Gene Name	Accession	Spec Count	Peptide Num	Norm Int WT	WT	WT	WT	WT	KO	KO	KO	KO	KO	t-test	T-Test p value ($-\log_{10}$)	Mean WT	Mean KO		Fold Change KO/WT ($\log_2$)	Description
UROD	P70697	3	3	917.67	2364	1191.33	2839.67	1637.33	4942.67	4444	5502.67	4840	NA	0.000224593	3.648604477	1790	4932.335	Up	1.46231120219963	Uroporphyrinogen decarboxylase OS=Mus musculus GN=Urod PE=1 SV=2
SEPT8	Q8CHH9	15	15	75457.27	80777.8	80498.6	80324.8	82542.33	89369.07	91827	91953.87	85981.47	90588.73	0.000262056	3.581605931	79920.16	89944.028	Up	0.170468022846855	Septin-8 OS=Mus musculus GN=Sept8 PE=1 SV=4
SIRPA	P97797-3	4	4	11546.5	15069.75	19307	17066.75	17060.25	26488.25	31471.75	28490.5	25040	21964.75	0.000959726	3.017852521	16010.05	26691.05	Up	0.737378247365696	Isoform 3 of Tyrosine-protein phosphatase non-receptor type substrate 1 OS=Mus musculus GN=Sirpa
CSNK1E	Q9JMK2	5	5	14625.8	17282.4	14478.2	17797.6	20288.8	25043.2	24109.2	NA	27246.8	NA	0.001098903	2.959040577	16894.56	25466.4	Up	0.592036253101068	Casein kinase I isoform epsilon OS=Mus musculus GN=Csnk1e PE=1 SV=2
SNX17	Q8BVL3	3	3	6511.67	7445.33	5673.33	8408	7029	10043	9676.33	NA	10475.67	NA	0.001301409	2.885586359	7013.466	10065	Up	0.521147678084246	Sorting nexin-17 OS=Mus musculus GN=Snx17 PE=1 SV=2
NTRK3	Q6VNS1-3	1	1	39555	44029	24849	42282	42445	56721	58319	64126	58884	NA	0.002174181	2.662704305	38632	59512.5	Up	0.623396355158407	Isoform 3 of NT-3 growth factor receptor OS=Mus musculus GN=Ntrk3
ICA1	P97411	1	1	10559	9051	21539	19101	20789	37115	27797	37212	44206	NA	0.002991188	2.52415636	16207.8	36582.5	Up	1.17446539345656	Islet cell autoantigen 1 OS=Mus musculus GN=Ica1 PE=2 SV=3
EDC3	Q8K2D3	1	1	810	985	NA	2609	1950	4510	4089	NA	NA	NA	0.004752482	2.323079499	1588.5	4299.5	Up	1.43650380477205	Enhancer of mRNA-decapping protein 3 OS=Mus musculus GN=Edc3 PE=1 SV=1
NEO1	P97798-3	10	10	18809.1	29849.5	28420.4	28459.6	29020	32469.3	40970.1	40986.7	49470.4	50289.1	0.004829091	2.31613461	26911.72	42837.12	Up	0.67062688850246	Isoform 3 of Neogenin OS=Mus musculus GN=Neo1
PI4K2A	Q2TBE6	1	1	3457	5469	2353	6843	5301	9010	9144	NA	9061	NA	0.005181212	2.285568653	4684.6	9071.6667	Up	0.953441763273863	Phosphatidylinositol 4-kinase type 2-alpha OS=Mus musculus GN=Pi4k2a PE=1 SV=1
MPP1	P70290	2	2	35113	38645.5	36243.5	35935.5	39537.5	41326.5	43314	44952.5	49330	41387.5	0.005674816	2.24604821	37095	44062.1	Up	0.248313515084295	55 kDa erythrocyte membrane protein OS=Mus musculus GN=Mpp1 PE=1 SV=1
PLPPR3	Q7TPB0	12	12	19754.08	27167.42	22944.17	36071.75	22537.17	37822.83	41890.75	38569.67	35248.5	40385.17	0.007207917	2.142190233	25694.918	38783.384	Up	0.593955641561002	Lipid phosphate phosphatase-related protein type 3 OS=Mus musculus GN=Lppr3 PE=2 SV=1
KCNIP4	Q6PHZ8	3	3	3759	1698	NA	3009	3010	4585	5229	NA	5434	NA	0.008102188	2.091397668	2869	5082.6667	Up	0.825037650420122	Kv channel-interacting protein 4 OS=Mus musculus GN=Kcnip4 PE=1 SV=1
MRI1	Q9CQT1	1	1	3708	4607	NA	6561	3873	8806	8689	NA	NA	NA	0.008147302	2.088986172	4687.25	8747.5	Up	0.900129014756664	Methylthioribose-1-phosphate isomerase OS=Mus musculus GN=Mri1 PE=2 SV=1
NECAB1	Q8BG18	1	1	3121	6822	3627	7398	6406	10692	8434	NA	10854	NA	0.009354463	2.028981116	5474.8	9993.3333	Up	0.868159714889478	N-terminal EF-hand calcium-binding protein 1 OS=Mus musculus GN=Necab1 PE=1 SV=1
BRSK2	Q69Z98	3	3	35386.67	47967.33	30246.67	50463.67	53025	58898	69298	63834.67	57816.67	NA	0.009750771	2.010961048	43417.868	62461.835	Up	0.524686068092805	Serine/threonine-protein kinase BRSK2 OS=Mus musculus GN=Brsk2 PE=1 SV=2
NEFL	P08551	68	68	88875.59	106017.49	95295.29	77376.84	88685.94	72985.59	69262.99	76791.53	63851.51	42102.6	0.010180514	1.992230306	91250.23	64998.844	Down	-0.489414135120942	Neurofilament light polypeptide OS=Mus musculus GN=Nefl PE=1 SV=5
CKMT2	Q6P8J7	1	1	256532	332158	243949	354207	221003	192188	175625	61041	143884	NA	0.010524467	1.977799902	281569.8	143184.5	Down	-0.975617278315472	Creatine kinase S-type, mitochondrial OS=Mus musculus GN=Ckmt2 PE=1 SV=1
CCT4	P80315	15	15	55461.2	67608.6	70762.93	78567.93	67655.6	81982.13	81894.13	96445.87	76575.73	85984.67	0.010714104	1.970044156	68011.252	84576.506	Up	0.31448351118879	T-complex protein 1 subunit delta OS=Mus musculus GN=Cct4 PE=1 SV=3
PCLO	Q9QYX7	112	112	27288.54	27696.85	26993.79	31662.31	33810.5	35233.64	36155.1	31620.17	40083.21	35418.01	0.012091141	1.917532721	29490.398	35702.026	Up	0.275760652859781	Protein piccolo OS=Mus musculus GN=Pclo PE=1 SV=4
PDLIM5	Q8CI51	2	2	16867.5	18392	15851	17642	20062.5	20121.5	21390	29076	26743	27936	0.012179033	1.9143872	17763	25053.3	Up	0.496125386942747	PDZ and LIM domain protein 5 OS=Mus musculus GN=Pdlim5 PE=1 SV=4
