2I3BQH3	33	9	178,2999	0,197951	1,126444	Heterogeneous nuclear ribonucleoproteins C1/C2 OS=Mus musculus OX=10090 GN=Hnrnpc PE=1 SV=1	10059,09	8875,793	9013,662	8626,583	8524,434	10245,5	7328,303	8397,626
O89033	4	1	19,4516	0,198035	2,589281	Cell division control protein 6 homolog OS=Mus musculus OX=10090 GN=Cdc6 PE=1 SV=2	702,0106	1103,11	2750,406	372,4973	500,5835	383,0019	502,4125	517,2421
Q9QVP9	4	1	13,1805	0,198301	1,780188	Protein-tyrosine kinase 2-beta OS=Mus musculus OX=10090 GN=Ptk2b PE=1 SV=2	591,5508	180,1239	407,734	380,641	200,9875	151,7021	248,051	275,5993
O35226	14	5	109,614	0,198346	1,249843	26S proteasome non-ATPase regulatory subunit 4 OS=Mus musculus OX=10090 GN=Psm4 PE=1 SV=1	2530,897	3776,523	2697,253	2969,78	3439,063	3621,569	2221,881	2803,266
Q8VDM6	19	2	97,7731	0,19837	1,350912	Heterogeneous nuclear ribonucleoprotein U-like protein 1 OS=Mus musculus OX=10090 GN=Hnrnpul1 PE=1 SV=1	310,6118	354,7692	351,6126	370,3351	464,279	323,7912	478,447	581,3592
P01900	19	2	117,1317	0,199225	1,453565	H-2 class I histocompatibility antigen, D-D alpha chain OS=Mus musculus OX=10090 GN=H2-D1 PE=1 SV=1	192,3648	299,4776	311,3219	170,1385	106,6509	166,893	186,705	209,3482
Q6F3F9;A0A140LIH4;A0A571BEJ4	4	1	17,8259	0,199378	1,404872	Adhesion G-protein coupled receptor G6 OS=Mus musculus OX=10090 GN=Adgrg6 PE=1 SV=1	1338,665	964,3409	804,2594	1671,992	2168,478	1773,753	1657,875	1114,142
Q61464;A0A0N4SV38;A0A0N4SV80;A0A0N4SVI8;A0A0N4SVM8;E9QKZ7;E9QML5;Q3TZK9	70	10	427,3299	0,200182	1,255063	Zinc finger protein 638 OS=Mus musculus OX=10090 GN=Znf638 PE=1 SV=2	2740,511	3968,832	3087,224	3118,573	3966,086	5060,539	3946,298	3236,391
P30416;F6S2D5;F7CAT1	58	21	399,6545	0,200946	1,235967	Peptidyl-prolyl cis-trans isomerase FKBP4 OS=Mus musculus OX=10090 GN=Fkbp4 PE=1 SV=5	22196,18	15077,42	25290,81	27261,09	31199,92	28735,74	25975,4	25110,27
P97479;A0A0R4J113;A0A0U1RPX7;Q5MJ56	23	2	118,4993	0,201	1,416491	Unconventional myosin-VIIa OS=Mus musculus OX=10090 GN=Myo7a PE=1 SV=2	1327,185	1310,024	1230,373	1914,728	2116,788	2230,367	2385,098	1458,338

Q9CZX0;A0A286YDB8	31	3	180,3967	0,201605	1,094115	Elongator complex protein 3 OS=Mus musculus OX=10090 GN=Elp3 PE=1 SV=1	3623,883	3266,17	3717,91	3492,183	3594,983	3538,664	3314,893	3013,805
Q9EPL8	39	8	285,7289	0,201895	1,210867	Importin-7 OS=Mus musculus OX=10090 GN=Ipo7 PE=1 SV=2	5079,252	4048,423	5216,915	6436,031	6485,208	6758,14	5685,041	6234,177
Q00724;H7BWY6	6	2	35,7771	0,202315	2,039706	Retinol-binding protein 4 OS=Mus musculus OX=10090 GN=Rbp4 PE=1 SV=2	2560,623	5975,27	8788,58	3515,25	4252,625	2623	1422,201	1919,198
P09055	56	24	375,2116	0,203264	1,184649	Integrin beta-1 OS=Mus musculus OX=10090 GN=Itgb1 PE=1 SV=1	20780,98	15387,54	19610,16	21756,58	20024,27	18044,43	19398,89	17636,71
Q8CHY7;A0A140LHI7;E9QKU9	12	1	71,6697	0,20347	1,855693	Tetratricopeptide repeat protein 23 OS=Mus musculus OX=10090 GN=Ttc23 PE=1 SV=1	1203,726	501,7206	80,04484	1026,766	1606,805	764,7427	1101,145	1269,843
A0A0R4J1C3;A6QRF1;F2Z3W1	23	2	139,9935	0,203925	1,387026	Predicted gene, 43951 OS=Mus musculus OX=10090 GN=4933427D14Rik PE=1 SV=1	1461,676	2131,567	2600,187	3056,617	1870,553	2997,167	2325,953	2205,224
Q80TK0;A0A1D5RL96;D3YUW2;Q3TEGO	15	3	66,1855	0,203976	1,543807	AP2-interacting clathrin-endocytosis protein OS=Mus musculus OX=10090 GN=Kiaa1107 PE=1 SV=6	310,3539	288,2182	765,5586	341,1521	404,7951	404,9529	364,5879	583,7682
Q3UZ18	3	1	14,0352	0,204038	1,545133	Little elongation complex subunit 2 OS=Mus musculus OX=10090 GN=Ice2 PE=1 SV=2	38733,3	32406,6	17462,95	50372,86	61169,96	22528,42	33874,44	37746,93
P23116;A0A494B9I0	114	36	703,7824	0,204371	1,292292	Eukaryotic translation initiation factor 3 subunit A OS=Mus musculus OX=10090 GN=Eif3a PE=1 SV=5	14743,74	24242	16882,04	16829,13	16582,68	9932,184	14871,65	14867,72
Q8K021;D3YTP4;Q3TSA8	9	1	74,8893	0,20451	1,410268	Secretory carrier-associated membrane protein 1 OS=Mus musculus OX=10090 GN=Scamp1 PE=1 SV=1	1257,652	1029,372	1075,918	1250,763	1266,764	2720,516	1352,074	1154,048
Q68FL4;D3YX97;D3YYM7;E9PX77;F8WGT1;F8WI65;H3BKT5;H3BL31;Q80SW1	19	1	97,6626	0,204513	2,212753	Putative adenosylhomocysteinase 3 OS=Mus musculus OX=10090 GN=Ahcyl2 PE=1 SV=1	1269,305	550,6342	303,7356	567,1816	2554,33	465,9216	1747,393	1186,555
Q05CL8;A2AMDO	35	11	205,4876	0,204519	2,036955	La-related protein 7 OS=Mus musculus OX=10090 GN=Larp7 PE=1 SV=2	6388,39	2588,548	368,898	2444,715	5531,932	2474,207	4220,005	4263,647
Q60520;E9PXF9	7	1	36,4539	0,204963	1,316371	Paired amphipathic helix protein Sin3a OS=Mus musculus OX=10090 GN=Sin3a PE=1 SV=3	6327,761	6989,8	5743,407	8745,498	7081,828	4770,411	4888,036	5976,438
E9Q6R7;A0A1W2P8G5	83	12	412,9156	0,205082	1,093157	Utrophin OS=Mus musculus OX=10090 GN=Utrn PE=1 SV=1	3355,029	3491,726	3446,502	3180,195	3185,449	3581,754	2835,568	3157,823
Q9R0E2;A8Y5E6;F6WNR1	46	15	319,204	0,20509	7,770294	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1 OS=Mus musculus OX=10090 GN=Plod1 PE=1 SV=1	3860,773	7187,358	94722,99	4146,992	3051,221	5756,327	2726,342	3129,554
Q80VL1;A0A0G2JE08;A0A0G2JEH9;A0A0G2JFB2;A0A0G2JFE0;A0A0G2JFP5	28	5	211,8571	0,20541	1,128953	Tudor and KH domain-containing protein OS=Mus musculus OX=10090 GN=Tdrkh PE=1 SV=1	4117,518	3799,722	3549,202	4292,105	3901,619	3647,877	3319,589	3658,737
Q7TSJ2;A0A140LIT9;D3Z6W1	25	2	151,5343	0,205825	10,30756	Microtubule-associated protein 6 OS=Mus musculus OX=10090 GN=Map6 PE=1 SV=2	272,1314	7044,322	377,1631	255,1674	175,5736	255,4457	207,2177	132,9239

Q8K4G5;E9Q030;E9Q9C0; E9Q9C1;E9Q9C2;E9Q9C4; E9Q9C7;E9Q9D1;E9Q9D2; E9QK41	7	1	35,9362	0,206072	1,380252	Actin-binding LIM protein 1 OS=Mus musculus OX=10090 GN=Ablim1 PE=1 SV=1	736,9067	556,0241	640,1734	694,5584	446,769	721,545	813,6226	588,0296
P63005;Q5SW16	36	12	265,5466	0,206106	1,145337	Platelet-activating factor acetylhydrolase IB subunit beta OS=Mus musculus OX=10090 GN=Pafah1b1 PE=1 SV=2	9944,354	8812,553	8001,24	10033,2	12248,14	9316,614	11320,65	9253,093
Q62448;F7CBP1;G3XA17	58	9	326,2326	0,206192	1,232794	Eukaryotic translation initiation factor 4 gamma 2 OS=Mus musculus OX=10090 GN=Eif4g2 PE=1 SV=2	6140,009	6889,409	5214,095	4832,733	4217,862	6489,269	4575,213	4537,679
Q9EQY0	6	1	31,4257	0,206555	1,436838	Serine/threonine-protein kinase/endoribonuclease IRE1 OS=Mus musculus OX=10090 GN=Ern1 PE=1 SV=1	6917,526	11516,55	7141,842	7588,883	4950,656	9371,819	3155,513	5603,806
E9QL65;Q8CI04	3	1	17,3686	0,206689	1,942408	Component of oligomeric Golgi complex 3 OS=Mus musculus OX=10090 GN=Cog3 PE=1 SV=1	106,9849	96,21513	65,23988	158,954	66,03717	8,886844	71,38523	73,72382
Q9WUA3;D3YUA3;F6YL81; Q8C605	46	15	351,6135	0,207185	1,087991	ATP-dependent 6-phosphofructokinase, platelet type OS=Mus musculus OX=10090 GN=Pfkip PE=1 SV=1	12283,44	11958,54	13416,17	13431,43	15116,86	12900,21	13959,4	13244,92
Q8K273	1	1	4,9075	0,207888	1,476926	ER membrane protein complex subunit 5 OS=Mus musculus OX=10090 GN=Mmgt1 PE=1 SV=1	4433,942	2345,996	1948,488	3403,297	3981,652	5813,425	3929,381	4193,197
A0A1Y7VLP0;P56379	2	2	16,4024	0,207976	1,137931	ATP synthase membrane subunit 6.8PL (Fragment) OS=Mus musculus OX=10090 GN=Atp5mpl PE=1 SV=1	8315,597	6050,213	5911,522	6556,495	7405,424	7628,079	6661,689	8027,806
Q9CXL3;A0A0G2JEY4	10	5	66,9973	0,208018	1,74719	Uncharacterized protein C7orf50 homolog OS=Mus musculus OX=10090 PE=1 SV=3	935,4448	282,6988	299,1544	1442,093	1513,321	400,227	1379,809	1133,81
Q6P9K9;A0A5F8MPQ9;E9 Q2X2;E9Q3Q4;Q8C985	14	3	67,3828	0,208571	1,524905	Neurexin-3 OS=Mus musculus OX=10090 GN=Nrxn3 PE=1 SV=2	68,40202	56,02651	292,4709	63,53404	259,4864	196,0652	107,2483	169,8154
Q63918	10	2	48,1957	0,208853	12,71452	Caveolae-associated protein 2 OS=Mus musculus OX=10090 GN=Cavin2 PE=1 SV=3	959,8565	30527,47	25158,38	750,6239	1092,228	2299,628	1039,584	963,9122
Q8BMC4 P70399;A0A5H1ZRL7;A2A U90;F6QNC8;F6S5E4;F6VC K5	14	4	91,563	0,209109	1,63691	Nucleolar protein 9 OS=Mus musculus OX=10090 GN=Nop9 PE=1 SV=1	2322,091	1813,502	1999,973	2037,302	2135,406	3606,912	5640,96	1994,969
Q9QUR6	76	15	541,4294	0,209366	1,161118	TP53-binding protein 1 OS=Mus musculus OX=10090 GN=Tp53bp1 PE=1 SV=3	4094,444	3506,076	3890,756	4555,38	2957,311	4057,314	3318,087	3917,902
Q5SS90	50	8	312,757	0,209626	1,198162	Prolyl endopeptidase OS=Mus musculus OX=10090 GN=Prep PE=1 SV=1	5954,659	5985,383	5293,908	6685,829	8834,206	6919,054	6834,178	6072,34
Q9ESP1	2	1	9,6551	0,209678	2,838998	Uncharacterized protein C7orf57 homolog OS=Mus musculus OX=10090 GN=Gm11992 PE=1 SV=1	866,7739	1140,648	414,6428	594,8563	1340,194	5501,013	846,6529	877,1722
	13	3	83,6098	0,210348	1,172582	Stromal cell-derived factor 2-like protein 1 OS=Mus musculus OX=10090 GN=Sdf2l1 PE=1 SV=2	7036,465	6374,549	6065,866	6947,622	6443,647	6164,086	4969,307	4958,272

Q8VHX6	127	23	753,3657	0,211717	1,442683	Filamin-C OS=Mus musculus OX=10090 GN=Finc PE=1 SV=3	3473,279	5965,798	3449,026	4107,422	5391,036	3760,939	2991,103	2624,606
Q91W39;B7ZC23;B7ZC24	45	5	301,9971	0,211726	1,290826	Nuclear receptor coactivator 5 OS=Mus musculus OX=10090 GN=Ncoa5 PE=1 SV=1	890,8164	1173,15	1047,883	817,8873	779,2883	1343,267	1219,764	1636,393
A9C474	11	1	53,0824	0,21191	1,904984	RIKEN cDNA A630010A05 gene OS=Mus musculus OX=10090 GN=A630010A05Rik PE=1 SV=2	41,05114	12,43758	106,8629	79,00622	36,82757	29,5224	105,7332	86,3381
Q5QNQ9;V9GXJ0;V9GXJ7	22	2	116,2592	0,211958	1,662467	Collagen alpha-1(XXVII) chain OS=Mus musculus OX=10090 GN=Col27a1 PE=2 SV=1	138,9403	172,1118	48,47221	100,9976	71,75768	111,4699	232,2507	174,4193
Q9WU28;E9PVG3;E9PZ62; H7BWX1	12	3	111,1388	0,211987	1,32025	Prefoldin subunit 5 OS=Mus musculus OX=10090 GN=Pfdn5 PE=1 SV=1	2191,823	2954,502	2280,158	2544,46	2881,234	3626,373	2243,326	1983,647
G3X9J0;S4R2N4	35	4	168,1344	0,212217	1,241001	Signal-induced proliferation-associated 1-like protein 3 OS=Mus musculus OX=10090 GN=Sipa1l3 PE=1 SV=1	4344,338	5735,967	6504,667	4286,585	5158,273	3913,028	4526,941	3891,375
O09005	5	2	29,5458	0,212377	1,770333	Sphingolipid delta(4)-desaturase DES1 OS=Mus musculus OX=10090 GN=Degs1 PE=1 SV=1	112,4176	65,68123	96,76743	45,88806	9,175524	29,39318	100,0886	105,8779
P25976;A2AWT5;A2AWT6 ;A2AWT7;E9Q4A8	52	6	355,9453	0,212747	3,841924	Nucleolar transcription factor 1 OS=Mus musculus OX=10090 GN=Ubtf PE=1 SV=1	1218,919	1213,306	889,2562	943,8608	10001,42	3041,128	890,6037	914,7467
Q4VBE8	11	3	59,9151	0,212803	1,115419	WD repeat-containing protein 18 OS=Mus musculus OX=10090 GN=Wdr18 PE=1 SV=1	13777,72	12921,64	15582,29	13863,83	15816,21	15738,09	13806,89	12640,25
P63101;A0A2I3BQ03;D3YX F4;D3YXN6	63	21	344,5522	0,212857	1,145103	14-3-3 protein zeta/delta OS=Mus musculus OX=10090 GN=Ywhaz PE=1 SV=1	33177,33	31847,18	33661,27	38957,47	37572,05	33162,74	38167,52	33980,68
Q80TA6;G3UZ04;G3XA69	6	1	34,0175	0,212941	2,052839	Myotubularin-related protein 12 OS=Mus musculus OX=10090 GN=Mtmr12 PE=1 SV=2	520,9503	347,4982	131,0223	484,0737	739,9202	137,4488	646,9147	680,5667
J3KMU2	2	1	8,8097	0,213233	1,805217	Predicted gene, 21820 OS=Mus musculus OX=10090 GN=Gm21820 PE=4 SV=1	7440,844	1625,883	7093,431	9329,257	8736,26	9842,97	8425,909	8135,214
Q6P8I4;D3YWA4;F8WI88; Q3TM89	9	2	65,0121	0,213419	1,960621	PEST proteolytic signal-containing nuclear protein OS=Mus musculus OX=10090 GN=Pcnp PE=1 SV=1	4746,483	1020,142	89,81589	6062,922	7662,135	1523,463	6509,506	5509,954
Q5SXJ3	6	1	34,311	0,214102	1,184926	Fanconi anemia group J protein homolog OS=Mus musculus OX=10090 GN=Brip1 PE=2 SV=1	696,822	716,3498	784,5886	607,4713	715,6545	882,0873	604,1203	584,0384
Q6EJB6	18	1	104,8606	0,214106	1,252255	U3 small nucleolar RNA-associated protein 14 homolog B OS=Mus musculus OX=10090 GN=Utp14b PE=1 SV=2	456,3668	456,463	466,0783	508,9672	650,686	332,6734	480,6004	526,0633
Q9JIK5	102	33	655,3138	0,214347	1,263887	Nucleolar RNA helicase 2 OS=Mus musculus OX=10090 GN=Ddx21 PE=1 SV=3	27685,82	16152,45	20237,81	30286,37	33325,76	24837,84	27142,87	26796,45
P08032	25	6	141,0258	0,214479	1,562784	Spectrin alpha chain, erythrocytic 1 OS=Mus musculus OX=10090 GN=Spta1 PE=1 SV=3	2475,854	7037,918	3472,914	3199,817	2864,677	3096,543	2707,799	2051,399
Q8R2K3;D3Z3Y3	13	1	96	0,21481	1,162523	Single-stranded DNA-binding protein OS=Mus musculus OX=10090 GN=Ssbp1 PE=1 SV=1	427,974	454,809	507,4884	339,4093	366,8249	410,1663	340,6604	370,2166



A3KGU9;E9Q447	237	1	1703,897	0,214998	1,165308	Spectrin alpha chain, non-erythrocytic 1 OS=Mus musculus OX=10090 GN=Sptan1 PE=1 SV=2	1515,858	1474,602	1100,31	1524,375	1432,864	1357,254	1327,393	1168,229
P16546;A3KGU4;A3KGU5;A3KGU7	253	5	1810,864	0,214998	1,165308	Spectrin alpha chain, non-erythrocytic 1 OS=Mus musculus OX=10090 GN=Sptan1 PE=1 SV=4	21257,56	20679	15430,14	21377	20093,7	19033,38	18614,63	16382,6
P11370	20	1	137,4888	0,215601	1,143428	Retrovirus-related Env polyprotein from Fv-4 locus OS=Mus musculus OX=10090 GN=Fv4 PE=1 SV=2	1618,37	1302,633	1407,782	1620,668	1477,896	1493,734	1288,073	1245,782
Q60932;F2Z471	59	24	330,5896	0,215697	1,130526	Voltage-dependent anion-selective channel protein 1 OS=Mus musculus OX=10090 GN=Vdac1 PE=1 SV=3	113908,5	87613,42	107255	111213,7	97745	100543,8	88082,76	85128,67
O88712;A0A0J9YTW3;A0A0J9YU62;A0A0J9YU66;A0A0J9YUM4;A0A0J9YUR5;A0A0J9YV13	15	1	81,6949	0,216079	2,572147	C-terminal-binding protein 1 OS=Mus musculus OX=10090 GN=Ctbp1 PE=1 SV=2	423,3033	208,1083	142,0787	403,9541	1163,885	1180,808	501,2815	182,5854
Q8CH72;A2AGS1	3	1	18,917	0,216158	1,391276	E3 ubiquitin-protein ligase TRIM32 OS=Mus musculus OX=10090 GN=Trim32 PE=1 SV=2	1355,098	1282,254	988,4751	1508,27	2008,015	1238,176	1158,827	910,1871
Q9WUP7;A0A087WP81;A0A087WRL3	19	3	152,139	0,216315	1,389784	Ubiquitin carboxyl-terminal hydrolase isozyme L5 OS=Mus musculus OX=10090 GN=UchL5 PE=1 SV=2	1668,288	1213,776	897,7649	1120,752	1413,079	1848,581	916,4903	1702,555
Q9JMH6;A0A1W2P6U1	29	11	212,9956	0,216393	1,28395	Thioredoxin reductase 1, cytoplasmic OS=Mus musculus OX=10090 GN=Txnrd1 PE=1 SV=3	3892,32	2962,473	4652,376	5087,289	6553,046	4434,313	5663,281	4655,818
E9Q512;H3BJG4;Q8BVJ9	68	10	330,0616	0,216575	1,432655	Thyroid hormone receptor interactor 11 OS=Mus musculus OX=10090 GN=Trip11 PE=1 SV=1	3179,024	820,7188	1974,336	3360,551	3795,293	2441,698	3733,957	3402,361
P10126;D3YZ68;D3Z318	145	40	499,1553	0,216601	1,340865	Elongation factor 1-alpha 1 OS=Mus musculus OX=10090 GN=Eef1a1 PE=1 SV=3	45599,3	22778,51	57632,04	58114,71	69602,89	61952,71	57488,23	57842,31
F7D1Q2	1	1	4,2083	0,217075	1,416901	Transmembrane protein 44 (Fragment) OS=Mus musculus OX=10090 GN=Tmem44 PE=1 SV=1	2594,945	4510,114	2583,439	3474,787	3140,113	1951,333	2352,212	1846,535
Q5NCC9	3	2	13,903	0,217107	1,23732	E3 ubiquitin-protein ligase TRIM58 OS=Mus musculus OX=10090 GN=Trim58 PE=2 SV=1	575,5331	418,4119	659,773	620,3942	733,5811	399,7334	568,0175	594,6578
P10404	25	7	186,1384	0,217438	1,136585	MLV-related proviral Env polyprotein OS=Mus musculus OX=10090 PE=1 SV=3	9391,323	7716,416	8069,914	9582,742	8945,064	8681,038	7832,738	7463,129
Z4YJR1;D6RDS1;F6YC79;Q3U3R4	7	2	39,9742	0,217744	1,780998	Lipase maturation factor OS=Mus musculus OX=10090 GN=Lmf1 PE=1 SV=1	977,1907	1382,487	607,7189	917,3981	1825,468	2558,771	1075,291	804,6593
Q9JKC6	4	3	26,1976	0,217939	4,685128	Cell cycle exit and neuronal differentiation protein 1 OS=Mus musculus OX=10090 GN=Cend1 PE=1 SV=1	311,5989	2232,987	170,157	191,7075	115,9749	145,3729	211,1006	147,9083
Q6P8X1;A0A1W2P701	14	3	74,2904	0,218268	1,451829	Sorting nexin-6 OS=Mus musculus OX=10090 GN=Snx6 PE=1 SV=2	843,4876	1861,376	1123,13	807,5403	625,418	770,5271	831,8342	965,1126

Q3TLH4;A0A0A0MQ79;S4 R209;S4R294;S4R2E2;S4R2 J9;S4R2L9	102	23	573,369	0,218354	1,547052	Protein PRRC2C OS=Mus musculus OX=10090 GN=Prcc2c PE=1 SV=3 ATP synthase subunit O, mitochondrial	9716,852	3086,088	2896,975	13298,55	12532,27	5688,587	9011,067	9551,254
Q9DB20;A0A338P776;A0A 338P7G3;F6XVM5;F7D3P8	39	27	218,8742	0,219432	1,104903	OS=Mus musculus OX=10090 GN=Atp5po PE=1 SV=1 Mitochondrial import receptor subunit TOM40	39967,34	37971,22	35162,05	39034,02	39566,72	35226,17	30518,55	32379,01
Q9QYA2	13	1	80,7033	0,219548	1,622122	homolog OS=Mus musculus OX=10090 GN=Tomm40 PE=1 SV=3	2614,235	2570,619	2236,79	2613,583	1783,234	168,0235	2032,354	2219,727
Q9Z2G6;J3QJX3	9	1	45,6218	0,219737	1,555067	Protein sel-1 homolog 1 OS=Mus musculus OX=10090 GN=Sel1l PE=1 SV=2	7757,477	5088,624	1744,062	7634,405	12670,56	6930,761	8235,153	6724,223
Q91V12;E9PYH2	39	14	246,7994	0,219859	1,090665	Cytosolic acyl coenzyme A thioester hydrolase OS=Mus musculus OX=10090 GN=Acot7 PE=1 SV=2 U3 small nucleolar RNA-associated protein 15	20577,08	21127,29	22050,6	23186,15	25866,31	24101,75	23183,79	21671,81
Q8C7V3	9	4	62,0112	0,220275	1,256038	homolog OS=Mus musculus OX=10090 GN=Utp15 PE=1 SV=1 Ubiquitin-like modifier-activating enzyme 1	1450,098	1990,292	1793,52	1323,552	1064,573	1489,272	1282,29	1384,615
Q02053	84	23	542,3737	0,220289	1,221417	OS=Mus musculus OX=10090 GN=Ubat1 PE=1 SV=1	28369,78	27697,86	32485,71	28145,25	33597,19	38325,98	26192,36	22590,3
Q80YA7	2	1	12,3755	0,220316	2,301323	Dipeptidyl peptidase 8 OS=Mus musculus OX=10090 GN=Dpp8 PE=1 SV=1 Ubiquitin carboxyl-terminal hydrolase 14	601,3051	412,3767	611,2512	527,2276	345,6183	6,247595	291,1975	292,1208
Q9JMA1;E9PYI8	34	8	208,6966	0,220469	1,242462	OS=Mus musculus OX=10090 GN=Usp14 PE=1 SV=3	4216,294	2933,733	3828,007	4574,723	5109,68	3108,517	4376,53	4765,795
Q61390;B1AT05	23	2	132,0803	0,220488	1,135806	T-complex protein 1 subunit zeta-2 OS=Mus musculus OX=10090 GN=Cct6b PE=1 SV=4	12327,6	8566,828	12312,61	12630,26	12613,32	13288,36	12122,81	13032,91
E9QP09;S4R1Y1	20	4	109,9593	0,220593	1,435589	Cullin-9 OS=Mus musculus OX=10090 GN=Cul9 PE=1 SV=1 RING-type E3 ubiquitin-protein ligase PPIL2	1166,26	404,8263	256,2414	583,2992	1003,51	770,6063	744,4224	942,1318
Q9D787	3	2	18,5407	0,221308	1,584289	OS=Mus musculus OX=10090 GN=Ppil2 PE=1 SV=2	278,0633	155,3593	116,9694	312,3476	241,5898	102,4607	335,0437	320,777
Q61330	1	1	4,1062	0,222872	2,655076	Contactin-2 OS=Mus musculus OX=10090 GN=Cntn2 PE=1 SV=2	19,73867	80,21076	70,37356	92,8816	19,59646	205,4726	236,7702	102,8082
Q3THS6;A0A0U1RNK6;A0 A0U1RNT6;A0A0U1RQ95; A0A0U1RQB0;Q91X83	22	4	136,2406	0,222899	1,333028	S-adenosylmethionine synthase isoform type-2 OS=Mus musculus OX=10090 GN=Mat2a PE=1 SV=2	3843,815	1713,812	4226,214	2646,402	4716,511	3976,076	3766,508	4110,766
Q8CCF0	12	3	57,6029	0,22321	3,166209	U4/U6 small nuclear ribonucleoprotein Prp31 OS=Mus musculus OX=10090 GN=Prpf31 PE=1 SV=3	652,6214	4781,28	3177,856	820,9027	1224,373	1733,661	750,7914	725,4901
E9PX68;E9Q1Q0;E9Q585	8	1	36,4243	0,223552	1,319281	Solute carrier family 4 (anion exchanger), member 1, adaptor protein OS=Mus musculus OX=10090 GN=Slc4a1ap PE=1 SV=1	5076,222	4770,374	4648,782	8169,97	7584,401	3779,175	7098,128	4820,505

Q3U1Q3	6	1	28,1677	0,223602	1,614294	Runt-related transcription factor OS=Mus musculus OX=10090 GN=Runx3 PE=1 SV=1	138,602	170,539	236,3346	133,1905	143,9133	174,8825	308,3263	173,419
Q9ES00;A0A571BD95;A0A5F8MP95;G3UZD6	15	3	69,0242	0,223749	1,514211	Ubiquitin conjugation factor E4 B OS=Mus musculus OX=10090 GN=Ube4b PE=1 SV=3	472,2812	116,3594	104,6039	439,2163	545,2259	278,8363	431,7569	385,7326
C3S7Q5	14	1	81,4744	0,224166	2,619229	Ojoplano variant A OS=Mus musculus OX=10090 GN=Ofcc1 PE=2 SV=1	1633,965	2,646418	13,54613	1628,301	2140,75	23,60509	1719,764	1667,795
P70696	22	1	113,8559	0,22437	1,415238	Histone H2B type 1-A OS=Mus musculus OX=10090 GN=H2bc1 PE=1 SV=3	1008,288	352,0391	1210,282	1049,622	1007,15	1074,497	933,38	981,6146
Q71LX4;A0A1L1SQ51;A0A1L1SR1;E9PUM4	44	4	235,8176	0,224673	1,189966	Talin-2 OS=Mus musculus OX=10090 GN=Tln2 PE=1 SV=3	11728,8	9766,096	9673,493	12647,63	10501,79	9721,199	8736,939	9139,794
P35980;A0A1B0GQU8;A0A1B0GRZ3;A0A1B0GS28;A0A1B0GSA8;A0A1B0GSF7;A0A1B0GSS8	32	19	157,6903	0,224913	1,248543	60S ribosomal protein L18 OS=Mus musculus OX=10090 GN=Rpl18 PE=1 SV=3	16814,54	9140,903	17578,26	17382,87	20475,27	18712,39	19956,06	16913,22
H7BX79;A0A1W2P6T8;G8JL71;Q0VG85	4	1	24,6067	0,22525	2,018002	Coiled-coil domain-containing protein 162 OS=Mus musculus OX=10090 GN=Ccdc162 PE=1 SV=2	400,6051	1622,831	793,6402	380,2956	559,8475	450,6033	405,7807	326,1027
Q8R429	56	6	382,8161	0,225378	1,215803	Sarcoplasmic/endoplasmic reticulum calcium ATPase 1 OS=Mus musculus OX=10090 GN=Atp2a1 PE=1 SV=1	2058,796	1882,712	1613,239	2504,916	1915,422	1428,967	1762,044	1522,652
Q8VE37;A2CER2;Q6PFB2	26	11	183,9903	0,225428	1,134836	Regulator of chromosome condensation OS=Mus musculus OX=10090 GN=Rcc1 PE=1 SV=1	14798,12	13459,63	12441,13	13504,17	11070,65	15188,71	11254,4	12068,6
P50136;Q3U3J1	5	1	30,6908	0,225577	1,294942	2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=Bckdha PE=1 SV=1	1091,706	1383,565	1076,369	1132,837	1006,816	1593,046	1043,209	757,7182
Q8VI33	6	1	36,8557	0,225641	10,55569	Transcription initiation factor TFIID subunit 9 OS=Mus musculus OX=10090 GN=Taf9 PE=1 SV=1	148,8446	2522,036	6676,47	213,9302	362,5973	849,2302	158,2144	418,3915
Q3TIX9	30	9	187,1027	0,226019	1,232353	U4/U6.U5 tri-snRNP-associated protein 2 OS=Mus musculus OX=10090 GN=Usp39 PE=1 SV=2	3534,099	3588,987	3446,433	3931,479	4127,869	5588,212	3456,854	3479,883
Q3UMY5;A0A0R4J0H0;A0A0R4J1G7;A0A3Q4EHV9;A7ISP9;F8WJ93	13	2	72,1254	0,226539	1,633023	Echinoderm microtubule-associated protein-like 4 OS=Mus musculus OX=10090 GN=Eml4 PE=1 SV=1	722,672	83,63259	606,6512	871,9604	897,0351	744,448	784,521	842,1969
P14131	30	21	166,1477	0,22668	1,112094	40S ribosomal protein S16 OS=Mus musculus OX=10090 GN=Rps16 PE=1 SV=4	26889,12	29044,79	28665,41	29378,69	33940,7	30496,39	28244,36	26380,18
V9GWT1	2	1	8,8487	0,226815	2,327453	Reproductive homeobox 3F (Fragment) OS=Mus musculus OX=10090 GN=Rhox3f PE=4 SV=1	1107,649	509,2143	246,5377	1162,699	1152,002	3912,424	1086,993	891,6835
Q64727	73	16	479,7899	0,227293	1,331558	Vinculin OS=Mus musculus OX=10090 GN=Vcl PE=1 SV=4	7860,006	6550,895	5874,617	10247,2	11312,03	7541,916	7663,361	10420,02
Q9R0P5	14	7	98,3828	0,227589	1,501068	Dextrin OS=Mus musculus OX=10090 GN=Dstn PE=1 SV=3	3681,187	8384,38	3584,126	3726,117	3563,983	4428,326	3210,003	2712,123

P27659;A0A087WQK0;A0A2R8VHN4	35	9	258,4628	0,228048	1,232032	60S ribosomal protein L3 OS=Mus musculus OX=10090 GN=Rpl3 PE=1 SV=3	19045,58	13642,5	20414,94	22999,26	28669,01	19548,56	23795,63	21747,25
Q9JHW4;A0A0N4SUV6;A0A0N4SVA4	5	1	31,0213	0,228648	2,705484	Selenocysteine-specific elongation factor OS=Mus musculus OX=10090 GN=Eefsec PE=1 SV=2	0	116,7999	42,43734	134,3829	171,4061	22,88157	293,2162	255,6589
P62259;D6REF3;F6WA09	49	15	304,9463	0,228867	1,179662	14-3-3 protein epsilon OS=Mus musculus OX=10090 GN=Ywhae PE=1 SV=1	27162,04	21371,52	29354,05	33059,47	38780,61	30291,61	31388,6	28799,92
Q9DAW6	20	7	144,0124	0,228957	1,126851	U4/U6 small nuclear ribonucleoprotein Prp4 OS=Mus musculus OX=10090 GN=Prpf4 PE=1 SV=1	3310,169	3147,788	3276,837	4050,004	3510,55	4168,067	3699,938	4154,861
Q91WM1	36	1	225,3381	0,229116	1,532854	Spermatid perinuclear RNA-binding protein OS=Mus musculus OX=10090 GN=Strbp PE=1 SV=1	465,7117	693,2094	351,3467	511,6766	802,7447	758,8512	509,2287	346,5245
P20108	24	11	150,4964	0,229323	1,161101	Thioredoxin-dependent peroxide reductase, mitochondrial OS=Mus musculus OX=10090 GN=Prdx3 PE=1 SV=1	24660,26	19823,35	19922,84	24975,71	22157,35	20577,08	17310,09	16936,02
Q8K298	7	1	40,1435	0,229427	1,427288	Anillin OS=Mus musculus OX=10090 GN=Anln PE=1 SV=2	1044,975	1226,226	1057,066	1125,799	290,2836	970,2254	946,704	1276,797
Q3URS9	15	4	99,7983	0,229641	1,340141	Mitochondrial potassium channel OS=Mus musculus OX=10090 GN=Ccdc51 PE=1 SV=1	580,2049	514,8655	463,9619	1124,232	957,5079	551,656	812,3158	908,9335
Q3V036	4	1	17,8548	0,230342	1,339341	Coiled-coil domain-containing protein 27 OS=Mus musculus OX=10090 GN=Ccdc27 PE=2 SV=1	8534,526	16765,8	9569,646	13040,7	19064,63	16281,84	14280,15	12021,01
Q9JLM8;A0A0G2JE54;A0A0G2JGH1;A0A0G2JGQ6;A0A0G2JGR9;Q80VB6;Q8CCN4	20	4	92,3997	0,230342	1,173881	Serine/threonine-protein kinase DCLK1 OS=Mus musculus OX=10090 GN=Dclk1 PE=1 SV=1	3841,858	4273,137	3597,222	4648,35	5698,5	4532,435	4583,086	4391,342
Q80XJ3	13	1	61,305	0,230414	1,361177	Tetratricopeptide repeat protein 28 OS=Mus musculus OX=10090 GN=Ttc28 PE=1 SV=3	456,0339	756,783	613,1886	695,1854	544,861	681,9726	514,7825	362,7282
P26041	71	18	516,501	0,230699	1,077873	Moesin OS=Mus musculus OX=10090 GN=Msn PE=1 SV=3	15453,36	15421,18	15921,3	15714,35	16209,83	15542,95	13539,49	13549,25
Q9CR51	15	5	116,3058	0,231145	1,528409	V-type proton ATPase subunit G 1 OS=Mus musculus OX=10090 GN=Atp6v1g1 PE=1 SV=3	2239,271	1985,683	889,4231	2527,58	2251,892	1000,136	2502,702	2881,85
P70403;H3BJ26;H3BJN3;H3BKT0;H3BLJ7	15	1	77,3533	0,231158	1,374388	Protein CASP OS=Mus musculus OX=10090 GN=Cux1 PE=1 SV=2	3050,925	2247,882	1773,089	3742,779	4947,295	3112,473	3641,785	3162,001
O70305;A0A286YDU2;E9QM77;F6U2C2;F7B6X4	31	6	157,4736	0,232187	1,340483	Ataxin-2 OS=Mus musculus OX=10090 GN=Atxn2 PE=1 SV=1	3983,589	4640,955	3805,974	5396,538	6563,322	7409,61	3520,556	5524,922
Q52KB6	5	1	28,9923	0,232253	1,288627	C2 domain-containing protein 3 OS=Mus musculus OX=10090 GN=C2cd3 PE=1 SV=3	2685,717	2358,774	2182,569	3075,539	3422,918	3353,156	2559,369	2413,226
Q8K1R3	37	6	242,435	0,232344	1,192281	Polyribonucleotide nucleotidyltransferase 1, mitochondrial OS=Mus musculus OX=10090 GN=Pnpt1 PE=1 SV=1	3311,112	3333,373	2841,735	3332,513	2021,093	2336,533	3082,994	3310,812

Q68ED2;G5E8D5	14	3	86,4673	0,232493	1,408227	Metabotropic glutamate receptor 7 OS=Mus musculus OX=10090 GN=Grm7 PE=1 SV=1	1243,055	1413,942	949,4083	1036,93	998,6371	1231,747	624,8991	442,0083
Q61771	12	1	61,418	0,232913	1,338793	Kinesin-like protein KIF3B OS=Mus musculus OX=10090 GN=Kif3b PE=1 SV=1	174,8895	223,2152	167,239	272,5569	134,4383	163,3752	197,1541	207,4745
Q69ZA1;A0A1Y7VLM0;A0A1Y7VNQ1	19	2	105,9596	0,233305	1,389289	Cyclin-dependent kinase 13 OS=Mus musculus OX=10090 GN=Cdk13 PE=1 SV=3	2202,091	1195,26	2924,408	3083,759	4563,108	2965,482	2663,897	2874,496
Q8BH79	2	2	9,4482	0,233502	1,201148	Anoctamin-10 OS=Mus musculus OX=10090 GN=Ano10 PE=1 SV=1	4935,525	3826,821	3751,334	3803,025	3792,906	4062,696	3141,983	2586,668
Q6ZWQ5;O70493;Q3TGS7;Q3V2H3	4	1	18,1553	0,233994	1,170206	Sorting nexin-12 OS=Mus musculus OX=10090 GN=Snx12 PE=1 SV=1	1144,215	1229,469	1256,874	1203,113	1442,353	1533,434	1226,755	1029,723
Q8BJW6;D3YZZ6;D6RFN2;D6RGA6	38	12	251,9461	0,234176	1,188234	Eukaryotic translation initiation factor 2A OS=Mus musculus OX=10090 GN=Elf2a PE=1 SV=2	2704,715	3170,694	3853,764	2847,22	4321,724	3369,12	3273,57	3979,285
Q9ER73;A2A414	7	1	32,8778	0,23459	1,694905	Elongator complex protein 4 OS=Mus musculus OX=10090 GN=Elp4 PE=1 SV=2	134,6166	167,0996	52,00855	62,84079	123,8093	83,54018	51,58431	119,3489
P30681;A0A1B0GQX9	45	18	232,1738	0,234615	1,375114	High mobility group protein B2 OS=Mus musculus OX=10090 GN=Hmgb2 PE=1 SV=3	19230,04	6290,432	12093,66	19333,42	24075,19	15045,71	20939,71	18248,78
P99024;G3UZR1	188	13	691,776	0,234914	1,264058	Tubulin beta-5 chain OS=Mus musculus OX=10090 GN=Tubb5 PE=1 SV=1	6929,537	5541,462	7487,556	9525,685	9219,514	7780,431	9222,271	11047,57
Q8K2C7	9	1	47,3251	0,235448	1,443972	Protein OS-9 OS=Mus musculus OX=10090 GN=Os9 PE=1 SV=2	346,1612	567,6087	693,4947	462,7004	646,2299	455,2378	859,4946	642,9868
O70589;A0A067XG53;F6ZQR2	10	2	59,2356	0,23545	1,248023	Peripheral plasma membrane protein CASK OS=Mus musculus OX=10090 GN=Cask PE=1 SV=2	366,7749	435,5896	474,6878	426,0384	431,4735	418,4644	693,8886	581,6695
A7XUY5;E9Q072;E9Q4T3;K4DID5	22	1	106,0696	0,235875	1,387714	Selection and upkeep of intraepithelial T-cells protein 5 OS=Mus musculus OX=10090 GN=Skint5 PE=2 SV=1	114,5198	150,309	124,2146	152,4509	78,64665	126,6044	148,8134	117,5353
Q9CW03	99	16	688,0409	0,236588	1,252876	Structural maintenance of chromosomes protein 3 OS=Mus musculus OX=10090 GN=Smc3 PE=1 SV=2	4671,891	5724,763	4223,242	5681,827	5448,992	4047,025	4409,562	3232,761
Q03173;A0A0A6YW06;A0A0A6YXC8;E9QKQ9;E9QKR1;E9QLZ9;J3QNM3	23	1	120,7626	0,236675	1,605412	Protein enabled homolog OS=Mus musculus OX=10090 GN=Enah PE=1 SV=2	272,4713	291,837	220,4727	96,86793	150,8674	375,6798	283,0735	448,0759
Q8BWA8;A2A832	10	1	62,8184	0,237236	1,287711	Rho guanine nucleotide exchange factor 19 OS=Mus musculus OX=10090 GN=Arhgef19 PE=1 SV=1	845,4118	770,1395	925,1915	860,2144	1214,167	761,4095	897,2535	722,6719
Q62226	4	1	18,2432	0,237634	1,298457	Sonic hedgehog protein OS=Mus musculus OX=10090 GN=Shh PE=1 SV=2	440,2753	452,2954	328,7237	526,4276	291,3576	459,9393	315,5679	279,1344
Q8C6J9;A0A1B0GSN1;F6SI62	2	1	9,4661	0,23774	1,388237	NACHT, LRR and PYD domains-containing protein 4B OS=Mus musculus OX=10090 GN=Nlrp4b PE=2 SV=1	234,8676	171,3554	304,8096	198,0544	100,9388	301,0641	99,19914	158,7201
Q9QZQ8	33	12	176,7579	0,23802	1,111913	Core histone macro-H2A.1 OS=Mus musculus OX=10090 GN=Macroh2a1 PE=1 SV=3	14586,86	14001,23	12306,99	13945,25	12371,22	14456,44	10866,16	11626,9

Q00899 E9QNN1;AOA087WPL5;AO A0R4J2C3;O70133;Q3UR4 2	2	1	9,2253	0,238202	1,280126	Transcriptional repressor protein YY1 OS=Mus musculus OX=10090 GN=Yy1 PE=1 SV=1	200,8418	141,6897	160,0621	153,1526	167,9649	105,6977	170,3575	194,5402
P63242;AOA0A0MQM0;J3 QPS8;Q8BGY2	98	40	763,9224	0,239397	1,118942	DEAH box protein 9 OS=Mus musculus OX=10090 GN=Dhx9 PE=1 SV=1 Eukaryotic translation initiation factor 5A-1 OS=Mus musculus OX=10090 GN=Eif5a PE=1 SV=2	39677,87	38140,66	37102	38598,49	39165,02	36817,05	31416	29802,14
Q9DC61;A2AIW9	32	7	224,7234	0,240945	1,762326	Mitochondrial-processing peptidase subunit alpha OS=Mus musculus OX=10090 GN=Pmpca PE=1 SV=1	3688,052	1301,67	1367,905	7471,588	6674,303	1351,557	4437,985	4149,993
P63276	20	5	150,0486	0,241246	1,137683	40S ribosomal protein S17 OS=Mus musculus OX=10090 GN=Rps17 PE=1 SV=2	13585,54	12766,7	13486,14	17282,88	15931,62	13559,84	14844,69	15740,02
Q9QZD4;F7A043	4	1	19,8396	0,241686	27,70739	DNA repair endonuclease XPF OS=Mus musculus OX=10090 GN=Ercc4 PE=1 SV=3	15,8153	1109,663	1853,132	45,95101	195,0099	171,9612	8,233673	22,92546
Q4VA53;F8WHU5 P01901;AOA0B4J1G3;AOA 494B9G8;AOA494BA33;AO A494BAT0;G3UXW2;Q3TH 01	64	15	439,0185	0,242529	1,235276	Sister chromatid cohesion protein PDS5 homolog B OS=Mus musculus OX=10090 GN=Pds5b PE=1 SV=1	2751,444	2681,229	2496,635	2782,777	1248,136	2338,345	2551,65	2533,684
P28656;Q3TF41;Q8BSH9	22	3	125,9615	0,242604	1,197602	H-2 class I histocompatibility antigen, K-B alpha chain OS=Mus musculus OX=10090 GN=H2-K1 PE=1 SV=1	4046,216	4014,416	2933,196	3797,263	4988,906	3388,23	4615,793	4720,905
Q9D824;D3Z3F1	23	8	187,5585	0,242774	1,124633	Nucleosome assembly protein 1-like 1 OS=Mus musculus OX=10090 GN=Nap111 PE=1 SV=2 Pre-mRNA 3'-end-processing factor FIP1 OS=Mus musculus OX=10090 GN=Fip111 PE=1 SV=1	50685,99	48507,02	54512,64	56618,44	69921,44	57331,06	55113,44	54171,46
Q99LE6	12	2	86,2571	0,242925	1,383413	ATP-binding cassette sub-family F member 2 OS=Mus musculus OX=10090 GN=Abcf2 PE=1 SV=1	1275,001	402,7337	1147,526	1066,945	1030,221	1017,776	871,3409	1162,754
A2ADR8;Q8R3G1	21	4	138,2301	0,24396	1,139828	Nuclear inhibitor of protein phosphatase 1 OS=Mus musculus OX=10090 GN=Ppp1r8 PE=1 SV=1	1686,848	1717,087	1905,516	1581,793	1499,809	1439,539	1826,772	1279,741
P09103;E9Q8G8	7	3	31,3938	0,244056	1,182959	Protein disulfide-isomerase OS=Mus musculus OX=10090 GN=P4hb PE=1 SV=2	693,8395	730,1674	613,2649	622,3962	659,6597	785,3734	720,3059	556,3583
Q8K3X4	125	58	692,9976	0,244356	1,092802	Probable E3 ubiquitin-protein ligase IRF2BPL OS=Mus musculus OX=10090 GN=Irf2bpl PE=1 SV=1	62554,29	59047,25	54754,35	59466,6	51115,58	61894,06	49800,73	52985,82
Q9D871	6	1	29,3271	0,244701	1,529293	Carcinoembryonic antigen-related cell adhesion molecule 18 OS=Mus musculus OX=10090 GN=Ceacam18 PE=2 SV=1	164,9797	134,8074	102,9748	166,2863	130,9506	282,7039	219,7169	157,7453
	3	1	14,1773	0,245176	46,13257		537,86	482,3561	3540,434	38,85728	4,742011	8860,973	277,6704	37,51689

Q8BLN5	37	9	252,1247	0,245504	1,341958	Lanosterol synthase OS=Mus musculus OX=10090 GN=Lss PE=1 SV=2	2608,267	1221,493	1303,122	2793,318	3018,632	1851,21	2275,526	2348,151
Q8VDF2;E9Q5Y5	53	14	389,7329	0,245874	1,33097	E3 ubiquitin-protein ligase UHRF1 OS=Mus musculus OX=10090 GN=Uhrf1 PE=1 SV=2	3175,529	4460,248	2583,061	3980,211	3449,212	2801,736	2171,953	2245,297
Q05915	5	1	28,0209	0,246122	1,19751	GTP cyclohydrolase 1 OS=Mus musculus OX=10090 GN=Gch1 PE=1 SV=1	337,1713	392,3119	509,5224	418,2377	435,447	433,4655	465,5086	463,9688
Q8ROY6;A0A0N4SW56	31	4	172,0351	0,24642	1,399402	Cytosolic 10-formyltetrahydrofolate dehydrogenase OS=Mus musculus OX=10090 GN=Aldh1l1 PE=1 SV=1	852,3737	762,1962	525,4253	967,9007	1031,755	787,2501	1255,601	1274,589
Q8JZR0	28	4	163,9253	0,246422	1,373258	Long-chain-fatty-acid--CoA ligase 5 OS=Mus musculus OX=10090 GN=Acs15 PE=1 SV=1	1826,898	815,2094	2262,528	2303,494	3043,905	2515,476	2235,332	2103,906
Q9ER72	42	5	246,227	0,246587	1,288766	Cysteine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Cars1 PE=1 SV=2	10879,72	6619,65	6182,647	12212,95	15090,21	8268,341	10873,44	11128,2
P29387	23	1	132,5835	0,246729	2,090652	Guanine nucleotide-binding protein subunit beta-4 OS=Mus musculus OX=10090 GN=Gnb4 PE=1 SV=4	264,5424	96,06675	54,51456	99,11378	95,5236	126,8147	172,8472	67,13512
P19783;D6RG40;M0QWX7	32	13	230,2439	0,246743	1,136213	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial OS=Mus musculus OX=10090 GN=Cox4i1 PE=1 SV=2	39981,47	37234,39	35508,14	38523,59	38137,35	38857,72	29811,38	29407,59
Q3UJBO;A0A494B9S9	46	15	310,4141	0,246932	1,149753	Splicing factor 3b, subunit 2 OS=Mus musculus OX=10090 GN=Sf3b2 PE=1 SV=1	15882,95	16583,34	11192,8	14983,21	16406,81	16154,13	13657,51	13170,05
F8VFN4	6	1	35,36	0,247113	3,615713	Glycogen debrancher OS=Mus musculus OX=10090 GN=Ag1 PE=1 SV=1	862,6985	747,5175	572,3204	594,6941	4437,575	625,4919	508,8492	499,4378
Q8BVQ5;A0A140LI84	14	1	96,1801	0,247236	2,084666	Protein phosphatase methylesterase 1 OS=Mus musculus OX=10090 GN=Ppme1 PE=1 SV=5	844,7634	770,5219	837,7155	833,9264	3243,475	939,171	831,8421	690,579
Q8CG73	4	1	25,6206	0,247259	1,311875	Protein fantom OS=Mus musculus OX=10090 GN=Rpgrip1l PE=1 SV=2	3852,646	3665,831	3192,402	4638,784	4757,229	4889,761	5296,732	4367,646
P09411;S4R2M7	56	22	378,1903	0,247388	1,18265	Phosphoglycerate kinase 1 OS=Mus musculus OX=10090 GN=Pgk1 PE=1 SV=4	9355,268	9691,325	8447,041	11652,76	14686,58	9873,409	11070,05	10666,44
P62962;J3QMC2;Q5SX49	29	16	192,7707	0,247514	1,214779	Profilin-1 OS=Mus musculus OX=10090 GN=Pfn1 PE=1 SV=2	20781,49	16506,43	18330,84	28614,77	30509,53	22846,63	23466,78	23584,7
Q501J6;Q3TU25;Q3U741	59	7	379,8557	0,247606	1,299154	Probable ATP-dependent RNA helicase DDX17 OS=Mus musculus OX=10090 GN=Ddx17 PE=1 SV=1	7984,789	4145,621	5115,306	8971,652	8436,88	4531,775	6975,701	6916,973
H7BX60	3	2	11,0502	0,247738	2,493118	Protection of telomeres protein 1 OS=Mus musculus OX=10090 GN=Pot1b PE=1 SV=1	25715,33	1037,378	326,3388	24387,45	30859,49	650,9629	20460,59	20178,9
P62830;A2A6F8	18	7	111,8334	0,247839	1,312759	60S ribosomal protein L23 OS=Mus musculus OX=10090 GN=Rpl23 PE=1 SV=1	21080,34	16374,02	12837,11	22807,02	26761,04	16696,35	24446,03	23190,29
A0A3Q4EIC8	4	1	17,3615	0,247871	2,871034	Vomeroneasal 2, receptor 129 OS=Mus musculus OX=10090 GN=Vmn2r129 PE=4 SV=1	2397,596	0	2223,436	2513,584	2719,268	5020,1	2964,536	4837,391
O08795	36	14	192,248	0,247899	1,316484	Glucosidase 2 subunit beta OS=Mus musculus OX=10090 GN=Prkcs PE=1 SV=1	33720,48	13604,81	33280,09	33243,21	38477,46	35387,84	29183,82	33026,54

O35841	34	8	217,4934	0,248595	2,61539	Apoptosis inhibitor 5 OS=Mus musculus OX=10090 GN=Api5 PE=1 SV=2	2504,687	10759,91	1560,431	3098,595	1644,188	881,4833	2039,504	2287,961
Q61753;F6ZSB7	41	16	310,3924	0,249208	1,241195	D-3-phosphoglycerate dehydrogenase OS=Mus musculus OX=10090 GN=Phgdh PE=1 SV=3	34760,47	24917,95	31285,88	37408,51	48113,15	45517,01	34957,85	30747,71
Q9EQH3	42	9	278,1844	0,249231	1,191155	Vacuolar protein sorting-associated protein 35 OS=Mus musculus OX=10090 GN=Vps35 PE=1 SV=1	1174,758	1512,346	1162,09	1212,39	1426,993	877,16	1004,889	940,2673
Q8K0D5	49	12	303,4224	0,249405	1,084627	Elongation factor G, mitochondrial OS=Mus musculus OX=10090 GN=Gfm1 PE=1 SV=1	10141,06	10939,28	10202,67	11717,94	11939,32	10979,92	10214,28	10491,01
P97351	58	23	386,6454	0,249453	1,113277	40S ribosomal protein S3a OS=Mus musculus OX=10090 GN=Rps3a PE=1 SV=3	22157,45	22791,84	24903,51	25997,47	26801,26	24648,91	24377,38	21225,1
P56399;D3YYA5;D3Z4K7;Q 3U4W8	57	18	364,2053	0,249585	1,198705	Ubiquitin carboxyl-terminal hydrolase 5 OS=Mus musculus OX=10090 GN=Usp5 PE=1 SV=1	9488,968	7356,622	10827,15	12462,66	13479,56	11165,65	11894,39	11570,89
Q99LI5	13	2	84,2774	0,249607	1,504972	Zinc finger protein 281 OS=Mus musculus OX=10090 GN=Znf281 PE=1 SV=1	216,5003	213,9468	257,3286	446,2457	655,5026	185,8642	476,0366	389,2669
P70392;F7B9R2	6	1	37,6893	0,24965	1,497719	Ras-specific guanine nucleotide-releasing factor 2 OS=Mus musculus OX=10090 GN=Rasgrf2 PE=1 SV=2	7992,887	1070,124	492,074	7698,53	9338,139	5250,121	5702,234	5550,572
Q9CY73	6	1	39,7956	0,250754	2,079504	39S ribosomal protein L44, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl44 PE=1 SV=3	659,2404	162,9165	107,0679	563,3365	316,7696	103,3224	530,1287	1001,017
Q6PIX9;A2A6P6	10	5	48,8022	0,251204	1,251972	Uncharacterized protein C17orf80 homolog OS=Mus musculus OX=10090 GN=D11Wsu47e PE=2 SV=3	1831,519	2537,481	2410,075	1522,183	2148,889	1551,901	1384,197	1634,861
A0A1B0GRP7;A0A1B0GSP 5;Q9Z2Y8	6	1	42,2738	0,251564	1,345628	Pyridoxal phosphate homeostasis protein (Fragment) OS=Mus musculus OX=10090 GN=Plpbp PE=1 SV=1	4179,339	8225,055	4164,096	5296,341	4867,751	4724,76	3555,789	4089,451
Q8K4L0	16	2	87,9337	0,251829	2,618957	ATP-dependent RNA helicase DDX54 OS=Mus musculus OX=10090 GN=Ddx54 PE=1 SV=1	268,7956	45,13084	42,81251	343,9092	40,04819	52,34443	94,09894	150,2529
Q9CR16	34	6	218,1941	0,252379	1,34207	Peptidyl-prolyl cis-trans isomerase D OS=Mus musculus OX=10090 GN=Ppid PE=1 SV=3	5572,758	2300,618	5098,85	8034,181	7356,775	6501,528	7969,046	6364,72
P14152;A0A5F8MPN8;B1A TQ3	34	11	263,2943	0,252949	1,114299	Malate dehydrogenase, cytoplasmic OS=Mus musculus OX=10090 GN=Mdh1 PE=1 SV=3	23644	21921,96	25537,57	28141,32	27874,85	27776,83	28178,81	23297,07
P57716	19	4	92,8979	0,253045	1,133273	Nicastrin OS=Mus musculus OX=10090 GN=Ncstn PE=1 SV=3	1473,824	1466,526	1290,367	1456,386	1234,928	1467,882	1073,485	1242,003
G3X963	45	5	264,6853	0,253667	1,20043	ATPase family AAA domain-containing protein 2 OS=Mus musculus OX=10090 GN=Atad2 PE=1 SV=1	5989,158	5644,921	3995,3	5319,959	5471,11	4796,856	3825,029	3949,632
A0A0U1RNJ1	170	2	1186,154	0,254031	1,587889	Fatty acid synthase OS=Mus musculus OX=10090 GN=Fasn PE=1 SV=1	574,4763	1104,465	763,9215	462,596	536,7384	556,9004	599,9773	170,9382



A0A0A6YW89	3	1	16,5646	0,25405	1,703217	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 OS=Mus musculus OX=10090 GN=Pfkfb3 PE=1 SV=1	2121,305	342,3685	1845,435	820,8027	1241,078	1426,407	1305,455	2591,777
Q9D7N9	28	6	177,0231	0,254335	1,254807	Adipocyte plasma membrane-associated protein OS=Mus musculus OX=10090 GN=Apmmap PE=1 SV=1	819,4646	1186,771	846,0603	992,005	1301,648	890,4045	982,2704	1209,458
A0A571BD61	21	1	93,6572	0,254876	1,781416	Coiled-coil domain-containing protein 30 (Fragment) OS=Mus musculus OX=10090 GN=Ccdc30 PE=1 SV=1	2479,31	736,3248	633,4206	2960,941	2935,393	556,1741	2474,386	2405,565
Q91XD6	5	1	24,1683	0,254962	1,688892	Vacuolar protein-sorting-associated protein 36 OS=Mus musculus OX=10090 GN=Vps36 PE=1 SV=1	281,6424	429,3219	77,01665	71,3126	218,3348	350,7365	475,7388	406,4435
Q9DCT8;A0A0G2JF37	18	10	101,6761	0,255231	1,32002	Cysteine-rich protein 2 OS=Mus musculus OX=10090 GN=Crip2 PE=1 SV=1	9869,83	5962,81	7351,537	10570,85	11982,49	6990,119	12613,19	11584,42
E9PVZ3	8	1	41,7351	0,255345	2,124371	Coiled-coil domain-containing 144B OS=Mus musculus OX=10090 GN=Ccdc144b PE=4 SV=1	729,2128	9,298378	104,435	652,9057	1270,901	91,55504	755,7024	603,1921
Q9CZ04;D3YVI6;D3Z0S0;D3Z440	12	3	79,5238	0,255378	1,203802	COP9 signalosome complex subunit 7a OS=Mus musculus OX=10090 GN=Cops7a PE=1 SV=2	3536,234	2099,8	3365,936	3981,501	4532,644	3954,092	3483,28	3453,035
P62631	81	6	335,8063	0,255479	1,252737	Elongation factor 1-alpha 2 OS=Mus musculus OX=10090 GN=Eef1a2 PE=1 SV=1	37258,11	20831,98	45229,22	47938,27	53817,05	46487,57	45378,32	43564,64
O35295	9	2	63,9397	0,255726	15,96484	Transcriptional activator protein Pur-beta OS=Mus musculus OX=10090 GN=Purb PE=1 SV=3	144,8527	7433,007	392,5835	169,9326	91,20007	513,4255	249,6618	352,0175
P17439	5	1	31,8904	0,255801	1,096026	Lysosomal acid glucosylceramidase OS=Mus musculus OX=10090 GN=Gba PE=1 SV=1	6417,329	6198,337	6258,189	6893,562	6222,186	6564,277	6270,65	5271,861
Q6P2L6	4	1	22,1861	0,256914	1,858475	Histone-lysine N-methyltransferase NSD3 OS=Mus musculus OX=10090 GN=Nsd3 PE=1 SV=2	61,59587	212,6373	24,37394	20,15587	97,74295	294,9751	71,13691	95,71379
A0A140LIX9	5	1	24,9585	0,257353	1,558288	Cilia and flagella-associated protein 99 OS=Mus musculus OX=10090 GN=Cfap99 PE=1 SV=1	186,9542	187,3395	219,5949	198,6537	267,7901	373,1995	409,4002	184,6194
Q8K3J1;A0A494BAW8	13	5	103,2579	0,257641	1,181963	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial OS=Mus musculus OX=10090 GN=Ndufs8 PE=1 SV=1	11721,58	16224,81	12310,92	13935,36	13022,58	13099,67	11881,61	9457,336
P63017;A2AD03;D3Z5E2;F6S4D9;Q3UR39;Q504P4;Q9QXG2	233	79	987,7262	0,258137	1,09868	Heat shock cognate 71 kDa protein OS=Mus musculus OX=10090 GN=Hspa8 PE=1 SV=1	73192,56	69044,02	63700,72	77688,23	87805,94	70362,69	75892,44	77552,49
Q6XZL8;F7CVL0	7	2	35,1631	0,25822	1,271391	Histone-lysine N-methyltransferase, H3 lysine-79 specific OS=Mus musculus OX=10090 GN=Dot1l PE=1 SV=1	652,2939	592,7402	776,7679	583,847	832,3354	715,7677	499,2518	815,5097

Q99L13	20	6	130,1615	0,258621	1,307724	3-hydroxyisobutyrate dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Hibadh PE=1 SV=1	15826,4	10107,4	7687,878	17941,41	13388,02	15526,01	13092,54	13021,48
A6PWD2 P67871;G3UWU5;G3UXG7 ;G3UXU2;G3UZA4;G3UZJ5; G3UZX4	14	5	85,5527	0,259237	1,413762	Forkhead-associated domain-containing protein 1 OS=Mus musculus OX=10090 GN=Fhad1 PE=2 SV=1	902,5253	2356,577	1088,339	1285,451	1613,022	1770,987	1232,82	1285,993
Q60722;A0A0J9YTW1;A0A 0J9YU37;A0A0J9YU89;A0A 0J9YU91;A0A0J9YUK1;A0A 0J9YUP9;A0A0J9YUR0;A0A 0J9YUT3;A0A0J9YUT7;A0A 0J9YUX6;A0A0J9YUZ0;A0A 0J9YV50;A0A0J9YVB3;A0A 0J9YVG2;A0A0J9YVI1;Q91 YV0	16	4	133,0056	0,259239	1,824804	Casein kinase II subunit beta OS=Mus musculus OX=10090 GN=Csnk2b PE=1 SV=1	672,6922	1940,282	754,3903	640,5544	626,0987	187,0252	616,9622	766,27
Q9WU62;A0A494B9T7;A0 A494BAW4	15	2	81,8852	0,259458	2,380616	Transcription factor 4 OS=Mus musculus OX=10090 GN=Tcf4 PE=1 SV=1	114,8669	0	0	170,9005	330,53	3,15641	200,4783	146,1378
Q8K3Y3	25	6	149,3969	0,259485	1,224701	Inner centromere protein OS=Mus musculus OX=10090 GN=Incenp PE=1 SV=2	5569,887	4720,947	4681,223	6496,088	7338,147	7315,28	5758,11	5105,205
Q9D819	7	1	39,3849	0,259753	2,587208	Protein lin-28 homolog A OS=Mus musculus OX=10090 GN=Lin28a PE=1 SV=1	66,66525	28,15367	12,87211	61,64964	42,73451	6,840421	136,5877	120,643
P23492;A0A2I3BQH2;A0A 2I3BS22;Q543K9;Q9D8C9	29	9	202,5672	0,260146	1,183494	Inorganic pyrophosphatase OS=Mus musculus OX=10090 GN=Ppa1 PE=1 SV=1	13045,18	12352,86	11641,64	15108,55	17853,24	13879,7	14744,98	12370,83
P49446;A0A1B0GRH2;A0A 1B0GRT6	12	1	71,0948	0,260199	2,567906	Purine nucleoside phosphorylase OS=Mus musculus OX=10090 GN=Pnp PE=1 SV=2	1,882193	12,95763	24,34813	0,97354	12,61576	21,45631	8,786889	41,28082
A0A140LIW0;A0A286YDU 8	13	2	64,2505	0,260408	1,86569	Receptor-type tyrosine-protein phosphatase epsilon OS=Mus musculus OX=10090 GN=Ptpre PE=1 SV=3	857,5231	1559,606	694,4932	402,7278	503,019	229,3557	744,6361	406,6621
P57784;G5E883	2	1	8,8234	0,260781	1,492655	Coiled-coil and C2 domain-containing 2B OS=Mus musculus OX=10090 GN=Cc2d2b PE=1 SV=1	103,6676	196,408	181,9894	94,48304	47,3171	140,7995	212,6308	166,1283
Q9QWT9	15	3	112,7519	0,261777	1,359376	U2 small nuclear ribonucleoprotein A' OS=Mus musculus OX=10090 GN=Snrpa1 PE=1 SV=2	3983,683	4701,052	3689,805	3577,967	4704,292	3705,733	3625,344	2127,546
Q91XV3	15	1	67,6999	0,261817	1,423481	Kinesin-like protein KIFC1 OS=Mus musculus OX=10090 GN=Kifc1 PE=1 SV=2	2083,331	747,3726	1043,293	2974,358	3412,719	2148,787	1949,228	2237,764
P50431;G3UYY1;G3UZ26; G3UZZ9	30	13	166,7407	0,261939	1,529402	Brain acid soluble protein 1 OS=Mus musculus OX=10090 GN=Basp1 PE=1 SV=3	37328,49	1314,182	8273,083	37582,09	40392,1	20415,43	28849,65	28990,12
	26	2	199,0143	0,262254	2,026714	Serine hydroxymethyltransferase, cytosolic OS=Mus musculus OX=10090 GN=Shmt1 PE=1 SV=3	419,2031	1178,354	1315,974	516,2407	382,7125	71,88836	657,3316	580,35

Q80U49;B9EIX2	16	1	88,623	0,262808	3,83712	Centrosomal protein of 170 kDa protein B OS=Mus musculus OX=10090 GN=Cep170b PE=1 SV=2	12,84459	38,54652	10,35858	1210,001	1434,022	0	1068,723	1020,493
P62307	5	2	32,546	0,263393	11,50749	Small nuclear ribonucleoprotein F OS=Mus musculus OX=10090 GN=Snrpf PE=1 SV=1	1298,304	5435,554	271,3511	81,7144	97,11986	148,0738	212,7089	157,9505
A0A1Y7VLD2;Q8CDN9	7	2	36,5463	0,263463	1,571944	Leucine-rich repeat-containing protein 9 OS=Mus musculus OX=10090 GN=Lrrc9 PE=1 SV=1	202,8922	259,1835	370,234	213,0235	334,5287	581,8288	230,1328	496,7145
Q6KAU4	4	1	18,0083	0,263876	1,537412	Multivesicular body subunit 12B OS=Mus musculus OX=10090 GN=Mvb12b PE=1 SV=2	130,8879	176,7189	163,3289	153,1081	188,2699	113,9727	71,09262	173,8216
P32067;A2AR07;D6RI87;F 6SXM5	45	20	322,6476	0,264	1,142445	Lupus La protein homolog OS=Mus musculus OX=10090 GN=Ssb PE=1 SV=1	9209,775	7346,12	7195,943	8981,956	11102,25	8457,904	8976,186	8860,228
Q5SWU9;A0A0R4J1S9;V9 GWS0	83	9	496,0829	0,264267	1,248004	Acetyl-CoA carboxylase 1 OS=Mus musculus OX=10090 GN=Acaca PE=1 SV=1	1476,82	2063,345	1119,313	1723,894	2350,267	1711,608	2339,486	1565,113
Q569Z5;F8WHR6	34	7	201,4697	0,264673	1,293529	Probable ATP-dependent RNA helicase DDX46 OS=Mus musculus OX=10090 GN=Ddx46 PE=1 SV=2	11513,4	17528,98	9163,365	10782,15	8755,241	11550,33	8789,424	8776,501
O70435;E0CX62	25	11	148,4429	0,265046	1,124184	Proteasome subunit alpha type-3 OS=Mus musculus OX=10090 GN=Psm3 PE=1 SV=3	8156,074	9718,111	10351,35	8801,342	10414,76	9656,205	8946,735	7683,281
B2FDI2;A7VK13;Q91V57	5	1	30,3418	0,265172	1,320999	N-chimaerin (Fragment) OS=Mus musculus OX=10090 GN=Chn1 PE=1 SV=1	1028,47	843,1749	1055,027	683,7046	452,5447	730,2052	944,1557	863,8298
G3X972;A0A286YD08;A0A 286YDI8	37	14	239,3758	0,265906	1,870544	Sec24-related gene family, member C (S. cerevisiae) OS=Mus musculus OX=10090 GN=Sec24c PE=1 SV=1	1894,351	7290,963	2474,974	1993,948	2698,138	2625,818	2329,887	2164,228
Q8BK67;A2AWQ2	47	15	291,5516	0,266677	1,165072	Protein RCC2 OS=Mus musculus OX=10090 GN=Rcc2 PE=1 SV=1	2924,71	2187,768	3232,862	3813,093	3515,352	3550,126	3732,49	3367,487
Q3TA59;A0A3B2W707	5	1	26,3475	0,267373	1,740866	JmjC domain-containing protein 8 OS=Mus musculus OX=10090 GN=Jmj8 PE=2 SV=3	310,349	291,0232	322,5455	200,4389	64,0435	347,3751	250,1681	598,0343
Q8K371;B8JK81;B8JK87;Q 3TP05	8	1	32,2807	0,2677	2,622784	Angiotensin-like protein 2 OS=Mus musculus OX=10090 GN=Amotl2 PE=1 SV=1	17,63943	63,83217	19,07564	0	34,00244	64,40976	13,45859	9,282937
D3YWQ0	4	1	18,5823	0,268611	1,160934	Diacylglycerol kinase iota OS=Mus musculus OX=10090 GN=Dgki PE=1 SV=1	468,6994	703,706	611,2682	505,1805	633,5869	743,5839	569,4154	710,6229
Q9CQU5	2	1	11,5418	0,268883	1,227843	ZW10 interactor OS=Mus musculus OX=10090 GN=Zwint PE=1 SV=1	1560,566	1288,442	1407,475	1645,37	1584,365	1551,66	1270,517	946,644
Q9CW46;A0A1L1SRY4	15	3	92,5011	0,268883	1,100583	Ribonucleoprotein PTB-binding 1 OS=Mus musculus OX=10090 GN=Raver1 PE=1 SV=2	988,8879	899,2938	840,1679	982,5207	882,3483	827,5769	847,2235	882,0016
Q5S006;Z4YMV4	22	4	102,9923	0,269474	1,438164	Leucine-rich repeat serine/threonine-protein kinase 2 OS=Mus musculus OX=10090 GN=Lrrk2 PE=1 SV=2	1351,425	541,763	721,5668	1382,781	1385,126	1579,805	1680,071	1104,109
F8VQ05;A0A0J9YTS1;A0A0 J9YUH4	23	2	104,0031	0,269502	1,183299	FRY-like transcription coactivator OS=Mus musculus OX=10090 GN=Fryl PE=1 SV=1	1948,669	2005,506	2649,743	2239,981	2794,447	3098,048	2459,715	2112,769
P47911;A0A0J9YU32	48	35	219,8937	0,269714	1,150369	60S ribosomal protein L6 OS=Mus musculus OX=10090 GN=Rpl6 PE=1 SV=3	31435,38	25735,14	33285,99	39306,59	40740,77	37579,54	36743,51	34211,67

Q6ZQ58;Q9D423;Z4YJT3	60	13	379,9722	0,270766	1,211417	La-related protein 1 OS=Mus musculus OX=10090 GN=Larp1 PE=1 SV=3	1059,875	828,7364	791,4245	1245,675	1501,169	865,9363	1278,77	1082,454
Q3UPL0;S4R192;S4R1Y8;S4R256;S4R2A9	51	11	360,0828	0,271516	1,331505	Protein transport protein Sec31A OS=Mus musculus OX=10090 GN=Sec31a PE=1 SV=2	4869,172	3946,76	1979,217	4940,963	6277,098	5435,957	4764,258	4475,396
O70378;MOQWP2;MOQWY0	11	1	88,5206	0,271598	2,537761	ER membrane protein complex subunit 8 OS=Mus musculus OX=10090 GN=Emc8 PE=1 SV=1	805,2822	0	0	359,1485	208,3199	0	455,2302	764,4255
Q9Z1R2;A0A1B0GX81;G3UXT8;G3UYQ2;G3UYZ0;G3UZT6;G3V013;Q3UF95;S4R224	42	6	312,6382	0,271828	1,144601	Large proline-rich protein BAG6 OS=Mus musculus OX=10090 GN=Bag6 PE=1 SV=1	8141,435	7569,927	9718,576	9435,906	11451,21	9190,924	8925,65	8696,554
Q9ES52	7	1	32,804	0,271916	1,282258	Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1 OS=Mus musculus OX=10090 GN=Inpp5d PE=1 SV=2	705,1612	411,4537	645,4952	434,2282	582,1785	541,748	658,074	691,3471
J3KMJ8;A0A1D5RLL5;J3QPL7	4	1	18,0397	0,272619	2,26717	Axonemal dynein light chain domain-containing protein 1 (Fragment) OS=Mus musculus OX=10090 GN=Axdnd1 PE=1 SV=1	95,41471	321,4306	358,2254	390,1174	437,0181	78,62417	856,3925	551,0398
Q8BMJ3;A0A1Y7VNG9;Q3UT53	13	1	100,3377	0,272757	1,215012	Eukaryotic translation initiation factor 1A, X-chromosomal OS=Mus musculus OX=10090 GN=Eif1ax PE=2 SV=3	3315,573	2762,936	4356,3	4033,181	4152,819	4292,691	4870,051	3386,106
Q64213;D3YVH4;D3YZC9;D3YZD0;E9Q4Q2;F8WHF9	27	8	216,8403	0,272848	1,248112	Splicing factor 1 OS=Mus musculus OX=10090 GN=Sf1 PE=1 SV=6	3563,595	2740,148	2309,326	3805,521	1985,187	2233,701	3022,58	2929,379
P57780;A0A1L1SV25;A0A1L1SVJ6;D3Z0L8;D3Z761;E9Q2W9	117	16	823,9106	0,273062	1,125481	Alpha-actinin-4 OS=Mus musculus OX=10090 GN=Actn4 PE=1 SV=1	23453,18	20214,19	18545,22	20641,51	20347,87	21036,33	17497,94	17789,78
Q9D1G1;A0A494B945;A0A494BA38;A0A494BBL7	25	1	164,2653	0,273418	1,12075	Ras-related protein Rab-1B OS=Mus musculus OX=10090 GN=Rab1b PE=1 SV=1	14474,72	15553,53	13104,56	14885,86	15127,68	14280,65	11115,18	11385,13
P05063	31	4	214,5436	0,273449	1,118769	Fructose-bisphosphate aldolase C OS=Mus musculus OX=10090 GN=Aldoc PE=1 SV=4	1290,181	1679,326	1340,973	1488,677	1701,673	1422,999	1795,778	1567,464
Q8K3I9;A0A0R4J1Y9;A0A0R4J1Z9;E0CXI8;E9QKK4	5	1	32,435	0,273572	1,410287	Glucocorticoid-induced transcript 1 protein OS=Mus musculus OX=10090 GN=Glcci1 PE=1 SV=1	860,4695	276,0626	621,9703	417,8332	855,0866	681,037	552,3176	980,8161
Q3TMH2	2	2	9,4293	0,274136	7,141833	Secernin-3 OS=Mus musculus OX=10090 GN=Scrn3 PE=1 SV=1	321,198	6396,459	300,0006	413,6833	260,1908	92,82748	377,4889	310,0299
Q61768;E9QAK5	90	14	643,098	0,27431	1,110488	Kinesin-1 heavy chain OS=Mus musculus OX=10090 GN=Kif5b PE=1 SV=3	7548,501	5434,885	6935,346	6649,555	7896,044	7150,187	7736,809	6720,72
Q9ESZ8;G3UWV2;G3UYD0;G3UYJ6;Q3UHU8	41	10	254,0894	0,274369	2,622823	General transcription factor II-I OS=Mus musculus OX=10090 GN=Gtf2i PE=1 SV=3	1736,332	1096,407	1799,024	2265,783	10208,53	1025,724	3822,552	3034,242
Q9EQU5;A2BE92;A2BE93	21	13	112,2048	0,274499	1,235072	Protein SET OS=Mus musculus OX=10090 GN=Set PE=1 SV=1	8019,831	6309,677	7761,144	10813,01	10232,81	8186,676	9843,561	9277,758
Q4FZF3	4	2	20,9817	0,274922	2,412473	Probable ATP-dependent RNA helicase DDX49 OS=Mus musculus OX=10090 GN=Ddx49 PE=2 SV=1	720,9007	1601,627	5196,021	1026,534	1184,832	618,0634	823,7327	915,4153