CXADR	P97792	14	14	6818.36	12762	10800.07	16324.29	10172.71	14071.36	20296.57	18382.93	17130.21	18489.07	0.012269576	1.911170455	11375.486	17674.028	Up	0.635702691292211	Coxsackievirus and adenovirus receptor homolog OS=Mus musculus GN=Cxadr PE=1 SV=1
TENM2	Q9WTS5	1	1	16061	18081	18354	29558	22746	30614	32593	25036	36136	29185	0.013443566	1.871485509	20960	30712.8	Up	0.551201327902502	Teneurin-2 OS=Mus musculus GN=Tenm2 PE=2 SV=1
SYT13	Q9EQT6	1	1	21045	26219	28528	27120	26763	34139	30477	35555	30354	28082	0.014899895	1.826816786	25935	31721.4	Up	0.290556075000251	Synaptotagmin-13 OS=Mus musculus GN=Syt13 PE=1 SV=1
CLPB	Q60649	1	1	14057	14254	7001	16433	14031	18989	18256	NA	18144	21831	0.01496045	1.825055342	13155.2	19305	Up	0.553341372152645	Caseinolytic peptidase B protein homolog OS=Mus musculus GN=Clpb PE=1 SV=1
RAB1B	Q9D1G1	2	2	26429.5	37971.5	29408.5	45457.5	37217	44615.5	51493.5	42892	47036.5	58464.5	0.015143774	1.81976587	35296.8	48900.4	Up	0.470308871300677	Ras-related protein Rab-1B OS=Mus musculus GN=Rab1b PE=1 SV=1
CAMSAP3	Q80VC9	23	23	13946.5	16132.45	18437.45	14104.2	17914.7	18787.85	23979.8	28556.25	24998.75	34598.6	0.015202248	1.818092195	16107.06	26184.25	Up	0.701006097126672	Calmodulin-regulated spectrin-associated protein 3 OS=Mus musculus GN=Camsap3 PE=1 SV=1
ECSIT	Q9QZH6	1	1	35678	18189	30317	54132	32443	65851	46843	54921	60480	NA	0.015305392	1.815155531	34151.8	57023.75	Up	0.739601298009352	Evolutionarily conserved signaling intermediate in Toll pathway, mitochondrial OS=Mus musculus GN=Ecsit PE=1 SV=2
ARTN	Q9Z0L2	1	1	22988	23929	28275	18094	33232	38087	35517	64901	39671	54782	0.015990685	1.79613293	25303.6	46591.6	Up	0.88072721983576	Artemin OS=Mus musculus GN=Artn PE=1 SV=1
PDHX	Q8BKZ9	21	21	63450.24	64244.57	58720.9	55594.86	61160.43	64471	63770.38	67284.14	69390	72975.29	0.017066525	1.767854906	60634.2	67578.162	Up	0.156425354152505	Pyruvate dehydrogenase protein X component, mitochondrial OS=Mus musculus GN=Pdhx PE=1 SV=1
HNRNPD	Q60668-4	7	7	152268.71	117043.14	110406.86	122419	124104.29	99408	103667.14	100795.29	102070.86	63256.71	0.017411416	1.759165915	125248.4	93839.6	Down	-0.416523404794797	Isoform 4 of Heterogeneous nuclear ribonucleoprotein D0 OS=Mus musculus GN=Hnrnpd
CAMSAP3	Q80VC9-2	20	20	16150.88	18825.76	21691.12	16016.59	20795.12	21550.59	27714.35	33595.59	28934.47	40704.24	0.01755438	1.755614515	18695.894	30499.848	Up	0.706080593216147	Isoform 2 of Calmodulin-regulated spectrin-associated protein 3 OS=Mus musculus GN=Camsap3
CD200	O54901	8	8	40753.88	50366.25	77121.12	64796.62	53562.75	71858.62	90474.25	90035.88	75115.62	74829.38	0.017733382	1.751208442	57320.124	80462.75	Up	0.489279315665624	OX-2 membrane glycoprotein OS=Mus musculus GN=Cd200 PE=1 SV=1
BRD3	Q8K2F0	1	1	3113	1655	NA	2964	2544	4589	3961	NA	5487	NA	0.018682445	1.72856628	2569	4679	Up	0.864993338459494	Bromodomain-containing protein 3 OS=Mus musculus GN=Brd3 PE=1 SV=2
SYNE1	Q6ZWR6-5	2	2	24107.5	28808.5	36306.5	41641	48255	50355	52851.5	54170	42506.5	57469.5	0.018724061	1.727599958	35823.7	51470.5	Up	0.522831445659712	Isoform 5 of Nesprin-1 OS=Mus musculus GN=Syne1
ZFAND5	O88878	1	1	2629	4029	7446	9226	7160	11007	10204	15570	18427	NA	0.018838183	1.724960978	6098	13802	Up	1.17846928263124	AN1-type zinc finger protein 5 OS=Mus musculus GN=Zfand5 PE=1 SV=1
GNA11	P21278	2	2	44682	66343.5	67961	60077.5	62363.5	66637.5	81352	105112.5	78002.5	84176	0.019316906	1.714062439	60285.5	83056.1	Up	0.462275086166005	Guanine nucleotide-binding protein subunit alpha-11 OS=Mus musculus GN=Gna11 PE=1 SV=1
GNA14	P30677	3	3	35133.33	48134.33	45307.33	52869.33	47057.67	51426	59802.67	70075	54576.67	56117.33	0.019413369	1.711899101	45700.398	58399.534	Up	0.353750127524749	Guanine nucleotide-binding protein subunit alpha-14 OS=Mus musculus GN=Gna14 PE=1 SV=2
KIF1A	P33173	2	2	42747.5	57001	37944	67387.5	79284	87423	95533	NA	76478	NA	0.020131571	1.696122339	56872.8	86478	Up	0.604594324088846	Kinesin-like protein KIF1A OS=Mus musculus GN=Kif1a PE=1 SV=2
FIS1	Q9CQ92	1	1	29414	32924	13671	66570	43230	86118	62021	NA	93801	NA	0.020300438	1.692494588	37161.8	80646.667	Up	1.11779452133568	Mitochondrial fission 1 protein OS=Mus musculus GN=Fis1 PE=1 SV=1
CLVS1	Q9D4C9-2	1	1	6959	8896	4200	14973	9913	13064	14604	16378	17083	NA	0.020826962	1.681374085	8988.2	15282.25	Up	0.765752834500692	Isoform 2 of Clavesin-1 OS=Mus musculus GN=Clvs1
HEPACAM	Q640R3	3	3	16936	17523.67	15846.33	18962.67	15585	19251.67	21596	25988.67	19110.67	20791.67	0.020880262	1.680264056	16970.734	21347.736	Up	0.331034111113346	Hepatocyte cell adhesion molecule OS=Mus musculus GN=Hepacam PE=1 SV=2
STUB1	Q9WUD1	14	14	34854.69	37087.69	43422.62	26077.38	37275.92	40983.15	40202.15	55823.54	55341	49385.15	0.021306042	1.671497213	35743.66	48346.998	Up	0.435738943693402	STIP1 homology and U box-containing protein 1 OS=Mus musculus GN=Stub1 PE=1 SV=1
RGS3	Q9DC04-4	1	1	2966	3628	3641	4043	3427	4633	4229	7605	6797	5692	0.021677555	1.663989707	3541	5791.2	Up	0.709705477658629	Isoform 2 of Regulator of G-protein signaling 3 OS=Mus musculus GN=Rgs3
SHANK3	Q4ACU6-2	6	6	29980.5	34081.67	38454.83	29101.17	35483.33	22829.67	23943	15053.5	28779.33	NA	0.022352147	1.650680755	33420.3	22651.375	Down	-0.561126055486787	Isoform 2 of SH3 and multiple ankyrin repeat domains protein 3 OS=Mus musculus GN=Shank3
PRRT3	Q6PE13	6	6	19985.67	30935	31919	31003.67	40895.17	47866.5	47423.83	41971.17	40212.83	35714.17	0.022569832	1.646471677	30947.702	42637.7	Up	0.462297329978	Proline-rich transmembrane protein 3 OS=Mus musculus GN=Prrt3 PE=1 SV=1
ADGRB1	Q3UHD1	5	5	12022.2	22393.8	21083.6	13264.4	25675.8	27537.4	38251	27594.2	32503.8	21826.6	0.023974312	1.620253856	18887.96	29542.6	Up	0.645329909707753	Brain-specific angiogenesis inhibitor 1 OS=Mus musculus GN=Bai1 PE=1 SV=1
CRBN	Q8C7D2-3	3	3	6246	4995.33	6674.67	4885.67	5674.33	7131.67	6686.33	9128.67	8230.67	11393.33	0.024274951	1.614841642	5695.2	8514.134	Up	0.580113289839728	Isoform 3 of Protein cereblon OS=Mus musculus GN=Crbn
HNRNPD	Q60668	8	8	138176.5	106827.75	100272.75	112774.62	113738	93120.12	96650.62	88195.88	97046.75	55349.62	0.024457253	1.61159233	114357.92	86072.598	Down	-0.409930414663436	Heterogeneous nuclear ribonucleoprotein D0 OS=Mus musculus GN=Hnrnpd PE=1 SV=2
SPRY2	Q9QXV8	1	1	7566	9780	12237	15211	12818	17080	17514	29582	19628	15657	0.025073317	1.600788201	11522.4	19892.2	Up	0.787761594516369	Protein sprouty homolog 2 OS=Mus musculus GN=Spry2 PE=2 SV=1
CHGA	P26339	1	1	37849	36385	25870	27841	31187	37604	43127	NA	39794	NA	0.025695347	1.590145517	31826.4	40175	Up	0.336074046187465	Chromogranin-A OS=Mus musculus GN=Chga PE=1 SV=1
CADPS2	Q8BYR5-7	1	1	25561	36370	41885	39943	48903	46127	68519	55492	49613	81026	0.025708602	1.589921534	38532.4	60155.4	Up	0.642622202933627	Isoform 7 of Calcium-dependent secretion activator 2 OS=Mus musculus GN=Cadps2
HSD17B4	P51660	7	7	45333	50729.57	39845.71	41122.14	42457	48406.86	52420.14	53769	52642.86	46005	0.025767104	1.588934392	43897.484	50648.772	Up	0.206389037176792	Peroxisomal multifunctional enzyme type 2 OS=Mus musculus GN=Hsd17b4 PE=1 SV=3
MAGED1	Q9QYH6	3	3	2348.5	3305.5	2060.5	4249	4599	6033.5	4548	NA	6310	NA	0.026113037	1.583142612	3312.5	5630.5	Up	0.765342587722932	Melanoma-associated antigen D1 OS=Mus musculus GN=Maged1 PE=1 SV=1
BAX	Q07813	2	2	9275	14860	NA	15178	10422	18111	18208	NA	18936	NA	0.026974006	1.56905455	12433.75	18418.333	Up	0.566881041874435	Apoptosis regulator BAX OS=Mus musculus GN=Bax PE=1 SV=1
DBNL	Q62418-3	29	29	60702.19	48950.22	48415.56	40852.48	55824.37	52230.22	59945.07	67671.63	71022.26	72579.96	0.027623438	1.558722269	50948.964	64689.828	Up	0.344486066037914	Isoform 3 of Drebrin-like protein OS=Mus musculus GN=Dbnl
DBNL	Q62418	28	28	62688.04	50482.08	50277.69	42060.08	57614.77	53952.62	61767.35	70274.38	73239.5	75371.5	0.027898402	1.554420673	52624.532	66921.07	Up	0.346725014716458	Drebrin-like protein OS=Mus musculus GN=Dbnl PE=1 SV=2
TIGAR	Q8BZA9	3	3	14378.33	19412	21122	34335.33	21872.67	27579	30080.33	57431.67	41038	41994	0.028186998	1.549951173	22224.066	39624.6	Up	0.83427358280838	Fructose-2,6-bisphosphatase TIGAR OS=Mus musculus GN=Tigar PE=1 SV=1
U2AF2	P26369	2	2	39069.5	32281.5	39621	31062.5	35825	25948	32625	16835	31308	25413	0.028329887	1.547755152	35571.9	26425.8	Down	-0.428790887433287	Splicing factor U2AF 65 kDa subunit OS=Mus musculus GN=U2af2 PE=1 SV=3
RNF7	Q9WTZ1	1	1	34843	45696	37185	44996	53936	51550	56517	NA	55175	NA	0.028382748	1.546945556	43331.2	54414	Up	0.328571694835627	RING-box protein 2 OS=Mus musculus GN=Rnf7 PE=2 SV=1
NEFM	P08553	65	65	74212.81	87116.38	68388.25	86326.39	76543.7	69770.02	65019.33	46970.22	63522.47	30740.66	0.028460749	1.545753679	78517.506	55204.54	Down	-0.508227429754778	Neurofilament medium polypeptide OS=Mus musculus GN=Nefm PE=1 SV=4
DBNL	Q62418-2	29	29	62706.07	50394.96	48415.56	41471.48	57103.41	53544.07	62029.67	67671.63	73600.04	72579.96	0.028604538	1.543565055	52018.296	65885.074	Up	0.340932524781979	Isoform 2 of Drebrin-like protein OS=Mus musculus GN=Dbnl
STX17	Q9D0I4	3	3	31504	43393.33	34137.33	28095	42154.67	41168.67	44882.33	47070	49729	64882.33	0.029083218	1.536357545	35856.866	49546.466	Up	0.466532760247309	Syntaxin-17 OS=Mus musculus GN=Stx17 PE=1 SV=1
MARCH5	Q3KNM2	1	1	5804	9544	4133	14484	9891	17744	16630	NA	12568	NA	0.029612976	1.52851795	8771.2	15647.333	Up	0.83507067119182	E3 ubiquitin-protein ligase MARCH5 OS=Mus musculus GN=March5 PE=2 SV=1