Q8K2Z4;A0A087WNQ1;A0A0R4J0H7	43	5	252,2455	0,275005	1,092808	Condensin complex subunit 1 OS=Mus musculus OX=10090 GN=Ncapd2 PE=1 SV=2	2286,645	2075,766	1894,425	2430,863	2481,015	2554,018	2171,315	2160,019
Q3U133	1	1	3,9449	0,275563	2,927099	Zinc finger protein 746 OS=Mus musculus OX=10090 GN=Znf746 PE=1 SV=3	309,1311	385,21	224,5885	545,1617	131,0598	0	216,5052	208,1547
O08663;M0QW48;M0QW69;M0QWVM9;Q3TMN1;Q3UI33	32	9	238,1932	0,276586	1,109184	Methionine aminopeptidase 2 OS=Mus musculus OX=10090 GN=Metap2 PE=1 SV=1	1310,879	1125,442	1395,079	1281,756	1296,662	1259,618	1265,915	1478,332
D3Z1D3	2	1	8,9698	0,276764	1,667052	Cardiac-enriched FHL2-interacting protein OS=Mus musculus OX=10090 GN=CEFIP PE=1 SV=1	946,6392	36,61278	747,9938	1477,95	1766,878	1371,53	1237,381	974,1066
P62806	98	55	317,3498	0,277624	1,072528	Histone H4 OS=Mus musculus OX=10090 GN=H4f16 PE=1 SV=2	485358,3	463116,6	455802,7	451856,7	483291,3	524855,8	425984,2	430160,1
E9PV04;A0A0N4SVM5	47	1	296,0124	0,277649	3,494908	RNA helicase OS=Mus musculus OX=10090 GN=Eif4a3l1 PE=3 SV=2	202,1321	262,6303	146,4398	285,0394	2175,408	558,5503	233,8187	164,5055
Q8BIE6;H3BIZ7;H3BK97;H3BL79;Q3TB04	12	2	59,1054	0,277721	1,821346	FERM domain-containing protein 4A OS=Mus musculus OX=10090 GN=Frmd4a PE=1 SV=2	273,8761	440,6936	682,8007	269,2406	124,9271	307,0086	443,8344	397,3393
P99027;A0A5F8MPY2	26	10	113,1028	0,277839	1,20809	60S acidic ribosomal protein P2 OS=Mus musculus OX=10090 GN=Rplp2 PE=1 SV=3	15865,87	14661,07	11659,34	15597,67	20015,11	17277,26	13145,56	14904,82
P27546;A0A0G2JDY5;A0A0G2JFK3;A0A0G2JFT4;A0A0G2JG35;A0A140T8T5;Q78TF3	47	7	329,3195	0,277842	1,391631	Microtubule-associated protein 4 OS=Mus musculus OX=10090 GN=Map4 PE=1 SV=3	1808,562	888,6515	734,0783	2165,593	1798,127	1127,337	2260,282	2603,05
Q05860;E9Q7P6	15	1	76,8963	0,278005	1,116337	Formin-1 OS=Mus musculus OX=10090 GN=Fmn1 PE=1 SV=2	1833,267	1870,427	2232,438	1844,024	1828,481	2019,862	1742,38	2043,507
Q60665	2	1	14,777	0,278068	2,844309	Ski-like protein OS=Mus musculus OX=10090 GN=Skil PE=1 SV=2	857,317	27,73248	280,3689	596,1722	806,5903	22,3808	911,5062	979,5073
Q9ER38	5	2	24,693	0,27826	1,099161	Torsin-3A OS=Mus musculus OX=10090 GN=Tor3a PE=1 SV=2	890,1921	979,64	931,094	871,7065	877,2763	916,2461	730,7528	817,03
Q9R1Q7	9	4	20,4372	0,278463	2,433458	Proteolipid protein 2 OS=Mus musculus OX=10090 GN=Plp2 PE=1 SV=1	878,8929	183,0242	4,387979	718,1976	817,2656	63,78217	945,4598	1087,793
Q8CJF7	58	7	318,2337	0,280287	1,217606	Protein ELYS OS=Mus musculus OX=10090 GN=Ahctf1 PE=1 SV=1	5436,297	4109,964	7012,035	4616,467	5267,346	4429,949	4855,15	4331,077
Q99K85;E9Q6P1;Q3U6K9	35	16	257,2813	0,28047	1,213517	Phosphoserine aminotransferase OS=Mus musculus OX=10090 GN=Psat1 PE=1 SV=1	17290,87	14353,34	18105,99	20597,27	26783,18	22526,71	19702,81	16355,17
Q99020;Q20BD0;Q80XR6	46	19	262,8896	0,280491	1,092817	Heterogeneous nuclear ribonucleoprotein A/B OS=Mus musculus OX=10090 GN=Hnrnpab PE=1 SV=1	68125,58	67572,96	62302,18	69883,23	72795,16	69724,96	57866,38	59069,42
Q9CQC6;A0A087WPF9;A0A087WQS2	23	5	131,1197	0,280736	1,384197	elf5-mimic protein 2 OS=Mus musculus OX=10090 GN=Bzw1 PE=1 SV=1	1014,783	864,5498	821,4334	1467,093	1127,217	1147,297	1458,57	1477,761
P97452	24	7	174,6396	0,281499	1,118872	Ribosome biogenesis protein BOP1 OS=Mus musculus OX=10090 GN=Bop1 PE=1 SV=1	7617,904	7943,975	7049,585	8724,882	7755,059	6285,891	6980,29	6985,836
D3YUW7;A0A0G2JEK8;A0A0G2JFG0;A0A5F8MPT6;E9QMC1;P59242	7	1	42,1311	0,281513	1,370727	Cingulin OS=Mus musculus OX=10090 GN=Cgn PE=1 SV=2	3043,767	1854,702	2838,29	3131,868	5440,15	4089,736	2756,719	2611,312



P62754	23	10	145,31	0,286911	1,236175	40S ribosomal protein S6 OS=Mus musculus OX=10090 GN=Rps6 PE=1 SV=1	8744,514	12887,24	8195,635	7492,92	9048,184	7816,979	7328,856	8648,251
A0A0A6YY25	2	1	8,9474	0,287056	1,558279	BTB/POZ domain-containing protein 18 OS=Mus musculus OX=10090 GN=Btdb18 PE=1 SV=1	611,5189	1070,195	406,7766	473,8589	733,5575	751,3314	394,6513	458,5429
P38060	19	3	164,3004	0,287154	1,605317	Hydroxymethylglutaryl-CoA lyase, mitochondrial OS=Mus musculus OX=10090 GN=Hmgcl PE=1 SV=2	2573,403	1916,777	1509,379	3120,095	1614,699	406,9596	1782,223	1877,023
O88456;A0A0R4J1C2	7	2	47,6049	0,287655	1,238029	Calpain small subunit 1 OS=Mus musculus OX=10090 GN=Capns1 PE=1 SV=2	374,4705	330,65	478,6972	379,6596	550,3508	429,2925	386,7212	355,3657
Q6PIC6;A0A0G2JGX4;Q8V CEO	56	6	401,5544	0,287753	1,230149	Sodium/potassium-transporting ATPase subunit alpha-3 OS=Mus musculus OX=10090 GN=Atp1a3 PE=1 SV=1	3090,912	2163,543	2475,545	2780,232	4383,062	2910,365	3020,445	2615,281
A0A1B0GR91;A0A1B0GSS 7;A0A1B0GSZ4	9	4	43,7014	0,28844	1,353029	Predicted gene 4779 OS=Mus musculus OX=10090 GN=Gm4779 PE=1 SV=1	816,0467	480,4336	481,7612	362,8066	338,0215	402,2414	400,3626	441,7852
E9QAQ5;Q9WV60	19	4	139,3158	0,288456	1,123858	Glycogen synthase kinase-3 beta OS=Mus musculus OX=10090 GN=Gsk3b PE=1 SV=1	4977,018	4984,221	4587,778	5258,629	5218,69	6154,635	5399,207	4377,557
Q7TMB8;A0A0R4J119;A0A OU1RQ05	54	6	316,6734	0,288586	1,133474	Cytoplasmic FMR1-interacting protein 1 OS=Mus musculus OX=10090 GN=Cyfp1 PE=1 SV=1	5034,018	4953,933	4172,261	5512,468	5600,192	5011,532	4269,302	5635,949
Q9D4Q1	5	1	23,8809	0,289299	1,188124	RIB43A-like with coiled-coils protein 2 OS=Mus musculus OX=10090 GN=Ribc2 PE=2 SV=3	374,0414	459,2409	441,2086	419,6562	587,5251	437,6063	436,9111	524,2215
P61514;A0A1D5RL86	7	4	47,0929	0,290011	1,321573	60S ribosomal protein L37a OS=Mus musculus OX=10090 GN=Rpl37a PE=1 SV=2	3370,794	1800,755	1593,642	3801,511	2342,075	2738,268	2900,292	2511,154
Q9CQW2;A0A0N4SVB8	22	1	181,0708	0,290647	1,202297	ADP-ribosylation factor-like protein 8B OS=Mus musculus OX=10090 GN=Arl8b PE=1 SV=1	6801,096	5592,399	4924,413	7074,79	5833,098	6019,271	5026,694	4951,318
Q8VEH3;F6QKK2	20	1	171,365	0,290647	1,202297	ADP-ribosylation factor-like protein 8A OS=Mus musculus OX=10090 GN=Arl8a PE=1 SV=1	2351,385	1933,495	1702,548	2446,011	2016,714	2081,08	1737,91	1711,85
Q924Z4	6	1	40,2879	0,29087	1,223909	Ceramide synthase 2 OS=Mus musculus OX=10090 GN=Cers2 PE=1 SV=1	960,1381	1075,83	1168,1	1099,456	663,1956	686,45	1012,362	1154,205
P27601;Q9D034	36	5	252,7847	0,291003	1,12242	Guanine nucleotide-binding protein subunit alpha-13 OS=Mus musculus OX=10090 GN=Gna13 PE=1 SV=1	5934,101	5360,945	5353,176	5699,366	5712,021	5397,339	4591,746	4400,207
Q9WVE8;A0A2R8W6S4;A0 A2R8W750;A0A338P6P7; Q3UP40	22	6	126,6069	0,291123	1,163977	Protein kinase C and casein kinase substrate in neurons protein 2 OS=Mus musculus OX=10090 GN=Pacsin2 PE=1 SV=1	2849,657	3680,206	4657,308	3010,068	3847,142	3461,362	3404,604	3469,526
P63024	11	1	76,8424	0,29117	1,524063	Vesicle-associated membrane protein 3 OS=Mus musculus OX=10090 GN=Vamp3 PE=1 SV=1	148,8101	21,24298	43,43608	114,1858	84,31743	127,2155	163,9503	123,9142

Q9D898	4	1	17,313	0,291311	1,193732	Actin-related protein 2/3 complex subunit 5-like protein OS=Mus musculus OX=10090 GN=Arpc5l PE=1 SV=1	22186,89	18345,85	15628,4	17472,01	16547,33	19694,68	13707,51	11733,64
Q8BZQ7	8	1	52,6385	0,291791	106,6963	Anaphase-promoting complex subunit 2 OS=Mus musculus OX=10090 GN=Anapc2 PE=1 SV=2	40,48625	99,46897	19555,41	123,9532	160,6499	197,1339	20,42858	21,00129
P48678;D3YUF7	122	48	667,5507	0,291973	1,506209	Prelamin-A/C OS=Mus musculus OX=10090 GN=Lmna PE=1 SV=2	25172,56	5722,856	19505,87	30690,4	32345,36	14390,2	24638,28	23955,81
Q9R1P3	17	5	118,0714	0,292137	1,253303	Proteasome subunit beta type-2 OS=Mus musculus OX=10090 GN=Psmb2 PE=1 SV=1	3337,646	2980,949	2392,137	4692,466	4965,788	3741,444	3742,78	4348,253
Q8BRU6	1	1	12,6772	0,292314	1,928151	Synaptic vesicular amine transporter OS=Mus musculus OX=10090 GN=Slc18a2 PE=1 SV=1	1912,831	953,5094	674,9696	2718,272	1372,571	19,9728	884,8622	1293,616
Q9ER69;A0A3B2W4D2;E0CYH0;E0CZF5;F7CCI4	18	5	101,7273	0,292929	1,197288	Pre-mRNA-splicing regulator WTAP OS=Mus musculus OX=10090 GN=Wtap PE=1 SV=3	1764,344	2309,919	1568,053	1720,647	1588,46	1216,828	1597,436	1746,976
Q6P9Z1;A0A0G2JG60	18	3	126,969	0,29345	1,199997	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 3 OS=Mus musculus OX=10090 GN=Smarcd3 PE=1 SV=2	1607,127	1416,073	988,899	1606,065	1659,924	2037,585	1623,53	1420,739
Q3URQ0;F6ZZ61	18	1	94,6646	0,293498	1,373568	Testis-expressed protein 10 OS=Mus musculus OX=10090 GN=Tex10 PE=1 SV=1	3577,468	2973,868	1623,427	4109,887	2838,714	4090,048	2399,781	2448,175
Q91VN6;A0A1S6GWJ4	6	2	34,3263	0,293929	1,234563	Probable ATP-dependent RNA helicase DDX41 OS=Mus musculus OX=10090 GN=Ddx41 PE=1 SV=2	1168,943	1093,258	1024,098	918,6333	796,7687	1364,773	1280,314	1253,346
P11440;A0A1Y7VIW8;A0A1Y7VJE1;A0A1Y7VNS6;A0A286YCF7;D3Z2T9;E3W997;F2Z480;Q3V3A1;Q64261;Q99J95;Q9JHU3	23	4	127,8561	0,293974	1,352185	Cyclin-dependent kinase 1 OS=Mus musculus OX=10090 GN=Cdk1 PE=1 SV=3	5749,179	4387,456	5553,255	7475,272	9732,046	4189,834	8618,704	8783,008
O55201	45	6	270,1239	0,294321	1,224806	Transcription elongation factor SPT5 OS=Mus musculus OX=10090 GN=Supt5h PE=1 SV=1	1453,48	1215,519	1671,238	1855,231	2393,412	1403,025	1783,865	2007,942
Q9D172;A0A1W2P7B6	9	3	49,6729	0,294359	1,646973	Glutamine amidotransferase-like class 1 domain-containing protein 3, mitochondrial OS=Mus musculus OX=10090 GN=Gatd3 PE=1 SV=1	246,993	285,3473	246,8243	216,3394	189,1719	61,1795	294,7054	264,5873
O54984;A0A1B0GRE1	21	5	121,4912	0,294453	1,693742	ATPase GET3 OS=Mus musculus OX=10090 GN=Get3 PE=1 SV=2	5825,065	20995,07	6873,69	6276,872	6438,76	6332,863	5661,085	5536,598
Q99JF8;A2BI12;F6RB63	40	10	277,7134	0,294473	1,421571	PC4 and SFRS1-interacting protein OS=Mus musculus OX=10090 GN=Psip1 PE=1 SV=1	2687,922	1717,757	1786,316	3678,819	3782,842	1207,695	3066,309	2469,23
P49717;A0A2R8VHP7	55	15	372,5753	0,294665	1,079278	DNA replication licensing factor MCM4 OS=Mus musculus OX=10090 GN=Mcm4 PE=1 SV=1	9442,264	9450,038	9432,061	10464,31	10924,05	10260,37	9977,996	9062,617
A3KG93;F6Z4I3;F6ZC60;G8JL40;Q6ZQ88	32	3	169,1943	0,294907	1,218369	Lysine-specific histone demethylase OS=Mus musculus OX=10090 GN=Kdm1a PE=1 SV=1	754,7411	799,1454	689,3551	831,9182	375,2849	784,4464	817,3365	668,4043



Q9CRD0;A0A0J9YTV6;A0A0J9YUB6;A0A0J9YUK7	5	2	44,9793	0,295602	1,163476	OCIA domain-containing protein 1 OS=Mus musculus OX=10090 GN=Ociad1 PE=1 SV=1 Leucine-rich repeat-containing protein 47	1288,926	1067,707	1223,883	1204,225	1030,132	1685,587	1190,893	1141,144
Q505F5;E9PV22;F6Z4L9 A0A171KXD3;A0A140LHF7 ;A0A140LHS4;A0A140LI33; A0A140LIF7;A0A140LJ68;A 0A140LJ70;A0A140LJF4;Q 9JIFO	42	13	279,0091	0,295659	1,219608	OS=Mus musculus OX=10090 GN=Lrrc47 PE=1 SV=1	3408,623	3438,923	3281,8	3798,612	4043,69	3517,006	3949,813	3743,39
Q99JY0;D3YXU1	39	11	275,9646	0,295759	1,122073	Protein arginine N-methyltransferase 1 OS=Mus musculus OX=10090 GN=Prmt1 PE=1 SV=1 Trifunctional enzyme subunit beta, mitochondrial OS=Mus musculus OX=10090 GN=Hadhb PE=1 SV=1	11726,32	10876,06	12857,1	12837,1	13493	11998,38	11403,19	9700,132
P49718	42	15	313,7531	0,295903	1,230748	DNA replication licensing factor MCM5 OS=Mus musculus OX=10090 GN=Mcm5 PE=1 SV=2	8671,409	5348,251	6877,957	9631,539	10869,6	7145,677	9870,675	9687,74
Q99MY8	43	12	302,0603	0,296047	1,270143	Histone-lysine N-methyltransferase ASH1L OS=Mus musculus OX=10090 GN=Ash1l PE=1 SV=3	9644,913	11242	11701,69	11082	12427,32	17210,34	9773,364	9226,588
D3YUTO	9	1	56,3601	0,296168	1,10677	Sorbin and SH3 domain-containing protein 2 (Fragment) OS=Mus musculus OX=10090 GN=Sorbs2 PE=1 SV=8	10073,69	10493,38	9177,188	9632,489	12010,52	11718,83	9713,74	10137,89
D3Z3A6;D3YXR5;Q60953	1	1	5,375	0,29618	1,658392	Protein PML OS=Mus musculus OX=10090 GN=Pml PE=1 SV=1	51,1173	54,26628	80,24852	114,6265	55,23957	53,00147	8,457297	64,35571
O54734	6	1	27,8266	0,296936	1,473844	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit OS=Mus musculus OX=10090 GN=Ddost PE=1 SV=2	2134,835	1346,419	2904,582	5318,476	4694,108	1798,028	4176,71	3619,093
Q69ZJ7;E9QPA1;F6S7U1	29	10	187,3923	0,297381	1,12421	Guanine nucleotide exchange factor subunit RIC1 OS=Mus musculus OX=10090 GN=Ric1 PE=1 SV=2	19093,86	16990,58	16301,66	20309,06	18003,34	18669,8	16013,69	15715,58
P97333	1	1	4,898	0,297659	1,51677	Neuropilin-1 OS=Mus musculus OX=10090 GN=Nrp1 PE=1 SV=2	2566,447	600,9259	568,8323	4565,353	4656,318	1132,619	2992,304	2708,911
A6X942	21	3	121,7512	0,297867	1,405112	SH2 domain-containing protein 4B OS=Mus musculus OX=10090 GN=Sh2d4b PE=2 SV=1	266,578	293,8062	320,5834	263,3032	283,1188	617,3187	351,0516	356,3389
Q6ZQF0 Q8VDD9;A0A087WR26;F8 VQ93	6	1	30,4986	0,297897	7,369132	DNA topoisomerase 2-binding protein 1 OS=Mus musculus OX=10090 GN=Topbp1 PE=1 SV=2	13,53663	62,23597	16,97235	70,76819	310,2555	0	223,0694	242,6115
Q61545;Q5SUS8;Q5SUS9; Q5SUT0	12	2	48,0744	0,298087	1,183807	PH-interacting protein OS=Mus musculus OX=10090 GN=Phip PE=1 SV=2	1082,994	815,9405	817,9989	804,8817	941,4043	1207,091	926,1404	832,9864
Q99MJ9	26	2	139,1413	0,298239	1,263557	RNA-binding protein EWS OS=Mus musculus OX=10090 GN=Ewsr1 PE=1 SV=2	2155,574	3992,083	2733,326	2885,786	2585,125	2296,074	2252,414	2178,804
	23	6	141,3893	0,298458	4,558868	ATP-dependent RNA helicase DDX50 OS=Mus musculus OX=10090 GN=Ddx50 PE=2 SV=1	681,8794	6268,113	543,6728	488,286	620,7578	1054,869	383,8797	360,8157
	38	7	208,5225	0,298598	1,286289		8668,498	5402,608	6256,577	9519,463	9873,945	5513,27	6400,538	7222,693

P51150;A0A0N4SVG9;A0A0N4SVR6	29	9	207,4922	0,299593	1,175654	Ras-related protein Rab-7a OS=Mus musculus OX=10090 GN=Rab7a PE=1 SV=2	6547,334	6579,298	5211,294	7435,83	6335,597	5316,583	5469,282	5747,623
Q3TR73	6	1	28,1428	0,299879	1,336775	Nebulette OS=Mus musculus OX=10090 GN=Nebi PE=1 SV=1	53,15591	59,74129	112,3893	90,90071	80,42109	99,87649	99,99953	142,3739
Q7TSI3	19	3	106,3243	0,299993	1,18737	Serine/threonine-protein phosphatase 6 regulatory subunit 1 OS=Mus musculus OX=10090 GN=Ppp6r1 PE=1 SV=1	475,7602	504,2183	811,5139	578,798	749,2812	803,3351	707,7076	552,4458
Q9D104;G5E8T3	8	1	60,6113	0,300161	22,83951	Signal recognition particle 19 kDa protein OS=Mus musculus OX=10090 GN=Srp19 PE=1 SV=1	35,16839	2721,963	297,917	38,03848	50,21462	693,5401	49,81056	13,68716
P62858;G3UYV7	14	9	73,7653	0,300273	1,342422	40S ribosomal protein S28 OS=Mus musculus OX=10090 GN=Rps28 PE=1 SV=1	7712,386	4105,219	6430,065	7634,396	10404,69	10107,3	8123,381	6109,294
Q91YE8	4	1	23,0282	0,300877	1,13511	Synaptopodin-2 OS=Mus musculus OX=10090 GN=Synpo2 PE=1 SV=2	1189,201	1601,62	1493,018	1572,288	1279,588	1490,753	1341,409	1318,716
O70251;A0A087WS46;G3UX43;G3UZ47;M0QWH8;M0QWK5	24	8	193,7513	0,301188	1,373124	Elongation factor 1-beta OS=Mus musculus OX=10090 GN=Eef1b PE=1 SV=5	27386,72	18190,37	18325,96	35927,49	19157,51	18016,81	22295,67	24064,86
P70372	46	20	312,0176	0,301214	1,140547	ELAV-like protein 1 OS=Mus musculus OX=10090 GN=Elavl1 PE=1 SV=2	22128,84	19089,29	17843,04	20842,31	20424,32	20768,12	15653,44	16546,9
Q8BGT7;A0A494BA53;A0A494BAP9	7	1	41,4744	0,301824	1,522975	Survival of motor neuron-related-splicing factor 30 OS=Mus musculus OX=10090 GN=Smndc1 PE=1 SV=1	127,9163	121,4252	80,21405	53,61423	45,57666	33,25441	105,4717	67,29012
F6SSP6;Z4YLP1	6	1	28,4855	0,30211	1,171736	E3 ubiquitin-protein ligase UBR4 (Fragment) OS=Mus musculus OX=10090 GN=Ubr4 PE=1 SV=1	1112,535	1234,139	928,0777	1167,237	1259,896	966,4473	868,0982	823,5322
P08553;A0A0R4J036;D3YZ35	44	4	278,5595	0,302515	1,222177	Neurofilament medium polypeptide OS=Mus musculus OX=10090 GN=Nefm PE=1 SV=4	2081,971	1271,174	3055,649	1910,356	2703,512	2463,424	2473,626	2526,916
Q8BWW3	25	4	155,6562	0,302754	1,09147	Eukaryotic peptide chain release factor subunit 1 OS=Mus musculus OX=10090 GN=Etfl PE=1 SV=4	4808,778	4824,138	5078,89	4978,875	4845,22	5391,313	4994,552	4077,143
P83917;Q7TPM0;Q9CYJ8	9	3	67,1767	0,303314	1,278221	Chromobox protein homolog 1 OS=Mus musculus OX=10090 GN=Cbx1 PE=1 SV=1	7116,395	4692,567	4034,557	6843,027	8832,994	6228,29	5792,592	5234,532
Q9DCN2;F2Z456	52	28	339,597	0,303545	1,128223	NADH-cytochrome b5 reductase 3 OS=Mus musculus OX=10090 GN=Cyb5r3 PE=1 SV=3	49221,44	37892,41	45189,19	50293,36	42137,06	44045,7	38666,04	36995,41
P47802;A0A6I8MWZ8;D3YVW0;D3Z3F4;G3UXX9;G3UYJ5;G3XA66;G3XA75;Q8R5CO	9	1	69,5334	0,303746	2,718615	Metaxin-1 OS=Mus musculus OX=10090 GN=Mtx1 PE=1 SV=1	271,4761	256,1316	245,28	407,4078	983,355	1417,12	527,4215	121,2729
Q99L47;E9Q1V0;E9Q1X9;F8WJK8	36	14	238,2277	0,303875	1,163518	Hsc70-interacting protein OS=Mus musculus OX=10090 GN=St13 PE=1 SV=1	53445,06	39691,25	47285,89	59482,11	68602,64	57348,98	55931,68	50708,93
P61922;F7C9G3;Q3TUE8	28	3	170,8474	0,304032	1,491994	4-aminobutyrate aminotransferase, mitochondrial OS=Mus musculus OX=10090 GN=Abat PE=1 SV=1	1248,114	2218,793	851,8298	2132,644	1143,365	1349,025	966,8618	864,7473

Q14AX6	13	5	64,0664	0,304957	1,342749	Cyclin-dependent kinase 12 OS=Mus musculus OX=10090 GN=Cdk12 PE=1 SV=2	2519,079	5681,995	2547,118	3365,447	2967,944	2090,63	2722,801	2744,067
Q5FW53	6	2	37,5239	0,305372	1,155614	Myosin-binding protein H-like OS=Mus musculus OX=10090 GN=Mybphl PE=1 SV=1	1034,853	1003,363	1273,084	1135,756	1070,142	842,5028	895,5454	1040,029
Q8BJ03	2	1	12,3922	0,305528	2,333578	Cytochrome c oxidase assembly protein COX15 homolog OS=Mus musculus OX=10090 GN=Cox15 PE=1 SV=1	902,4211	408,8351	474,9018	1074,787	192,3421	0	508,8903	524,7582
B2RXT3;E9Q7L0	71	13	467,6172	0,305538	1,196278	Oxoglutarate dehydrogenase (succinyl- transferring) OS=Mus musculus OX=10090 GN=Ogdhl PE=1 SV=1	9904,611	5494,549	9279,368	10986,68	10605,37	10674,09	9036,257	9830,74
Q9Z2U0;A0A338P7D7	21	4	141,3701	0,306676	1,29474	Proteasome subunit alpha type-7 OS=Mus musculus OX=10090 GN=Psm7 PE=1 SV=1	18997,63	9155,379	8128,763	22855,78	22692,61	13379,19	21708,31	17836,4
Q9D8S9	2	1	9,7895	0,306839	1,322607	Bola-like protein 1 OS=Mus musculus OX=10090 GN=Bola1 PE=1 SV=1	440,8249	469,9751	421,5767	379,3051	145,013	490,0485	368,7168	408,963
Q8BWW4;A0A2R8VKL5;A0 A2R8W6Y5;E9Q066;G3X9 Q6	27	5	189,0593	0,306874	1,276649	La-related protein 4 OS=Mus musculus OX=10090 GN=Larp4 PE=1 SV=2	1784,01	2135,057	3580,793	2383,75	1818,684	2180,889	1936,614	2263,85
B2M1R6;A0A286YE41;H3B J43;H3BJS9;H3BKD0;H3BKI 8;H3BLP7;Q8BT23	74	1	413,9185	0,306897	1,099906	Heterogeneous nuclear ribonucleoprotein K OS=Mus musculus OX=10090 GN=Hnrnpk PE=1 SV=1	3972,935	4448,45	4817,308	3762,391	4809,357	4834,601	4491,214	4564,43
B7ZNU9	3	1	15,6366	0,307	1,168776	Beta-2-syntrophin OS=Mus musculus OX=10090 GN=Sntb2 PE=1 SV=1	676,216	630,211	489,9039	666,1966	596,8103	593,9955	476,7158	505,8553
Q9CQI6	9	1	57,3632	0,307738	1,453623	Coactosin-like protein OS=Mus musculus OX=10090 GN=Cotl1 PE=1 SV=3	1840,661	1005,67	1977,834	2005,998	3783,215	2051,6	1670,329	2297,702
L7N209	7	1	43,5679	0,308	2,546736	HBS1-like protein OS=Mus musculus OX=10090 GN=Hbs1l PE=1 SV=1	152,4276	16,21382	12,57209	165,4252	182,051	1,843223	138,1127	137,501
P14206;A0A1L1SRW0;A0A 1L1SUK3	40	19	232,3226	0,308369	1,091849	40S ribosomal protein SA OS=Mus musculus OX=10090 GN=Rpsa PE=1 SV=4	15355,37	16558,11	17250,14	17609,04	18980,03	17614,77	16008,84	14516,91
P16858;A0A0A0MQF6;A0 A1D5RLD8;S4R1N5;S4R1W 1;S4R257	109	41	447,6243	0,308696	1,497562	Glyceraldehyde-3-phosphate dehydrogenase OS=Mus musculus OX=10090 GN=Gapdh PE=1 SV=2	84798,38	10742,74	95462,24	101122,2	127142,6	106242,3	106953,8	97137,45
Q9D5T0;A0A494B9L7;A0A 494B9Y0;A0A494BAB5	17	6	111,8176	0,308903	1,370177	Outer mitochondrial transmembrane helix translocase OS=Mus musculus OX=10090 GN=Atad1 PE=1 SV=1	3304,942	893,3049	1090,24	3231,213	3460,639	2959,49	2675,881	2577,483
A2AGL5;Q9D9K3	1	1	5,8905	0,309224	1,209839	Cell death regulator Aven OS=Mus musculus OX=10090 GN=Aven PE=1 SV=1	724,7646	673,4983	745,5998	959,4675	970,4231	758,8438	982,4573	1042,805
Q80X90	127	25	862,1041	0,309234	1,114427	Filamin-B OS=Mus musculus OX=10090 GN=Flnb PE=1 SV=3	13287,91	13975,67	15818,31	14753,22	17888,33	15987	14112,87	14051,95
Q9CPY1	3	1	25,5045	0,309529	1,769676	39S ribosomal protein L51, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl51 PE=1 SV=1	301,8555	395,6619	393,0872	225,2476	0	157,1816	166,9111	419,4629
Q61425	18	3	154,0084	0,309618	1,283815	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Hadh PE=1 SV=2	5586,066	7251,984	9835,59	5709,889	6355,571	7570,705	4676,319	5693,704

Q6ZVV7	21	11	100,7603	0,309736	1,303433	60S ribosomal protein L35 OS=Mus musculus OX=10090 GN=Rpl35 PE=1 SV=1	3497,567	2072,234	2731,442	4006,859	5686,634	3460,792	3514,464	3380,901
Q8BFY9;J3QMX2;Q3TKD0	40	11	321,825	0,309812	1,067773	Transportin-1 OS=Mus musculus OX=10090 GN=Tnpo1 PE=1 SV=2	9070,447	8768,872	9439,893	9407,9	9498,309	9851,585	9190,846	8195,775
P43276	56	29	199,2597	0,310258	1,18436	Histone H1.5 OS=Mus musculus OX=10090 GN=H1-5 PE=1 SV=2	79259,47	58722,58	64540,44	76311,5	89185,73	88585,93	68215,89	65691,37
Q69Z98;G3UWV4;G3UXM5;G3UYN4;G3UZ19;G3UZN4	10	1	54,9625	0,311081	1,524453	Serine/threonine-protein kinase BRSK2 OS=Mus musculus OX=10090 GN=Brsk2 PE=1 SV=2	102,8623	63,2084	75,19046	117,3291	43,31226	15,56942	112,7463	63,59755
A0A0U1RNU0	1	1	0	0,311163	1,913301	Protein FAM71E1 OS=Mus musculus OX=10090 GN=Fam71e1 PE=4 SV=1	421,7834	0	40,23129	371,7192	360,7267	24,90631	311,8183	514,7708
Q99N87	23	3	123,0843	0,311756	1,342006	28S ribosomal protein S5, mitochondrial OS=Mus musculus OX=10090 GN=Mmps5 PE=1 SV=1	167,0318	87,48778	154,4719	189,0871	104,2789	139,6065	189,2367	232,2575
Q8BK64	22	7	166,7475	0,311184	1,186342	Activator of 90 kDa heat shock protein ATPase homolog 1 OS=Mus musculus OX=10090 GN=Ahsa1 PE=1 SV=2	7946,549	7820,652	9383,888	10561,96	10867,31	10181,81	8789,883	7791,298
Q99JR1	20	8	126,3576	0,311903	1,133613	Sideroflexin-1 OS=Mus musculus OX=10090 GN=Sfxn1 PE=1 SV=3	5881,52	4982,749	4256,004	6041,729	5954,762	6046,143	5323,844	5341,401
Q00493	28	5	153,8659	0,311906	1,32278	Carboxypeptidase E OS=Mus musculus OX=10090 GN=Cpe PE=1 SV=2	3392,552	2944,488	4741,248	4231,998	4863,435	7399,465	4285,519	3703,725
Q8VCM8;D3YU17	26	9	186,146	0,313087	1,478677	Nicalin OS=Mus musculus OX=10090 GN=Ncln PE=1 SV=2	28083,39	13053,55	25798,41	25879,37	32577,8	39986,16	22383,89	17890,62
Q61831;A0A0G2JEJ8;A0A0G2JG69;A0A0G2JGL2;A0A5F8MP75;E9QN59;Q3TQZ7;Q80W80;Q8C9D4	11	1	66,0618	0,313183	1,524209	Mitogen-activated protein kinase 10 OS=Mus musculus OX=10090 GN=Mapk10 PE=1 SV=2	97,3239	34,47393	34,36679	34,31883	48,21755	113,2101	54,42242	89,72869
A0A0G2JGS4;D6RDQ8;E9PXV3;E9Q1T1;E9Q1V9;E9Q1W0;E9QAJ4;F6RWZ9;F6WHR9;Q6PHZ2;Q8CCM0	17	2	108,523	0,314164	3,072077	Calcium/calmodulin-dependent protein kinase OS=Mus musculus OX=10090 GN=Camk2d PE=1 SV=1	116,6052	51,08372	56,54669	203,2303	489,0184	82,99059	186,6798	123,4615
Q55VQ0	9	2	50,5237	0,314189	1,375709	Histone acetyltransferase KAT7 OS=Mus musculus OX=10090 GN=Kat7 PE=1 SV=1	1137,339	808,6794	746,9803	1447,973	719,8131	580,7278	828,4124	881,1108
Q9CWH6;A0A3Q4EG42;A0A3Q4EHS3;A0A3Q4L361;B7ZMS4	20	1	145,3157	0,315077	1,183937	Proteasome subunit alpha type-8 OS=Mus musculus OX=10090 GN=Pma8 PE=1 SV=1	2280,951	1642,731	1543,959	2515,267	2753,073	2218,176	2302,978	2177,033
Q9WTM5;A0A1B0GR89;A0A1B0GRW3;A0A1B0GSR4;A0A1B0GT54	51	15	381,6086	0,31536	1,131315	RuvB-like 2 OS=Mus musculus OX=10090 GN=Ruvb12 PE=1 SV=3	8145,52	5626,126	5940,25	6959,809	6925,921	7858,14	7562,53	6762,556
O54692;A0A1L1SST9	18	1	97,7297	0,315435	1,598551	Centromere/kinetochore protein zw10 homolog OS=Mus musculus OX=10090 GN=Zw10 PE=1 SV=3	581,9187	241,1762	1350,926	168,6257	800,1283	657,8827	728,5906	1558,238

A5D6P2;B7ZNY3;E0CXL4;E OCXR8;E0CZE2;E9PYJ2;F6S 7Z1;G3XA13;Q99NH2	3	1	18,7378	0,315645	2,270007	Par-3 (Partitioning defective 3) homolog (C. elegans) OS=Mus musculus OX=10090 GN=Pard3 PE=1 SV=1	238,7564	112,1032	30,50057	256,6313	792,8306	39,65873	283,2067	332,5488
Q9JHJ0;A0A1L1SQ12;A0A1 L1SR42	16	4	80,364	0,315987	1,235413	Tropomodulin-3 OS=Mus musculus OX=10090 GN=Tmod3 PE=1 SV=1	4147,527	3362,142	3824,968	4321,869	2771,298	3755,024	3587,958	2558,816
A0A1Y7VN36	2	1	10,9796	0,316085	1,393091	EARP and GARP complex-interacting protein 1 (Fragment) OS=Mus musculus OX=10090 GN=Eipr1 PE=1 SV=1	1929,978	3045,316	803,3309	892,6836	2076,672	2543,853	2394,473	2278,74
Q7TMM9	158	1	646,2543	0,316103	1,190812	Tubulin beta-2A chain OS=Mus musculus OX=10090 GN=Tubb2a PE=1 SV=1	12538,7	7503,612	12425,72	13904,47	16391,68	13138,17	13353,07	12338,01
Q8CGC7;A0A0A6YWA4;A0 A0A6YWH3	134	46	988,8853	0,316785	1,145474	Bifunctional glutamate/proline--tRNA ligase OS=Mus musculus OX=10090 GN=Eprs1 PE=1 SV=4	17597,58	12355,44	16849,18	20664,38	19345,26	15924,58	17682,48	16470,15
Q61245	7	1	35,2823	0,316819	1,273017	Collagen alpha-1(XI) chain OS=Mus musculus OX=10090 GN=Col11a1 PE=1 SV=2	3016,416	3540,231	3168,216	3818,884	2824,806	5329,31	3109,124	2801,065
Q9ESV0;A0A1Y7VKX7;A0A 1Y7VLU4;F8WJAO	22	5	140,0995	0,317173	1,165498	ATP-dependent RNA helicase DDX24 OS=Mus musculus OX=10090 GN=Ddx24 PE=1 SV=2	9091,008	5143,692	5575,286	7782,69	8668,322	8693,747	7800,596	6996,558
E9PWW9	12	4	76,625	0,317649	1,272797	Remodeling and spacing factor 1 OS=Mus musculus OX=10090 GN=Rsf1 PE=1 SV=2	575,4383	455,4458	248,1973	368,4439	548,1235	401,2317	525,8489	481,0647
Q9D0F9	14	3	90,1778	0,317845	1,197164	Phosphoglucomutase-1 OS=Mus musculus OX=10090 GN=Pgm1 PE=1 SV=4	4501,57	3539,975	3225,93	5000,028	5086,441	4932,2	4828,657	3689,68
E9Q309	54	6	272,8475	0,318017	1,519281	Centrosome-associated protein 350 OS=Mus musculus OX=10090 GN=Cep350 PE=1 SV=1	4655,541	4363,254	2249,479	3284,081	2023,438	2900,936	1467,353	4845,927
Q8VCD7	5	1	27,2013	0,318065	1,280907	Lysine-specific demethylase 4C OS=Mus musculus OX=10090 GN=Kdm4c PE=1 SV=1	2283,552	1643,783	1594,464	2369,339	2425,886	2533,638	2184,378	1657,838
P50247;A2ALT5	43	20	294,6272	0,318375	1,150675	Adenosylhomocysteinase OS=Mus musculus OX=10090 GN=Ahcy PE=1 SV=3	14781,06	11440,78	16920,51	17668,18	18742,03	18193,25	16713,23	14592,62
P24527	31	6	190,4065	0,318444	1,090153	Leukotriene A-4 hydrolase OS=Mus musculus OX=10090 GN=Lta4h PE=1 SV=4	2155,841	2089,374	2042,093	2475,333	2066,315	2189,207	1930,384	1852,084
Q9WVJ2;E9PY93;E9Q5I9;F 6PXS6;F6ZQQ3	34	6	234,265	0,319117	1,079552	26S proteasome non-ATPase regulatory subunit 13 OS=Mus musculus OX=10090 GN=Psm13 PE=1 SV=1	2500,03	2408,853	2151,323	2628,234	2315,332	2355,009	2306,276	2360,685
Q8CG47;E9Q2X6;Q3U763 Q61687;A0A0G2JFA5;F6R DB7	99	14	605,9986	0,321202	1,107444	Structural maintenance of chromosomes protein 4 OS=Mus musculus OX=10090 GN=Smc4 PE=1 SV=1	7760,468	7360,016	6079,01	7962,293	9263,327	8300,485	7515,445	7182,767
P48428;A0A1Y7VJ48 P63073;A0A0G2JFB4;A0A 0G2JG98;A0A0G2JGT5;A0 A0G2JH04	26	3	133,2548	0,321809	1,579303	Transcriptional regulator ATRX OS=Mus musculus OX=10090 GN=Atrx PE=1 SV=3	67,02154	99,86861	24,7122	62,00819	93,19298	143,6839	46,63306	60,31946
P13439	15	7	95,1076	0,321958	1,35796	Tubulin-specific chaperone A OS=Mus musculus OX=10090 GN=Tbca PE=1 SV=3	3946,309	1484,266	3811,496	2492,469	4151,767	2641,374	4034,914	4326,566
	10	5	80,9377	0,321996	1,129867	Eukaryotic translation initiation factor 4E OS=Mus musculus OX=10090 GN=Eif4e PE=1 SV=1	5591,989	5751,085	4615,624	5577,444	6193,21	6814,371	4974,368	5467,285
	26	5	183,5927	0,322752	1,228966	Uridine 5'-monophosphate synthase OS=Mus musculus OX=10090 GN=Umps PE=1 SV=3	2120,12	2180,112	2688,984	1986,199	1861,164	2773,298	2944,606	2619,256

P05132	9	1	61,7856	0,322909	1,672009	cAMP-dependent protein kinase catalytic subunit alpha OS=Mus musculus OX=10090 GN=Prkaca PE=1 SV=3	306,7837	479,2028	257,9516	540,0078	873,9341	391,4736	256,5999	325,4554
P11627;F6UJL7	39	3	208,0288	0,323485	1,460482	Neural cell adhesion molecule L1 OS=Mus musculus OX=10090 GN=L1cam PE=1 SV=1	175,1909	86,94893	464,912	255,823	461,6702	283,7583	219,4504	470,592
B2RQC6;E9QAI5;E9QAT6;G3UWN2	102	25	632,2594	0,325108	1,119575	CAD protein OS=Mus musculus OX=10090 GN=Cad PE=1 SV=1	15248,73	12290,53	14360,18	15929,53	17548,31	14977,1	15093,53	13670,01
Q9D7N3	24	6	138,5369	0,325289	1,105023	28S ribosomal protein S9, mitochondrial OS=Mus musculus OX=10090 GN=Mrps9 PE=1 SV=3	2145,189	2067,386	1660,636	2099,977	1847,971	1772,221	1726,167	1869,047
Q5XJY5	45	11	302,393	0,325724	1,368894	Coatomer subunit delta OS=Mus musculus OX=10090 GN=Arcn1 PE=1 SV=2	6960,734	4980,802	1952,031	9297,155	10286,34	6830,328	8038,947	6590,031
P62855	9	5	45,6538	0,326323	1,705796	40S ribosomal protein S26 OS=Mus musculus OX=10090 GN=Rps26 PE=1 SV=3	20570,8	6958,357	3378,95	32238,51	32788,71	5440,393	26980,01	22312,7
G3UWI4	1	1	5,0029	0,326715	1,408896	Death domain-associated protein 6 (Fragment) OS=Mus musculus OX=10090 GN=Daxx PE=1 SV=8	170,8345	392,0528	410,6623	279,2868	470,1005	389,376	368,4417	283,3293
O08914	8	1	53,3811	0,327078	2,189822	Fatty-acid amide hydrolase 1 OS=Mus musculus OX=10090 GN=Faah PE=1 SV=1	1387,187	503,4801	608,5047	1766,09	6,941181	424,4714	723,6356	792,7185
Q9R0Q6;A0A0G2JF52	6	1	33,2388	0,327848	1,172401	Actin-related protein 2/3 complex subunit 1A OS=Mus musculus OX=10090 GN=Arpc1a PE=1 SV=1	1512,749	1481,708	1312,784	1664,127	1613,75	1466,614	1645,02	1507,49
Q9CQ62	17	5	107,1453	0,329554	1,128174	2,4-dienoyl-CoA reductase [(3E)-enoyl-CoA-producing], mitochondrial OS=Mus musculus OX=10090 GN=Decr1 PE=1 SV=1	5415,345	5228,115	4444,021	5412,859	5120,628	5112,919	3818,38	4119,329
Q6PCP5;EOCYB9;EOCYI3;F6VAL0;F7B1A4;F7BC60;F7C TF8	14	2	101,7746	0,330363	1,185163	Mitochondrial fission factor OS=Mus musculus OX=10090 GN=Mff PE=1 SV=1	2783,705	2824,888	2761,461	2885,169	1774,703	2935,48	2432,304	2354,29
Q9JJI8	6	2	43,8097	0,330637	1,378099	60S ribosomal protein L38 OS=Mus musculus OX=10090 GN=Rpl38 PE=1 SV=3	410,7932	535,8309	731,4048	371,1848	345,5909	422,6472	428,8201	501,6058
P48725	14	3	84,5188	0,330683	1,193079	Pericentrin OS=Mus musculus OX=10090 GN=Pcnt PE=1 SV=2	19924,84	21981,27	26228,56	17000,76	14340,86	17785,35	17277,84	21953,72
P61327;A0A023T778;G3UZW7;Q9CQL1	6	3	83,0459	0,331167	1,157565	Protein mago nashi homolog OS=Mus musculus OX=10090 GN=Magoh PE=2 SV=1	6309,248	6717,001	7109,31	7598,331	9967,039	7393,682	6198,706	7719,021
Q9ES97	39	6	237,5073	0,331338	1,221159	Reticulon-3 OS=Mus musculus OX=10090 GN=Rtn3 PE=1 SV=2	5492,867	4373,52	4482,915	5152,704	4097,582	4754,472	3703,533	4205,533
Q8K2J0;F7AAE0	8	1	42,7369	0,331383	1,390641	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-3 OS=Mus musculus OX=10090 GN=Plcd3 PE=1 SV=2	1311,81	1856,757	1558,745	1753,939	1347,333	2672,552	986,0106	1035,544
P63085;A0A338P736	27	3	164,5468	0,331496	2,226845	Mitogen-activated protein kinase 1 OS=Mus musculus OX=10090 GN=Mapk1 PE=1 SV=3	480,4759	1511,579	1578,114	289,426	516,0652	347,974	327,5555	541,6179
Q8C0R0	2	1	9,127	0,333614	1,252267	Ubiquitin carboxyl-terminal hydrolase 37 OS=Mus musculus OX=10090 GN=Usp37 PE=1 SV=1	585,8445	488,0752	519,0862	414,5989	451,4773	397,4669	277,111	477,1208

Q9Z2E3	3	1	13,8782	0,333664	1,53637	Serine/threonine-protein kinase/endoribonuclease IRE2 OS=Mus musculus OX=10090 GN=Ern2 PE=2 SV=2	288,8658	192,7912	231,089	106,1414	77,31026	82,36654	167,7429	205,5817
Q8K2T8	5	1	30,3803	0,334545	2,185988	RNA polymerase II-associated factor 1 homolog OS=Mus musculus OX=10090 GN=Paf1 PE=1 SV=1	217,3773	47,47863	42,84314	1021,946	557,171	13,83282	728,7502	840,5161
Q9D8N0	69	31	361,1564	0,335002	1,183465	Elongation factor 1-gamma OS=Mus musculus OX=10090 GN=Eef1g PE=1 SV=3	55200,84	34277,4	51505,78	64521,82	68568,21	61609,41	56520,28	52847,16
E9Q696;P06240	17	2	82,8252	0,335043	1,37902	Tyrosine-protein kinase OS=Mus musculus OX=10090 GN=Lck PE=1 SV=1	1016,651	1320,101	2391,722	999,4607	1269,161	980,4413	988,7084	915,317
A2ALL9	32	1	195,9369	0,335291	1,648162	Calcium-transporting ATPase OS=Mus musculus OX=10090 GN=Atp2b3 PE=1 SV=1	210,6937	331,6616	349,0714	142,8877	59,59683	65,286	167,3941	335,2794
Q99LC3	23	5	173,8972	0,33617	1,102798	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial OS=Mus musculus OX=10090 GN=Ndufa10 PE=1 SV=1	7841,466	7731,691	7272,018	7898,656	8288,022	7792,418	6647,262	6057,667
P60335;A0A087WR61;A0A087WSI1;A0A0R4J044;A0A1L1S099;A0A1L1SUS5;P57724	37	9	202,7067	0,336285	1,20343	Poly(rC)-binding protein 1 OS=Mus musculus OX=10090 GN=Pcbp1 PE=1 SV=1	26309,19	22784,96	16010,83	28539,76	35033,15	24160,88	27860,51	25640,37
Q5SW75;A0A0R4J2A0	5	1	23,2505	0,336302	1,181396	Protein phosphatase Slingshot homolog 2 OS=Mus musculus OX=10090 GN=Ssh2 PE=1 SV=2	873,1564	836,8813	970,1444	826,958	1087,456	1132,241	799,7398	1003,954
Q64279	1	1	4,8865	0,336474	1,348751	Heart- and neural crest derivatives-expressed protein 1 OS=Mus musculus OX=10090 GN=Hand1 PE=1 SV=1	12384,12	2793,281	8710,698	11716,35	12098,83	10481,22	12992,86	12448,62
Q5NCM5;J3QNT7;Q5NCM6	6	1	32,3051	0,33648	1,487317	Epsin-2 OS=Mus musculus OX=10090 GN=Epn2 PE=1 SV=1	7410,12	4216,261	3178,936	6815,192	4600,218	8675,385	7481,942	11189,77
O70166	1	1	10,4922	0,336511	1,854624	Stathmin-3 OS=Mus musculus OX=10090 GN=Stmn3 PE=1 SV=1	365,1799	589,1339	264,9666	847,3073	926,9873	392,6318	370,8799	377,9095
Q91Z49	3	1	15,1997	0,336841	1,495691	UAP56-interacting factor OS=Mus musculus OX=10090 GN=Fytd1 PE=1 SV=1	1283,081	598,8554	1875,366	775,9368	1036,169	369,9044	1036,734	1207,3
Q9CZU6	57	16	324,0819	0,336982	1,149049	Citrate synthase, mitochondrial OS=Mus musculus OX=10090 GN=Cs PE=1 SV=1	50886,85	40167,52	39044,34	47233,11	30087,67	46623,01	39978,84	37639,71
A0A0G2JFH2	81	9	567,2883	0,337652	1,436126	Microtubule-associated protein (Fragment) OS=Mus musculus OX=10090 GN=Map4 PE=1 SV=1	12189,49	4790,09	4128,72	14856,52	15805,19	5299,294	13165,39	12598,42
Q8BHD7;G3UXZ8;G3UY95;G3UZ01	26	2	155,6051	0,337712	5,806208	Polypyrimidine tract-binding protein 3 OS=Mus musculus OX=10090 GN=Ptbp3 PE=1 SV=1	149,5146	3443,075	316,8121	191,0288	127,1305	156,7634	166,1589	256,1621
Q14C59	5	1	24,2898	0,337715	1,734204	Transmembrane protease serine 11B-like protein OS=Mus musculus OX=10090 GN=Tmprss11b PE=2 SV=2	61,79661	52,75059	21,48802	36,81895	3,767419	64,03091	13,70585	18,16933

P30999;D3Z2H2;D3Z7H6;E9Q8Z4;E9Q8Z5;E9Q8Z6;E9Q8Z8;E9Q8Z9;E9Q901;E9Q903;E9Q904;E9Q905;E9Q906;E9Q907;E9Q986;G3X9V2	8	2	38,7777	0,337818	2,024209	Catenin delta-1 OS=Mus musculus OX=10090 GN=Ctnnd1 PE=1 SV=2	249,5288	166,7923	178,8417	419,3547	1140,758	301,446	277,6513	333,74
P48771	4	2	36,4541	0,337885	1,162803	Cytochrome c oxidase subunit 7A2, mitochondrial OS=Mus musculus OX=10090 GN=Cox7a2 PE=1 SV=2	5617,494	4677,921	4388,202	3861,451	3241,726	4452,292	4380,567	4089,257
O54908	4	2	27,8095	0,338089	1,162076	Dickkopf-related protein 1 OS=Mus musculus OX=10090 GN=Dkk1 PE=1 SV=2	119418,5	106319,1	110600	120425	111533	116176,9	94851,86	93503,34
P49312;Q5EBP8	76	32	393,6764	0,338158	1,129797	Heterogeneous nuclear ribonucleoprotein A1 OS=Mus musculus OX=10090 GN=Hnrnpa1 PE=1 SV=2	103941,6	89568,59	79807,15	106614,1	81405,33	91401,71	84138,81	87583,89
Q99PW8;A2AM74	9	2	46,4266	0,33816	1,265191	Kinesin-like protein KIF17 OS=Mus musculus OX=10090 GN=Kif17 PE=1 SV=1	506,1136	763,6721	718,4114	447,2275	599,0882	667,1089	829,1265	985,9546
Q91X20;D6RI55;E9PU93	16	1	80,2924	0,338309	1,237166	Set1/Ash2 histone methyltransferase complex subunit ASH2 OS=Mus musculus OX=10090 GN=Ash2l PE=1 SV=1	2804,901	2166,318	3643,289	2792,984	2505,008	2983,363	2174,945	1994,817
O54825	23	3	153,4265	0,33836	1,674669	Bystin OS=Mus musculus OX=10090 GN=Bysl PE=1 SV=3	1135,642	1260,326	3090,39	1084,766	350,6067	1471,385	1060,161	1093,497
P01942;P06467;Q91VB8	18	5	73,6995	0,338665	1,284406	Hemoglobin subunit alpha OS=Mus musculus OX=10090 GN=Hba PE=1 SV=2	974,7149	909,2265	1712,872	1292,975	1207,034	992,1977	1410,81	1634,896
Q6P9J9;A0A2I3BPX3	2	1	13,9773	0,338833	1,442915	Anoctamin-6 OS=Mus musculus OX=10090 GN=Ano6 PE=1 SV=1	389,7949	219,2359	206,7878	491,8709	523,4248	249,7626	226,7592	335,1155
Q8BH53;F6S241	4	1	24,0692	0,339522	1,561547	Cilia- and flagella-associated protein 69 OS=Mus musculus OX=10090 GN=Cfap69 PE=1 SV=1	224,4832	164,3646	242,7737	304,4069	241,961	127,8581	394,1885	309,21
Q9DBD5;Q9D4T3	16	3	90,7126	0,339805	1,288183	Proline-, glutamic acid- and leucine-rich protein 1 OS=Mus musculus OX=10090 GN=Pelp1 PE=1 SV=2	2813,624	2255,887	1277,831	2887,058	3231,209	3885,042	2509,916	2269,426
Q8BHC4;B0QZX9	23	7	179,4474	0,339894	4,036585	Dephospho-CoA kinase domain-containing protein OS=Mus musculus OX=10090 GN=Dcakd PE=1 SV=1	1760,497	21008,97	1731,757	1884,643	1643,173	1402,468	1936,78	1554,259
A0A0N4SW93	4	1	24,1434	0,340379	1,14838	C2 domain-containing protein 5 OS=Mus musculus OX=10090 GN=C2cd5 PE=1 SV=1	6283,293	4271,788	4383,839	5683,863	5967,881	5907,555	4869,481	5899,099
G3X9V0;P97372	4	1	27,1011	0,340659	1,981784	Proteasome activator complex subunit 2 OS=Mus musculus OX=10090 GN=Psmc2 PE=1 SV=1	380,7767	267,7504	58,97997	627,6045	157,5359	2,721864	220,8312	292,603
Q8R1S0;D3YW66	8	2	30,3193	0,340855	1,318763	Ubiquinone biosynthesis monooxygenase COQ6, mitochondrial OS=Mus musculus OX=10090 GN=Coq6 PE=1 SV=3	462,2082	481,3958	416,7091	464,2939	773,8168	576,8731	431,2399	460,5791



O35972;A0A1B0GQZ1;A0A1B0GSZ9	6	3	50,2725	0,341428	1,095001	39S ribosomal protein L23, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl23 PE=1 SV=1	1085,519	1159,14	1060,75	1113,099	1158,512	1023,315	916,6963	936,6427
D3Z623;A0A1L1SS16	5	1	32,5945	0,341852	1,97676	RIKEN cDNA 9330159F19 gene OS=Mus musculus OX=10090 GN=9330159F19Rik PE=1 SV=2	96,27588	92,43085	82,10751	48,25403	21,19794	47,2919	100,014	23,1333
P97807;H3BKG7	49	17	378,5737	0,342028	1,076972	Fumarate hydratase, mitochondrial OS=Mus musculus OX=10090 GN=Fh PE=1 SV=3	37854,66	33157,12	31033,79	36212,01	33467,51	34993,39	30307,63	29607,63
Q05920;A0A286YCC5;A0A494B912;A0A494B951;E9QPD7;G5E8R3	52	15	342,9328	0,34238	1,290944	Pyruvate carboxylase, mitochondrial OS=Mus musculus OX=10090 GN=Pc PE=1 SV=1	2961,549	1817,432	1823,371	3264,053	2322,901	1282,447	2022,62	2306,259
Q80ZX0;F6YIN5	29	5	206,5892	0,34292	1,150288	Sec24-related gene family, member B (S. cerevisiae) OS=Mus musculus OX=10090 GN=Sec24b PE=1 SV=1	1854,088	1981,709	2087,45	1896,143	1726,337	1244,012	1880,22	1947,198
B1AZI6	6	2	39,8604	0,342954	1,172567	THO complex subunit 2 OS=Mus musculus OX=10090 GN=Thoc2 PE=1 SV=1	1044,908	876,468	752,1444	997,1906	922,864	806,9532	644,2167	838,662
Q9Z0N2	25	1	182,6403	0,343756	1,290336	Eukaryotic translation initiation factor 2 subunit 3, Y-linked OS=Mus musculus OX=10090 GN=Eif2s3y PE=1 SV=2	684,8135	316,4341	645,085	773,8684	968,1777	814,7281	758,613	581,3534
Q9Z2C8	7	1	30,5135	0,344629	4,705804	Y-box-binding protein 2 OS=Mus musculus OX=10090 GN=Ybx2 PE=1 SV=1	145,1258	2171,313	152,5532	169,8615	144,7344	168,1283	154,0321	93,87093
P47867	31	10	219,4377	0,34467	1,245354	Secretogranin-3 OS=Mus musculus OX=10090 GN=Scg3 PE=1 SV=1	3759,677	2819,309	2502,308	3978,643	5068,183	2901,629	3092,597	3760,891
Q99PU8;A0A0G2JGL1;A0A0G2JGL8	55	10	311,6291	0,344989	1,066863	ATP-dependent RNA helicase DHX30 OS=Mus musculus OX=10090 GN=Dhx30 PE=1 SV=1	4017,405	3979,847	3730,315	4437,144	3740,098	3886,939	3674,972	3849,625
Q91VI7;A0A1B0GRG4;A0A1B0GRY7;A0A1B0GSG5	25	5	206,1747	0,345055	1,183224	Ribonuclease inhibitor OS=Mus musculus OX=10090 GN=Rnh1 PE=1 SV=1	2187,953	2555,324	3508,951	2621,015	3203,759	3090,471	3097,143	2949,018
Q921G7;Q6PF96	40	10	224,8564	0,346218	1,159331	Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial OS=Mus musculus OX=10090 GN=Etfdh PE=1 SV=1	6459,638	6465,035	5632,476	6810,998	8786,466	7749,457	6478,4	6395,761
P18155;A0A0N4SVS2;A0A0N4SVW2	27	6	176,1287	0,346778	1,278262	Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial OS=Mus musculus OX=10090 GN=Mthfd2 PE=1 SV=1	3229,118	2546,459	1393,44	2252,019	1666,85	2104,684	1491,915	2110,458
Q99J38	5	1	32,8856	0,346779	1,589291	Tetratricopeptide repeat protein 30A1 OS=Mus musculus OX=10090 GN=Ttc30a1 PE=1 SV=1	2138,999	2598,747	1447,711	2126,878	2402,713	6800,717	2024,315	1982,976
Q9CXY9;E9Q421;Q8BL63;Q8BXX3	19	4	98,2447	0,346926	1,154181	GPI-anchor transamidase OS=Mus musculus OX=10090 GN=Pigk PE=1 SV=2	2274,179	2221,75	2289,879	2789,2	2435,603	1847,403	1923,855	2550,812
Q8K019;A0A087WQA0;A0A087WRN1;F8WI22	55	19	371,3509	0,346957	1,194677	Bcl-2-associated transcription factor 1 OS=Mus musculus OX=10090 GN=Bclaf1 PE=1 SV=2	9361,993	5491,753	7720,21	9469,544	9888,071	8851,371	7510,809	7435,125
Q00422	7	4	32,9882	0,346967	1,183143	GA-binding protein alpha chain OS=Mus musculus OX=10090 GN=Gabpa PE=1 SV=2	1064,212	642,1276	800,4199	1074,176	1243,858	1097,325	920,7381	974,8364

Q9WV55;A0A3B2W837	33	16	179,7893	0,347845	1,270857	Vesicle-associated membrane protein-associated protein A OS=Mus musculus OX=10090 GN=Vapa PE=1 SV=2	17022,21	8358,639	8054,199	17189,41	14427,41	8512,705	14356,98	13948,9
Q8BGW6	6	3	33,4419	0,348561	1,636923	Serine/threonine-protein kinase 32A OS=Mus musculus OX=10090 GN=Stk32a PE=2 SV=1	133,0364	45,67198	52,69825	187,1797	40,92485	21,09668	120,7802	72,91365
Q3V086;Q61496	14	1	71,9964	0,348596	1,551822	RNA helicase OS=Mus musculus OX=10090 GN=Ddx4 PE=1 SV=1	4995,228	209,6947	52,23792	6621,814	4121,151	234,153	4543,549	4253,859
Q8CIE6;F6XJN3;F8WHL2	78	20	517,9807	0,348978	1,143555	Coatomer subunit alpha OS=Mus musculus OX=10090 GN=Copa PE=1 SV=2	18267,02	19382,74	17067,91	16878,5	19515,35	18054,49	13677,73	12311,16
Q9JII5;D3Z4J1;Q3UGB5	19	5	116,5673	0,349384	1,222313	DAZ-associated protein 1 OS=Mus musculus OX=10090 GN=Dazap1 PE=1 SV=2	12450,96	9938,971	6714,95	14324,03	13129,84	8163,846	10755,92	10631,22
O89001	25	4	143,5234	0,34965	1,378534	Carboxypeptidase D OS=Mus musculus OX=10090 GN=Cpd PE=1 SV=2	1015,474	1280,006	1365,376	825,8908	393,8638	1034,597	912,8493	913,415
Q91YU8	12	1	65,706	0,349867	1,412253	Suppressor of SWI4 1 homolog OS=Mus musculus OX=10090 GN=Ppan PE=1 SV=2	544,1016	463,2973	413,8044	796,6346	691,5967	722,5668	479,4872	644,9058
P58774;A2AIM5	37	1	290,2606	0,350207	1,287321	Tropomyosin beta chain OS=Mus musculus OX=10090 GN=Tpm2 PE=1 SV=1	597,2581	640,3913	634,3707	580,9773	510,8087	791,8421	814,634	1040,509
Q3TVA9;D3Z165;E6Y2W6;E6Y2W7;E9QP94;F6VCV9	25	1	135,2329	0,350438	4,645728	Coiled-coil domain-containing protein 136 OS=Mus musculus OX=10090 GN=Ccdc136 PE=1 SV=2	49,00524	819,9288	101,1103	85,43406	45,53638	87,25423	57,66286	36,73985
Q5SYD0	8	2	38,0803	0,350708	1,389376	Unconventional myosin-IId OS=Mus musculus OX=10090 GN=Myo1d PE=1 SV=1	345,171	464,4888	447,5067	202,1465	212,8271	290,9287	215,8968	393,2089
Q9WU40;D3YU56;E9QP59	14	2	80,5584	0,350913	1,255749	Inner nuclear membrane protein Man1 OS=Mus musculus OX=10090 GN=Lemd3 PE=1 SV=2	1000,675	874,0365	955,2689	1000,06	1119,608	1643,264	833,942	1212,757
P61202;A2AQE4	23	3	126,2628	0,350973	1,202988	COP9 signalosome complex subunit 2 OS=Mus musculus OX=10090 GN=Cops2 PE=1 SV=1	1407,172	1445,84	1490,299	1781,557	1307,489	1684,187	1181,921	917,7806
Q6P5F7	7	2	56,9453	0,350987	1,263908	Protein tweety homolog 3 OS=Mus musculus OX=10090 GN=Ttyh3 PE=1 SV=1	4380,854	3062,775	3186,719	5336,454	2778,21	3624,719	3147,769	3584,232
Q8BL43	2	1	12,8741	0,351875	1,24909	Ras association domain-containing protein 10 OS=Mus musculus OX=10090 GN=Rassf10 PE=1 SV=2	4461,37	3383,703	3525,58	4411,015	6248,192	5477,555	3934,925	4052,045
P80313;A0A0N4SUI8;A0A0N4SV00;A0A0N4SV22	61	30	469,2461	0,35199	1,130664	T-complex protein 1 subunit eta OS=Mus musculus OX=10090 GN=Cct7 PE=1 SV=1	46593,42	40383,08	50161,65	50635,52	61438,86	52121,94	49016,42	42381,68
P00342;A0A1B0GRE9;A0A1B0GSR2;D3YVR7;D3YZE4	38	6	244,8161	0,352164	1,117982	L-lactate dehydrogenase C chain OS=Mus musculus OX=10090 GN=Ldhc PE=1 SV=2	1082,651	1045,269	900,8714	948,4989	1073,212	933,406	965,8217	863,2924
Q8BXV2;A0A0G2JGEO	4	1	27,6134	0,352331	1,178765	BRI3-binding protein OS=Mus musculus OX=10090 GN=Bri3bp PE=1 SV=1	2838,914	3664,67	3796,649	3770,655	2358,323	3328,141	3100,1	3150,41
Q6XUX1;A0A087WP69;A0A087WQX0	14	1	66,0342	0,35248	1,488174	Dual serine/threonine and tyrosine protein kinase OS=Mus musculus OX=10090 GN=Dstyk PE=1 SV=1	1817,939	647,3597	1556,415	2432,985	2984,646	3163,135	1783,167	1674,769

Q9ROU0;Q3TFPO	13	2	75,6754	0,352522	1,198903	Serine/arginine-rich splicing factor 10 OS=Mus musculus OX=10090 GN=Srsf10 PE=1 SV=2	1221,919	1248,975	1198,258	1584,186	1703,224	1534,68	1869,965	1190,376
Q69Z69	4	1	18,5198	0,353004	1,819127	N-acetyltransferase ESCO1 OS=Mus musculus OX=10090 GN=Esco1 PE=2 SV=2	257,8615	211,5911	0	286,3902	218,6789	157,5175	327,6882	451,2368
H3BLH0;E9QAB8	28	1	187,8343	0,353237	2,119013	Probable global transcription activator SNF2L2 OS=Mus musculus OX=10090 GN=Smarca2 PE=1 SV=1	450,7725	63,16883	222,3584	275,268	146,7914	28,31536	255,5351	158,3441
A0A0B4J1E2;Q9CSN1	38	8	242,6779	0,353395	1,194066	SNW domain-containing protein 1 OS=Mus musculus OX=10090 GN=Snw1 PE=1 SV=1	2196,453	1167,793	2219,699	2503,56	2850,543	2225,738	2562,584	1942,887
Q9D6T0;A0A1B0GS48;A0A1B0GSR8;A0A1B0GT07	17	2	93,9992	0,353825	1,762179	Nitric oxide synthase-interacting protein OS=Mus musculus OX=10090 GN=Nosip PE=1 SV=1	261,141	855,8326	332,2669	256,2389	268,4543	446,7927	256,133	141,7147
Q149F3	24	1	152,008	0,353916	1,685893	Eukaryotic peptide chain release factor GTP-binding subunit ERF3B OS=Mus musculus OX=10090 GN=Gsp2 PE=1 SV=1	40,34736	26,40974	21,1183	46,80638	33,56228	26,60763	83,08179	83,80735
Q3UYCO	2	1	13,4442	0,354342	1,189955	Protein phosphatase 1H OS=Mus musculus OX=10090 GN=Ppm1h PE=1 SV=1	1781,268	1172,4	1736,007	1658,734	2002,465	2238,178	1734,986	1578,693
Q91YH5;A0A494BAU1;A0A494BAX8;E9PYT3	13	2	80,8806	0,354484	1,229808	Atlastin-3 OS=Mus musculus OX=10090 GN=Atl3 PE=1 SV=1	555,9653	708,3239	740,2979	550,7824	396,6923	671,4134	598,9037	627,0714
P54116	28	13	153,9756	0,355016	1,178802	Stomatin OS=Mus musculus OX=10090 GN=Stom PE=1 SV=3	10035,82	8059,241	7769,193	9115,701	11425,91	12464,72	8098,062	7923,758
P05201;F7ALS6	32	11	278,5339	0,355127	1,241326	Aspartate aminotransferase, cytoplasmic OS=Mus musculus OX=10090 GN=Got1 PE=1 SV=3	7671,628	5850,133	9939,463	9923,142	14345,13	9382,623	9015,641	8697,484
Q05816	17	8	119,7532	0,355444	1,161927	Fatty acid-binding protein 5 OS=Mus musculus OX=10090 GN=Fabp5 PE=1 SV=3	20311,11	16361,95	18067,05	22941,61	26860,46	23431,46	20375,57	17760,57
Q8BFZ9;A0A1B0GQZ0;A0A1B0GRG7;A0A1B0GRQ1;A0A1B0GSD8;A0A1B0GT43;A0A1B0GT70	27	9	188,3491	0,355692	1,134253	Erlin-2 OS=Mus musculus OX=10090 GN=Erlin2 PE=1 SV=1	6663,834	5307,13	4496,279	6456,65	6206,778	6212,105	5540,315	5021,873
Q8BG16	4	1	17,5185	0,356063	1,695091	Sodium-dependent neutral amino acid transporter B(0)AT2 OS=Mus musculus OX=10090 GN=Slc6a15 PE=1 SV=1	247,6548	266,2306	209,7507	125,6042	89,24886	132,9948	285,1635	411,9138
P14824;F8WIT2	91	38	609,3864	0,356146	1,076443	Annexin A6 OS=Mus musculus OX=10090 GN=Anxa6 PE=1 SV=3	23485,76	24968,5	28208,33	27024,77	28836,72	23913,69	25319,08	25045,6
P97855	41	13	305,7592	0,356327	1,188117	Ras GTPase-activating protein-binding protein 1 OS=Mus musculus OX=10090 GN=G3bp1 PE=1 SV=1	29344,95	19129,87	24084,77	34798,6	35839,2	35046,33	27194,63	27175,86
A0A1Y7VIT3	9	1	40,8903	0,357058	1,349722	Ras and EF-hand domain-containing protein homolog OS=Mus musculus OX=10090 GN=Rasef PE=1 SV=1	972,4899	489,1888	145,3505	961,0733	1111,417	872,8952	676,8108	805,1022
Q8JZQ2	30	3	194,7303	0,357113	1,230704	AFG3-like protein 2 OS=Mus musculus OX=10090 GN=Afg3l2 PE=1 SV=1	9517,426	6878,921	5130,271	11123,19	11671,6	12374,52	8003,794	8132,336

E9Q3V9;E9Q9Q9;F6YP92; H7BX15;Q80TR1	9	1	60,7292	0,357369	1,724109	Adhesion G protein-coupled receptor L1 OS=Mus musculus OX=10090 GN=Adgrl1 PE=1 SV=1	69,55001	41,32472	187,6698	3,197749	18,25921	90,90037	186,6075	164,8122
Q6PEV3;D3Z0K7 Q9D6Z1;A2APD7;E0CXZ0;F 6U250;F6USW7;F6V095;F 7CHP9;F7CHQ7	3	1	18,1792	0,357763	1,8286	WAS/WASL-interacting protein family member 2 OS=Mus musculus OX=10090 GN=Wipf2 PE=1 SV=1	42445,45	14935,74	7381,811	37263,3	8383,513	48571,7	49511,11	54067,19
Q9JI91;A0A1Y7VMW4	57	18	399,6119	0,35812	1,068261	Nucleolar protein 56 OS=Mus musculus OX=10090 GN=Nop56 PE=1 SV=2	17000,25	16082,65	15641,77	16700,26	16356,12	16737,99	14239,08	13911,12
Q62186;Q9D8L3	63	9	502,2487	0,358447	1,190265	Alpha-actinin-2 OS=Mus musculus OX=10090 GN=Actn2 PE=1 SV=2	2805,659	2086,332	2493,215	2488,973	2856,002	1856,74	1716,332	1866,707
Q8C5L7;A0A1D5RLR3	9	1	86,2635	0,358515	1,156603	Translocon-associated protein subunit delta OS=Mus musculus OX=10090 GN=Ssr4 PE=1 SV=1	6206,245	6337,089	5669,709	6231,666	6268,711	6635,189	5170,183	4038,283
Q9D338	20	6	147,8306	0,358527	1,189826	RNA-binding protein 34 OS=Mus musculus OX=10090 GN=Rbm34 PE=1 SV=2	4967,962	4104,532	4084,369	6023,92	5282,867	4789,725	3904,247	3924,128
P62897	10	2	68,0938	0,359473	1,591264	39S ribosomal protein L19, mitochondrial OS=Mus musculus OX=10090 GN=Mrlp19 PE=1 SV=1	1294,064	755,5052	556,0855	1423,311	901,8664	148,0038	671,7419	810,3153
E9Q9B7;A0A1Y7VMH7;A0 A1Y7VNF8	20	7	122,457	0,359584	1,230162	Cytochrome c, somatic OS=Mus musculus OX=10090 GN=Cycc PE=1 SV=2	5651,514	4180,202	2288,571	4206,134	5602,553	3484,571	3984,557	3562,502
Q9R0P9	47	2	263,2898	0,359721	1,264807	Kinase D-interacting substrate 220 OS=Mus musculus OX=10090 GN=Kidins220 PE=1 SV=1	11156,4	14665,34	11121,29	15059,67	13018,01	14435,34	10325,19	6958,128
Q8K297	52	21	264,9028	0,359858	1,188008	Ubiquitin carboxyl-terminal hydrolase isozyme L1 OS=Mus musculus OX=10090 GN=Uchl1 PE=1 SV=1	6606,056	5479,324	6925,887	8306,72	5941,77	8807,196	8763,243	7536,376
Q91YX5;E9QL80	33	12	254,6452	0,360584	1,16633	Procollagen galactosyltransferase 1 OS=Mus musculus OX=10090 GN=Colgalt1 PE=1 SV=2	13407,75	10207,23	12853,55	14629,41	16703,1	16779,5	12304,53	13809,92
Q99J62;D6RGM1;Q3UI84	2	1	9,584	0,360692	1,53633	Acyl-CoA:lysophosphatidylglycerol acyltransferase 1 OS=Mus musculus OX=10090 GN=Lpgat1 PE=1 SV=1	975,9056	566,4089	427,0802	1209,988	449,7278	212,3602	697,5011	709,8777
P61021	14	1	93,1003	0,360734	1,253132	Replication factor C subunit 4 OS=Mus musculus OX=10090 GN=Rfc4 PE=1 SV=1	2572,628	2033,685	3399,998	3273,393	2857,331	3273,479	2655,437	2082,999
Q9CQV6;M0QWC2	13	1	84,282	0,360745	1,152726	Ras-related protein Rab-5B OS=Mus musculus OX=10090 GN=Rab5b PE=1 SV=1	313,498	290,0142	290,6018	410,4927	311,8651	324,8277	258,5682	236,4969
P26339	5	1	21,5431	0,360929	1,434191	Microtubule-associated proteins 1A/1B light chain 3B OS=Mus musculus OX=10090 GN=Map1lc3b PE=1 SV=3	965,5253	313,2703	536,2063	768,0859	974,5499	1076,282	684,1342	729,7727
Q6ZWX6	26	12	178,5264	0,361303	1,323347	Chromogranin-A OS=Mus musculus OX=10090 GN=Chga PE=1 SV=1	13424,8	6563,879	5411,487	13576,35	14310,14	8139,675	10610,17	10592,52
	33	13	275,2705	0,361313	1,112157	Eukaryotic translation initiation factor 2 subunit 1 OS=Mus musculus OX=10090 GN=Eif2s1 PE=1 SV=3	12160,75	11756,8	12169,05	14938,05	16117,1	14430,03	13834,02	12309,5

Q9Z315	47	14	298,6588	0,36152	1,250744	U4/U6.U5 tri-snRNP-associated protein 1 OS=Mus musculus OX=10090 GN=Sart1 PE=1 SV=1	4186,808	2779,782	3443,163	4106,554	6593,699	3873,712	3809,513	3879,259
O55143	75	16	566,3389	0,362462	1,189137	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 OS=Mus musculus OX=10090 GN=Atp2a2 PE=1 SV=2	19417,6	12736,85	18450,66	21607,79	15378,06	14334,41	17306,56	14607,01
Q6PHN9	17	1	109,9062	0,362475	1,264667	Ras-related protein Rab-35 OS=Mus musculus OX=10090 GN=Rab35 PE=1 SV=1	106,5255	85,14439	79,69251	111,6602	97,3713	160,4517	106,9401	119,633
O35690	15	4	95,6363	0,362638	1,200741	Paired mesoderm homeobox protein 2B OS=Mus musculus OX=10090 GN=Phox2b PE=1 SV=1	1022,516	977,0213	1016,208	909,9249	568,4113	1017,013	887,3156	796,6329
P80315;G3UXF3;G3UXG2;G3UYW5;G5E839	67	22	445,0596	0,363818	1,16917	T-complex protein 1 subunit delta OS=Mus musculus OX=10090 GN=Cct4 PE=1 SV=3	45950,05	28297,09	57128,03	46176,29	58715,65	51081,4	48774,89	49015,82
Q9CQU0	10	2	48,0172	0,363926	1,121097	Thioredoxin domain-containing protein 12 OS=Mus musculus OX=10090 GN=Txndc12 PE=1 SV=1	7487,051	6542,743	5920,358	7334,135	7567,128	7387,93	5530,637	6049,594
Q5SWD9	16	1	105,6121	0,36464	2,556109	Pre-rRNA-processing protein TSR1 homolog OS=Mus musculus OX=10090 GN=Tsr1 PE=1 SV=1	444,1646	87,49562	83,70811	497,3992	126,6444	3,107302	191,5822	114,0024
Q8R1Q8	34	10	231,281	0,364929	1,472549	Cytoplasmic dynein 1 light intermediate chain 1 OS=Mus musculus OX=10090 GN=Dync1li1 PE=1 SV=1	12018,15	9165,161	7976,249	10888,61	5016,845	2548,679	3782,762	6815,132
P10711;E9PYD5	27	8	220,117	0,365371	1,387928	Transcription elongation factor A protein 1 OS=Mus musculus OX=10090 GN=Tcea1 PE=1 SV=2	5384,488	5979,585	3145,977	7410,455	9287,054	5105,359	7130,813	6377,505
Q61191;B1AUX2;F6SJS2	29	1	160,314	0,365816	1,304796	Host cell factor 1 OS=Mus musculus OX=10090 GN=Hcfc1 PE=1 SV=2	4057,217	2446,288	2654,379	4354,717	4919,463	2227,663	3962,707	4571,271
Q9D6U8	13	7	74,1294	0,36644	1,171934	Protein FAM162A OS=Mus musculus OX=10090 GN=Fam162a PE=1 SV=1	10389,04	10700	8202,132	13220,26	14060,83	9319,194	11728,19	10558,83
Q9Z1M8;A0A494BAW7	28	8	166,3585	0,366668	1,168127	Protein Red OS=Mus musculus OX=10090 GN=Ik PE=1 SV=2	3001,49	2385,751	2437,459	3434,302	4025,212	2679,172	2952,707	2948,915
P55821	14	1	90,3076	0,366697	1,38119	Stathmin-2 OS=Mus musculus OX=10090 GN=Stmn2 PE=1 SV=1	6826,694	2915,585	1973,058	8739,109	9496,137	3554,216	7438,195	5988,098
O88291;A0A0R4J098;D3YXQ7	24	6	148,4918	0,366911	1,439644	DBIRD complex subunit ZNF326 OS=Mus musculus OX=10090 GN=Znf326 PE=1 SV=1	11149,19	3719,869	3279,587	10991,24	10632,38	3149,791	8740,288	8549,178
P54227;D3Z1Z8;D3Z5N2	26	10	187,3591	0,368381	1,339641	Stathmin OS=Mus musculus OX=10090 GN=Stmn1 PE=1 SV=2	26609,43	13877,7	9727,92	32553,36	39376,99	15993,56	30308,5	22890,99
Q8BGT6;A0A2R8W6G4	7	1	32,4318	0,368586	2,445656	MICAL-like protein 1 OS=Mus musculus OX=10090 GN=Micall1 PE=1 SV=3	93,09995	50,45725	150,9103	50,64986	0	37,55156	48,7679	91,99829
Q9JHU9	15	2	76,0745	0,368677	1,277602	Inositol-3-phosphate synthase 1 OS=Mus musculus OX=10090 GN=Isyna1 PE=1 SV=1	4822,51	3397,517	5113,494	6819,82	6366,4	5518,004	4786,826	6746,934
Q9CTY5	7	3	31,963	0,368789	1,170165	Calcium uptake protein 3, mitochondrial OS=Mus musculus OX=10090 GN=Micu3 PE=2 SV=2	3759,085	3921,845	3109,26	4061,965	3738,889	4044,555	2907,526	2781,748