PCDHGA4	Q91XY4	3	3	29238.33	46478	59826	54882.33	50616	55415.33	67832.67	79078.67	57822.67	71656.33	0.029670596	1.527673726	48208.132	66361.134	Up	0.461062011399533	Protocadherin gamma-A4 OS=Mus musculus GN=Pcdhga4 PE=2 SV=1
CCT2	P80314	31	31	47380.83	52117.37	56149.7	46906.07	48417.6	51975.83	56562.67	60126.33	55158.83	65217.03	0.0304731	1.516083357	50194.314	57808.138	Up	0.203748658619603	T-complex protein 1 subunit beta OS=Mus musculus GN=Cct2 PE=1 SV=4
TOM1	O88746	11	11	13979	15942	18221.3	13356.7	18633.9	18081.1	19440.9	26010.3	21211.8	18924.6	0.031036832	1.508122614	16026.58	20733.74	Up	0.371513782879764	Target of Myb protein 1 OS=Mus musculus GN=Tom1 PE=1 SV=1
STMN4	P63042	1	1	201257	189381	183215	173699	184638	179496	157035	113604	164830	133399	0.031359056	1.503637017	186438	149672.8	Down	-0.31688387705463	Stathmin-4 OS=Mus musculus GN=Stmn4 PE=2 SV=1
MFN2	Q80U63	2	2	4319.5	12062	8762.5	22608.5	24860	34643.5	28709.5	NA	27990	19796.5	0.033460056	1.475473338	14522.5	27784.875	Up	0.936009919975143	Mitofusin-2 OS=Mus musculus GN=Mfn2 PE=1 SV=3
HNRNPH2	P70333	14	14	45762.43	36150.79	33636.29	33761.14	34344.79	32723.79	34136.5	18597.93	26678.71	24373.64	0.03366978	1.472759721	36731.088	27302.114	Down	-0.427988967113197	Heterogeneous nuclear ribonucleoprotein H2 OS=Mus musculus GN=Hnrnph2 PE=2 SV=1
CBX3	P23198	5	5	59226.4	42936.2	48185	66463.6	48523.6	40796.8	49853.8	29763	34493.2	13618.6	0.033758434	1.47161771	53066.96	33705.08	Down	-0.654847855199726	Chromobox protein homolog 3 OS=Mus musculus GN=Cbx3 PE=1 SV=2
PPP1R21	Q3TDD9	7	7	27421	39040.57	21212	27045	30514.29	34409.86	36832.14	52933.29	43629	35344.71	0.034794028	1.458495296	29046.572	40629.8	Up	0.484170352323593	Protein phosphatase 1 regulatory subunit 21 OS=Mus musculus GN=Ppp1r21 PE=2 SV=2
HNRNPH1	O35737	10	10	70054.2	55255.5	50899.3	50191.8	52000.3	51123.3	48295.6	21596.2	37988.1	20987.4	0.034954512	1.456496751	55680.22	35998.12	Down	-0.629243347632435	Heterogeneous nuclear ribonucleoprotein H OS=Mus musculus GN=Hnrnph1 PE=1 SV=3
SPG20	Q8R1X6	1	1	18501	33412	16975	26837	30663	34187	34766	NA	51507	56113	0.034970016	1.456304165	25277.6	44143.25	Up	0.804333358127204	Spartin OS=Mus musculus GN=Spg20 PE=1 SV=1
NUP98	Q6PFD9	3	3	12898.67	11934.33	NA	14356	14379	10826	11355.67	NA	8767	NA	0.035286549	1.452390814	13392	10316.223	Down	-0.376456521879702	Nuclear pore complex protein Nup98-Nup96 OS=Mus musculus GN=Nup98 PE=1 SV=2
OXR1	Q4KMM3-4	13	13	36457.3	41740.9	40612.1	51502.5	46224.1	48931.2	49960.6	54966.6	46804.8	57458.5	0.035311488	1.452083983	43307.38	51624.34	Up	0.25343853706431	Isoform 4 of Oxidation resistance protein 1 OS=Mus musculus GN=Oxr1
CTNNB1	Q02248	16	16	35586.8	51530.6	45869	40305.8	56752.67	57132.4	81349.27	58452.67	57997.73	97197.4	0.036113738	1.442327558	46008.974	70425.894	Up	0.614190687863748	Catenin beta-1 OS=Mus musculus GN=Ctnnb1 PE=1 SV=1
RNF157	Q3TEL6	1	1	3151	4696	3624	4142	3552	5818	5720	9588	9641	NA	0.036518068	1.437492202	3833	7691.75	Up	1.00483787431297	RING finger protein 157 OS=Mus musculus GN=Rnf157 PE=2 SV=2
MAPK8IP2	Q9ERE9	2	2	1293	2942.5	1611	2334	2205.5	2736	2908.5	2725.5	3516.5	NA	0.037459592	1.426436953	2077.2	2971.625	Up	0.516611937971094	C-Jun-amino-terminal kinase-interacting protein 2 OS=Mus musculus GN=Mapk8ip2 PE=1 SV=1
SHANK3	Q4ACU6	20	20	57700.1	49016.4	69718.9	32545.2	54951.65	29460.35	37461.1	41469.7	40580.35	9777.35	0.037808781	1.422407325	52786.45	31749.77	Down	-0.733421504161475	SH3 and multiple ankyrin repeat domains protein 3 OS=Mus musculus GN=Shank3 PE=1 SV=3
NUDT8	Q9CR24	1	1	9115	15393	NA	16063	18964	29906	20717	25991	42017	NA	0.038820309	1.410941008	14883.75	29657.75	Up	0.994671088106163	Nucleoside diphosphate-linked moiety X motif 8, mitochondrial OS=Mus musculus GN=Nudt8 PE=1 SV=1
4931406C07RIK	Q91V76	2	2	35660.5	29242	20083	36996	31021	32850	45535.5	NA	42034	48164	0.038916754	1.409863388	30600.5	42145.875	Up	0.461836209068018	Ester hydrolase C11orf54 homolog OS=Mus musculus PE=2 SV=1
TOM1	O88746-2	7	7	18996.14	19975.14	25300.86	15771.43	23922.43	22686.14	26416.43	37157.57	27667.71	27035.14	0.039653169	1.401722096	20793.2	28192.598	Up	0.439204630097151	Isoform 2 of Target of Myb protein 1 OS=Mus musculus GN=Tom1
RPL36A	P83882	5	5	100170.2	123596.2	121571.2	118735.4	112857	114021	154857.4	125957.6	149862	147485	0.040656197	1.390873247	115386	138436.6	Up	0.262757224787035	60S ribosomal protein L36a OS=Mus musculus GN=Rpl36a PE=1 SV=2
MRPS27	Q8BK72	1	1	36289	67245	59384	75665	70322	94941	109623	101134	65523	NA	0.040701213	1.390392652	61781	92805.25	Up	0.587043198114935	28S ribosomal protein S27, mitochondrial OS=Mus musculus GN=Mrps27 PE=2 SV=2