D3Z383;D3Z3U2;Q07646	14	6	102,2538	0,368876	1,244488	Mesoderm-specific transcript protein OS=Mus musculus OX=10090 GN=Mest PE=1 SV=2	4982,356	5362,815	5954,652	5916,74	6641,424	5771,732	4759,162	3106,735
Q5ND34	8	1	40,443	0,368971	1,918378	WD repeat-containing protein 81 OS=Mus musculus OX=10090 GN=Wdr81 PE=1 SV=2	1373,047	184,8002	2505,298	1205,902	835,3898	41,20974	975,9423	1728,099
Q5DTM8;A2AIR0;A2AIR1;A2AIR2	8	1	37,226	0,370385	1,443443	E3 ubiquitin-protein ligase BRE1A OS=Mus musculus OX=10090 GN=Rnf20 PE=1 SV=2	612,7095	313,4165	488,9703	547,3684	221,4821	90,80581	595,6407	511,4674
Q921T2;D3YXF8;E9PWW2;J3QQ40;Q3UE61	20	4	127,3628	0,370562	1,63138	Torsin-1A-interacting protein 1 OS=Mus musculus OX=10090 GN=Tor1aip1 PE=1 SV=3	792,6996	425,7319	174,5212	1455,928	1378,938	260,5832	1224,149	949,6096
P47964	10	1	80,8693	0,37138	1,137918	60S ribosomal protein L36 OS=Mus musculus OX=10090 GN=Rpl36 PE=1 SV=2	3224,633	3301,032	3101,949	2985,166	3487,209	2985,566	2620,002	1991,304
P25444;D3YVC1;D3YVJ3	38	13	232,7009	0,371383	1,268866	40S ribosomal protein S2 OS=Mus musculus OX=10090 GN=Rps2 PE=1 SV=3	8492,472	2772,095	8911,794	8067,101	10974,65	8142,203	9989,695	6730,619
Q8CJ40	14	2	67,4511	0,371533	1,274646	Rootletin OS=Mus musculus OX=10090 GN=Crocc PE=1 SV=2	556,5865	266,2739	577,3259	681,4179	715,5193	760,5228	537,2039	640,0623
Q8BTM8;A0A668KLG7;B7FAU9;B7FAV1;F6XC15;F6Z2C0;F7AVL7;J3JS91	132	38	1036,861	0,371823	1,11539	Filamin-A OS=Mus musculus OX=10090 GN=Flna PE=1 SV=5	17984,05	15430,17	19548,77	20691,82	22820,36	20013,15	19709,22	19611,14
Q91V55;D3YYM6;D3Z1S8	39	6	212,6394	0,372471	1,174158	40S ribosomal protein S5 OS=Mus musculus OX=10090 GN=Rps5 PE=1 SV=1	506,934	691,1164	453,5943	497,4131	555,9631	470,7389	626,5933	649,0232
Q9CWL8	25	9	160,1486	0,372588	9,604528	Beta-catenin-like protein 1 OS=Mus musculus OX=10090 GN=Ctnnb1 PE=1 SV=1	3193,184	3014,461	107025,8	3422,594	4174,366	2844,764	2594,301	2532,511
Q0VGU4;A0A087WQ93	92	48	555,5613	0,372653	1,176091	Neurosecretory protein VGF OS=Mus musculus OX=10090 GN=Vgf PE=1 SV=1	43305,31	30453,05	34511,36	45467,96	44254,82	44079,13	35432,75	36697,86
Q04750	57	11	375,1078	0,372748	1,123731	DNA topoisomerase 1 OS=Mus musculus OX=10090 GN=Top1 PE=1 SV=2	12547,03	9741,778	11044,67	14198,55	13173,75	13585,54	10704,13	10490,74
Q8BSY0;A2AL85;Q8CBM2	9	1	53,348	0,372825	1,476929	Aspartyl/asparaginyl beta-hydroxylase OS=Mus musculus OX=10090 GN=Asph PE=1 SV=1	162,641	77,9853	0	361,2913	469,1142	144,1824	151,3892	124,3036
P56812	11	1	72,3173	0,372912	1,315646	Programmed cell death protein 5 OS=Mus musculus OX=10090 GN=Pdcd5 PE=1 SV=3	1416,891	1409,986	2436,496	2260,755	1317,99	1421,033	1978,893	1533,2
P39053;A0A0J9YUE9;A0A0J9YUN4;D6RH60;F6RRH9;F6TH70;F6W8Z8;G3UXX2	51	7	328,2319	0,372978	1,23837	Dynamin-1 OS=Mus musculus OX=10090 GN=Dnm1 PE=1 SV=2	4595,3	3822,142	4199,211	3043,692	2852,635	3718,425	3353,983	2720,891
Q3UA06	15	5	91,898	0,373167	1,105704	Pachytene checkpoint protein 2 homolog OS=Mus musculus OX=10090 GN=Trip13 PE=1 SV=1	1756,698	1935,188	2147,276	1944,772	2024,436	2166,381	1779,519	2155,432
Q99KW3;A0A2U3TZ82	9	1	42,0126	0,37334	1,458362	TRIO and F-actin-binding protein OS=Mus musculus OX=10090 GN=Triobp PE=1 SV=3	199,2523	393,5967	0	83,8308	319,4374	318,3103	108,1045	120,7258
O88986;A0A2R8VHE4;E9PWY6	9	1	54,6643	0,373649	1,679255	2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial OS=Mus musculus OX=10090 GN=Gcat PE=1 SV=2	1042,534	639,1961	600,3032	1062,462	570,6075	0	716,1623	704,8844

O70161;F8WHW6	4	2	25,731	0,374598	1,263314	Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma OS=Mus musculus OX=10090 GN=Pip5k1c PE=1 SV=2	870,9301	1366,482	1420,486	872,0735	854,388	1030,946	1063,286	1342,358
P47915;A0A1L1SS27;A0A1L1SUN1;W4VSN7	17	12	74,3049	0,375151	1,449591	60S ribosomal protein L29 OS=Mus musculus OX=10090 GN=Rpl29 PE=1 SV=2	8228,961	3702,923	4528,175	9273,288	14250,96	8435,496	7625,772	6990,592
E9Q7P1	13	2	65,9441	0,375253	1,532724	Collagen, type XXII, alpha 1 OS=Mus musculus OX=10090 GN=Col22a1 PE=1 SV=1	2061,34	2591,685	1456,628	1608,713	2459,364	3659,742	1310,191	1250,095
Q8K1N4;A0A2R8VJN7;A0A2R8VJY7;A0A2R8W6M8;A0A2R8W6T4	30	4	182,3617	0,375301	1,262213	Spermatogenesis-associated serine-rich protein 2 OS=Mus musculus OX=10090 GN=Spats2 PE=1 SV=1	2391,948	2477,526	4284,476	2332,752	2886,448	2798,903	2115,536	2425,981
Q8R326;F7D909	19	3	146,2717	0,375402	1,204263	Paraspeckle component 1 OS=Mus musculus OX=10090 GN=Pspc1 PE=1 SV=1	3109,245	2228,167	3883,71	3736,802	3574,043	2551,352	3379,733	3963,283
Q60848;D3Z414	10	2	47,2004	0,375847	1,619298	Lymphocyte-specific helicase OS=Mus musculus OX=10090 GN=Hells PE=1 SV=2	176,3019	103,9259	129,8924	249,7232	97,55812	27,43407	107,0672	175,4278
O08600	4	2	19,1611	0,376044	1,176368	Endonuclease G, mitochondrial OS=Mus musculus OX=10090 GN=Endog PE=1 SV=1	700,7873	779,9011	842,6483	666,8881	807,7666	1131,708	681,6846	825,8914
A2AGT5;A0A0R4J0K2;K3W4R5;Z4YL78	118	26	736,0861	0,376318	1,203521	Cytoskeleton-associated protein 5 OS=Mus musculus OX=10090 GN=Ckap5 PE=1 SV=1	10845,68	8743,193	8891,2	12714,84	15869,81	8430,474	11502,23	11605,38
Q99M87	21	1	143,2053	0,376485	3,879137	DnaJ homolog subfamily A member 3, mitochondrial OS=Mus musculus OX=10090 GN=Dnaja3 PE=1 SV=1	636,4882	2669,284	4619,366	924,584	970,6134	8595,956	802,235	615,1315
Q61553;A0A0G2JDU7;F7BDR1	51	20	332,0697	0,376803	1,083839	Fascin OS=Mus musculus OX=10090 GN=Fscn1 PE=1 SV=4	21946,34	20087,56	20881,64	22947,07	25645,93	22536,62	22238,98	22639,76
E9Q394;A0A140LID7;A0A140LIX0;A0A140LJ5	70	7	381,9464	0,377056	1,267214	A-kinase anchor protein 13 OS=Mus musculus OX=10090 GN=Akap13 PE=1 SV=1	1282,964	3234,107	1219,604	1606,282	2052,824	2629,909	1889,311	2733,052
Q9ER88;A0A0R4J1B9;G3UWJ4;G3UWM7;G3UWZ6;G3UZCO;G3X9M0	20	4	147,7558	0,377439	1,092522	28S ribosomal protein S29, mitochondrial OS=Mus musculus OX=10090 GN=Dap3 PE=1 SV=1	1308,956	1180,903	1195,514	1388,83	1282,943	1375,348	1361,233	1524,153
Q9EQI8	17	2	103,4207	0,377996	1,339242	39S ribosomal protein L46, mitochondrial OS=Mus musculus OX=10090 GN=Mrp146 PE=1 SV=1	4233,01	1497,63	5972,602	6498,573	6800,066	6338,208	6425,248	4813,11
Q68G58;A2AFM3;A2AFM4;A2AFM5;F7CPY7	2	1	15,0089	0,37836	1,142853	DNA-(apurinic or apyrimidinic site) endonuclease 2 OS=Mus musculus OX=10090 GN=Apex2 PE=1 SV=1	8140,669	7576,316	5962,148	6815,832	8518,143	7959,872	6566,627	5907,344
Q3V2R3;A0A0N4SVE7;D3YXQ4	7	1	46,0168	0,378453	1,783345	Chimaerin OS=Mus musculus OX=10090 GN=Chn2 PE=1 SV=1	290,1472	0	201,0214	348,65	351,1445	296,5387	132,2175	167,17
E9Q743	5	1	19,4555	0,378573	1,355473	Cilia- and flagella-associated protein 251 OS=Mus musculus OX=10090 GN=Cfap251 PE=1 SV=1	6722,285	4555,204	3290,644	6654,888	955,0498	6063,728	4615,856	4022,646
Q922J3;D3Z2Z1;D3Z3M7;F6RCU2;F8WIA1;Q8C0S5	19	3	111,3745	0,378677	1,171687	CAP-Gly domain-containing linker protein 1 OS=Mus musculus OX=10090 GN=Clip1 PE=1 SV=1	3108,497	2837,565	2429,597	3432,315	3201,953	2773,322	2486,635	1865,79
Q8C052;A0A1D5RLY6	19	4	95,6097	0,378727	2,227228	Microtubule-associated protein 1S OS=Mus musculus OX=10090 GN=Map1s PE=1 SV=2	126,003	46,35259	91,40599	118,1934	95,49875	65,08019	145,4528	53,22622

Q91XY6	2	1	8,4675	0,378749	1,482362	Protocadherin gamma A2 OS=Mus musculus OX=10090 GN=Pcdhga2 PE=1 SV=1	117,9609	194,0472	119,0494	133,8536	266,7325	88,70467	171,1527	163,3693
Q9JJU8	2	1	10,625	0,378913	1,076693	SH3 domain-binding glutamic acid-rich-like protein OS=Mus musculus OX=10090 GN=Sh3bgrl PE=1 SV=1	2445,417	2703,049	2667,627	2725,134	3056,484	2711,874	2894,565	2686,74
Q9R100;A2AKS7	2	1	8,9336	0,379138	1,269173	Cadherin-17 OS=Mus musculus OX=10090 GN=Cdh17 PE=1 SV=1	514,7321	416,3537	401,8691	810,274	808,3342	630,9928	655,6193	567,1502
Q61879;Q3UH59;Q5SV64; Q8BXF2	200	32	1535,157	0,379296	1,365388	Myosin-10 OS=Mus musculus OX=10090 GN=Myh10 PE=1 SV=2	11133,09	26671,35	10600,22	13452,44	14250,24	11139,71	10167,95	9745,776
Q8JZQ9;A0A0G2JG48	60	21	444,7729	0,379449	1,256074	Eukaryotic translation initiation factor 3 subunit B OS=Mus musculus OX=10090 GN=Eif3b PE=1 SV=1	10633,57	6723,841	5940,989	12363,18	10948,45	8642,335	11955,34	9420,211
Q80UG5;A2A6U5;A8Y5D3	43	2	287,0092	0,379733	1,10473	Septin-9 OS=Mus musculus OX=10090 GN=Septin9 PE=1 SV=1	6547,632	5929,64	5813,829	6846,532	7782,785	6775,708	7276,057	5935,75
Q64511;F6U5K2;F6XX57	119	17	865,1743	0,379826	1,281046	DNA topoisomerase 2-beta OS=Mus musculus OX=10090 GN=Top2b PE=1 SV=2	12168,76	9846,343	5345,962	14341,66	15657,98	9692,921	12925,73	10261,29
Q6IRU2;A0A571BEU1	29	5	231,6178	0,380657	1,202516	Tropomyosin alpha-4 chain OS=Mus musculus OX=10090 GN=Tpm4 PE=1 SV=3	7415,1	5162,193	7394,284	8095,201	9882,274	5419,824	7371,58	7293,643
Q9Z2D7;A0A0N4SWA0;A0 A0R4J0A8;Q3TU27	13	3	73,9762	0,380878	1,288063	Methyl-CpG-binding domain protein 4 OS=Mus musculus OX=10090 GN=Mbd4 PE=1 SV=1	261,6045	530,6272	1034,512	344,9719	657,4929	657,5488	575,2412	907,0232
P97478;A0A140LIF0;Q3TY T1	11	2	64,6728	0,381324	1,563088	5-demethoxyubiquinone hydroxylase, mitochondrial OS=Mus musculus OX=10090 GN=Coq7 PE=1 SV=3	59,09167	48,92226	165,5992	43,54149	18,69795	13,92924	99,82398	83,05516
Q91VM9;D3Z636;G8JL76	19	9	142,3381	0,381743	1,235005	Inorganic pyrophosphatase 2, mitochondrial OS=Mus musculus OX=10090 GN=Ppa2 PE=1 SV=1	1447,064	1089,868	1388,066	1197,683	1066,383	1300,926	1202,985	996,3706
Q9CXK8;E9Q109	5	1	27,1203	0,382076	1,110425	60S ribosome subunit biogenesis protein NIP7 homolog OS=Mus musculus OX=10090 GN=Nip7 PE=1 SV=1	615,7532	665,1909	808,4218	615,0141	570,3454	650,0319	539,8895	706,596
E9Q735;E9Q442;G3X9Y5; Q8VDS1	5	2	23,7618	0,382575	1,556293	Ubiquitin conjugation factor E4 A OS=Mus musculus OX=10090 GN=Ube4a PE=1 SV=1	137,7658	141,3656	95,6281	82,55446	15,67311	183,9121	79,24273	31,25429
Q8BKCS	53	22	369,6924	0,382875	1,112341	Importin-5 OS=Mus musculus OX=10090 GN=lpo5 PE=1 SV=3	6048,35	6157,32	6656,149	6906,398	7799,832	5898,354	7673,6	6865,381
O55022	16	3	124,5092	0,382897	1,210714	Membrane-associated progesterone receptor component 1 OS=Mus musculus OX=10090 GN=Pgrmc1 PE=1 SV=4	779,0109	894,8769	618,4406	732,197	1003,284	1038,333	748,6969	871,5221
A0A1Y7VK25	1	1	5,5379	0,38319	1,252836	Kinase D-interacting substrate 220 (Fragment) OS=Mus musculus OX=10090 GN=Kidins220 PE=1 SV=1	12320,9	6760,089	8751,403	10955,22	13050,64	13820,6	13038,35	8684,933
O35857	44	15	328,6315	0,383274	1,149827	Mitochondrial import inner membrane translocase subunit TIM44 OS=Mus musculus OX=10090 GN=Timm44 PE=1 SV=2	12802,3	9902,365	10638,13	14891,07	15528,18	15752,84	12035,82	12143,77



P14576;A0A1W2P809;A0A1Y7VJJO;E9PXC0	43	8	322,7264	0,383337	1,52594	Signal recognition particle 54 kDa protein OS=Mus musculus OX=10090 GN=Srp54 PE=1 SV=2	3463,209	1506,65	3446,69	4179,537	3845,41	8770,743	3123,461	3481,251
P62075;A0A1W2P756;A0A1W2P7H2	6	2	46,7514	0,383376	2,688562	Mitochondrial import inner membrane translocase subunit Tim13 OS=Mus musculus OX=10090 GN=Timm13 PE=1 SV=1	210,9212	487,7775	346,151	198,8052	268,027	1519,087	244,338	216,3312
Q7TPD0;A0A0G2JFJ6	17	6	78,4766	0,383502	1,16447	Integrator complex subunit 3 OS=Mus musculus OX=10090 GN=Ints3 PE=1 SV=2	1408,059	1904,696	1396,088	1435,426	1153,685	1496,35	1664,045	1682,987
Q3TZX3	2	1	9,4765	0,383821	1,419821	Solute carrier family 25 member 33 OS=Mus musculus OX=10090 GN=Slc25a33 PE=2 SV=1	579,1303	528,7224	484,456	478,2715	73,37851	450,7365	497,3034	436,9205
Q62376;A0A1B0GR44;A0A1B0GR50;A0A1B0GR69;A0A1B0GRR8;A0A1B0GRV8;A0A1B0GSX5	26	9	156,6837	0,383926	1,201586	U1 small nuclear ribonucleoprotein 70 kDa OS=Mus musculus OX=10090 GN=Snrnp70 PE=1 SV=2	14101,03	10672,68	12704,57	13886,99	17870,82	12786,37	12370,74	11959,9
Q7TNC4;E9Q715;Q05CX5	26	3	153,2451	0,384558	1,204619	Putative RNA-binding protein Luc7-like 2 OS=Mus musculus OX=10090 GN=Luc7l2 PE=1 SV=1	825,9615	937,0412	854,6048	965,9304	997,708	818,0505	1071,763	1034,666
P02468	8	1	36,5045	0,385583	1,865461	Laminin subunit gamma-1 OS=Mus musculus OX=10090 GN=Lamc1 PE=1 SV=2	2284,758	127,2301	3335,66	1499,309	2821,752	2147,219	2916,748	2563,493
Q6PCM1;A0A0U1RNV6	13	2	73,171	0,385938	1,395975	Lysine-specific demethylase 3A OS=Mus musculus OX=10090 GN=Kdm3a PE=1 SV=1	307,2407	742,2635	337,0368	521,3537	413,2896	193,0627	672,442	777,559
Q80WJ6;D6RGU5	16	4	81,9459	0,386257	1,275931	ATP-binding cassette sub-family C member 12 OS=Mus musculus OX=10090 GN=Abcc12 PE=1 SV=1	4823,037	7850,01	4970,491	3833,499	5211,564	6688,424	4088,753	5863,469
G3UX26;A0A286YCR8;D3YUN8;D3YZT5;Q60930	24	11	158,7007	0,386279	1,145301	Outer mitochondrial membrane protein porin 2 OS=Mus musculus OX=10090 GN=Vdac2 PE=1 SV=1	29016,41	23554,79	27228,71	25498,41	27142,01	24470,86	17626,71	22699,87
Q9CSU0;A0A0R4J195;F6YB25;F7DAY5	14	3	86,9927	0,386648	21,41381	Regulation of nuclear pre-mRNA domain-containing protein 1B OS=Mus musculus OX=10090 GN=Rprd1b PE=1 SV=2	122,3894	9325,492	136,0511	88,40335	45,70174	121,8207	195,3023	154,0387
Q9WV04;Q14BL9;Q3V3Y6;Q8C0X6	10	2	55,3355	0,387312	1,114668	Kinesin-like protein KIF9 OS=Mus musculus OX=10090 GN=Kif9 PE=1 SV=2	3071,969	3098,712	3210,024	3914,587	3108,906	3500,454	2876,832	2441,391
Q8BL66	68	9	356,3382	0,388341	1,125119	Early endosome antigen 1 OS=Mus musculus OX=10090 GN=Eea1 PE=1 SV=2	3208,315	3278,264	2896,646	3460,028	3360,399	3459,473	2721,207	2580,794
Q9D358;A0A1W2P7X3;Q561M1	8	1	56,2582	0,388551	1,168121	Low molecular weight phosphotyrosine protein phosphatase OS=Mus musculus OX=10090 GN=Acp1 PE=1 SV=3	7326,537	8342,852	7539,918	9223,742	10754,86	9209,979	8054,535	6633,518
F8VPZ3;G3UX31	3	1	20,1043	0,389245	1,70186	Ubiquitinyl hydrolase 1 OS=Mus musculus OX=10090 GN=Usp32 PE=1 SV=1	232,4276	282,1616	357,6348	89,20198	138,4629	388,8205	332,45	372,6401
P06801;Q3TQP6	37	9	216,4081	0,389451	1,188403	NADP-dependent malic enzyme OS=Mus musculus OX=10090 GN=Me1 PE=1 SV=2	6551,06	4351,773	6954,176	6456,911	5857,158	7401,622	6483,76	8004,076
Q5U4D9;D3Z132	9	2	55,1995	0,389765	1,175174	THO complex subunit 6 homolog OS=Mus musculus OX=10090 GN=Thoc6 PE=1 SV=1	923,6844	762,7936	613,4781	1039,048	1086,966	791,753	901,6222	926,0625

Q9CQV8;A2A5N1	45	8	255,7784	0,390346	1,148014	14-3-3 protein beta/alpha OS=Mus musculus OX=10090 GN=Ywhab PE=1 SV=3	9688,593	7289,261	10522,61	11065,23	11237,97	9556,495	10038,24	9424,896
Q5RJG1	11	1	47,6394	0,390352	1,230142	Nucleolar protein 10 OS=Mus musculus OX=10090 GN=Nol10 PE=2 SV=1	5396,01	7807,272	4619,136	5040,876	5152,918	6591,714	3596,037	3406,18
Q3U9G9;A0A0A6YY12	24	10	150,2654	0,390789	1,268274	Delta(14)-sterol reductase LBR OS=Mus musculus OX=10090 GN=Lbr PE=1 SV=2	3124,018	3390,825	2185,392	4091,849	3286,286	2152,363	2160,797	2486,769
P61164;A0A494BAH0;A0A 494BB86	21	3	207,1425	0,391616	1,111817	Alpha-centractin OS=Mus musculus OX=10090 GN=Actr1a PE=1 SV=1	7699,372	6899,721	7545,626	8905,455	9182,867	9066,275	7709,862	7103,998
Q99N96;Q9D3F3	13	2	66,6765	0,392044	1,153687	39S ribosomal protein L1, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl1 PE=1 SV=2	3463,974	2324,413	3025,333	3027,544	2321,501	3169,5	2321,441	2451,4
Q9CZD3	58	23	414,2658	0,392124	1,222839	Glycine--tRNA ligase OS=Mus musculus OX=10090 GN=Gars1 PE=1 SV=1	19632,95	11932,51	20070,97	23935,91	28883,44	23133,87	22097,71	18297,76
P20029	180	78	848,5263	0,39243	1,132292	Endoplasmic reticulum chaperone BiP OS=Mus musculus OX=10090 GN=Hspa5 PE=1 SV=3	184311,5	141998,2	133998,4	181382,2	186865,3	146807,6	146915,7	148547,2
Q8BVE8;D3Z229;D3Z3E0;D 3Z3E4;F6Y765	16	3	79,7407	0,392549	1,418452	Histone-lysine N-methyltransferase NSD2 OS=Mus musculus OX=10090 GN=Nsd2 PE=1 SV=2	849,3168	1599,443	637,2919	739,7593	871,286	553,0518	919,365	1074,693
E9Q718	26	2	153,0512	0,392602	1,470834	Procollagen-lysine 5-dioxygenase OS=Mus musculus OX=10090 GN=Plod2 PE=1 SV=1	532,0829	888,9771	0	441,7291	322,3573	685,4722	731,8559	741,5796
A0A571BFA7;Q148V8	9	2	42,4268	0,392695	1,345465	Protein FAM83H OS=Mus musculus OX=10090 GN=Fam83h PE=1 SV=1	1009,233	714,6252	304,5283	780,0472	1175,565	496,3573	910,52	1042,597
Q99LR1;D6RFU2;F7BHM8	10	1	60,961	0,392713	1,213475	Lysophosphatidylserine lipase ABHD12 OS=Mus musculus OX=10090 GN=Abhd12 PE=1 SV=2	1413,7	1699,033	1378,473	1164,872	1394,638	1324,286	1865,611	959,4256
Q8CIB9	2	1	9,7886	0,392992	1,605555	N-acetyltransferase ESCO2 OS=Mus musculus OX=10090 GN=Esco2 PE=1 SV=3	2119,986	1123,49	4372,665	1863,375	1470,095	2638,497	1920,042	1716,442
S4R1M9;A0A0R4J0F9;A0A 5F8MQ99	23	3	121,1	0,39305	1,370617	Oxysterol-binding protein-related protein 10 OS=Mus musculus OX=10090 GN=Osbp10 PE=1 SV=1	735,0615	1784,253	726,9851	870,1771	919,7426	689,2123	675,2906	719,1304
Q9CYR0	11	1	85,4628	0,393403	1,203455	Single-stranded DNA-binding protein, mitochondrial OS=Mus musculus OX=10090 GN=Ssbp1 PE=1 SV=1	1624,9	2287,391	1687,162	1254,315	1659,743	1670,603	1234,385	1329,772
Q8CIN4;G5E884;O88643	19	2	142,687	0,393875	1,130916	Serine/threonine-protein kinase PAK 2 OS=Mus musculus OX=10090 GN=Pak2 PE=1 SV=1	1634,041	1874,198	1764,81	1439,91	1249,115	1676,737	1435,969	1574,039
Q8CG48;B1AWH6	90	17	600,3038	0,395029	1,133346	Structural maintenance of chromosomes protein 2 OS=Mus musculus OX=10090 GN=Smc2 PE=1 SV=2	2483,368	2671,998	2636,608	3203,398	2862,599	2897,644	2642,378	2341,99
P22437	17	5	93,2614	0,39611	1,220882	Prostaglandin G/H synthase 1 OS=Mus musculus OX=10090 GN=Ptgs1 PE=1 SV=1	1992,633	1836,767	1338,048	2283,099	1815,164	1300,167	1447,311	1539,954

Q9EQ20	8	1	35,5712	0,396124	1,392029	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial OS=Mus musculus OX=10090 GN=Aldh6a1 PE=1 SV=1	276,071	399,9823	420,7015	210,3094	82,26981	256,4857	393,2361	301,2652
Q99ME6	1	1	5,0486	0,396197	2,058814	Protein ATP1B4 OS=Mus musculus OX=10090 GN=Atp1b4 PE=1 SV=1	188,6072	40,57986	12,84606	237,2623	100,0196	0	119,5707	101,682
P60469;S4R117	10	1	58,5924	0,396211	1,26136	Liprin-alpha-3 OS=Mus musculus OX=10090 GN=Ppfia3 PE=1 SV=2	413,35	402,57	239,6625	278,6563	365,5995	474,2458	314,6585	336,1495
Q9JIG7	13	4	70,9431	0,39659	1,348268	Coiled-coil domain-containing protein 22 OS=Mus musculus OX=10090 GN=Ccdc22 PE=1 SV=1	999,6807	1578,78	748,7369	632,1855	750,3236	774,3656	731,4132	680,5407
Q61316	73	1	637,6961	0,397296	1,976172	Heat shock 70 kDa protein 4 OS=Mus musculus OX=10090 GN=Hspa4 PE=1 SV=1	1445,467	226,3062	3353,881	891,2566	1429,155	3122,588	1295,539	1766,045
P47809;B1ATL6	11	3	61,7431	0,397375	2,360022	Dual specificity mitogen-activated protein kinase kinase 4 OS=Mus musculus OX=10090 GN=Map2k4 PE=1 SV=2	257,7775	1249,996	75,52174	245,2906	198,8805	48,03645	264,174	263,7262
P60867	15	8	81,2678	0,397405	1,275359	40S ribosomal protein S20 OS=Mus musculus OX=10090 GN=Rps20 PE=1 SV=1	18832,33	6152,363	25615,35	23799,19	26398,44	22740,84	23945,92	21800,52
Q6P3Z3	2	1	5,2236	0,397539	1,278101	Peroxynitrite isomerase THAP4 OS=Mus musculus OX=10090 GN=Thap4 PE=1 SV=1	630,3009	667,985	879,1005	430,8745	499,8894	671,0414	361,7723	508,0291
P60766	14	4	79,0503	0,397821	1,265858	Cell division control protein 42 homolog OS=Mus musculus OX=10090 GN=Cdc42 PE=1 SV=2	10768,58	7347,26	7549,85	14502,64	14222,81	6849,595	12929,74	12926,44
Q8R2Y8	14	7	87,0666	0,397928	1,349565	Peptidyl-tRNA hydrolase 2, mitochondrial OS=Mus musculus OX=10090 GN=Pthr2 PE=1 SV=1	3067,61	1702,835	1604,554	3514,202	2782,905	1587,106	2048,347	2176,836
Q9CPW4;Q3UA72	9	2	49,312	0,398081	1,236741	Actin-related protein 2/3 complex subunit 5 OS=Mus musculus OX=10090 GN=Arpc5 PE=1 SV=3	337,1069	481,5177	630,8251	380,732	388,2194	398,9024	338,277	403,8003
Q99104;B8JK05;D3YZ62;D3Z4J3;F6TDE5;F6Z2S4	83	9	496,3058	0,398133	1,322532	Unconventional myosin-Va OS=Mus musculus OX=10090 GN=Myo5a PE=1 SV=2	7058,884	6769,711	13113,09	8013,495	9014,28	14833,95	8345,837	8074,651
Q64514;A0A087WP19;A0A087WQR6;A0A087WRC0;Q05DJ9	79	19	534,9912	0,398135	1,106478	Tripeptidyl-peptidase 2 OS=Mus musculus OX=10090 GN=Tpp2 PE=1 SV=3	7211,906	6922,741	6815,752	7250,393	9557,067	7342,739	7506,697	6797,065
Q00612;A3KG36	44	12	263,3449	0,398704	1,22091	Glucose-6-phosphate 1-dehydrogenase X OS=Mus musculus OX=10090 GN=G6pdx PE=1 SV=3	6709,49	3027,141	6965,737	7058,749	8232,26	7519,013	6553,17	6705,739
Q88569;A0A0N4SUM2	79	37	484,732	0,398862	1,138301	Heterogeneous nuclear ribonucleoproteins A2/B1 OS=Mus musculus OX=10090 GN=Hnrnpa2b1 PE=1 SV=2	60615,88	44393,29	50212,66	56553,48	65721,87	57832,32	47871,11	47733,18
Q9ET78	8	1	42,0034	0,398955	1,405534	Junctophilin-2 OS=Mus musculus OX=10090 GN=Jph2 PE=1 SV=2	2684,464	2641,686	2253,747	4677,362	3486,159	895,1658	2331,343	2008,048

Q60668;A0A0G2JFL4;E9Q5B6;F6SHF3;F6ZV59;G3X9W0;G5E8G0	27	8	211,4501	0,399138	1,167285	Heterogeneous nuclear ribonucleoprotein D0 OS=Mus musculus OX=10090 GN=Hnrnpd PE=1 SV=2	9087,342	6468,199	5699,301	7606,951	5532,192	6734,241	6184,714	6274,423
G5E8V9;E9QAY5	10	1	61,2589	0,399698	1,186351	Arfaptin-1 OS=Mus musculus OX=10090 GN=Arfp1 PE=1 SV=1	1212,935	1119,162	957,2302	1208,35	661,8224	1184,476	979,5818	1090,45
Q8BTY8	3	1	9,6964	0,399812	1,689714	Sec1 family domain-containing protein 2 OS=Mus musculus OX=10090 GN=Scfd2 PE=1 SV=1	78,01651	175,5871	277,1836	33,87041	157,0955	152,7691	168,715	146,5439
Q8BFZ3	100	1	437,5628	0,399898	11,97859	Beta-actin-like protein 2 OS=Mus musculus OX=10090 GN=Actbl2 PE=1 SV=1	1,622347	58,99784	77,93291	0,023774	0,007884	11,26422	0,021006	1,509834
Q9CQV5	1	1	5,5868	0,400021	1,264049	28S ribosomal protein S24, mitochondrial OS=Mus musculus OX=10090 GN=Mprs24 PE=1 SV=1	4018,769	4502,776	4117,084	4543,25	1487,477	4773,444	4780,545	2571,977
P55302;F6WMD1	16	1	75,4211	0,400132	1,220397	Alpha-2-macroglobulin receptor-associated protein OS=Mus musculus OX=10090 GN=Lrpap1 PE=1 SV=1	822,3835	622,5495	621,7288	960,0463	887,6309	966,4059	608,0462	774,2701
Q9R207;A2AMG5	17	1	74,6349	0,400461	1,278149	Nibrin OS=Mus musculus OX=10090 GN=Nbn PE=1 SV=1	1523,194	597,6314	2887,982	1636,462	2405,644	1988,742	2003,76	2095,496
P51859;E0CXA0;E0CYW7	16	3	124,5869	0,400512	1,313977	Hepatoma-derived growth factor OS=Mus musculus OX=10090 GN=Hdgf PE=1 SV=2	765,8427	1244,807	1594,591	1542,165	1728,942	1488,047	1275,489	919,4089
P28659;A0A0R4J0T5	5	2	26,0776	0,400658	1,104408	CUGBP Elav-like family member 1 OS=Mus musculus OX=10090 GN=Celf1 PE=1 SV=2	6913,534	5971,894	5199,074	5808,976	5835,737	5676,814	5155,119	4966,978
Q8CIM8	1	1	4,4062	0,401022	1,357228	Integrator complex subunit 4 OS=Mus musculus OX=10090 GN=Ints4 PE=1 SV=1	30,85666	18,07162	12,95557	29,18638	0,195914	62,37365	10,69941	15,70906
Q62203	12	1	55,004	0,401497	1,695739	Splicing factor 3A subunit 2 OS=Mus musculus OX=10090 GN=Sf3a2 PE=1 SV=2	588,6869	239,9733	151,2769	214,5085	209,2332	344,1343	171,6913	164,765
P48722;A0A0N4SVU2;E0CY23	69	19	508,2467	0,4015	1,097791	Heat shock 70 kDa protein 4L OS=Mus musculus OX=10090 GN=Hspa4l PE=1 SV=2	12015,8	10703,03	12023,22	14177,93	13049,58	12803,26	11722,06	10723,07
P35710;B2KFM9;E9PVR0;Q2TBA9	5	2	32,8473	0,40151	1,233249	Transcription factor SOX-5 OS=Mus musculus OX=10090 GN=Sox5 PE=1 SV=2	313,1965	295,9954	187,4649	214,5741	370,8764	326,2499	231,6468	220,8371
Q91WS0	19	6	103,0177	0,401558	1,224686	CDGSH iron-sulfur domain-containing protein 1 OS=Mus musculus OX=10090 GN=Cisd1 PE=1 SV=1	1281,974	1458,671	1319,339	1193,524	1105,511	1757,053	531,802	895,3127
Q99JT2;A2AD84	4	1	23,7293	0,403017	1,423927	Serine/threonine-protein kinase 26 OS=Mus musculus OX=10090 GN=Stk26 PE=1 SV=1	2055,237	1936,286	1794,199	1748,74	4816,407	2397,741	1719,536	1794,836
A2AEY4	5	1	31,1108	0,403047	1,509797	MAP7 domain-containing protein 3 OS=Mus musculus OX=10090 GN=Map7d3 PE=2 SV=1	127,1268	87,29587	152,3616	63,64011	80,15493	40,80741	85,97428	78,15093
O08749	28	11	210,7363	0,403433	1,105106	Dihydrolipoyl dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Dld PE=1 SV=2	35681,54	31205,79	28658,77	36020,25	34629,76	28143,94	27447,87	28831,54
Q8K2L8;Q8C0C3	7	2	27,8425	0,403452	2,228086	Trafficking protein particle complex subunit 12 OS=Mus musculus OX=10090 GN=Trappc12 PE=1 SV=2	205,5044	1508,933	104,3592	257,5389	532,5306	371,9793	480,479	406,2323

B9EJR8	9	1	50,9472	0,403502	2,325034	Dynein axonemal assembly factor 5 OS=Mus musculus OX=10090 GN=Dnaaf5 PE=1 SV=1	11,81066	157,1186	339,2613	18,18921	110,0907	64,32735	102,291	108,5587
O88507;A2AMR7	1	1	11,5016	0,403551	3,853215	Ciliary neurotrophic factor receptor subunit alpha OS=Mus musculus OX=10090 GN=Cntfr PE=1 SV=2	407,1629	214,9116	3812,702	430,49	593,0311	161,989	266,672	240,9589
Q8BZ32;D3Z112;D6REV1;F6WV21	18	1	82,8901	0,403593	1,446679	Putative Polycomb group protein ASXL2 OS=Mus musculus OX=10090 GN=Asxl2 PE=1 SV=1	25244,17	8838,067	5977,344	29710,39	32021,67	7788,642	21185,12	20200,78
Q08879	11	3	65,1684	0,40362	2,374068	Fibulin-1 OS=Mus musculus OX=10090 GN=Fbln1 PE=1 SV=2	2334,6	1377,726	592,3057	3229,501	8971,936	1174,52	5784,038	1956,047
Q62318	42	15	265,2885	0,404259	1,144059	Transcription intermediary factor 1-beta OS=Mus musculus OX=10090 GN=Trim28 PE=1 SV=3	16504,86	14099,36	12081,87	19141,43	18880,2	13508,72	16794,81	14661,6
Q9CYL5;B1AWD6	12	3	69,2508	0,404294	1,080454	Golgi-associated plant pathogenesis-related protein 1 OS=Mus musculus OX=10090 GN=Glplr2 PE=1 SV=3	745,3971	871,8106	918,0012	796,3911	800,4322	754,2673	704,4024	865,2194
Q8BX17	45	2	247,0838	0,404591	1,728577	Gem-associated protein 5 OS=Mus musculus OX=10090 GN=Gemin5 PE=1 SV=2	519,6555	1688,783	652,9266	457,4555	706,9007	1466,882	503,7935	476,9604
A2CG49;D3Z4R2;D3Z532;D3Z534;D3Z535;F6QYT9	72	10	398,1417	0,405331	1,105081	Kalirin OS=Mus musculus OX=10090 GN=Kalrn PE=1 SV=1	11045,23	11771,29	8602,098	10916,64	9804,629	11997,1	12054,72	12927,43
E9PX29;E9PZC2;Q91ZE6	168	20	1168,796	0,405619	1,271291	Spectrin beta chain OS=Mus musculus OX=10090 GN=Sptbn4 PE=1 SV=1	9573,35	9861,857	15044,96	8730,939	9752,078	9069,798	8111,356	7056,709
Q8K010	6	3	22,5418	0,405738	1,501938	5-oxoprolinase OS=Mus musculus OX=10090 GN=Oplah PE=1 SV=1	659,5709	129,7936	134,6722	651,6945	503,0157	141,1225	409,3054	375,6357
A0A494BA97;Q62422	9	1	69,4248	0,406354	5,853781	Osteoclast-stimulating factor 1 OS=Mus musculus OX=10090 GN=Ostf1 PE=1 SV=1	24,74197	895,5242	239,2159	51,83921	104,5937	85,40163	10,54837	65,15343
P45376;D3YVJ7	37	16	210,2478	0,406973	1,544407	Aldo-keto reductase family 1 member B1 OS=Mus musculus OX=10090 GN=Akr1b1 PE=1 SV=3	2430,789	6339,316	2052,007	2160,6	2663,874	2145,667	2684,315	2398,491
Q8R111	3	2	30,422	0,407056	1,284574	Cytochrome b-c1 complex subunit 9 OS=Mus musculus OX=10090 GN=Uqcr10 PE=1 SV=1	2370,541	2288,133	1882,46	2037,094	346,3564	2469,54	1960,297	1901,684
P70362	8	1	41,8328	0,4072	1,537217	Ubiquitin recognition factor in ER-associated degradation protein 1 OS=Mus musculus OX=10090 GN=Ufd1 PE=1 SV=2	64,20962	73,30091	8,837947	102,6155	53,32285	160,5474	73,73425	95,10716
Q8BXA5	4	1	23,5887	0,407298	3,290927	Cleft lip and palate transmembrane protein 1-like protein OS=Mus musculus OX=10090 GN=Ciptm1l PE=1 SV=1	2300,101	2173,084	1765,8	3483,323	1623,454	20202,27	2811,655	2451,04
P15331	153	1	795,713	0,408939	1,120173	Peripherin OS=Mus musculus OX=10090 GN=Prph PE=1 SV=2	46707,9	44948,95	40579,44	45701,68	47484,99	45973,34	33729,9	35410,79
P99028	7	3	42,6556	0,409156	1,207311	Cytochrome b-c1 complex subunit 6, mitochondrial OS=Mus musculus OX=10090 GN=Uqcrh PE=1 SV=2	3128,371	2612,367	1863,403	3060,326	2162,955	3113,703	2326,067	2463,826
P11103	68	1	479,34	0,409945	1,148752	Poly [ADP-ribose] polymerase 1 OS=Mus musculus OX=10090 GN=Parp1 PE=1 SV=3	2521,492	2293,743	1890,078	3280,646	2455,902	2397,924	1923,669	1935,85

Q9D8E6	72	30	397,3221	0,409991	1,0894	60S ribosomal protein L4 OS=Mus musculus OX=10090 GN=Rpl4 PE=1 SV=3	27403,18	32313,35	35609,63	30785,24	38467,19	31308,34	32855,95	34754,34
Q99PV0;B7ZC27	144	33	994,2618	0,410006	1,13616	Pre-mRNA-processing-splicing factor 8 OS=Mus musculus OX=10090 GN=Prpf8 PE=1 SV=2	15196,21	14203,62	12313,06	16032,62	14561,82	13974,69	11069,55	11219,08
O70585;G3UXK0;G3UY34; G3UYK9;G3UYM7;G3UZ87 ;G3UZJ3;Q8C8Z9;Q8KONO	8	3	56,6524	0,410015	2,041348	Dystrobrevin beta OS=Mus musculus OX=10090 GN=Dtnb PE=1 SV=3	238,4447	400,8864	1051,076	1983,911	3311,838	630,0064	1065,983	2492,734
Q9Z140;Q3UYN2	4	2	19,1478	0,410306	1,130868	Copine-6 OS=Mus musculus OX=10090 GN=Cpne6 PE=1 SV=1	1653,956	1246,152	1152,709	1147,939	1314,823	1393,625	1052,053	1324,902
P62849;A0A286YEB7	9	3	70,7935	0,410647	1,247853	40S ribosomal protein S24 OS=Mus musculus OX=10090 GN=Rps24 PE=1 SV=1	4711,619	2505,163	4013,555	8773,301	8268,658	5360,004	6227,084	5105,858
Q9JL8	13	1	61,2387	0,410955	1,32309	Serine--tRNA ligase, mitochondrial OS=Mus musculus OX=10090 GN=Sars2 PE=1 SV=2	4073,765	7496,996	3912,6	3574,544	3895,846	4113,739	2517,927	3876,572
Q9Z1G3;A0A2I3BPD0	16	3	102,5281	0,411093	1,064901	V-type proton ATPase subunit C 1 OS=Mus musculus OX=10090 GN=Atp6v1c1 PE=1 SV=4	2266,17	2158,497	2188,849	2461,338	2251,761	2131,895	2237,721	1900,401
Q8BL06	3	1	14,1228	0,411224	1,165997	Inactive ubiquitin carboxyl-terminal hydrolase 54 OS=Mus musculus OX=10090 GN=Usp54 PE=1 SV=2	26220,41	14048,16	19066,25	24126	26262,74	26498,06	20768,54	23785,73
Q9QYJ0	35	11	229,9507	0,411868	1,094436	DnaI homolog subfamily A member 2 OS=Mus musculus OX=10090 GN=Dnaja2 PE=1 SV=1	11448,74	11037,24	11827,74	12462,39	12522,47	11455,42	9652,97	9352,833
Q8JZR6	3	1	13,6883	0,411925	4,921031	Electroneutral sodium bicarbonate exchanger 1 OS=Mus musculus OX=10090 GN=Slc4a8 PE=2 SV=1	1,898582	3,960836	30,34555	22,87559	195,2829	69,51165	3,318672	22,62399
E9Q8I9;A0A0J9YVH0;A0A5 F8MPN1	18	3	84,1299	0,412149	1,15842	Protein furry homolog OS=Mus musculus OX=10090 GN=Fry PE=1 SV=1	1096,738	853,244	1324,785	993,5318	757,2343	898,7741	1030,718	997,8589
O35593	20	9	120,2359	0,412389	1,19457	26S proteasome non-ATPase regulatory subunit 14 OS=Mus musculus OX=10090 GN=Psm14 PE=1 SV=2	4897,753	4932,876	4872,878	6053,731	7839,372	6198,44	5959,848	4798,309
O35864;A0A087WQ60;A0 A087WQA8	7	2	26,5645	0,412927	6,413321	COP9 signalosome complex subunit 5 OS=Mus musculus OX=10090 GN=Cops5 PE=1 SV=3	310,2012	711,3386	542,4315	320,3207	373,4283	8149,663	415,1435	415,5657
Q9WUQ2;D3Z3S1	8	1	44,8782	0,413844	1,085671	Prolactin regulatory element-binding protein OS=Mus musculus OX=10090 GN=Preb PE=1 SV=1	4135,378	4315,317	4581,35	3892,546	4683,589	3957,967	3213,718	3913,567
Q8K2Q7	15	3	84,1124	0,413986	3,973179	BRO1 domain-containing protein BROX OS=Mus musculus OX=10090 GN=Brox PE=1 SV=1	160,5531	606,936	1697,337	83,4134	106,9248	925,4641	186,3803	305,6052
Q9DBL7	7	2	34,6109	0,414635	1,128333	Bifunctional coenzyme A synthase OS=Mus musculus OX=10090 GN=Coasy PE=1 SV=2	1383,427	1911,383	1826,993	1519,47	1943,347	1579,717	1894,435	1612,249

Q9Z1Q9;G3UY93;G3UYW2 ;G3UZ22;G3UZX1	96	29	703,7649	0,414849	1,246499	Valine--tRNA ligase OS=Mus musculus OX=10090 GN=Vars1 PE=1 SV=1	23559,3	17930,79	21685,45	29623,2	41840,12	20901,27	26338,13	26594,02
Q9JKR6;A0A1L1SQ34;E0CY Z2;F6TRP3	127	66	824,4737	0,414949	1,121171	Hypoxia up-regulated protein 1 OS=Mus musculus OX=10090 GN=Hyoud1 PE=1 SV=1	49480,83	45407,11	41674,53	48010,33	45879,19	47765,57	37231,49	33748,72
P62242	29	13	209,1081	0,416323	1,145642	40S ribosomal protein S8 OS=Mus musculus OX=10090 GN=Rps8 PE=1 SV=2	24504,04	16147,11	23656,06	27715,26	31335,5	24898,12	24397,84	24793,32
Q2TBE6;A0A494BBQ4	9	2	44,1805	0,416685	1,285761	Phosphatidylinositol 4-kinase type 2-alpha OS=Mus musculus OX=10090 GN=Pi4k2a PE=1 SV=1	636,6633	663,7537	418,0831	742,4279	444,7127	459,101	443,7571	566,4142
Q9D478;A0A0G2JGC4	8	2	43,3578	0,41685	1,185149	Protein BCAP OS=Mus musculus OX=10090 GN=Odf2l PE=2 SV=1	615,1342	401,3749	647,3889	497,7039	765,966	708,4976	513,6983	573,6585
Q61084	14	1	80,1655	0,41696	1,416163	Mitogen-activated protein kinase kinase kinase 3 OS=Mus musculus OX=10090 GN=Map3k3 PE=1 SV=1	4124,586	2064,391	655,4199	4173,953	4102,512	1868,701	3697,482	2930,512
Q64737;A0A338P676;A0A 338P6X4;D6RCG1	69	17	519,3729	0,417029	1,094122	Trifunctional purine biosynthetic protein adenosine-3 OS=Mus musculus OX=10090 GN=Gart PE=1 SV=3	7442,713	7971,463	8269,939	9147,152	9584,794	7707,118	9404,526	9224,978
Q8R5L1	13	1	113,264	0,417368	2,146944	Complement component 1 Q subcomponent- binding protein, mitochondrial OS=Mus musculus OX=10090 GN=C1qbp PE=1 SV=1	209,5706	221,4319	362,4351	25,15302	0	120,5478	58,66045	202,0735
Q9Z0N1;A2AAW9	29	2	210,1731	0,417613	1,220407	Eukaryotic translation initiation factor 2 subunit 3, X-linked OS=Mus musculus OX=10090 GN=Eif2s3x PE=1 SV=2	7157,551	4302,671	6392,988	7759,633	9539,287	8228,766	7618,822	5871,209
A2AKX2	1	1	4,3207	0,417777	1,272523	Netrin-G2 OS=Mus musculus OX=10090 GN=Ntng2 PE=1 SV=1	1269,426	1171,585	694,8572	1078,991	641,111	1041,133	1089,508	540,454
Q3ULZ2	9	1	45,4649	0,417806	1,570998	FH2 domain-containing protein 1 OS=Mus musculus OX=10090 GN=Fhdc1 PE=1 SV=3	1928,901	5996,577	1794,631	2336,978	2445,734	2316,866	1495,584	1416,612
P63158;A0A0J9YUD8;A0A 0J9YUZ4;D3YVC6;D3YZ18	29	2	216,9546	0,418	1,257856	High mobility group protein B1 OS=Mus musculus OX=10090 GN=Hmgb1 PE=1 SV=2	7862,081	3030,22	5183,197	8372,133	10403,51	6651,792	7203,06	6493,23
P08030;A0A1D5RLR6 Q80Y98;A0A1B0GSA5;A0A 1B0GT91	28	14	183,3254	0,418278	1,129475	Adenine phosphoribosyltransferase OS=Mus musculus OX=10090 GN=Aprt PE=1 SV=2	24816,59	22655,42	20293,96	27985,08	27291,86	26784,08	25176,1	22429,38
O35382;Q8C391;Q9CXE1	16	2	100,6182	0,419122	1,497626	Phospholipase DDHD2 OS=Mus musculus OX=10090 GN=Dhd2 PE=1 SV=3	199,9537	12,93687	0	100,8898	206,5877	0,448208	209,7311	303,2154
A0A0G2JDN3;A0A0G2JDF1	8	1	53,5775	0,419712	2,614486	Exocyst complex component 4 OS=Mus musculus OX=10090 GN=Exoc4 PE=1 SV=2	546,6935	1316,884	497,8198	887,1125	557,2698	184,5025	777,136	650,1979
Q8BMF4	41	14	280,7672	0,420773	1,127511	Serrate RNA effector molecule homolog OS=Mus musculus OX=10090 GN=Srrt PE=1 SV=1	78,70825	124,5596	139,144	18,09681	14,84191	52,59393	117,0618	170,1599
						Dihydrolipeoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial OS=Mus musculus OX=10090 GN=Dlat PE=1 SV=2	24320,98	24653,33	23527	27886,22	28017,42	24607,83	20269,37	19069,34

Q80VP5	2	1	9,1496	0,420917	1,96538	Mitochondrial translation release factor in rescue OS=Mus musculus OX=10090 GN=Mtrfr PE=1 SV=1	2397,274	4373,19	7795,694	4526,93	6218,903	18606,32	4250,143	3827,812
Q9D3R3;A0A1Y7VJU1	3	1	20,0752	0,421144	2,388007	Centrosomal protein of 72 kDa OS=Mus musculus OX=10090 GN=Cep72 PE=1 SV=3	68,00839	298,4172	425,6572	62,22953	93,65332	113,3443	92,06698	101,3956
O08807;B1AZS9	50	13	286,8799	0,421684	1,183059	Peroxisomal protein 4 OS=Mus musculus OX=10090 GN=Prdx4 PE=1 SV=1	23959,17	15772,17	17464,7	24010,2	28883,65	23368,73	19282,07	21266,54
Q9D883;A0A140LII6;A0A494B947;E9PUZ3;E9PWA1;G3UW94	13	4	106,6533	0,422028	1,335951	Splicing factor U2AF 35 kDa subunit OS=Mus musculus OX=10090 GN=U2af1 PE=1 SV=4	6453,099	3545,568	8494,11	4849,072	6642,198	1992,898	6198,169	6766,455
P61750;E9Q798;F6UFB9	15	1	141,6611	0,422288	1,089616	ADP-ribosylation factor 4 OS=Mus musculus OX=10090 GN=Arf4 PE=1 SV=2	1013,354	958,7555	947,3767	1023,188	1007,019	894,3228	968,3168	862,3038
P84089;A0A1W2P7H9;A0A1W2P7T3;G3UW85	7	5	69,6674	0,4224	1,276368	Enhancer of rudimentary homolog OS=Mus musculus OX=10090 GN=Erh PE=1 SV=1	9521,041	7133,007	4813,986	7785,813	5551,798	6699,28	4890,047	5778,477
Q8C165	3	1	19,5965	0,422746	2,14642	N-fatty-acyl-amino acid synthase/hydrolase PM20D1 OS=Mus musculus OX=10090 GN=Pm20d1 PE=1 SV=1	341,4701	112,178	183,3102	1034,882	193,7584	0	673,2837	623,7785
F7CB97	37	3	200,1289	0,422911	1,07643	CAP-Gly domain-containing linker protein 1 (Fragment) OS=Mus musculus OX=10090 GN=Clip1 PE=1 SV=1	3143,853	3146,525	2993,851	3076,202	3344,594	3050,13	2550,397	2542,021
E9Q7C4;F6RN94	21	4	110,9075	0,423409	1,188276	Proline-rich 14-like OS=Mus musculus OX=10090 GN=Prr14I PE=1 SV=1	739,419	976,1816	1036,879	1047,821	1237,726	1017,12	1033,863	802,347
Q7TSH4;A0A140LJ44	8	1	48,996	0,423443	2,080504	Centriolar coiled-coil protein of 110 kDa OS=Mus musculus OX=10090 GN=Ccp110 PE=1 SV=1	116,8328	246,5614	424,5297	75,28741	106,525	280,9826	41,96852	55,33031
Q64433;Q9JI95	40	25	181,4895	0,423567	1,098781	10 kDa heat shock protein, mitochondrial OS=Mus musculus OX=10090 GN=Hspe1 PE=1 SV=2	21655,44	19414,41	19334,04	20142,16	20071,92	23415,2	17437,84	17113,37
Q9CQQ7;A0A0G2JGX3	31	11	235,9862	0,42387	1,141229	ATP synthase F(0) complex subunit B1, mitochondrial OS=Mus musculus OX=10090 GN=Atp5pb PE=1 SV=1	28632,59	23347,74	21302,02	25986,75	25333,56	25732,21	18833,94	19669,36
P67778;Q5SQG5	45	20	315,5926	0,424024	1,114155	Prohibitin 1 OS=Mus musculus OX=10090 GN=Phb1 PE=1 SV=1	28590,08	26360,39	26044,35	28706,31	28772,13	29359,73	21312,45	21627,18
Q99MI1;F8VPM7;V9GWT6;V9GX53;V9GXF0;V9GXH3;V9GXP8	22	3	109,144	0,424172	1,311387	ELKS/Rab6-interacting/CAST family member 1 OS=Mus musculus OX=10090 GN=Erc1 PE=1 SV=1	14808,13	5878,66	3904,313	13449,44	18191,45	10807,63	11153,13	9733,662
Q69ZK6;A0A0A0MQ98;G3UZM1	23	3	119,5512	0,4244	1,606063	Probable JmjC domain-containing histone demethylation protein 2C OS=Mus musculus OX=10090 GN=Jmj1c PE=1 SV=3	5635,816	5426,693	8045,916	3209,508	1446,082	6418,527	6495,468	5165,137
P60843	56	13	349,9418	0,424538	1,180017	Eukaryotic initiation factor 4A-I OS=Mus musculus OX=10090 GN=Eif4a1 PE=1 SV=1	20232,93	12747,76	21130,34	24551,08	27443,61	21914,76	21392,23	19540,06
P70302;A0A1B0GRA5	24	1	132,8159	0,425019	1,185335	Stromal interaction molecule 1 OS=Mus musculus OX=10090 GN=Stim1 PE=1 SV=2	2074,854	1133,733	1630,628	2190,533	2196,16	2345,988	2126,593	1663,867



Q6Q477	55	2	344,8462	0,425465	4,292817	Plasma membrane calcium-transporting ATPase 4 OS=Mus musculus OX=10090 GN=Atp2b4 PE=1 SV=1	2452,527	8546,09	25977,54	2453,836	3506,067	33255,03	2475,61	1926,156
Q60634;Q5SS83	14	1	80,6377	0,425577	1,328913	Flotillin-2 OS=Mus musculus OX=10090 GN=Flot2 PE=1 SV=2	335,0713	442,8547	468,4296	308,103	229,5942	232,9646	590,2708	304,9088
F2Z493	1	1	4,5821	0,42576	1,782651	MAGE family member A4 (Fragment) OS=Mus musculus OX=10090 GN=Magea4 PE=4 SV=1	63,6592	20,20311	223,5078	59,68584	96,73849	100,3137	79,6388	306,3345
Q80Z96;A0A0H2UH25;E0CX72;F7BWJ0;Q3UXU7	4	1	19,7843	0,425944	1,148574	Vang-like protein 1 OS=Mus musculus OX=10090 GN=Vangl1 PE=1 SV=2	932,0962	931,7411	913,5926	802,5867	720,7312	1132,098	1017,241	720,0523
P70318	12	1	74,9496	0,426068	1,464567	Nucleolysin TIAR OS=Mus musculus OX=10090 GN=Tial1 PE=1 SV=1	372,7623	92,09079	90,60473	1069,377	0	0,699124	827,1576	672,497
Q11136	5	1	32,0037	0,426352	1,202312	Xaa-Pro dipeptidase OS=Mus musculus OX=10090 GN=Pept PE=1 SV=3	2668,097	2448,48	2405,952	3701,854	3229,165	2411,566	2087,997	1851,698
Q35344	19	5	137,523	0,426681	1,549761	Importin subunit alpha-4 OS=Mus musculus OX=10090 GN=Kpna3 PE=1 SV=1	1681,843	976,3094	841,198	2674,359	647,7078	432,2009	1444,525	1459,219
P62751	24	7	135,932	0,42715	1,268836	60S ribosomal protein L23a OS=Mus musculus OX=10090 GN=Rpl23a PE=1 SV=1	11147,15	8615,772	8280,714	14423,3	19251,12	9562,328	13737,34	11332,78
Q9EQK5;D3Z2N7;E9Q3X0	37	5	256,6629	0,427614	1,479769	Major vault protein OS=Mus musculus OX=10090 GN=Mvp PE=1 SV=4	5686,711	3047,354	10577,7	18622,51	18374,91	3746,333	15342,82	13136,35
Q6PE01	19	6	121,5465	0,427731	1,183663	U5 small nuclear ribonucleoprotein 40 kDa protein OS=Mus musculus OX=10090 GN=Snrnp40 PE=1 SV=1	4128,089	5770,997	2893,615	3985,987	3560,496	4164,364	3323,5	3126,865
Q9JII6;B1AXW3	22	9	159,2485	0,427961	1,13699	Aldo-keto reductase family 1 member A1 OS=Mus musculus OX=10090 GN=Akr1a1 PE=1 SV=3	13592,6	18309,76	20178,23	20691,98	20843,7	18281,81	20209,14	23407,02
Q80ZM5	8	1	75,2992	0,428438	2,025731	H1 histone family, member X OS=Mus musculus OX=10090 GN=H1f10 PE=1 SV=1	570,2085	1632,465	1367,075	820,8509	978,4818	3107,334	537,0919	596,3474
A0A087WNN1;Q8BVM7	6	1	28,095	0,428587	1,395935	Flagellum-associated coiled-coil domain-containing protein 1 OS=Mus musculus OX=10090 GN=Flacc1 PE=4 SV=1	1587,155	1110,952	736,9843	1505,037	1525,601	1867,37	897,8543	1983,926
Q8K354;A0A338P797	4	1	20,381	0,428983	1,41028	Carbonyl reductase [NADPH] 3 OS=Mus musculus OX=10090 GN=Cbr3 PE=1 SV=1	653,806	230,4293	115,4863	903,1396	1135,948	424,7545	656,7043	466,1596
Q9CX86	18	5	132,1586	0,429183	1,503298	Heterogeneous nuclear ribonucleoprotein A0 OS=Mus musculus OX=10090 GN=Hnrnpa0 PE=1 SV=1	7595,355	2677,545	2863,67	3162,202	4016,556	3222,052	7218,159	2973,496
O35465;F6WP10	18	2	112,0458	0,429336	1,181424	Peptidyl-prolyl cis-trans isomerase FKBP8 OS=Mus musculus OX=10090 GN=Fkbp8 PE=1 SV=2	328,1819	458,5423	445,7627	347,5144	408,2142	587,9568	420,3638	450,1172
Q9R0K7;Q3UHH0;S4R1C4	58	1	337,1052	0,429376	1,146825	Plasma membrane calcium-transporting ATPase 2 OS=Mus musculus OX=10090 GN=Atp2b2 PE=1 SV=2	174,4732	224,6103	170,5652	207,6226	185,1625	251,2881	145,0129	171,1233
D3Z5F7	10	1	59,0639	0,429625	1,208013	Predicted gene 20521 OS=Mus musculus OX=10090 GN=Gm20521 PE=3 SV=1	591,4074	691,6064	476,5962	442,9809	457,5859	492,2993	565,6887	632,7142

P97310	59	14	457,8245	0,429933	1,091567	DNA replication licensing factor MCM2 OS=Mus musculus OX=10090 GN=Mcm2 PE=1 SV=3	11561,64	10656,7	11273,36	11844,71	13809	13048,79	11311,15	10583,81
Q8VCG3;Q3UL50	5	1	25,2024	0,430404	16,61651	WD repeat-containing protein 74 OS=Mus musculus OX=10090 GN=Wdr74 PE=2 SV=1	41,61759	28,36407	528,2137	21,71449	73,74545	1790,832	31,35702	30,42638
Q8CHG3;B2RSU7;E0CYI9;E9PW16	47	5	248,1697	0,430674	1,419742	GRIP and coiled-coil domain-containing protein 2 OS=Mus musculus OX=10090 GN=Gcc2 PE=1 SV=2	4601,328	7489,08	1007,612	5095,299	5615,133	2044,308	5394,383	6597,689
Q791V5;A2AFW6;Q9D050	19	11	82,7308	0,431486	1,180509	Mitochondrial carrier homolog 2 OS=Mus musculus OX=10090 GN=Mtch2 PE=1 SV=1	3472,33	3057,091	3305,973	4374,518	5058,575	3380,831	3173,21	3161,323
P54823	35	8	238,6293	0,431516	1,088503	Probable ATP-dependent RNA helicase DDX6 OS=Mus musculus OX=10090 GN=Ddx6 PE=1 SV=1	6130,12	5913,451	5785,735	6582,482	7287,315	6245,624	5517,777	5560,083
Q3TA68;Q3TAQ9	43	4	263,6765	0,432365	1,087601	WD repeat domain 36 OS=Mus musculus OX=10090 GN=Wdr36 PE=1 SV=1	1359,731	1425,616	1406,627	1436,208	1690,053	1434,918	1142,299	1374,875
O55131;E9Q1G8;E9Q9F5	39	10	233,1252	0,432625	1,102956	Septin-7 OS=Mus musculus OX=10090 GN=Septin7 PE=1 SV=1	4715,789	5438,317	4103,133	4886,254	4684,887	3569,647	4575,152	4526,843
Q80U28	5	2	32,8912	0,433361	1,23989	MAP kinase-activating death domain protein OS=Mus musculus OX=10090 GN=Madd PE=1 SV=2	501,8336	358,6495	445,3954	290,8145	258,4134	294,0282	371,4214	363,9067
D3YVFO;H3BIV5	2	1	8,508	0,433893	1,152829	A-kinase anchor protein 5 OS=Mus musculus OX=10090 GN=Akap5 PE=1 SV=2	2443,994	2242,853	2377,263	2470,397	2384,725	3296,711	2218,238	2158,484
Q9CRB9;D3Z0L4;F6QFL0;Q9D9P1;S4R238	25	4	145,8543	0,434045	1,58222	MICOS complex subunit Mic19 OS=Mus musculus OX=10090 GN=Chchd3 PE=1 SV=1	527,8934	1717,857	520,2117	662,0906	669,3419	432,7018	1265,52	1045,127
Q99JI4;A0A286YDW8	31	8	185,3801	0,434389	1,063365	26S proteasome non-ATPase regulatory subunit 6 OS=Mus musculus OX=10090 GN=Psm6 PE=1 SV=1	3751,913	4059,801	4321,05	4163,174	4493,959	4080,683	4100,644	4017,325
Q6PGG6	13	1	69,6557	0,434484	1,332946	Guanine nucleotide-binding protein-like 3-like protein OS=Mus musculus OX=10090 GN=Gnl3l PE=1 SV=1	2624,025	2280,19	16,11166	2661,882	3041,993	2733,121	2008,261	1838,468
Q8VHK9	49	11	296,0597	0,434861	2,674302	ATP-dependent DNA/RNA helicase DHX36 OS=Mus musculus OX=10090 GN=Dhx36 PE=1 SV=2	2049,819	13453,69	1424,318	2267,497	1937,109	1091,245	1977,296	2172,046
Q80VJ6	1	1	4,1468	0,435166	1,834732	Zinc finger and SCAN domain containing protein 4C OS=Mus musculus OX=10090 GN=Zscan4c PE=2 SV=1	170,1285	140,2514	128,8242	66,01516	34,96503	203,6244	288,2388	291,0348
Q9CXW2	17	2	105,9779	0,435196	1,150573	28S ribosomal protein S22, mitochondrial OS=Mus musculus OX=10090 GN=Mmps22 PE=1 SV=1	2924,218	2215,724	2156,886	2111,982	2155,029	2561,676	2463,625	1724,017
A2AMC3;Q3UXG7;Q91ZW2	9	1	50,5494	0,4352	1,274579	GDP-fucose protein O-fucosyltransferase 1 OS=Mus musculus OX=10090 GN=Pofut1 PE=1 SV=1	418,7121	404,6583	597,4441	242,2116	458,2334	259,6325	468,4766	371,6415
P10630;A0A338P6X5;E9Q561;Q8BTU6	35	3	276,2799	0,43532	1,139394	Eukaryotic initiation factor 4A-II OS=Mus musculus OX=10090 GN=Eif4a2 PE=1 SV=2	4705,607	3291,914	5089,255	5395,081	6203,028	5191,378	4926,976	4474,506

Q8K083;Q3TR09	11	2	72,6823	0,435516	1,463251	Zinc finger protein 536 OS=Mus musculus OX=10090 GN=Znf536 PE=1 SV=1	279,8482	335,2665	359,3236	196,3503	101,0611	270,2184	366,0935	321,2666
E9PVA8	144	37	881,8116	0,435869	1,128094	eIF-2-alpha kinase activator GCN1 OS=Mus musculus OX=10090 GN=Gcn1 PE=1 SV=1	8642,709	6795,055	6872,602	9710,507	9272,642	7455,038	8245,341	7711,887
G5E8V8;Q9JIT9	11	3	60,5173	0,435966	1,527773	Phosphorylated adapter RNA export protein OS=Mus musculus OX=10090 GN=Phax PE=1 SV=1	449,5497	962,6448	330,2737	371,6397	490,3538	102,5672	377,0304	413,8329
Q8BGH2	29	9	186,9757	0,436051	1,086026	Sorting and assembly machinery component 50 homolog OS=Mus musculus OX=10090 GN=Samm50 PE=1 SV=1	5403,375	4326,31	4964,633	4838,126	4910,154	5010,586	4601,555	4088,977
P48967;A0A494BAB9	6	1	39,5078	0,437844	1,284845	M-phase inducer phosphatase 3 OS=Mus musculus OX=10090 GN=Cdc25c PE=2 SV=2	7389,702	4746,773	3111,152	9711,088	6964,656	6052,422	5293,549	7236,271
Q9QZE7;A0A1D5RLR0	13	2	83,4629	0,437883	1,259632	Translin-associated protein X OS=Mus musculus OX=10090 GN=Tsnax PE=1 SV=1	96,72083	91,10704	53,76839	155,9271	28,36635	2,134918	144,4167	140,669
P43274	48	7	196,7956	0,438084	1,217377	Histone H1.4 OS=Mus musculus OX=10090 GN=H1-4 PE=1 SV=2	7731,602	4754,289	4845,928	9227,708	8697,914	5421,505	6920,566	6467,297
O08529	10	3	59,8092	0,438093	1,449744	Calpain-2 catalytic subunit OS=Mus musculus OX=10090 GN=Capn2 PE=1 SV=4	541,694	367,6588	202,7512	446,9044	514,3189	558,7035	518,022	669,1192
P06745;A0A0U1RP97;A0A0U1RQ18;A0A0U1RQ72	54	22	364,0767	0,438527	1,096966	Glucose-6-phosphate isomerase OS=Mus musculus OX=10090 GN=Gpi PE=1 SV=4	30688,19	28052,97	29718,79	35650,05	33471,23	33478,71	34680,89	34513,67
P27048;A0A0G2JGN4	19	1	139,1029	0,439563	1,433374	Small nuclear ribonucleoprotein-associated protein B OS=Mus musculus OX=10090 GN=Snrpb PE=1 SV=1	7137,326	5254,865	4798,462	8744,725	3610,821	8191,912	8688,694	3292,7
Q91V89;Q7TNL5	15	3	81,1915	0,439897	1,219079	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit OS=Mus musculus OX=10090 GN=Ppp2r5d PE=1 SV=1	839,8995	611,0752	782,541	845,2299	1018,335	455,8518	640,3818	672,8992
Q922D8;A0A1W2P733;A0A1W2P7L5	53	11	395,7505	0,440615	1,297363	C-1-tetrahydrofolate synthase, cytoplasmic OS=Mus musculus OX=10090 GN=Mthfd1 PE=1 SV=4	8163,567	3416,919	3668,801	5484,613	9711,732	5032,373	6171,139	5984,147
E9Q6M3	2	1	10,8896	0,440693	1,203957	Zinc finger protein 995 OS=Mus musculus OX=10090 GN=Zfp995 PE=4 SV=1	1329,339	1209,726	918,3225	1436,896	631,2167	1318,744	1097,555	1017,65
A0A3B2WBL1;A0A3B2W820;A0A3B2W824;A0A3B2WCA5;A0A3B2WDD2;D6RE43;Q5XJF6	32	1	166,9172	0,441002	2,773672	Ribosomal protein OS=Mus musculus OX=10090 GN=Rpl10a PE=1 SV=1	44,52638	137,053	65,00735	13,8795	4,101761	13,44803	26,7532	153,5494
Q91YE6;E0CXB2;E0CY46;E9QKZ2;F6UT58	20	4	156,9653	0,441203	1,12003	Importin-9 OS=Mus musculus OX=10090 GN=Ipo9 PE=1 SV=3	5160,127	4357,381	4965,008	5261,52	5059,055	3311,761	4850,259	4407,061
COHKD8;COHKD9	8	2	48,8686	0,441371	2,01879	Microfibrillar-associated protein 1A OS=Mus musculus OX=10090 GN=Mfap1a PE=1 SV=1	435,9729	160,8534	0	92,30743	75,26688	233,6097	102,5704	120,4255
Q6PD26	22	6	171,5055	0,441562	1,096247	GPI transamidase component PIG-S OS=Mus musculus OX=10090 GN=Pigs PE=1 SV=3	1109,575	956,6637	1228,158	1206,952	1078,391	1100,571	1186,401	1063,787
Q9JJG9	4	1	25,4268	0,441664	1,717654	Nitric oxide-associated protein 1 OS=Mus musculus OX=10090 GN=Noa1 PE=1 SV=1	31,34048	38,86668	83,95334	10,66641	31,09364	0	22,82569	46,45722

Q99JP7;A2AQN2;H3BKA5	26	6	161,2992	0,441944	1,255198	Glutathione hydrolase 7 OS=Mus musculus OX=10090 GN=Ggt7 PE=1 SV=2	4248,029	3275,442	2556,584	4980,161	2911,59	3083,901	2764,654	3238,133
Q64467;A0A0R4J0X7;S4R2 G5	27	1	104,4078	0,442186	1,192153	Glyceraldehyde-3-phosphate dehydrogenase, testis-specific OS=Mus musculus OX=10090 GN=Gapdhs PE=1 SV=1	229,3024	183,0062	141,5366	163,0554	127,216	186,7776	166,8446	167,0309
A0A494BA87;Q7TMW6	5	1	21,0608	0,44332	1,488912	Cytosolic iron-sulfur assembly component 3 OS=Mus musculus OX=10090 GN=Ciao3 PE=1 SV=1	6,451588	64,82184	60,28521	0	30,57915	18,61004	17,41408	44,13708
Q922U1	18	1	92,953	0,443396	1,226694	U4/U6 small nuclear ribonucleoprotein Prp3 OS=Mus musculus OX=10090 GN=Prpf3 PE=1 SV=1	1754,369	1349,925	1647,269	1565,728	2438,585	2018,629	1409,591	1310,3
Q3TMX7	12	3	81,6948	0,443465	1,136736	Sulfhydryl oxidase 2 OS=Mus musculus OX=10090 GN=Qsox2 PE=1 SV=1	1181,299	959,1488	1091,232	1140,666	689,5928	1110,351	1087,132	959,3266
Q9ROM6;A2AFP4;A2AFP5	10	1	52,5542	0,443638	1,178936	Ras-related protein Rab-9A OS=Mus musculus OX=10090 GN=Rab9a PE=1 SV=1	2025,022	2010,901	2444,181	2129,725	1742,564	2193,709	1691,262	2112,308
P13542	10	2	42,2172	0,4439	1,252612	Myosin-8 OS=Mus musculus OX=10090 GN=Myh8 PE=2 SV=2	448,5926	823,3123	330,7191	504,1836	779,441	379,454	476,7487	536,6222
P27773;F6Q404	136	73	691,873	0,444974	1,163788	Protein disulfide-isomerase A3 OS=Mus musculus OX=10090 GN=Pdia3 PE=1 SV=2	63705,81	37497,87	41609,59	62379,85	68250,16	57178,72	50666,69	47189,63
P70460	16	4	79,2057	0,445949	1,307195	Vasodilator-stimulated phosphoprotein OS=Mus musculus OX=10090 GN=Vasp PE=1 SV=4	2212,115	1522,592	1266,1	2952,133	3115,524	1242,979	2771,349	2658,334
P33175	77	6	518,6747	0,446112	1,13643	Kinesin heavy chain isoform 5A OS=Mus musculus OX=10090 GN=Kif5a PE=1 SV=3	3776,844	3596,342	3686,654	4676,743	5471,97	3494,672	4270,491	3688,986
Q7M6Y3;A0A140LHG9;A0 A1L1SUR7	27	2	195,7025	0,446208	1,316298	Phosphatidylinositol-binding clathrin assembly protein OS=Mus musculus OX=10090 GN=Picalm PE=1 SV=1	5583,354	5364,745	2081,186	6928,248	9756,938	6218,773	5313,69	4980,656
E9Q3P4	74	8	382,495	0,447155	1,160212	Centromere protein F OS=Mus musculus OX=10090 GN=Cenpf PE=1 SV=1	4197,915	5707,983	4533,603	5125,359	5831,81	4437,757	3700,892	4139,413
Q9QXX4	27	1	156,9912	0,447351	1,202966	Calcium-binding mitochondrial carrier protein Aralar2 OS=Mus musculus OX=10090 GN=Slc25a13 PE=1 SV=1	304,0146	282,0651	277,5412	396,1144	180,2325	198,8118	310,5992	376,1368
Q9Z0Z4;A2AI62	3	1	14,1778	0,447979	1,269184	Hephaestin OS=Mus musculus OX=10090 GN=Heph PE=1 SV=3	1130,494	1217,995	0	1064,447	1150,201	1418,951	835,4465	927,0456
Q9CPQ1	15	4	67,0545	0,44816	1,202654	Cytochrome c oxidase subunit 6C OS=Mus musculus OX=10090 GN=Cox6c PE=1 SV=3	684,9579	484,6029	709,4428	911,2825	772,8846	577,6354	691,923	812,5116
A3KGW0 A0A0R4J1E2;A0A0R4J1L2; D3YUQ9;D3YY68;D3YZT9; D3Z356;D3Z7N2;E9PUM6; E9QN08;F6ZFU0;Q80T06; Q91VK2;Q9CVV2	2	1	14,3171	0,448585	1,231797	Outer dense fiber protein 2 OS=Mus musculus OX=10090 GN=Odf2 PE=1 SV=1	1343,2	0	2766,077	2165,638	1728,067	1563,369	2162,293	2275,692
	51	3	330,1981	0,448789	1,140692	Elongation factor 1-delta OS=Mus musculus OX=10090 GN=Eef1d PE=1 SV=1	18053,57	15460,9	16287,6	20028,87	22453,36	18712,31	17555,54	14421,11

Q3URU2	5	2	22,5805	0,44881	1,988513	Paternally-expressed gene 3 protein OS=Mus musculus OX=10090 GN=Peg3 PE=1 SV=1	182,0613	125,5273	70,42653	268,0072	104,6276	45,30757	127,4296	189,013
G3UVU2;D3YW09;D3Z5A6	12	2	57,8821	0,448833	1,212639	Splicing factor 3A subunit 2 OS=Mus musculus OX=10090 GN=Sf3a2 PE=1 SV=1	16411,66	9030,708	14222,83	18622,94	20421,2	20615,39	15468,04	14177,83
Q62193;F6V8R7;Q3TE40	6	1	50,6318	0,449379	1,432777	Replication protein A 32 kDa subunit OS=Mus musculus OX=10090 GN=Rpa2 PE=1 SV=1	466,043	509,5789	462,9609	140,3359	91,09243	201,2608	309,4725	500,1728
Q9CQF3;A0A1D5RLS2;A0A1D5RLT7	15	3	104,57	0,450291	1,317579	Cleavage and polyadenylation specificity factor subunit 5 OS=Mus musculus OX=10090 GN=Nudt21 PE=1 SV=1	480,2681	124,0403	373,9437	217,77	262,2853	309,2973	365,2252	354,833
O70492;D3Z6Z0;D3Z789;Q78ZM0	8	1	46,7196	0,451019	1,096802	Sorting nexin-3 OS=Mus musculus OX=10090 GN=Snx3 PE=1 SV=3	2321,986	2110,829	2375,214	2248,641	2735,582	2838,351	2227,821	2131,617
Q8BH04;A0A0R4J0G0;A0A2I3BQC6;A0A2I3BQL9;A0A2I3BRX1;A0A2I3BS39	33	6	215,2442	0,451265	1,166202	Phosphoenolpyruvate carboxykinase [GTP], mitochondrial OS=Mus musculus OX=10090 GN=Pck2 PE=1 SV=1	1915,292	1687,025	1597,476	1269,405	1332,057	1886,022	1319,893	1018,174
Q6PAL0	5	1	24,1551	0,451449	1,307117	BEN domain-containing protein 3 OS=Mus musculus OX=10090 GN=Bend3 PE=1 SV=1	1015,657	89,48092	1712,065	1289,091	1551,173	1270,388	1140,159	1405,687
P20664;J3QN19	9	3	47,5794	0,451705	1,230377	DNA primase small subunit OS=Mus musculus OX=10090 GN=Prim1 PE=1 SV=1	1113,481	1342,191	981,5473	1752,629	1278,737	1594,669	1139,647	923,6071
A2AF47;A2AF67	10	5	44,0405	0,452177	1,176127	Dedicator of cytokinesis protein 11 OS=Mus musculus OX=10090 GN=Dock11 PE=1 SV=1	3313,638	2885,431	3104,052	3777,092	3650,19	2270,904	2858,614	2341,72
Q69Z57;J3KMK0;Q3TGM7 Q921F2;A0A087WNY6;A0A087WP57;A0A087WQA5; A0A087WQX8;A0A087WR97; A0A087WRP4;A0A087WRZ5; A0A087WS17;A0A087WS74; A0A087WSC6;A0A087WSE4; A0A087WSH7;H3BJV1; Q6VYI4;Q6VYI5;Q8BLD4; Q8R0B4	26	1	161,1916	0,45245	1,48442	HBS1-like protein OS=Mus musculus OX=10090 GN=Hbs1l PE=1 SV=2	2887,795	4153,949	8524,645	5368,159	4002,172	6639,339	2903,696	3358,297
Q8BG32;G3UWV7;G3UW7; G3UX15;G3UX67;G3UXL5; G3UYH2;G3UYI4;G3UYL3; G3UYL8;G3UZ28	49	18	287,8656	0,453042	1,211411	TAR DNA-binding protein 43 OS=Mus musculus OX=10090 GN=Tardbp PE=1 SV=1	13955,87	9344,591	9137,199	19273,36	15088,65	9969,242	14527,86	13310,19
Q8BYL4;E9PX65;F7BWC1	17	2	124,4166	0,454128	1,37064	26S proteasome non-ATPase regulatory subunit 11 OS=Mus musculus OX=10090 GN=Psm11 PE=1 SV=3	11103,19	11540,27	12413,53	12635,87	12849,88	12116,65	12029,78	10914
Q8C1A5;A0A0R4IZY0	30	5	187,2882	0,454193	1,197113	Tyrosine--tRNA ligase, mitochondrial OS=Mus musculus OX=10090 GN=Yars2 PE=1 SV=2	1114,166	924,5158	427,5454	972,2889	760,8562	439,9004	677,0054	630,9311
Q8C9A2	6	1	32,8356	0,454326	1,789067	Thimet oligopeptidase OS=Mus musculus OX=10090 GN=Thop1 PE=1 SV=1	857,3359	728,8855	560,8965	1022,439	658,8981	782,1803	623,9541	652,9929
						Endonuclease V OS=Mus musculus OX=10090 GN=Endov PE=1 SV=2	68,53114	28,30022	25,91393	20,32275	30,37978	21,37183	83,76247	66,81815

						Set1/Ash2 histone methyltransferase complex													
D3YYA0	11	1	59,4304	0,454475	1,235697	subunit ASH2 OS=Mus musculus OX=10090 GN=Ash2l PE=1 SV=1	2064,669	672,5718	3184,75	1814,051	2897,903	2648,903	2234,443	1778,153					
Q9QYCO;E9Q1K3;F6RDR0; F8WGR0;F8WHZ9	14	2	85,0834	0,455181	1,836059	Alpha-adducin OS=Mus musculus OX=10090 GN=Add1 PE=1 SV=2	667,5797	121,6273	166,8947	1071,706	534,5398	130,4898	461,8059	453,0619					
Q9Z2W0;A0A087WNX3;A0 A087WRC1;A0A087WS31; A0A087WSD3;A0A087WS E6;A0A087WSU0;Q3TVK3; Q8BPW9	31	3	239,5838	0,45601	1,136698	Aspartyl aminopeptidase OS=Mus musculus OX=10090 GN=Dnpep PE=1 SV=2	3699,7	3585,208	2983,728	3978,203	5180,969	3692,336	3833,144	3487,902					
Q9WVK4	27	2	158,9315	0,456378	1,126906	EH domain-containing protein 1 OS=Mus musculus OX=10090 GN=Ehd1 PE=1 SV=1	4914,17	4266,667	4333,53	5362,033	6323,07	5528,608	4888,628	4531,617					
P54754;E0CYA3	10	1	52,4656	0,456394	3,916895	Ephrin type-B receptor 3 OS=Mus musculus OX=10090 GN=Ephb3 PE=1 SV=2	135,5534	114,5698	681,1078	169,5327	1177,629	4,69166	527,4	411,8628					
A2AFI6	14	1	78,1172	0,456769	1,411701	Transmembrane 9 superfamily member OS=Mus musculus OX=10090 GN=Tm9sf5 PE=1 SV=1	832,1607	1357,414	673,6321	635,3332	578,1006	342,1159	845,134	1000,37					
Q99ME9;A0A217FL53	43	12	274,203	0,458224	1,098553	GTP-binding protein 4 OS=Mus musculus OX=10090 GN=Gtpbp4 PE=1 SV=3	10462,85	11364,43	10455,07	11458,38	11668,87	9618,16	9829,012	8700,622					
Q9WV54;D3Z505	23	6	169,6853	0,45907	1,14098	Acid ceramidase OS=Mus musculus OX=10090 GN=Asah1 PE=1 SV=1	9503,276	7198,654	8672,724	10997,46	10943,19	8793,496	8570,237	8935,733					
P97315	9	1	51,7431	0,45929	1,625046	Cysteine and glycine-rich protein 1 OS=Mus musculus OX=10090 GN=Csrp1 PE=1 SV=3	222,0749	14,91279	259,0944	262,2634	222,2346	134,7963	118,8917	167,0777					
Q9R0P6;D3YTS1;D3YWT0; D3Z569	11	3	74,9695	0,45935	1,067822	Signal peptidase complex catalytic subunit SEC11A OS=Mus musculus OX=10090 GN=Sec11a PE=1 SV=1	3476,205	3609,039	3755,894	3860,154	3925,367	3638,906	3355,404	2941,976					
Q9QY81;A0A0R4J1I6;F6XG NO	73	22	470,2403	0,45947	1,15918	Nuclear pore membrane glycoprotein 210 OS=Mus musculus OX=10090 GN=Nup210 PE=1 SV=2	5140,021	6187,485	4913,787	5640,689	3522,948	7032,31	4016,775	4663,689					
Q9CYA6	8	1	37,2759	0,460048	1,760516	Zinc finger CCHC domain-containing protein 8 OS=Mus musculus OX=10090 GN=Zcchc8 PE=1 SV=3	900,3625	0	20,39871	665,4901	561,7496	0	922,9059	656,3057					
Q08639;A0A087WPS0;A0 A087WSK4;A0A1B0GXK0;F 6QG91;Q9CYZ7	6	1	36,5012	0,460188	1,256833	Transcription factor Dp-1 OS=Mus musculus OX=10090 GN=Tfdp1 PE=1 SV=1	829,5106	950,7144	969,6984	878,005	432,5729	974,0732	711,0625	768,8539					
Q9WTI7	47	10	277,514	0,4605	1,154985	Unconventional myosin-Ic OS=Mus musculus OX=10090 GN=Myo1c PE=1 SV=2	1891,14	1696,17	2561,902	2169,643	1728,527	1924,846	1964,677	1640,539					
Q9JK81;F7A3N3;F8WGG3	16	5	128,431	0,461727	1,186648	MYG1 exonuclease OS=Mus musculus OX=10090 GN=Myg1 PE=1 SV=1	10501,55	5257,294	11857,03	12781,2	13731,27	11775,63	11728,67	10701,53					
O35874;Q5SSP3	3	1	14,0429	0,461878	1,645534	Neutral amino acid transporter A OS=Mus musculus OX=10090 GN=Slc1a4 PE=1 SV=1	2,863953	23,06848	47,13545	0,173807	0,198087	9,662003	23,03437	37,13483					
P60122;D3YW60	31	6	235,7607	0,462253	1,241334	RuvB-like 1 OS=Mus musculus OX=10090 GN=Ruvbl1 PE=1 SV=1	9554,039	5844,326	4768,223	8500,596	10685,26	6611,855	7863,996	6239,142					

Q9QYN3	2	2	9,0196	0,462268	1,530387	Kallikrein-11 OS=Mus musculus OX=10090 GN=Klk11 PE=2 SV=1	33304,72	9395,072	17040,08	30889,91	5959,614	34739,88	31134,16	31032,44
O88685;A0A087WPH7;A2 AGN7;B7ZCF1;F6Q2E3	47	12	372,6827	0,462365	1,057871	26S proteasome regulatory subunit 6A OS=Mus musculus OX=10090 GN=Psmc3 PE=1 SV=2	11455,56	11795,44	11939,76	12900,95	13775,31	12038,04	11919,56	12092,59
Q8C0W1;E0CY3;E9PUG3	2	1	13,3464	0,462875	1,147652	Ankyrin repeat and MYND domain-containing protein 1 OS=Mus musculus OX=10090 GN=Ankmy1 PE=1 SV=1	5744,607	5961,921	5793,607	4411,003	4388,349	5610,311	4432,168	5388,933
Q9CR62;Q5SX46	17	2	112,8941	0,462981	1,34225	Mitochondrial 2-oxoglutarate/malate carrier protein OS=Mus musculus OX=10090 GN=Slc25a11 PE=1 SV=3	830,697	418,4131	1087,725	515,0192	368,1012	793,8952	757,8165	768,2205
Q8K411	82	25	549,6943	0,463305	1,114155	Presequence protease, mitochondrial OS=Mus musculus OX=10090 GN=Pitrm1 PE=1 SV=1	27692,79	17000,02	17729,47	28023,61	23377,74	28198,1	24435,09	24759,78
P46471;Q8BVQ9	45	11	360,9433	0,46423	1,088712	26S proteasome regulatory subunit 7 OS=Mus musculus OX=10090 GN=Psmc2 PE=1 SV=5	4354,335	5067,012	4907,48	5275,036	5367,379	3925,703	4859,364	4394,758
O35084	4	2	17,5896	0,464366	1,308397	25-hydroxyvitamin D-1 alpha hydroxylase, mitochondrial OS=Mus musculus OX=10090 GN=Cyp27b1 PE=1 SV=2	800,4219	820,4591	911,949	995,8588	810,1659	967,1808	606,6331	698,5886
E0CYE6;Q3TWL2	3	1	10,0202	0,464577	1,274168	Phosphatidylinositol-4,5-bisphosphate 4- phosphatase (Fragment) OS=Mus musculus OX=10090 GN=Pip4p1 PE=1 SV=1	388,224	439,6962	519,9366	346,4206	0	455,3067	610,2993	568,0332
Q9ESX5;A2AN81;B7ZCL7;F 6S1S5;F6YUI5	36	10	298,223	0,464671	1,120762	H/ACA ribonucleoprotein complex subunit DKC1 OS=Mus musculus OX=10090 GN=Dkc1 PE=1 SV=4	8045,127	5757,62	5092,616	7507,85	8034,04	6586,816	6621,632	6518,432
Q68FD5;F6Z1R4;Q5SXR6	152	63	1015,643	0,464872	1,065059	Clathrin heavy chain 1 OS=Mus musculus OX=10090 GN=Cltc PE=1 SV=3	30502,01	31430,16	30172,41	32615,36	35208,03	29498,07	26568,17	28931,78
Q9D8W5;A0A0R4J0G9;B1 AT36;Q3TRH2	37	5	263,0771	0,465508	1,432182	26S proteasome non-ATPase regulatory subunit 12 OS=Mus musculus OX=10090 GN=Psmc12 PE=1 SV=4	594,1907	563,7599	314,6945	833,7206	192,2838	535,7311	403,2307	479,1409
Q70IV5;A0A140LJ61;A0A1 40LJ79	16	1	75,8562	0,465664	1,142962	Synemin OS=Mus musculus OX=10090 GN=Synm PE=1 SV=2	2749,039	2435,822	3664,845	3184,056	2540,792	3029,43	2955,926	3020,042
P56371	21	3	142,5732	0,465882	1,109227	Ras-related protein Rab-4A OS=Mus musculus OX=10090 GN=Rab4a PE=1 SV=2	631,5624	485,6912	504,072	557,6801	452,5694	584,1623	464,8678	601,2806
A0A2I3BQ61	4	2	19,2734	0,465944	1,386121	GDNF family receptor alpha-2 OS=Mus musculus OX=10090 GN=Gfra2 PE=1 SV=1	407,2466	251,5114	385,1962	257,426	0	194,4902	362,323	382,0514
Q01405;E9Q1S3	32	5	209,7544	0,466624	1,064238	Protein transport protein Sec23A OS=Mus musculus OX=10090 GN=Sec23a PE=1 SV=2	2152,004	2142,158	2047,315	2176,791	2384,712	1729,047	2005,193	1901,548
Q9D8B3	5	1	45,8094	0,466721	1,106067	Charged multivesicular body protein 4b OS=Mus musculus OX=10090 GN=Chmp4b PE=1 SV=2	3641,263	3498,441	4664,4	3649,9	4602,129	3906,497	3835,483	3913,316
Q7TQ07;A0A0J9YTQ3;A0A 0J9YVA9;A0A0R4J0E3	9	2	66,1709	0,46711	1,376688	DNA polymerase nu OS=Mus musculus OX=10090 GN=Poln PE=2 SV=2	789,7721	572,8488	542,513	1311,777	636,0257	344,5901	737,0308	706,1233

Q921L3;A0A0A6YVS2	7	2	55,2715	0,467239	1,18612	Calcium load-activated calcium channel OS=Mus musculus OX=10090 GN=Tmco1 PE=1 SV=1	1433,172	1371,611	1513,896	1801,443	1575,593	1373,008	1065,818	1145,365
P62192	29	10	242,6824	0,468306	1,090517	26S proteasome regulatory subunit 4 OS=Mus musculus OX=10090 GN=Psmc1 PE=1 SV=1	9509,598	9116,908	9792,81	11365,74	11714,45	11189,71	11051,84	8905,531
Q8C156	17	5	103,9128	0,468656	1,268275	Condensin complex subunit 2 OS=Mus musculus OX=10090 GN=Ncaph PE=1 SV=1	1841,424	1664,502	1910,61	1644,583	2947,939	1523,331	2328,131	2156,038
D3Z6I7;F6QLP8;F6RGN9	37	2	235,8786	0,469195	1,277532	Caldesmon 1 OS=Mus musculus OX=10090 GN=Cald1 PE=1 SV=1	1150,51	1248,111	614,4585	1528,47	1464,01	933,3685	1324,488	1470,922
Q8C4Y3	4	1	29,2988	0,469454	1,946028	Negative elongation factor B OS=Mus musculus OX=10090 GN=Nelfb PE=1 SV=2	36,85547	378,7802	155,744	110,869	104,6849	15,78443	60,91232	169,2036
Q9CRB6	17	5	100,9256	0,469531	1,366871	Tubulin polymerization-promoting protein family member 3 OS=Mus musculus OX=10090 GN=Tppp3 PE=1 SV=1	1373,35	1188,304	375,4127	1168,762	1368,734	519,5429	1403,925	1519,567
P58871;A0A571BEG9;Z4YL4	54	8	318,6181	0,470298	1,170131	182 kDa tankyrase-1-binding protein OS=Mus musculus OX=10090 GN=Tnks1bp1 PE=1 SV=2	4468,409	7807,783	5971,81	4668,09	4394,125	5791,294	4989,737	5127,445
Q8CGB9	44	1	288,7639	0,470345	1,139988	Insulin-degrading enzyme OS=Mus musculus OX=10090 GN=Ide PE=1 SV=1	4095,975	2682,459	3292,282	3354,254	4065,864	4581,045	3513,184	3144,213
Q9JHR7	52	2	341,057	0,470345	1,139988	Insulin-degrading enzyme OS=Mus musculus OX=10090 GN=Ide PE=1 SV=1	257,9374	168,9235	207,3261	211,2287	256,0412	288,4838	221,237	198,0017
F6XLV1	56	8	290,3837	0,47091	2,287682	Ciliary rootlet coiled-coil protein 2 OS=Mus musculus OX=10090 GN=Crocc2 PE=3 SV=2	2738,44	2443,309	2228,609	2416,309	2299,666	11044,28	1800,288	1580,948
O35083;A0A0R4J263;G3UWV6	6	1	33,2984	0,470921	1,230701	1-acyl-sn-glycerol-3-phosphate acyltransferase alpha OS=Mus musculus OX=10090 GN=Agpat1 PE=1 SV=1	1319,09	940,7232	1044,763	1661,516	738,2601	1123,477	1084,288	1089,147
Q9CQV4	3	1	25,1344	0,471674	1,312837	Reticulophagy regulator 3 OS=Mus musculus OX=10090 GN=Retreg3 PE=1 SV=1	6810,032	8678,963	4808,512	8039,892	10459,42	13565,63	6724,738	6452,621
Q6Y7W8;E9Q2M5;G3UYG6;G3UYR9	18	1	107,4954	0,472574	1,42381	GRB10-interacting GYF protein 2 OS=Mus musculus OX=10090 GN=Gigyf2 PE=1 SV=2	172,2986	317,9984	384,8259	207,2896	209,7178	131,2183	423,4563	261,97
Q8JZN5;A0A0G2JDY4;A0A0G2JF25	26	4	167,2625	0,472698	1,231989	Complex I assembly factor ACAD9, mitochondrial OS=Mus musculus OX=10090 GN=Acad9 PE=1 SV=2	344,7035	676,6624	589,1378	498,1967	623,4001	669,8387	512,2308	437,7441
Q8BUI3	12	2	69,9667	0,473066	1,566081	Leucine-rich repeat and WD repeat-containing protein 1 OS=Mus musculus OX=10090 GN=LRWD1 PE=2 SV=1	112,7455	132,7005	53,78903	209,356	95,59963	66,50545	72,61475	90,03401
P63011	13	1	90,0155	0,473359	1,170314	Ras-related protein Rab-3A OS=Mus musculus OX=10090 GN=Rab3a PE=1 SV=1	1754,7	2045,805	1132,005	1401,294	1996,995	1551,825	1644,707	1907,152
A2ASJ0	2	2	9,7142	0,473435	2,446593	PRAME-like 28 OS=Mus musculus OX=10090 GN=Pramel28 PE=3 SV=1	1091,467	333,0089	265,1335	465,1575	253,8875	352,8843	317,4989	200,2493
Q9CQN7	7	1	41,1233	0,47352	1,516521	39S ribosomal protein L41, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl41 PE=1 SV=1	1682,768	2478,654	524,4054	1916,415	1125,299	1113,418	1793,052	1254,063



Q61699;A0A0J9YTZ7;D3Z027;D3Z3I9;E9Q0U7	76	30	609,6484	0,473978	1,101384	Heat shock protein 105 kDa OS=Mus musculus OX=10090 GN=Hsph1 PE=1 SV=2	24474,17	22615,58	21118,3	27602,22	31330,58	25622,45	25825,36	22745,51
Q9CZW4;D3Z4I4;E9PUC2	24	1	154,1062	0,474811	1,119034	Fatty acid CoA ligase AcsI3 OS=Mus musculus OX=10090 GN=AcsI3 PE=1 SV=2	1175,859	1142,023	801,6053	1041,07	903,5867	916,6168	924,2272	973,5608
P58242	9	4	68,3837	0,474811	1,442899	Acid sphingomyelinase-like phosphodiesterase 3b OS=Mus musculus OX=10090 GN=Smpdl3b PE=1 SV=1	1372,525	348,762	675,9612	1381,944	1155,6	280,347	1446,249	1399,222
Q9WVM1	20	3	114,629	0,475223	1,127543	Rac GTPase-activating protein 1 OS=Mus musculus OX=10090 GN=Racgap1 PE=1 SV=1	1831,98	1445,724	1596,725	2091,091	1907,94	1988,042	1735,728	1608,114
P53986	10	3	70,8169	0,475592	1,493726	Monocarboxylate transporter 1 OS=Mus musculus OX=10090 GN=Slc16a1 PE=1 SV=1	5134,948	211,7534	3956,91	5269,397	4758,88	1184,433	4678,435	4230,466
Q9WV70;J3QK52	27	8	140,1224	0,475905	1,145808	Nucleolar complex protein 2 homolog OS=Mus musculus OX=10090 GN=Noc2l PE=1 SV=2	2579,597	2554,755	2866,107	2141,669	1782,565	2037,365	2143,711	2887,869
B1ARD8;A0A5H1ZRL2;E9QOR4	7	1	48,0629	0,476188	1,352588	Schlafen family member 8 OS=Mus musculus OX=10090 GN=Slfn8 PE=2 SV=1	337,5183	348,0869	306,9608	264,0443	230,558	239,7064	248,5536	347,9283
P84228;A0A1W2P768;E0CYN1;E0CYR7;F8WI35	52	1	146,8627	0,476352	2,387492	Histone H3.2 OS=Mus musculus OX=10090 GN=H3c15 PE=1 SV=2	8573,085	1611,145	1094,155	14472,16	191,6415	3533,192	2971,271	4089,499
G5E8Y2;B9EI20;E9QNC6;F7ANC5;Q69ZB0	20	3	106,3937	0,476804	1,31123	Leucine-rich repeat and coiled-coil domain-containing protein 1 OS=Mus musculus OX=10090 GN=Lrrcc1 PE=1 SV=1	2397,255	4399,698	1804,078	2469,336	3502,409	4881,823	2998,479	2220,923
A0A087WSB8;Q9DCB1	4	3	14,4704	0,476829	1,90947	High mobility group nucleosome-binding domain-containing protein 3 OS=Mus musculus OX=10090 GN=Hmgn3 PE=1 SV=1	878,5828	405,1208	241,0596	777,7933	1242,894	52,73368	1076,431	1149,095
P53994;G3UXQ7;G3V022	22	4	166,9429	0,477126	1,05643	Ras-related protein Rab-2A OS=Mus musculus OX=10090 GN=Rab2a PE=1 SV=1	3734,474	3487,192	3339,465	3826,392	3583,966	3622,01	3493,759	3048,188
Q9CQC9;A0A1W2P720	21	5	145,5539	0,477686	1,971276	GTP-binding protein SAR1b OS=Mus musculus OX=10090 GN=Sar1b PE=1 SV=1	2095,452	2157,037	4723,327	2732,65	2820,283	12645,39	2846,813	2430,068
A0A1Y7VNZ6;Q03141	3	1	14,8319	0,478645	1,683003	Non-specific serine/threonine protein kinase OS=Mus musculus OX=10090 GN=Mark3 PE=1 SV=1	0	31,07933	98,60029	143,2356	22,05691	37,49983	190,7596	45,74504
Q80YV3	63	12	357,2124	0,478695	1,279946	Transformation/transcription domain-associated protein OS=Mus musculus OX=10090 GN=Trrap PE=1 SV=2	2694,591	2423,347	4595,957	2891,936	5122,663	4602,243	2755,114	2793,363
Q6NXJ0	26	3	148,9131	0,478801	1,371757	Protein WWC2 OS=Mus musculus OX=10090 GN=Wwc2 PE=1 SV=1	1693,14	888,9487	1476,741	2006,787	1787,699	3645,291	1773,652	1113,912
Q3U1J1;A0A0U1RPD5	1	1	10,565	0,479299	1,477604	TCF3 fusion partner homolog OS=Mus musculus OX=10090 GN=Tfpt PE=1 SV=1	458,2584	929,0706	790,9353	1124,807	1310,708	859,2807	765,0676	1945,576
Q3U308;G3UXB4	7	1	36,8234	0,47936	4,245868	Cytoplasmic tRNA 2-thiolation protein 2 OS=Mus musculus OX=10090 GN=Ctu2 PE=1 SV=1	469,5084	41,65693	130,8484	205,8033	993,4059	26,38812	542,7674	1336,193
A0A338P6J0;A0A571BEK3;A0A571BEZ4;D3YUZ8;D3YWU0;E9Q2L2;Q91XM9	8	1	37,1217	0,479536	1,491199	Disks large homolog 2 OS=Mus musculus OX=10090 GN=Dlg2 PE=1 SV=2	35,80639	60,0426	52,46856	118,2164	132,2891	121,066	44,83179	99,26832

Q8BP65;Q60644	2	1	9,9701	0,479668	1,352549	Oxysterols receptor LXR-beta OS=Mus musculus OX=10090 GN=Nr1h2 PE=1 SV=1	277,3419	163,0959	148,7604	178,9379	237,3028	53,31789	216,5657	179,0261
Q6ZWZ6;A0A1W2P7A1;F7AEH4;P63323	20	7	151,4766	0,479916	1,139388	40S ribosomal protein S12 OS=Mus musculus OX=10090 GN=Rps12 PE=1 SV=1	18828,18	19971,36	15236,13	24162,95	25621,8	17023,88	22919,16	20598,46
Q9CQZ5;A0A2R8VI90	10	5	70,5313	0,480376	1,17826	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6 OS=Mus musculus OX=10090 GN=Ndufa6 PE=1 SV=1	428,9918	299,3274	366,2502	405,8018	216,2661	377,4199	412,8593	457,313
Q9EP72	8	1	47,5133	0,480758	1,817502	ER membrane protein complex subunit 7 OS=Mus musculus OX=10090 GN=Emc7 PE=1 SV=1	91,36693	107,1164	163,8978	39,86619	59,34852	148,3453	234,1669	289,2246
G3X926;Q9JJ80;S4R1Y5;S4R2H5;S4R2R2	18	2	138,3369	0,480816	1,147678	Ribosome production factor 2 homolog OS=Mus musculus OX=10090 GN=Rpf2 PE=1 SV=1	1332,328	1095,671	936,588	1307,941	1168,462	1163,836	887,8592	908,1894
Q9DCT2	20	6	144,0871	0,4812	1,106894	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial OS=Mus musculus OX=10090 GN=Ndufs3 PE=1 SV=2	10150,02	9103,53	9061,83	10988,33	11050,39	8473,718	8713,975	8075,279
Q6RT24;A0A0G2JG58;Q68FG3	189	8	1316,082	0,481245	1,131242	Centromere-associated protein E OS=Mus musculus OX=10090 GN=Cenpe PE=1 SV=1	8182,312	9139,056	8943,959	12363,52	8222,325	9165,449	8868,432	7891,079
Q61655	19	2	107,9718	0,481282	1,199593	ATP-dependent RNA helicase DDX19A OS=Mus musculus OX=10090 GN=Ddx19a PE=1 SV=2	2349,205	1639,596	2484,834	1846,971	2433,275	2426,257	2791,677	1878,574
Q62009	3	1	13,4678	0,482192	1,52053	Periostin OS=Mus musculus OX=10090 GN=Postn PE=1 SV=2	170,1864	91,38553	77,69076	187,1842	37,91549	40,33165	101,0342	166,9446
A0A2I3BS49;Q9CXU4;Q9WTQ8	4	1	30,9978	0,482338	1,148489	Mitochondrial import inner membrane translocase subunit Tim23 OS=Mus musculus OX=10090 GN=Timm23 PE=1 SV=1	996,0862	886,0474	1324,924	1529,866	1418,062	1097,529	1498,42	1312,721
P35700;B1AXW4;B1AXW5;B1AXW6	46	20	255,5976	0,48239	1,091132	Peroxisome oxidoreductin-1 OS=Mus musculus OX=10090 GN=Prdx1 PE=1 SV=1	62206,2	57834,72	62561,4	67911,81	75687,95	69392,42	65586,62	55057,74
A0A0G2JFD5;A0A0G2JFY7;A0A0G2JGJ6;G3UXD1;J3QMF9;k7N6W5;Q80ZT2;Q8C5Y0	3	1	17,7653	0,482491	1,354875	Predicted gene, 21083 OS=Mus musculus OX=10090 GN=Gm21083 PE=4 SV=1	245,4755	512,0943	198,6159	216,6243	51,83147	79,10106	381,9903	410,1385
P21844;A4QPC5	3	1	8,7279	0,482546	1,457933	Chymase OS=Mus musculus OX=10090 GN=Cma1 PE=1 SV=2	61,35994	339,5283	259,6627	114,5752	113,8648	133,6642	255,7719	350,3229
Q60698	4	2	17,5035	0,483487	1,853143	Ski oncogene OS=Mus musculus OX=10090 GN=Ski PE=1 SV=2	442,1809	153,8958	67,1847	449,8924	29,76173	277,4207	591,7933	698,0728
Q68FD9;D3YTS3	13	4	61,3868	0,483767	1,464978	UPF0606 protein KIAA1549 OS=Mus musculus OX=10090 GN=Kiaa1549 PE=1 SV=3	800,604	592,764	274,1978	948,5299	1435,625	290,4601	1135,045	971,3925
P32921	38	9	255,8325	0,484289	1,097292	Tryptophan--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Wars1 PE=1 SV=2	7639,615	7736,945	7833,815	8639,019	10151,6	9478,936	7627,4	7690,139
Q8R0H9	11	2	41,6904	0,484462	2,390646	ADP-ribosylation factor-binding protein GGA1 OS=Mus musculus OX=10090 GN=Gga1 PE=1 SV=1	83,94449	14,71044	10,26428	93,56898	18,93561	4,021433	50,59724	49,46505

P70297;A2ARJ0;Q3UGN9	13	2	82,1132	0,484519	1,533322	Signal transducing adapter molecule 1 OS=Mus musculus OX=10090 GN=Stam PE=1 SV=3	932,1481	2551,263	584,0663	968,3028	928,96	810,7767	684,9103	859,5828
Q9R257;A0A140T8J4	12	1	90,5804	0,484741	1,963885	Heme-binding protein 1 OS=Mus musculus OX=10090 GN=Hebp1 PE=1 SV=2	287,2852	91,41745	92,54006	470,0688	137,3475	17,17734	199,8904	144,867
Q9JLQ0;A0A3B2W812	7	1	40,6156	0,485175	1,683278	CD2-associated protein OS=Mus musculus OX=10090 GN=Cd2ap PE=1 SV=3	1651,54	1009,157	180,366	2002,615	2431,056	192,849	2301,512	2060,516
P55258	22	3	146,7174	0,485234	1,118831	Ras-related protein Rab-8A OS=Mus musculus OX=10090 GN=Rab8a PE=1 SV=2	775,8481	995,0575	960,881	772,7695	758,4867	836,8616	716,1409	820,8479
Q8R2Y2;A0A1L1SQC5;F7ATH5	14	4	88,1037	0,485323	1,241311	Cell surface glycoprotein MUC18 OS=Mus musculus OX=10090 GN=Mcam PE=1 SV=1	424,1858	456,2179	406,419	284,2645	445,6831	556,8653	469,3936	478,2653
Q9D1R9;A0A0G2JJE6;A0A0G2JGY8	11	4	75,3261	0,485367	1,219817	60S ribosomal protein L34 OS=Mus musculus OX=10090 GN=Rpl34 PE=1 SV=2	12492,74	4888,607	14179	15513,35	16551,66	16003,9	13529,71	11336,04
Q3UMF0;B1AZ14;B1AZ15	16	1	79,1802	0,485489	2,262913	Cordon-bleu protein-like 1 OS=Mus musculus OX=10090 GN=Cobl1 PE=1 SV=2	463,7629	1807,737	632,8107	2334,633	2466,444	77,18802	2299,415	4454,901
Q78JW9;A0A0U1RQ55	7	2	40,9292	0,485569	1,218167	Ubiquitin domain-containing protein UBF1 OS=Mus musculus OX=10090 GN=Ubf1 PE=1 SV=2	12456,33	6008,772	12912,27	14502,85	17522,44	14249,46	13164,33	10953,55
Q80TQ2;Z4YJJ5	5	2	26,2765	0,486177	2,293802	Ubiquitin carboxyl-terminal hydrolase CYLD OS=Mus musculus OX=10090 GN=Cyld PE=1 SV=2	90,97931	295,5383	209,4788	220,5122	0	161,4169	75,07562	331,5926
Q9D0R2;A0A2I3BPK8	50	7	293,5545	0,486373	1,159275	Threonine--tRNA ligase 1, cytoplasmic OS=Mus musculus OX=10090 GN=Tars1 PE=1 SV=2	1527,833	938,3859	967,985	1381,405	981,7333	1069,436	980,7602	1166,101
F6ZX84	16	4	109,8809	0,48653	1,32446	Cytoplasmic dynein 1 heavy chain 1 (Fragment) OS=Mus musculus OX=10090 GN=Dync1h1 PE=1 SV=1	700,635	1446,648	927,2326	592,6425	858,236	729,1652	721,4916	790,326
P18760;A0A494B9A7	25	2	175,8263	0,48657	1,110894	Cofilin-1 OS=Mus musculus OX=10090 GN=Cfl1 PE=1 SV=3	29703,69	23697,23	20698,84	29567,43	30756,92	26737,83	24162,87	25180,06
Q9CPQ8	12	7	57,3585	0,486706	1,212694	ATP synthase subunit g, mitochondrial OS=Mus musculus OX=10090 GN=Atp5mg PE=1 SV=1	13859,18	14777,94	15624,55	12246,31	12484,23	15874,68	11747,31	10679,09
O70152;A2BDX2;F8WII3	13	5	87,9695	0,487114	1,140742	Dolichol-phosphate mannosyltransferase subunit 1 OS=Mus musculus OX=10090 GN=Dpm1 PE=1 SV=1	4252,111	3320,694	3157,913	4505,16	3818,766	2922,211	3108,48	3506,654
Q9Z2A5	2	1	9,2765	0,487173	1,550463	Arginyl-tRNA--protein transferase 1 OS=Mus musculus OX=10090 GN=Ate1 PE=1 SV=2	1541,292	586,991	386,8867	2265,406	406,9045	0	1618,536	2187,322
A0A1L1SSC7;A0A338P6N2;D3YVV0;E9Q723;Q3UMK4	23	4	120,4385	0,487829	1,24899	Tetratricopeptide repeat domain 13 OS=Mus musculus OX=10090 GN=Ttc13 PE=1 SV=1	568,2815	661,2319	1089,314	587,1254	717,7299	446,6043	499,7115	662,5969
Q9JLJ2;Q3U367	40	10	241,7337	0,487897	1,070793	4-trimethylaminobutyraldehyde dehydrogenase OS=Mus musculus OX=10090 GN=Aldh9a1 PE=1 SV=1	11688,85	10316,83	10024,85	12217	9581,96	11492,97	11669,88	10637,2

Q99LI8;B1ATY9;Q3UMA3	12	4	66,1852	0,487931	1,275802	Hepatocyte growth factor-regulated tyrosine kinase substrate OS=Mus musculus OX=10090 GN=Hgs PE=1 SV=2	2351,383	3477,38	3894,066	2901,049	2894,48	4234,939	2261,624	1855,889
A0A1Y7VMN0;A0A1Y7VLD1;F8VPK5;P70336	9	1	46,1048	0,488299	1,328383	Rho-associated protein kinase 2 (Fragment) OS=Mus musculus OX=10090 GN=Rock2 PE=1 SV=1	589,6257	752,2118	507,5746	1607,386	1280,335	1518,009	1077,418	716,1886
Q8R5M8;A0A668KLV1;EOCY16;E9PYN1	13	2	81,074	0,48842	1,325741	Cell adhesion molecule 1 OS=Mus musculus OX=10090 GN=Cadm1 PE=1 SV=2	717,465	207,8066	219,9628	658,2534	745,193	304,7478	393,7919	279,4596
E9Q3M9;F7B0R9	48	8	316,8233	0,488545	1,36675	Capping protein-inhibiting regulator of actin-like OS=Mus musculus OX=10090 GN=Cracdl PE=1 SV=1	10758,4	7358,831	4246,081	10684,15	14630,97	3683,223	11693,25	8051,302
P68040	47	21	282,8079	0,488546	1,282727	Receptor of activated protein C kinase 1 OS=Mus musculus OX=10090 GN=Rack1 PE=1 SV=3	47272,49	55441,21	44888,91	50658,64	96545,03	49470,75	45524,08	44621,47
Q9CPY7	42	8	320,3191	0,488664	1,124093	Cytosol aminopeptidase OS=Mus musculus OX=10090 GN=Lap3 PE=1 SV=3	14942,62	12771,69	10570,5	16297,66	17865,31	15209,32	14121,1	14160,03
P62911	10	2	77,5242	0,488665	1,5478	60S ribosomal protein L32 OS=Mus musculus OX=10090 GN=Rpl32 PE=1 SV=2	3848,397	503,0272	1926,369	2783,741	4154,943	836,312	4256,649	4777,543
Q9CQE8	26	7	195,9001	0,488774	1,080252	RNA transcription, translation and transport factor protein OS=Mus musculus OX=10090 GN=RTRAF PE=1 SV=1	6190,327	6308,492	5865,414	7276,985	7419,009	6759,757	6319,686	6195,657
O08715	13	2	56,5113	0,488778	1,210403	A-kinase anchor protein 1, mitochondrial OS=Mus musculus OX=10090 GN=Akap1 PE=1 SV=4	1422,3	589,0287	474,1929	1412,199	1039,267	939,5876	936,2545	1282,857
P52912;A0A0N4SVR8;D3Y Y02;D3Z4H6	12	1	86,1445	0,489913	1,330098	Cytotoxic granule associated RNA binding protein TIA1 OS=Mus musculus OX=10090 GN=Tia1 PE=1 SV=1	1393,571	1481,417	1080,353	561,7586	1838,011	1374,965	1001,971	1109,54
Q501J7	2	1	8,1411	0,490143	2,231429	Phosphatase and actin regulator 4 OS=Mus musculus OX=10090 GN=Phactr4 PE=1 SV=2	0	7,698065	0	153,0484	2,777331	39,19862	22,85809	7,203431
A0A571BE77	6	1	32,996	0,49053	1,556764	A-kinase anchor protein 9 (Fragment) OS=Mus musculus OX=10090 GN=Akap9 PE=1 SV=1	567,3154	1426,162	1446,956	1073,827	863,0627	2280,551	584,4231	642,4801
E9QKK1	167	1	1154,159	0,490996	1,096542	Centromere-associated protein E OS=Mus musculus OX=10090 GN=Cenpe PE=1 SV=1	1151,907	1042,447	1191,905	1732,073	1358,63	1349,721	1541,232	1362,883
O54941	22	6	148,4371	0,491242	1,099698	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 OS=Mus musculus OX=10090 GN=Smarce1 PE=1 SV=1	1886,024	1573,5	2062,206	1758,591	1898,054	1585,484	1778,052	1358,703
Q8VBZ3	25	7	168,4582	0,491698	1,432881	Cleft lip and palate transmembrane protein 1 homolog OS=Mus musculus OX=10090 GN=Clptm1 PE=1 SV=1	6167,113	3293,031	2560,606	7195,663	8631,372	2868,727	8417,582	7617,154
Q91WK2	27	10	213,6615	0,492273	1,150211	Eukaryotic translation initiation factor 3 subunit H OS=Mus musculus OX=10090 GN=Eif3h PE=1 SV=1	9428,654	7489,508	6458,416	8914,286	10282,77	10358,74	8616,063	7883,724

Q9CQI7;A2CES4	15	4	97,0218	0,49257	12,79511	U2 small nuclear ribonucleoprotein B'' OS=Mus musculus OX=10090 GN=Snrpb2 PE=1 SV=1	960,8905	43689,32	770,5338	754,4713	656,6774	1987,987	664,7065	767,8539
Q6P3Y5	12	3	55,8343	0,492592	1,168718	Zinc finger protein 280C OS=Mus musculus OX=10090 GN=Znf280c PE=1 SV=1	3071,126	2823,196	2520,736	2765,555	4060,291	2649,214	2348,519	2244,253
Q9CQ71	9	4	66,9286	0,492672	1,123257	Replication protein A 14 kDa subunit OS=Mus musculus OX=10090 GN=Rpa3 PE=1 SV=1	1686,854	1617,064	1477,478	1938,108	1724,386	1821,465	1282,426	1263,073
Q3UJU9	18	3	107,4342	0,492942	1,161817	Regulator of microtubule dynamics protein 3 OS=Mus musculus OX=10090 GN=Rmdn3 PE=1 SV=2	1714,703	1668,978	1252,082	1746,618	681,3568	1636,338	1624,583	1551,167
Q61626	2	1	7,9156	0,493333	1,516967	Glutamate receptor ionotropic, kainate 5 OS=Mus musculus OX=10090 GN=Grik5 PE=2 SV=2	354,3976	13,02985	282,5345	348,3114	181,4124	44,04353	308,3206	445,1256
A0A571BG24;A0A5F8MPN3;D3YU22;D3Z589;Q3UH68	16	1	75,6865	0,493755	1,492467	LIM and calponin homology domains-containing protein 1 OS=Mus musculus OX=10090 GN=Limch1 PE=1 SV=1	41,57223	273,7586	109,8977	41,3544	78,93837	81,74838	218,4026	118,986
A0A338P6U4;D6RJ50;Q5XY4	3	1	11,6756	0,495077	2,367528	Presenilins-associated rhomboid-like protein, mitochondrial OS=Mus musculus OX=10090 GN=Parl PE=1 SV=1	166,7404	1641,878	926,7914	364,0543	97,42281	291,2775	613,5052	468,941
Q61990;A0A2R8VHG2;A0A2R8VHI3;A0A2R8VHL8;A0A2R8VHN3;A0A2R8VHP9;A0A2R8VHY9;A0A2R8VHZ0;A0A2R8VI12;A0A2R8VI15;A0A2R8VI25;A0A2R8VI71;A0A2R8VI73;A0A2R8VI92;A0A2R8VJY1;A0A2R8VKF0;A0A2R8VKN0;A0A2R8W6H3;A0A2R8W6L5;A0A2R8W6U6;B2M1R7;Q3TT81	36	11	231,0207	0,495409	1,203616	Poly(rC)-binding protein 2 OS=Mus musculus OX=10090 GN=Pcbp2 PE=1 SV=1	23529,26	18192,44	13745	26495,15	31442,14	17958,37	27245,65	22004,48
Q6PDQ2;E9QAS4;E9QAS5;F6WR45	105	21	702,085	0,495843	1,214081	Chromodomain-helicase-DNA-binding protein 4 OS=Mus musculus OX=10090 GN=Chd4 PE=1 SV=1	9251,486	5246,222	11487,12	6471,338	7823,669	9535,146	9818,703	8384,009
P21619;A0A0R4J0Q5	55	7	343,4697	0,496464	1,162195	Lamin-B2 OS=Mus musculus OX=10090 GN=Lmnb2 PE=1 SV=2	2910,378	2773,441	2419,623	3696,225	4046,205	3031,503	2643,782	2755,095
Q9CYN2;A0A140LHG8;A0A140LHR3;A0A140LJ01;A0A140LJG6	9	1	66,2013	0,49758	1,466175	Signal peptidase complex subunit 2 OS=Mus musculus OX=10090 GN=Spes2 PE=1 SV=1	1840,931	2946,346	1936,83	864,2696	1946,675	1755,158	1122,408	1218,735
Q9CS84;E0CY11	5	1	23,1699	0,497749	1,372	Neurexin-1 OS=Mus musculus OX=10090 GN=Nrxn1 PE=1 SV=3	1903,692	2515,916	818,2433	1287,243	1852,716	2076,182	1189,754	1223,37
O88342;A0A0J9YU05	37	14	219,8058	0,497851	1,153725	WD repeat-containing protein 1 OS=Mus musculus OX=10090 GN=Wdr1 PE=1 SV=3	9332,269	8257,256	6033,639	10595,04	11930,37	8689,137	8987,356	8208,498

P46735;D3YV80;Q7TQD7	62	1	345,2303	0,498693	1,47991	Unconventional myosin-Ib OS=Mus musculus OX=10090 GN=Myo1b PE=1 SV=3	511,8277	379,4477	533,1879	491,178	126,1442	575,6324	691,3214	374,4962
Q8VEJ4	15	2	80,0906	0,498748	1,276085	Notchless protein homolog 1 OS=Mus musculus OX=10090 GN=Nle1 PE=1 SV=4	325,2744	459,4632	388,1924	432,1548	114,6224	337,0966	384,3723	421,7287
E9Q2Z1;A0A5H1ZRM0	5	1	23,7801	0,498938	1,310102	Cat eye syndrome critical region protein 2 homolog OS=Mus musculus OX=10090 GN=Cecr2 PE=1 SV=1	158,6438	176,2315	260,7861	184,1261	0	222,1483	159,0666	223,8082
Q923D2;A0A0U1RPU7;E9P ZC3;E9PZC4	4	1	25,2615	0,498991	1,624315	Flavin reductase (NADPH) OS=Mus musculus OX=10090 GN=Blvrb PE=1 SV=3	556,2542	23,0653	1002,8	692,9861	713,5605	522,0436	866,7483	996,6957
Q08EC4;A0A0R4J199	12	4	60,8498	0,499885	2,83736	Cas scaffolding protein family member 4 OS=Mus musculus OX=10090 GN=Cass4 PE=1 SV=1	1130,798	2010,037	1468,374	1037,401	905,1801	8856,405	1175,809	1220,681
Q88967	42	1	267,5537	0,500335	1,753407	ATP-dependent zinc metalloprotease YME1L1 OS=Mus musculus OX=10090 GN=Yme1l1 PE=1 SV=1	110,34	144,0542	35,93242	67,99996	27,54674	20,28781	102,8665	98,33321
P12265;Q99KJ6	14	4	82,3149	0,501049	1,371373	Beta-glucuronidase OS=Mus musculus OX=10090 GN=Gusb PE=1 SV=2	286,6317	153,8873	348,2168	281,5612	115,2802	94,03292	254,4458	316,6976
E9Q740	50	2	361,376	0,502468	1,225145	Signal recognition particle subunit SRP72 OS=Mus musculus OX=10090 GN=Srp72 PE=1 SV=1	2723,571	1759,523	1833,502	2753,813	3308,701	1268,923	2413,161	2718,09
Q640L5	15	2	89,8325	0,502823	2,183898	Coiled-coil domain-containing protein 18 OS=Mus musculus OX=10090 GN=Ccdc18 PE=1 SV=1	2670,162	2304,653	7858,155	4744,408	15162,69	4422,6	2612,333	16189,58
Q924C1	59	15	352,6709	0,503833	1,071233	Exportin-5 OS=Mus musculus OX=10090 GN=Xpo5 PE=1 SV=1	1563,875	1669,704	1869,861	1583,595	1813,399	1569,397	1525,437	1660,252
A0A2I3BQA5	15	5	75,5363	0,504168	3,448224	Leucine-rich repeat and guanylate kinase domain-containing protein OS=Mus musculus OX=10090 GN=Lrguk PE=4 SV=1	297,8701	2475,522	713,1928	123,1138	278,7923	235,3357	451,3192	546,4733
Q8K284;A0A0U1RPD8	8	1	27,4648	0,504519	2,006067	General transcription factor 3C polypeptide 1 OS=Mus musculus OX=10090 GN=Gtf3c1 PE=1 SV=2	4651,383	4371,406	23441,6	5250,618	7083,039	6275,935	4577,669	4423,711
Q9R1P1	13	6	126,3174	0,505013	1,09451	Proteasome subunit beta type-3 OS=Mus musculus OX=10090 GN=Psm3 PE=1 SV=1	9548,822	9443,682	10907,8	11404,33	12477,8	10636,96	10220,75	8693,897
Q99LL5	16	2	101,8993	0,505037	1,325315	Periodic tryptophan protein 1 homolog OS=Mus musculus OX=10090 GN=Pwp1 PE=1 SV=1	671,5975	573,684	121,3134	749,556	533,1692	574,5815	791,0154	905,8008
Q9WV80;Q6NZD2	26	4	159,8572	0,505083	1,112228	Sorting nexin-1 OS=Mus musculus OX=10090 GN=Snx1 PE=1 SV=1	5184,572	4833,839	4126,866	5556,596	5716,782	4444,063	5662,339	4676,224
A2A9C3;V9GXW1	24	1	118,2243	0,505169	1,232768	KICSTOR complex protein SZT2 OS=Mus musculus OX=10090 GN=Szt2 PE=1 SV=1	1392,612	13,51186	1621,295	1019,899	1435,945	517,1931	1337,638	1240,878
P70168	78	33	407,8716	0,505318	1,256039	Importin subunit beta-1 OS=Mus musculus OX=10090 GN=Kpnb1 PE=1 SV=2	33477,53	21888,96	18244,45	42383,66	43838,45	17597,69	34249,07	34443,28
A0A5F8MPF0;Q60575	22	1	136,3448	0,505319	1,796392	Kinesin-like protein KIF1B OS=Mus musculus OX=10090 GN=Kif1b PE=1 SV=1	91,02795	121,3055	94,95732	0	58,27814	29,52345	88,98856	54,01071

Q88696	14	6	97,7719	0,50591	1,291683	ATP-dependent Clp protease proteolytic subunit, mitochondrial OS=Mus musculus OX=10090 GN=Clpp PE=1 SV=1	4925,684	3069,106	2555,336	4755,182	5183,828	1738,259	4847,519	5111,225
Q61083;G5E8L8	8	3	31,7927	0,506049	1,714823	Mitogen-activated protein kinase kinase 2 OS=Mus musculus OX=10090 GN=Map3k2 PE=1 SV=2	2413,569	395,3396	4544,609	2990,33	4973,225	348,8899	4982,007	4891,969
P70195	17	4	139,4191	0,506188	1,917521	Proteasome subunit beta type-7 OS=Mus musculus OX=10090 GN=Psm7 PE=1 SV=1	732,763	849,8862	598,9857	651,8729	707,7894	3207,038	596,2046	666,3133
Q91WK1	10	1	54,6773	0,507619	1,152373	SPRY domain-containing protein 4 OS=Mus musculus OX=10090 GN=Spryd4 PE=1 SV=1	6962,382	8583,299	8321,852	7162,305	7812,05	9387,094	5362,33	6350,682
A0A7N9VRC4	25	2	123,2166	0,507998	1,271211	Uncharacterized protein OS=Mus musculus OX=10090 GN=Eppk1 PE=3 SV=1	557,8781	188,3269	454,8315	459,906	467,9966	315,7764	555,9689	383,6154
Q8BXZ1	20	2	124,3894	0,508339	1,101994	Protein disulfide-isomerase TMX3 OS=Mus musculus OX=10090 GN=Tmx3 PE=1 SV=2	2829,407	1925,735	2426,262	2768,074	2915,691	2546,189	1994,095	2547,527
A0A494BB11	12	1	63,7984	0,508339	1,101994	Protein disulfide-isomerase TMX3 OS=Mus musculus OX=10090 GN=Tmx3 PE=1 SV=1	3486,719	2373,111	2989,918	3411,138	3593,049	3137,706	2457,352	3139,354
D3YWB8;D6RH86;E9PUN3;Q9Z1M4	2	1	9,5478	0,508687	1,339342	Non-specific serine/threonine protein kinase OS=Mus musculus OX=10090 GN=Rps6kb2 PE=1 SV=1	103,0429	236,6558	80,12291	97,17995	181,2924	235,8447	153,6057	87,02228
Q99LG2;E9PV58	23	2	157,8929	0,508946	1,053006	Transportin-2 OS=Mus musculus OX=10090 GN=Tpo2 PE=1 SV=1	1692,908	1720,287	1754,233	1823,4	1928,275	1897,618	1736,106	1625,167
A0A0A6YXQ1	1	1	5,3328	0,509042	1,506878	Angiotensin-converting enzyme 2 (Fragment) OS=Mus musculus OX=10090 GN=Angptl2 PE=1 SV=1	297,4348	175,7866	279,8882	168,4018	16,37776	150,2279	268,5974	202,2078
P97492	2	1	9,1757	0,509199	1,191922	Regulator of G-protein signaling 14 OS=Mus musculus OX=10090 GN=Rgs14 PE=1 SV=2	891,3674	1566,374	1022,184	1151,644	1897,067	1223,379	1166,577	1130,772
Q99J47;Z4YKT6	19	1	123,5159	0,509251	1,180395	Dehydrogenase/reductase SDR family member 7B OS=Mus musculus OX=10090 GN=Dhrs7b PE=1 SV=1	2421,99	2293,532	2196,504	2216,013	2185,175	857,4223	2401,192	2289,251
A0A5F8MPE1	56	1	353,0644	0,509291	1,260032	Band 4.1-like protein 3 OS=Mus musculus OX=10090 GN=Epb4113 PE=1 SV=1	2458,794	1998,268	1302,055	2841,973	1773,164	2088,442	1763,314	1201,17
Q99MD9;B1AU75;B1AU76	41	11	238,0596	0,510182	1,343704	Nuclear autoantigenic sperm protein OS=Mus musculus OX=10090 GN=Nasp PE=1 SV=2	2857,733	5577,53	3093,199	4461,354	4867,397	5794,708	3750,034	2163,452
P18242;A0A1B0GT66;F6Y6L6;F8WIR1	34	14	235,2833	0,510346	1,135151	Cathepsin D OS=Mus musculus OX=10090 GN=Ctsd PE=1 SV=1	14823,95	12794,46	11998,86	14513,78	17403,2	15414,18	11763,43	12008,28
O35435;D3ZYZ5;E9Q1V3;F6TCT7	17	4	106,8553	0,510486	1,15969	Dihydroorotate dehydrogenase (quinone), mitochondrial OS=Mus musculus OX=10090 GN=Dhodh PE=1 SV=2	1880,06	2280,94	1561,746	2148,095	2679,164	2124,66	1772,25	1686,298
P08003;A0A0R4J0Z1	79	36	452,7425	0,510491	1,157248	Protein disulfide-isomerase A4 OS=Mus musculus OX=10090 GN=Pdia4 PE=1 SV=3	25502,5	13029,44	19594,61	26289,3	28236,71	27815,46	20724,67	20219,44
P84078;D3YV25;E9Q2C2;P61205;Q8BSL7	29	12	208,5145	0,510883	1,085265	ADP-ribosylation factor 1 OS=Mus musculus OX=10090 GN=Arf1 PE=1 SV=2	43466	39775,57	40193,27	43008,49	46865,02	47365,52	40646,92	35279,14

A9Z1V5	5	1	20,5832	0,511959	1,79498	von Willebrand factor A domain-containing protein 5B1 OS=Mus musculus OX=10090 GN=Vwa5b1 PE=2 SV=1	158,5522	62,29671	41,10945	681,3657	12,24387	1,029939	277,7442	234,5166
P61458	7	2	40,2453	0,512256	1,089352	Pterin-4-alpha-carbinolamine dehydratase OS=Mus musculus OX=10090 GN=Pcbd1 PE=1 SV=2	2734,428	2565,266	3157,262	2422,455	2460,439	2501,051	2610,886	2788,275
Q692V3;A0A1W2P894;F8VPV8	4	1	19,0245	0,512415	1,481252	Tetratricopeptide repeat protein 41 OS=Mus musculus OX=10090 GN=Ttc41 PE=1 SV=1	450,8573	472,8152	245,1393	490,6729	272,3682	745,2663	600,999	839,4816
P06728	10	1	43,7267	0,512625	1,180582	Apolipoprotein A-IV OS=Mus musculus OX=10090 GN=Apoa4 PE=1 SV=3	881,1763	766,0586	746,1139	438,8411	646,7426	554,562	665,7603	669,9211
Q9QZD8	11	1	88,6905	0,512816	1,10082	Mitochondrial dicarboxylate carrier OS=Mus musculus OX=10090 GN=Sic25a10 PE=1 SV=2	4732,576	4835,664	5678,473	4427,89	4764,584	6288,848	4865,96	5738,809
P54071;A0A0U1RP68;A0A0U1RPR1;D6RIL6	42	14	297,8055	0,512821	1,127256	mitochondrial OS=Mus musculus OX=10090 GN=ldh2 PE=1 SV=3	6554,644	5800,237	4370,734	6276,457	5960,243	5479,129	4336,441	4629,546
Q06138	7	3	46,7316	0,513255	1,192009	Calcium-binding protein 39 OS=Mus musculus OX=10090 GN=Cab39 PE=1 SV=2	3796,222	5900,325	5752,22	5548,576	5080,355	5603,206	4626,278	4098,882
P20612;Q3V3I2	12	2	70,8066	0,513602	1,095389	Guanine nucleotide-binding protein G(t) subunit alpha-1 OS=Mus musculus OX=10090 GN=Gnat1 PE=1 SV=3	1459,819	1450,329	1556,395	1535,449	1673,288	1427,358	1123,718	1254,959
Q810A7	43	7	293,0368	0,513632	1,076639	ATP-dependent RNA helicase DDX42 OS=Mus musculus OX=10090 GN=Ddx42 PE=1 SV=3	3496,067	3146,11	3517,244	4522,729	4399,844	3646,799	3879,8	3880,926
Q96DY5	2	2	7,5152	0,513988	1,172809	RING finger protein 112 OS=Mus musculus OX=10090 GN=Rnf112 PE=1 SV=1	1375,935	895,0886	1014,378	819,8784	545,4249	903,4758	1116,312	985,7078
Q8CH25;A0A1L1STF9	23	2	114,0049	0,514137	1,184469	SAFB-like transcription modulator OS=Mus musculus OX=10090 GN=Sltm PE=1 SV=1	4424,411	7662,272	4698,1	4500,84	4882,751	3224,798	4375,101	5487,957
Q61011	12	2	46,7651	0,514187	1,23658	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3 OS=Mus musculus OX=10090 GN=Gnb3 PE=1 SV=2	20731,94	1827,727	21617,1	19666,45	19980,51	23703,1	14935,59	15710,17
B1AT92;Q60631	5	2	23,8251	0,514593	1,158863	Growth factor receptor-bound protein 2 OS=Mus musculus OX=10090 GN=Grb2 PE=1 SV=1	1219,006	1351,686	1501,476	1245,544	636,9269	1318,703	1290,805	1342,297
Q9Z2Q5;D3Z7C0	14	4	109,2066	0,514679	1,291451	39S ribosomal protein L40, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl40 PE=1 SV=2	1054,43	628,4517	555,6509	1053,672	479,2122	739,4918	807,4739	851,889
A0A1B0GSI7;P02463	3	1	12,9129	0,514733	1,238286	Collagen alpha-1(IV) chain OS=Mus musculus OX=10090 GN=Col4a1 PE=1 SV=1	7365,654	9390,52	266,3447	6391,994	4573,81	6431,713	6260,555	8607,803
Q8BIZ1;S4R286	12	2	57,863	0,514855	1,135531	Ankyrin repeat and sterile alpha motif domain-containing protein 1B OS=Mus musculus OX=10090 GN=Anks1b PE=1 SV=3	3656,58	3625,221	3292,475	4043,12	5451,138	4014,05	3586,369	3546,943
Q9QYB1	28	8	132,4272	0,515033	1,501601	Chloride intracellular channel protein 4 OS=Mus musculus OX=10090 GN=Clic4 PE=1 SV=3	5188,846	2349,207	28178,98	10288,01	13460,03	1914,038	15701,21	24731,84



P03975	123	70	478,0169	0,515341	1,178286	IgE-binding protein OS=Mus musculus OX=10090 GN=lap PE=2 SV=1	63425,69	50006,57	51546,57	84251,68	82136,1	63163,43	62518,3	54457,42
B1ARA3;B1ARA5;P61255	19	7	111,1825	0,515346	1,095595	60S ribosomal protein L26 (Fragment) OS=Mus musculus OX=10090 GN=Rpl26 PE=1 SV=1	7716,657	6775,017	7204,162	6852,168	8390,76	7706,956	6375,483	6284,031
Q99KP6	32	16	205,1336	0,515699	1,109369	Pre-mRNA-processing factor 19 OS=Mus musculus OX=10090 GN=Prpf19 PE=1 SV=1	30794,74	25701,97	23335,49	28876,03	27412,62	28619,88	22700,28	23803,24
Q8VEE4	14	1	96,1782	0,515879	1,294201	Replication protein A 70 kDa DNA-binding subunit OS=Mus musculus OX=10090 GN=Rpa1 PE=1 SV=1	4661,695	867,7643	10344,51	6450,778	5801,315	8160,058	3152,056	5928,6
Q9JKB3;A0A0A0MQD2;B2 RUF0	23	2	134,2139	0,515967	1,219584	Y-box-binding protein 3 OS=Mus musculus OX=10090 GN=Ybx3 PE=1 SV=2	4610,878	1448,39	5839,748	5483,562	5447,217	5512,053	4816,642	3891,612
F6QRE9	17	2	88,0075	0,516095	1,305531	Glutamate-rich 3 OS=Mus musculus OX=10090 GN=Erich3 PE=1 SV=3	1572,164	3181,384	66,24296	1859,854	2186,026	2878,113	2055,224	1545,384
P46638;E9Q3P9;F8WGS1; G3UY29;G3UZD3;G3UZL4; P62492	29	10	158,3305	0,5161	1,089642	Ras-related protein Rab-11B OS=Mus musculus OX=10090 GN=Rab11b PE=1 SV=3	9935,081	8654,521	10521,15	11185,11	10941,94	10421	8684,095	8950,009
F6SBR5;D3YU89;D3Z1U0;E 9QL53;P49025	4	1	18,1364	0,516134	1,228109	Citron Rho-interacting kinase OS=Mus musculus OX=10090 GN=Cit PE=1 SV=2	3487,236	3975,205	74,24952	2879,817	2117,578	4855,996	3370,466	2448,569
Q9CRA5;Q05BZ0	7	1	48,5175	0,516765	1,188397	Golgi phosphoprotein 3 OS=Mus musculus OX=10090 GN=Golph3 PE=1 SV=1	551,2345	510,689	499,2198	585,4854	423,6344	616,5987	503,9123	456,301
Q5SQX6;F6QD74	43	3	238,8367	0,517312	1,978956	Cytoplasmic FMR1-interacting protein 2 OS=Mus musculus OX=10090 GN=Cyfp2 PE=1 SV=2	35,54219	25,48154	228,0789	38,06748	19,86388	4,605519	109,5915	31,26365
A2CEK3	13	2	70,1213	0,517753	1,178582	Phosphoglucomutase-1 OS=Mus musculus OX=10090 GN=Pgm1 PE=1 SV=1	604,9142	589,3331	928,8239	607,5832	654,9583	732,2973	1129,947	701,0963
Q8CI94	56	13	349,803	0,517795	1,120369	Glycogen phosphorylase, brain form OS=Mus musculus OX=10090 GN=Pygb PE=1 SV=3	2232,093	2430,313	1995,393	2944,301	3066,172	2318,393	2335,765	2512,541
P0DP26;A0A3Q4EHJ0;G3U X57;P0DP27;P0DP28	38	9	189,6823	0,518155	1,183201	Calmodulin-1 OS=Mus musculus OX=10090 GN=Calm1 PE=1 SV=1	15398,23	15363,98	9664,289	16422,91	15924,77	14648,85	18053,8	18225,61
F6RLJ7;G3UY74;G3UZT9;Q 69ZS8	3	1	16,5633	0,518926	2,649197	Kazrin (Fragment) OS=Mus musculus OX=10090 GN=Kazn PE=1 SV=1	150,8407	144,4252	23,20697	441,2797	0	68,12745	707,4699	1237,137
A0A0R4J099;Q3UY34	2	1	15,4165	0,519451	1,307389	Protein CUSTOS OS=Mus musculus OX=10090 GN=2210016L21Rik PE=1 SV=1	221,4776	291,2438	483,3651	107,1614	165,3643	285,5487	370,2304	505,4946
Q3TMX0;A2AKJ6;A2AKJ9; H3BLG5;O08992	4	2	25,7544	0,519722	1,23955	Syntenin-1 OS=Mus musculus OX=10090 GN=Sdcbp PE=1 SV=1	323,6918	380,6209	476,1796	336,8114	268,7507	414,929	460,1774	545,7912
Q9Z1Z0;A0A0J9YUG0	47	13	312,7528	0,519863	1,221267	General vesicular transport factor p115 OS=Mus musculus OX=10090 GN=Uso1 PE=1 SV=2	4186,18	3442,086	5072,185	5125,933	5907,823	7797,55	3919,622	4145,787
Q8BL97;A0A3Q4EH04;A0A 3Q4L335;A0A3Q4L393	23	5	156,8661	0,519873	1,093734	Serine/arginine-rich splicing factor 7 OS=Mus musculus OX=10090 GN=Srsf7 PE=1 SV=1	39538,1	34027,5	32328,57	39386,66	34790,65	37888,93	30887,39	29263,11
Q8QZY9	8	2	73,0116	0,520019	1,630073	Splicing factor 3B subunit 4 OS=Mus musculus OX=10090 GN=Sf3b4 PE=1 SV=1	123,0584	314,994	148,3573	208,0884	158,8183	501,9697	129,5969	229,7207

G3UXC7	6	1	33,219	0,520049	1,268755	ADAMTS-like 3 OS=Mus musculus OX=10090 GN=Adamtsl3 PE=1 SV=1	1020,872	1500,763	2108,607	1023,493	1476,148	1563,261	1230,285	971,1174
P22907;A0A1L1ST19	14	3	91,9576	0,520847	1,499282	Porphobilinogen deaminase OS=Mus musculus OX=10090 GN=Hmbs PE=1 SV=2	981,0085	938,5046	559,167	1820,054	874,4379	2827,226	1157,765	1132,827
Q07417	30	8	208,6041	0,521134	1,166877	Short-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Acads PE=1 SV=2	2250,853	1825,188	2310,948	2632,42	1385,328	2560,522	1834,912	1948,766
Q99MS7;E9QP49;G5E8Y6	21	3	97,5527	0,521571	2,556822	EH domain-binding protein 1-like protein 1 OS=Mus musculus OX=10090 GN=Ehbp1l1 PE=1 SV=1	2867,014	21350,54	1900,633	7564,274	1807,909	1732,178	5285,308	4348,168
Q9DC04;I7HFV2	4	1	18,7037	0,521608	2,861113	Regulator of G-protein signaling 3 OS=Mus musculus OX=10090 GN=Rgs3 PE=1 SV=2	321,436	54,59158	14,1874	590,6068	79,25489	6,791692	169,8173	223,0249
Q9JKV1;A0A0A6YVU8	11	1	90,7098	0,522084	12,17792	Proteasomal ubiquitin receptor ADRM1 OS=Mus musculus OX=10090 GN=Adrm1 PE=1 SV=2	79,14073	290,9691	3592,198	46,26003	103,8955	1516,563	87,36196	75,72839
Q8BPM2;E9PX30;E9Q1T3	5	1	36,5703	0,522985	5,583228	Mitogen-activated protein kinase kinase kinase 5 OS=Mus musculus OX=10090 GN=Map4k5 PE=1 SV=2	187,0626	1377,836	20,27078	184,1296	153,282	265,8901	125,827	103,4639
Q8BY71;A2ATU9	17	5	99,4796	0,523029	1,218992	Histone acetyltransferase type B catalytic subunit OS=Mus musculus OX=10090 GN=Hat1 PE=1 SV=1	1167,264	1216,749	2576,314	1402,058	1677,09	2533,769	1751,385	1793,45
Q8CJ00	2	1	10,2842	0,523482	1,172964	NADPH oxidase activator 1 OS=Mus musculus OX=10090 GN=Noxa1 PE=1 SV=1	971,6961	1064,058	1001,838	674,1861	808,7759	707,4687	684,2042	963,994
Q9D0J4	2	1	10,9977	0,523743	1,436751	ADP-ribosylation factor-like protein 2 OS=Mus musculus OX=10090 GN=Arl2 PE=1 SV=1	920,8868	1252,906	844,0371	1145,625	182,5573	1251,283	1065,212	1110,616
Q64378;A0A3B2WBD2	21	2	116,6309	0,524197	1,406637	Peptidyl-prolyl cis-trans isomerase FKBP5 OS=Mus musculus OX=10090 GN=Fkbp5 PE=1 SV=1	1435,816	1164,353	926,6552	1135,526	1086,03	3113,797	1156,636	1201,77
Q9D3D0	3	1	12,4972	0,524295	5,95665	Alpha-tocopherol transfer protein-like OS=Mus musculus OX=10090 GN=Ttpal PE=1 SV=3	34,74283	34,71739	61,82882	50,2103	36,27816	46,31787	53,23428	50,72536
P63328;E9Q6P2	16	4	88,0384	0,524852	1,217704	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform OS=Mus musculus OX=10090 GN=Ppp3ca PE=1 SV=1	963,5564	403,1627	1605,805	1333,134	1624,621	1468,973	1000,172	1149,251
O54916;D3Z2E3;E9Q632;F6R6F1;F6YT69	9	1	48,6406	0,524888	10,13001	RalBP1-associated Eps domain-containing protein 1 OS=Mus musculus OX=10090 GN=Reps1 PE=1 SV=2	18,27047	1461,792	77,72692	2,264826	34,12565	318,7253	78,10753	53,99347
Q8C2E7	8	2	51,6228	0,525039	1,093519	WASH complex subunit 5 OS=Mus musculus OX=10090 GN=Washc5 PE=1 SV=2	3157,414	2866,637	2712,639	3247,563	3451,284	2564,666	2846,293	2502,639
B1AUY3;B1AUX5;B1AUY2;E9PYS6;Q3TE27;Q80Z68	10	1	63,5113	0,52537	1,257328	Rho GTPase-activating protein 4 OS=Mus musculus OX=10090 GN=Arhgap4 PE=1 SV=1	287,5161	710,4904	351,6226	401,8215	463,4418	357,4153	235,5241	525,558
Q91YP2	33	1	218,5938	0,52552	1,225844	Neurolysin, mitochondrial OS=Mus musculus OX=10090 GN=Nln PE=1 SV=1	221,5543	208,0932	246,2055	129,4197	162,4627	184,4119	246,0127	240,9361

Q3UCQ1	3	1	9,0219	0,525576	2,85858	Forkhead box protein K2 OS=Mus musculus OX=10090 GN=Foxk2 PE=1 SV=3	1170,167	1751,753	242,7035	130,6594	319,7964	134,9717	157,7331	540,2684
Q9EP69;A0A5F8MPK9	26	8	175,3728	0,526756	1,080284	Phosphatidylinositol-3-phosphatase SAC1 OS=Mus musculus OX=10090 GN=Sacm1l PE=1 SV=1	6403,423	5682,036	5451,175	7236,855	7011,836	6723,5	7015,633	6011,437
Q03517;Q4W8U9	53	17	329,0526	0,526818	1,216489	Secretogranin-2 OS=Mus musculus OX=10090 GN=Scg2 PE=1 SV=1	21565,6	9626,077	14332,98	23308,12	24049,74	13892,5	17270,22	16499,51
Q6NV72;A0A1W2P880;A0 A1Y7VJP4	8	1	41,3936	0,52684	1,407843	WD repeat and coiled-coil-containing protein OS=Mus musculus OX=10090 GN=Wdcp PE=2 SV=2	1619,944	1519,055	1507,238	884,0302	144,9939	904,3636	1411,488	1467,34
P62823;A0A286YDR2;Q9C XS2	21	5	142,7973	0,527328	1,152941	Ras-related protein Rab-3C OS=Mus musculus OX=10090 GN=Rab3c PE=1 SV=1	6886,146	7084,103	6612,814	8001,392	7528,258	7709,536	5971,766	4295,049
Q925E7;F6RV17	13	2	89,3101	0,527465	1,626319	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta isoform OS=Mus musculus OX=10090 GN=Ppp2r2d PE=1 SV=1	1348,387	1653,769	1833,474	5130,668	8046,797	1654,754	2063,989	4442,836
Q68FG2;A0A5F8MPPM8	58	4	314,6247	0,527532	1,191621	Spectrin beta chain OS=Mus musculus OX=10090 GN=Sptbn2 PE=1 SV=1	1157,248	2337,373	766,9716	1509,909	1847,976	1442,847	1765,435	1612,418
P45481;A0A0U1RPL2;A0A OU1RQB6;F8VPR5	4	1	23,1337	0,527668	1,293308	Histone lysine acetyltransferase CREBBP OS=Mus musculus OX=10090 GN=Crebbp PE=1 SV=3	10509,71	9135,817	2099,856	11318,78	11651,89	4982,82	9888,073	8253,397
P51174;A0A0R4J083	12	1	78,4544	0,527908	1,344012	Long-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Acadl PE=1 SV=2	4623,051	4580,287	1755,103	3323,468	4007,658	3150,361	3572,185	1492,158
P15864	45	1	192,588	0,527934	1,553454	Histone H1.2 OS=Mus musculus OX=10090 GN=H1-2 PE=1 SV=2	217,963	355,9612	33,25693	71,44961	216,2296	142,1755	136,859	56,28445
P67984	17	7	114,9543	0,528812	1,095738	60S ribosomal protein L22 OS=Mus musculus OX=10090 GN=Rpl22 PE=1 SV=2	31109,82	30179,99	30649,4	32348,61	36750,67	35093,07	29179,64	25608,2
P03991;P14428	20	2	125,4276	0,529317	1,052192	H-2 class I histocompatibility antigen, K-W28 alpha chain OS=Mus musculus OX=10090 GN=H2-K1 PE=1 SV=2	2596,785	2490,319	2483,205	2203,353	2083,281	2449,574	2275,739	2480,261
Q8BMS4	8	1	60,1859	0,529843	1,282214	Ubiquinone biosynthesis O-methyltransferase, mitochondrial OS=Mus musculus OX=10090 GN=Coq3 PE=1 SV=1	626,8712	611,5618	979,0771	874,2134	1181,68	741,6753	679,5849	1361,312
Q7TINV0;D3YVJ6;E9Q8Y1	18	4	120,0151	0,530265	1,272901	Protein DEK OS=Mus musculus OX=10090 GN=Dek PE=1 SV=1	2428,989	1383,112	1120,36	3179,858	3311,722	1172,015	3369,108	2473,336
Q9DBG7;F6VF36	44	14	311,5798	0,530448	1,065004	Signal recognition particle receptor subunit alpha OS=Mus musculus OX=10090 GN=Srpra PE=1 SV=1	15302,82	13793,91	16371,07	14944,12	15417,68	15308,29	12909,04	14804,75
P08103;F6UND7	11	1	61,1712	0,530841	1,293897	Tyrosine-protein kinase HCK OS=Mus musculus OX=10090 GN=Hck PE=1 SV=4	544,5127	796,9595	742,6696	299,0462	403,0078	509,8439	389,5729	855,5406
Q8BGQ7	77	27	534,9106	0,530854	1,128835	Alanine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Aars1 PE=1 SV=1	19248,4	16795,33	19160,83	21615,59	25770,69	15709,07	22760,3	19567,51

Q60847;E9PX70	11	1	45,3902	0,530936	1,496104	Collagen alpha-1(XII) chain OS=Mus musculus OX=10090 GN=Col12a1 PE=2 SV=3	271,2005	308,0114	387,2449	177,5153	143,531	126,9538	222,423	271,7264
F8VQC1	49	1	351,2086	0,531192	1,491606	Signal recognition particle subunit SRP72 OS=Mus musculus OX=10090 GN=Srp72 PE=1 SV=1	427,7417	890,0355	223,1246	586,0896	525,4438	96,27834	388,2526	415,9996
P54726;Q3TN85;Q8CAP3	2	1	9,8588	0,531944	1,658418	UV excision repair protein RAD23 homolog A OS=Mus musculus OX=10090 GN=Rad23a PE=1 SV=2	237,4903	507,1349	269,8289	296,816	38,44318	297,477	367,1109	401,4093
Q01320;A0A494BBH0	153	40	1086,493	0,532182	1,141096	DNA topoisomerase 2-alpha OS=Mus musculus OX=10090 GN=Top2a PE=1 SV=2	31294,53	34328,65	22362,73	34771,83	34238,54	26158,88	26542,52	24700,79
P16332	28	4	175,9988	0,532984	1,101627	Methylmalonyl-CoA mutase, mitochondrial OS=Mus musculus OX=10090 GN=Mmut PE=1 SV=2	14610,34	12691,01	11885,82	14242,84	14893,28	13640,61	11156,32	10630,67
Q78IK4;B1AV14	14	1	102,9816	0,532997	1,135934	MICOS complex subunit Mic27 OS=Mus musculus OX=10090 GN=Apool PE=1 SV=1	334,9559	407,843	403,9684	280,6285	474,7747	416,4714	335,5281	394,6531
Q4KMM3;A0A2R8VHT3	9	1	42,9816	0,53345	1,247859	Oxidation resistance protein 1 OS=Mus musculus OX=10090 GN=Oxr1 PE=1 SV=3	1944,383	1010,057	1633,885	1995,328	1945,223	1191,108	2784,948	2294,192
A0A1L1SQA8;P62852	21	9	100,5704	0,533746	1,096224	40S ribosomal protein S25 OS=Mus musculus OX=10090 GN=Rps25 PE=1 SV=1	3414,275	3111,321	4644,55	3770,544	3392,628	3835,75	3698,725	3859,526
Q3U487	6	3	34,7711	0,534016	1,199373	E3 ubiquitin-protein ligase HECTD3 OS=Mus musculus OX=10090 GN=Hectd3 PE=1 SV=2	669,1497	983,6137	590,0924	803,9864	727,8056	685,94	543,4022	583,2145
Q8C4J7;F6YAR3	39	8	254,4412	0,534922	1,36621	Transducin beta-like protein 3 OS=Mus musculus OX=10090 GN=Tb13 PE=2 SV=1	4712,356	4258,384	4108,28	5343,778	4463,349	9874,356	3784,42	3823,606
Q9ER00	18	5	112,4776	0,535587	1,081886	Syntaxin-12 OS=Mus musculus OX=10090 GN=Stx12 PE=1 SV=1	2135,311	2139,523	1770,833	1719,443	1987,639	2101,678	1634,505	1835
Q9DBE8;F6RBY3	29	4	218,8434	0,535928	1,191735	Alpha-1,3/1,6-mannosyltransferase ALG2 OS=Mus musculus OX=10090 GN=Alg2 PE=1 SV=2	1067,233	698,1183	701,6274	928,7623	699,6124	461,0852	904,6441	784,0681
E9PZ84;Q3TV33;Q3V0B6; Q8C1F5	9	2	49,4864	0,536731	1,331518	Tetratricopeptide repeat protein 16 OS=Mus musculus OX=10090 GN=Ttc16 PE=4 SV=1	5823,42	4075,801	8710,471	6586,499	12010,85	5714,392	5550,983	5950,945
Q99M28	12	5	79,3886	0,536907	1,125316	RNA-binding protein with serine-rich domain 1 OS=Mus musculus OX=10090 GN=Rnps1 PE=1 SV=1	1777,692	1666,047	872,886	1838,978	1617,051	1969,467	1704,488	1620,821
P62315	8	5	45,0325	0,537416	1,182885	Small nuclear ribonucleoprotein Sm D1 OS=Mus musculus OX=10090 GN=Snrpd1 PE=1 SV=1	15407,73	13391,92	10791,98	19605,82	15001,93	14848,51	12553,21	11664,8
P99029;A0A494BAZ4;G3U ZJ4;H3BJQ7	14	8	130,9159	0,537542	1,10342	Peroxisome oxidin-5, mitochondrial OS=Mus musculus OX=10090 GN=Prdx5 PE=1 SV=2	3860,201	3312,012	3473,041	3744,888	3789,394	2399,112	3398,406	3454,494
P42567;A0A0R4J0A0;F6W 2Q5;H3BK65;Q5JC28	28	2	154,9073	0,537739	1,38163	Epidermal growth factor receptor substrate 15 OS=Mus musculus OX=10090 GN=Eps15 PE=1 SV=1	382,2942	369,1981	269,2963	401,2778	396,263	886,1289	367,0584	286,8834
Q35071;E9Q9B0;Q3V3Y9	7	1	38,1347	0,538618	1,343442	Kinesin-like protein KIF1C OS=Mus musculus OX=10090 GN=Kif1c PE=1 SV=2	295,1313	505,2946	640,2354	57,14341	632,9201	269,5603	309,4636	668,1765