BRSK2	Q69Z98-4	2	2	41110.5	56308.5	33123	64533.5	73203.5	71115	82967	88367	64245	NA	0.041410207	1.382892604	53655.8	76673.5	Up	0.514993908058695	Isoform 4 of Serine/threonine-protein kinase BRSK2 OS=Mus musculus GN=Brsk2
RCAN1	Q9JHG6	2	2	62513.5	56699.5	52225.5	42160.5	65149.5	58733	62090.5	74094	80061.5	72265	0.042167073	1.37502654	55749.7	69448.8	Up	0.316985724584554	Calcipressin-1 OS=Mus musculus GN=Rcan1 PE=1 SV=1
ANKRD63	A2ARS0	4	4	9346.25	10600.5	8344	8084.75	12663.25	13708.5	11827.5	11228.75	15608.5	NA	0.04239118	1.372724496	9807.75	13093.313	Up	0.416836023152212	Ankyrin repeat domain-containing protein 63 OS=Mus musculus GN=Ankrd63 PE=4 SV=1
MTMR7	Q9Z2C9	2	2	1074	916	1323	4227	3327.5	5317	3874.5	3292.5	4219	NA	0.042895948	1.36758373	2173.5	4175.75	Up	0.942015245468839	Myotubularin-related protein 7 OS=Mus musculus GN=Mtmr7 PE=2 SV=2
ERMN	Q5EBJ4	6	6	39584	35532	22732.67	27654.5	36345	32035.33	21448.83	19524.17	22618.5	18368.5	0.042996016	1.366571789	32369.634	22799.066	Down	-0.505666329936641	Ermin OS=Mus musculus GN=Ermn PE=1 SV=1
CDC42BPA	Q3UU96	2	2	4927	6717	NA	15306	11691	18147	14409	NA	19489	NA	0.043113013	1.365391624	9660.25	17348.333	Up	0.844664638208042	Serine/threonine-protein kinase MRCK alpha OS=Mus musculus GN=Cdc42bpa PE=2 SV=2
NENF	Q9CQ45	3	3	19850.67	24803.67	20958	29142	24489.67	24352.67	30789.67	41368.67	29333	39703.67	0.043316998	1.363341649	23848.802	33109.536	Up	0.473329995857521	Neudesin OS=Mus musculus GN=Nenf PE=1 SV=1
SMARCA2	Q6DIC0	3	3	433.5	1137.5	NA	3100	2389	3892.5	3490.5	NA	NA	NA	0.044531698	1.351330748	1765	3691.5	Up	1.06453897502077	Probable global transcription activator SNF2L2 OS=Mus musculus GN=Smarca2 PE=1 SV=1
CHMP7	Q8R1T1	1	1	1614	3151	2603	1933	2222	3869	3052	5818	6345	NA	0.044750712	1.349200047	2304.6	4771	Up	1.04977531661945	Charged multivesicular body protein 7 OS=Mus musculus GN=Chmp7 PE=1 SV=1
TCOF1	O08784	1	1	1075	728	NA	1155	544	1696	2908	NA	2133	NA	0.044945665	1.347312189	875.5	2245.6667	Up	1.35896471483257	Treacle protein OS=Mus musculus GN=Tcof1 PE=1 SV=1
SHANK3	Q4ACU6-3	16	16	63739.75	51628.19	74395.44	32512.25	58723.81	30682.56	39969.31	46192.06	41917.81	12221.69	0.045111004	1.345717509	56199.888	34196.686	Down	-0.716710734977208	Isoform 4 of SH3 and multiple ankyrin repeat domains protein 3 OS=Mus musculus GN=Shank3
CEP170B	Q80U49-2	7	7	19888.17	16484.83	14389.67	16872.5	21081.17	21449	18973.33	26643	23872.83	33854.83	0.04573695	1.339732799	17743.268	24958.598	Up	0.492265142592893	Isoform 2 of Centrosomal protein of 170 kDa protein B OS=Mus musculus GN=Cep170b
SUN1	Q9D666-3	1	1	13908	18663	15491	15353	21201	21679	22284	NA	28008	NA	0.04641133	1.333375986	16923.2	23990.333	Up	0.503450810489996	Isoform 3 of SUN domain-containing protein 1 OS=Mus musculus GN=Sun1
PLCL2	Q8K394	5	5	24041	34562.33	28315.33	49645.67	33681.67	50087.33	41957.33	NA	56384.33	NA	0.046571627	1.331878591	34049.2	49476.33	Up	0.539117587739717	Inactive phospholipase C-like protein 2 OS=Mus musculus GN=Plcl2 PE=1 SV=2
GLUL	P15105	56	56	56008.2	55792.35	55488.2	57709.47	56921.56	59277.22	59893.56	60470.85	61687.53	70971.44	0.047216456	1.325906615	56383.956	62460.12	Up	0.147650637559849	Glutamine synthetase OS=Mus musculus GN=Glul PE=1 SV=6

FCHSD2	Q3USJ8-3	1	1	7366	6960	3816	11163	10216	14202	11436	9066	14210	NA	0.047371197	1.324485642	7904.2	12228.5	Up	0.629556090572498	Isoform 3 of FCH and double SH3 domains protein 2 OS=Mus musculus GN=Fchsd2
FARP1	F8VPU2	1	1	11853	19297	10878	29448	22283	30233	24961	NA	30288	NA	0.048091949	1.317927625	18751.8	28494	Up	0.603629074345114	FERM, RhoGEF and pleckstrin domain-containing protein 1 OS=Mus musculus GN=Farp1 PE=1 SV=1
CHMP6	P0C0A3	2	2	6174	5147	5011	7995	6817	7472	7665	7622	8270	NA	0.048440627	1.31479024	6228.8	7757.25	Up	0.316591047651031	Charged multivesicular body protein 6 OS=Mus musculus GN=Chmp6 PE=2 SV=2
PCDHA4	O88689	1	1	14366	23643	NA	31432	23080	34249	36444	NA	30599	NA	0.048740836	1.31210703	23130.25	33764	Up	0.545704970129329	Protocadherin alpha-4 OS=Mus musculus GN=Pcdha4 PE=1 SV=1
ARPC3	Q9JM76	3	3	92684.33	95938	111727	111626	87656	108442.33	113118.67	155930	113532.67	130864	0.049264966	1.307461808	99926.266	124377.53	Up	0.315790067766672	Actin-related protein 2/3 complex subunit 3 OS=Mus musculus GN=Arpc3 PE=1 SV=3
MAGI1	Q6RHR9	2	2	14183.5	14500.5	9602.5	16511.5	18188	21567.5	20198.5	16753	27918	NA	0.049432366	1.305988606	14597.2	21609.25	Up	0.565957339601352	Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 1 OS=Mus musculus GN=Magi1 PE=1 SV=1
RHOA	Q9QUI0	7	7	42077.29	65709.71	62697.29	65396.71	54438.29	61407.43	74916	93259.57	64060.57	88971.57	0.04957086	1.304773549	58063.858	76523.028	Up	0.398253528247191	Transforming protein RhoA OS=Mus musculus GN=Rhoa PE=1 SV=1