P56960;Q8K366	31	4	196,4836	0,538707	1,161692	Exosome component 10 OS=Mus musculus OX=10090 GN=Exosc10 PE=1 SV=2	13492,05	13100,19	6456,388	12340,77	10560,24	15776,71	11400,14	11034,3
Q6PDM2;F6QXN3;F7AI47; H7BX95	38	18	217,2183	0,538766	1,181657	Serine/arginine-rich splicing factor 1 OS=Mus musculus OX=10090 GN=Srsf1 PE=1 SV=3	14244,73	8453,571	9771,243	16491,16	16070,32	15104,7	11483,47	14044,87
P61407;A0A3B2W3Z0;E9P Z50;F2Z429	25	2	140,6818	0,538879	1,183951	Tudor domain-containing protein 6 OS=Mus musculus OX=10090 GN=Tdrd6 PE=1 SV=1	645,8297	729,4108	1288,421	728,788	865,4735	1255,753	798,7389	1096,527
P60710;A2AD93;B1ATY1;E 9Q1F2;E9Q2D1;E9Q5F4;E9 Q606;F6WX90;F8WGM8;G 3UYG0;G3UZ07;P63260	240	39	787,0348	0,538821	1,149083	Actin, cytoplasmic 1 OS=Mus musculus OX=10090 GN=Actb PE=1 SV=1	254621,6	124487,4	243864,4	275670,7	256489,4	275418,5	220880,4	227752,2
P63037;B1AXX9;B1AXY0;B 1AXY1	29	11	209,9031	0,538893	1,126999	DnaJ homolog subfamily A member 1 OS=Mus musculus OX=10090 GN=Dnaja1 PE=1 SV=1	9210,734	7260,208	7912,78	10101,04	10785,32	9027,158	9337,026	8196,08
Q9DCA5	11	2	78,8164	0,538951	1,084017	Ribosome biogenesis protein BRX1 homolog OS=Mus musculus OX=10090 GN=Brix1 PE=1 SV=3	4577,843	4044,786	4632,896	4894,566	5414,31	4574,758	3945,639	4451,448
A2A8L5	19	1	81,4261	0,538959	1,214163	Receptor-type tyrosine-protein phosphatase F OS=Mus musculus OX=10090 GN=Ptpfr PE=1 SV=1	464,3587	405,1106	347,2266	588,9939	386,654	226,8378	519,8353	353,8615
A2ACQ1	1	1	4,9099	0,53996	1,649326	RNA helicase OS=Mus musculus OX=10090 GN=Dhx35 PE=1 SV=1	146,5252	164,5234	150,9272	98,03727	20,27811	144,7682	82,25693	92,23734
A0A0R4J140;Z4YLI8	11	2	67,3968	0,540317	1,123285	Clustered mitochondria protein homolog OS=Mus musculus OX=10090 GN=Cluh PE=1 SV=1	11176,03	7122,094	8030,551	7941,664	8424,777	10584,14	11376,44	8109,991
Q91YS4;D3YXZ3;O88448	5	2	27,1342	0,540443	1,428665	Kinesin light chain OS=Mus musculus OX=10090 GN=Klc2 PE=1 SV=1	21503,3	21347,09	43623,12	35119,63	50377,54	10067,03	38564,42	53053,87
P35922;D3Z6U8;E9QATO;E 9QNF5;Q6AXB7	35	1	211,5971	0,540471	3,27968	Synaptic functional regulator FMR1 OS=Mus musculus OX=10090 GN=Fmr1 PE=1 SV=1	7,009661	4,684824	35,33055	26,52341	164,3741	39,70895	10,20269	26,92959
Q6A0A9	24	5	141,0876	0,540703	1,201349	Constitutive coactivator of PPAR-gamma-like protein 1 OS=Mus musculus OX=10090 GN=FAM120A PE=1 SV=2	1120,383	1352,783	1262,772	1365,149	1572,592	2173,056	1231,518	1151,018
Q3TLP8;A0A2R8VHH0;P63 001	16	6	100,9633	0,540795	1,07108	Ras-related C3 botulinum toxin substrate 1 OS=Mus musculus OX=10090 GN=Rac1 PE=1 SV=1	6893,84	5626,606	6604,428	6948,672	5461,11	7137,795	7271,253	6405,429
P57787;B1ATM1;B1ATM2 Q9D379;D3Z4M3;E9PWK1 ;F6YTS6	16	4	98,6264	0,540858	1,19182	Monocarboxylate transporter 4 OS=Mus musculus OX=10090 GN=Slc16a3 PE=1 SV=1	6404,069	3068,82	4761,982	7152,603	5932,029	5076,892	4368,535	4401,682
Q3U422	25	5	128,2725	0,54088	1,129361	Epoxide hydrolase 1 OS=Mus musculus OX=10090 GN=Ephx1 PE=1 SV=2	10437,91	6667,399	8913,16	9814,87	12501,35	9461,161	9624,618	8881,643
Q3TKT4;A0A0R4J170	14	1	85,3824	0,541187	1,134431	Complex I-9kD OS=Mus musculus OX=10090 GN=Ndufv3 PE=1 SV=1	2022,4	1891,427	1439,911	1956,698	1884,36	2121,138	1404,325	1595,029
	66	4	411,5654	0,541681	1,134848	Transcription activator BRG1 OS=Mus musculus OX=10090 GN=Smarca4 PE=1 SV=1	10989,97	9867,029	10149,55	12093,9	13360,82	12722,83	10070,73	8555,899

O89086;Q8BG13;S4R2M6	18	8	87,7117	0,541736	1,256911	RNA-binding protein 3 OS=Mus musculus OX=10090 GN=Rbm3 PE=1 SV=1	8091,772	8641,949	2349,384	8789,84	6803,195	9457,192	8584,508	7206,57
P58404	3	1	19,2586	0,542519	1,631725	Striatin-4 OS=Mus musculus OX=10090 GN=Strn4 PE=1 SV=2	64,58667	118,1036	246,8117	84,98904	28,68466	243,5636	132,2951	182,6303
Q6ZQH8;A2AWI5;F2Z4A7; F7BCN9;J3JSA4	20	3	103,9898	0,542711	1,203218	Nucleoporin NUP188 OS=Mus musculus OX=10090 GN=Nup188 PE=1 SV=2	1192,239	640,4533	846,2225	1209,305	866,6395	750,9446	727,7495	899,6071
Q6NZR5	4	1	20,8966	0,542953	1,149615	Superkiller viralicidic activity 2-like (S. cerevisiae) OS=Mus musculus OX=10090 GN=Skiv2l PE=1 SV=1	1180,865	1091,757	1078,244	1455,332	1679,968	977,239	1493,828	1273,823
P32233	21	2	140,0389	0,543668	1,443117	Developmentally-regulated GTP-binding protein 1 OS=Mus musculus OX=10090 GN=Drg1 PE=1 SV=1	1932,782	2012,432	2618,123	1826,753	1742,71	316,5608	2517,068	2356,554
Q9DB77;A0A140LI98	30	12	244,9499	0,54432	1,168205	Cytochrome b-c1 complex subunit 2, mitochondrial OS=Mus musculus OX=10090 GN=Uqcrc2 PE=1 SV=1	47954,77	35358,75	36818,14	52121,14	49650,62	37998,92	34126,33	25675
Q5QNQ6	3	1	19,7987	0,545165	1,20106	Oxysterol-binding protein 2 OS=Mus musculus OX=10090 GN=Osbp2 PE=1 SV=1	751,4088	932,7505	947,3738	561,8461	699,6486	648,0651	755,7275	861,5042
Q8BH58	11	1	65,1551	0,5452	1,30936	TIP41-like protein OS=Mus musculus OX=10090 GN=Tipr1 PE=1 SV=1	1856,114	1107,283	2774,489	2302,768	1838,774	2551,421	2856,813	3281,099
P16125;A0A0N4SVV8;A0A 6I8MX27;D3Z7F0	18	3	101,0042	0,54557	1,080758	L-lactate dehydrogenase B chain OS=Mus musculus OX=10090 GN=Ldhd PE=1 SV=2	964,2107	936,5573	929,6172	780,2391	829,9895	844,7196	974,2673	916,9057
Q9DBC7;A2AI69;D3Z4L4	36	7	236,0443	0,545884	1,088376	cAMP-dependent protein kinase type I-alpha regulatory subunit OS=Mus musculus OX=10090 GN=Prkar1a PE=1 SV=3	6155,359	6031,544	7662,907	6541,208	7549,601	5941,512	6180,009	5569,618
P48036;A0A0G2JGQ0	25	5	223,0773	0,545986	1,144217	Annexin A5 OS=Mus musculus OX=10090 GN=Anxa5 PE=1 SV=1	3574,628	2572,168	3280,174	3843,735	4661,706	2788,208	3330,748	3300,94
Q62507	3	1	13,9623	0,545986	1,211707	Cochlin OS=Mus musculus OX=10090 GN=Coch PE=1 SV=2	10231,62	8106,976	8266,885	10009,95	15629,82	9864,933	8067,002	8311,068
A0A3B2W433;A0A5H1ZRL 0;Q8C0X0	3	1	20,9992	0,54621	1,598683	Lebercilin-like protein OS=Mus musculus OX=10090 GN=Lca5l PE=3 SV=1	3904,462	13759,34	5575,415	4692,477	5520,162	11050,26	3912,012	3835,978
Q61701;A0A1L1SUG6;A2A 9R4;A2A9R5	40	7	299,1472	0,546228	1,094058	ELAV-like protein 4 OS=Mus musculus OX=10090 GN=Elavl4 PE=1 SV=1	9038,656	9603,99	9085,139	9509,73	10383,16	9823,703	7341,713	7290,948
Q9CU62	110	28	698,4847	0,546454	1,146362	Structural maintenance of chromosomes protein 1A OS=Mus musculus OX=10090 GN=Smc1a PE=1 SV=4	5197,393	6913,619	5318,22	6249,708	8005,075	5155,442	4835,77	6251,254
O35129;F6Q8V7;F6QPR1	63	30	375,941	0,546617	1,093034	Prohibitin-2 OS=Mus musculus OX=10090 GN=Phb2 PE=1 SV=1	41153,54	35022,63	34299,86	40577,2	38439,63	37228,22	30588,32	31940,1
Q3UDE2;F2Z423	38	7	270,6074	0,546641	1,086205	Tubulin--tyrosine ligase-like protein 12 OS=Mus musculus OX=10090 GN=Ttl12 PE=1 SV=1	7779,892	8014,809	9205,287	8590,544	10464,97	8582,68	7621,269	7694,439
P51881	94	25	419,9603	0,546848	1,124053	ADP/ATP translocase 2 OS=Mus musculus OX=10090 GN=Slc25a5 PE=1 SV=3	19260,79	10015,47	13281,77	16071,88	18094,21	16232,84	14998,88	15567,88
Q9Z2V5;A0A1B0GX25;B1A UA8	6	1	28,4728	0,546862	91,89468	Histone deacetylase 6 OS=Mus musculus OX=10090 GN=Hdac6 PE=1 SV=3	0,108614	90,37279	1145,606	0,64882	7,427775	5,388939	5,774932	7,479645

E0CXA9;E0CYJ0;G8JL35;Q6PEB6	3	1	16,3619	0,548415	2,966323	MOB-like protein phocein OS=Mus musculus OX=10090 GN=Mob4 PE=1 SV=1	129,4762	1401,805	135,7687	146,0134	62,16303	98,31961	257,6843	193,049
Q8JZ50;Q3TUM0	6	1	20,3939	0,548497	1,254235	Protein lin-7 homolog A OS=Mus musculus OX=10090 GN=Lin7a PE=1 SV=2	540,354	545,6768	776,0335	687,6801	168,215	570,7143	471,1137	822,8646
Q9Z2X1;J3QM80;J3QMT0;J3QP45	65	18	280,703	0,549045	1,119383	Heterogeneous nuclear ribonucleoprotein F OS=Mus musculus OX=10090 GN=Hnrnpf PE=1 SV=3	28028,82	16043,1	22382,95	29035,6	26876,16	25303,07	22564,21	23292,12
Q9D1H8	5	1	34,3778	0,54911	1,12721	39S ribosomal protein L53, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl53 PE=1 SV=1	1827,658	1869,05	1318,17	1375,351	1849,694	1841,045	1621,27	1300,314
Q8VBW6;E0CZEO	13	2	63,2784	0,549608	1,530658	NEDD8-activating enzyme E1 regulatory subunit OS=Mus musculus OX=10090 GN=Nae1 PE=1 SV=1	393,4603	806,9901	1312,588	332,7381	551,285	457,6951	434,0315	416,1732
Q9QY15	9	1	43,48	0,54979	1,152241	ATP-dependent RNA helicase DDX25 OS=Mus musculus OX=10090 GN=Ddx25 PE=1 SV=2	520,192	347,9992	346,104	589,8376	372,8162	354,0487	615,0889	516,2996
P43275	40	12	142,1665	0,549835	1,069286	Histone H1.1 OS=Mus musculus OX=10090 GN=H1-1 PE=1 SV=2	107745,4	99750,54	90374,75	101982,5	110852	124012,2	93821,58	96324,09
Q149S1;A0A3Q4EGQ7;A0A3Q4EH78	5	1	23,4376	0,550053	1,451585	Tektin-4 OS=Mus musculus OX=10090 GN=Tekt4 PE=1 SV=2	229,6682	310,4922	337,7786	178,0073	93,30462	31,99816	498,0827	234,4838
Q571I4	10	1	54,7965	0,550486	1,157212	Inactive tyrosine-protein kinase PRAG1 OS=Mus musculus OX=10090 GN=Prag1 PE=1 SV=3	6555,677	3749,041	4288,049	5404,56	5739,007	7067,674	5620,272	4714,197
P63280;G3UYPO;Q8CFZO	11	3	56,4433	0,550603	1,586731	SUMO-conjugating enzyme UBC9 OS=Mus musculus OX=10090 GN=Ube2i PE=1 SV=1	71,87938	82,70215	248,4862	107,3254	38,04548	80,1322	126,5779	142,7845
Q8CGY8	32	7	160,178	0,550621	1,103572	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit OS=Mus musculus OX=10090 GN=Ogt PE=1 SV=2	908,9663	1211,195	1268,525	855,4372	1323,542	937,7341	1041,284	988,4853
Q8K310;A0A494B8Y5;A0A494B968;A0A494B9B1;A0A494B9C9;A0A494B9Q4;A0A494B9X1;A0A494BAC5;A0A494BAD4;A0A494BAL7;A0A494BAZ2;A0A494BAZ7;A0A494BB50	76	35	519,8942	0,551091	1,093771	Matrin-3 OS=Mus musculus OX=10090 GN=Matr3 PE=1 SV=1	26650,94	23142,4	21006,97	27733,97	25044,91	25172,07	20103,09	21616,71
O35085	13	3	77,6445	0,551404	1,171152	Homeobox protein ARX OS=Mus musculus OX=10090 GN=Arx PE=1 SV=3	2275,916	1129,412	2999,407	2562,069	2939,669	2860,304	2446,62	2254,899
P15620	3	1	14,7957	0,551414	3,054475	Zinc finger protein 271 OS=Mus musculus OX=10090 GN=Znf271 PE=2 SV=1	25,80189	299,3558	0	156,3435	306,9276	357,9006	31,2613	62,90056
Q921I9	7	2	39,7558	0,551653	1,343654	Exosome complex component RRP41 OS=Mus musculus OX=10090 GN=Exosc4 PE=1 SV=3	455,5898	452,9754	263,4487	423,0432	115,9679	481,5041	355,3668	366,0106
Q5SNZ0;F6R1B7;Z4YLN8;Z4YLP6	55	4	300,5212	0,551894	1,070417	Girdin OS=Mus musculus OX=10090 GN=Ccdc88a PE=1 SV=2	15614,37	14202,13	14570,77	13974,61	14774,02	16735,57	13942,17	14332,74

P28663;D6RHL2	33	5	215,0024	0,552964	1,077621	Beta-soluble NSF attachment protein OS=Mus musculus OX=10090 GN=Napb PE=1 SV=2 Dynammin-like 120 kDa protein, mitochondrial	1627,864	1950,782	2017,99	1779,716	2026,631	2168,478	1812,439	1801,542
P58281;E0CXD1;F6U775;H7BX01	52	5	314,0929	0,553252	1,056215	OS=Mus musculus OX=10090 GN=Opa1 PE=1 SV=1	1486,926	1482,615	1650,62	1374,887	1678,687	1435,38	1513,396	1420,929
Q8VE97;Q542V3	27	4	165,6055	0,553524	1,257277	Serine/arginine-rich splicing factor 4 OS=Mus musculus OX=10090 GN=Srsf4 PE=2 SV=1	3503,813	2934,351	1352,23	5318,855	4560,134	1619,026	3878,937	3960,11
P06800;S4R1M0	4	1	16,9234	0,554479	1,546098	Receptor-type tyrosine-protein phosphatase C OS=Mus musculus OX=10090 GN=Ptprc PE=1 SV=4	4542,356	2005,539	9311,627	2193,261	6048,093	3534,417	3690,848	11131,83
Q62093	22	6	124,2042	0,554498	1,130347	Serine/arginine-rich splicing factor 2 OS=Mus musculus OX=10090 GN=Srsf2 PE=1 SV=4	3993,491	1774,233	4234,715	3826,381	4047,517	3767,834	4167,947	3648,067
Q9WTX5;E9PUV4	19	4	110,5074	0,554593	1,217977	S-phase kinase-associated protein 1 OS=Mus musculus OX=10090 GN=Skp1 PE=1 SV=3	709,6938	782,2428	849,0854	674,3637	745,2909	385,2668	715,2347	629,941
P80316;E0CZA1	78	26	636,9851	0,555179	1,097742	T-complex protein 1 subunit epsilon OS=Mus musculus OX=10090 GN=Cct5 PE=1 SV=1	37254,34	28453,26	32590,29	42908,58	46476,23	36084,4	37897,85	34549,83
P62267 Q8VDJ3;A0A087WP83;A0A087WPC5;A0A087WQY9;A0A087WS92	10 82	6 22	46,4859 572,4747	0,555235 0,555284	1,221199 1,136307	40S ribosomal protein S23 OS=Mus musculus OX=10090 GN=Rps23 PE=1 SV=3 Vigilin OS=Mus musculus OX=10090 GN=Hdlbp PE=1 SV=1	3190,738 5315,002	1717,547 4394,262	2700,767 6118,405	3150,247 5496,018	4255,6 7568,885	2029,128 5505,238	3374,202 5834,448	3480,316 4677,826
Q9Z2I9	25	4	137,4191	0,555368	1,062559	Succinate--CoA ligase [ADP-forming] subunit beta, mitochondrial OS=Mus musculus OX=10090 GN=Sucla2 PE=1 SV=2	2311,787	2067,742	2047,492	2364,647	2371,717	2071,933	1890,451	1939,952
Q9WV34	8	2	36,638	0,555686	1,068437	MAGUK p55 subfamily member 2 OS=Mus musculus OX=10090 GN=Mpp2 PE=1 SV=1	2627,231	2546,419	3091,513	2915,881	2975,2	2986,487	2674,201	3310,355
Q9DBY8	60	12	354,8566	0,556292	1,102001	Nuclear valosin-containing protein-like OS=Mus musculus OX=10090 GN=Nvl PE=1 SV=1	2066,131	2407,498	2141,657	1759,832	1525,471	2525,097	1946,041	1789,731
Q80X81	10	1	59,8382	0,556388	1,232594	Acetyl-Coenzyme A acetyltransferase 3 OS=Mus musculus OX=10090 GN=Acat3 PE=1 SV=1	2048,887	2251,24	1927,173	2187,133	2222,765	4124,973	2206,902	1816,939
A0A0G2JEX5	3	1	13,0202	0,556995	1,574114	RIKEN cDNA 4930579F01 gene OS=Mus musculus OX=10090 GN=4930579F01Rik PE=4 SV=1	630,2231	223,092	585,865	822,5971	1200,511	146,1865	1140,186	1073,413
E9PWE8;Q3TT92;Q62188	87	26	545,6375	0,557098	1,070425	Dihydropyrimidinase-related protein 3 OS=Mus musculus OX=10090 GN=Dpysl3 PE=1 SV=1	32882,86	33171,31	35040,31	37663,4	42262,3	38082,39	35841,87	32343,42
Q9Z1D1	27	3	166,2511	0,557532	1,144787	Eukaryotic translation initiation factor 3 subunit G OS=Mus musculus OX=10090 GN=Eif3g PE=1 SV=2	1838,679	33,77054	1987,675	1522,76	1323,201	1234,283	1560,897	1291,383



Q80X50;A0A0G2JDT1;A0A0G2JDV6;A0A0G2JE24;A0A0G2JFN7;A0A0G2JG47;A0A0G2JGD0;A0A0H2UH17	46	17	337,9794	0,558299	1,168072	Ubiquitin-associated protein 2-like OS=Mus musculus OX=10090 GN=Ubp2l PE=1 SV=1	31579,79	19958,62	23490,21	31878,28	25757,83	33453,78	33796,79	29250,08
Q6P5E4;G3UY35;G3UY73;G3UYG7;G3UZU8	105	35	873,0735	0,558384	1,131742	UDP-glucose:glycoprotein glucosyltransferase 1 OS=Mus musculus OX=10090 GN=Uggt1 PE=1 SV=4	18458,76	14236,49	15837,55	19300,55	18041,74	18335,53	14130,85	14453,22
A2RSJ4;Q8C318	3	1	14,2036	0,558787	1,242992	UHRF1-binding protein 1-like OS=Mus musculus OX=10090 GN=Uhrf1bp1l PE=1 SV=2	3261,705	2384,365	5057,498	3693,369	5781,406	3693,502	4033,011	2955,697
P68134;A0A1D5RM20	169	1	568,4087	0,559227	1,132843	Actin, alpha skeletal muscle OS=Mus musculus OX=10090 GN=Acta1 PE=1 SV=1	688,2508	533,638	535,4254	782,7222	617,2224	668,6048	636,1131	694,6587
O08810;A2AH85;G3UXK8;G3UZ34	59	17	448,2461	0,559492	1,08742	116 kDa U5 small nuclear ribonucleoprotein component OS=Mus musculus OX=10090 GN=Eftud2 PE=1 SV=1	11015,07	9316,347	8984,224	10814,58	10982,61	9688,094	7877,747	8355,598
D3Z5X9;E9Q1A6	3	1	14,4225	0,560233	1,334557	Glutamate-rich 2 OS=Mus musculus OX=10090 GN=Erich2 PE=4 SV=1	4140,157	9591,222	4617,578	5899,87	7903,307	9541,014	4998,12	4393,819
O08553	50	17	383,7005	0,560484	1,107965	Dihydropyrimidinase-related protein 2 OS=Mus musculus OX=10090 GN=Dpysl2 PE=1 SV=2	17401,46	21948,19	17328,94	19893,7	23499,24	22598,1	19387,41	17594,75
Q09143;E9Q3N1	3	1	17,9996	0,560573	1,317621	High affinity cationic amino acid transporter 1 OS=Mus musculus OX=10090 GN=Slc7a1 PE=1 SV=1	3647,458	3468,174	3176,755	3201,701	1333,85	3358,827	2675,523	2873,051
Q4ZJN1	2	1	9,4503	0,560695	4,803646	Complement C1q and tumor necrosis factor-related protein 9 OS=Mus musculus OX=10090 GN=C1qtnf9 PE=1 SV=1	122,0545	2231,29	419,0027	52,18366	185,27	501,7483	202,6038	121,3744
Q9R0X4	35	4	243,503	0,561006	1,532805	Acyl-coenzyme A thioesterase 9, mitochondrial OS=Mus musculus OX=10090 GN=Acot9 PE=1 SV=1	2240,176	3152,107	645,5648	1549,091	1504,748	1279,651	1144,227	1047,513
Q9D7H3;D3Z263;D6RD00;D6REI7	16	6	137,124	0,561096	1,160803	RNA 3'-terminal phosphate cyclase OS=Mus musculus OX=10090 GN=RtcA PE=1 SV=2	1698,404	1267,667	1448,114	1679,141	1954,726	1506,781	1773,774	1837,867
Q8C878;Q3TL72	4	1	21,3892	0,561127	1,268862	NEDD8-activating enzyme E1 catalytic subunit OS=Mus musculus OX=10090 GN=Uba3 PE=1 SV=2	990,6158	1248,3	754,796	1655,03	1255,198	137,4726	1291,103	979,9345
Q99KI3	9	4	47,4951	0,562389	1,074091	ER membrane protein complex subunit 3 OS=Mus musculus OX=10090 GN=Emc3 PE=1 SV=3	4832,464	4909,047	4490,716	4796,219	5019,527	5053,676	4003,208	3864,348
Q80X82	37	14	200,5381	0,562394	1,133349	Symplekin OS=Mus musculus OX=10090 GN=Sympk PE=1 SV=2	8589,111	6867,129	7418,825	10366,43	7747,396	8575,934	9460,922	9857,632
Q9CR47	1	1	3,9942	0,562538	1,091126	Ribosome biogenesis protein NSA2 homolog OS=Mus musculus OX=10090 GN=Nsa2 PE=2 SV=1	4665,893	4779,296	3783,228	4058,02	4479,167	4060,18	3637,177	3666,232

Q9D753;D3YYN3;F6SGT4	18	1	118,4878	0,563014	1,136493	Exosome complex component RRP43 OS=Mus musculus OX=10090 GN=Exosc8 PE=1 SV=1	863,9913	1161,044	1189,425	842,8166	721,0172	900,4481	899,7876	1069,864
G5E924;G3UY38;G3UY56	58	1	364,2789	0,563894	1,197205	Heterogeneous nuclear ribonucleoprotein L (Fragment) OS=Mus musculus OX=10090 GN=Hnrnpl PE=1 SV=1	2179,384	2127,712	3243,464	1818,589	1588,235	2619,347	1939,444	2413,783
Q8BYJ6	9	1	44,8246	0,564971	1,319621	TBC1 domain family member 4 OS=Mus musculus OX=10090 GN=Tbc1d4 PE=1 SV=2	37,60361	76,28437	97,29238	55,80542	28,17453	70,73798	65,56959	40,46933
Q9Z127	15	2	115,4378	0,565221	1,253348	Large neutral amino acids transporter small subunit 1 OS=Mus musculus OX=10090 GN=Slc7a5 PE=1 SV=2	6358,78	2522,65	1292,82	6908,402	5641,493	1631,115	5582,965	4567,124
A2AUP1;A0A0A6YY64;A2AUP3;A2AUP4;A2AUP5;A7UAK4;A7UAK5;A7UAK8;Q3U3S6;Q7TS91	6	2	23,5872	0,565286	1,215586	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 OS=Mus musculus OX=10090 GN=Pfkfb3 PE=1 SV=1	1875,767	1739,998	552,8937	3371,018	2975,606	1207,837	2663,399	2315,891
Q923A2	12	1	64,5856	0,565431	1,866353	Protein Spindly OS=Mus musculus OX=10090 GN=Spdl1 PE=1 SV=2	26,4539	0	22,03	24,20271	44,56704	10,72234	0	67,38038
Q9JHW2;A0A338P6G0;A0A338P7A1	4	1	13,4951	0,565919	1,633373	Omega-amidase NIT2 OS=Mus musculus OX=10090 GN=Nit2 PE=1 SV=1	142,3519	533,6121	124,4935	396,7385	374,8776	7,718949	536,9456	631,9506
Q5SURO;F6RUL9;G3UY86	44	1	256,5482	0,568012	1,152987	Phosphoribosylformylglycinamide synthase OS=Mus musculus OX=10090 GN=Pfas PE=1 SV=1	2155,763	1332,085	1830,426	3817,445	2286,296	16,05418	3215,179	3127,64
Q99KI0;A0A2R8VHM8;A0A2R8VJW0;A0A2R8W744	114	48	801,0738	0,56845	1,137409	Aconitate hydratase, mitochondrial OS=Mus musculus OX=10090 GN=Aco2 PE=1 SV=1	58878,04	36576,59	39952,43	55823,55	49154,03	42358,7	38385,28	38230,23
Q64318	9	1	46,1205	0,568702	1,297064	Zinc finger E-box-binding homeobox 1 OS=Mus musculus OX=10090 GN=Zeb1 PE=1 SV=1	147,0953	295,6305	279,8797	267,1132	192,0769	316,0973	154,1304	355,4463
P61294;A0A1L1SRS6	21	3	163,1817	0,569229	1,183952	Ras-related protein Rab-6B OS=Mus musculus OX=10090 GN=Rab6b PE=1 SV=1	5303,065	2473,101	4722,627	4665,444	3836,728	4329,766	3713,102	3812,712
Q11011;E9Q039;E9Q6F4;F6QYF8;F6V7K3	50	7	308,0461	0,569243	1,090342	Puromycin-sensitive aminopeptidase OS=Mus musculus OX=10090 GN=Npepps PE=1 SV=2	3607,564	4366,956	3925,042	4335,669	4720,116	4728,629	4515,741	3737,472
Q80UW5	13	3	61,6145	0,569327	2,031451	Serine/threonine-protein kinase MRCK gamma OS=Mus musculus OX=10090 GN=Cdc42bpg PE=1 SV=2	132,4444	335,9618	975,1396	281,4147	542,9458	297,5251	248,4776	129,2887
Q9D023	7	2	47,0446	0,570155	1,350984	Mitochondrial pyruvate carrier 2 OS=Mus musculus OX=10090 GN=Mpc2 PE=1 SV=1	2893,195	603,2763	597,4479	3469,259	2973,721	71,81971	2329,914	2398,924
Q6QD59;B8JJ14;F7C279	8	1	37,8384	0,570413	1,548092	Vesicle transport protein SEC20 OS=Mus musculus OX=10090 GN=Bnip1 PE=1 SV=1	1218,5	129,729	42,6636	129,8089	189,4935	129,5314	309,4441	353,8378
E9Q3R9;E9Q444;G3X9A3	13	4	80,7362	0,570883	1,217997	Zinc finger and BTB domain-containing 21 OS=Mus musculus OX=10090 GN=Zbtb21 PE=1 SV=1	7001,328	5501,563	5074,348	8001,375	8691,425	9710,392	6221,635	6531,219

Q9DBR7;A0A1W2P750	7	1	39,0336	0,571405	1,164341	Protein phosphatase 1 regulatory subunit 12A OS=Mus musculus OX=10090 GN=Ppp1r12a PE=1 SV=2	3166,944	5699,109	140,8591	3289,108	2722,789	5293,071	3159,233	3141,669
P62320;A0A1W2P7K5	14	7	77,6817	0,571449	1,056419	Small nuclear ribonucleoprotein Sm D3 OS=Mus musculus OX=10090 GN=Snrpd3 PE=1 SV=1	26699,94	28932,55	26225,24	28016,75	29734,44	29895,71	25067,35	25051,41
Q8CD92;A0A3Q4EG57;A0A3Q4EHV3;A0A3Q4L363	13	2	81,3097	0,571527	1,11938	Tetratricopeptide repeat protein 27 OS=Mus musculus OX=10090 GN=Ttc27 PE=1 SV=2	3837,466	2644,027	2812,52	2961,341	3376,081	3232,339	2930,366	2395,067
Q9D8X2	9	3	42,2551	0,571575	1,191041	Coiled-coil domain-containing protein 124 OS=Mus musculus OX=10090 GN=Ccdc124 PE=1 SV=1	504,3718	501,3479	651,2515	637,5728	306,8459	433,1078	523,8745	776,3695
Q60865;F6YLI0	30	11	195,3215	0,572244	1,119373	Caprin-1 OS=Mus musculus OX=10090 GN=Caprin1 PE=1 SV=2	32239,76	23018,97	31606,64	35320,89	39168,51	38604,19	30125,97	28873,3
Q8BYA0	46	10	281,353	0,572453	1,11506	Tubulin-specific chaperone D OS=Mus musculus OX=10090 GN=Tbcd PE=1 SV=1	1366,342	1063,314	1332,754	1461,457	1078,813	921,8065	1497,338	1186,872
O35551;J3QJV7;Q3U983	30	4	175,1873	0,572461	1,2195	Rab GTPase-binding effector protein 1 OS=Mus musculus OX=10090 GN=Rabep1 PE=1 SV=2	666,6728	338,1735	176,8659	609,5304	463,2637	310,3927	836,597	540,068
Q8K363;F6ZX28	35	11	269,5936	0,57265	1,274543	ATP-dependent RNA helicase DDX18 OS=Mus musculus OX=10090 GN=Ddx18 PE=1 SV=1	9317,536	8741,33	4057,659	9362,459	4877,758	8484,659	5362,533	5973,293
Q6VGS5	31	2	173,442	0,573495	2,012064	Protein Daple OS=Mus musculus OX=10090 GN=Ccdc88c PE=1 SV=1	284,0542	1043,24	2377,157	540,9102	686,1686	1006,63	342,9302	419,4463
P57722;E9Q7D8;G3UYM5	24	5	186,7969	0,573828	1,093142	Poly(rC)-binding protein 3 OS=Mus musculus OX=10090 GN=Pcbp3 PE=1 SV=3	7664,368	6709,184	6408,778	9555,938	9169,013	7880,105	7801,612	8313,305
Q02248;D3YUH4;E9Q6A9	6	1	31,5624	0,57411	1,154277	Catenin beta-1 OS=Mus musculus OX=10090 GN=Ctnnb1 PE=1 SV=1	480,3745	430,4788	464,9552	321,6163	352,0562	414,8737	369,9355	397,7535
Q499D5;A0A0U1RPI4	3	1	14,5921	0,574243	1,255623	Zinc finger protein 235 OS=Mus musculus OX=10090 GN=Zfp235 PE=2 SV=1	284,1686	446,8602	467,2405	380,592	276,9595	533,9431	530,0082	462,5286
Q8BLN6;A0A1D5RLV3	5	1	33,2613	0,574287	1,135871	Protein unc-80 homolog OS=Mus musculus OX=10090 GN=Unc80 PE=1 SV=3	1731,022	3261,959	10,97256	1090,072	1017,096	2473,073	1378,972	1302,755
E9Q8T1;A0A140LHH8;A0A140LIQ6;A0A1L1SS37;Q9JJG0	44	9	204,4544	0,574508	1,118473	Transforming acidic coiled-coil-containing protein 2 OS=Mus musculus OX=10090 GN=Tacc2 PE=1 SV=1	5408,517	2755,45	6976,347	5370,587	5786,04	5250,554	5540,368	6363,928
Q7TQE6	5	2	29,2347	0,574647	1,091272	Macoilin OS=Mus musculus OX=10090 GN=Maco1 PE=1 SV=1	3298,29	3359,925	3128,61	3834,313	3932,032	3921,415	3680,782	2907,022
A0A140LIY9	8	1	48,3034	0,574855	2,023438	Glutamine-rich protein 2 OS=Mus musculus OX=10090 GN=Qrich2 PE=1 SV=1	2,306841	0,051482	54,15838	25,80903	21,33167	0	47,88787	33,1994
Q61548;A0A087WSI9;A0A5F8MPL3;E9Q9A3;E9QLK9;E9QQ05;Q3TWS4	29	7	242,5584	0,575208	1,158608	Clathrin coat assembly protein AP180 OS=Mus musculus OX=10090 GN=Snap91 PE=1 SV=1	7423,714	5963,206	4981,083	5712,513	2973,18	6608,14	6324,453	4878,237
Q8C0L0;A2ARIO	12	5	72,7086	0,576072	1,069548	Thioredoxin-related transmembrane protein 4 OS=Mus musculus OX=10090 GN=Tmx4 PE=1 SV=2	12469,83	11947,43	10034,23	12569,51	10222,58	12332,2	10938,14	10470,51

P59997;A0A087WP68;F6YRW4;H3BL82	9	1	44,6575	0,576313	1,808875	Lysine-specific demethylase 2A OS=Mus musculus OX=10090 GN=Kdm2a PE=1 SV=2	37,58933	79,85916	60,27011	0,054777	69,81028	57,27031	43,60368	41,54357
A2ALF0;A2ALF3;F6TQL3;F7CXJ2;Q6NZB0	4	1	32,9819	0,576833	2,637659	DnaI homolog subfamily C member 8 OS=Mus musculus OX=10090 GN=Dnajc8 PE=1 SV=1	518,3613	4294,188	352,332	1116,187	716,2343	700,8262	837,814	724,0336
P54099;D6RIP1;F6YLN2;F7BP45;Q75WCO	16	2	110,7155	0,576846	1,230538	DNA polymerase subunit gamma-1 OS=Mus musculus OX=10090 GN=Polg PE=1 SV=3	304,5702	314,2	169,7428	363,852	233,2138	94,42587	505,3345	349,8137
Q3U0V1;A0A3B2W465;A0A3B2WCD8	59	21	409,4393	0,577034	1,094685	OS=Mus musculus OX=10090 GN=Khsrp PE=1 SV=2	17117,57	17355,06	14262,93	19149,05	20876,62	16872,41	16785,04	16668,76
Q61301;A0A0N4SUZ7;E0CXB9	22	2	105,8999	0,577056	1,159441	Catenin alpha-2 OS=Mus musculus OX=10090 GN=Ctnna2 PE=1 SV=3	1294,472	1690,735	1990,465	1256,287	2081,789	1430,637	1456,448	1343,944
Q9JIH2	21	5	119,7899	0,577513	1,316184	Nuclear pore complex protein Nup50 OS=Mus musculus OX=10090 GN=Nup50 PE=1 SV=3	1149,499	341,7752	450,3408	1007,506	636,4544	228,6217	790,2483	995,8326
P12787	18	4	139,6846	0,577735	1,276835	Cytochrome c oxidase subunit 5A, mitochondrial OS=Mus musculus OX=10090 GN=Cox5a PE=1 SV=2	4406,752	1836,838	4613,318	5197,083	6477,541	2119,495	4782,459	5151,681
P98078;A0A0R4J104;E9PX84;E9QL31;F6TQN9	6	3	24,3461	0,578094	1,249012	Disabled homolog 2 OS=Mus musculus OX=10090 GN=Dab2 PE=1 SV=2	388,3342	1406,98	713,2916	832,4507	967,1853	521,41	806,4691	683,5974
Q8VDW0;D6RHT5	51	2	295,6978	0,578206	1,130224	ATP-dependent RNA helicase DDX39A OS=Mus musculus OX=10090 GN=Ddx39a PE=1 SV=1	2919,068	2418,668	2010,925	2914,393	2431,56	2543,161	2045,051	2351,52
E9PWG6	16	5	91,348	0,578311	1,239208	Non-SMC condensin I complex, subunit G OS=Mus musculus OX=10090 GN=Ncapg PE=1 SV=1	18140,1	2638,069	14193,69	20368,69	23382,12	16022,52	18200,46	10973,38
Q9DB05	25	2	193,0243	0,578455	1,176784	Alpha-soluble NSF attachment protein OS=Mus musculus OX=10090 GN=Napa PE=1 SV=1	2988,252	2487,905	4565,409	3383,339	3646,852	3277,486	3040,044	2516,213
Q9CQ65	20	3	150,1682	0,578802	1,310602	S-methyl-5'-thioadenosine phosphorylase OS=Mus musculus OX=10090 GN=Mtap PE=1 SV=1	212,6847	138,5439	211,4108	200,6435	182,0319	125,9089	298,158	295,9142
P57680	11	2	62,9514	0,578876	1,151242	Ellis-van Creveld syndrome protein homolog OS=Mus musculus OX=10090 GN=Evc PE=1 SV=2	169,2691	441,4448	85,5843	218,2128	265,9555	226,8805	248,4523	224,393
Q9Z1T1;A0A338P6V5	13	4	86,3081	0,579232	1,113015	AP-3 complex subunit beta-1 OS=Mus musculus OX=10090 GN=Ap3b1 PE=1 SV=2	569,1513	521,2321	439,9335	451,2766	338,5154	485,7421	561,1611	504,9076
Q62177;M0QWQ7;M9MMK0	11	2	61,0532	0,580189	1,091784	Semaphorin-3B OS=Mus musculus OX=10090 GN=Sema3b PE=2 SV=2	959,9046	891,3623	922,7456	1076,094	866,4568	900,469	1083,645	939,5494
Q9Z2Z6	4	2	17,136	0,581354	1,098461	Mitochondrial carnitine/acylcarnitine carrier protein OS=Mus musculus OX=10090 GN=Slc25a20 PE=1 SV=1	1441,019	1051,358	1123,507	1442,692	1281,911	1162,389	1160,213	1000,632
Q62059	56	3	356,1223	0,582593	1,13124	Versican core protein OS=Mus musculus OX=10090 GN=Vcan PE=1 SV=2	2290,693	1898,359	2253,995	2429,49	1798,375	2411,798	2330,124	1516,457

P97300;A0A0A0MQN8;H3 BIX4;H3BKA7;Z4YLB7	11	1	47,1823	0,583175	1,336211	Neuroplastin OS=Mus musculus OX=10090 GN=Nptn PE=1 SV=3	2497,096	1219,797	3064,987	2486,488	2407,762	2212,997	1088,47	2074,754
P57776	32	2	212,0595	0,583463	1,117098	Elongation factor 1-delta OS=Mus musculus OX=10090 GN=Eef1d PE=1 SV=3	2686,899	2245,502	2539,856	2909,08	3216,865	2912,676	2726,035	2085,705
Q8C167	6	1	20,2622	0,584137	3,082459	Prolyl endopeptidase-like OS=Mus musculus OX=10090 GN=Prepl PE=1 SV=1	37,62646	353,7909	174,281	23,8662	57,69493	904,7446	72,7476	217,9822
Q9JKV2;Q3UZZ3 Q02357;A0A0R4J1N7;B7Z W98;D3YTV8;D3Z5M4;E9 QNT8;G3UY11;G5E8J2;G8J L84;Q0VGY9	13	1	49,4745	0,584241	1,601624	Serine/threonine-protein kinase ICK OS=Mus musculus OX=10090 GN=Cilk1 PE=1 SV=2	139,0523	162,0146	150,492	120,869	20,12004	210,3665	200,1038	123,4077
	9	1	48,2905	0,584631	2,397518	Ankyrin-1 OS=Mus musculus OX=10090 GN=Ank1 PE=1 SV=2	1624,261	1063,331	636,5859	297,6471	746,2658	3309,864	481,4383	437,6147
G3UYZ9;D3Z4U5	3	2	8,0638	0,584666	1,090195	Janus kinase and microtubule-interacting protein 1 OS=Mus musculus OX=10090 GN=Jakmip1 PE=1 SV=1	2299,317	2248,88	2662,459	2856,434	1979,18	2720,034	2341,756	2193,24
Q6PIP5;A0A2K6EDK3 A0A0G2JEA5;A0A0G2JDJ5; A0A0G2JEB3	18	3	100,5906	0,584796	1,254032	NudC domain-containing protein 1 OS=Mus musculus OX=10090 GN=Nudcd1 PE=1 SV=2	3935,468	2891,582	6452,872	3397,632	3841,378	3209,973	2934,23	3313,559
	28	5	239,7414	0,584869	1,161428	Predicted gene 43738 OS=Mus musculus OX=10090 GN=Gm43738 PE=4 SV=1	1189,46	468,3578	1391,041	1641,218	1423,282	1438,131	1447,096	1138,679
P09602;A3KGL9;B7ZCQ3;F 6W687	5	4	14,7152	0,58551	2,521504	Non-histone chromosomal protein HMG-17 OS=Mus musculus OX=10090 GN=Hmgn2 PE=1 SV=2	1242,927	1152,963	2899,915	4255,632	13861,93	1067,086	1885,731	7269,25
Q9JJY4;A0A0G2JE88	30	3	220,3885	0,58552	1,371736	Probable ATP-dependent RNA helicase DDX20 OS=Mus musculus OX=10090 GN=Ddx20 PE=1 SV=2	265,8264	112,2851	300,2743	329,8355	215,9897	453,3124	270,0489	208,8772
Q9DBS1	14	1	75,9974	0,585634	1,298408	Transmembrane protein 43 OS=Mus musculus OX=10090 GN=Tmem43 PE=1 SV=1	4209,585	4287,977	2047,318	3308,678	5435,371	4919,443	2110,14	4325,823
Q9CWU9	6	1	39,3028	0,585653	1,392961	Nucleoporin Nup37 OS=Mus musculus OX=10090 GN=Nup37 PE=1 SV=2	354,1256	699,5399	116,5973	436,4894	381,2126	214,843	346,6157	329,6357
Q8CIH9	22	7	139,5665	0,585688	1,098515	Amidophosphoribosyltransferase OS=Mus musculus OX=10090 GN=Ppat PE=1 SV=1	1769,36	1808,896	1940,473	2262,001	1512,041	2087,635	2316,387	1900,538
A0A3F2YNM3;A0A3F2YN M8;Q8CDD8	3	2	16,0706	0,585707	1,201344	BTB/POZ domain-containing protein KCTD20 OS=Mus musculus OX=10090 GN=Kctd20 PE=1 SV=1	2769,111	884,8428	2730,154	3770,591	4146,539	2529,24	2734,952	2788,559
Q6GQT9	61	15	386,8484	0,585712	1,639389	Nodal modulator 1 OS=Mus musculus OX=10090 GN=Nomo1 PE=1 SV=1	8071,917	37408,27	9602,773	11068,84	13432,56	9587,588	9998,959	8736,827
D3YZ60;Q9CYZ6	2	1	9,8885	0,586359	1,226064	Required for excision 1-B domain-containing protein OS=Mus musculus OX=10090 GN=Rex1bd PE=1 SV=1	198,4535	202,5786	216,1124	121,2994	152,9235	138,8486	152,5424	157,9738
Q8BJ34;A0A2R8VH96	5	1	21,1296	0,587185	1,353624	Meiosis regulator and mRNA stability factor 1 OS=Mus musculus OX=10090 GN=Marf1 PE=1 SV=3	61,85853	59,85752	114,5055	61,0181	65,88015	21,66247	43,17363	88,87182
Q8VI59	5	1	24,2676	0,587449	1,058928	Pecanex-like protein 3 OS=Mus musculus OX=10090 GN=Pcnx3 PE=1 SV=2	369,2327	0	479,0624	212,0983	206,542	303,3866	251,8453	294,2636

P56391;A0A140LIU3	12	3	68,9641	0,58794	1,231339	Cytochrome c oxidase subunit 6B1 OS=Mus musculus OX=10090 GN=Cox6b1 PE=1 SV=2	16023,37	12157,14	7688,727	14142,25	12646,76	11380,95	10192,54	9975,435
P53810;F8WGG5;J3QPW1;J3QQ30	13	1	70,8287	0,58824	1,139177	Phosphatidylinositol transfer protein alpha isoform OS=Mus musculus OX=10090 GN=Pitpna PE=1 SV=2	1134,418	676,5699	2096,88	1127,342	1526,372	1333,056	1520,17	1356,396
E9PVZ8;E9QAH1	92	15	500,6838	0,588389	1,093909	Golgi autoantigen, golgin subfamily b, macrogolgin 1 OS=Mus musculus OX=10090 GN=Golgb1 PE=1 SV=1	7618,562	6708,868	7727,169	8654,27	7225,621	6192,752	7938,827	7935,009
Q8BT18;A0A087WPS9;A0A087WRX8;A0A3B2W3Z4	94	16	606,7636	0,588554	1,197293	Serine/arginine repetitive matrix protein 2 OS=Mus musculus OX=10090 GN=Srrm2 PE=1 SV=3	6471,752	3862,745	7095,29	7814,313	6033,155	6503,387	4848,114	7065,969
G3UZJ9	2	1	10,64	0,5886	1,34569	RNA-binding motif, single-stranded-interacting protein 3 (Fragment) OS=Mus musculus OX=10090 GN=Rbms3 PE=1 SV=1	327,612	198,3894	189,8903	161,481	202,7632	373,6377	337,7957	148,0131
Q8BKZ9;A2AWH8	18	5	117,5405	0,590044	1,306536	Pyruvate dehydrogenase protein X component, mitochondrial OS=Mus musculus OX=10090 GN=Pdhx PE=1 SV=1	702,1979	588,136	1352,556	686,9049	726,6217	1066,065	507,247	553,5877
P97371;G3UWN9;G3UXR1;G3UXY0;G3UXZ5;G3X9K9	23	6	169,587	0,590309	1,174905	Proteasome activator complex subunit 1 OS=Mus musculus OX=10090 GN=Psme1 PE=1 SV=2	4338,005	4322,159	3576,484	5755,649	6045,941	3495,858	5125,677	4595,564
Q8C3X8	11	3	78,2366	0,590854	1,093645	Lipase maturation factor 2 OS=Mus musculus OX=10090 GN=Lmf2 PE=1 SV=1	9519,99	8257,835	8209,829	10275,19	9286,845	8140,811	7956,86	7773,264
Q60675	38	8	170,936	0,590979	1,097929	Laminin subunit alpha-2 OS=Mus musculus OX=10090 GN=Lama2 PE=1 SV=2	3039,329	2120,64	2561,691	2721,589	2765,093	2483,14	2757,208	2409,582
P35979	26	10	146,5026	0,591713	1,080461	60S ribosomal protein L12 OS=Mus musculus OX=10090 GN=Rpl12 PE=1 SV=2	40275,19	37755,26	38499,84	43474,18	43030,3	43414,97	34088,81	30640,14
Q8K1Z0;F6SFF5	18	6	113,3946	0,592276	1,124953	Ubiquinone biosynthesis protein COQ9, mitochondrial OS=Mus musculus OX=10090 GN=Coq9 PE=1 SV=1	6879,337	4755,401	6160,857	7042,715	6517,71	5585,205	4515,91	5460,596
O08911	3	1	16,2032	0,592535	1,944174	Mitogen-activated protein kinase 12 OS=Mus musculus OX=10090 GN=Mapk12 PE=1 SV=1	256,435	269,2415	411,017	228,614	332,5487	670,8505	609,1458	82,26105
A2ALU4;A7TU71	7	1	28,8346	0,592744	1,294848	Protein Shroom2 OS=Mus musculus OX=10090 GN=Shroom2 PE=1 SV=1	2879,579	1879,654	1801,957	2647,925	761,0442	1599,834	2085,572	2675,41
Q9CRD2	18	3	124,2078	0,593451	1,261176	ER membrane protein complex subunit 2 OS=Mus musculus OX=10090 GN=Emc2 PE=1 SV=1	2930,209	2865,811	2308,083	5750,06	5146,732	1629,068	4507,15	4347,211
Q505G8	6	1	35,3971	0,593946	1,567405	Zinc finger protein 827 OS=Mus musculus OX=10090 GN=Znf827 PE=1 SV=2	315,2322	51,3428	149,9472	759,0899	650,8117	14,76017	306,2797	302,6505
O54824	6	1	32,2354	0,594043	1,168846	Pro-interleukin-16 OS=Mus musculus OX=10090 GN=Il16 PE=1 SV=3	1526,89	1926,635	2333,798	1880,253	329,6839	2195,598	1889,854	2170,399
A0A571BG01;E9PZX1	11	1	67,1107	0,594254	1,51077	Death domain-containing 1 OS=Mus musculus OX=10090 GN=Dthd1 PE=4 SV=1	1920,72	5142,284	1155,847	3144,087	1993,616	1881,285	2555,976	1090,412

Q8K2H4	17	2	103,0605	0,594944	2,58296	Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 1 OS=Mus musculus OX=10090 GN=Acap1 PE=1 SV=1	1862,132	1556,094	1472,49	2165,905	1287,291	13258,29	1794,611	1886,781
A2AQB2	48	7	226,7876	0,59534	1,991265	Nebulin OS=Mus musculus OX=10090 GN=Neb PE=1 SV=1	1568,374	2485,146	1990,354	1930,478	2023,872	10220,11	1654,843	1644,495
P83870	5	1	31,6777	0,595536	1,171593	PHD finger-like domain-containing protein 5A OS=Mus musculus OX=10090 GN=Phf5a PE=1 SV=1	12185,71	3989,446	12334,14	13004,8	14957,9	10711,39	10601,44	11062,36
Q8BTW3	2	1	4,4155	0,596041	1,363566	Exosome complex component MTR3 OS=Mus musculus OX=10090 GN=Exosc6 PE=1 SV=1	395,68	721,6498	625,6774	274,7961	372,987	218,55	553,0202	472,7284
P17879;Q61696	55	1	342,8886	0,596918	1,177272	Heat shock 70 kDa protein 1B OS=Mus musculus OX=10090 GN=Hspa1b PE=1 SV=3	3487,251	1089,704	1739,041	4279,896	3629,746	3782,782	3312,872	1707,869
P16627	67	3	389,8002	0,596918	1,177272	Heat shock 70 kDa protein 1-like OS=Mus musculus OX=10090 GN=Hspa1l PE=1 SV=4	3186,31	995,6651	1588,966	3910,552	3316,509	3456,338	3026,98	1560,485
Q6A4J8;E9PXY8;F8VPX1	39	4	196,7903	0,596928	1,971121	Ubiquitin carboxyl-terminal hydrolase 7 OS=Mus musculus OX=10090 GN=Usp7 PE=1 SV=1	662,1504	3541,862	546,0121	721,5762	794,5466	578,9151	687,2593	879,4281
A2A8L1;E9PYL1;E9PYU4	79	15	521,1763	0,597153	1,18659	Chromodomain-helicase-DNA-binding protein 5 OS=Mus musculus OX=10090 GN=Chd5 PE=1 SV=1	3143,07	1590,032	3291,16	3219,466	2804,962	3308,583	3041,838	2414,99
Q9CPS5;Q3TG45;Q9CX56	5	3	35,378	0,597195	1,064495	26S proteasome non-ATPase regulatory subunit 8 OS=Mus musculus OX=10090 GN=Psm8 PE=1 SV=2	1391,193	1444,239	1761,161	1670,806	1527,541	1795,105	1603,442	1727,27
Q8BQ46;F6QC10	20	5	112,9741	0,59765	1,197563	TAF15 RNA polymerase II, TATA box binding protein (TBP)-associated factor OS=Mus musculus OX=10090 GN=Taf15 PE=1 SV=1	4698,44	3818,873	2308,986	5406,421	5350,345	2732,984	4043,329	3331,988
P16014	79	35	532,6498	0,597841	1,204883	Secretogranin-1 OS=Mus musculus OX=10090 GN=Chgb PE=1 SV=2	15031,27	8326,957	5827,023	15987,17	13463,12	9955,337	12171,87	12142,4
Q922Q4	15	2	108,2555	0,598008	1,110165	Pyrraline-5-carboxylate reductase 2 OS=Mus musculus OX=10090 GN=Pycr2 PE=1 SV=1	8458,973	5192,153	5162,666	8423,566	8120,483	8233,321	6839,875	6402,607
O54988	15	2	82,8263	0,598421	1,163458	STE20-like serine/threonine-protein kinase OS=Mus musculus OX=10090 GN=Slk PE=1 SV=2	1016,767	935,2629	872,8797	1209,231	1187,789	1395,348	826,8043	783,8825
Q61387;E9PZS8	6	1	45,0432	0,598974	3,049065	Cytochrome c oxidase subunit 7A-related protein, mitochondrial OS=Mus musculus OX=10090 GN=Cox7a2l PE=1 SV=1	1,617468	6,307178	0,247622	3,250759	0	11,47302	4,33059	1,919502
Q8VBV3;A2AV19	7	2	41,947	0,599008	1,067979	Exosome complex component RRP4 OS=Mus musculus OX=10090 GN=Exosc2 PE=1 SV=1	1254,658	979,9411	1005,133	1149,277	1021,467	1317,292	981,5808	1104,628
Q5HZI1;A0A0R4J1L9;E9QN4	8	1	45,1306	0,59932	1,323383	Microtubule-associated tumor suppressor 1 homolog OS=Mus musculus OX=10090 GN=Mtus1 PE=1 SV=2	4883,546	2540,527	2558,631	5296,799	7082,56	5204,998	3060,522	4872,547

Q8C0G2;G3X949	7	1	50,0158	0,599458	1,152565	TRAF3-interacting JNK-activating modulator OS=Mus musculus OX=10090 GN=Traf3ip3 PE=1 SV=2	2909,881	3445,405	2561,568	3224,506	2860,644	4105,583	3904,601	2529,978
Q91VC3;A2AFK7	52	1	349,6116	0,599551	1,132598	Eukaryotic initiation factor 4A-III OS=Mus musculus OX=10090 GN=Eif4a3 PE=1 SV=3	2036,336	1931,391	2508,904	1937,161	2287,34	2786,369	1965,785	1688,294
Q80UU9	20	4	158,3947	0,599598	1,061842	Membrane-associated progesterone receptor component 2 OS=Mus musculus OX=10090 GN=Pgrmc2 PE=1 SV=2	7321,846	7107,318	6454,128	7401,433	7572,56	7137,285	6090,498	5837,084
P62965	1	1	4,4769	0,600096	1,980437	Cellular retinoic acid-binding protein 1 OS=Mus musculus OX=10090 GN=Crabp1 PE=1 SV=2	753,8622	551,2694	4051,527	908,4978	1154,962	759,1674	646,5852	602,807
Q62261;A0A0A0MQG2	229	62	1606,199	0,60012	1,071927	Spectrin beta chain, non-erythrocytic 1 OS=Mus musculus OX=10090 GN=Sptbn1 PE=1 SV=2	17730,95	12589,4	14572,17	16798,21	17777,76	17116,75	15976,14	15257,32
Q3UHX2	12	5	71,6789	0,600128	1,118236	28 kDa heat- and acid-stable phosphoprotein OS=Mus musculus OX=10090 GN=Pdap1 PE=1 SV=1	1254,719	1788,015	1477,136	1149,496	1543,912	1568,53	1602,347	1216,155
Q922J9;D3Z4N9;D3Z5W6	10	1	74,8288	0,600423	1,094062	Fatty acyl-CoA reductase 1 OS=Mus musculus OX=10090 GN=Far1 PE=1 SV=1	13493,36	10494,69	11706,11	13440,27	13002,08	10601,09	10850,32	10456,63
Q8C3F7	7	1	32,7586	0,600866	1,351091	Kelch-like protein 30 OS=Mus musculus OX=10090 GN=Klhl30 PE=2 SV=1	618,9576	125,3654	527,9801	211,8002	377,9803	288,053	157,9459	382,1938
Q9JM76;A0A0G2JFK7;D3Z 2F7;D3Z2F8;H7BWZ3	14	4	108,5227	0,601066	1,048334	Actin-related protein 2/3 complex subunit 3 OS=Mus musculus OX=10090 GN=Arpc3 PE=1 SV=3	5189,234	5322,965	4572,121	5309,386	5808,733	5185,968	4568,563	4761,219
Q922V4;D3Z4V1;F8WI31	22	3	151,2669	0,601713	1,180503	Pleiotropic regulator 1 OS=Mus musculus OX=10090 GN=Plrg1 PE=1 SV=1	555,884	710,4931	914,72	788,5709	527,6996	652,2965	550,9279	784,6711
P26516	19	7	143,9525	0,601928	1,130571	26S proteasome non-ATPase regulatory subunit 7 OS=Mus musculus OX=10090 GN=Psm7 PE=1 SV=2	3883,444	2998,824	2574,515	4500,971	3561,023	4132,273	3264,305	3856,849
P11881;A0A0N4SWH7	12	5	60	0,602083	1,345078	Inositol 1,4,5-trisphosphate receptor type 1 OS=Mus musculus OX=10090 GN=Itpr1 PE=1 SV=2	2161,513	2588,158	1357,415	2132,951	1720,609	5250,107	1900,777	2212,004
Q61335	12	4	70,7071	0,602464	1,135988	B-cell receptor-associated protein 31 OS=Mus musculus OX=10090 GN=Bcap31 PE=1 SV=4	2662,059	3875,65	3722,507	3350,536	4396,141	2985,735	3585,396	3072,249
Q9Z1W8	45	5	259,4069	0,603558	1,116654	Potassium-transporting ATPase alpha chain 2 OS=Mus musculus OX=10090 GN=Atp12a PE=1 SV=3	4334,956	3913,586	5164,214	3197,652	4122,532	5431,478	4156,435	4066,172
Q99LC5	34	13	244,381	0,603958	1,078131	Electron transfer flavoprotein subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=Etfa PE=1 SV=2	31752,03	29730,92	25843,88	31355,6	30392,26	30638,48	25219,87	25457,41
Q8C0P0	8	2	37,889	0,60451	1,365558	Serine/threonine-protein kinase greatwall OS=Mus musculus OX=10090 GN=Mastl PE=2 SV=2	172,3757	95,82856	40,75503	250,8355	195,0579	39,49789	278,6191	230,7654



Q8VEM8;G5E902	51	26	280,7429	0,604984	1,217098	Phosphate carrier protein, mitochondrial OS=Mus musculus OX=10090 GN=Slc25a3 PE=1 SV=1	18034,73	9467,553	17991,65	21429,69	16789,57	15387,69	15621,32	13504,02
P13864;J3QNW0	101	21	725,4961	0,605258	1,18622	DNA (cytosine-5)-methyltransferase 1 OS=Mus musculus OX=10090 GN=Dnmt1 PE=1 SV=5	11922,63	8649,3	4767,734	12278,44	13171,87	6066,464	11604,35	11223,87
Q8C7K6	12	2	66,8797	0,605356	1,179704	Prenylcysteine oxidase-like OS=Mus musculus OX=10090 GN=Pcyox1l PE=1 SV=1	289,3423	326,5446	361,8903	210,7698	141,0342	287,0748	309,2043	270,1828
Q99JX7;V9GXF3;V9GXW3	25	9	181,7198	0,605376	1,340711	Nuclear RNA export factor 1 OS=Mus musculus OX=10090 GN=Nxf1 PE=1 SV=3	3149,382	2776,254	5331,43	2786,513	2828,385	3802,086	2538,9	4671,203
Q8K114;A0A0R4J0J5	6	1	34,6036	0,605986	1,171376	Integrator complex subunit 9 OS=Mus musculus OX=10090 GN=Ints9 PE=1 SV=1	1448,64	1167,489	872,1192	1277,279	1367,485	1004,926	979,1542	1234,25
Q61656;B1ARB9;B1ARCO; Q8BT50;S4R1E3;S4R1I6	101	30	682,0942	0,606295	1,166371	Probable ATP-dependent RNA helicase DDX5 OS=Mus musculus OX=10090 GN=Ddx5 PE=1 SV=2	49894,34	35367,52	25655,43	54051,8	42382,97	33048,58	36880,19	41633,54
P16331	3	1	13,9989	0,606348	1,616089	Phenylalanine-4-hydroxylase OS=Mus musculus OX=10090 GN=Pah PE=1 SV=4	396,8327	647,3356	614,2629	115,2719	297,1172	231,1553	216,6479	593,8762
Q91VE6;E0CXU3	17	1	125,2582	0,606567	1,631952	MKI67 FHA domain-interacting nucleolar phosphoprotein OS=Mus musculus OX=10090 GN=Nifk PE=1 SV=1	906,5974	456,1238	2450,056	1699,782	1535,824	1122,73	749,0476	1104,535
Q91Z83	24	1	134,6983	0,607305	3,700379	Myosin-7 OS=Mus musculus OX=10090 GN=Myh7 PE=2 SV=1	51,10291	163,4461	557,9505	133,5015	184,2973	1113,406	63,14452	84,31373
Q9CRB2	6	3	46,6874	0,607382	1,134831	H/ACA ribonucleoprotein complex subunit 2 OS=Mus musculus OX=10090 GN=Nhp2 PE=1 SV=1	2390,011	1840,439	1886,349	2498,796	2303,213	2005,749	1673,946	1609,056
O88455;A0A140LIT2;D3Z7 G1	3	1	11,6411	0,607386	8,900189	7-dehydrocholesterol reductase OS=Mus musculus OX=10090 GN=Dhcr7 PE=1 SV=1	6,953864	1473,363	132,749	42,23217	45,39599	69,19595	69,88748	83,84204
Q8BGI4;G3UYL7	3	1	13,5255	0,607688	1,870696	Protein FAM13A OS=Mus musculus OX=10090 GN=Fam13a PE=1 SV=1	110,5722	156,7809	97,15864	28,44061	0	44,32707	154,1532	113,0141
Q8JZX4;A2AP40	21	5	115,1222	0,607874	1,0957	Splicing factor 45 OS=Mus musculus OX=10090 GN=Rbm17 PE=1 SV=1	1230,642	1556,703	1815,131	1317,632	1096,747	1288,694	1312,552	1705,047
Q8R1A4;A0A0U1RNK7;A0 A0U1RNY4;A2A9M4;A2A9 M5;E9PX48	19	2	95,0103	0,608469	1,315587	Dedicator of cytokinesis protein 7 OS=Mus musculus OX=10090 GN=Dock7 PE=1 SV=3	1127,456	627,8052	71,32162	953,3594	1334,649	302,3464	1085,475	934,7855
P47757;A0A0A0MQI9;A2A MW0;F6YHZ8;F7CAZ6	27	11	209,5097	0,608869	1,115342	F-actin-capping protein subunit beta OS=Mus musculus OX=10090 GN=Capzb PE=1 SV=3	9571,316	8315,722	8922,528	10210,37	12417,93	11324,59	9752,205	7795,157
P97450;E9QAD6	6	1	64,5575	0,608697	2,038284	ATP synthase-coupling factor 6, mitochondrial OS=Mus musculus OX=10090 GN=Atp5pf PE=1 SV=1	2267,678	230,9611	1397,695	6244,618	6873,331	2214,978	1226,599	2289,52
P35821	6	1	29,8676	0,608814	37,61476	Tyrosine-protein phosphatase non-receptor type 1 OS=Mus musculus OX=10090 GN=Ptpn1 PE=1 SV=2	1,365016	32855,14	5025,831	29,77124	113,9156	2022,968	4,169544	2,949145
Q9QXK3	43	6	266,2634	0,608826	1,157013	Coatomer subunit gamma-2 OS=Mus musculus OX=10090 GN=Copg2 PE=1 SV=1	2905,029	2098,167	1812,676	2873,718	2734,471	1615,218	2219,605	1805,368

B1AT82;B1AT83;B1AT84 Q6A065;A0A0A6YVZ3;A0A 0A6YVWV9;A0A0A6YX99;A 0A0A6YXK7;A0A0A6YXR9; A0A0A6YXT4;H7BX26	16	1	102,8578	0,609286	1,384833	Phosphoribosyl pyrophosphate synthase- associated protein 1 OS=Mus musculus OX=10090 GN=Prpsap1 PE=1 SV=1	1266,115	3381,729	4070,889	2406,089	3942,464	2077,444	1408,641	920,4658
Q61754 Q9JKK7;A0A1L1SRR7;A0A1 L1SU70	79	16	488,4697	0,609376	1,27161	Centrosomal protein of 170 kDa OS=Mus musculus OX=10090 GN=Cep170 PE=1 SV=2	4646,787	1392,623	3174,831	6333,452	5702,065	5159,322	5794,053	3115,16
Q9DCL9;D3Z6P1;D6RCU8	2	1	9,2763	0,609681	1,196278	Kallikrein 1-related peptidase b24 OS=Mus musculus OX=10090 GN=Klk1b24 PE=2 SV=3	411,8602	633,3504	480,8448	403,3919	192,5858	366,7026	620,4147	433,1718
Q8CD76	17	1	88,8863	0,610014	1,227394	Tropomodulin-2 OS=Mus musculus OX=10090 GN=Tmod2 PE=1 SV=2	983,2224	1159,192	1181,881	1260,291	892,4461	1121,396	1302,13	1990,961
Q9EQH2;A0A1Y7VMT6	22	8	163,1224	0,610528	1,070604	Multifunctional protein ADE2 OS=Mus musculus OX=10090 GN=Paics PE=1 SV=4	10075,86	8980,893	9374,827	11127,33	11126,68	10531,51	9472,822	8370,657
Q9CR57;A0A1L1SUF6	13	1	79,3566	0,610718	1,097319	Kinesin light chain OS=Mus musculus OX=10090 GN=Klc1 PE=1 SV=1	8364,531	6866,683	7922,456	7419,258	7160,858	6283,312	8538,332	5878,973
E9PUU4	29	8	188,9306	0,611009	1,082733	Endoplasmic reticulum aminopeptidase 1 OS=Mus musculus OX=10090 GN=Erap1 PE=1 SV=2	3263,697	2497,025	3128,485	3296,343	2981,876	2577,752	3382,497	3527,547
Q6PGC1;Q8BN72	24	8	142,83	0,611045	1,060258	60S ribosomal protein L14 OS=Mus musculus OX=10090 GN=Rpl14 PE=1 SV=3	13366,12	10853,39	10872,18	10700,13	10903,24	10704,02	11096,83	11314,81
Q5XJV7	43	1	230,5641	0,611157	1,175301	Gem-associated protein 5 OS=Mus musculus OX=10090 GN=Gemin5 PE=1 SV=1	651,5264	783,1007	967,207	612,3379	1110,288	613,4457	716,0098	902,9516
Q80X71;D3Z0M2;D3Z191; D3Z6E0	64	12	452,7355	0,611873	1,111025	ATP-dependent RNA helicase DHX29 OS=Mus musculus OX=10090 GN=Dhx29 PE=1 SV=1	2338,454	2805,522	2503,628	2733,358	3252,856	3155,777	2384,034	2340,992
Q9JUV2;D3YWS3	5	1	18,0353	0,612042	1,171333	Histone-lysine N-methyltransferase SETD5 OS=Mus musculus OX=10090 GN=Setd5 PE=1 SV=2	871,2075	988,425	1087,024	761,2885	368,7924	848,2829	1145,481	819,5111
Q91YD9	4	1	21,4216	0,61295	1,721783	Transmembrane protein 106B OS=Mus musculus OX=10090 GN=Tmem106b PE=1 SV=1	323,4317	288,1826	291,2092	305,1205	749,7118	266,7716	240,4928	194,8171
Q0VGT3	9	1	69,2209	0,612986	1,245031	Profilin-2 OS=Mus musculus OX=10090 GN=Pfn2 PE=1 SV=3	9324,087	3437,759	6731,778	5475,966	5191,132	5439,641	4311,863	5219,9
Q7TNH6;H9KV07	11	2	67,6549	0,614248	1,074182	Neural Wiskott-Aldrich syndrome protein OS=Mus musculus OX=10090 GN=Wasl PE=1 SV=1	12301,11	10528,86	11913,84	13584,06	14407,42	14001,63	12034,72	11469,15
Q499E5;A0A1D5RMHO	29	2	193,8368	0,614809	1,343133	Pogo transposable element with ZNF domain OS=Mus musculus OX=10090 GN=Pogz PE=1 SV=1	326,7904	326,5286	314,9778	208,4556	186,1895	248,7851	182,8908	258,26
	17	3	101,2757	0,615427	1,067044	Nephrocystin-3 OS=Mus musculus OX=10090 GN=Nphp3 PE=1 SV=2	1869,379	1807,261	2032,801	1840,271	1689,084	2367,761	1733,469	1710,599
	4	1	19,014	0,615826	1,155421	Storkhead-box protein 2 OS=Mus musculus OX=10090 GN=Stox2 PE=2 SV=2	342,5566	593,9935	502,3905	634,0058	452,465	608,2016	592,3136	444,974

E9Q392;F6ZKR0;Q9QXK2	4	2	15,0768	0,616332	1,252408	RING-type E3 ubiquitin transferase RAD18 OS=Mus musculus OX=10090 GN=Rad18 PE=1 SV=1	1676,176	1446,2	1066,278	1127,729	1365,847	2877,748	999,2975	1415,389
Q9D1D4;A0A1Y7VM54	14	9	106,2046	0,616816	1,14609	Transmembrane emp24 domain-containing protein 10 OS=Mus musculus OX=10090 GN=Tmed10 PE=1 SV=1	13456,86	16130,87	11190,18	17510,43	18612,4	10629,29	11447,1	12020,61
Q9QZ23;A0A0N4SUH8;D3Z285	10	2	77,893	0,616892	1,31903	NFU1 iron-sulfur cluster scaffold homolog, mitochondrial OS=Mus musculus OX=10090 GN=Nfu1 PE=1 SV=2	539,1998	234,4267	191,62	330,8733	139,8303	331,318	427,8446	482,9646
Q6P5H2	86	19	495,647	0,61693	1,868328	Nestin OS=Mus musculus OX=10090 GN=Nes PE=1 SV=1	3832,821	20609,49	4144,677	4968,333	5969,547	19753,43	4722,648	4670,016
Q6IR34;A2AIV3;F6SX81 A2APM2;A2APM1;A2APM3; A2APM4;A2APM5;E9QKM8; P15379;Q3U8S1;Q80X37	28	5	172,2232	0,617129	1,332742	G-protein-signaling modulator 1 OS=Mus musculus OX=10090 GN=Gpsm1 PE=1 SV=3	747,237	1849,969	1122,025	758,3977	624,1371	1367,099	957,3861	727,7578
Q9DB15	18	7	132,2081	0,617819	1,143203	CD44 antigen OS=Mus musculus OX=10090 GN=Cd44 PE=1 SV=1	143,9648	0	106,8473	77,02783	0	176,4542	319,749	184,6286
Q8K2V6	14	1	91,6087	0,618005	1,182722	39S ribosomal protein L12, mitochondrial OS=Mus musculus OX=10090 GN=Mrp12 PE=1 SV=2	2821,891	1737,588	3101,886	3817,997	3338,645	3911,384	2809,918	2793,412
Q91UZ1;V9GXQ9	33	3	196,5331	0,618192	1,129029	Importin-11 OS=Mus musculus OX=10090 GN=Ipo11 PE=1 SV=1	727,0178	390,4626	312,6187	1010,821	734,9157	12,58458	718,8731	597,4421
Q9WTX6;D3Z2H3;Q3TPM3	19	1	103,9349	0,618937	1,104639	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase OS=Mus musculus OX=10090 GN=Plcb4 PE=1 SV=1	642,544	28,71389	750,1426	605,4659	603,5884	563,1134	440,7313	425,9064
Q9Z130;D3YTQ3;F6VQH5	25	8	158,8527	0,619289	1,064531	Cullin-1 OS=Mus musculus OX=10090 GN=Cul1 PE=1 SV=1	1485,621	1266,592	1005,874	1347,109	1239,866	1031,044	1135,474	1328,323
Q6PDG5;A0A1W2P6N7 Q9WTQ5;A0A668KLD3;A0A668KLV9	54	2	323,4897	0,619891	5,166929	Heterogeneous nuclear ribonucleoprotein D-like OS=Mus musculus OX=10090 GN=Hnrnpdl PE=1 SV=1	12859,15	12814,95	11477,38	12417,79	13016,13	13102,27	10845,58	9600,431
Q99LD8;G3UZR0;O08972	16	4	116,5595	0,620341	1,121421	SWI/SNF complex subunit SMARCC2 OS=Mus musculus OX=10090 GN=Smarcc2 PE=1 SV=2	132,2162	65,33104	65,22331	50,35479	21,04409	627,9512	421,6319	547,2692
Q6S5L9	3	3	12,8538	0,620514	1,168757	A-kinase anchor protein 12 OS=Mus musculus OX=10090 GN=Akap12 PE=1 SV=1	12386,85	13408,86	6212,88	16280,35	16462,08	11512,07	13784,61	13106,33
D3Z125;D3Z637;D3Z7X7;E9PUA7;F8WHQ1;Q62393	9	1	45,672	0,620916	1,148104	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2 OS=Mus musculus OX=10090 GN=DDah2 PE=1 SV=1	2065,913	3177,44	1931,197	2226,877	1834,039	2317,521	2214,978	2016,961
						SHC-transforming protein 4 OS=Mus musculus OX=10090 GN=Shc4 PE=1 SV=1	546,0312	639,1817	511,0414	505,5626	532,2685	496,0963	799,2632	745,7601
						Tumor protein D52 (Fragment) OS=Mus musculus OX=10090 GN=Tpd52 PE=1 SV=1	2457,878	2475,077	2628,348	2245,261	3600,108	2556,973	2196,035	2905,841

P50404	3	2	12,7978	0,621563	1,358316	Pulmonary surfactant-associated protein D OS=Mus musculus OX=10090 GN=Sftpd PE=1 SV=1	896,5422	1562,89	472,9548	850,9995	533,1713	1018,076	774,9684	629,1357
Q9DCW4;AOA0N4SVE0;AO A0N4SWE9;AOA0U1RNK9; AOA0U1RNP5;AOA0U1RNR 3;AOA0U1RQB4	36	19	218,9345	0,621672	1,070276	Electron transfer flavoprotein subunit beta OS=Mus musculus OX=10090 GN=Etfb PE=1 SV=3	12067,77	12031,26	11630,07	12307,14	12517,85	13199,02	10147	9018,246
G3X8Y3;AOA0A6YW80;AO AOA6YX86;AOA0A6YXF4	16	1	91,5395	0,621873	2,001397	N-alpha-acetyltransferase 15, NatA auxiliary subunit OS=Mus musculus OX=10090 GN=Naa15 PE=1 SV=1	237,8816	226,7522	1255,636	179,9235	270,3056	148,0838	223,8308	342,3665
Q8R180;AOA2I3BPM1	32	10	198,0854	0,621967	1,098791	ERO1-like protein alpha OS=Mus musculus OX=10090 GN=Ero1a PE=1 SV=2	13588,31	11850,53	12166,47	13027,85	16636,51	15017,98	12651,62	11329,15
F8VPQ4;E9QN14;Q812A2	9	1	44,7575	0,622936	1,548362	SLIT-ROBO Rho GTPase-activating protein 3 OS=Mus musculus OX=10090 GN=Srgap3 PE=1 SV=1	89,9989	107,1642	220,9096	75,38367	44,83022	81,38034	279,0404	219,0398
Q91YR1	20	4	118,7833	0,623019	1,076299	Twinfilin-1 OS=Mus musculus OX=10090 GN=Twf1 PE=1 SV=2	4840,067	4880,062	5272,422	5774,964	5404,648	5645,371	5848,423	4360,011
F8VPU6	14	2	69,9833	0,623183	1,550517	Ubiquitinyl hydrolase 1 OS=Mus musculus OX=10090 GN=Usp9y PE=1 SV=1	1122,649	1089,937	2513,284	1313,538	1781,459	1013,822	1366,003	2296,441
Q9D880	20	6	146,0984	0,624615	1,191857	Mitochondrial import inner membrane translocase subunit TIM50 OS=Mus musculus OX=10090 GN=Timm50 PE=1 SV=1	11230,99	2067,911	11841,08	12472,21	10670,31	5620,418	11046,38	11004,66
P58069	3	2	25,3326	0,624685	1,123616	Ras GTPase-activating protein 2 OS=Mus musculus OX=10090 GN=Rasa2 PE=1 SV=2	481,1887	471,579	518,4708	415,9735	287,0241	640,6012	357,3478	394,6153
Q922R8;F7DBQ0;Q3TML0	56	19	333,2428	0,625908	1,192421	Protein disulfide-isomerase A6 OS=Mus musculus OX=10090 GN=Pdia6 PE=1 SV=3	13346,15	6003,487	11388,97	17054,47	12272,51	8056,23	10818,18	13643,67
Q8R323	15	2	83,7492	0,625927	1,217671	Replication factor C subunit 3 OS=Mus musculus OX=10090 GN=Rfc3 PE=1 SV=1	1004,229	2217,281	1752,362	1231,004	898,8338	1848,284	1339,757	1008,818
Q5SSK3;B7ZCA9	6	1	31,9559	0,626075	1,271565	Transcription elongation factor, mitochondrial OS=Mus musculus OX=10090 GN=Tefm PE=1 SV=1	79,3688	24,95483	130,7026	92,70567	0	18,11708	171,5053	68,11665
Q9CZC8	3	1	19,5822	0,626244	1,061434	Secernin-1 OS=Mus musculus OX=10090 GN=Scrn1 PE=1 SV=1	4206,771	4039,353	3968,44	4118,003	4412,368	4156,307	3372,704	3445,884
Q80X80;Q8CAA2	4	1	13,7501	0,626408	1,296968	Phospholipid transfer protein C2CD2L OS=Mus musculus OX=10090 GN=C2cd2l PE=1 SV=3	155,9232	346,975	288,8329	114,7	70,32126	118,0729	312,1742	260,207
A2ACM0;Q8K4Q0	2	2	9,5656	0,626469	1,139839	Regulatory-associated protein of mTOR OS=Mus musculus OX=10090 GN=Rptor PE=1 SV=1	1117,755	979,7636	801,347	1084,28	650,9336	885,2524	884,0975	1074,196
P07356;BOV2N5;BOV2N7; BOV2N8	31	10	244,7808	0,626852	1,276106	Annexin A2 OS=Mus musculus OX=10090 GN=Anxa2 PE=1 SV=2	9191,492	4318,698	10710,39	11104,11	8105,341	4923,282	7013,282	7639,718
Q9QUR7	9	3	60,5098	0,62698	1,095719	Peptidyl-prolyl cis-trans isomerase NIMA- interacting 1 OS=Mus musculus OX=10090 GN=Pin1 PE=1 SV=1	1561,312	1525,537	2231,016	1788,824	2041,815	1813,155	1865,661	1555,987



F6Y616;D3Z3J6;G3UYE5;G3UZ67;G3UZS6;Q8VE62	11	2	59,2434	0,633061	1,679637	Polyadenylate-binding protein-interacting protein 1 OS=Mus musculus OX=10090 GN=Paip1 PE=1 SV=2	2495,818	9813,715	1850,842	2540,316	3134,294	1837,447	2513,772	2457,523
Q8C129	16	3	102,7888	0,633154	1,181631	Leucyl-cystinyl aminopeptidase OS=Mus musculus OX=10090 GN=Lnpep PE=1 SV=1	1889,983	1279,152	3301,578	2424,322	1896,974	1991,715	1824,314	1821,844
F6U238;E9Q7L5	3	1	13,5877	0,633636	1,267713	Mastermind-like transcriptional coactivator 2 OS=Mus musculus OX=10090 GN=Maml2 PE=1 SV=2	960,3272	1330,307	1002,202	1292,875	1211,086	1819,037	1353,235	1061,766
Q80XN0;D3Z2Y8	25	8	184,9152	0,633897	1,104502	D-beta-hydroxybutyrate dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Bdh1 PE=1 SV=2	18795,53	15709,8	13317,87	19950,22	16040,95	16612,39	13353,57	15354,19
Q6NXY1;F6T4B0	10	2	53,4407	0,634039	1,185635	TBC1 domain family member 31 OS=Mus musculus OX=10090 GN=Tbc1d31 PE=1 SV=1	193,1556	102,2146	142,7158	111,7632	104,2688	163,6575	224,9866	159,0074
P34884	8	2	59,323	0,634078	1,174612	Macrophage migration inhibitory factor OS=Mus musculus OX=10090 GN=Mif PE=1 SV=2	2211,7	2238,018	3576,484	2575,067	4042,802	2043,546	3072,673	3293,361
P97311;Q3ULG5	64	13	447,4595	0,634412	1,050758	DNA replication licensing factor MCM6 OS=Mus musculus OX=10090 GN=Mcm6 PE=1 SV=1	10736,34	11359,28	11126,51	11388,09	12255,5	11647,04	11235,13	9394,534
Q61543;E9PWD8;F6RSH1;F8WHM5	59	15	354,2345	0,634577	1,330916	Golgi apparatus protein 1 OS=Mus musculus OX=10090 GN=Glg1 PE=1 SV=1	3954,792	4654,924	1939,227	4142,804	8271,972	4449,262	3820,699	3011,552
Q3UIZ8;D3YZQ0;D3Z630	8	2	42,3515	0,634714	1,133531	Myosin light chain kinase 3 OS=Mus musculus OX=10090 GN=Mylk3 PE=1 SV=1	753,8634	619,1689	566,1467	773,8671	571,0108	859,0971	876,509	768,704
Q8BRM2;A0A087WQ53	2	1	17,0854	0,635312	1,205683	RAB6-interacting golgin OS=Mus musculus OX=10090 GN=Gorab PE=1 SV=1	103,0887	146,1415	157,7509	53,10081	117,7863	160,9185	100,2615	166,524
Q99J77	8	2	62,4463	0,635321	1,100574	Sialic acid synthase OS=Mus musculus OX=10090 GN=Nans PE=1 SV=1	1773,843	1372,941	1784,268	1927,921	2321,412	1916,107	1477,493	1833,798
Q64691;A0A668KL63;A0A668KLF1	8	2	37,7958	0,635885	1,266852	Calpain-3 OS=Mus musculus OX=10090 GN=Capn3 PE=1 SV=2	3187,809	2732,034	330,785	5169,21	6443,383	2004,18	4030,811	1988,875
B1ATP9	2	1	18,6427	0,63636	1,187126	Zinc phosphodiesterase ELAC protein 2 (Fragment) OS=Mus musculus OX=10090 GN=Elac2 PE=1 SV=8	649,4204	723,6115	661,4746	679,8012	909,7178	335,4265	757,0675	558,6493
Q9EPU4;A0A2R8VK76	17	4	93,8456	0,636371	1,21089	Cleavage and polyadenylation specificity factor subunit 1 OS=Mus musculus OX=10090 GN=Cpsf1 PE=1 SV=1	452,2191	350,3751	766,0985	820,7386	682,2919	1098,463	482,3645	518,8362
A0A0G2JES3;A0A0G2JFQ3;A0A140T8T4;D3YZT0;D3Z629;P51410	25	7	177,2583	0,636402	1,085169	60S ribosomal protein L9 (Fragment) OS=Mus musculus OX=10090 GN=Rpl9 PE=1 SV=1	9938,048	8486,527	8194,618	9580,488	8632,299	8238,684	8588,225	9111,959
D3YZ09;Q9CY66	14	5	72,2616	0,637178	1,103924	H/ACA ribonucleoprotein complex subunit (Fragment) OS=Mus musculus OX=10090 GN=Gar1 PE=1 SV=1	762,6555	346,6823	646,23	552,0578	685,096	658,0706	559,4129	644,863
Q5DTV4	4	1	18,3495	0,637498	5,794351	Probable ribonuclease ZC3H12C OS=Mus musculus OX=10090 GN=Zc3h12c PE=1 SV=2	43,79309	182,6908	1305,047	32,94	38,22244	247,819	116,3261	109,3825

Q9R0N0	12	3	74,113	0,63807	1,075001	Galactokinase OS=Mus musculus OX=10090 GN=Galk1 PE=1 SV=2	2210,842	2222,227	2632,998	2731,074	2067,061	2578,461	2004,885	2463,203
						V-type proton ATPase subunit B, brain isoform								
P62814	39	6	299,177	0,638545	1,058463	OS=Mus musculus OX=10090 GN=Atp6v1b2 PE=1 SV=1	7285,007	7285,754	6921,037	7885,482	8465,823	7608,906	6838,374	6675,273
A0A286YD65	7	1	34,9543	0,639087	1,148482	Protein FAM217A OS=Mus musculus OX=10090 GN=Fam217a PE=4 SV=1	11756,02	10389,77	9312,472	13280,77	10901,3	16510,35	11865,59	12104,73
E9PW13;G3UW40	5	1	32,8922	0,639587	1,162714	Mutated in colorectal cancers OS=Mus musculus OX=10090 GN=Mcc PE=1 SV=1	2635,017	2885,478	1529,083	2587,398	2132,278	1843,875	1865,13	2447,061
						Sterile alpha motif domain-containing protein								
F6XZJ7;H9H9T8	6	1	22,4562	0,640825	1,454601	15 OS=Mus musculus OX=10090 GN=Samd15 PE=4 SV=2	361,2874	255,1643	448,664	503,7275	73,172	544,6707	552,5579	562,984
P70206	6	3	35,2794	0,641024	1,095126	Plexin-A1 OS=Mus musculus OX=10090 GN=Plxna1 PE=1 SV=1	1463,406	1259,004	1094,236	1613,429	1379,284	1176,295	1057,216	1345,608
Q8CFX3;E0CXD4	23	1	130,2412	0,641111	1,221317	Protocadherin 1 OS=Mus musculus OX=10090 GN=Pcdh1 PE=1 SV=1	1763,496	1150,831	3189,159	3272,947	2809,769	3382,749	2265,043	2214,41
						Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating OS=Mus musculus OX=10090 GN=Nsdhl PE=1 SV=1								
Q9R1J0	16	3	123,9059	0,642788	1,204009	Prosaposin OS=Mus musculus OX=10090 GN=Psap PE=1 SV=1	3587,976	2883,268	2082,663	4326,698	3089,513	3287,452	2148,361	2172,77
E9PZ00;J3QPG5;K3W4L3; Q8BFQ1	22	1	144,8667	0,643383	1,933714	Dnal homolog subfamily C member 11	64,25116	22,35912	16,94673	152,7839	9,562137	17,39488	62,71384	42,89312
						OS=Mus musculus OX=10090 GN=Dnajc11 PE=1 SV=2								
Q5U458;A2A8D1;E9Q8B3	22	2	110,1864	0,643746	2,588287	Coatmer subunit beta' OS=Mus musculus OX=10090 GN=Copb2 PE=1 SV=2	162,7446	284,8433	93,60011	15,31842	42,85399	53,15641	123,653	143,9967
O55029	58	9	381,6986	0,644168	1,130432	40S ribosomal protein S15 OS=Mus musculus OX=10090 GN=Rps15 PE=1 SV=2	8854,23	4613,178	8641,87	9631,955	7490,539	9125,808	7821,991	8500,338
P62843;D3YTQ9	13	5	79,6671	0,644434	1,122548	Cytoplasmic aconitate hydratase OS=Mus musculus OX=10090 GN=Aco1 PE=1 SV=3	2841,832	1236,031	1166,624	1800,292	1816,829	1654,344	1617,321	2062,666
P28271	44	6	265,3131	0,64448	1,300554	Trafficking protein particle complex 8 OS=Mus musculus OX=10090 GN=Trappc8 PE=1 SV=2	13205,09	2801,473	12129,5	14000,64	16944,31	5053,116	16641,6	16162,05
A0A286YCX6	10	2	51,0861	0,644888	1,094324	Transformer-2 protein homolog alpha OS=Mus musculus OX=10090 GN=Tra2a PE=1 SV=1	1909,791	1906,058	1551,473	2366,166	2191,836	1858,617	1646,366	2204,02
A0A0N4SVC2;E9QP00;Q6P FR5	15	5	97,1865	0,645179	1,173835	CCAAT/enhancer-binding protein zeta OS=Mus musculus OX=10090 GN=Cebpz PE=1 SV=2	956,7404	840,7914	501,394	740,1462	693,3344	716,6127	654,0702	612,8534
P53569;A0A0R4J046;A0A3 B2WCE8	31	7	185,3443	0,645515	1,147577	Golgi integral membrane protein 4 OS=Mus musculus OX=10090 GN=Golim4 PE=1 SV=1	429,1135	684,942	452,1826	474,8402	428,3675	709,9558	530,1453	487,9427
D3YVW2;Q8BXA1	19	6	117,8764	0,646197	1,5285	Protein dpy-30 homolog OS=Mus musculus OX=10090 GN=Dpy30 PE=1 SV=1	810,2805	2376,006	657,0376	647,0892	789,422	513,3916	769,2638	865,7138
Q99LTO	5	1	39,515	0,646609	1,423714		8167,598	3239,01	1904,819	9730,278	4787,27	4573,069	4944,586	7747,967

Q3UX62;A0A1B0GR16	10	1	54,1357	0,646712	1,194602	Outer dynein arm-docking complex subunit 1 OS=Mus musculus OX=10090 GN=Odad1 PE=2 SV=1	766,5875	466,9785	350,9302	399,3613	304,9867	635,2323	452,4295	358,8078
A2AIR9;A2AIR7;A2AIS0;A2AIZ9;O55017	8	2	43,7324	0,646856	1,11896	Voltage-dependent N-type calcium channel subunit alpha OS=Mus musculus OX=10090 GN=Cacna1b PE=1 SV=1	6503,7	5797,798	169,503	8091,379	3282,042	4900,272	6170,473	5095,276
Q80U72	37	4	186,8537	0,646951	1,204681	Protein scribble homolog OS=Mus musculus OX=10090 GN=Scrib PE=1 SV=2	875,5365	1157,742	943,8166	1030,442	883,412	1719,952	837,4528	1095,13
O88935	25	4	153,6425	0,647413	1,706003	Synapsin-1 OS=Mus musculus OX=10090 GN=Syn1 PE=1 SV=2	4831,857	1164,812	3178,554	2341,621	1241,925	3932,343	2798,849	2442,613
Q9CXI5;F6T4L3;F6USD5;F7C1S6;Q3TMX5;Q80ZP8	19	4	139,4869	0,647499	1,146437	Mesencephalic astrocyte-derived neurotrophic factor OS=Mus musculus OX=10090 GN=Manf PE=1 SV=1	3900,358	631,5987	2397,335	3660,055	3185,473	2576,583	2471,825	2516,597
P26883;F6X9I3	12	6	65,9849	0,647827	1,199197	Peptidyl-prolyl cis-trans isomerase FKBP1A OS=Mus musculus OX=10090 GN=Fkbp1a PE=1 SV=2	1789,466	3391,982	2740,998	1686,883	2688,891	1786,519	1834,174	1793,199
Q6A070;A0A1Y7VLS3	7	3	35,1766	0,648421	1,54005	TOG array regulator of axonemal microtubules protein 1 OS=Mus musculus OX=10090 GN=Togaram1 PE=1 SV=3	82,82602	327,5302	278,2732	25,68913	74,84955	220,3144	114,7102	88,51772
Q9JMK2	9	1	50,0157	0,649273	1,167588	Casein kinase I isoform epsilon OS=Mus musculus OX=10090 GN=Csnk1e PE=1 SV=2	281,7286	426,9828	372,1597	564,5471	409,9128	358,6814	396,4194	361,5335
Q6DID3;A0A338P6R5	4	1	21,6429	0,649785	1,156334	SR-related and CTD-associated factor 8 OS=Mus musculus OX=10090 GN=Scaf8 PE=1 SV=1	2299,689	1943,732	2438,784	1896,907	2626,436	2156,297	3287,681	1849,905
Q9DAW9;A0A0G2JDV8;A0A0G2JFC8;A0A0G2JFG3;A0A0G2JFI6	24	9	177,421	0,649857	1,091509	Calponin-3 OS=Mus musculus OX=10090 GN=Cnn3 PE=1 SV=1	5519,6	4139,035	4074,948	6098,674	5783,036	4484,283	6035,836	5343,927
O88286;A0A494BAG6;G5E8J8	53	7	300,9762	0,650023	1,136699	Protein Wiz OS=Mus musculus OX=10090 GN=Wiz PE=1 SV=2	1793,249	1540,509	2039,786	2457,629	1620,021	2276,508	1673,876	1432,133
Q6NS46	87	15	522,9136	0,650581	1,082304	Protein RRP5 homolog OS=Mus musculus OX=10090 GN=Pdcd11 PE=1 SV=2	7525,352	6320,337	5851,481	8175,801	6591,61	7167,777	6305,555	5688,433
P12382;A0A1W2P7T1	37	10	239,2398	0,650611	1,110269	ATP-dependent 6-phosphofructokinase, liver type OS=Mus musculus OX=10090 GN=Pfkl PE=1 SV=4	7046,116	9129,972	5887,607	8411,949	8234,324	6599,17	7401,26	5812,91
Q9CWP6;B1AU74	2	1	9,5145	0,650639	1,515079	Motile sperm domain-containing protein 2 OS=Mus musculus OX=10090 GN=Mospd2 PE=1 SV=2	13,15294	18,11295	59,64751	33,06312	38,13581	0	48,47465	85,00354
P97822;E9PZF5;E9QOX5;E9Q5H2	12	3	90,8975	0,650761	1,216598	Acidic leucine-rich nuclear phosphoprotein 32 family member E OS=Mus musculus OX=10090 GN=Anp32e PE=1 SV=2	1206,289	719,8681	2150,372	1506,679	1958,934	698,1177	1885,733	1637,938
P50580	38	9	240,8442	0,651232	1,105247	Proliferation-associated protein 2G4 OS=Mus musculus OX=10090 GN=Pa2g4 PE=1 SV=3	9345,201	7028,413	10605,01	11576,62	9780,905	11420,92	10648,01	9066,588



Q9WVA3;A0A140LHA2;A0A140LI47;A0A140LIM5;A0A140LJ21	12	2	98,3055	0,651293	3,312071	Mitotic checkpoint protein BUB3 OS=Mus musculus OX=10090 GN=Bub3 PE=1 SV=2	161,683	145,9835	126,3192	196,873	83,56334	1207,449	83,27471	132,1714
Q9DCH4 B2RRD7;A0A0N4SUT9;A0A0N4SVG7;E9PXP1;Q3U109;Q80XK2	19	6	132,8112	0,651781	1,109351	Eukaryotic translation initiation factor 3 subunit F OS=Mus musculus OX=10090 GN=Eif3f PE=1 SV=2	6610,936	5529,222	6416,42	7847,079	8279,567	7558,467	6319,445	5583,836
Q62234	6	1	27,3982	0,652397	1,103748	Myomesin-1 OS=Mus musculus OX=10090 GN=Myom1 PE=1 SV=2	6107,526	5995,194	5744,938	6433,66	7511,422	7985,507	5673,489	5630,028
Q99LP6	25	7	169,364	0,653053	1,108626	GrpE protein homolog 1, mitochondrial OS=Mus musculus OX=10090 GN=Grpel1 PE=1 SV=1	11136,37	8742,796	9204,557	12449,54	12016,34	9681,484	8154,423	8063,824
Q9WTP6;F7BP55	31	10	211,9388	0,653584	1,060953	Adenylate kinase 2, mitochondrial OS=Mus musculus OX=10090 GN=Ak2 PE=1 SV=5	35780,86	34826,62	30258,56	34323,94	36749,8	34470,61	29150,56	27052,16
P35486	38	12	186,4502	0,654721	1,078106	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial OS=Mus musculus OX=10090 GN=Pdha1 PE=1 SV=1	14083,47	11950,38	9933,611	13857,54	13851,61	12763,4	12183,9	10774,86
Q80X68 A0A1L1SSL9;E9QPK4;Q9JKK8	36	2	197,8079	0,654954	1,184934	Citrate synthase OS=Mus musculus OX=10090 GN=Csl PE=1 SV=1	2289,495	2634,67	2288,838	2665,109	4602,911	2593,999	2157,288	2309,585
Q8BPZ8	78	10	466,7411	0,655026	1,130657	Serine/threonine-protein kinase ATR OS=Mus musculus OX=10090 GN=Atr PE=1 SV=1	5138,134	5214,113	2907,842	4130,862	3735,888	4276,157	4000,984	3368,25
O70318;A0A1W2P6I5;A0A1W2P7I2;A0A1W2P7I4;Q80UE4;Q80UE5;Q8C928	7	2	27,9438	0,655563	1,2329	BRCA1-A complex subunit Abraxas 1 OS=Mus musculus OX=10090 GN=Abraxas1 PE=1 SV=1	706,9783	511,6712	445,5516	1234,188	557,0353	286,899	794,4967	833,3353
P63168;Q80Z57	72	13	495,9732	0,655883	1,337653	Band 4.1-like protein 2 OS=Mus musculus OX=10090 GN=Epb41I2 PE=1 SV=2	3354,793	2312,899	6018,648	2951,656	2243,625	5817,751	2497,517	2302,959
Q61576;A2A4H9	7	2	65,2549	0,656273	1,065627	Dynein light chain 1, cytoplasmic OS=Mus musculus OX=10090 GN=Dynll1 PE=1 SV=1	13184,34	11559,66	10369,1	12261,64	13564,16	12242,97	12408,65	12268,02
Q6PCN3;A0A286YDE4	12	2	80,4793	0,656362	1,112953	Peptidyl-prolyl cis-trans isomerase FKBP10 OS=Mus musculus OX=10090 GN=Fkbp10 PE=1 SV=2	8121,407	6154,752	6447,308	7797,718	8287,488	6823,613	7084,046	5242,66
Q3UVK0;F6TQS9;G8JL46	3	1	19,9927	0,657566	1,103272	Tau-tubulin kinase 1 OS=Mus musculus OX=10090 GN=Ttbk1 PE=1 SV=3	1730,691	1848,225	2119,45	1474,485	1251,432	1904,447	1695,704	1649,852
Q8C5Q4;E9Q179	14	2	73,0503	0,657734	1,210324	Endoplasmic reticulum metalloproteinase 1 OS=Mus musculus OX=10090 GN=Ermp1 PE=1 SV=2	844,8083	610,8959	195,0048	362,8394	410,776	900,3061	498,4433	627,5214
	19	1	116,9433	0,657791	1,909156	G-rich sequence factor 1 OS=Mus musculus OX=10090 GN=Grsf1 PE=1 SV=2	66,17432	74,99597	48,62572	7,720935	160,7091	36,22045	20,3467	77,17999

A0A494BBL4	6	1	33,5719	0,658223	1,194192	Ferrochelatase, mitochondrial (Fragment) OS=Mus musculus OX=10090 GN=Fech PE=1 SV=1	243,0763	88,97495	653,9342	326,5222	347,0206	274,634	407,3626	502,0354
Q6PCM2	7	1	30,7607	0,658845	1,079879	Integrator complex subunit 6 OS=Mus musculus OX=10090 GN=Ints6 PE=1 SV=1	1460,721	1195,494	1248,343	1389,368	1495,99	1390,014	1057,565	1074,86
Q61985;A2A6D2	2	1	9,6668	0,659225	1,386708	Endoplasmic reticulum membrane sensor NFE2L1 OS=Mus musculus OX=10090 GN=Nfe2l1 PE=1 SV=2	1754,556	1208,036	1074,108	1372,551	440,9686	1619,552	1561,289	2098,336
P59672	4	2	19,4387	0,659229	1,933582	Ankyrin repeat and SAM domain-containing protein 1A OS=Mus musculus OX=10090 GN=Anks1a PE=1 SV=3	5403,884	20784,89	2199,31	6826,507	5174,905	2616,43	4849,942	5570,825
P11438	20	6	119,4615	0,659967	1,066831	Lysosome-associated membrane glycoprotein 1 OS=Mus musculus OX=10090 GN=Lamp1 PE=1 SV=2	1337,694	1276,271	1266,673	1454,367	1005,884	1337,895	1486,427	1328,546
Q922K7;A0A0N4SW16;E9QN31	39	12	295,1313	0,660453	1,090724	Probable 28S rRNA (cytosine-C(5))-methyltransferase OS=Mus musculus OX=10090 GN=Nop2 PE=1 SV=1	13677,88	10963,19	11279,4	13156,81	13061,85	13056,16	10080,94	8796,2
Q8C863	11	1	50,4085	0,660557	1,259214	E3 ubiquitin-protein ligase Itchy OS=Mus musculus OX=10090 GN=Itch PE=1 SV=2	2142,234	4056,59	4298,373	2500,665	4724,604	4096,109	2291,351	2268,277
Q8C7R4;D3Z061	17	1	112,5056	0,660944	1,195569	Ubiquitin-like modifier-activating enzyme 6 OS=Mus musculus OX=10090 GN=Uba6 PE=1 SV=1	813,9621	845,518	427,451	1002,158	890,5616	1316,652	821,415	664,5888
Q80Y17	2	1	9,3973	0,662603	1,139951	Lethal(2) giant larvae protein homolog 1 OS=Mus musculus OX=10090 GN=Llg1 PE=1 SV=1	2077,646	2711,606	2430,066	2246,025	3842,156	2355,914	2455,555	2136,402
A2AJ96	4	1	17,2899	0,663272	1,215426	NMDA receptor synaptonuclear-signaling and neuronal migration factor OS=Mus musculus OX=10090 GN=Nsmf PE=1 SV=1	208,9826	253,1967	306,8131	192,66	124,8572	137,4085	260,5704	268,3701
Q3V1H1	6	2	32,723	0,663916	1,308937	Cytoskeleton-associated protein 2 OS=Mus musculus OX=10090 GN=Ckap2 PE=1 SV=1	438,3141	407,9254	341,8996	330,5857	615,5444	273,5289	457,462	302,8454
Q8R3C6;A0A0J9YUT8	21	1	121,6221	0,664208	1,189588	Probable RNA-binding protein 19 OS=Mus musculus OX=10090 GN=Rbm19 PE=1 SV=1	1349,854	2416,233	1131,096	1692,567	1771,757	2188,609	1562,85	1195,794
Q80U70;E9PW15	5	1	27,8775	0,664589	1,1073	Polycomb protein Suz12 OS=Mus musculus OX=10090 GN=Suz12 PE=1 SV=2	737,063	875,6169	698,8732	976,6028	643,8884	843,9796	882,7347	598,9227
Q8VC85	3	1	20,9594	0,664778	1,117516	U6 snRNA-associated Sm-like protein LSm1 OS=Mus musculus OX=10090 GN=Lsm1 PE=1 SV=1	309,2518	463,9029	539,2139	317,0846	558,1238	489,0652	386,6271	387,1234
P10518	25	11	168,8029	0,665026	1,087323	Delta-aminolevulinic acid dehydratase OS=Mus musculus OX=10090 GN=Alad PE=1 SV=1	3837,04	3280,598	3583,358	4588,615	4524,193	4091,251	4071,578	3937,723
P12961	8	4	32,0568	0,666468	1,332743	Neuroendocrine protein 7B2 OS=Mus musculus OX=10090 GN=Scg5 PE=1 SV=1	573,7029	492,9746	383,5584	465,8248	412,1151	538,0858	438,7463	678,1525
A0A0J9YUD5;B9EJ54;E9Q880	82	16	570,0602	0,666845	1,145161	Nucleoporin 205 OS=Mus musculus OX=10090 GN=Nup205 PE=1 SV=1	10771,29	6089,439	9430,537	14395,42	13257,22	10398,28	10697,94	9950,024

Q148R4	3	2	13,57	0,667841	2,333657	Serine peptidase inhibitor, Kazal type 5 OS=Mus musculus OX=10090 GN=Spink5 PE=1 SV=1	41,58767	66,20085	11,34767	21,91476	0	204,5409	69,64238	54,98122
A2AWA9;A2AWA7	11	1	54,7525	0,668005	1,246559	Rab GTPase-activating protein 1 OS=Mus musculus OX=10090 GN=Rabgap1 PE=1 SV=1	325,1004	744,4509	504,4562	659,5362	408,7525	158,7133	859,9334	629,1953
A0A571BEI2	5	1	24,0811	0,668381	2,442234	AP2-associated protein kinase 1 (Fragment) OS=Mus musculus OX=10090 GN=Aak1 PE=1 SV=1	253,8223	0	90,18257	128,0846	34,18846	82,67789	24,31664	52,11932
Q9CX34	22	4	136,3983	0,668604	1,068715	Protein SGT1 homolog OS=Mus musculus OX=10090 GN=Sugt1 PE=1 SV=3	693,6523	630,098	814,537	853,5125	675,6832	658,5354	839,8899	851,9329
Q9DC69;A0A0R3P9C8	30	9	233,1705	0,669697	1,160016	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial OS=Mus musculus OX=10090 GN=Ndufa9 PE=1 SV=2	5226,872	3623,993	3276,491	5994,813	4726,642	3905,955	3492,406	4031,383
Q99MX1	3	1	14,8368	0,670862	1,114402	Ubiquitin carboxyl-terminal hydrolase 26 OS=Mus musculus OX=10090 GN=Usp26 PE=1 SV=2	4165,128	3902,77	3756,119	5299,86	3591,749	4660,974	5051,901	5483,29
P61460;E9QAT3;Q6GQV2	32	4	147,8099	0,671214	1,212724	GATOR complex protein DEPDC5 OS=Mus musculus OX=10090 GN=Depdc5 PE=1 SV=2	1462,494	2566,859	1018,924	1451,124	1445,287	1427,36	1238,994	1335,974
P00493	20	2	141,0332	0,671635	1,227998	Hypoxanthine-guanine phosphoribosyltransferase OS=Mus musculus OX=10090 GN=Hprt1 PE=1 SV=3	1803,854	3419,326	470,004	2233,52	2343,297	2928,41	2106,537	1693,365
P10852;A0A0U1RP32;A0A0U1RP98;A0A0U1RPG5;A0A0U1RPK4;A0A0U1RPL8;A0A0U1RPQ7	57	22	344,3032	0,672097	1,064658	4F2 cell-surface antigen heavy chain OS=Mus musculus OX=10090 GN=Slc3a2 PE=1 SV=1	35410,77	32305,22	29020,92	36832,39	35478,18	35878,53	29892,57	27208,84
A0A087WQ31;A0A087WNW8;A0A087WP42;A0A087WQ95;A0A087WQF1;A0A087WRE8;A0A087WRK0;A0A087WS18;A0A0A6YXZ1;A0A0N4SUT7;E9Q6L0;E9QKH0;E9QNY9;J3QP81	32	2	184,8479	0,672705	1,215601	CLIP-associating protein 1 OS=Mus musculus OX=10090 GN=Clasp1 PE=1 SV=1	9488,574	4274,098	11773,22	13932,14	15459,08	6443,425	12920,12	13154,73
O08688	13	2	71,5563	0,672818	1,100072	Calpain-5 OS=Mus musculus OX=10090 GN=Capn5 PE=1 SV=1	718,8323	767,0057	576,8217	982,1727	790,9083	777,9216	832,5424	598,7787
Q8VH51;B7ZD61;B7ZD63;E9Q8F0;F7AA45	29	7	222,7865	0,673151	1,084414	RNA-binding protein 39 OS=Mus musculus OX=10090 GN=Rbm39 PE=1 SV=2	6445,325	5476,519	5617,99	7066,448	7117,782	7841,633	5270,663	5831,655
Q6JHY2	6	1	25,2835	0,673757	2,039947	Submandibular gland protein C OS=Mus musculus OX=10090 GN=Muc19 PE=1 SV=1	433,0008	69,94989	40,32355	746,1682	2204,668	208,5017	95,56576	121,6587
Q8BR86;A0A087WNNM9;A0A087WPC0;G5E8B6	15	2	84,4774	0,674552	1,353236	Kin of IRRE-like protein 3 OS=Mus musculus OX=10090 GN=Kirrel3 PE=1 SV=1	111,1088	164,9408	233,9626	39,71226	132,5385	79,68949	175,1683	140,0956
Q91V61;Q3U4F0	8	1	49,1855	0,674652	1,102841	Sideroflexin-3 OS=Mus musculus OX=10090 GN=Sfxn3 PE=1 SV=1	596,487	241,2224	488,2536	467,8801	569,7199	508,9732	468,9662	430,6643

A0JNY3;Q8BUV3	1	1	5,408	0,674906	1,12123	Gephyrin OS=Mus musculus OX=10090 GN=Gphn PE=1 SV=1	4718,726	4069,755	4709,322	5698,484	7125,044	4777,811	5445,745	4174,852
Q9R0L6	24	4	133,0059	0,675043	1,13352	Pericentriolar material 1 protein OS=Mus musculus OX=10090 GN=Pcm1 PE=1 SV=2	6421,034	9142,109	3582,716	6699,198	7576,506	4868,778	6172,152	6958,319
P26043;A0A5F8MPB9;Q7T SG6	54	6	365,5013	0,675179	1,064675	Radixin OS=Mus musculus OX=10090 GN=Rdx PE=1 SV=3	8626,16	8327,866	10064,3	9115,726	10809,33	9155,249	8170,349	8766,6
Q9CZH7;Q9D1T2	2	1	17,9275	0,675257	3,419204	Matrix-remodeling-associated protein 7 OS=Mus musculus OX=10090 GN=Mxra7 PE=1 SV=2	309,9186	130,0581	2789,899	212,6486	283,4977	2641,533	238,5495	266,4651
Q9CQ43	7	1	52,0385	0,675601	10,56378	Deoxyuridine 5'-triphosphate nucleotidohydrolase OS=Mus musculus OX=10090 GN=Dut PE=1 SV=1	79,42881	3513,886	59,57554	53,82047	33,48455	62,81537	127,1698	127,4191
P58389;A2AWE9;A2AWFO ;B7ZDE0	15	5	104,779	0,675874	1,073863	Serine/threonine-protein phosphatase 2A activator OS=Mus musculus OX=10090 GN=Ptpa PE=1 SV=1	6835,52	7438,396	7484,524	6300,226	7142,906	6982,091	7336,228	7185,122
Q59J78;A0A286YE75	17	5	133,3789	0,676363	1,306446	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 2 OS=Mus musculus OX=10090 GN=Ndufaf2 PE=1 SV=1	6327,593	11127,77	3511,132	5875,153	5596,508	7159,162	5494,404	4657,875
W4VSN9	13	1	67,748	0,676787	10,54936	Reproductive homeobox 2D OS=Mus musculus OX=10090 GN=Rhox2d PE=1 SV=1	724,6244	3742,675	13,11425	297,9668	219,8425	5264,733	150,3015	111,6688
Q9QYC1;A0A1Y7VJ77;A0A 1Y7VKR5	9	1	37,854	0,677226	4,307898	Pecanex-like protein 1 OS=Mus musculus OX=10090 GN=Pcnx1 PE=1 SV=3	42,93267	411,9093	199,254	136,4521	0	731,5497	156,5922	94,02985
Q1HFZ0;H3BJF3;H3BKNO P26039;A2AIM2;F6S1V7;F 6SX70	64	17	498,8592	0,67769	1,646095	RNA cytosine C(5)-methyltransferase NSUN2 OS=Mus musculus OX=10090 GN=Nsun2 PE=1 SV=2	5617,842	22015,96	5285,618	4836,333	8116,322	5539,871	6110,743	5843,985
P31230;A0A0G2JDH0;A0A 0G2JDW6;A0A0G2JEU9;Q 3UZG4	147	38	1050,481	0,677704	1,272966	Talin-1 OS=Mus musculus OX=10090 GN=Tln1 PE=1 SV=2	23848,46	8929,408	12087,09	27484,43	32033,81	25929,75	12926,31	11968,41
A2A5N3	29	1	189,7829	0,678747	1,082342	Aminoacyl tRNA synthase complex-interacting multifunctional protein 1 OS=Mus musculus OX=10090 GN=Aimp1 PE=1 SV=2	8973,662	8174,074	8423,56	9521,44	9893,112	9042,333	8917,271	8537,643
P97329	3	1	13,6452	0,679423	1,082351	Polyadenylate-binding protein OS=Mus musculus OX=10090 GN=Pabpc1I PE=2 SV=1	342,3933	351,9391	308,7643	340,8482	414,6135	253,9274	256,5478	316,6125
G5E829;A0A1W2P6X7;A0 A1W2P772;A0A1W2P7C7; A0A1W2P7R3;A0A1W2P8 67;A0A1W2P882	64	11	435,3564	0,679636	1,120058	Kinesin-like protein KIF20A OS=Mus musculus OX=10090 GN=Kif20a PE=1 SV=1	1848,741	2170,721	2423,296	1884,03	2190,155	2690,51	1892,717	2239,122
Q6NZJ6;A0A0J9YUC1;A0A 0J9YUS5;A0A0J9YVC1;E9P VCS;E9PVC6;E9Q770;E9Q9 E1	80	28	515,363	0,680301	1,153598	Plasma membrane calcium-transporting ATPase 1 OS=Mus musculus OX=10090 GN=Atp2b1 PE=1 SV=1	4208,643	2835,14	1529,553	2934,611	2423,967	4020,949	3123,528	3153,018
						Eukaryotic translation initiation factor 4 gamma 1 OS=Mus musculus OX=10090 GN=Eif4g1 PE=1 SV=1	9105,051	8769,338	4834,525	9621,39	12322,5	6130,687	9792,991	9050

Q91VL8	7	2	50,2749	0,680526	1,290098	Telomeric repeat-binding factor 2-interacting protein 1 OS=Mus musculus OX=10090 GN=Terf2ip PE=1 SV=1	819,4002	389,2594	237,3173	839,9108	685,5873	200,5211	548,9207	702,602
Q61474;A0A0J9YU67;F8WJA5	9	1	61,1458	0,680707	1,230172	RNA-binding protein Musashi homolog 1 OS=Mus musculus OX=10090 GN=Msi1 PE=1 SV=1	290,7792	392,0197	583,8895	272,5638	45,23806	348,2124	386,9089	470,8899
Q8C570;A2ASC6	17	1	114,2949	0,681003	1,162694	mRNA export factor OS=Mus musculus OX=10090 GN=Rae1 PE=1 SV=1	862,6273	675,7474	1421,407	1108,736	1019,112	669,5621	1162,467	1014,126
Q9Z0V7	2	1	11,7294	0,681571	1,159156	Mitochondrial import inner membrane translocase subunit Tim17-B OS=Mus musculus OX=10090 GN=Timm17b PE=1 SV=1	957,6088	9,737704	1266,067	763,6662	529,0101	632,7178	620,7456	803,098
G3X9B1;A0A1Y7VNI1	64	10	365,157	0,681706	1,111359	HEAT repeat-containing protein 1 OS=Mus musculus OX=10090 GN=Heatr1 PE=1 SV=1	13963,53	9332,627	10751,71	15139,66	16725,33	13430,46	13492,44	11016,78
Q9D2R0	7	2	33,176	0,681805	1,057294	Acetoacetyl-CoA synthetase OS=Mus musculus OX=10090 GN=Aacs PE=1 SV=1	1561,735	1442,185	1461,346	1823,967	1791,168	1487,304	1634,958	1736,142
O89091;A0A2I3BRS7	7	2	33,4421	0,682653	1,15993	Krueppel-like factor 10 OS=Mus musculus OX=10090 GN=Klf10 PE=1 SV=1	330,6316	287,3735	360,7227	374,2507	546,21	142,355	265,8437	267,1586
A0A1L1SSF2;Q3UDS7;Q8V DL4	14	5	94,668	0,683813	1,096986	ADP-dependent glucokinase OS=Mus musculus OX=10090 GN=Adpgk PE=1 SV=1	1931,164	1111,751	1161,57	1736,422	1662,203	1207,626	1585,369	1586,671
Q80XR5;A0A140LJK3;P26369;Q3KQMA	18	7	150,1462	0,683916	1,127144	Splicing factor U2AF subunit OS=Mus musculus OX=10090 GN=U2af2 PE=1 SV=1	9390,034	8872,286	10537,18	9200,025	13172,34	9428,083	6473,347	6629,978
Q62383	11	2	43,4947	0,684096	1,580055	Transcription elongation factor SPT6 OS=Mus musculus OX=10090 GN=Supt6h PE=1 SV=2	2673,503	2667,117	570,914	1357,361	5079,064	2584,325	1564,646	1048,491
Q8BH24	18	3	104,5723	0,685061	1,168795	Transmembrane 9 superfamily member 4 OS=Mus musculus OX=10090 GN=Tm9sf4 PE=1 SV=1	3084,041	4928,003	2517,788	3972,915	3641,919	3479,417	2723,999	2562,955
O55135;A6PWZ2;B1AZQ4;D6RG53;D6RJJ3	11	5	105,4722	0,685698	1,083259	Eukaryotic translation initiation factor 6 OS=Mus musculus OX=10090 GN=Eif6 PE=1 SV=2	3362,06	2262,961	3332,804	2791,036	2689,451	2715,426	2748,165	2805,157
P45952;D6RFD7	9	2	48,0091	0,68589	1,075897	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Acadm PE=1 SV=1	16301,03	11701,21	11714,77	13606,3	15379,53	13200,9	12680,7	13418,31
E9Q642;F6ZDY5;Q8BN58	3	2	14,1882	0,686864	1,129289	Rho GTPase-activating protein 28 OS=Mus musculus OX=10090 GN=Arhgap28 PE=1 SV=1	420,5842	159,0742	426,1681	379,251	431,5326	431,6845	301,1509	399,7847
P62900;A0A0A6YX26;A0A0A6YXL3	30	17	100,2701	0,687382	1,055178	60S ribosomal protein L31 OS=Mus musculus OX=10090 GN=Rpl31 PE=1 SV=1	5093,93	6324,967	6505,681	5711,923	6569,323	6828,96	5613,41	5865,7
Q05512;A0A0R4JOB1;A0A0R4J227;E9PYX3;E9Q9N6;E9QMP6;F6UY70;F6ZEX4;F6ZS70;F7CVZ7;Q3T9A3	17	2	84,7153	0,687433	2,459503	Serine/threonine-protein kinase MARK2 OS=Mus musculus OX=10090 GN=Mark2 PE=1 SV=3	1370,152	8020,266	713,9797	923,31	1396,215	1369,249	901,4662	816,7844

J3QQ14	1	1	4,0513	0,687607	1,429468	Predicted gene 4791 OS=Mus musculus OX=10090 GN=Gm4791 PE=4 SV=1	2288,394	959,3088	1541,089	3564,35	792,6969	962,1146	2671,343	2235,262
Q99MT2;A0A087WQG8;A O0A087WQNO	5	1	37,1809	0,687678	1,370048	MutS protein homolog 4 OS=Mus musculus OX=10090 GN=Msh4 PE=2 SV=1	2124,959	347,602	1954,079	2290,632	2801,503	502,9561	2994,498	2904,031
Q62465	29	15	181,6456	0,688543	1,051712	Synaptic vesicle membrane protein VAT-1 homolog OS=Mus musculus OX=10090 GN=Vat1 PE=1 SV=3	22549,95	21821,65	20986,16	24266,79	20074,41	25183,22	20652,95	19307,19
G3X9L9;E9Q1A0	58	3	293,7059	0,689587	1,078184	Myomegalin OS=Mus musculus OX=10090 GN=Pde4dip PE=1 SV=1	536,1606	426,2866	455,8144	422,3876	295,7524	441,2558	423,9577	546,2096
O89079;D3Z315;E9Q6I5;F 6XIG5;F6YFR7	15	5	108,077	0,689596	1,133709	Coatomer subunit epsilon OS=Mus musculus OX=10090 GN=Cope PE=1 SV=3	930,5278	892,395	713,5979	850,2278	538,6391	930,315	1053,504	711,1934
Q8K4B0;E9PX23;F8WHY8	7	1	30,465	0,69005	2,072991	Metastasis-associated protein MTA1 OS=Mus musculus OX=10090 GN=Mta1 PE=1 SV=1	590,7072	271,5037	140,0553	386,3254	1530,435	44,32089	752,4366	551,3456
A0A286YCA7	1	1	11,155	0,690221	1,362456	Transmembrane protein 161B OS=Mus musculus OX=10090 GN=Tmem161b PE=1 SV=1	3794,711	941,1239	470,2557	6967,139	6085,388	3615,578	2361,559	1799,499
Q6NZNO;E9PUF4;E9PYZ7;E 9Q640	15	3	87,9923	0,690318	1,337063	RNA-binding protein 26 OS=Mus musculus OX=10090 GN=Rbm26 PE=1 SV=2	413,9835	364,1235	213,7383	209,6285	208,3712	282,9612	291,0085	332,5376
Q6PCN7;E9PVX5;G3UVU1 Q9Z1X4;A0A1L1SQ69;A0A 1L1SQR7;A0A1L1SR62;A0 A1L1SSU8;A0A1L1ST48;A0 A1L1STE4;A0A1L1SU19;Q4 5VK5	7	1	31,1086	0,690773	1,104985	Helicase-like transcription factor OS=Mus musculus OX=10090 GN=Hltf PE=1 SV=1	16604,07	14927,78	16451,45	18192,95	23781,55	18668,03	15709,51	14964,66
Q61584;A0A0G2JEPO;A0A 0G2JGL6;A0A0H2UH27	51	14	365,0911	0,69093	1,119127	Interleukin enhancer-binding factor 3 OS=Mus musculus OX=10090 GN=Ilf3 PE=1 SV=2	1999,605	1370,036	2866,817	2498,101	3084,32	2048,679	1944,278	2123,073
Q61584;A0A0G2JEPO;A0A 0G2JGL6;A0A0H2UH27	53	17	387,4385	0,690998	1,101113	Fragile X mental retardation syndrome-related protein 1 OS=Mus musculus OX=10090 GN=Fxr1 PE=1 SV=2	5654,682	3194,22	4179,602	5629,369	6169,283	4669,647	4808,908	4264,583
E9QKG8;E9Q4T0;Q6PG16	3	1	14,0541	0,691261	1,202079	Holliday junction recognition protein OS=Mus musculus OX=10090 GN=Hjurp PE=1 SV=1	1189,27	1860,772	1312,038	1007,884	1506,468	1429,252	1287,649	679,1864
Q76MZ3;G3UWL2;H3BK50	49	14	399,0635	0,692638	1,160105	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform OS=Mus musculus OX=10090 GN=Ppp2r1a PE=1 SV=3	24753,34	45038,81	24780,08	29216,28	34583,74	30182,17	25652,12	24641,39
Q9CXW4;A2BH06	14	5	81,8015	0,692831	1,168831	60S ribosomal protein L11 OS=Mus musculus OX=10090 GN=Rpl11 PE=1 SV=4	348,3597	409,4142	631,9713	271,7592	352,3566	385,42	379,6522	524,3702
Q8R5C5;E0CYB4;E0CZD4	18	2	160,5669	0,693164	1,147746	Beta-centractin OS=Mus musculus OX=10090 GN=Actr1b PE=1 SV=1	1718,415	1395,987	1152,474	2245,935	2123,642	2370,876	1518,205	1462,327
P51912	18	1	131,3191	0,693418	1,173336	Neutral amino acid transporter B(0) OS=Mus musculus OX=10090 GN=Slc1a5 PE=1 SV=2	19706,87	14382,1	12690,86	23264,56	22201,01	18500,34	14226,97	17281,32

Q8BLJ3;G3X9A7	17	4	90,4451	0,693782	1,188738	PI-PLC X domain-containing protein 3 OS=Mus musculus OX=10090 GN=Plcxd3 PE=1 SV=1	1254,623	1157,29	978,8101	1518,588	2058,905	1140,143	1008,216	1192,469
A0A140LHZ9;A0A140LIP8; A0A140LJ88;A0A140LJC1; A0A5F8MP73;A0A5F8MPA 3;A0A5F8MPD1;A0A5F8M PJ0;A0A5F8MP55;Q6DR98	8	2	29,5268	0,69522	1,31686	Neuregulin 1 OS=Mus musculus OX=10090 GN=Nrg1 PE=1 SV=2	906,9077	298,8311	1613,116	826,6922	672,2648	570,667	736,5967	788,836
Q9QYE6;A0A1Y7VMD3	18	3	91,3788	0,696925	1,099713	Golgin subfamily A member 5 OS=Mus musculus OX=10090 GN=Golga5 PE=1 SV=2	604,2211	503,9083	638,1509	588,8394	296,6612	679,3623	538,3293	609,0366
A0A0G2JFT8	40	2	224,2095	0,696954	1,275197	Protein RUFY3 OS=Mus musculus OX=10090 GN=Rufy3 PE=1 SV=1	90,30459	166,1252	236,1254	192,3623	170,9748	245,1337	161,7586	166,7769
Q8BX10;A0A0G2JG95	7	2	45,228	0,697111	1,549943	Serine/threonine-protein phosphatase PGAM5, mitochondrial OS=Mus musculus OX=10090 GN=Pgam5 PE=1 SV=1	1541,038	619,1631	417,5419	487,6218	237,5804	1347,34	486,9581	437,3835
Q8CBB7;P22892	11	4	75,1369	0,698289	1,071207	AP-1 complex subunit gamma OS=Mus musculus OX=10090 GN=Ap1g1 PE=1 SV=1	2038,499	2240,368	2170,995	2030,155	1593,673	2003,331	2079,398	2239,917
P61957;D3Z794;G3UWI9; G3UWX9;G3UZ60;G3UZA7 ;G3UZ66;H7BWX9;Q9Z172	9	6	55,5035	0,69832	1,170124	Small ubiquitin-related modifier 2 OS=Mus musculus OX=10090 GN=Sumo2 PE=1 SV=1	1550,477	1892,095	1344,378	1816,156	2739,653	2101,547	1463,435	1421,817
P58044;G3XA48;H3BKD7; H3BLF8;H3BLP1	10	1	51,8452	0,699175	1,190297	Isopentenyl-diphosphate Delta-isomerase 1 OS=Mus musculus OX=10090 GN=Idi1 PE=1 SV=1	3967,857	2414,252	1632,054	3067,02	4271,732	2589,646	2704,012	2618,837
Q9WTX8	13	1	68,7338	0,699275	1,135496	Mitotic spindle assembly checkpoint protein MAD1 OS=Mus musculus OX=10090 GN=Mad1l1 PE=1 SV=1	1141,603	1389,706	1019,551	1429,531	427,8931	1044,497	1886,63	1027,072
Q91WM2	3	1	13,7958	0,699447	3,034772	Haloacid dehalogenase-like hydrolase domain-containing 5 OS=Mus musculus OX=10090 GN=Hdh5 PE=1 SV=1	559,438	7,471435	0	1123,791	145,3661	302,05	37,60301	72,09054
Q61792;A2A6G6;A2A6G7; A2A6G8;A2A6G9;A2A6H0; A2A6H1	6	1	39,3616	0,699465	1,043941	LIM and SH3 domain protein 1 OS=Mus musculus OX=10090 GN=Lasp1 PE=1 SV=1	3323,38	3127,369	3361,243	3299,476	3088,098	3795,156	3386,524	3055,234
Q9JKF1;A0A0U1RNG5;A0A OU1RPU3	104	24	751,8259	0,700083	1,047338	Ras GTPase-activating-like protein IQGAP1 OS=Mus musculus OX=10090 GN=Iqgap1 PE=1 SV=2	12351,37	11687,47	11551,56	14008,7	13296,03	11571,5	11361,84	11127,93
Q80YR5	40	3	280,4446	0,700497	1,083029	Scaffold attachment factor B2 OS=Mus musculus OX=10090 GN=Safb2 PE=1 SV=2	2248,503	1833,731	1764,095	2767,502	2575,333	2014,961	2136,353	2072,604
Q91VR2;A2AKU9;A2AKV0; A2AKV1;A2AKV2;A2AKV3; Q8C2Q8	34	17	170,2265	0,700662	1,074375	ATP synthase subunit gamma, mitochondrial OS=Mus musculus OX=10090 GN=Atp5f1c PE=1 SV=1	18450,13	16460,92	18073,43	20156,9	18837,2	21277,31	17085,41	14540,96
Q8R3N1	16	1	99,2842	0,701473	1,957818	Nucleolar protein 14 OS=Mus musculus OX=10090 GN=Nop14 PE=1 SV=2	63,3402	73,91938	0	94,99033	34,47115	219,5853	61,96306	21,7458

B7ZNG0;E9QMU1;J3QNW9	9	1	43,7512	0,701579	1,083039	Kinesin-like protein KIF7 OS=Mus musculus OX=10090 GN=Kif7 PE=1 SV=1	1093,73	1143,602	978,5618	1423,448	975,1368	1210,327	1084,614	1219,371
Q99N03;A0A087WRZ0	4	1	19,0171	0,701815	1,140145	Membrane-spanning 4-domains subfamily A member 10 OS=Mus musculus OX=10090 GN=Ms4a10 PE=2 SV=1	422,3138	444,1571	606,2064	471,7501	669,6231	453,1472	398,0189	601,4158
Q9WUA2;A0A087WPV4;A0A087WS80	35	11	195,1083	0,701862	1,07771	Phenylalanine--tRNA ligase beta subunit OS=Mus musculus OX=10090 GN=Farsb PE=1 SV=2	5789,324	6152,661	6877,818	6894,474	5029,124	7119,338	7083,578	6660,772
Q9QY93	6	1	46,6423	0,70193	1,519049	dCTP pyrophosphatase 1 OS=Mus musculus OX=10090 GN=Dctpp1 PE=1 SV=1	39,5691	97,42183	72,16247	40,9742	108,9922	182,435	52,3787	36,15006
Q99PL5;A2AVJ7	108	31	745,4617	0,702031	1,047899	Ribosome-binding protein 1 OS=Mus musculus OX=10090 GN=Rrbp1 PE=1 SV=2	12612,79	10002,58	12409,6	12468,68	13766,37	10448,04	11325,99	11878,62
Q8CFE4;G5E8J9	2	1	9,0035	0,702376	1,147099	SCY1-like protein 2 OS=Mus musculus OX=10090 GN=Scyl2 PE=1 SV=1	1655,967	2199,491	1613,937	1598,792	1918,656	2092,137	1255,945	1831,759
Q08943;A2AW05	38	11	268,3399	0,704006	1,065423	FACT complex subunit SSRP1 OS=Mus musculus OX=10090 GN=Ssrp1 PE=1 SV=2	6379,908	6279,799	6211,83	7607,829	6909,948	7105,312	6301,899	5716,078
Q9QXV0	15	3	91,3284	0,70417	1,921164	ProSAAS OS=Mus musculus OX=10090 GN=Pcsk1n PE=1 SV=2	612,7207	3215,048	441,0678	561,6137	565,7781	742,2079	632,2404	638,8664
Q9CQS8	4	1	38,1726	0,70471	1,191001	Protein transport protein Sec61 subunit beta OS=Mus musculus OX=10090 GN=Sec61b PE=1 SV=3	656,8103	1052,935	759,2564	672,0821	1015,554	1314,276	637,5248	674,8959
Q8VD75;A0A0J9YUA3;A0A1D5RMM7	33	1	210,597	0,704728	1,178269	Huntingtin-interacting protein 1 OS=Mus musculus OX=10090 GN=Hip1 PE=1 SV=2	935,9024	823,4678	881,5084	488,4828	253,3164	957,4297	770,9803	674,1717
Q8C2K5;A0A0R4J1U7;D3Z6Z7	15	3	86,6494	0,704738	1,174529	RAS protein activator like-3 OS=Mus musculus OX=10090 GN=Rasa3 PE=1 SV=1	208,6323	332,7303	280,2935	204,6042	187,2473	197,8015	193,221	295,4935
P62715	22	1	140,056	0,704784	1,101891	Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform OS=Mus musculus OX=10090 GN=Ppp2cb PE=1 SV=1	2921,509	2732,896	2250,301	3381,976	2786,178	2911,43	2534,079	2011,321
Q5PSV9;A0A286YCY4;E9QK89	59	13	352,3477	0,704808	1,160714	Mediator of DNA damage checkpoint protein 1 OS=Mus musculus OX=10090 GN=Mdc1 PE=1 SV=1	12238,31	6119,486	15033,48	10921,38	15153,08	12800,09	10419,84	10189,27
A0A0B4J1F0;P61622	5	1	23,7971	0,705518	2,301184	Integrin alpha-11 OS=Mus musculus OX=10090 GN=Itga11 PE=1 SV=1	45,33276	0,244308	0	193,5436	28,23711	21,218	28,97749	25,47945
E9Q9Q5;A0A087WR28;Q9D9A9	4	1	24,8965	0,705741	1,041596	RIKEN cDNA 1700113H08 gene OS=Mus musculus OX=10090 GN=1700113H08Rik PE=4 SV=1	4452,651	4811,013	5113,768	4670,516	4563,074	5406,267	4791,806	4849,202
Q8R2M2	32	6	180,6109	0,706226	1,567783	Deoxynucleotidyltransferase terminal-interacting protein 2 OS=Mus musculus OX=10090 GN=Dnttip2 PE=1 SV=1	2756,034	3232,225	1952,35	2223,311	2659,293	8731,205	1917,998	2035,841
F2YMG0	2	1	8,6766	0,706495	1,413015	Serine protease 56 OS=Mus musculus OX=10090 GN=Prss56 PE=2 SV=1	3180,924	1518,046	1557,041	4237,036	1101,673	1041,728	2570,018	2712,58
Q9D0I8;A2AMV1;D6RCI7	24	8	149,5708	0,706773	1,103247	mRNA turnover protein 4 homolog OS=Mus musculus OX=10090 GN=Mrt04 PE=1 SV=1	2738,738	1808,081	2100,509	2834,539	2883,336	2339,554	2394,26	2196,555



P10639	10	1	87,0453	0,707149	1,135808	Thioredoxin OS=Mus musculus OX=10090 GN=Txn PE=1 SV=3	580,1468	623,2543	742,6718	486,7495	351,2091	505,746	549,3045	797,3113
Q8VE33;A2A5H8;Q3USC7	16	2	124,3143	0,707312	1,141338	Ganglioside-induced differentiation-associated protein 1-like 1 OS=Mus musculus OX=10090 GN=Gdap1l1 PE=1 SV=1	445,7313	504,6348	501,6909	278,8992	50,87209	513,2694	516,2083	436,2528
P68372	160	1	666,2981	0,707362	1,714312	Tubulin beta-4B chain OS=Mus musculus OX=10090 GN=Tubb4b PE=1 SV=1	17,64892	5,315142	79,34891	32,36177	11,33903	23,80745	87,18274	89,3623
P62996;F8WJG3	22	5	130,5331	0,707959	1,644795	Transformer-2 protein homolog beta OS=Mus musculus OX=10090 GN=Tra2b PE=1 SV=1	2101,616	557,3364	710,2163	1854,654	654,2329	666,1897	1314,732	1185,724
Q8BZN6	13	1	63,2388	0,708126	1,633295	Dedicator of cytokinesis protein 10 OS=Mus musculus OX=10090 GN=Dock10 PE=1 SV=3	67,11722	263,4472	0,752997	211,5752	76,9552	86,63832	120,215	48,58257
Q62421;A0A0R4J0B8;J3Q Q08;J3QQ44	5	2	30,9223	0,708291	1,111794	Endophilin-A3 OS=Mus musculus OX=10090 GN=Sh3gl3 PE=1 SV=1	609,7878	833,2958	833,0568	487,7475	536,5422	659,0992	670,9213	828,8133
Q9EPE9	47	11	288,8122	0,708983	1,066699	Endoplasmic reticulum transmembrane helix translocase OS=Mus musculus OX=10090 GN=Atp13a1 PE=1 SV=2	5238,12	4550,766	4463,04	5041,993	4602,562	5379,753	4532,62	4303,874
Q9CWS0;D3YU15	22	5	151,1919	0,709952	1,095914	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1 OS=Mus musculus OX=10090 GN=Ddah1 PE=1 SV=3	2553,523	2598,317	2133,161	2601,4	1677,519	2953,695	2605,229	2212,373
P14234	9	1	46,4424	0,710289	1,311353	Tyrosine-protein kinase Fgr OS=Mus musculus OX=10090 GN=Fgr PE=1 SV=2	597,1457	349,7795	190,3653	529,1443	198,7179	461,6437	283,9344	359,697
B1AR17;E9Q614;F7C528;Q 3UFY8	72	8	482,0012	0,710307	1,65589	DNA helicase OS=Mus musculus OX=10090 GN=Chd3 PE=1 SV=1	1498,006	5876,464	783,2271	2122,107	2026,15	762,789	1744,28	1674,806
P84091;A0A338P6T4;A0A 338P798;Q3TWW4	39	14	268,4614	0,710607	1,091509	AP-2 complex subunit mu OS=Mus musculus OX=10090 GN=Ap2m1 PE=1 SV=1	10772,55	11159	8380,8	12760,79	10479,13	10621,92	9008,459	9352,518
Q8K1J6;A0A0N4SUW4;A0 A0N4SV41	23	6	134,6617	0,710982	1,091719	CCA tRNA nucleotidyltransferase 1, mitochondrial OS=Mus musculus OX=10090 GN=Trnt1 PE=1 SV=1	6946,442	5304,719	5404,035	6151,591	3858,507	6479,294	5722,006	5746,901
Q61033	43	10	296,821	0,712829	1,070473	Lamina-associated polypeptide 2, isoforms alpha/zeta OS=Mus musculus OX=10090 GN=Tmpo PE=1 SV=4	6812,201	6305,087	5976,263	7947,943	6056,779	6391,579	6243,263	6870,888
A0A1W2P6J6;A0A1W2P6K 3;O54784	1	1	4,2883	0,713036	1,447854	Death-associated protein kinase 3 (Fragment) OS=Mus musculus OX=10090 GN=Dapk3 PE=1 SV=1	99,36295	114,8428	97,81176	96,75504	162,3858	39,93745	169,1577	220,362
Q6DFW4;A0A087WNNW0;A 0A087WP00;A0A087WQ4 6;A0A087WVSL8;A0A087W SU5;A0A0A0MQ76	39	11	348,5958	0,713287	1,077497	Nucleolar protein 58 OS=Mus musculus OX=10090 GN=Nop58 PE=1 SV=1	22639,43	18536,55	20037,72	23478,72	21501,86	22515,19	17805,21	16778,84
Q9JI13	6	1	25,6531	0,715008	1,242993	Something about silencing protein 10 OS=Mus musculus OX=10090 GN=Utp3 PE=1 SV=1	112,7731	7,254665	79,18803	152,4217	204,0199	104,2736	94,64673	34,14288
Q9ERK4;E9Q1T9;E9QAX7; F6ZEW4	61	18	415,3659	0,715166	1,154233	Exportin-2 OS=Mus musculus OX=10090 GN=Cse1l PE=1 SV=1	13801,12	9473,542	10561,27	19096,91	13100,54	6292,021	10980,38	15486,81

P97370	10	3	83,45	0,7158	1,117408	Sodium/potassium-transporting ATPase subunit beta-3 OS=Mus musculus OX=10090 GN=Atp1b3 PE=1 SV=1	20322,1	14113,53	11853,94	15085,31	18207,53	12454,69	11570,4	12693,5
P14873	197	81	1382,196	0,715999	1,094374	Microtubule-associated protein 1B OS=Mus musculus OX=10090 GN=Map1b PE=1 SV=2	36820,57	14551,71	27150,71	34511,03	32803,25	23811,99	35305,18	31524,55
Q9CX00	7	1	44,0828	0,716843	1,143253	IST1 homolog OS=Mus musculus OX=10090 GN=Ist1 PE=1 SV=1	1326,966	893,6213	981,7019	2000,908	2023,974	1280,332	964,294	1351,66
O08599;A0A140LHJ4	42	6	280,4081	0,717395	1,115449	Syntaxin-binding protein 1 OS=Mus musculus OX=10090 GN=Stxbp1 PE=1 SV=2	3490,221	1461,264	3565,006	4123,911	4146,066	2795,62	2864,128	2986,905
P97496;Q3UNN4;Q3UZD0	53	8	351,7778	0,717647	1,102363	SWI/SNF complex subunit SMARCC1 OS=Mus musculus OX=10090 GN=Smarcc1 PE=1 SV=2	4073,975	4111,47	3062,81	4472,265	5553,877	3683,02	4190,499	3902,321
O35685	41	15	266,3816	0,718076	1,151755	Nuclear migration protein nudC OS=Mus musculus OX=10090 GN=Nudc PE=1 SV=1	6893,149	5404,252	6395,094	8968,732	10800,48	7396,061	8263,159	5399,245
Q3UVL4	8	1	42,8685	0,718516	1,05461	Vacuolar protein sorting-associated protein 51 homolog OS=Mus musculus OX=10090 GN=Vps51 PE=1 SV=2	1545,931	1743,749	1652,366	1515,923	1816,473	1374,602	1660,363	1572,797
Q5SUD9;Z4YKQ3	4	1	20,4631	0,718575	1,128965	Bardet-Biedl syndrome 12 protein homolog OS=Mus musculus OX=10090 GN=Bbs12 PE=3 SV=2	214,3786	130,9977	176,8873	248,0729	8,112643	199,2827	386,4509	262,4233
P62702	54	34	306,2071	0,718712	1,029848	40S ribosomal protein S4, X isoform OS=Mus musculus OX=10090 GN=Rps4x PE=1 SV=2	36775,12	38366,84	38883,32	39035,81	34703,46	40974,44	38233,68	34713,41
F8WHT3;F7AYW2;Q7TPM1	26	4	134,6172	0,719065	1,124907	Protein PRRC2B OS=Mus musculus OX=10090 GN=Prrc2b PE=1 SV=1	131,19	339,8353	381,5341	260,4686	322,6122	265,9313	253,6742	285,6311
O35609;E9Q855;Q3UXS0	12	4	54,8203	0,719163	1,155914	Secretory carrier-associated membrane protein 3 OS=Mus musculus OX=10090 GN=Scamp3 PE=1 SV=3	455,988	47,3406	613,1226	659,1571	421,6105	198,6309	416,7686	629,8886
Q91WU5;A0A494B985;A0A494B9D3	26	8	148,4884	0,719276	1,892233	Arsenite methyltransferase OS=Mus musculus OX=10090 GN=As3mt PE=1 SV=2	1038,756	4838,871	913,9521	667,31	611,0924	1537,729	927,6137	1204,895
A2ACJ2	6	1	22,7419	0,71941	8,349072	Fanconi anemia core complex-associated protein 100 OS=Mus musculus OX=10090 GN=Faap100 PE=2 SV=1	477,7104	7737,46	76,56264	214,1811	229,9945	461,8082	276,9902	468,5282
Q9D1J3;A0A1W2P6N2;A0A1W2P7G2	25	9	128,8769	0,71972	1,102217	SAP domain-containing ribonucleoprotein OS=Mus musculus OX=10090 GN=Sarnp PE=1 SV=3	7836,505	5480,06	5281,067	7407,8	7121,41	7926,457	6025,171	5799,308
P48774;E9PV63;E9PVM7	7	3	39,5398	0,720102	1,157524	Glutathione S-transferase Mu 5 OS=Mus musculus OX=10090 GN=Gstm5 PE=1 SV=1	3596,568	5504,905	2632,464	3762,577	3366,39	3867,394	2945,103	3208,758
Q8VI75;Q5U4C5	17	5	93,3498	0,72051	1,475881	Importin-4 OS=Mus musculus OX=10090 GN=Ipo4 PE=1 SV=1	1844,309	1131,686	5892,016	1722,654	2435,334	1595,721	3642,274	1980,246
Q9DCC5;D3Z1A9;D3Z313;P23198	21	8	141,3774	0,721195	1,118414	Cbx3 protein OS=Mus musculus OX=10090 GN=Cbx3 PE=1 SV=1	10712,69	15779,68	7294,349	8358,318	12589	11915,65	8808,232	9056,341
Q61578	18	5	98,9692	0,722215	1,043664	NADPH:adrenodoxin oxidoreductase, mitochondrial OS=Mus musculus OX=10090 GN=Fdxr PE=1 SV=1	6594,482	5955,333	6040,893	6317,105	6478,397	6645,114	5383,482	5517,379

Q8CHB8;D3YVZ5;E9Q425; H3BJ73;H3BK74;H3BLC0	27	3	125,9851	0,7226	1,124262	Tubulin polyglutamylase TTL5 OS=Mus musculus OX=10090 GN=Ttl5 PE=1 SV=3	615,7402	419,9852	400,241	644,4991	498,2547	447,3328	669,2498	646,6459
Q9WU78	49	13	373,6804	0,722821	1,09896	Programmed cell death 6-interacting protein OS=Mus musculus OX=10090 GN=Pdcc6ip PE=1 SV=3	6402,132	7785,176	6053,64	7673,959	7477,827	8296,87	5443,062	5388,239
P24549;A0A286YCZ0	6	1	33,2541	0,723442	1,471338	Aldehyde dehydrogenase 1A1 OS=Mus musculus OX=10090 GN=Aldh1a1 PE=1 SV=5	194,8877	212,8732	301,7995	239,215	33,55283	192,9054	531,4537	382,2642
Q66LM6	1	1	4,2612	0,723821	1,522352	Protein FAM170A OS=Mus musculus OX=10090 GN=Fam170a PE=1 SV=1	100,0677	112,2472	265,6925	347,5689	178,1122	83,61785	144,4734	136,0998
Q8BK35	17	4	105,152	0,724054	1,109375	Ribosome biogenesis protein NOP53 OS=Mus musculus OX=10090 GN=Nop53 PE=1 SV=1	5427,94	2970,938	5616,27	6656,204	6171,068	4538,739	5168,211	5334,567
Q6ZQ38;D3YWCS	72	21	496,5668	0,724621	1,073545	Cullin-associated NEDD8-dissociated protein 1 OS=Mus musculus OX=10090 GN=Cand1 PE=1 SV=2	8520,146	8829,112	9571,675	11770,4	12307,48	8925,636	9703,926	10599,86
Q3UPH7	4	2	18,1594	0,724747	1,135588	Rho guanine nucleotide exchange factor 40 OS=Mus musculus OX=10090 GN=Arhgef40 PE=1 SV=1	1047,209	860,4702	490,8682	973,5252	891,2502	907,6509	718,8605	925,463
P52479	25	5	158,5491	0,724762	1,072605	Ubiquitin carboxyl-terminal hydrolase 10 OS=Mus musculus OX=10090 GN=Usp10 PE=1 SV=3	3925,262	4187,384	3666,567	4319,171	2786,338	4401,322	3767,468	4053,544
Q8BIW1	12	3	74,5175	0,724815	1,107949	Exopolyphosphatase PRUNE1 OS=Mus musculus OX=10090 GN=Prune1 PE=1 SV=1	534,373	460,8535	456,8423	480,855	516,7308	378,3785	646,6433	566,8092
Q9CQX8;Q9D6T9	8	4	64,6408	0,725254	1,084625	Alpha-ketoglutarate dehydrogenase component 4 OS=Mus musculus OX=10090 GN=Mrps36 PE=1 SV=1	11668,76	9821,297	9588,323	11120,71	11547,53	13216,65	9432,106	9325,512
Q80Y81;B1ATP7	33	4	200,9042	0,72585	1,109215	Zinc phosphodiesterase ELAC protein 2 OS=Mus musculus OX=10090 GN=Elac2 PE=1 SV=1	515,4415	400,2532	386,507	546,8951	573,0337	166,8318	509,4873	417,6796
Q5DTN8;A0A803ZCJ0;E9Q7K7	8	1	32,7061	0,726071	1,241085	Janus kinase and microtubule-interacting protein 3 OS=Mus musculus OX=10090 GN=Jakmip3 PE=1 SV=2	809,1165	475,1076	590,7354	909,8673	1043,734	1215,717	550,7102	646,0457
O08677;A0A0R4J038	5	2	23,2847	0,726213	1,95699	Kininogen-1 OS=Mus musculus OX=10090 GN=Kng1 PE=1 SV=1	149,2185	70,11827	107,9355	183,4395	81,02836	62,31181	161,6457	103,8569
Q9DAM9;A0A1B0GSJ7;D3Z7V1	6	1	26,7667	0,726431	1,112898	Fibronectin type 3 and ankyrin repeat domains 1 protein OS=Mus musculus OX=10090 GN=Fank1 PE=1 SV=1	3295,038	2800,749	2999,7	4289,831	3797,234	3285,012	3612,511	4064,1
P27612;F7D1R5	27	6	159,328	0,726458	1,113007	Phospholipase A-2-activating protein OS=Mus musculus OX=10090 GN=Plaa PE=1 SV=4	4347,532	5096,872	1120,37	4329,882	3519,898	4785,846	4704,834	3567,282
Q5RIM6;E9Q2B2;Q60974	16	1	69,3893	0,726497	1,390563	Nuclear receptor corepressor 1 OS=Mus musculus OX=10090 GN=Ncor1 PE=1 SV=1	2117,982	5935,368	1780,818	2795,152	2628,851	4138,653	2947,108	1507,523

Q6ZWR4;A0A668KLA9	16	1	109,7879	0,726889	1,152633	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform OS=Mus musculus OX=10090 GN=Ppp2r2b PE=1 SV=1	264,8653	308,4566	241,3909	457,8095	325,9513	54,07695	426,8907	316,2853
Q8R4C2	11	1	31,8806	0,726917	1,149184	RUN and FYVE domain-containing protein 2 OS=Mus musculus OX=10090 GN=Rufy2 PE=1 SV=2	182,5513	336,5052	230,4188	342,4952	225,9964	273,6895	228,2976	222,2299
O08784;F6R3V4;H3BIX0;H3BK88;H3BL37	48	14	304,3259	0,72732	1,444231	Treacle protein OS=Mus musculus OX=10090 GN=Tcof1 PE=1 SV=1	12299,91	32734,26	10095,76	12596,04	9271,205	29529,74	10262,28	9483,203
Q62417;A0A286YCI8;A0A5F8MPJ2	4	1	17,0022	0,72829	4,758103	Sorbin and SH3 domain-containing protein 1 OS=Mus musculus OX=10090 GN=Sorbs1 PE=1 SV=2	152,2827	709,4559	960,289	141,9448	139,6603	4202,662	277,5483	234,7668
Q91VW5;A0A1D5RLC6;A0A1D5RLV4;A0A1D5RME8;E9Q088	172	26	1046,173	0,728459	1,074731	Golgin subfamily A member 4 OS=Mus musculus OX=10090 GN=Golga4 PE=1 SV=2	9718,316	10919,14	9988,796	12398,43	12448,68	11323,75	11117,52	8679,341
Q91VR5;A0A1Y7VM48	44	18	321,0841	0,72846	1,041538	ATP-dependent RNA helicase DDX1 OS=Mus musculus OX=10090 GN=Ddx1 PE=1 SV=1	8689,007	7795,843	8284,511	9690,929	9339,63	9058,181	8439,887	9054,01
O35114	25	7	141,6023	0,72942	1,136323	Lysosome membrane protein 2 OS=Mus musculus OX=10090 GN=Scarb2 PE=1 SV=3	6585,072	3290,238	8599,88	6402,287	9229,8	7138,33	6155,606	5745,117
P46660	62	11	375,0264	0,729424	1,136783	Alpha-internexin OS=Mus musculus OX=10090 GN=Ina PE=1 SV=3	9724,064	6632,701	3344,145	9770,167	8361,712	5620,718	9982,983	9536,801
Q91X78;E9PUH5	22	4	158,1547	0,729525	1,084714	Erlin-1 OS=Mus musculus OX=10090 GN=Erlin1 PE=1 SV=2	1986,182	1723,617	1761,564	1657,701	1927,667	2434,986	1920,429	1449,915
D3Z2N9;D3Y73;E9Q317;O55128	8	1	68,9864	0,729619	1,080464	Histone deacetylase complex subunit SAP18 OS=Mus musculus OX=10090 GN=Sap18 PE=1 SV=1	1991,704	1683,928	3014,617	2702,891	2738,729	2695,914	2226,774	2444,615
O55106;F6Z700;F8WH41	12	2	72,1458	0,73013	1,194324	Striatin OS=Mus musculus OX=10090 GN=Strn PE=1 SV=2	4975,588	3600,525	3232,233	7289,182	4886,973	3688,824	5445,282	6671,391
Q9JJK2;F6RJV6	5	1	23,499	0,730612	1,220044	LanC-like protein 2 OS=Mus musculus OX=10090 GN=Lancl2 PE=1 SV=1	336,8425	641,7239	470,1541	287,7844	274,8389	618,3427	702,6616	522,7698
O35668	2	1	10,0711	0,73142	1,166776	Huntingtin-associated protein 1 OS=Mus musculus OX=10090 GN=Hap1 PE=1 SV=1	223,1002	282,9492	245,7243	288,3168	221,5747	284,7917	393,9129	282,2647
Q99JY9;A0A087WP86;A0A087WQ14;A0A087WQ83;A0A087WRA1;A0A087WS98	27	8	255,3833	0,731528	1,055754	Actin-related protein 3 OS=Mus musculus OX=10090 GN=Actr3 PE=1 SV=3	7250,712	7253,365	6269,062	8596,129	7073,253	8441,068	7124,665	6872,424
Q8BML1	20	3	90,1567	0,731815	1,209213	[F-actin]-monooxygenase MICAL2 OS=Mus musculus OX=10090 GN=Mical2 PE=1 SV=2	688,8907	1587,323	938,7864	1465,406	1353,668	1100,946	711,5218	704,4859
A0A0R4J1V0;Q9JIL4	8	3	36,3935	0,732464	1,110317	Na(+)/H(+) exchange regulatory cofactor NHE-RF3 OS=Mus musculus OX=10090 GN=Pdzk1 PE=1 SV=1	6887,81	7745,393	5486,656	8879,722	8910,281	6055,739	6243,942	6539,494
Q922B2;Q8BJY7	63	23	467,0383	0,733114	1,073751	Aspartate--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Dars1 PE=1 SV=2	20044,32	15686,74	19516,34	21442,83	24773,48	20820,74	18742,54	17572,38

E9QAF4	9	1	43,1786	0,733407	1,046144	Pleckstrin homology-like domain, family B, member 3 OS=Mus musculus OX=10090 GN=Phldb3 PE=1 SV=1	8015,03	7282,25	7259,31	8435,94	6678,858	8400,58	7754,418	6791,629
E9PWZ3;Q9CQ09	8	1	42,8292	0,733962	1,11246	Ribosomal protein L3-like OS=Mus musculus OX=10090 GN=Rpl3l PE=1 SV=1	231,8908	117,9407	140,65	152,4323	143,9485	175,7779	227,5136	167,9758
Q08122;E0CXS2;E0CXS9;E0CXU1;E0CY14;F6TS96;F8WIE2;J3KMT7;Q3TY99	14	1	70,533	0,734164	1,340025	Transducin-like enhancer protein 3 OS=Mus musculus OX=10090 GN=Tle3 PE=1 SV=3	576,9861	144,8889	202,9285	436,4614	426,4203	500,9023	392,488	232,6713
Q62418	29	11	215,9107	0,734625	1,204828	Drebrin-like protein OS=Mus musculus OX=10090 GN=Dbnl PE=1 SV=2	5630,403	6953,013	2566,459	5240,81	5269,479	8001,526	4889,575	4252,094
A0A0R4J218;A0A0R4J223;E9PW24	34	2	209,3441	0,735156	1,454355	Plectin (Fragment) OS=Mus musculus OX=10090 GN=Plec PE=1 SV=1	207,1125	827,2968	264,3026	248,0844	391,7434	256,7652	340,3052	277,4719
Q9EPJ9;Q3TGS9;V9GWWV1;V9GXM1	4	1	18,3411	0,735514	1,288947	ADP-ribosylation factor GTPase-activating protein 1 OS=Mus musculus OX=10090 GN=Arfgap1 PE=1 SV=2	880,1936	529,3618	464,5939	1119,018	636,1008	247,6345	795,8131	642,6321
Q8VD33	3	1	15,4517	0,736809	1,624128	Small glutamine-rich tetratricopeptide repeat-containing protein beta OS=Mus musculus OX=10090 GN=Sgtb PE=1 SV=1	833,9633	3990,46	785,0553	1109,463	1187,293	1113,282	1347,28	1235,214
Q9CZE3	1	1	4,7429	0,737474	1,155215	Ras-related protein Rab-32 OS=Mus musculus OX=10090 GN=Rab32 PE=1 SV=3	47,54614	120,1113	140,3451	24,28246	25,93115	111,1319	105,0444	109,4827
Q05D44	57	13	332,6051	0,737877	1,078996	Eukaryotic translation initiation factor 5B OS=Mus musculus OX=10090 GN=Eif5b PE=1 SV=2	3543,074	3088,757	2990,834	4070,995	2254,022	2940,978	3798,533	3697,577
E9PX53;E0CCK8;E9QPR5;F6V294;Q8K2V1	6	1	30,5777	0,738189	1,144765	Serine/threonine-protein phosphatase 4 regulatory subunit 1 OS=Mus musculus OX=10090 GN=Ppp4r1 PE=1 SV=1	765,3531	472,4778	519,495	1365,782	777,1388	19,26431	1146,811	1108,901
Q62351;Q8C872	54	15	384,7277	0,740395	1,081377	Transferrin receptor protein 1 OS=Mus musculus OX=10090 GN=Tfrc PE=1 SV=1	11865,11	6768,7	9861,919	11522,35	12378,63	11427,9	9455,407	9029,791
Q03265;A7TZE6;D3Z6F5;D6RJ16	133	56	691,3579	0,741237	1,06951	ATP synthase subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=Atp5f1a PE=1 SV=1	69294,42	58975,74	52043,19	68338,13	63686,85	57159,96	56977,34	54666,96
Q8BWM0	10	2	61,1537	0,741459	1,562789	Prostaglandin E synthase 2 OS=Mus musculus OX=10090 GN=Ptges2 PE=1 SV=3	607,0236	2186,679	414,2669	623,5532	412,0538	590,4456	789,9286	659,2929
E9PUA5	13	2	78,2503	0,742082	1,090271	Kinesin-like protein OS=Mus musculus OX=10090 GN=Kifc5b PE=1 SV=1	7816,588	8339,319	5745,911	7455,792	7437,613	8092,405	6572,689	5031,088
B9EJA2;D3Z1E3;D3Z551	8	2	46,5001	0,742365	1,855193	Cortactin-binding protein 2 OS=Mus musculus OX=10090 GN=Cttnbp2 PE=1 SV=2	4171,823	1739,703	625,9981	918,4201	816,147	1628,004	895,3834	1313,312
Q9ESW4	6	1	34,7186	0,742732	1,053709	Acylglycerol kinase, mitochondrial OS=Mus musculus OX=10090 GN=Agk PE=1 SV=1	7717,487	7026,593	7497,421	8782,807	8828,178	8084,041	7590,791	7896,309
Q9D1M4	8	2	46,3992	0,743144	1,196153	Eukaryotic translation elongation factor 1 epsilon-1 OS=Mus musculus OX=10090 GN=Eef1e1 PE=1 SV=1	7292,175	4980,931	4795,605	8247,735	10877,97	3290,48	7929,519	6736,771
P62908;A0A140LI77;D3YV43	52	27	328,1302	0,743653	1,05661	40S ribosomal protein S3 OS=Mus musculus OX=10090 GN=Rps3 PE=1 SV=1	45930,28	41975,66	41829,37	51746,46	51741,27	46816,37	44438,54	41924,74