2310035C23RIK	Q148V7-3	1	1	21147	11237	14744	41355	31281	44839	39077	NA	34464	NA	0.050748228	1.294579117	23952.8	39460	Up	0.720196644150089	Isoform 3 of LisH domain and HEAT repeat-containing protein KIAA1468 OS=Mus musculus GN=Kiaa1468
DDRGK1	Q80WW9	1	1	3658	10773	NA	12903	10895	17237	15590	NA	14089	NA	0.050855959	1.293658155	9557.25	15638.667	Up	0.710450053068058	DDRGK domain-containing protein 1 OS=Mus musculus GN=Ddrgk1 PE=1 SV=2
PFDN2	O70591	4	4	48187.75	52115.75	43620.25	46150	45023	57438.5	59107.25	47054	77782.75	60947	0.051118485	1.291422025	47019.35	60465.9	Up	0.362867162578135	Prefoldin subunit 2 OS=Mus musculus GN=Pfdn2 PE=2 SV=2
HBS1L	Q69ZS7	1	1	11099	14222	6573	14204	11337	14749	16347	NA	14801	NA	0.05120068	1.290724272	11487	15299	Up	0.413435290020907	HBS1-like protein OS=Mus musculus GN=Hbs1l PE=1 SV=2
TTC9	Q3V038	3	3	4560	4421.67	2687.33	5543.67	4284.33	5461.67	5700.33	NA	5490.67	NA	0.052016247	1.283860987	4299.4	5550.89	Up	0.368583764527572	Tetratricopeptide repeat protein 9A OS=Mus musculus GN=Ttc9 PE=2 SV=1
PSD	Q5DTT2-2	3	3	76978	81927.33	31989	62994.33	75197.67	132721.67	71719.33	108199	100996.67	NA	0.05283362	1.277089635	65817.266	103409.17	Up	0.651826085759903	Isoform 2 of PH and SEC7 domain-containing protein 1 OS=Mus musculus GN=Psd
PLPPR3	Q7TPB0-2	1	1	NA	6202	NA	13774	8558	19174	14621	NA	24244	NA	0.053616682	1.270700065	9511.3333	19346.333	Up	1.02434065894124	Isoform 2 of Lipid phosphate phosphatase-related protein type 3 OS=Mus musculus GN=Lppr3
SEC23A	Q01405	4	4	38302	63027	72242.25	79715.25	61735.5	83143.25	90731.75	91453.75	64137	125951	0.054257205	1.26554258	63004.4	91083.35	Up	0.5317347693037	Protein transport protein Sec23A OS=Mus musculus GN=Sec23a PE=1 SV=2
LARP4B	Q6A0A2-3	2	2	10284	11359.5	5394	14361.5	11020	13721	13366.5	14223.5	14767	15644.5	0.054258056	1.265535773	10483.8	14344.5	Up	0.452335944916311	Isoform 3 of La-related protein 4B OS=Mus musculus GN=Larp4b
FAM96B	Q9D187	1	1	6284	6235	3132	6641	6363	7282	7030	8372	7224	NA	0.054825711	1.261015724	5731	7477	Up	0.383672636788831	Mitotic spindle-associated MMXD complex subunit MIP18 OS=Mus musculus GN=Fam96b PE=2 SV=1
SDK2	Q6V4S5-2	1	1	3475	5606	NA	7077	3531	8138	7541	NA	6731	NA	0.055092019	1.258911309	4922.25	7470	Up	0.601790309192272	Isoform 2 of Protein sidekick-2 OS=Mus musculus GN=Sdk2
SPON1	Q8VCC9	1	1	4777	6214	4482	3222	5416	5770	9248	6740	6417	NA	0.055175761	1.258251669	4822.2	7043.75	Up	0.546652217549617	Spondin-1 OS=Mus musculus GN=Spon1 PE=2 SV=1
2610301B20RIK	Q3UJP5	7	7	17581.86	21833	18268.43	17694.86	19960.71	20133.14	22234.71	20483	24645.86	20822.86	0.055340073	1.256960276	19067.772	21663.914	Up	0.184157637104165	Protein C8orf37 homolog OS=Mus musculus PE=1 SV=1
WNK3	Q80XP9	1	1	20717	25565	NA	26113	15673	27243	36288	NA	30135	NA	0.055584994	1.25504244	22017	31222	Up	0.503945052508557	Serine/threonine-protein kinase WNK3 OS=Mus musculus GN=Wnk3 PE=2 SV=3
NDUFAF2	Q59J78	2	2	13027	12749.5	11403.5	10437	11384.5	13416	13973	NA	12546.5	NA	0.056172483	1.250476375	11800.3	13311.833	Up	0.173885738082068	Mimitin, mitochondrial OS=Mus musculus GN=Ndufaf2 PE=2 SV=1
NEFH	P19246	23	23	108805.48	131166.67	90077.52	71687.43	113262.1	87275.43	86761.52	57393.76	78798.67	17842.95	0.056496163	1.247981045	102999.84	65614.466	Down	-0.650556270796563	Neurofilament heavy polypeptide OS=Mus musculus GN=Nefh PE=1 SV=3
LACTB	Q9EP89	4	4	54321.25	56899.5	56201.25	37467	50795.5	53879	57063.25	65782.75	61139.5	74981.5	0.056814618	1.245539908	51136.9	62569.2	Up	0.291087953313779	Serine beta-lactamase-like protein LACTB, mitochondrial OS=Mus musculus GN=Lactb PE=1 SV=1
SNX1	Q9WV80	1	1	27342	38842	22091	27432	22519	28934	39344	NA	48257	41242	0.056904998	1.244849585	27645.2	39444.25	Up	0.512785997221288	Sorting nexin-1 OS=Mus musculus GN=Snx1 PE=1 SV=1
CAPZA2	P47754	6	6	91597.33	121201.17	125903.67	90724.83	118672.17	115126	141236.67	141582.67	118098.83	141006.33	0.057337293	1.241562816	109619.83	131410.1	Up	0.261567308390793	F-actin-capping protein subunit alpha-2 OS=Mus musculus GN=Capza2 PE=1 SV=3
RIMS1	Q99NE5-4	31	31	41564.7	44901.52	39503.41	41722.63	55983.37	50202.19	53666.85	47740.59	63448.22	52761.7	0.057558197	1.239892819	44735.126	53563.91	Up	0.25985319693756	Isoform 4 of Regulating synaptic membrane exocytosis protein 1 OS=Mus musculus GN=Rims1
SCRIB	Q80U72-3	3	3	5016	6962.33	5449.67	5770	9634.67	9292	8357	9678.33	7741.67	NA	0.058550748	1.232467555	6566.534	8767.25	Up	0.41699231058882	Isoform 3 of Protein scribble homolog OS=Mus musculus GN=Scrib