J3QN85;P16092	14	2	59,4711	0,747389	1,075463	Fibroblast growth factor receptor OS=Mus musculus OX=10090 GN=Fgfr1 PE=1 SV=1	2592,227	2152,231	1740,394	2622,529	2596,45	2780,432	2099,345	2253,17
Q80X41;A0A1Y7VMH3	19	3	81,8004	0,747657	1,145186	Serine/threonine-protein kinase VRK1 OS=Mus musculus OX=10090 GN=Vrk1 PE=1 SV=2	760,8131	774,5452	715,0942	680,2441	427,3186	1188,462	645,4345	667,8273
Q810V0	14	1	85,0561	0,748443	1,152241	U3 small nucleolar ribonucleoprotein protein MPP10 OS=Mus musculus OX=10090 GN=Mphosph10 PE=1 SV=2	81,14698	208,6246	226,6749	124,5627	93,35449	110,6416	148,0426	238,7832
Q8BMK4	66	10	493,2645	0,749595	1,057567	Cytoskeleton-associated protein 4 OS=Mus musculus OX=10090 GN=Ckap4 PE=1 SV=2	5387,952	6227,243	5226,21	5442,576	6716,18	5414,198	5084,025	4863,574
Q7TQI3;D3YWF6;D3Z7K0	18	9	154,1742	0,749699	1,090535	Ubiquitin thioesterase OTUB1 OS=Mus musculus OX=10090 GN=Otub1 PE=1 SV=2	7346,88	6633,396	7065,526	7404,306	9571,889	7593,912	6131,446	5915,204
Q9CR67;A0A0R4J1Z3;Q9CZM3	12	5	94,3219	0,749887	1,061348	Transmembrane protein 33 OS=Mus musculus OX=10090 GN=Tmem33 PE=1 SV=1	5091,226	3062,216	3200,164	4415,178	4597,092	3834,783	3839,669	3994,958
Q9D2Y4	4	2	20,6412	0,750202	1,185195	Mixed lineage kinase domain-like protein OS=Mus musculus OX=10090 GN=Mikl PE=1 SV=1	313,8395	332,1617	596,6556	271,5708	229,7474	201,0008	371,3703	521,775
Q06194;B2RRC9	7	2	49,6111	0,750494	1,572499	Coagulation factor VIII OS=Mus musculus OX=10090 GN=F8 PE=2 SV=2	493,2484	439,9093	312,7071	1475,608	299,8292	802,4542	307,1168	321,2671
Q63844;A0A0U1RPX4;A0A0U1RPZ0;D3Z3G6;D3Z6D8	25	3	195,9412	0,75081	1,23101	Mitogen-activated protein kinase 3 OS=Mus musculus OX=10090 GN=Mapk3 PE=1 SV=5	266,2545	394,9533	412,1	379,041	241,1005	353,9353	605,2498	587,5707
Q8K0T2	1	1	4,664	0,752132	1,109731	Cytoplasmic dynein 2 light intermediate chain 1 OS=Mus musculus OX=10090 GN=Dync2li1 PE=1 SV=1	1320,709	808,9782	649,7352	1404,598	1368,567	994,3503	879,3083	1092,79
Q99KH8	5	1	29,6288	0,752372	1,289951	Serine/threonine-protein kinase 24 OS=Mus musculus OX=10090 GN=Stk24 PE=1 SV=1	1175,84	1234,729	1288,504	1001,461	98,0803	1696,857	1781,726	1534,89
Q924L1	26	5	178,4421	0,752867	1,150887	LETM1 domain-containing protein 1 OS=Mus musculus OX=10090 GN=Letmd1 PE=1 SV=1	1943,508	1121,556	1801,11	2174,992	1765,095	1364,739	1435,823	1552,376
Q91VJ4	1	1	4,5967	0,752979	2,276719	Serine/threonine-protein kinase 38 OS=Mus musculus OX=10090 GN=Stk38 PE=1 SV=1	45,14961	915,4767	210,0974	262,8693	254,6992	78,23646	162,2435	134,4957
Q9EQN3;D3YZZ4;F6VXN4	4	1	24,6245	0,753036	1,175125	TSC22 domain family protein 4 OS=Mus musculus OX=10090 GN=Tsc22d4 PE=1 SV=2	108,9402	126,2198	103,5677	121,8613	139,6123	43,69174	91,69058	182,5972
Q62426	7	2	34,044	0,753895	1,202988	Cystatin-B OS=Mus musculus OX=10090 GN=Cstb PE=1 SV=1	1940,582	1612,009	1833,356	2006,988	3719,709	2007,869	1506,841	1659,194
Q9D0Q7	4	2	20,7729	0,754144	1,157602	39S ribosomal protein L45, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl45 PE=1 SV=1	1383,849	1091,26	1091,569	2169,717	784,1656	1163,645	1488,597	1883,769
Q9CQF0;A0A494B9H5;A0A494B9R3	5	2	31,7312	0,754491	1,08734	39S ribosomal protein L11, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl11 PE=1 SV=1	2251,76	1663,383	1945,608	1742,865	2358,429	931,0013	2036,324	1667,103
Q8R2Z5	4	1	22,527	0,757111	1,397477	von Willebrand factor A domain-containing protein 1 OS=Mus musculus OX=10090 GN=Vwa1 PE=1 SV=1	265,9068	216,7404	244,5072	147,5119	110,402	358,3971	390,5971	323,2551

Q8BGQ1	4	1	21,3429	0,757427	1,259007	Spermatogenesis-defective protein 39 homolog OS=Mus musculus OX=10090 GN=Vipas39 PE=1 SV=1	54,17265	83,47747	13,92679	28,35891	0	61,9113	23,82517	57,18238
Q99JX4;A2A701;A2A702	20	4	160,7473	0,758155	1,033867	Eukaryotic translation initiation factor 3 subunit M OS=Mus musculus OX=10090 GN=Eif3m PE=1 SV=1	2776,883	3250,031	3239,673	3018,258	3267,758	3035,566	3189,109	2995,627
O19441;E9PX63	11	1	91,3259	0,758883	1,905431	Histocompatibility 2, Q region locus 1 OS=Mus musculus OX=10090 GN=H2-Q1 PE=2 SV=1	2248,159	1357,279	277,8739	337,4364	508,6681	627,7275	286,0977	792,6217
Q5SXA9	10	1	50,8351	0,759466	1,108826	Protein KIBRA OS=Mus musculus OX=10090 GN=Wwc1 PE=1 SV=1	589,9483	426,8043	356,6553	1363,175	620,1364	20,22028	1137,685	870,6553
P58459	1	1	8,2214	0,759633	1,200365	A disintegrin and metalloproteinase with thrombospondin motifs 10 OS=Mus musculus OX=10090 GN=Adamts10 PE=2 SV=3	1084,047	1504,585	1065,061	1410,221	1371,575	2589,774	1022,491	1094,706
P49722;Q8BKE0	18	7	120,0471	0,760264	1,070401	Proteasome subunit alpha type-2 OS=Mus musculus OX=10090 GN=Psm2 PE=1 SV=3	9187,619	8102,019	8966,996	10269,22	10859,17	10499,15	9834,074	7904,928
Q8K0U4	10	2	60,0215	0,760315	1,103393	Heat shock 70 kDa protein 12A OS=Mus musculus OX=10090 GN=Hspa12a PE=1 SV=1	708,1051	732,6139	521,2825	766,5449	604,9881	699,1034	619,8348	548,9429
Q68FL6;E9QB02;F6W0G8	44	13	319,0059	0,760636	1,053859	Methionine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Mars1 PE=1 SV=1	6918,396	5762,812	7695,631	6866,27	8471,713	7358,492	6461,777	6185,992
A2A716;F8VQM4	6	1	38,9168	0,761423	1,036952	Oxysterol-binding protein OS=Mus musculus OX=10090 GN=Osbp17 PE=1 SV=2	1350,149	1471,481	1418,283	1289,463	1321,805	1486,397	1445,553	1479,94
P46414	3	1	21,4226	0,763116	2,887498	Cyclin-dependent kinase inhibitor 1B OS=Mus musculus OX=10090 GN=Cdkn1b PE=1 SV=2	187,4624	332,1881	257,7343	357,9907	7,758627	1355,748	306,0461	167,3776
Q6P9R1	20	1	112,2633	0,763616	1,314519	ATP-dependent RNA helicase DDX51 OS=Mus musculus OX=10090 GN=Ddx51 PE=1 SV=1	1050,344	1493,026	603,5614	1400,8	850,6708	3082,604	1184,005	860,8001
P09405	104	49	538,569	0,763788	1,031863	Nucleolin OS=Mus musculus OX=10090 GN=Ncl PE=1 SV=2	98125,35	94098,68	93771,66	95235,16	104524,7	101231,2	82648,95	89773,4
Q9JIF7	53	10	362,5298	0,764715	1,137029	Coatomer subunit beta OS=Mus musculus OX=10090 GN=Copb1 PE=1 SV=1	6233,565	2808,12	4394,409	6866,423	6366,221	5646,984	4549,801	4938,205
Q60749;A0A087WR32	27	16	136,1282	0,76475	1,090126	KH domain-containing, RNA-binding, signal transduction-associated protein 1 OS=Mus musculus OX=10090 GN=Khdrbs1 PE=1 SV=2	16629,06	12456,11	13842,38	12987,62	10923,33	17655,64	12456,86	12026,44
O88271	17	1	93,0704	0,765876	1,393727	Craniofacial development protein 1 OS=Mus musculus OX=10090 GN=Cfdp1 PE=1 SV=1	212,4655	449,8061	154,1521	136,4842	195,4643	72,86231	288,6048	218,4442
Q5SRX1;F6RBX1;F6ZDJ1;Q5SXA4;Q5SXA5	7	1	37,9169	0,766111	1,05077	TOM1-like protein 2 OS=Mus musculus OX=10090 GN=Tom1l2 PE=1 SV=1	3029,679	2673,04	2979,478	3211,23	3526,623	3215,183	2697,411	3058,035
Q99MN1;Q8R2P8	46	17	292,4543	0,766318	1,060479	Lysine--tRNA ligase OS=Mus musculus OX=10090 GN=Kars1 PE=1 SV=1	9087,214	6138,113	9230,795	10653,92	8589,118	10726,31	9704,51	8213,537
O70361	2	1	14,0333	0,766532	1,081622	Period circadian protein homolog 3 OS=Mus musculus OX=10090 GN=Per3 PE=1 SV=2	5646,246	5153,622	3737,308	5720,564	5201,384	4349,195	4752,482	4425,97
F8VPK0	6	1	30,9917	0,766814	1,143579	Tetratricopeptide repeat domain 37 OS=Mus musculus OX=10090 GN=Ttc37 PE=1 SV=1	2708,69	4159,419	3501,708	3352,171	3784,285	4967,191	2755,403	4185,293

P47738;A0A0G2JEU1;A0A0G2JF60;A0A0G2JFQ0;D3Y YF3	41	12	252,6694	0,766816	1,236075	Aldehyde dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Aldh2 PE=1 SV=1	8876,731	9976,32	25510,99	22536,26	26515,86	20688,3	14474,42	6035,03
P26645	21	10	112,6973	0,766907	1,539677	Myristoylated alanine-rich C-kinase substrate OS=Mus musculus OX=10090 GN=Marcks PE=1 SV=2	884,7247	3374,882	4761,709	982,1107	2825,484	1208,164	1344,939	1951,37
Q8R5J9	11	3	76,9239	0,767252	1,134894	PRA1 family protein 3 OS=Mus musculus OX=10090 GN=Arl6ip5 PE=1 SV=2	11319,3	6464,291	12513,58	11399,42	10152,98	8166,284	7837,785	10583,47
Q9CZW5	54	20	350,996	0,767575	1,058192	Mitochondrial import receptor subunit TOM70 OS=Mus musculus OX=10090 GN=Tomm70 PE=1 SV=2	21054,93	16818,62	21316,22	21715,93	23145,57	20509,26	20818,17	16851,62
Q6PD31;A0A1B0GRL4;A0A1B0GRP1;A0A1B0GRQ7;A0A1B0GRS7;A0A1B0GSQ2;A0A5F8MPD8	34	3	204,488	0,7676	1,097973	Trafficking kinesin-binding protein 1 OS=Mus musculus OX=10090 GN=Trak1 PE=1 SV=1	239,2781	188,0293	270,9407	164,7137	172,6444	171,6976	301,2571	177,1666
S4R2K9;A0A1W2P812;S4R1S2	26	1	117,3873	0,7687	1,085093	Ankyrin-3 (Fragment) OS=Mus musculus OX=10090 GN=Ank3 PE=1 SV=1	1273,575	714,3578	612,1788	1177,581	967,0719	1340,171	942,8153	849,09
Q99LF4	34	13	259,9251	0,769401	1,100465	RNA-splicing ligase RtcB homolog OS=Mus musculus OX=10090 GN=RtcB PE=1 SV=1	10994,45	9731,029	10449,58	12349,54	12765,73	11029,61	9692,523	9983,527
Q58A65;F6SH61;Z4YMB8	57	6	364,5106	0,770208	1,117063	C-Jun-amino-terminal kinase-interacting protein 4 OS=Mus musculus OX=10090 GN=Spag9 PE=1 SV=2	1124,239	2012,505	1602,257	1184,754	1182,073	1506,627	1352,995	1261,279
Q9WTX2	16	2	118,8849	0,770255	1,105143	Interferon-inducible double-stranded RNA-dependent protein kinase activator A OS=Mus musculus OX=10090 GN=Prkra PE=1 SV=1	428,8228	605,2717	590,6201	499,9642	668,5041	291,8618	512,2891	449,8829
A0A0A6YWP6;A0A0A6YX18;Q8BVE3	16	5	92,2616	0,770689	1,117387	V-type proton ATPase subunit H OS=Mus musculus OX=10090 GN=Atp6v1h PE=1 SV=1	9649,246	14941,03	7942,274	11039,31	12099,83	10328,95	10199,56	9134,523
Q60864	80	32	593,8089	0,77113	1,073162	Stress-induced-phosphoprotein 1 OS=Mus musculus OX=10090 GN=Stip1 PE=1 SV=1	35284,64	33730,33	30131,83	36671,48	47270,77	34375,7	31898,23	32210,31
Q7TQ95;A2ASL8;A2ASM0;A2ASM1	25	3	144,8918	0,771702	1,157768	Endoplasmic reticulum junction formation protein lunapark OS=Mus musculus OX=10090 GN=Lnpk PE=1 SV=1	3969,247	2363,765	2094,564	2816,87	1416,128	3560,327	3410,133	3615,409
Q8R404	6	2	48,5944	0,77173	2,401949	MICOS complex subunit MIC13 OS=Mus musculus OX=10090 GN=Micos13 PE=1 SV=1	90,83788	153,8215	66,16143	169,2692	116,3082	888,9738	83,62306	64,24688
Q923D5	20	4	103,6696	0,772634	1,344091	WW domain-binding protein 11 OS=Mus musculus OX=10090 GN=Wbp11 PE=1 SV=2	508,2366	474,1075	295,2076	415,5363	451,3587	1101,491	335,2569	387,5577
Q8CGP1;P10853;P10854;Q64475;Q64478;Q64525;Q6ZWY9;Q8CBB6;Q8CGP2	61	14	217,1155	0,774443	1,158594	Histone H2B type 1-K OS=Mus musculus OX=10090 GN=H2bc12 PE=1 SV=3	14247,66	6519,983	18321,22	12623,27	11689,59	12347,74	9070,532	14067,04
Q8BHB7	4	2	23,587	0,774981	1,239443	Uncharacterized protein C16orf46 homolog OS=Mus musculus OX=10090 PE=2 SV=1	835,5435	670,8172	1811,427	869,9016	811,0991	1290,572	835,4141	799,5677



A2AQJ7	3	1	19,853	0,775353	1,11898	Transmembrane protein 87A OS=Mus musculus OX=10090 GN=Tmem87a PE=1 SV=1	659,4774	552,3439	446,0381	539,0909	464,3579	523,8373	741,927	633,6011
P58468	7	1	37,9933	0,77617	1,194805	Ribosome biogenesis protein SLX9 homolog OS=Mus musculus OX=10090 GN=Slx9 PE=1 SV=1	420,4296	429,2042	295,0942	391,6262	670,9771	366,5371	223,6791	332,4207
E9PW83;F6R487;F6RSY8;F6TU77	62	3	343,8561	0,776313	1,086729	Family with sequence similarity 184, member A OS=Mus musculus OX=10090 GN=Fam184a PE=1 SV=1	503,5983	306,4523	1178,568	512,7213	955,095	486,8538	696,984	579,3466
B1AQZ0;B1AQY9;B7ZC46;Q8CHH9	12	1	79,7412	0,776616	1,12413	Septin-8 OS=Mus musculus OX=10090 GN=Septin8 PE=1 SV=1	290,4002	217,7498	332,2836	184,1288	359,7377	242,3782	261,1602	288,4657
Q8VBT9;A2AC02;A2AC03;A2AC05	11	1	55,0088	0,776738	1,043997	Tether containing UBX domain for GLUT4 OS=Mus musculus OX=10090 GN=Aspscr1 PE=1 SV=1	4444,698	5097,193	4957,622	4984,207	5389,217	5174,731	4313,037	4530,012
Q8K0V4	2	1	8,0324	0,777062	1,137766	CCR4-NOT transcription complex subunit 3 OS=Mus musculus OX=10090 GN=Cnot3 PE=1 SV=1	907,9213	663,9027	569,5618	1050,773	482,6196	817,3813	925,9687	603,0621
Q5SSW2;F6R7K9;Q5SSW0	35	8	217,5216	0,777691	1,14937	Proteasome activator complex subunit 4 OS=Mus musculus OX=10090 GN=Psme4 PE=1 SV=1	1336,897	1122,329	2061,436	1472,035	1692,503	2000,667	1684,492	1038,156
Q8VDC1;A0A140T8V9	50	4	283,1559	0,779123	1,077071	FYVE and coiled-coil domain-containing protein 1 OS=Mus musculus OX=10090 GN=Fyco1 PE=1 SV=1	368,3078	298,9801	378,6813	275,7475	258,8573	330,7176	319,1338	381,9178
Q8CGN4	54	10	312,1897	0,779137	1,073889	BCL-6 corepressor OS=Mus musculus OX=10090 GN=Bcor PE=1 SV=2	6439,81	5409,608	6299,798	7383,707	7601,856	6566,459	6450,111	5224,306
B2RPZ5;D6REW0;D6RI27;Q8CDU6	9	1	41,1171	0,779145	1,074949	Hectd2 protein OS=Mus musculus OX=10090 GN=Hectd2 PE=1 SV=1	1046,05	1150,052	1572,701	727,8487	1082,289	1212,638	1136,812	1401,935
P59017	11	6	93,1999	0,781456	1,0714	Bcl-2-like protein 13 OS=Mus musculus OX=10090 GN=Bcl2l13 PE=1 SV=2	1573,207	1464,827	1221,647	1930,562	1561,539	971,4577	1655,083	1616,139
Q91YQ5;A0A0N4SUJ8	69	25	438,3773	0,782742	1,104388	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 OS=Mus musculus OX=10090 GN=Rpn1 PE=1 SV=1	29594,03	21294,53	19800,01	32332,01	28678,51	20291,79	23482,54	22581,14
Q9CQR2	7	1	26,9457	0,78277	1,347567	40S ribosomal protein S21 OS=Mus musculus OX=10090 GN=Rps21 PE=1 SV=1	44,06948	20,46687	66,63771	77,38968	37,94181	131,6914	77,28481	34,13551
O54962	8	3	54,356	0,783247	1,102107	Barrier-to-autointegration factor OS=Mus musculus OX=10090 GN=Banf1 PE=1 SV=1	3085,366	3483,957	1941,189	3874,28	3652,78	4379,526	3084,165	2532,891
P62317	12	5	77,9017	0,783324	1,189835	Small nuclear ribonucleoprotein Sm D2 OS=Mus musculus OX=10090 GN=Snrpd2 PE=1 SV=1	3482,821	3567,978	1556,9	4062,039	1555,291	4180,173	2369,281	2543,567
Q3TWW8;A0A0A6YXX6	35	9	222,142	0,783751	1,139925	Serine/arginine-rich splicing factor 6 OS=Mus musculus OX=10090 GN=Srsf6 PE=1 SV=1	2740,981	2796,078	5602,288	3108,491	3165,042	4101,081	3691,988	2947,134
Q0P678;G3X8T2;H3BIW0;H3BJJ9	34	7	203,5198	0,78409	1,123156	Zinc finger CCCH domain-containing protein 18 OS=Mus musculus OX=10090 GN=Zc3h18 PE=1 SV=1	5996,886	3203,884	7304,108	6398,262	6256,184	4860,668	5305,412	4848,844

Q3TG90	2	1	11,4891	0,784559	1,13982	Microtubule-associated protein RP/EB family member 2 OS=Mus musculus OX=10090 GN=Mapre2 PE=1 SV=1	451,4329	321,8076	470,6017	291,4827	464,2096	561,2549	282,3613	281,1462
Q6IRU5;F7BHJO	8	2	54,7929	0,785103	1,133232	Clathrin light chain B OS=Mus musculus OX=10090 GN=Cltb PE=1 SV=1	937,8536	908,8727	529,8922	2025,831	1297,901	723,1829	1321,009	1646,903
Q5SS00;A0A6I8MWW6	39	5	192,5161	0,785128	1,047656	DBF4-type zinc finger-containing protein 2 homolog OS=Mus musculus OX=10090 GN=Zdbf2 PE=2 SV=1	21820,7	24035,72	24223,08	22656,42	27713,78	24863,45	19440,27	19759,33
Q9D0L4	3	1	13,48	0,786392	1,077224	AarF domain-containing protein kinase 1 OS=Mus musculus OX=10090 GN=Adck1 PE=1 SV=1	1976,423	1891,966	2108,773	2068,237	2063,416	2092,513	2323,603	2187,163
A0A0R4J0D3	9	1	66,3931	0,78694	1,503957	Dolichyl-diphosphooligosaccharide--protein glycotransferase OS=Mus musculus OX=10090 GN=Stt3b PE=1 SV=1	3514,475	3400,991	4476,259	489,8715	344,1414	1348,083	2853,255	3354,744
B1AWE0;B1AWD8;B1AWD9;B1AWE1;O08585;Q6PFA2	6	1	42,0557	0,787086	1,411335	Clathrin light chain OS=Mus musculus OX=10090 GN=Cltb PE=1 SV=1	872,6438	1519,589	276,2713	251,1547	978,8612	350,3281	865,1871	1779,927
Q8BKS9;A0A0N4SUH4;A0A494BBI7	32	7	205,3988	0,787086	1,314811	Pumilio homolog 3 OS=Mus musculus OX=10090 GN=Pum3 PE=1 SV=2	7688,872	20210,73	5768,129	8390,13	9871,863	7188,503	7400,801	7526,596
Q80Y14;A0A1Y7VN70	11	2	91,9893	0,787448	1,066092	Glutaredoxin-related protein 5, mitochondrial OS=Mus musculus OX=10090 GN=Glx5 PE=1 SV=2	369,016	362,5536	269,3667	344,5688	371,2423	381,1952	255,0348	254,6186
Q8CDU5	14	1	64,9909	0,788017	1,144235	EF-hand domain-containing family member B OS=Mus musculus OX=10090 GN=Efhb PE=1 SV=2	1038,98	1163,961	919,2995	1774,989	1148,85	1129,873	1072,377	928,8144
G5E870;A0A087WNZ7;A0A087WP92;A0A087WQ02;A0A087WRV6;A0A0B4J1N9;Q3TP48	71	8	430,4143	0,788358	1,124838	E3 ubiquitin-protein ligase TRIP12 OS=Mus musculus OX=10090 GN=Trip12 PE=1 SV=1	4663,774	6044,181	4693,482	5356,036	5936,766	8148,37	4262,901	5000,749
Q6PGH2	4	1	21,1336	0,788448	1,328384	Jupiter microtubule associated homolog 2 OS=Mus musculus OX=10090 GN=Jpt2 PE=1 SV=1	643,1514	1224,568	494,3872	483,8125	737,1162	1118,119	475,5737	229,596
Q3TUQ7;Q5EG47	4	1	20,5529	0,789315	1,543011	Acetyl-CoA carboxylase kinase OS=Mus musculus OX=10090 GN=Prkaa1 PE=1 SV=1	0,855014	2,034967	1,593276	26,7688	4,265489	0	6,570988	9,417472
Q9CQ47	2	1	12,525	0,789563	1,543207	Spermatid-associated-like OS=Mus musculus OX=10090 GN=Spertl PE=2 SV=1	160,4379	82,55183	48,76464	149,7752	52,74721	365,0534	134,4694	105,7651
Q3UQ44	15	2	91,8748	0,789816	9,527328	Ras GTPase-activating-like protein IQGAP2 OS=Mus musculus OX=10090 GN=Iqgap2 PE=1 SV=2	121,4798	67,0192	5367,437	109,8495	230,382	115,1205	231,6627	180,2949
Q91Z50;P39749	11	3	80,4855	0,790403	1,094348	Flap endonuclease 1 OS=Mus musculus OX=10090 GN=Fen1 PE=1 SV=1	6076,615	5781,835	5477,095	6792,859	7464,52	7384,119	5495,27	4568,986
O55222	22	6	142,7942	0,79047	1,259585	Integrin-linked protein kinase OS=Mus musculus OX=10090 GN=Ilk PE=1 SV=2	4464,169	2951,241	3325,75	4960,677	2509,238	3735,251	5779,762	7753,554

Q7TSV4	3	1	13,0825	0,790608	1,139094	Phosphoglucomutase-2 OS=Mus musculus OX=10090 GN=Pgm2 PE=1 SV=1	3542,821	2661,107	1637,885	3964,777	3325,996	1693,287	3031,251	3323,014
Q9JKB1;A0A2I3BQ39;P583 21	17	4	129,9689	0,790766	1,094317	Ubiquitin carboxyl-terminal hydrolase isozyme L3 OS=Mus musculus OX=10090 GN=Uchl3 PE=1 SV=2	1513,305	1017,335	1477,298	1177,416	1257,141	1678,969	1075,933	1094,788
QOVGT2;A0A1B0GXX7;A5 AA27	8	2	31,2557	0,791385	1,026	Zinc finger protein GLI2 OS=Mus musculus OX=10090 GN=Gli2 PE=1 SV=2	310,1725	78,18027	130,6872	227,8081	44,39287	62,88637	417,7785	241,2085
O70456	35	4	212,8365	0,79169	1,067695	14-3-3 protein sigma OS=Mus musculus OX=10090 GN=Sfn PE=1 SV=2	1955,149	1433,832	1971,398	2475,666	2154,431	2025,447	2056,617	1845,558
Q9CYN9	6	1	40,8233	0,79266	1,097707	Renin receptor OS=Mus musculus OX=10090 GN=Atp6ap2 PE=1 SV=2	3923,799	3502,501	3133,052	4099,896	2671,626	3405,208	3904,161	3596,061
Q9QUI0;A0A0A6YXF6	18	1	100,5093	0,792817	1,314108	Transforming protein RhoA OS=Mus musculus OX=10090 GN=Rhoa PE=1 SV=1	2760,033	409,8711	252,3591	752,6607	1256,071	348,641	895,8335	676,4552
Q02819;A0A1B0GR41;A0A 1B0GR92;A0A1B0GS16;A0 A1B0GT83;A0A1C7CYU3	38	9	265,3567	0,792819	1,064897	Nucleobindin-1 OS=Mus musculus OX=10090 GN=Nucb1 PE=1 SV=2	7955,44	8453,071	7120,287	8572,305	8872,076	8628,467	6316,223	6328,036
P47962;D3YYV8	40	19	248,5128	0,793311	1,071435	60S ribosomal protein L5 OS=Mus musculus OX=10090 GN=Rpl5 PE=1 SV=3	6027,769	7524,047	4769,501	7617,599	8045,293	5252,22	6582,266	6154,302
Q9CQN1	67	21	455,3631	0,793318	1,082531	Heat shock protein 75 kDa, mitochondrial OS=Mus musculus OX=10090 GN=Trap1 PE=1 SV=1	113022,3	140299,2	103974,2	115268,6	136591,3	117279,1	101041	81625,35
P54775;A0A140LIZ5	36	7	265,1827	0,793702	1,074422	26S proteasome regulatory subunit 6B OS=Mus musculus OX=10090 GN=Psmc4 PE=1 SV=2	4940,504	5772,256	4080,641	5536,635	6539,435	4565,966	5836,931	4900,697
P62869;A0A3B2WBM3	5	1	33,393	0,793842	1,140932	Elongin-B OS=Mus musculus OX=10090 GN=Elob PE=1 SV=1	1637,282	2162,547	2414,235	3098,699	3161,597	1698,111	2741,453	2261,53
Q61207	22	2	150,4923	0,795048	1,079425	Prosaposin OS=Mus musculus OX=10090 GN=Psap PE=1 SV=2	3347,75	2497,342	9878,24	5245,14	6284,281	4241,876	7433,625	4608,629
Q9QXK7;A0A1Y7VLY3	6	3	27,5455	0,79541	1,046839	Cleavage and polyadenylation specificity factor subunit 3 OS=Mus musculus OX=10090 GN=Cpsf3 PE=1 SV=2	733,576	850,0512	817,4288	838,3416	786,5765	873,3096	691,2661	743,3042
P25911	14	3	64,3205	0,796045	1,097091	Tyrosine-protein kinase Lyn OS=Mus musculus OX=10090 GN=Lyn PE=1 SV=4	760,267	670,9827	645,2414	850,2819	341,5265	571,9265	1038,092	716,2125
Q99JB2;A2AG39;A2AG41; F6WI02	29	12	214,8887	0,796115	1,072819	Stomatin-like protein 2, mitochondrial OS=Mus musculus OX=10090 GN=Stoml2 PE=1 SV=1	11387	10317,67	11693,06	11179,32	12979,61	13811,33	9694,871	10027,86
P97324;G3UWD6	33	1	222,0023	0,796175	1,121835	Glucose-6-phosphate 1-dehydrogenase 2 OS=Mus musculus OX=10090 GN=G6pd2 PE=1 SV=3	1246,293	1120,794	1078,41	1181,74	499,212	994,5234	1213,861	1689,199
B9EJ86;A0A0R4J150;A0A5 F8MPCS	37	5	220,8764	0,796816	1,042262	Oxysterol-binding protein-related protein 8 OS=Mus musculus OX=10090 GN=Osbp18 PE=1 SV=1	2701,973	1971,621	2618,082	2640,502	2399,66	2538,964	2272,565	2654,095

Q6V3W6	9	2	33,8603	0,797286	1,226999	Dynein regulatory complex subunit 7 OS=Mus musculus OX=10090 GN=Drc7 PE=1 SV=4	1537,098	1631,894	4134,204	1940,568	2392,455	1175,845	1897,823	2067,511
Q8VD04;A2AEW5;A2AEW6	39	1	217,7289	0,797812	1,108262	GRIP1-associated protein 1 OS=Mus musculus OX=10090 GN=Gripap1 PE=1 SV=1	3306,695	4942,233	4135,265	2517,542	3379,575	3410,557	4766,986	3933,526
Q91ZW3	83	19	564,2908	0,798318	1,074548	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5 OS=Mus musculus OX=10090 GN=Smarca5 PE=1 SV=1	11602,18	8729,687	10828,88	12030,67	14482,23	11418,5	9578,242	9577,972
P26040	65	6	415,4868	0,798846	1,024725	Ezrin OS=Mus musculus OX=10090 GN=Ezr PE=1 SV=3	5328,628	5474,974	5547,946	5559,471	5875,34	5683,266	5033,408	5059,07
Q8BYB9	1	1	11,1138	0,79916	1,119571	Protein O-glucosyltransferase 1 OS=Mus musculus OX=10090 GN=Poglut1 PE=1 SV=2	1038,001	1043,033	765,4752	990,6457	1303,847	457,2283	991,3447	855,1505
P19246	53	4	283,9512	0,79962	1,040209	Neurofilament heavy polypeptide OS=Mus musculus OX=10090 GN=Nefh PE=1 SV=3	2912,309	2184,283	2380,615	3497,292	2875,678	2826,543	2830,934	2882,622
Q0KLO2;A0A2I3BRP6	33	4	172,8695	0,800316	1,117603	Triple functional domain protein OS=Mus musculus OX=10090 GN=Trio PE=1 SV=3	4445,035	2776,103	5495,168	4923,067	3826,916	3149,108	4824,876	3982,32
Q9DCC8;A0A1D5RLZ6	6	1	47,8765	0,801204	3,085998	Mitochondrial import receptor subunit TOM20 homolog OS=Mus musculus OX=10090 GN=Tomm20 PE=1 SV=1	90,04712	11,225	113,865	29,18652	81,27102	0	232,3914	440,3199
Q9CR60	2	2	20,0373	0,801504	1,142847	Vesicle transport protein GOT1B OS=Mus musculus OX=10090 GN=Golt1b PE=1 SV=1	4881,482	3809,795	2519,402	5119,748	3715,547	4128,872	2528,817	3916,014
B2RY56;S4R1X9;S4R2A4;S4R2B0;S4R2F7;S4R2J1	37	15	214,8499	0,801584	1,066084	RNA-binding protein 25 OS=Mus musculus OX=10090 GN=Rbm25 PE=1 SV=2	15204,92	14712,17	11851,66	16288,09	16188,75	14965,34	12022,8	12048,7
P56135;F8WHP8	8	5	50,0956	0,802621	1,071703	ATP synthase subunit f, mitochondrial OS=Mus musculus OX=10090 GN=Atp5mf PE=1 SV=3	20742,24	17309,96	17642,86	18565,93	24968,54	17852,2	15348,95	16599,74
P08752;A0A0A6YWA9;A2A610;A2AE31	31	5	269,8933	0,802875	1,090782	Guanine nucleotide-binding protein G(i) subunit alpha-2 OS=Mus musculus OX=10090 GN=Gnai2 PE=1 SV=5	8874,622	6514,896	5315,35	8881,444	9535,388	5567,969	7963,473	6970,543
Q8CCJ3	31	5	177,1851	0,803156	1,055783	E3 UFM1-protein ligase 1 OS=Mus musculus OX=10090 GN=Ufl1 PE=1 SV=2	1535,665	1279,904	1331,812	1643,083	1382,102	1222,741	1625,656	1459,022
A0A0N4SVQ1;Q62425	14	8	96,1449	0,803898	1,081514	Cytochrome c oxidase subunit NDUFA4 OS=Mus musculus OX=10090 GN=Ndufa4 PE=1 SV=1	21224,59	13286,6	17832,87	19494,14	19302,8	20258,89	15975,26	15168,04
F7CJ77;J9S2Z5;J9S314;J9S VL3;J9T120;J9T153;Q5F4S6;Q5F4S7;Q5F4S8;Q5F4S9;Q5F4T0	10	1	48,2726	0,804189	1,112911	Transient receptor potential cation channel, subfamily M, member 3 OS=Mus musculus OX=10090 GN=Trpm3 PE=1 SV=1	662,3854	750,9632	1282,289	736,2846	850,723	1062,915	637,6647	532,4325
Q8BM55	8	1	53,0881	0,804519	6,273395	Transmembrane protein 214 OS=Mus musculus OX=10090 GN=Tmem214 PE=1 SV=1	144,8477	496,2406	6404,321	134,6722	2085,223	612,8889	87,60234	78,07046
Q9CPR4;Q6ZWZ7	30	9	156,2231	0,80453	1,115109	60S ribosomal protein L17 OS=Mus musculus OX=10090 GN=Rpl17 PE=1 SV=3	546,0476	823,5259	697,0974	543,1864	498,9087	424,9751	682,5718	733,9943

Q8BKX1;B1AZ46	22	1	131,2485	0,805589	1,141708	Brain-specific angiogenesis inhibitor 1-associated protein 2 OS=Mus musculus OX=10090 GN=Baiap2 PE=1 SV=2	1133,435	1680,832	899,9341	940,4422	752,0439	1557,496	1125,4	783,8721
P28738;A2ARD4	88	11	589,5398	0,80579	1,098959	Kinesin heavy chain isoform 5C OS=Mus musculus OX=10090 GN=Kif5c PE=1 SV=3	6695,963	6076,508	7646,136	7378,84	10008,98	5803,297	6468,721	6856,649
A0A140T8S1	11	2	47,5027	0,806612	1,451087	A-kinase anchor protein 9 (Fragment) OS=Mus musculus OX=10090 GN=Akap9 PE=1 SV=2	354,9393	283,045	726,5134	227,8647	597,5495	229,7928	105,2751	1068,572
Q571C7;F8VQC2	15	3	74,7872	0,808269	1,166008	Transcription factor TFIIIB component B" homolog OS=Mus musculus OX=10090 GN=Bdp1 PE=2 SV=2	2531,181	1937,053	2266,369	4982,298	1983,768	1842,194	4191,201	4464,127
Q9ERS2	12	5	73,9535	0,808431	1,059637	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13 OS=Mus musculus OX=10090 GN=Ndufa13 PE=1 SV=3	8837,545	8194,402	7639,86	8419,675	9696,595	9502,353	7013,698	7799,648
Q9QUJ7	45	7	331,4704	0,809977	1,098754	Long-chain-fatty-acid--CoA ligase 4 OS=Mus musculus OX=10090 GN=Acs14 PE=1 SV=2	4605,208	3235,546	2786,391	4171,885	3565,34	2843,392	3470,935	3589,251
Q6NVF9;H3BJ30;H3BJW3;H3BKW0;H3BLM9	27	8	181,6948	0,810112	1,135757	Cleavage and polyadenylation specificity factor subunit 6 OS=Mus musculus OX=10090 GN=Cpsf6 PE=1 SV=1	4652,691	4445,743	2289,434	3738,578	3109,294	2716,504	3790,651	3701,933
Q88952	5	1	20,5997	0,810782	1,166917	Protein lin-7 homolog C OS=Mus musculus OX=10090 GN=Lin7c PE=1 SV=2	209,5283	171,8767	248,8133	129,4029	135,7052	312,4859	186,8339	251,3901
Q3TBW2;A2A715	11	2	93,6568	0,810893	1,168136	39S ribosomal protein L10, mitochondrial OS=Mus musculus OX=10090 GN=Mrp10 PE=1 SV=2	714,3147	852,9309	867,3892	612,8096	1322,653	664,957	592,1526	716,1346
Q78IK2	4	1	43,7139	0,811219	1,271582	ATP synthase membrane subunit K, mitochondrial OS=Mus musculus OX=10090 GN=Atp5mk PE=1 SV=1	159,2075	247,5058	394,6683	229,1254	238,4074	465,2298	249,4051	209,6415
P70451;Q3TZJ5	11	1	61,8797	0,811635	1,407791	Tyrosine-protein kinase Fer OS=Mus musculus OX=10090 GN=Fer PE=1 SV=2	73,91355	21,64548	25,81308	48,58417	12,64021	37,18026	31,45229	39,45277
O54834;A2ALX6;A2ALX7;G3UZ17	13	1	67,1353	0,812023	1,064038	Rho GTPase-activating protein 6 OS=Mus musculus OX=10090 GN=Arhgap6 PE=1 SV=3	1665,826	688,9764	2955,754	1459,591	2082,525	1225,46	1629,735	1759,421
Q60899;B1AXZ0;B1AXZ4;B1AXZ5;B1AXZ6;H3BLG7;Q3UR02;Q80UJ0;Q80Y51	36	5	295,1021	0,812107	1,043348	ELAV-like protein 2 OS=Mus musculus OX=10090 GN=Elavl2 PE=1 SV=1	10777,2	10296,08	9668,81	10963,9	11863,58	11744,29	9443,023	8922,372
A7XUZ6	5	1	20,6158	0,81214	1,636871	Selection and upkeep of intraepithelial T-cells protein 6 OS=Mus musculus OX=10090 GN=Skint6 PE=2 SV=1	62,89841	50,05469	84,8555	60,19553	169,9951	27,50003	81,53524	140,6289
Q9Z0P4;A0A1W2P831;Q3UZP7	18	4	113,645	0,813273	1,173411	Paralemm-1 OS=Mus musculus OX=10090 GN=Palm PE=1 SV=1	656,6456	787,1443	287,9154	544,9742	334,3869	960,7537	820,8542	555,4863
Q8BKE6	7	1	33,4198	0,813416	1,200998	Cytochrome P450 20A1 OS=Mus musculus OX=10090 GN=Cyp20a1 PE=1 SV=1	579,4953	927,1021	335,0805	573,8443	659,5025	928,4991	410,1694	526,4761
Q920E5;A0A0G2JE82	19	3	181,6258	0,813712	1,098323	Farnesyl pyrophosphate synthase OS=Mus musculus OX=10090 GN=Fdps PE=1 SV=1	9382,036	6499,426	4785,044	9698,69	8103,806	4835,81	10774	4134,033

Q8K4X7	6	1	25,4654	0,813983	1,071345	1-acyl-sn-glycerol-3-phosphate acyltransferase delta OS=Mus musculus OX=10090 GN=Agpat4 PE=1 SV=1	773,4719	927,2299	542,0975	581,2292	798,2395	674,919	722,1393	830,2116
Q32MG2	2	1	14,3119	0,814043	1,247527	Protein chibby homolog 2 OS=Mus musculus OX=10090 GN=Cby2 PE=1 SV=2	437,6273	307,2404	202,6796	429,2614	275,6194	122,3874	344,6658	360,9577
Q64332	21	8	163,1421	0,815554	1,055608	Synapsin-2 OS=Mus musculus OX=10090 GN=Syn2 PE=1 SV=2	14158,5	9624,221	11985,2	16459,23	15280,57	14800,83	12406,42	12643,56
Q9CQA3	36	19	229,344	0,816304	1,061825	Succinate dehydrogenase [ubiquinone] iron- sulfur subunit, mitochondrial OS=Mus musculus OX=10090 GN=Sdhd PE=1 SV=1	24940,16	17872,71	18561,03	23687,04	24606,58	23723,96	18057,28	18551,47
Q8K202;G8JL51	3	1	13,8226	0,816902	1,280834	DNA-directed RNA polymerase I subunit RPA49 OS=Mus musculus OX=10090 GN=Polr1e PE=1 SV=2	818,5383	601,2785	389,8355	1166,359	414,7202	446,448	674,5382	787,7893
Q9ESL0;A0A0R4J198;Q9JJ N4	4	1	25,3705	0,817835	1,191622	Succinyl-CoA:3-ketoacid coenzyme A transferase 2B, mitochondrial OS=Mus musculus OX=10090 GN=Oxct2b PE=2 SV=1	383,6188	119,6128	85,85319	520,6874	22,25301	222,4369	334,5702	454,5606
P62137	29	6	195,6719	0,817873	1,059103	Serine/threonine-protein phosphatase PP1- alpha catalytic subunit OS=Mus musculus OX=10090 GN=Ppp1ca PE=1 SV=1	14876,7	6399,766	12427,67	17912,82	17248,38	13397,84	12085,28	11483,32
Q8BRF7;A0A1W2P6R7	40	6	244,0571	0,818434	1,102327	Sec1 family domain-containing protein 1 OS=Mus musculus OX=10090 GN=Scd1 PE=1 SV=1	2913,019	2785,579	2333,725	3803,918	4358,891	2457,545	2981,905	2535,005
Q9D945;A0A1W2P865	8	1	58,895	0,818508	1,258768	Protein LLP homolog OS=Mus musculus OX=10090 GN=Lph PE=1 SV=1	54,8339	52,434	26,51816	98,82034	46,81613	41,70532	58,8222	42,5025
P60487	8	1	49,2322	0,819713	1,242741	Chronophin OS=Mus musculus OX=10090 GN=Pdpx PE=1 SV=1	2654,553	1371,04	1791,801	2231,739	433,177	2952,538	3455,4	3161,872
P60879	21	4	130,5762	0,820102	1,047726	Synaptosomal-associated protein 25 OS=Mus musculus OX=10090 GN=Snap25 PE=1 SV=1	1779,457	1624,379	1895,916	1920,914	1365,219	1715,271	1827,465	1983,796
P50516;D3YWH3;D3YZ23; D3Z1B9	58	23	463,4943	0,820119	1,028062	V-type proton ATPase catalytic subunit A OS=Mus musculus OX=10090 GN=Atp6v1a PE=1 SV=2	11354,46	10830,58	11598,82	13549,9	11382,93	13047,48	11952,31	12279,33
P35585 Q9CWZ3;A0A0G2JEA9;A0 A0G2JFX7;A0A0N4SUH6;P 42225	19	5	140,8911	0,822238	1,14004	AP-1 complex subunit mu-1 OS=Mus musculus OX=10090 GN=Ap1m1 PE=1 SV=3	3091,093	3677,146	2154,862	4668,193	3927,273	3306,263	2690,525	2827,064
Q9CQ92;D3YZ32;G3X9U9 Q80WJ7;E9PUX0;F6QFT1; F6QHD1;F6ZQL0;F6ZSG0	11	2	80,4252	0,822916	3,127441	RNA-binding protein 8A OS=Mus musculus OX=10090 GN=Rbm8a PE=1 SV=4	268,2065	2435,865	51,93105	295,3404	158,4637	117,0615	319,7622	380,3802
	12	3	95,3657	0,823174	1,144163	Mitochondrial fission 1 protein OS=Mus musculus OX=10090 GN=Fis1 PE=1 SV=1	3476,706	5317,689	2573,258	3637,238	3549,864	4914,471	2665,133	2760,417
	34	8	207,9057	0,823311	1,136262	Protein LYRIC OS=Mus musculus OX=10090 GN=Mtdh PE=1 SV=1	4116,319	2484,254	3008,163	2761,827	2623,259	3110,859	3239,616	1936,529
Q9DCE5	5	2	29,1803	0,823955	1,083028	p21-activated protein kinase-interacting protein 1 OS=Mus musculus OX=10090 GN=Pak1ip1 PE=1 SV=2	760,4796	483,6522	494,8924	490,1206	350,4465	784,1131	535,2645	388,4273

Q6A009	4	1	18,5262	0,823966	1,464025	E3 ubiquitin-protein ligase listerin OS=Mus musculus OX=10090 GN=Ltn1 PE=1 SV=3	147,173	73,05711	18,05395	190,0272	18,11804	180,4049	76,84157	27,6983
P40124;B1ARSO	23	6	183,7289	0,824039	1,095233	Adenylyl cyclase-associated protein 1 OS=Mus musculus OX=10090 GN=Cap1 PE=1 SV=4	2317,246	1597,08	2031,196	3242,656	1933,641	2538,02	2679,611	2392,331
Q922W5;A2ABZ2	14	1	87,7538	0,824413	1,482892	Pyrroline-5-carboxylate reductase 1, mitochondrial OS=Mus musculus OX=10090 GN=Pycr1 PE=1 SV=1	239,6354	89,7985	69,56943	346,672	89,33834	99,88158	147,8718	165,7603
Q8R4X3;F6YJB6;V9GXJ1	5	2	22,9727	0,824492	1,6078	RNA-binding protein 12 OS=Mus musculus OX=10090 GN=Rbm12 PE=1 SV=3	128,1807	254,3202	527,3605	53,49907	12,42507	581,9513	98,14047	169,8158
Q9D855;Q9CQB4	11	3	95,783	0,824771	1,035287	Cytochrome b-c1 complex subunit 7 OS=Mus musculus OX=10090 GN=Uqcrb PE=1 SV=3	4651,193	4138,605	3791,374	3892,454	4063,239	4495,598	3761,872	3591,427
O70340	1	1	4,4202	0,824831	1,354716	Neuronal pentraxin-2 OS=Mus musculus OX=10090 GN=Nptx2 PE=2 SV=1	1305,893	3024,772	612,8367	1365,109	1294,248	794,6763	1175,234	1392,62
E9Q7G1;D3YZZ5	10	1	55,0806	0,824833	1,127871	Transmembrane p24-trafficking protein 7 OS=Mus musculus OX=10090 GN=Tmed7 PE=1 SV=1	2179,014	2811,191	1363,84	2377,805	1851,822	2045,222	3015,952	1662,712
Q8R5K4	12	3	71,1787	0,825657	1,07768	Nucleolar protein 6 OS=Mus musculus OX=10090 GN=Nol6 PE=2 SV=2	1046,388	407,8474	1171,462	1177,762	1274,187	1197,667	777,5478	849,5096
P57080	4	1	17,3573	0,827202	1,572307	Ubiquitin carboxyl-terminal hydrolase 25 OS=Mus musculus OX=10090 GN=Usp25 PE=1 SV=2	388,2412	63,40727	545,9379	85,49441	135,971	30,69109	192,2879	385,2259
P28667	15	9	97,8222	0,828031	1,076017	MARCKS-related protein OS=Mus musculus OX=10090 GN=Marcks1 PE=1 SV=2	9940,432	7290,041	6072,21	8195,017	9519,707	9697,049	7549,314	7125,98
A0A0J9YTY0;A0A0J9YUL3; A0A0J9YUV6;A0A0J9YVA6; Q8C1B7	25	5	169,5208	0,828596	1,086813	Septin OS=Mus musculus OX=10090 GN=Septin11 PE=1 SV=1	909,3854	1353,661	1216,979	905,9677	1338,764	1358,161	1105,704	800,3185
O54774	24	3	139,6235	0,828932	1,313864	AP-3 complex subunit delta-1 OS=Mus musculus OX=10090 GN=Ap3d1 PE=1 SV=1	8549,18	5060,218	2590,174	12376,93	5054,047	7900,996	4660,414	4586,185
P54822;A0A0G2JFI8;A0A1 40LHU1;E9Q0A0;E9Q242; E9Q3T7	32	13	192,6875	0,829144	1,069441	Adenylosuccinate lyase OS=Mus musculus OX=10090 GN=Adsl PE=1 SV=2	15082,62	10930,74	15326,61	17331,3	14962,3	14726,99	14806,49	12595,27
P10649;A2AE89;F6WHQ7; P19639	20	2	163,2143	0,829511	1,305377	Glutathione S-transferase Mu 1 OS=Mus musculus OX=10090 GN=Gstm1 PE=1 SV=2	210,3106	421,8983	297,8141	184,3557	168,8695	623,023	286,2682	272,8579
Q8K224	58	11	369,1877	0,82988	1,098031	RNA cytidine acetyltransferase OS=Mus musculus OX=10090 GN=Nat10 PE=1 SV=1	12573,72	15777,99	8711,494	12685,43	12606,15	12263,3	10404,88	10032,82
Q9JKF7	15	3	100,7208	0,830072	1,044242	39S ribosomal protein L39, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl39 PE=1 SV=4	2580,422	2737,057	2097,98	2568,739	2713,134	2561,898	2311,83	2000,674
Q8VE88	29	5	164,938	0,830339	1,094953	Protein FAM114A2 OS=Mus musculus OX=10090 GN=Fam114a2 PE=1 SV=2	1791,536	1241,83	1030,19	1362,309	1137,077	1396,202	1161,128	1260,932
Q9Z2N8;A0A0A6YWG8;D3 YVN1	24	2	181,1743	0,831779	1,125151	Actin-like protein 6A OS=Mus musculus OX=10090 GN=Actl6a PE=1 SV=2	1478,581	712,5946	1235,952	1323,282	978,6619	1173,879	1082,853	986,6259

Q6NZL6;E9Q2M2;G3UW83	5	1	24,7461	0,831995	1,17241	Tonsoku-like protein OS=Mus musculus OX=10090 GN=Tonsl PE=1 SV=2	575,5789	478,5238	746,8896	560,4656	237,365	518,8304	582,9649	734,7278
A0A0J9YV30;A0A1D5RMM8;F8VQ28;Q8VI36	6	1	27,8621	0,832135	1,166397	Paxillin OS=Mus musculus OX=10090 GN=Pxn PE=1 SV=1	258,1624	332,0149	229,2505	272,8011	221,1356	161,6823	439,0011	407,3722
Q6ZQ08;A0A1D5RM04;A0A1D5RMB6;A0A1D5RMD8;A0A1D5RMJ8;A0A1D5RML9;B7ZWL1	117	22	761,7823	0,832451	1,029276	CCR4-NOT transcription complex subunit 1 OS=Mus musculus OX=10090 GN=Cnot1 PE=1 SV=2	8210,418	9738,806	8273,57	9784,124	9498,652	7812,174	9064,983	8606,95
P00375	19	1	132,0221	0,832528	1,168501	Dihydrofolate reductase OS=Mus musculus OX=10090 GN=Dhfr PE=1 SV=3	194,7559	223,5972	274,1485	279,7952	363,8871	191,3284	235,398	118,7475
Q91W90;A0A0R4J1Y7;E9PXX7	27	8	177,7788	0,833336	1,036216	Thioredoxin domain-containing protein 5 OS=Mus musculus OX=10090 GN=Txndc5 PE=1 SV=2	8647,409	8138,04	7633,078	9219,043	9001,594	8624,705	7180,835	7771,01
Q8CHY6;A0A1D5RM07;A0A1D5RM58;A0A17Q4G8;E9QMN5	23	5	136,8358	0,833637	1,058114	Transcriptional repressor p66 alpha OS=Mus musculus OX=10090 GN=Gatad2a PE=1 SV=2	3199,198	1483,666	3554,484	2794,813	3350,672	3198,466	2539,473	2584,674
Q5XG71;E9QK83	12	2	74,4939	0,833669	1,814168	Small subunit processome component 20 homolog OS=Mus musculus OX=10090 GN=Utp20 PE=1 SV=2	35,61375	343,694	52,63384	29,90097	13,99209	32,03966	70,22032	138,3233
P17156	101	5	522,6133	0,833738	1,059861	Heat shock-related 70 kDa protein 2 OS=Mus musculus OX=10090 GN=Hspa2 PE=1 SV=2	73995,79	62040,59	55445,98	75193,27	69187,95	74657,82	57441,53	60565,16
P29319;B7ZNN5;Q8BRB1	10	3	62,5749	0,833883	1,143119	Ephrin type-A receptor 3 OS=Mus musculus OX=10090 GN=Epha3 PE=1 SV=1	2002,596	2102,532	4188,506	2910,793	2425,955	2973,892	2466,242	2324,97
Q61941;E9Q8F4;Q8BGK0;Q8C9V5	52	12	351,3419	0,833918	1,061023	NAD(P) transhydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Nnt PE=1 SV=2	6666,505	7323,678	4954,856	6835,587	5693,549	7341,451	6075,507	5347,348
P61027	24	4	152,9073	0,834033	1,086038	Ras-related protein Rab-10 OS=Mus musculus OX=10090 GN=Rab10 PE=1 SV=1	3245,797	2658,414	2538,492	3548,927	3699,023	3338,947	2749,547	2955,473
Q9QXB9	17	4	117,1719	0,834085	1,060769	Developmentally-regulated GTP-binding protein 2 OS=Mus musculus OX=10090 GN=Drg2 PE=1 SV=1	4908,587	4070,416	4953,863	5943,401	4568,646	3415,898	5533,236	5222,532
B1AWM5;Q3UNV4	3	1	19,599	0,835521	1,188969	Cytochrome P450, family 2, subfamily j, polypeptide 13 OS=Mus musculus OX=10090 GN=Cyp2j13 PE=3 SV=1	685,7823	487,5376	254,4183	344,5896	140,6228	215,2596	727,8083	664,5116
Q924T3;A0A0R4J024	3	1	14,6031	0,83616	1,300967	DNA repair protein XRCC4 OS=Mus musculus OX=10090 GN=Xrcc4 PE=1 SV=1	999,9541	2550,63	378,1984	1803,949	828,1458	1652,447	2134,967	1220,806
Q9QZD9;A2AE03	23	7	154,6187	0,836517	1,072619	Eukaryotic translation initiation factor 3 subunit I OS=Mus musculus OX=10090 GN=Eif3i PE=1 SV=1	6602,289	4221,144	4844,148	7397,738	5559,933	5995,168	7187,228	5997,96
P21278	15	2	111,2055	0,836818	1,070951	Guanine nucleotide-binding protein subunit alpha-11 OS=Mus musculus OX=10090 GN=Gna11 PE=1 SV=1	1475,059	1175,49	1064,617	1272,986	979,8356	1286,221	1231,093	1236,587
Q62209;A0A0G2JGA9	34	5	181,3383	0,837027	1,111745	Synaptonemal complex protein 1 OS=Mus musculus OX=10090 GN=Sycp1 PE=1 SV=2	5541,127	4620,472	8476,523	7790,99	6504,262	7237,49	5198,927	4831,954



Q5BLK4;A0A286YDD7;A0A286YDH2;E9PUA2	7	1	39,0508	0,837143	1,08888	Terminal uridylyltransferase 7 OS=Mus musculus OX=10090 GN=Tut7 PE=1 SV=3	6761,553	5393,286	5307,38	6775,75	6398,651	7181,461	7743,392	5068,727
G3X8R0;A0A494BBE3;Q60870	8	3	61,8366	0,837368	1,045846	OS=Mus musculus OX=10090 GN=Reep5 PE=1 SV=1	2492,29	1861,241	1838,439	2182,772	2323,013	2379,804	1808,003	2215,423
Q7TT79	7	3	24,4947	0,837588	1,062336	Microcephalin OS=Mus musculus OX=10090 GN=Mcp1 PE=1 SV=1	1743,408	1093,968	1328,066	1731,469	1487,608	1819,142	1616,47	1148,493
Q9JLI8	5	1	24,9679	0,837874	1,286077	Squamous cell carcinoma antigen recognized by T-cells 3 OS=Mus musculus OX=10090 GN=Sart3 PE=1 SV=1	1647,697	3524,356	746,5114	2039,813	2018,098	1749,314	1104,529	1316,162
Q06185;Q8BTB6	8	4	64,4768	0,838011	1,061724	ATP synthase subunit e, mitochondrial OS=Mus musculus OX=10090 GN=Atp5me PE=1 SV=2	8883,128	7599,645	7055,753	8576,481	7677,714	9656,59	7243,94	6346,358
Q921K2	67	5	455,3976	0,838396	1,089163	Poly [ADP-ribose] polymerase OS=Mus musculus OX=10090 GN=Parp1 PE=1 SV=1	5989,457	6136,982	4929	8083,18	9003,252	5535,328	4510,751	5253,326
Q61881;D3Z6N3	66	26	477,571	0,839108	1,080363	DNA replication licensing factor MCM7 OS=Mus musculus OX=10090 GN=Mcm7 PE=1 SV=1	33669,93	26155,13	21287,67	31109,3	26092,91	31623,14	24059,84	22098,47
P01898	7	2	55,0863	0,839243	1,076879	H-2 class I histocompatibility antigen, Q10 alpha chain OS=Mus musculus OX=10090 GN=H2-Q10 PE=1 SV=3	661,0384	1155,029	370,8553	1084,884	1077,405	824,3215	932,0703	689,5426
A0A087WPR7	78	6	401,8916	0,839493	1,155856	Dystonin (Fragment) OS=Mus musculus OX=10090 GN=Dst PE=1 SV=1	2564,557	2346,408	5144,768	4391,101	3178,062	2515,964	3719,485	3085,307
Q6P1Y8;E9PVM3	4	1	17,0327	0,839585	1,05558	Type II inositol 3,4-bisphosphate 4-phosphatase OS=Mus musculus OX=10090 GN=Inpp4b PE=2 SV=1	6830,276	6704,034	6402,434	7307,954	7446,823	8089,186	6752,005	5212,615
Q5DTT3;A0A1Y7VLA4	35	5	197,0353	0,840305	1,091864	Protein TASOR 2 OS=Mus musculus OX=10090 GN=Tasor2 PE=1 SV=2	449,7674	490,6377	649,3037	403,4445	482,6033	390,5909	700,689	602,3687
Q9CXS4;F6SS03	18	6	111,4072	0,840387	1,071565	Centromere protein V OS=Mus musculus OX=10090 GN=Cenpv PE=1 SV=2	86,96606	324,4182	146,6474	159,5448	134,0385	160,7518	193,1653	280,9743
Q5SWZ5;F6S5I0;F6XZM9;P97434	64	5	361,0007	0,841558	1,084718	Myosin phosphatase Rho-interacting protein OS=Mus musculus OX=10090 GN=Mprip PE=1 SV=1	767,1838	1450,844	897,0562	651,8624	206,0457	509,3613	1321,664	1435,673
P62311	2	1	13,8316	0,841798	1,130268	U6 snRNA-associated Sm-like protein LSm3 OS=Mus musculus OX=10090 GN=Lsm3 PE=1 SV=2	309,797	404,4371	483,3211	275,7322	249,3311	317,1102	394,0886	467,5013
F6V035	5	1	27,5494	0,842443	1,36091	Coiled-coil domain-containing 149 OS=Mus musculus OX=10090 GN=Ccdc149 PE=1 SV=1	125,0922	49,63012	37,96642	446,639	32,70424	12,77257	246,2662	192,7326
Q8BJU0;A0A1W2P6P1;A0A1W2P7I5	18	3	132,46	0,842443	1,11963	Small glutamine-rich tetratricopeptide repeat-containing protein alpha OS=Mus musculus OX=10090 GN=Sgta PE=1 SV=2	2384,143	1969,402	2516,561	3774,519	2379,865	3839,864	2758,132	2019,506
P62334	26	8	203,3329	0,842765	1,045348	26S proteasome regulatory subunit 10B OS=Mus musculus OX=10090 GN=Psmc6 PE=1 SV=1	8374,822	7613,688	8611,557	9994,421	9826,956	9074,038	8277,008	8036,016

G3X9G4;F8WIV5;G3UY64; G3UZZ3;P39054;Q3T9X3; Q3TCR7	47	5	301,2487	0,842808	1,363413	Dynamin GTPase OS=Mus musculus OX=10090 GN=Dnm2 PE=1 SV=1	2077,897	8300,991	2865,382	2627,12	3631,555	2738,831	2815,404	3121,822
A0A1W2P7W3	28	3	141,3536	0,843293	1,108933	Protein-tyrosine-phosphatase OS=Mus musculus OX=10090 GN=Ptpkb PE=1 SV=1	5945,446	2887,002	3983,624	9441,517	5077,347	4335,762	7474,86	7794,2
Q9DA97	29	2	197,5614	0,843332	1,09621	Septin-14 OS=Mus musculus OX=10090 GN=Septin14 PE=1 SV=3	338,2954	274,518	100,198	510,7213	352,4383	257,7651	399,1484	332,1163
A0A1L1SSA4;A0A1L1SUF9; D3YVU3;F7AUV3;Q5DU05	36	4	186,0522	0,843585	1,07621	Centrosomal protein of 164 kDa OS=Mus musculus OX=10090 GN=Cep164 PE=1 SV=1	1088,506	700,915	719,1468	791,6303	747,2778	1025,366	666,3025	627,5538
Q8K013	3	1	20,8424	0,843619	1,225409	GTP-binding protein 10 OS=Mus musculus OX=10090 GN=Gtpbp10 PE=2 SV=1	1367,962	816,6477	659,4928	1748,368	989,3182	949,5606	914,7225	914,7145
Q6ZPR5;A0A338P695;A0A 338P6S3;A0A338P735;A0 A338P7L1	14	1	81,2318	0,84373	1,051915	Sphingomyelin phosphodiesterase 4 OS=Mus musculus OX=10090 GN=Smpd4 PE=1 SV=2	2101,437	1981,874	2118,978	2098,359	1152,605	2371,53	2158,966	2238,559
Q99J23	4	2	25,2132	0,843828	1,228918	GH3 domain-containing protein OS=Mus musculus OX=10090 GN=Ghdc PE=2 SV=2	1369,237	842,6933	667,8506	1942,263	1206,125	439,367	1212,744	1065,578
P17918	20	5	125,8864	0,843944	1,218957	Proliferating cell nuclear antigen OS=Mus musculus OX=10090 GN=Pcna PE=1 SV=2	4308,092	3362,625	5774,861	6041,675	9420,464	3545,951	4595,056	4200,95
Q9CYI4;A0A0R4J047;D3Z7 65;D6RGP6	24	4	177,8636	0,844129	1,081242	Putative RNA-binding protein Luc7-like 1 OS=Mus musculus OX=10090 GN=Luc7l PE=1 SV=2	2157,526	2787,911	1918,693	2065,314	2186,3	2190,942	2643,321	2050,937
Q7TSG2	7	1	32,8808	0,844809	4,437054	RNA polymerase II subunit A C-terminal domain phosphatase OS=Mus musculus OX=10090 GN=Ctdp1 PE=1 SV=1	823,9985	8,145196	960,746	735,7433	94,10538	205,6145	194,1498	76,02042
Q8VCD6	5	1	28,0068	0,845623	1,236729	Receptor expression-enhancing protein 2 OS=Mus musculus OX=10090 GN=Reep2 PE=1 SV=2	1668,257	781,4875	788,6159	2295,357	599,5479	1024,367	1302,33	1548,234
P85094	8	3	48,5958	0,8458	1,078097	Isochorismatase domain-containing protein 2A OS=Mus musculus OX=10090 GN=Isoc2a PE=1 SV=1	3777,424	2787,003	2812,94	4146,172	3794,355	2872,405	3252,731	3020,25
Q61550;A0A2I3BS25	6	1	36,6302	0,846588	1,188656	Double-strand-break repair protein rad21 homolog OS=Mus musculus OX=10090 GN=Rad21 PE=1 SV=3	480,4543	691,628	1002,879	343,8039	223,792	581,7259	662,9768	671,3294
Q91VJ5	1	1	4,8581	0,847079	2,303036	Polyglutamine-binding protein 1 OS=Mus musculus OX=10090 GN=Pqbp1 PE=1 SV=1	1091,412	1657,709	6,168806	1500,709	499,1656	842,6551	932,4087	448,8936
Q9Z0S1;A0A1B0GRV0;D3Z 0E6;D3Z5X0	23	6	155,1842	0,847133	1,045711	3'(2'),5'-bisphosphate nucleotidase 1 OS=Mus musculus OX=10090 GN=Bpnt1 PE=1 SV=2	11689,36	6934,761	13498,37	13272,03	13501	10079,6	12223,57	11213,13
G3UWE1;A0A1D5RLH3;AO A5F8MPU6;Q3TAN8;Q52L 67;Q9CY27	10	1	72,3932	0,847259	1,074738	Very-long-chain enoyl-CoA reductase OS=Mus musculus OX=10090 GN=Tecr PE=1 SV=1	7872,208	4681,704	5692,642	6525,953	7030,363	7601,939	6052,593	5275,527

Q99KQ4	18	5	107,1362	0,848024	1,056309	Nicotinamide phosphoribosyltransferase OS=Mus musculus OX=10090 GN=Nampt PE=1 SV=1	16983,26	9844,359	15810,66	15602,19	16135,62	16757,16	12649,05	15978,07
Q8K0C4	23	7	162,3978	0,848393	1,053276	Lanosterol 14-alpha demethylase OS=Mus musculus OX=10090 GN=Cyp51a1 PE=1 SV=1	4412,958	3994,811	2967,016	5125,092	4392,904	4439,047	3809,5	4737,474
P58501	10	4	61,5686	0,848669	1,225109	PAX3- and PAX7-binding protein 1 OS=Mus musculus OX=10090 GN=Paxbp1 PE=1 SV=3	295,0865	447,5206	437,7849	297,2771	396,7163	344,0926	429,884	322,0252
Q9CPT4	4	1	28,7989	0,849915	1,045911	Myeloid-derived growth factor OS=Mus musculus OX=10090 GN=Mydgf PE=1 SV=1	7996,781	8114,21	7615,617	8483,146	9774,838	8883,283	6832,428	6983,797
Q91W97	37	2	218,5716	0,849949	1,229032	Hexokinase HKDC1 OS=Mus musculus OX=10090 GN=Hkdc1 PE=2 SV=1	67,4207	59,54785	157,1125	105,225	69,3799	94,50638	77,91277	74,95914
P18654;A0A338P701;B1A XN9	30	3	178,4361	0,850287	1,059618	Ribosomal protein S6 kinase alpha-3 OS=Mus musculus OX=10090 GN=Rps6ka3 PE=1 SV=2	712,1323	663,5637	872,0606	782,4779	579,5321	928,9567	750,1739	670,6674
Q64355	3	1	19,5184	0,851736	1,372172	Embryonal Fyn-associated substrate OS=Mus musculus OX=10090 GN=Efs PE=1 SV=2	113,9765	84,02075	12,64372	168,5084	3,920394	56,60865	80,94133	219,7147
A0A2I3BR81;A0A2I3BQR1; A0A2I3BRL0;Q91X76	12	2	63,5236	0,852055	1,063409	5'-nucleotidase domain-containing 2 OS=Mus musculus OX=10090 GN=Nt5dc2 PE=1 SV=1	11071,81	9528,439	7922,331	10379,36	9799,337	9323,152	9397,416	8062,373
Q8BW41	4	1	19,4127	0,852371	1,281311	Protein O-linked-mannose beta-1,4-N-acetylglucosaminyltransferase 2 OS=Mus musculus OX=10090 GN=Pomgnt2 PE=1 SV=1	242,1869	364,4365	211,8894	514,6754	464,9321	169,0063	760,5053	117,393
P54923	19	1	102,6058	0,854409	1,341431	ADP-ribosylhydrolase ARH1 OS=Mus musculus OX=10090 GN=Adprh PE=1 SV=1	2788,823	11046,94	3605,653	3337,12	4349,547	4086,38	3428,75	3625,147
Q9R0Q7;D3Z7C6	11	4	83,6576	0,854505	1,092116	Prostaglandin E synthase 3 OS=Mus musculus OX=10090 GN=Ptges3 PE=1 SV=1	3999,043	3332,879	2770,948	4856,368	4515,979	2465,814	3274,347	4351,475
Q7TQH0;E9Q5Q0;J3QP59; Q3TGG2	36	4	241,4025	0,854585	1,236821	Ataxin-2-like protein OS=Mus musculus OX=10090 GN=Atxn2l PE=1 SV=1	1008,494	1014,252	780,5503	2435,404	1512,602	847,0163	993,8432	971,5417
Q9WV27	51	4	324,831	0,859443	1,071241	Sodium/potassium-transporting ATPase subunit alpha-4 OS=Mus musculus OX=10090 GN=Atp1a4 PE=1 SV=3	1212,654	988,6372	1187,454	867,4475	1152,346	877,114	1021,633	1077,298
P35279;D3YV69;O35963;Q 8BHD0	28	1	194,0104	0,860714	1,042812	Ras-related protein Rab-6A OS=Mus musculus OX=10090 GN=Rab6a PE=1 SV=4	5699,927	4896,402	5532,086	5929,86	6543,962	5790,367	4491,801	4621,255
E9QK39;A2CEE5;A2CEE6;A 2CEE7;E9PUP0;Q7TPS0	10	1	54,9721	0,861541	1,025385	Ribosomal protein S6 kinase OS=Mus musculus OX=10090 GN=Rps6ka6 PE=1 SV=1	4346,638	3741,049	3593,53	4210,06	4227,138	3784,683	3690,728	3816,763
Q9QZE5;Q7TNQ1	48	12	345,8858	0,861838	1,064327	Coatomer subunit gamma-1 OS=Mus musculus OX=10090 GN=Copg1 PE=1 SV=1	5917,819	4849,919	4453,721	6327,058	6257,195	4188,971	5552,95	4718,4
Q9Z0R4;E9Q0N0;E9Q3I4;E 9Q3I5;E9Q3I8;E9Q3I9;Q6N ZJ5	23	2	143,1386	0,861882	2,866526	Intersectin-1 OS=Mus musculus OX=10090 GN=Itsn1 PE=1 SV=2	42,5301	81,02103	17,93459	18,85426	65,23588	6,913807	265,0227	122,4463
Q922Q8	33	17	176,742	0,863151	1,025848	Leucine-rich repeat-containing protein 59 OS=Mus musculus OX=10090 GN=Lrrc59 PE=1 SV=1	44803,49	42295,46	39738,87	45047,05	46332,76	45210,3	37095,99	38914,94

Q00547	21	4	110,3384	0,863441	1,113795	Hyaluronan mediated motility receptor OS=Mus musculus OX=10090 GN=Hmnr PE=1 SV=4	774,4	798,8284	654,4516	838,9838	1264,246	815,2303	661,054	675,1051
Q9D881;A0A0A6YVR0;F7C106;P19536	11	5	81,5069	0,863495	1,057091	Cytochrome c oxidase polypeptide Vb OS=Mus musculus OX=10090 GN=Cox5b-ps PE=1 SV=1	24324,02	21644,67	19611,12	24283,51	26146,61	26871,14	20611,28	19557,43
Q61194	4	1	22,2115	0,863517	1,114024	Phosphatidylinositol 4-phosphate 3-kinase C2 domain-containing subunit alpha OS=Mus musculus OX=10090 GN=Pik3c2a PE=1 SV=2	370,3442	237,9075	79,35788	237,9205	287,7792	173,1113	280,8953	178,3506
P35278;A2A5F5;A2A5F6;Q8C266	20	4	126,5513	0,863356	1,074483	Ras-related protein Rab-5C OS=Mus musculus OX=10090 GN=Rab5c PE=1 SV=2	3288,175	2516,2	4457,623	3469,424	3783,409	3265,531	3220,818	2509,804
D3Z2J6;D3YYX0;Q9D710	2	1	17,0446	0,863651	1,219439	Thioredoxin domain-containing protein 14 OS=Mus musculus OX=10090 GN=Tmx2 PE=1 SV=1	1885,896	937,5927	628,975	1787,894	1058,081	1414,475	876,0397	1364,217
Q9D0B0;F6RTE1	13	1	84,1185	0,863385	1,080058	Serine/arginine-rich splicing factor 9 OS=Mus musculus OX=10090 GN=Srsf9 PE=1 SV=1	1457,887	1327,131	1696,854	1388,876	2417,445	1423,556	1048,659	826,0372
Q8K2M0	7	1	36,4554	0,864329	1,064366	39S ribosomal protein L38, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl38 PE=1 SV=2	2343,23	1999,77	1520,109	2100,896	1943,706	2148,469	1542,111	1848,107
Q9R1P4;A0A1B0GS70	26	5	177,3105	0,864481	1,102531	Proteasome subunit alpha type-1 OS=Mus musculus OX=10090 GN=Pma1 PE=1 SV=1	4239,771	8771,799	3972,488	4572,168	6266,789	5928,036	4892,773	4468,455
P39447;A0A0U1RPB2;A0A0U1RPW2;B9EHJ3	42	8	242,7847	0,865589	1,077752	Tight junction protein ZO-1 OS=Mus musculus OX=10090 GN=Tjp1 PE=1 SV=2	2071,964	2069,537	626,6878	2415,763	1872,765	1987,871	2012,442	1560,201
Q9EST5	17	1	87,1859	0,865917	1,106117	Acidic leucine-rich nuclear phosphoprotein 32 family member B OS=Mus musculus OX=10090 GN=Anp32b PE=1 SV=1	1971,252	1633,164	2623,396	1555,625	1708,638	1203,879	2131,501	1992,701
Q8BH69	6	2	43,261	0,866464	1,115399	Selenide, water dikinase 1 OS=Mus musculus OX=10090 GN=Seps1 PE=1 SV=1	264,4403	278,3385	363,1555	313,6007	195,4735	364,3528	442,2729	335,1331
Q3TPJ8;A2BFF5;A2BFF9	24	1	166,9822	0,866875	10,67098	Cytoplasmic dynein 1 intermediate chain 2 OS=Mus musculus OX=10090 GN=Dync1i2 PE=1 SV=1	12,29708	2706,982	281,5158	21,26885	9,186125	202,664	134,8261	117,6256
D3Z6P9	3	1	13,344	0,86712	1,206771	RNA helicase OS=Mus musculus OX=10090 GN=Ddx43 PE=1 SV=1	1181,952	458,9745	1651,641	1228,861	1006,452	1856,937	872,4314	976,2514
Q3UW53;E9PYV4	14	3	83,2412	0,867214	1,07182	Protein Niban 1 OS=Mus musculus OX=10090 GN=Niban1 PE=1 SV=2	5860,559	6055,604	5700,783	5982,19	7435,811	7137,991	5248,501	4685,023
P21300	4	2	18,6114	0,867335	1,125317	Aldo-keto reductase family 1 member B7 OS=Mus musculus OX=10090 GN=Akr1b7 PE=1 SV=4	339,2055	172,6519	179,7828	278,1713	188,324	229,5815	400,045	249,9417
P97346	9	1	62,3566	0,867684	1,13063	Nucleoredoxin OS=Mus musculus OX=10090 GN=Nxn PE=1 SV=1	909,5045	750,5111	576,0584	1516,914	1171,391	179,8596	1327,456	1337,607
Q6DFZ2;D3YVK9;D3Z412;F6W8R9;F7BX34	66	6	360,8333	0,867995	1,035702	Nesprin-2 (Fragment) OS=Mus musculus OX=10090 GN=Syne2 PE=1 SV=1	2320,011	2032,143	1567,322	2107,993	2174,445	1885,463	2121,001	2115,083
Q9CQD1	16	2	128,5895	0,868239	1,035814	Ras-related protein Rab-5A OS=Mus musculus OX=10090 GN=Rab5a PE=1 SV=1	6016,691	5939,082	5826,761	6746,469	6708,628	6665,79	5439,09	4867,393