SLC9A1	Q61165	8	8	6246.2	9020.6	3797.4	12052.6	12624.8	13944	15625	9520	14046.6	13040.6	0.059075972	1.228589121	8748.32	13235.24	Up	0.597306458032958	Sodium/hydrogen exchanger 1 OS=Mus musculus GN=Slc9a1 PE=1 SV=1
DPYSL4	O35098	59	59	117058.15	122190.07	130061.59	98944.03	119560.75	113717.22	130886.81	137950.34	152019.36	156650.56	0.060660795	1.217091899	117562.92	138244.86	Up	0.233792747276704	Dihydropyrimidinase-related protein 4 OS=Mus musculus GN=Dpysl4 PE=1 SV=1
DPYSL4	O35098-2	58	58	118986.93	124193.34	132195.91	100600.72	121535.78	115599.62	133060.05	140190.07	154496.34	159351.43	0.060677017	1.216975776	119502.54	140539.5	Up	0.233934457106075	Isoform 2 of Dihydropyrimidinase-related protein 4 OS=Mus musculus GN=Dpysl4
ATAD2	Q8CDM1	1	1	NA	26166	NA	47066	52624	73603	56093	NA	82337	NA	0.061737518	1.209450835	41952	70677.667	Up	0.752514821260306	ATPase family AAA domain-containing protein 2 OS=Mus musculus GN=Atad2 PE=1 SV=1
DLST	Q9D2G2-2	7	7	56525.43	61154.29	54867.14	47304	47084.29	47763.14	47129.14	45486	33189.14	NA	0.061922314	1.208152825	53387.03	43391.855	Down	-0.299065029334656	Isoform 2 of Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial OS=Mus musculus GN=Dlst
FAM171B	Q14CH0	1	1	4648	18103	NA	21944	15844	24135	31873	NA	22788	NA	0.063158742	1.199566532	15134.75	26265.333	Up	0.795295049325663	Protein FAM171B OS=Mus musculus GN=Fam171b PE=1 SV=2
NCLN	Q8VCM8	1	1	4045	4955	6573	5116	5874	8705	7060	18777	7053	14858	0.063417494	1.197790925	5312.6	11290.6	Up	1.08763215759344	Nicalin OS=Mus musculus GN=Ncln PE=2 SV=2
ATL1	Q8BH66	1	1	9719	12105	20730	20656	10914	16510	22579	27705	17862	23682	0.063481183	1.197354991	14824.8	21667.6	Up	0.547526721306972	Atlastin-1 OS=Mus musculus GN=Atl1 PE=1 SV=1
SDHAF2	Q8C6I2	1	1	83543	78360	85886	42148	87513	77795	84695	158144	120324	163725	0.063505599	1.197187981	75490	120936.6	Up	0.679893473423218	Succinate dehydrogenase assembly factor 2, mitochondrial OS=Mus musculus GN=Sdhaf2 PE=2 SV=1
SLIRP	Q9D8T7	9	9	72456.78	75484.67	67848.56	78077.22	76992.22	79302.22	71601.33	91672.56	97205.22	88289	0.064499467	1.190443876	74171.89	85614.066	Up	0.206975313002993	SRA stem-loop-interacting RNA-binding protein, mitochondrial OS=Mus musculus GN=Slirp PE=1 SV=2
ATG16L1	Q8C0J2-3	1	1	3081	3141	NA	5057	3264	5192	4485	NA	5165	NA	0.064677046	1.189249825	3635.75	4947.3333	Up	0.44439810539994	Isoform 3 of Autophagy-related protein 16-1 OS=Mus musculus GN=Atg16l1
ADAM17	Q9Z0F8	1	1	6451	13358	NA	18920	15967	28138	20021	NA	20025	NA	0.065199877	1.185753224	13674	22728	Up	0.733035406203088	Disintegrin and metalloproteinase domain-containing protein 17 OS=Mus musculus GN=Adam17 PE=1 SV=3
FAM189A1	Q6A044	1	1	13925	11658	24119	12456	17326	17337	19244	28978	26658	41318	0.065474925	1.183924993	15896.8	26707	Up	0.748481544426282	Protein FAM189A1 OS=Mus musculus GN=Fam189a1 PE=2 SV=3
HIST1H2AK	Q8CGP7	6	6	479723.67	260643.5	311687.17	90220.83	325429.67	198972.83	183378.67	117133.5	168528.5	1538.17	0.066351005	1.178152497	293540.97	133910.33	Down	-1.1322945676607	Histone H2A type 1-K OS=Mus musculus GN=Hist1h2ak PE=1 SV=3
OPLAH	Q8K010	1	1	2265	6014	6434	15510	10229	14400	12316	14264	NA	NA	0.066812922	1.175139531	8090.4	13660	Up	0.755674545359449	5-oxoprolinase OS=Mus musculus GN=Oplah PE=2 SV=1
SORBS2	Q3UTJ2-2	20	20	51499.9	55081.35	60464.75	39681.95	64104.9	53516.9	62274.7	83863.75	72340.2	69032.4	0.067067128	1.173490292	54166.57	68205.59	Up	0.332487246978324	Isoform 2 of Sorbin and SH3 domain-containing protein 2 OS=Mus musculus GN=Sorbs2
SRR	Q9QZX7	1	1	5147	4818	9575	12813	7772	10128	14264	NA	16071	NA	0.067171097	1.172817556	8025	13487.667	Up	0.749067489812451	Serine racemase OS=Mus musculus GN=Srr PE=1 SV=1
GRIA3	Q9Z2W9	1	1	5457	4932	4200	9880	5596	7674	9237	NA	8653	NA	0.06720068	1.172626331	6013	8521.3333	Up	0.502994228124603	Glutamate receptor 3 OS=Mus musculus GN=Gria3 PE=1 SV=2
PAK1	O88643	11	11	50765.82	50873.82	60002.73	59716.55	66166.27	57842.55	73889.18	69105.55	64263.36	89001.64	0.067557327	1.170327539	57505.038	70820.456	Up	0.300477777313365	Serine/threonine-protein kinase PAK 1 OS=Mus musculus GN=Pak1 PE=1 SV=1
NT5C	Q9JM14	5	5	62251.4	55437.6	67325.6	42446	59617.4	60585.8	66068.6	81578.2	85546.4	63307	0.067558737	1.170318478	57415.6	71417.2	Up	0.314828797417312	5'(3')-deoxyribonucleotidase, cytosolic type OS=Mus musculus GN=Nt5c PE=1 SV=1
SLC17A6	Q8BLE7	2	2	15119	36287.5	30489	25304.5	28712.5	34822.5	34403	34152	39485	36221.5	0.067759567	1.169029375	27182.5	35816.8	Up	0.397958299365196	Vesicular glutamate transporter 2 OS=Mus musculus GN=Slc17a6 PE=1 SV=1
FRMD8	Q3UFK8	1	1	76328	77114	65545	62939	65138	75213	74884	77215	80242	NA	0.067912515	1.168050188	69412.8	76888.5	Up	0.147566108306264	FERM domain-containing protein 8 OS=Mus musculus GN=Frmd8 PE=1 SV=2