Q9D4E6	61	8	349,2869	0,868892	1,153117	Polyadenylate-binding protein OS=Mus musculus OX=10090 GN=Pabpc6 PE=1 SV=1	1803,96	1589,839	3699,145	1893,37	2065,861	2016,268	1751,667	1959,269
P62270;A0A1Y7VKY1;A0A3Q4EGP3;F6YVP7;S4R1N6	34	19	159,1628	0,869046	1,045694	40S ribosomal protein S18 OS=Mus musculus OX=10090 GN=Rps18 PE=1 SV=3	20588,67	17657,15	19626,97	24075,09	23615,52	22854,49	21000,51	18221,91
Q99LD4;A0A140LJB7;B1ATU4;G3UXW9;Q3MIA8	27	8	166,4492	0,869098	1,10475	COP9 signalosome complex subunit 1 OS=Mus musculus OX=10090 GN=Gps1 PE=1 SV=1	6220,002	3891,521	8005,295	6619,98	6234,484	5224,946	5841,925	5562,515
Q9D8M4;A0A3B2WD11	2	1	13,5107	0,869277	1,070623	60S ribosomal protein L7-like 1 OS=Mus musculus OX=10090 GN=Rpl7l1 PE=1 SV=1	1255,347	1434,678	1551,709	1005,548	1621,353	1103,608	1106,04	1070,148
O70503	32	10	202,3731	0,869644	1,091739	Very-long-chain 3-oxoacyl-CoA reductase OS=Mus musculus OX=10090 GN=Hsd17b12 PE=1 SV=1	21258,28	7675,865	25870,49	26889,07	23208,65	24233,36	19559,11	17743,84
Q7TQC7;E0CZ29	3	1	19,6601	0,871235	2,348242	G patch domain-containing protein 2 OS=Mus musculus OX=10090 GN=Gpatch2 PE=1 SV=2	26,32249	0	292,2766	29,98522	0	315,1843	159,7164	343,6596
D3Z3Y5;O09039	3	1	13,7064	0,871335	2,468926	SH2B adapter protein 3 OS=Mus musculus OX=10090 GN=Sh2b3 PE=1 SV=1	87,79466	99,1696	96,11708	60,99929	0	100,1259	117,1544	224,5999
O35639;Q3TET3	11	1	51,5786	0,871478	1,076384	Annexin A3 OS=Mus musculus OX=10090 GN=Anxa3 PE=1 SV=4	648,6222	1107,211	1000,749	803,8412	680,1381	1180,329	1144,756	579,6756
P47758	31	8	211,2064	0,871493	1,034572	Signal recognition particle receptor subunit beta OS=Mus musculus OX=10090 GN=Srprb PE=1 SV=1	8864,063	5393,047	8557,179	9374,811	7566,222	9276,083	8061,871	8397,772
Q9CWN7	7	1	30,5494	0,871513	1,073878	CCR4-NOT transcription complex subunit 11 OS=Mus musculus OX=10090 GN=Cnot11 PE=1 SV=1	3710,754	3799,569	3426,857	3419,795	4925,445	3843,101	3240,324	2877,385
G3UZ78;A0A140LI36	14	2	72,3252	0,871941	1,065261	Androglobin OS=Mus musculus OX=10090 GN=Adgb PE=1 SV=1	1695,18	1434,173	1983,375	1811,653	1658,33	2296,778	1783,961	1637,205
Q8C1F4	2	1	9,9254	0,872535	1,117996	Chondroitin sulfate N-acetylgalactosaminyltransferase 2 OS=Mus musculus OX=10090 GN=Csgalnact2 PE=2 SV=1	245,767	330,1728	465,5127	295,7288	227,1913	293,5702	303,4649	371,826
Q3UQ84;A0A0G2JF63;E9Q7H6;Q3TP97;Q922A3	8	2	31,9619	0,872839	1,081836	Threonine--tRNA ligase, mitochondrial OS=Mus musculus OX=10090 GN=Tars2 PE=1 SV=1	1111,372	469,1039	570,6987	854,7196	908,5626	937,0292	742,7499	603,4269
Q8R317;A0A286YE09	25	7	203,406	0,873066	1,11632	Ubiquilin-1 OS=Mus musculus OX=10090 GN=Ubqln1 PE=1 SV=1	1410,035	2202,037	1065,197	1097,67	1648,922	1268,033	1203,019	1053,219
Q80VJ3	10	2	55,9623	0,873671	1,084647	2'-deoxynucleoside 5'-phosphate N-hydrolase 1 OS=Mus musculus OX=10090 GN=Dnph1 PE=1 SV=2	1828,099	1857,148	1435,388	1586,48	1491,63	2483,156	1489,837	1360,252
Q80W21;D3YVP5;D3YVP6;D3YZ29;E9QAC8	10	1	93,2158	0,873694	1,163519	Glutathione S-transferase Mu 7 OS=Mus musculus OX=10090 GN=Gstm7 PE=1 SV=1	299,9162	94,64867	1090,347	320,9885	304,2641	892,8534	179,4376	502,889

Q91VA7;V9GXV0	39	1	290,1411	0,873845	1,08264	Isocitrate dehydrogenase [NAD] subunit, mitochondrial OS=Mus musculus OX=10090 GN=ldh3b PE=1 SV=1	1517,637	2366,692	1880,552	2343,998	1814,276	2824,846	1465,195	1798,103
Q9ERA6	10	2	56,5692	0,87387	1,133259	Tuftelin-interacting protein 11 OS=Mus musculus OX=10090 GN=Tfip11 PE=1 SV=1	301,4823	355,613	277,2352	192,3899	218,7847	303,5746	274,6018	346,9696
Q80YV2;H3BKM2	7	3	28,2242	0,874564	1,039052	Nuclear-interacting partner of ALK OS=Mus musculus OX=10090 GN=Zc3hc1 PE=1 SV=1	323,43	390,8134	383,8532	348,9334	419,1778	336,5636	377,7156	321,2754
P59999;E9PWA7;Q3TX55	13	2	83,3138	0,875332	1,132513	Actin-related protein 2/3 complex subunit 4 OS=Mus musculus OX=10090 GN=Arpc4 PE=1 SV=3	193,3032	241,3034	285,8357	145,7004	198,8328	197,8763	213,8445	235,4794
Q9R0S3	2	1	9,7557	0,875857	1,300454	Matrix metalloproteinase-17 OS=Mus musculus OX=10090 GN=Mmp17 PE=1 SV=3	500,2029	27,6917	258,3051	244,5097	26,39697	110,3027	430,6194	422,2112
J3QP60	5	1	23,9368	0,877398	1,026759	RIKEN cDNA A630023A22 gene OS=Mus musculus OX=10090 GN=A630023A22Rik PE=4 SV=1	93,33039	0,919874	135,015	60,08173	10,73324	100,0858	107,5407	78,72972
Q7TSH6	3	1	17,0643	0,878106	1,317	SR-related and CTD-associated factor 4 OS=Mus musculus OX=10090 GN=Scaf4 PE=1 SV=1	102,9182	200,5925	69,76392	142,7045	125,2084	356,6893	111,2356	86,41103
Q91ZB0	8	1	37,3702	0,87821	1,057983	Alpha-protein kinase 2 OS=Mus musculus OX=10090 GN=Alpk2 PE=2 SV=3	140,8316	211,1692	197,228	172,1515	173,2255	140,437	212,6891	193,5637
O08583;Q9JJW6	16	2	117,2596	0,879058	1,045378	THO complex subunit 4 OS=Mus musculus OX=10090 GN=Alyref PE=1 SV=3	305,7637	454,6936	526,1746	241,8455	303,5666	393,6772	399,4422	465,0947
Q9WVQ0	17	3	93,1529	0,879503	1,088453	Polyamine-modulated factor 1-binding protein 1 OS=Mus musculus OX=10090 GN=Pmbfp1 PE=2 SV=1	3795,296	2778,025	3371,114	4483,486	2207,289	3800,006	4342,013	3621,543
P63166;A0A087WRQ4	9	1	38,3474	0,879659	1,05591	Small ubiquitin-related modifier 1 OS=Mus musculus OX=10090 GN=Sumo1 PE=1 SV=1	10253,02	10721,06	8732,819	10394,89	12357,2	11241,29	9114,835	8410,694
Q99PP7;A0A0G2JGY5;E9QME5;E9QP19	4	2	30,1139	0,880025	1,029452	E3 ubiquitin-protein ligase TRIM33 OS=Mus musculus OX=10090 GN=Trim33 PE=1 SV=2	1060,77	936,9733	1067,466	931,9903	1230,653	893,9003	869,3598	899,1409
Q5SP85;E0CX32	5	2	27,3805	0,880188	1,025454	Coiled-coil domain-containing protein 85A OS=Mus musculus OX=10090 GN=Ccdc85a PE=1 SV=1	7280,56	6123,599	7184,508	6225,34	6251,511	7247,377	6529,756	6119,775
F6VYQ6	13	1	81,7381	0,881834	1,227242	Exosome component 10 OS=Mus musculus OX=10090 GN=Exosc10 PE=1 SV=1	475,2309	307,0772	98,09556	531,1078	322,4235	295,1228	135,9076	396,6954
Q62189;D3Z0S6;D6RI83	17	7	120,089	0,882441	1,097493	U1 small nuclear ribonucleoprotein A OS=Mus musculus OX=10090 GN=Snrpa PE=1 SV=3	18328,48	18513,65	7943,61	15146,67	16262,59	15549,34	12147,54	10648,98
P52825;A2A8E8	6	1	29,9435	0,882497	1,279891	Carnitine O-palmitoyltransferase 2, mitochondrial OS=Mus musculus OX=10090 GN=Cpt2 PE=1 SV=2	641,1328	1744,501	233,5075	822,6398	839,5994	203,5465	861,4097	784,5658
Q4PJX1;A0A0A0MQB0	12	2	76,5413	0,882715	1,046905	Protein odr-4 homolog OS=Mus musculus OX=10090 GN=Odr4 PE=1 SV=2	5288,548	5391,395	4913,043	6224,781	6607,399	5554,974	4861,853	4216,314
D3Z2W0	4	1	24,1091	0,882737	1,083473	TNFAIP3-interacting protein 1 OS=Mus musculus OX=10090 GN=Tnip1 PE=1 SV=1	4366,152	11234,53	2428,578	2851,492	5802,406	4292,316	3998,59	5264,274

Q8C3Q5	2	1	13,5775	0,883172	1,092456	Protein shisa-7 OS=Mus musculus OX=10090 GN=Shisa7 PE=1 SV=3	1796,049	2910,955	1673,074	2592,33	3347,621	2354,911	1658,923	2440,502
Q8C1A3	5	1	29,2588	0,883264	1,093028	Methionine synthase reductase OS=Mus musculus OX=10090 GN=Mtrr PE=1 SV=2	548,6414	802,3573	391,2376	479,0958	773,5208	664,8381	285,2075	308,7073
P11031	6	2	36,7057	0,884198	1,197193	Activated RNA polymerase II transcriptional coactivator p15 OS=Mus musculus OX=10090 GN=Sub1 PE=1 SV=3	1021,302	202,2895	1608,65	1393,325	1184,187	1054,542	1165,589	702,771
Q9D0I9	67	21	472,4896	0,884572	1,275828	Arginine--tRNA ligase, cytoplasmic OS=Mus musculus OX=10090 GN=Rars1 PE=1 SV=2	12642,77	29456,5	7725,786	12777,31	18808,42	11575,22	12302,83	10691,66
P24270	5	1	21,7119	0,885855	1,1288	Catalase OS=Mus musculus OX=10090 GN=Cat PE=1 SV=4	286,2465	264,2502	457,2649	163,9348	272,9788	241,489	264,7049	258,8291
Q9QYF1;Q9R1R8	27	6	183,7177	0,886068	1,180686	Retinol dehydrogenase 11 OS=Mus musculus OX=10090 GN=Rdh11 PE=1 SV=2	10310,14	4226,114	10875,62	6531,885	6501,976	4601,484	9984,985	5966,801
Q810B6	9	3	44,3422	0,886244	1,057779	Rabankyrin-5 OS=Mus musculus OX=10090 GN=Ankfy1 PE=1 SV=2	1180,588	801,7484	1621,557	1078,591	1181,831	1198,987	955,5307	1179,953
G3UWS4;H3BKU1;H3BLE7; Q3TTF6	23	1	144,8014	0,886541	1,433238	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform OS=Mus musculus OX=10090 GN=Ppp2r1b PE=1 SV=1	132,3586	360,5728	200,2825	175,329	175,7423	499,9619	253,0091	62,80711
Q8BHC1 Q99JW2;AOA087WPX1;AO A0R4J050;AOA1L1SRC1;AO A1L1SRW7;AOA1L1SS90;A OA1L1SSU4	16	2	131,1988	0,886683	1,13047	Ras-related protein Rab-39B OS=Mus musculus OX=10090 GN=Rab39b PE=1 SV=1	453,5897	680,5134	511,0312	966,8193	302,0457	862,0601	688,4822	828,462
	8	2	39,9685	0,886719	1,721432	Aminoacylase-1 OS=Mus musculus OX=10090 GN=Acy1 PE=1 SV=1	158,4373	137,4474	173,8151	127,947	54,72997	588,0502	126,5315	218,5175
B9EJ22;E9QLM4 P17183;AOA0N4SUI6;AOA 0N4SUW8;AOA0N4SUX5;D 3YVD3;D3Z2S4;D3Z6E4 Q6PR54;AOA2I3BQ21;AOA 2I3BQI4;AOA2I3BRD9	9	2	43,4721	0,88714	1,047264	Mismatch repair endonuclease PMS2 OS=Mus musculus OX=10090 GN=Pms2 PE=1 SV=1	2922,942	2454,238	2234,852	3592,71	2931,999	3002,913	2601,669	3197,737
	39	3	305,039	0,888621	1,038003	Gamma-enolase OS=Mus musculus OX=10090 GN=Eno2 PE=1 SV=2	1478,974	918,7927	823,8177	2069,82	1596,927	1283,635	1327,603	1284,327
Q9DCJ5	56	8	267,094	0,888806	1,057369	Telomere-associated protein RIF1 OS=Mus musculus OX=10090 GN=Rif1 PE=1 SV=2	2704,589	1403,274	953,3772	2395,064	1820,74	2197,764	2220,413	1167,295
G3UYQ4	13	3	57,6349	0,889427	1,047148	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 OS=Mus musculus OX=10090 GN=Ndufa8 PE=1 SV=3	1251,124	942,1649	709,5701	906,4837	890,9878	1189,928	985,6586	922,3697
Q9D0M0	50	6	261,9317	0,889506	1,05298	Nucleoside-diphosphate kinase OS=Mus musculus OX=10090 GN=Ak9 PE=1 SV=2	2662,843	2393,791	1718,549	2980,322	3277,058	1526,6	2697,099	2434,554
Q9EPW0;AOA0A6YXS5	10	2	56,3858	0,890581	1,059639	Exosome complex exonuclease RRP42 OS=Mus musculus OX=10090 GN=Exosc7 PE=1 SV=2	291,1895	315,6139	339,6851	245,9485	307,9021	216,1638	380,8412	232,4486
	9	2	54,1448	0,891101	1,06888	Inositol polyphosphate-4-phosphatase type I A OS=Mus musculus OX=10090 GN=Inpp4a PE=1 SV=1	350,3457	227,7041	307,6442	331,5678	191,862	291,4987	340,1778	335,6858

Q8C080;Q3TLM7	3	1	15,1099	0,891888	1,402701	Sorting nexin-16 OS=Mus musculus OX=10090 GN=Snx16 PE=1 SV=2	153,9198	232,4106	236,8187	185,7452	117,4179	215,178	338,5074	350,4181
Q8BH95	26	10	177,3964	0,892844	1,051328	Enoyl-CoA hydratase, mitochondrial OS=Mus musculus OX=10090 GN=Echs1 PE=1 SV=1	7783,278	6906,091	5776,788	7762,727	8048,954	7656,429	5542,523	6189,537
Q8R3Y5;A0A087WR18;A0A 0R4J2B5;G5E8E3	8	1	36,427	0,89312	1,40753	Uncharacterized protein C19orf47 homolog OS=Mus musculus OX=10090 PE=1 SV=2	406,8456	1016,07	212,9355	1071,798	564,5142	723,5269	498,3789	427,8903
Q91VK1;A0A1Y7VIU9;A0A 1Y7VJ43;A0A1Y7VKZ4;A0A 1Y7VM24;A0A1Y7VM47	27	7	190,9114	0,893178	1,094759	eIF5-mimic protein 1 OS=Mus musculus OX=10090 GN=Bzw2 PE=1 SV=1	3966,953	4889,677	3755,992	5327,125	5458,268	4785,968	3074,137	4273,707
O88544;D3YV99;D3Z1R9;F 6QTS1	29	3	219,9228	0,893198	1,11004	COP9 signalosome complex subunit 4 OS=Mus musculus OX=10090 GN=Cops4 PE=1 SV=1	4479,08	4787,591	4595,374	4621,742	5597,786	6862,43	3505,234	4552,298
G3X942;Q3TB05	6	1	35,4559	0,893295	1,946331	Polypeptide N-acetylgalactosaminyltransferase OS=Mus musculus OX=10090 GN=Galnt9 PE=1 SV=1	2286,555	7180,241	40,11358	2168,598	1906,477	2040,888	1668,058	1243,581
Q8BG81;F6VR84;Q3UDD3	20	3	118,5005	0,893665	1,112741	Polymerase delta-interacting protein 3 OS=Mus musculus OX=10090 GN=Poldip3 PE=1 SV=1	651,118	519,9296	1110,713	677,3456	559,6562	657,6083	766,6576	777,1417
Q8BFW6	4	1	17,9004	0,89643	1,088048	Ectonucleoside triphosphate diphosphohydrolase 3 OS=Mus musculus OX=10090 GN=Entpd3 PE=1 SV=1	1254,019	8460,062	2182,648	4894,624	3149,976	6888,124	3256,814	3638,392
Q9WUM5;A0A0N4SVU4	25	5	153,8187	0,897434	1,19449	Succinate--CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=Suclg1 PE=1 SV=4	2075,569	4268,027	918,9517	2284,822	2629,063	1618,294	2484,594	2452,947
Q9DB25;D6RCG2	13	1	84,3268	0,899949	1,027198	Dolichyl-phosphate beta-glucosyltransferase OS=Mus musculus OX=10090 GN=Alg5 PE=1 SV=1	16002,19	16481,13	14284,97	15991,3	15301,96	17250,34	14508,79	14036,78
A2AIL4	4	1	24,3308	0,900989	1,203758	NADH dehydrogenase (ubiquinone) complex I, assembly factor 6 OS=Mus musculus OX=10090 GN=Ndufaf6 PE=1 SV=1	614,4574	1267,328	1060,78	615,2388	470,4079	827,9402	1284,768	1573,584
A2AEK3;F6ZKC7	5	1	35,915	0,901009	1,372215	Cleavage stimulation factor subunit 2 (Fragment) OS=Mus musculus OX=10090 GN=Cstf2 PE=1 SV=1	221,8583	858,2001	55,57486	230,3551	290,6361	290,2749	194,5519	219,9998
O55091	6	1	33,7801	0,901141	1,122889	Protein IMPACT OS=Mus musculus OX=10090 GN=Impact PE=1 SV=2	2191,28	2109,407	1933,364	2353,627	3883,635	1946,769	1903,673	1837,083
Q9R1Q8	19	6	161,3031	0,902209	1,084893	Transgelin-3 OS=Mus musculus OX=10090 GN=Tagln3 PE=1 SV=1	4317,617	6927,594	2601,521	5619,476	6412,238	4741,822	4421,902	4443,642
P60670	22	4	115,8056	0,902486	1,082447	Nuclear protein localization protein 4 homolog OS=Mus musculus OX=10090 GN=Nploc4 PE=1 SV=3	392,8156	331,0247	399,4584	506,2235	457,5649	281,7202	498,2178	462,0201
A0A0A6YY83;A2RS43;E9Q 2S0	12	2	58,7137	0,903507	1,052516	Protocadherin 7 OS=Mus musculus OX=10090 GN=Pcdh7 PE=1 SV=1	14156,61	13689,93	13030,26	16982,36	18342,75	14645,04	14264,7	11272



Q69ZZ6;A0A0N4SWB9;F8WJ98	8	2	35,9947	0,903733	1,188756	Transmembrane and coiled-coil domains protein 1 OS=Mus musculus OX=10090 GN=Tmcc1 PE=1 SV=2	1213,587	657,251	2139,229	1495,53	1181,314	1245,234	1384,23	1060,277
Q9R1T2	27	5	174,8888	0,903745	1,053231	SUMO-activating enzyme subunit 1 OS=Mus musculus OX=10090 GN=Sae1 PE=1 SV=1	6827,891	6750,739	9130,732	8024,029	9881,112	9346,207	5515,941	4982,117
Q8VEG4;A0A1W2P7Q1	2	1	11,2735	0,903897	1,075586	Exonuclease 3'-5' domain-containing protein 2 OS=Mus musculus OX=10090 GN=Exd2 PE=1 SV=2	558,5173	470,4788	358,317	601,2982	462,8591	683,0446	341,1735	361,7858
Q8VDD5;A0A2R8VKI5;A0A2R8W6V7;F2Z494	238	61	1949,985	0,904608	1,044835	Myosin-9 OS=Mus musculus OX=10090 GN=Myh9 PE=1 SV=4	27747,55	22066,95	31365,46	31721,18	30027,96	27042,06	27297,08	25688,8
Q924D0;A0A0R4J0S3;D3Z792	6	1	33,577	0,90472	1,132275	Reticulon-4-interacting protein 1, mitochondrial OS=Mus musculus OX=10090 GN=Rtn4ip1 PE=1 SV=2	71,97108	26,5626	131,7812	119,1068	33,88301	48,76601	128,1859	97,76667
Q9CQX2	12	5	95,5239	0,906226	1,04017	Cytochrome b5 type B OS=Mus musculus OX=10090 GN=Cyb5b PE=1 SV=1	7590,526	3222,834	15067,84	9675,867	9404,34	9325,255	8116,744	7715,103
Q9CPR7	5	1	23,4054	0,906527	1,090239	Suppressor of IKBKE 1 OS=Mus musculus OX=10090 GN=Sike1 PE=1 SV=1	3564,961	4003,182	2015,818	3494,196	3925,266	4243,922	2181,06	3152,674
Q9R0M0	9	4	44,7717	0,906792	1,04216	Cadherin EGF LAG seven-pass G-type receptor 2 OS=Mus musculus OX=10090 GN=Celsr2 PE=1 SV=3	2028,532	2745,581	1511,353	2206,902	2291,066	2315,702	1971,253	2134,957
Q6ZQ73	6	3	31,6987	0,907296	1,094365	Cullin-associated NEDD8-dissociated protein 2 OS=Mus musculus OX=10090 GN=Cand2 PE=1 SV=2	1601,899	951,0803	1296,131	1764,112	2089,992	963,4572	1590,306	1499,159
Q64436;Q91WH7	43	9	306,4491	0,907832	1,040902	Potassium-transporting ATPase alpha chain 1 OS=Mus musculus OX=10090 GN=Atp4a PE=1 SV=4	1112,314	890,4432	1050,068	843,0649	828,319	1088,279	818,525	1067,319
G3XA09;O88879	5	1	37,2659	0,908403	3,040598	Apoptotic protease-activating factor 1 OS=Mus musculus OX=10090 GN=Apaf1 PE=1 SV=1	24,28369	81,44904	47,7063	54,52234	21,91016	58,54642	76,00773	271,8786
Q9WUM4;E9PVJ1;E9PX03;E9PZJ0	26	10	149,2903	0,908937	1,045745	Coronin-1C OS=Mus musculus OX=10090 GN=Coro1c PE=1 SV=2	10016,28	8874,771	9106,994	11899,07	10725,36	11380,43	7689,435	8922,587
Q99LW0;Q8BG46	3	1	25,8397	0,909154	2,33781	Ankyrin repeat domain-containing protein 10 OS=Mus musculus OX=10090 GN=Ankrd10 PE=2 SV=2	13,0806	15,84178	8,355361	0	9,821585	0	21,29451	56,03221
Q3UMU9	12	2	74,4092	0,909241	1,151856	Hepatoma-derived growth factor-related protein 2 OS=Mus musculus OX=10090 GN=Hdgfl2 PE=1 SV=1	2254,54	3858,438	850,6984	2931,719	2932,214	2765,75	2137,071	1883,29
P07147	2	1	9,8912	0,909592	1,108319	5,6-dihydroxyindole-2-carboxylic acid oxidase OS=Mus musculus OX=10090 GN=Tyrp1 PE=1 SV=1	256,3299	321,9455	459,5776	252,0834	223,8625	312,1722	293,5197	417,3512
Q8VHE0	51	14	309,7553	0,910175	1,045256	Translocation protein SEC63 homolog OS=Mus musculus OX=10090 GN=Sec63 PE=1 SV=4	4032,856	2638,952	3140,666	3589,879	3541,667	3352,947	3459,9	2903,446

Q9CXT8	29	5	184,3249	0,910536	1,041291	Mitochondrial-processing peptidase subunit beta OS=Mus musculus OX=10090 GN=Pmpcb PE=1 SV=1	2847,816	2228,238	2545,669	2931,717	2896,299	2549,792	2210,229	3038,798
Q61081	29	8	210,0836	0,911055	1,028239	Hsp90 co-chaperone Cdc37 OS=Mus musculus OX=10090 GN=Cdc37 PE=1 SV=1	11459,7	10620,83	10652,09	11627,78	12883,9	12074,97	10022,12	8484,892
Q9D0T1	11	5	85,3458	0,911283	1,033528	NHP2-like protein 1 OS=Mus musculus OX=10090 GN=Snu13 PE=1 SV=4	18723,96	16888,9	14091,74	16815,3	18814,79	17906,77	14049,82	13590,59
Q8CAY6;A0A3B2WAL8;G3XA25	10	1	54,6675	0,912351	1,070036	Acetyl-CoA acetyltransferase, cytosolic OS=Mus musculus OX=10090 GN=Acat2 PE=1 SV=2	496,3891	421,0571	400,5749	296,0776	230,0222	507,0851	421,6185	382,2577
Q61115;A0A0A6YVW7;A0A0A6YVX7;A0A0A6YWZ4	27	4	127,5724	0,912744	1,029247	Protein patched homolog 1 OS=Mus musculus OX=10090 GN=Ptch1 PE=1 SV=1	3067,817	2895,249	3198,331	2865,379	2553,741	3451,349	3256,221	2532,495
Q60973;A2AFI9;A2AFJ1;F6U539;F6ZLC6	25	2	136,1488	0,913183	1,023198	Histone-binding protein RBBP7 OS=Mus musculus OX=10090 GN=Rbbp7 PE=1 SV=1	19972,33	17755,82	20887,21	20860,17	22570,76	21471,93	19285,37	17768,52
Q9Z1F9;A2BH29;H3BLM2;H3BLR3	25	3	199,9915	0,913506	1,076285	SUMO-activating enzyme subunit 2 OS=Mus musculus OX=10090 GN=Uba2 PE=1 SV=1	2337,413	1491,99	4013,923	3977,432	2724,837	4151,589	2872,587	2513,229
E9Q7A5;E9Q8R5;Q99JY4	2	1	10,0647	0,913554	1,220299	TraB domain-containing protein (Fragment) OS=Mus musculus OX=10090 GN=Trabd PE=1 SV=8	448,3426	417,5162	644,765	549,8555	446,4145	728,8389	383,0058	417,568
Q93092;A0A1B0GR11	29	8	205,4232	0,913818	1,039067	Transaldolase OS=Mus musculus OX=10090 GN=Taldo1 PE=1 SV=2	6468,023	5659,597	8680,048	7273,551	6003,404	6979,539	7669,804	7259,833
Q9QY76;Q8BH80	21	3	163,5098	0,914776	1,033528	Vesicle-associated membrane protein-associated protein B OS=Mus musculus OX=10090 GN=Vapb PE=1 SV=3	24173,03	20658,14	19849,33	21777,57	23694,14	23503,28	18873,11	18390,66
Q61595;A0A087WPY8;A0A087WR91	103	2	704,4666	0,914853	1,162701	Kinectin OS=Mus musculus OX=10090 GN=Ktn1 PE=1 SV=1	2660,169	3440,504	1310,913	1520,341	1725,832	1850,798	2032,575	2204,374
P07742	24	3	130,5471	0,915105	1,114053	Ribonucleoside-diphosphate reductase large subunit OS=Mus musculus OX=10090 GN=Rrm1 PE=1 SV=2	1276,554	733,1746	1111,491	1896,103	993,0275	544,8421	1636,988	1505,402
P63038;D3Z2F2;D3Z7J9	154	80	848,7977	0,916426	1,052436	60 kDa heat shock protein, mitochondrial OS=Mus musculus OX=10090 GN=Hspd1 PE=1 SV=1	115432,1	73801,57	65904,71	112103,7	112669,8	68785,39	86995,37	85450,95
O55234;Q8BTY5	21	4	106,3947	0,916569	1,107828	Proteasome subunit beta type-5 OS=Mus musculus OX=10090 GN=Psm5 PE=1 SV=3	7227,555	6707,227	5656,289	7250,319	10906,46	7119,139	5363,058	6346,998
Q8R010;Q8R3V2	17	4	123,1491	0,916683	1,0434	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2 OS=Mus musculus OX=10090 GN=Aimp2 PE=1 SV=2	8247,801	7991,876	7111,752	9128,929	9214,22	6425,524	8566,342	8965,451
Q9CPQ3;A0A2R8VHM4	7	2	66,771	0,916764	1,033373	Mitochondrial import receptor subunit TOM22 homolog OS=Mus musculus OX=10090 GN=Tom22 PE=1 SV=3	7799,581	8609,69	5525,186	7252,529	7499,553	7143,743	7420,828	7300,953
P24788;A2A9P6	25	4	129,5468	0,916943	1,365438	Cyclin-dependent kinase 11B OS=Mus musculus OX=10090 GN=Cdk11b PE=1 SV=2	10331,48	21623,34	3447,298	9222,902	10739,94	6962,6	7679,598	7299,681

Q5SQM0	60	12	336,571	0,916957	1,552522	Echinoderm microtubule-associated protein-like 6 OS=Mus musculus OX=10090 GN=Eml6 PE=2 SV=1	1230,375	1155,503	5721,684	1024	1299,58	1398,421	1517,372	2212,92
A2A473;A2A472;E9Q0B9	2	1	10,4842	0,917428	1,195981	TOX high mobility group box family member 2 OS=Mus musculus OX=10090 GN=Tox2 PE=1 SV=1	105,8098	37,13137	34,59962	236,4324	44,80096	38,93613	126,1971	154,8261
Q80TM9;F6YR29;F6ZL69	32	2	205,9171	0,917937	1,051829	Nischarin OS=Mus musculus OX=10090 GN=Nisch PE=1 SV=2	851,2695	916,482	2006,568	1355,949	2152,782	487,754	1203,807	1033,133
Q61043;A0A1Y7VNC5;F8WJ43	81	7	526,6577	0,91859	1,058972	Ninein OS=Mus musculus OX=10090 GN=Nin PE=1 SV=4	4405,667	3792,091	4704,257	5807,519	6059,11	5334,384	3195,628	3584,406
O88492;A0A571BEC9	4	1	14,3153	0,918775	1,121935	Perilipin-4 OS=Mus musculus OX=10090 GN=Plin4 PE=1 SV=2	3227,619	3270,853	2968,916	3879,532	5813,76	3297,07	2694,728	3168,823
Q91VN4;E9Q4M4	5	1	22,5487	0,919513	1,581473	MICOS complex subunit Mic25 OS=Mus musculus OX=10090 GN=Chchd6 PE=1 SV=2	129,6811	96,31916	7,27581	102,1493	56,6285	96,87278	27,85717	30,73834
Q8BIQ5;A2AEJ8;A2AEK1	22	1	126,6763	0,920655	1,374337	Cleavage stimulation factor subunit 2 OS=Mus musculus OX=10090 GN=Cstf2 PE=1 SV=2	2132,586	7381,986	301,6919	2437,982	2590,758	2642,34	1859,33	1824,053
Q9QX47;H9KV00;H9KV01;H9KV02;H9KV15	14	3	73,0897	0,920901	1,079309	Protein SON OS=Mus musculus OX=10090 GN=Son PE=1 SV=2	863,1964	442,0015	481,3026	754,9691	1024,494	628,8756	487,1103	505,134
Q9QX15;A0A0G2JFW5;Q9EQR4	3	1	17,0371	0,921023	1,22174	Calcium-activated chloride channel regulator 3A-1 OS=Mus musculus OX=10090 GN=Cica3a1 PE=1 SV=1	93522,56	5944,71	149155,6	87315,58	108403,5	18179,9	78499,97	81551,87
P80317;Q52KG9	60	17	375,1772	0,921062	1,025129	T-complex protein 1 subunit zeta OS=Mus musculus OX=10090 GN=Cct6a PE=1 SV=3	23682,73	23038,12	22444,9	25486,96	22835,26	22008,7	26090,32	26096,93
P21995;A0A286YE53	34	12	208,8117	0,921248	1,054057	Embigin OS=Mus musculus OX=10090 GN=Emb PE=1 SV=2	28666,16	14370,84	36043,61	32094,16	30230,91	28937,99	25090,33	23144,1
Q3V125	15	1	91,9228	0,921627	1,270408	Coiled-coil domain-containing protein 110 OS=Mus musculus OX=10090 GN=Ccdc110 PE=1 SV=1	541,1863	1998,922	127,1752	477,3628	1003,679	380,1262	636,559	506,7861
Q6ZPJ3	35	4	211,9154	0,921748	1,203281	(E3-independent) E2 ubiquitin-conjugating enzyme UBE2O OS=Mus musculus OX=10090 GN=Ube2o PE=1 SV=3	1004,334	679,4041	1802,612	576,2216	933,0615	919,9883	886,4868	636,709
Q8R574	24	6	174,2652	0,92209	1,13079	Phosphoribosyl pyrophosphate synthase-associated protein 2 OS=Mus musculus OX=10090 GN=Prpsap2 PE=1 SV=1	2455,54	1880,303	1509,629	2803,469	3137,782	1206,773	2106,723	2885,358
Q99K95	3	1	9,7803	0,922452	1,421082	Replication termination factor 2 OS=Mus musculus OX=10090 GN=Rtf2 PE=1 SV=1	5018,719	4154,235	891,5272	1382,85	2125,27	1192,287	2463,173	2274,633
Q80UZO	6	1	34,0211	0,923329	9,232975	FYVE, RhoGEF and PH domain-containing protein 5 OS=Mus musculus OX=10090 GN=Fgd5 PE=1 SV=2	31,49838	25,51948	9,026683	40,55334	0	43,80787	761,2825	179,1252
Q68FM7;D6RGQ8	8	2	40,8286	0,924126	1,128078	Rho guanine nucleotide exchange factor (GEF) 11 OS=Mus musculus OX=10090 GN=Arhgef11 PE=1 SV=1	2113,944	1702,275	1451,202	1193,686	1065,821	2944,848	2019,674	1258,291

Q3UQU0;A0A0R4J175	10	1	52,7052	0,924156	1,249621	Bromodomain-containing protein 9 OS=Mus musculus OX=10090 GN=Brd9 PE=1 SV=1	257,3719	259,3338	320,5472	79,86258	79,20135	124,596	338,4225	343,6236
Q8JZN7	7	2	45,4855	0,924889	1,048269	Mitochondrial Rho GTPase 2 OS=Mus musculus OX=10090 GN=Rhot2 PE=1 SV=1	452,8456	430,9049	602,2045	415,032	453,5812	614,8654	399,7304	480,3086
Q9D287;D6RGA5	19	5	121,7383	0,92493	1,074083	Pre-mRNA-splicing factor SPF27 OS=Mus musculus OX=10090 GN=Bcas2 PE=1 SV=1	6954,072	6714,315	4232,587	8801,498	5494,608	8330,695	5778,147	6878,971
Q80TH2;B2RUJ2;B7ZNX6	50	6	286,3157	0,925223	1,068485	Erbin OS=Mus musculus OX=10090 GN=Erbin PE=1 SV=3	2745,568	2127,982	1500,069	2572,483	2621,914	2493,694	1730,805	1654,372
A0A0R4J014;E9PWE2;E9PWE5;P15806	3	1	19,0146	0,925446	1,218867	Transcription factor E2-alpha OS=Mus musculus OX=10090 GN=Tcf3 PE=1 SV=1	3278,462	8652,356	2420,5	4897,104	4820,167	3477,747	3667,252	4210,521
E9Q7G0;A0A1B0GSH2;A0A1B0GSW3;A0A1B0GT38;A0A1B0GT61;F6ZQA3	170	30	1117,944	0,926242	1,144875	Nuclear mitotic apparatus protein 1 OS=Mus musculus OX=10090 GN=Numa1 PE=1 SV=1	6971,002	8387,245	2858,409	4090,632	4430,222	6800,292	5122,753	3583,384
Q8K009;D3Z6B9	56	16	353,1522	0,926317	1,055877	Mitochondrial 10-formyltetrahydrofolate dehydrogenase OS=Mus musculus OX=10090 GN=Aldh1l2 PE=1 SV=2	4922,676	4934,336	2937,594	5410,045	6279,336	5019,96	4035,826	3886,757
Q99M31	27	4	144,7563	0,926569	1,047767	Heat shock 70 kDa protein 14 OS=Mus musculus OX=10090 GN=Hspa14 PE=1 SV=2	8480,342	7336,291	8172,39	6911,52	7352,252	8452,627	8732,518	6298,313
Q9EPU0	66	26	501,3892	0,927454	1,028766	Regulator of nonsense transcripts 1 OS=Mus musculus OX=10090 GN=Upf1 PE=1 SV=2	9260,897	10151,17	11122,96	10822,82	10846,03	11026,47	10662,3	8326,2
A2AKX3	8	1	40,0271	0,927612	1,070215	Probable helicase senataxin OS=Mus musculus OX=10090 GN=Setx PE=1 SV=1	234,9689	122,8748	119,2245	330,9349	296,0957	90,45883	186,7781	181,6588
Q80XC6	5	2	16,1388	0,927751	1,147854	Nuclear exosome regulator NRDE2 OS=Mus musculus OX=10090 GN=Nrde2 PE=1 SV=3	2132,984	1864,889	1735,389	2463,448	3458,588	2640,791	1383,717	1554,847
Q55FM8	3	1	19,1794	0,927788	1,01894	RNA-binding protein 27 OS=Mus musculus OX=10090 GN=Rbm27 PE=1 SV=3	652,664	655,0862	591,3561	579,3869	443,7757	515,6789	754,5976	718,3708
B2RXS4	45	4	248,6168	0,928212	1,044734	Plexin-B2 OS=Mus musculus OX=10090 GN=Plxnb2 PE=1 SV=1	1973,71	1579,539	1137,575	2742,129	2014,457	2095,492	1983,062	1499,398
Q60715;E9Q7B0	23	5	149,0536	0,92881	1,558188	Prolyl 4-hydroxylase subunit alpha-1 OS=Mus musculus OX=10090 GN=P4ha1 PE=1 SV=2	332,7225	580,4718	348,5787	232,6229	238,0603	1473,403	275,972	282,7713
Q8JZU2	16	4	74,4896	0,929477	1,027337	Tricarboxylate transport protein, mitochondrial OS=Mus musculus OX=10090 GN=Slc25a1 PE=1 SV=1	2423,386	2347,669	2754,878	2794,177	2153,141	2685,492	2354,474	2914,673
P42208;D3YV76;D3YYB1;D3YZU7;D3Z1S1;D3Z3C0;E9Q3V6;F6UKN5;F6WYM0	29	5	236,4821	0,930081	1,029438	Septin-2 OS=Mus musculus OX=10090 GN=Septin2 PE=1 SV=2	10409,41	10136,23	10231,27	13058,82	12252,98	9714,438	11130,55	10441,74
Q9CQJ8	10	3	55,7258	0,930086	1,240653	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9 OS=Mus musculus OX=10090 GN=Ndufb9 PE=1 SV=3	664,3055	609,3033	733,3032	524,5687	287,8146	1150,866	650,3419	1051,666
E9PZS9	8	1	31,0153	0,930729	2,194954	Vomer nasal 2, receptor 101 OS=Mus musculus OX=10090 GN=Vmn2r101 PE=4 SV=1	1817,672	286,5978	51,71649	2249,943	818,4989	617,4781	246,5309	324,7912

Q8K0Q5;H3BJL1	10	2	50,2689	0,931047	1,030999	Rho GTPase-activating protein 18 OS=Mus musculus OX=10090 GN=Arhgap18 PE=1 SV=1	3815,488	4016,658	3559,857	3598,183	4698,259	4011,631	3073,017	3373,549
A3KFU5;A3KFU8;Q6PHQ9;Q91YZ8;V9GXXG3	51	12	412,982	0,932162	1,040703	Polyadenylate-binding protein OS=Mus musculus OX=10090 GN=Pabpc4 PE=1 SV=1	9711,186	7652,078	10171,9	10496,38	9276,424	9357,674	7736,603	10173,39
Q8VBV7;A0A087WPM5	13	4	94,6051	0,932931	1,025478	COP9 signalosome complex subunit 8 OS=Mus musculus OX=10090 GN=Cops8 PE=1 SV=1	3619,891	2947,143	3518,002	3637,365	3966,005	3467,888	3130,296	3116,314
Q3UMCO;A0A0A0MQ80;A0A0G2JFY0	34	3	184,519	0,933929	1,075498	ATPase family protein 2 homolog OS=Mus musculus OX=10090 GN=Spata5 PE=1 SV=2	1235,679	2618,375	581,0913	1700,282	1722,159	794,7062	1952,057	1235,81
F8WIS9;P11798	6	1	42,0857	0,935811	1,070669	Calcium/calmodulin-dependent protein kinase OS=Mus musculus OX=10090 GN=Camk2a PE=1 SV=1	384,3916	1178,996	405,5236	278,4251	276,3715	327,7442	757,2825	737,6027
P14685;F7B7L8	40	12	317,6494	0,936375	1,016761	26S proteasome non-ATPase regulatory subunit 3 OS=Mus musculus OX=10090 GN=Psmc3 PE=1 SV=3	5611,47	5521,044	5577,736	5945,353	5683	6191,427	5829,865	4893,828
Q4KWH5;H3BKE1;H3BKK4;H3BKX1;I1E4X4;I1E4X6	45	7	252,3236	0,936896	1,012393	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-1 OS=Mus musculus OX=10090 GN=Plch1 PE=2 SV=1	6995,429	2087,842	6048,073	7341,454	6497,512	6688,806	4852,409	4327,425
Q9D666;D3YUW9;Q3TSM1	3	1	20,8796	0,93702	1,043847	SUN domain-containing protein 1 OS=Mus musculus OX=10090 GN=Sun1 PE=1 SV=2	295,4692	290,3634	780,0794	474,5272	408,6631	393,4946	470,8603	584,6467
P40336	16	2	103,8823	0,937492	1,06086	Vacuolar protein sorting-associated protein 26A OS=Mus musculus OX=10090 GN=Vps26a PE=1 SV=1	2444,415	2391,305	2075,051	1880,429	2991,293	2387,264	1946,388	1678,649
Q9CR21;F6ZFT1;F8WJ64	9	3	66,0153	0,937663	1,051842	Acyl carrier protein, mitochondrial OS=Mus musculus OX=10090 GN=Ndufab1 PE=1 SV=1	3049,122	2848,7	2126,037	2831,673	3111,573	3274,292	2485,79	1744,181
D3Z7P3;D3Z7P4;F6U529;F7B327	48	18	366,9501	0,937932	1,011116	Glutaminase kidney isoform, mitochondrial OS=Mus musculus OX=10090 GN=Gls PE=1 SV=1	18889,88	9862,429	10226,69	20241,32	19234,03	13792,53	13684,34	13076,18
Q9CPR5;A0A0A6YVP4;F8WHN1	12	1	64,5272	0,938147	1,071342	39S ribosomal protein L15, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl15 PE=1 SV=1	1587,745	1402,033	1389,279	910,3438	868,3274	1483,757	1638,208	1676,465
P62743;A0A0U1RPS0;A0A0U1RQ06	9	4	57,8372	0,939084	1,020619	AP-2 complex subunit sigma OS=Mus musculus OX=10090 GN=Ap2s1 PE=1 SV=1	5137,643	4951,704	4723,524	5419,647	5973,019	5789,612	4013,04	4048,096
Q8CG76	11	2	56,8061	0,940248	1,054327	Aflatoxin B1 aldehyde reductase member 2 OS=Mus musculus OX=10090 GN=Akr7a2 PE=1 SV=3	2727,21	2056,674	2157,992	3320,185	2929,996	2498,982	2144,931	2359,043
O35855;A0A1B0GX27;O88374	11	1	62,4122	0,940771	1,20927	Branched-chain-amino-acid aminotransferase, mitochondrial OS=Mus musculus OX=10090 GN=Bcat2 PE=1 SV=2	57,95852	71,63404	62,90064	2,394121	0	18,47233	84,52774	112,3862
Q3TCH7	22	4	117,86	0,94095	1,210966	Cullin-4A OS=Mus musculus OX=10090 GN=Cul4a PE=1 SV=1	3991,258	798,0995	2994,329	1376,329	1437,661	5439,793	1433,112	1257,794

Q7TMF3;A0A0R4J275;F6R BR6	13	3	78,1048	0,942155	1,293164	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12 OS=Mus musculus OX=10090 GN=Ndufa12 PE=1 SV=2	114,2765	285,3205	109,501	13,56941	56,66401	195,5405	42,87605	109,0967
Q4QRL3;A0A494BB08	41	4	199,5693	0,942216	1,01823	Coiled-coil domain-containing protein 88B OS=Mus musculus OX=10090 GN=Ccdc88b PE=1 SV=2	2902,442	2570,36	2394,318	3193,719	1714,091	2990,445	2976,648	3291,944
G3X9I4	8	1	40,9006	0,942438	1,060569	Aly/REF export factor 2 OS=Mus musculus OX=10090 GN=Alyref2 PE=1 SV=1	845,4986	1188,845	1300,384	1097,279	1177,352	1522,04	996,3873	781,1409
Q8R1N4;A0A0A0MQL8	11	1	60,6606	0,942837	1,043691	NudC domain-containing protein 3 OS=Mus musculus OX=10090 GN=Nudcd3 PE=1 SV=3	111,6197	43,93521	18,97519	144,0018	44,77286	59,53037	103,4388	97,45554
Q60598;Q921L6	49	15	312,4684	0,943329	1,028757	Src substrate cortactin OS=Mus musculus OX=10090 GN=Cttn PE=1 SV=2	13696,53	16093,25	10378,61	16275,72	17785,61	10221,08	15394,64	13625,52
P09671;A0A3B2WBF0	18	8	104,3972	0,943837	1,034526	Superoxide dismutase [Mn], mitochondrial OS=Mus musculus OX=10090 GN=Sod2 PE=1 SV=3	10985,08	9306,234	9823,169	11643,46	12102,23	12505,09	9339,724	9252,626
A0A0G2JGR8	3	1	19,5122	0,943872	1,277931	Predicted gene, 21680 OS=Mus musculus OX=10090 GN=Gm21680 PE=4 SV=1	148,962	130,3001	22,8558	186,5636	118,9906	100,6758	94,5937	71,14841
P70404	23	5	164,4291	0,944592	1,025109	Isocitrate dehydrogenase [NAD] subunit gamma 1, mitochondrial OS=Mus musculus OX=10090 GN=Idh3g PE=1 SV=1	7601,32	7113,799	5678,65	6965,831	7026,015	6988,136	6122,077	6571,9
Q80VM7	19	1	119,9191	0,946324	1,289285	Ankyrin repeat domain-containing protein 24 OS=Mus musculus OX=10090 GN=Ankrd24 PE=2 SV=4	164,0548	313,4314	81,30333	90,12077	150,7451	33,42991	212,8409	439,6145
Q9D1N9	10	4	63,4752	0,946347	1,024611	39S ribosomal protein L21, mitochondrial OS=Mus musculus OX=10090 GN=Mrpl21 PE=1 SV=1	3252,576	2584,176	2368,519	3278,044	3323,678	3045,042	2218,522	2657,09
E9Q6E5;D3Z4B0;D6RE22;F 6RDI8;F6TN80;Q3UIX4	15	3	95,6967	0,946686	1,182393	Serine and arginine-rich-splicing factor 11 OS=Mus musculus OX=10090 GN=Srsf11 PE=1 SV=1	1353,231	1315,807	1356,897	1120,489	578,1062	1426,511	1257,354	1574,992
P61620;A2ATT9;Q9CYJ6;Q 9JLR1	21	6	109,9842	0,947016	1,019612	Protein transport protein Sec61 subunit alpha isoform 1 OS=Mus musculus OX=10090 GN=Sec61a1 PE=1 SV=2	7726,247	5319,695	2844,771	10732,44	8642,875	4954,662	6060,941	6504,906
O70310	34	9	245,343	0,947161	1,032988	Glycylpeptide N-tetradecanoyltransferase 1 OS=Mus musculus OX=10090 GN=Nmt1 PE=1 SV=1	5022,005	3778,113	3919,394	5174,162	5018,49	4579,853	4069,444	4065,854
Q2PFD7;A0A1D5RLK2;A0A 1D5RMH7;E9PUC5;F6Z9E6	10	2	54,1027	0,948	1,254886	PH and SEC7 domain-containing protein 3 OS=Mus musculus OX=10090 GN=Psd3 PE=1 SV=2	1413,941	770,6568	2455,891	3949,164	2392,064	2105,085	1492,434	1407,217
A3KGI3;Q66JQ7	24	1	120,1606	0,9481	1,322177	Kinetochores scaffold 1 OS=Mus musculus OX=10090 GN=Knl1 PE=1 SV=1	207,8936	1959,876	478,2946	326,0739	259,4758	167,3275	921,5705	1039,271
Q9DCX2;B1ASE2	29	8	235,0624	0,948107	1,01921	ATP synthase subunit d, mitochondrial OS=Mus musculus OX=10090 GN=Atp5pd PE=1 SV=3	21480,7	16083,68	17990,91	27884,9	24980,27	19014,28	20757,48	20291,02

Q78ZA7;A0A140LI78;A0A140LI37;A0A140LJB5;B7ZNL2	18	4	164,8753	0,948463	1,021623	Nucleosome assembly protein 1-like 4 OS=Mus musculus OX=10090 GN=Nap114 PE=1 SV=1	5373,671	4686,503	5301,18	6031,976	5095,537	4093,488	5823,602	5927,903
G5E8P0;E9Q6P4;F6W5U8	8	1	43,7876	0,948882	1,083217	Gamma-tubulin complex component 6 OS=Mus musculus OX=10090 GN=Tubgcp6 PE=1 SV=1	1298,401	1003,813	1055,153	1502,984	750,949	930,4026	1771,863	1636,885
B1AZ42;POCOA3	3	2	11,5037	0,949631	1,061444	Charged multivesicular body protein 6 (Fragment) OS=Mus musculus OX=10090 GN=Chmp6 PE=1 SV=1	619,1048	625,6858	479,2826	692,359	559,7058	858,3544	662,4789	484,3676
O35381;D3YYE1;D3Z7M9;F6UFG6	16	1	106,9012	0,950278	1,055403	Acidic leucine-rich nuclear phosphoprotein 32 family member A OS=Mus musculus OX=10090 GN=Anp32a PE=1 SV=1	835,3	702,3423	1055,01	644,4791	1100,597	561,1084	759,1433	848,402
A2ADW8;A2BIO2;A2BI72;B1AV09;B1BOX0;B1BOX6;E9QA14;L7MU67;L7N278;Q62012	29	1	157,301	0,950557	1,035825	Predicted gene 15128 OS=Mus musculus OX=10090 GN=Gm15128 PE=4 SV=1	1008,908	892,7029	763,0595	895,9714	1000,749	1056,928	844,3961	660,7387
A2AJU2;B1AVZ5;B1AZM2;E9Q1L3;L7N236	28	2	156,595	0,950557	1,035825	Predicted gene 10439 OS=Mus musculus OX=10090 GN=Gm10439 PE=4 SV=1	20214,64	17886,33	15288,78	17951,82	20051,16	21176,78	16918,45	13238,66
O55142	14	6	67,1608	0,950935	1,050401	60S ribosomal protein L35a OS=Mus musculus OX=10090 GN=Rpl35a PE=1 SV=2	8592,705	4197,707	4255,98	6731,662	6314,963	5435,298	6118,096	5261,974
Q9DBG3;H3BIY9;H3BJ06;H3BKM0	56	14	413,7062	0,951148	1,022589	AP-2 complex subunit beta OS=Mus musculus OX=10090 GN=Ap2b1 PE=1 SV=1	6102,146	4480,284	4384,172	7738,651	6998,657	6071,981	5501,468	4297,767
O54833;A0A1D5RM55;A0A1D5RM74	18	1	130,5047	0,951212	1,561003	Casein kinase II subunit alpha' OS=Mus musculus OX=10090 GN=Csnk2a2 PE=1 SV=1	566,082	200,8411	1348,034	694,4317	152,8912	3175,393	680,0828	377,0987
A0A3B2WB60;B2KF34;P47811	3	1	16,1661	0,952749	16,16887	Mitogen-activated protein kinase OS=Mus musculus OX=10090 GN=Mapk14 PE=1 SV=1	13,06519	2284,36	24,15099	0	49,05351	0	58,18638	73,28507
Q8K2B3;A0A1Y7VJ55	70	15	505,7163	0,953476	1,054941	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial OS=Mus musculus OX=10090 GN=Sdha PE=1 SV=1	31707,26	21381,45	19806,86	34936,8	30587,8	20592,69	24984,03	26051,97
Q922G0	2	1	10,0566	0,954143	1,04652	Solute carrier family 25 member 36 OS=Mus musculus OX=10090 GN=Slc25a36 PE=2 SV=1	263,6526	68,05821	307,4775	164,9364	252,426	142,6358	216,7124	159,4662
Q8CGF7;A0A494B9W7;A0A494BA28	38	8	212,8595	0,954363	1,037532	Transcription elongation regulator 1 OS=Mus musculus OX=10090 GN=Tcerg1 PE=1 SV=2	4709,866	4242,248	4860,78	4604,895	5994,263	4729,797	4181,269	3924,259
P61358;A2A4Q0	23	11	152,9982	0,954552	1,031002	60S ribosomal protein L27 OS=Mus musculus OX=10090 GN=Rpl27 PE=1 SV=2	43401,02	39802,87	39924,04	44820,05	51089,93	46290,68	38080,8	36211,19
Q9CQ48;E0CYQ2	5	3	27,0797	0,954906	1,057866	NudC domain-containing protein 2 OS=Mus musculus OX=10090 GN=Nudcd2 PE=1 SV=1	1179,773	2043,686	1716,428	1674,716	1462,47	1784,177	1626,359	1379,775
Q3KNYO;A0A087WPK2;F6QKE4	34	4	158,5264	0,955022	1,157155	Immunoglobulin-like and fibronectin type III domain-containing protein 1 OS=Mus musculus OX=10090 GN=Igfn1 PE=1 SV=3	1724,48	505,7178	2115,001	1793,293	1558,867	1408,02	1144,859	1193,07
Q8CFW1	3	1	18,1774	0,955395	1,118254	Anoctamin-2 OS=Mus musculus OX=10090 GN=Ano2 PE=1 SV=2	1227,043	1144,492	2652,415	1903,415	1698,904	1507,765	1531,618	1456,518
Q8BVL3;D3Z7S9	5	1	29,3639	0,955805	1,026384	Sorting nexin-17 OS=Mus musculus OX=10090 GN=Snx17 PE=1 SV=2	4089,593	2196,308	1779,519	5664,209	2715,055	2514,398	4303,706	4278,751

Q8R370	8	1	39,8521	0,955977	1,03231	Usher syndrome type-1C protein-binding protein 1 OS=Mus musculus OX=10090 GN=Ushbp1 PE=1 SV=2	884,8231	668,9687	715,9993	581,2186	881,4049	738,0571	603,4843	538,8307
A8Y5I3;Q5SV02	7	1	41,1923	0,955981	1,018765	DNA repair protein RAD50 (Fragment) OS=Mus musculus OX=10090 GN=Rad50 PE=1 SV=1	1682,462	1155,522	1623,691	1387,722	1406,525	1124,262	1524,846	1774,216
Q8VBV4;D3YUA8	16	1	94,4888	0,957022	1,025808	F-box/WD repeat-containing protein 7 OS=Mus musculus OX=10090 GN=Fbxw7 PE=1 SV=2	481,7965	499,3594	401,7003	569,3824	532,072	476,1081	456,4438	438,4985
Q9JHI7;D6RGB5	14	2	109,5928	0,958001	1,325571	Exosome complex component RRP45 OS=Mus musculus OX=10090 GN=Exosc9 PE=1 SV=1	196,9062	431,2866	183,5052	158,0459	66,50324	642,9026	268,3087	307,7496
E9Q5G3;A0A1L1SRP4	51	10	312,4695	0,96009	1,05023	Kinesin-like protein KIF23 OS=Mus musculus OX=10090 GN=Kif23 PE=1 SV=1	5866,152	4269,624	7061,297	5788,231	6305,634	3883,636	5424,423	6783,662
P17710;B4YB29;D3YYR4;D3Z105;D3Z365;G3UVV4	83	27	557,9342	0,96009	1,031752	Hexokinase-1 OS=Mus musculus OX=10090 GN=Hk1 PE=1 SV=3	11500,61	11509,29	8733,289	11772,85	13316,48	10852,93	9970,911	8910,278
Q8CJG0	28	1	154,8718	0,960181	1,072968	Protein argonaute-2 OS=Mus musculus OX=10090 GN=Ago2 PE=1 SV=3	2168,239	2109,594	1494,975	1793,844	1310,498	2987,624	2120,541	1700,112
Q3UR91;Q3TQ29;Q80U58	5	1	28,0662	0,960627	1,088978	Pumilio homolog 2 OS=Mus musculus OX=10090 GN=Pum2 PE=1 SV=1	17891	7277,842	17790,57	22036,58	18842,37	19171,06	13043,04	12958,25
Q9QXT0;A0A1W2P729	15	7	103,5284	0,960978	1,023386	Protein canopy homolog 2 OS=Mus musculus OX=10090 GN=Cnpy2 PE=1 SV=1	7652,36	6969,008	6444,676	8296,284	8458,925	7979,265	6057,268	6383,415
Q6PAR5;F6X819;F7ADQ2;F7ADS7;F7ADT6	17	3	100,4945	0,961184	1,051917	GTPase-activating protein and VPS9 domain-containing protein 1 OS=Mus musculus OX=10090 GN=Gapvd1 PE=1 SV=2	2606,06	1535,224	2966,797	3018,713	3219,74	3315,595	2247,029	1870,183
P70699;A2AFL5;F6R5R5;F6VEG4	35	10	250,6469	0,961694	1,034798	Lysosomal alpha-glucosidase OS=Mus musculus OX=10090 GN=Gaa PE=1 SV=2	8027,525	6908,931	8822,482	8050,28	8813,113	8946,536	6850,527	6843,148
Q9CXF4	13	4	64,8002	0,962072	1,018856	TBC1 domain family member 15 OS=Mus musculus OX=10090 GN=Tbc1d15 PE=1 SV=1	3253,427	3351,468	3045,811	3612,308	3142,853	4080,994	3038,759	3250,492
Q9CQF9;A0A0N4SWD3;D3Z275;F7CIP8	23	5	167,7851	0,962139	1,020397	Preylcysteine oxidase OS=Mus musculus OX=10090 GN=Pcyox1 PE=1 SV=1	1818,129	1577,54	1439,642	1739,406	1692,718	1960,392	1493,1	1346,019
P33174	36	3	189,8726	0,96332	1,0595	Chromosome-associated kinesin KIF4 OS=Mus musculus OX=10090 GN=Kif4 PE=1 SV=3	2893,639	3505,164	2924,743	2899,347	3794,599	3414,075	3603,08	2138,404
Q9D662;A2AN97;A2AN98;A2AN99;A2ANA0	35	8	239,8172	0,963743	1,018296	Protein transport protein Sec23B OS=Mus musculus OX=10090 GN=Sec23b PE=1 SV=1	2408,909	2329,531	3385,102	2889,249	2697,491	2533,422	2970,166	2699,274
Q8BMS1	69	24	484,8923	0,963813	1,061687	Trifunctional enzyme subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=Hadha PE=1 SV=1	18781,69	10455,56	13578,83	20112	19425,21	13512,87	12799,35	13534,33
Q64096;D3YUF4;E9PXE1;E9PY12;E9PY13;E9Q863;E9QPM7;G3UXP9	11	1	60,3503	0,963966	1,031457	Guanine nucleotide exchange factor DBS OS=Mus musculus OX=10090 GN=Mcf2l PE=1 SV=2	42341,63	39126,06	30604,54	42088,34	42070,42	42538,7	33867,61	33867,36



Q8BJ71;A0A1D5RLQ0	47	10	298,4125	0,96411	1,052767	Nuclear pore complex protein Nup93 OS=Mus musculus OX=10090 GN=Nup93 PE=1 SV=1	8799,892	4934,424	8510,041	8953,728	8204,688	8094,294	8202,539	6115,493
Q8CHP8	11	2	78,1521	0,964368	1,049391	Glycerol-3-phosphate phosphatase OS=Mus musculus OX=10090 GN=Pgp PE=1 SV=1	499,097	386,8123	275,333	603,1114	777,1609	252,8992	330,1286	473,1263
E0CZ42	21	2	114,0064	0,965846	1,035797	Fer-1-like 6 (C. elegans) OS=Mus musculus OX=10090 GN=Fer1l6 PE=1 SV=1	1445,9	1138,704	1026,787	2280,539	1352,719	1399,374	1550,343	1421,571
Q8BHX3	6	1	28,9471	0,965938	3,161482	Borealin OS=Mus musculus OX=10090 GN=Cdca8 PE=1 SV=2	213,9919	359,3911	507,0902	193,058	3666,709	58,63701	125,5433	175,3569
Q8BJ05;A0A1Y7VJD9	9	1	55,537	0,966338	2,862969	Zinc finger CCCH domain-containing protein 14 OS=Mus musculus OX=10090 GN=Zc3h14 PE=1 SV=1	435,1183	24,76612	4,734053	167,716	15,27589	61,75453	266,239	61,80012
Q6PIE5;D3YYN7	52	4	435,942	0,966914	1,02682	Sodium/potassium-transporting ATPase subunit alpha-2 OS=Mus musculus OX=10090 GN=Atp1a2 PE=1 SV=1	4355,104	4772,719	3356,261	4118,527	4413,784	4541,243	3709,41	3639,561
P37913;Q8R055	45	6	256,9637	0,967592	1,018661	DNA ligase 1 OS=Mus musculus OX=10090 GN=Lig1 PE=1 SV=2	16869,81	14534,77	14409,59	17675,19	16519,23	17152,23	15132,81	13522
Q9Z0H8	7	2	30,5941	0,967702	1,129152	CAP-Gly domain-containing linker protein 2 OS=Mus musculus OX=10090 GN=Clip2 PE=1 SV=2	423,4446	1054,583	319,6335	700,4279	677,7834	349,3177	488,2337	697,0228
P17427;A0A0J9YUA7	53	10	345,2147	0,968316	1,031172	AP-2 complex subunit alpha-2 OS=Mus musculus OX=10090 GN=Ap2a2 PE=1 SV=2	9568,637	8699,884	7565,19	11552,28	10672,7	8789,233	8677,128	8247,21
F6RUD1	3	1	19,7696	0,968397	1,013356	Golgi integral membrane protein 4 (Fragment) OS=Mus musculus OX=10090 GN=Golim4 PE=1 SV=1	3575,266	3974,403	3808,839	3875,199	4167,093	4149,469	3442,392	3530,282
B1AVB1;A0A571BDL9;B1AVB2;B1AVB3;B1AVB4;B1AVB5;E9Q796	15	1	94,177	0,968582	1,001791	Scm polycomb group protein-like 2 OS=Mus musculus OX=10090 GN=Scml2 PE=1 SV=1	416,7066	172,1514	252,9015	419,843	403,8029	315,2818	302,574	238,5529
Q8BPG6;A0A0J9YUF6;A0A0J9YUK9	3	1	17,5006	0,968914	1,236106	Inactive C-alpha-formylglycine-generating enzyme 2 OS=Mus musculus OX=10090 GN=Sumf2 PE=1 SV=2	7991,282	2724,365	1695,932	1312,687	1425,666	6120,252	2627,805	3189,933
Q91VH6;A0A3B2W4I2;A0A3B2W7C9;A0A3F2YNL8	14	6	90,2674	0,969137	1,04585	Protein MEMO1 OS=Mus musculus OX=10090 GN=Memo1 PE=1 SV=1	885,4716	1051,53	1225,812	825,7141	1228,533	1174,887	922,4664	756,185
Q60972;A8Y5E8	23	3	89,4641	0,971495	1,008823	Histone-binding protein RBBP4 OS=Mus musculus OX=10090 GN=Rbbp4 PE=1 SV=5	1189,203	1538,255	1227,102	1234,716	1391,294	1377,222	1276,168	1172,483
Q8BFR5;A0A0U1RNQ6;A0A0U1RPC4	54	17	386,7917	0,972048	1,023594	Elongation factor Tu, mitochondrial OS=Mus musculus OX=10090 GN=Tufm PE=1 SV=1	14947,38	13386,49	11831,76	15865,42	15877,28	15433,45	13123,85	12113,02
Q9JIG8	5	1	46,48	0,972395	1,01089	PRA1 family protein 2 OS=Mus musculus OX=10090 GN=Praf2 PE=1 SV=1	184,0538	162,2385	142,3289	244,327	164,9269	287,6434	148,2902	140,0694
Q8BGS0	15	2	100,5633	0,972478	1,01539	Protein MAK16 homolog OS=Mus musculus OX=10090 GN=Mak16 PE=1 SV=1	694,8806	493,6659	380,361	762,51	567,5347	538,4113	667,3289	566,6813
P17426;A0A140LIG7	54	13	429,9234	0,972512	1,014852	AP-2 complex subunit alpha-1 OS=Mus musculus OX=10090 GN=Ap2a1 PE=1 SV=1	10298,26	9471,327	6686,543	12294,16	11206,13	7770,489	9847,093	10058,88

Q9DBJ3	8	2	39,3263	0,972912	1,132084	Brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 1 OS=Mus musculus OX=10090 GN=Baiap2l1 PE=1 SV=1	361,7694	905,781	638,1898	286,1348	407,3244	486,5604	447,7113	594,546
F6YQT7	3	2	14,7673	0,973661	1,023753	Lipase, member I OS=Mus musculus OX=10090 GN=Lipi PE=3 SV=1	1417,013	1526,352	1654,294	1427,066	1383,603	1697,38	1286,892	1737,809
Q91YW3	14	3	112,5597	0,974503	1,055624	DnaJ homolog subfamily C member 3 OS=Mus musculus OX=10090 GN=Dnajc3 PE=1 SV=1	1954,038	1722,625	1138,152	2413,839	2146,366	1724,732	1528,936	1622,448
P08249;A0A0G2JF23;A0A0G2JGY4	83	41	428,7781	0,976042	1,008594	Malate dehydrogenase, mitochondrial OS=Mus musculus OX=10090 GN=Mdh2 PE=1 SV=3	133920,8	118827,1	109090,4	130692,5	126365,2	131319,5	110826,8	123333,7
P02088;A8DUK4;E9Q223;P02089	13	2	69,5991	0,976385	1,143553	Hemoglobin subunit beta-1 OS=Mus musculus OX=10090 GN=Hbb-b1 PE=1 SV=2	584,0419	936,4446	422,2072	1313,116	826,3073	570,3741	779,1085	671,309
Q8BI72;A0A1I7Q4A1	24	8	162,9895	0,977583	1,079763	CDKN2A-interacting protein OS=Mus musculus OX=10090 GN=Cdkn2aip PE=1 SV=1	3041,171	6390,812	1747,271	4067,743	4152,618	3825,07	3260,977	2882,018
A0A1Y7VL21	1	1	8,5456	0,978099	1,15766	Zinc finger protein 839 (Fragment) OS=Mus musculus OX=10090 GN=Zfp839 PE=4 SV=1	389,8915	133,4122	98,2537	296,8582	81,86101	702,396	172,2375	95,0494
Q8R4R6;A2ATJ2	20	2	158,5983	0,978512	1,048064	Nucleoporin NUP35 OS=Mus musculus OX=10090 GN=Nup35 PE=1 SV=2	5464,006	2805,467	6681,687	5297,635	5399,579	4497,412	4694,668	4728,54
P97929	37	2	165,8223	0,978525	1,017552	Breast cancer type 2 susceptibility protein homolog OS=Mus musculus OX=10090 GN=Brca2 PE=1 SV=2	3667,464	4152,824	4095,937	4250,351	5287,887	3487,735	3677,662	3768,599
P55937;A0A0R4J1H6;E9QP99	18	6	80,1771	0,979375	1,076577	Golgin subfamily A member 3 OS=Mus musculus OX=10090 GN=Golga3 PE=1 SV=3	3947,97	7536,041	3450,367	4087,553	5299,696	4189,892	4402,173	3777,138
P25206	59	11	437,0708	0,979396	1,010302	DNA replication licensing factor MCM3 OS=Mus musculus OX=10090 GN=Mcm3 PE=1 SV=2	11297,92	11059,08	9412,938	12978,84	12087,98	10904,38	10710,23	11340,62
Q8BJW5	1	1	3,9587	0,979405	1,008763	Nucleolar protein 11 OS=Mus musculus OX=10090 GN=Nol11 PE=2 SV=1	5250,262	5219,7	4787,269	4804,61	4579,473	5994,851	5287,783	4249,371
Q9CRT8;A0A1W2P7Q6	21	2	125,5788	0,979852	2,020198	Exportin-T OS=Mus musculus OX=10090 GN=Xpot PE=1 SV=3	61,97119	537,4403	26,91364	62,4289	134,124	37,56109	65,92285	103,3261
Q9JKY0	9	1	55,1214	0,979903	1,111462	CCR4-NOT transcription complex subunit 9 OS=Mus musculus OX=10090 GN=Cnot9 PE=1 SV=1	517,7362	652,5606	691,1034	155,346	242,252	368,092	508,5403	695,614
D3YYD5	3	1	12,1184	0,98056	1,101363	Vacuolar protein sorting-associated protein 29 (Fragment) OS=Mus musculus OX=10090 GN=Vps29 PE=1 SV=1	398,2049	410,7032	905,7105	300,5648	400,7853	521,0707	407,7127	512,2999
Q9CR68	20	9	160,2057	0,980714	1,035302	Cytochrome b-c1 complex subunit Rieske, mitochondrial OS=Mus musculus OX=10090 GN=Uqcrfs1 PE=1 SV=1	23111,84	14738,71	18121	23543,13	23083,89	20872,49	17714,77	15881,66
Q9Z0H0;G3UVV7;Q66JY4	8	1	46,2388	0,981537	1,057416	Cell division cycle 7-related protein kinase OS=Mus musculus OX=10090 GN=Cdc7 PE=1 SV=2	322,9515	335,4101	300,4597	304,5438	295,4731	532,3568	273,4245	229,197

O35286;A0A0G2JG10;A0A0G2JGQ5;Q497W9	40	12	314,9641	0,981853	1,014502	ATP-dependent RNA helicase DHX15 OS=Mus musculus OX=10090 GN=Dhx15 PE=1 SV=2	11401,04	10500,53	9343,978	11995,31	12459,32	11503	9423,394	9506,69
F6ZDS4;F6RX08;Q7M739	172	44	1134,742	0,982994	1,022918	Nucleoprotein TPR OS=Mus musculus OX=10090 GN=Tpr PE=1 SV=1	10505,95	12543,4	8047,907	10700,99	11161,29	10746,61	10229,25	9179,375
A0A2I3BQP6;A0A286YDL6;Q923T9	11	2	79,4843	0,983289	1,625578	Calcium/calmodulin-dependent protein kinase OS=Mus musculus OX=10090 GN=Camk2g PE=1 SV=1	37,70741	44,84807	113,1115	64,34241	14,68487	39,00844	154,655	207,8433
Q8CAQ8;A0A0U1RP81;A0A0U1RQ14;A0A1B0GX08;E9PVS5;E9Q800;E9QAY6	93	33	602,1614	0,983485	1,021989	MICOS complex subunit Mic60 OS=Mus musculus OX=10090 GN=Immt PE=1 SV=1	21656,34	15715,15	17955,49	23538,72	22890,09	20456,12	18346,29	15570,18
Q9CPU0;A0A494BAF7;A0A494BBE7	6	2	35,4547	0,984354	1,02632	Lactoylglycyl-L-homoserine synthase OS=Mus musculus OX=10090 GN=Glo1 PE=1 SV=3	1703,806	1840,571	1968,414	2007,615	2366,85	1853,222	1946,527	1551,741
Q9D0D5	7	1	35,7508	0,984909	1,163001	General transcription factor IIE subunit 1 OS=Mus musculus OX=10090 GN=Gtf2e1 PE=1 SV=1	174,4651	932,1919	444,4221	124,0899	262,9554	167,74	489,9493	585,48
E9Q1U1;A2BI14	33	2	186,9359	0,984992	1,085742	Coiled-coil domain-containing protein 171 OS=Mus musculus OX=10090 GN=Ccdc171 PE=2 SV=1	178,9307	254,9359	367,2116	175,4773	165,7259	150,1701	348,9272	313,6596
Q8R0G9	58	10	356,2773	0,985043	1,159527	Nuclear pore complex protein Nup133 OS=Mus musculus OX=10090 GN=Nup133 PE=1 SV=2	3177,346	7774,787	1924,518	3493,287	3896,314	5614,11	2873,932	2929,273
Q9QY06;A0A1D5RLD1;A0A1D5RLW4;E9QKV6	25	3	117,1203	0,985232	1,642906	Unconventional myosin-IXb OS=Mus musculus OX=10090 GN=Myo9b PE=1 SV=2	123,5923	809,978	85,77112	115,276	111,2173	215,9978	153,0183	210,3827
P97369	4	1	25,2892	0,98564	1,024268	Neutrophil cytosol factor 4 OS=Mus musculus OX=10090 GN=Ncf4 PE=1 SV=2	1042,353	1459,211	1390,336	1635,225	1595,302	1824,062	1176,153	890,7608
P97379;A0A0J9YTQ8;A0A0J9YUY8	27	9	175,4692	0,985947	1,011091	Ras GTPase-activating protein-binding protein 2 OS=Mus musculus OX=10090 GN=G3bp2 PE=1 SV=2	4902,985	3955,93	4681,575	4908,19	5140,606	4962,934	3947,458	4223,474
P21550;J3QPZ9;Q5SX59;Q5SX60;Q5SX61	34	2	242,2912	0,98629	1,038734	Beta-enolase OS=Mus musculus OX=10090 GN=Eno3 PE=1 SV=3	725,6836	422,889	569,1397	804,3109	583,444	600,1321	660,2892	628,2834
P59325;A0A1Y7VJG2;A0A1Y7VKT5;A0A1Y7VNP4;Q8BVV6	23	6	151,0873	0,98645	1,038172	Eukaryotic translation initiation factor 5 OS=Mus musculus OX=10090 GN=Eif5 PE=1 SV=1	10734,46	8810,801	8100,109	12468,36	12665,14	8044,43	9266,373	9606,664
Q3TEA8;A2AM63;A2AM65;A2AM69;A2AM70;Z4YKA3;Z4YKB8	23	5	132,4406	0,986616	1,020332	Heterochromatin protein 1-binding protein 3 OS=Mus musculus OX=10090 GN=Hp1bp3 PE=1 SV=1	4693,812	4656,774	3315,753	4677,698	4218,547	4877,066	4334,156	3568,662
P24860;G3UY65;Q68EM3	6	1	40,6449	0,9868	1,03026	G2/mitotic-specific cyclin-B1 OS=Mus musculus OX=10090 GN=Ccnb1 PE=1 SV=3	1008,051	1034,89	1188,182	748,4252	723,6672	1203,888	1050,143	1122,27
Q9CQB5;D3Z3X4	7	3	45,0442	0,987054	1,028776	CDGSH iron-sulfur domain-containing protein 2 OS=Mus musculus OX=10090 GN=Cisd2 PE=1 SV=1	3031,622	3082,197	3061,503	2775,673	3841,943	3354,18	2773,974	2324,796
Q6PGF7	10	1	59,135	0,98775	1,04948	Exocyst complex component 8 OS=Mus musculus OX=10090 GN=Exoc8 PE=1 SV=1	1363,853	2609,821	1288,425	1251,991	1625,822	1835,697	910,7554	1851,267

Q6PGB8;F6QS43;F6Z6F4;Q8BS67	47	5	291,1645	0,988567	1,084813	Probable global transcription activator SNF2L1 OS=Mus musculus OX=10090 GN=Smarca1 PE=1 SV=1	4484,944	1711,575	6165,766	5413,216	5060,088	3517,343	3588,3	4220,05
Q91YR5	20	5	120,9995	0,988696	1,020721	eEF1A lysine and N-terminal methyltransferase OS=Mus musculus OX=10090 GN=Mettl13 PE=1 SV=1	601,2625	676,8203	889,4337	629,2477	549,5741	708,9752	745,4591	826,5182
Q9Z110;D3Z0B4;H3BKJ8;H3BKK0;H3BLE8	67	27	457,5232	0,989227	1,012599	Delta-1-pyrroline-5-carboxylate synthase OS=Mus musculus OX=10090 GN=Aldh18a1 PE=1 SV=2	19993,52	16846,31	18012,49	21598,28	20875,33	19795,85	18168,02	16993,22
P10605	10	3	65,9533	0,989418	1,032632	Cathepsin B OS=Mus musculus OX=10090 GN=Ctsb PE=1 SV=2	973,3841	972,4711	719,2635	1107,072	1085,115	1147,522	900,2463	652,195
Q80U63;A8Y5E5	4	1	25,7191	0,989588	1,084872	Mitofusin-2 OS=Mus musculus OX=10090 GN=Mfn2 PE=1 SV=3	185,6495	162,7148	59,6839	105,2869	154,7233	69,38207	162,7438	120,6881
Q8BG87;A0A087WP90;A0A5K1VVP6	16	1	75,4262	0,989877	1,02031	Methylcytosine dioxygenase TET3 OS=Mus musculus OX=10090 GN=Tet3 PE=1 SV=4	380,4622	510,2519	577,5667	452,438	268,881	569,7282	550,328	544,551
Q3UEB3	34	13	216,0979	0,991597	1,005348	Poly(U)-binding-splicing factor PUF60 OS=Mus musculus OX=10090 GN=Puf60 PE=1 SV=2	18640,37	13259,45	21723,85	18988,73	18785,7	17632,04	17438,92	18439,75
Q9JK48;A0A0G2JEC4	6	1	36,5861	0,991704	1,043962	Endophilin-B1 OS=Mus musculus OX=10090 GN=Sh3glb1 PE=1 SV=1	206,4125	143,1165	69,08864	198,4329	115,53	86,61289	221,5022	210,4358
Q08788;D3YX34;E9Q3M3;E9Q586	72	18	472,6317	0,991729	1,025804	Dynactin subunit 1 OS=Mus musculus OX=10090 GN=Dctn1 PE=1 SV=3	18422,69	17644,91	27294,8	20726,42	23677,24	18520	19877,33	20343,04
Q91YK2;A0A494B9S4;A0A494BAM4;D6RDD0	35	7	205,0261	0,992449	1,038153	Ribosomal RNA processing protein 1 homolog B OS=Mus musculus OX=10090 GN=Rrp1b PE=1 SV=2	2493,627	2202,587	2071,427	2432,547	1432,682	3599,571	2427,86	2045,546
Q91V64;A0A494B9S2	12	2	72,3192	0,994097	1,034123	Isochorismatase domain-containing protein 1 OS=Mus musculus OX=10090 GN=Isoc1 PE=1 SV=1	618,1109	578,4456	490,443	607,3077	608,307	786,3501	406,1377	571,8006
Q62029	43	2	285,4445	0,994113	1,012959	Polyadenylate-binding protein OS=Mus musculus OX=10090 GN=Pabpc2 PE=1 SV=1	3995,888	3769,417	3461,808	4028,368	3580,074	4775,226	3761,663	3336,216
Q8CG85;A0A0R4J0J7	3	1	18,7001	0,994924	1,035526	MAM domain-containing protein 2 OS=Mus musculus OX=10090 GN=Mamdc2 PE=1 SV=1	1091,194	1397,19	1193,159	645,8632	1054,558	1141,457	1150,611	855,1154
Q3V0P3	4	1	23,0368	0,995626	1,091909	Predicted gene 1527 OS=Mus musculus OX=10090 GN=Gm1527 PE=2 SV=1	26,84688	61,85963	141,1888	50,07186	33,30342	39,05177	86,87977	117,6431
Q91YJ2;A0A338P7D2	8	1	43,2039	0,995984	1,035399	Sorting nexin-4 OS=Mus musculus OX=10090 GN=Snx4 PE=1 SV=1	3048,167	2912,435	3171,67	3082,822	4767,102	2862,477	2420,897	2597,015
Q9D6R2;A0A1L1STE6	38	10	287,6431	0,996048	1,030384	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial OS=Mus musculus OX=10090 GN=Idh3a PE=1 SV=1	15901,21	13588,36	9300,095	17993,15	16595,4	12183,64	13873,9	12455,47
Q3U821	25	2	169,8747	0,997274	1,301574	WD repeat-containing protein 75 OS=Mus musculus OX=10090 GN=Wdr75 PE=1 SV=1	277,3217	72,07836	40,56138	490,0036	118,0705	55,50067	282,0861	220,4204
A0A087WS25	2	1	9,8393	0,997403	1,03161	DnaJ heat shock protein family (Hsp40) member C13 (Fragment) OS=Mus musculus OX=10090 GN=Dnajc13 PE=1 SV=1	298,6482	307,1224	359,5323	350,3274	410,7648	448,1698	217,3057	280,9768

Q80TD3;D3YUC5	7	2	39,4837	0,99872	1,04071	Folliculin-interacting protein 2 OS=Mus musculus OX=10090 GN=Fnip2 PE=1 SV=2	1519,247	2724,428	1268,02	1758,426	1605,239	1855,717	2031,398	1493,375
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