LZTS1	P60853	5	5	10669.5	12915.5	19933	8592.5	12442.75	14824.75	14569	39260.5	23626.75	30988.5	0.068075899	1.167006612	12910.65	24653.9	Up	0.933254248114359	Leucine zipper putative tumor suppressor 1 OS=Mus musculus GN=Lzts1 PE=2 SV=3
GPC6	Q9R087	2	2	7273.5	10457.5	3317	23201	14277.5	25268	21511	13620	22809.5	NA	0.069183399	1.159998107	11705.3	20802.125	Up	0.829569001202484	Glypican-6 OS=Mus musculus GN=Gpc6 PE=1 SV=1
HIST1H2AH	Q8CGP6	7	7	433925.57	231455.43	273275	85893.86	293726.29	180890.29	168119.29	109428	154012.86	1318.43	0.06949906	1.158021067	263655.23	122753.77	Down	-1.10288523491886	Histone H2A type 1-H OS=Mus musculus GN=Hist1h2ah PE=1 SV=3
HMOX2	O70252	2	2	55029	93670	74521.5	58903.5	104507.5	89634.5	111331.5	78370.5	128646.5	118439	0.069937469	1.155290087	77326.3	105284.4	Up	0.445260599893296	Heme oxygenase 2 OS=Mus musculus GN=Hmox2 PE=2 SV=1
SORBS2	Q3UTJ2	18	18	57005.56	61075	67183.06	43406.61	71070.94	59032.33	68875.5	93181.94	80184.61	76702.67	0.069994174	1.154938105	59948.234	75595.41	Up	0.334581385314409	Sorbin and SH3 domain-containing protein 2 OS=Mus musculus GN=Sorbs2 PE=1 SV=2
CASKIN1	Q6P9K8-3	44	44	38825.12	39295.98	43802.24	33396.98	40394.07	38518.98	41804.26	47731.52	56289.83	50367.76	0.07014298	1.154015785	39142.878	46942.47	Up	0.262143920254834	Isoform 3 of Caskin-1 OS=Mus musculus GN=Caskin1
KLC1	O88447	17	17	58044.73	62263.47	62242.53	46388.13	65456.87	60488.67	67647.8	65963.87	71205.73	85386.4	0.070294535	1.153078436	58879.146	70138.494	Up	0.252449707373525	Kinesin light chain 1 OS=Mus musculus GN=Klc1 PE=1 SV=3
ALYREF	O08583	4	4	33566	21040.67	22433.67	13518.67	22201.67	16693.67	16392	7698	20807	7589.67	0.070428587	1.152251024	22552.136	13836.068	Down	-0.704830073936322	THO complex subunit 4 OS=Mus musculus GN=Alyref PE=1 SV=3
CAPZA1	P47753	6	6	48145	61720.33	66954.5	47992	69828.83	71442.67	82125.67	87015.33	62344.67	62727.33	0.070781721	1.150078883	58928.132	73131.134	Up	0.311529199178588	F-actin-capping protein subunit alpha-1 OS=Mus musculus GN=Capza1 PE=1 SV=4
HIST3H2A	Q8BFU2	8	8	385604	204350.25	241445.12	75296.12	259417.38	159435.38	148299.25	96666.5	137552.5	1153.62	0.070967528	1.148940324	233222.57	108621.45	Down	-1.10239840894194	Histone H2A type 3 OS=Mus musculus GN=Hist3h2a PE=1 SV=3
VASP	P70460	2	2	40663	42349.5	51891.5	40036.5	47021.5	42295.5	50937	67369.5	64705	84436	0.071161069	1.147757535	44392.4	61948.6	Up	0.480758971081707	Vasodilator-stimulated phosphoprotein OS=Mus musculus GN=Vasp PE=1 SV=4
DUSP3	Q9D7X3	10	10	64200.5	54900.2	62228	49999	54753.1	59080	59167.4	70375.5	67931.5	80951.2	0.071778494	1.144005656	57216.16	67501.12	Up	0.238488764005589	Dual specificity protein phosphatase 3 OS=Mus musculus GN=Dusp3 PE=1 SV=1
CTTNBP2	B9EJA2-3	11	11	23703.09	24806.45	19903.64	24790.45	22317	24636.73	23385.27	28126.45	28718.45	25035.82	0.072357763	1.14051487	23104.126	25980.544	Up	0.169281124126883	Isoform 3 of Cortactin-binding protein 2 OS=Mus musculus GN=Cttnbp2
2610002M06RIK	Q9CQD4	1	1	53356	42515	55929	38526	39812	35534	35642	32422	38806	43663	0.072974593	1.13682832	46027.6	37213.4	Down	-0.306677010383773	Charged multivesicular body protein 1b-2 OS=Mus musculus GN=Chmp1b2 PE=2 SV=2
ARSB	P50429	4	4	32457.5	32278.5	28801.25	54093	34201	51233.75	40670.5	78766.25	45960	49635	0.073077235	1.136217895	36366.25	53253.1	Up	0.550265344544353	Arylsulfatase B OS=Mus musculus GN=Arsb PE=2 SV=3
PPP1R21	Q3TDD9-2	2	2	39293.5	40200.5	NA	21854.5	31871.5	34789	38588	53419.5	55926.5	77653.5	0.073488143	1.133782727	33305	52075.3	Up	0.644860463582871	Isoform 2 of Protein phosphatase 1 regulatory subunit 21 OS=Mus musculus GN=Ppp1r21
FGFR1OP2	Q9CRA9	2	2	11947	14377	16183.5	7411	13376.5	13830.5	12056.5	31642.5	24831	32310	0.073756399	1.132200294	12659	22934.1	Up	0.857330849719707	FGFR1 oncogene partner 2 homolog OS=Mus musculus GN=Fgfr1op2 PE=2 SV=1
LRRC8A	Q80WG5	1	1	2867	17225	NA	21645	15131	26064	29085	NA	20230	NA	0.074046759	1.130493944	14217	25126.333	Up	0.821583088386723	Leucine-rich repeat-containing protein 8A OS=Mus musculus GN=Lrrc8a PE=2 SV=1
SHB	Q6PD21	1	1	2437	2981	NA	2977	2359	4803	3144	5386	7882	NA	0.074123633	1.130043305	2688.5	5303.75	Up	0.980211301902631	SH2 domain-containing adapter protein B OS=Mus musculus GN=Shb PE=1 SV=2
WIPI2	Q80W47	2	2	3894	4564.5	1928	6190.5	7398.5	7737	8879.5	NA	6009	NA	0.074261667	1.129235307	4795.1	7541.8333	Up	0.653354366355602	WD repeat domain phosphoinositide-interacting protein 2 OS=Mus musculus GN=Wipi2 PE=1 SV=1
FKBP1B	Q9Z2I2	2	2	15200.5	13503	17551	8245	15992	13644.5	15753	23592	23244	20798.5	0.074450529	1.128132212	14098.3	19406.4	Up	0.461011304373961	Peptidyl-prolyl cis-trans isomerase FKBP1B OS=Mus musculus GN=Fkbp1b PE=1 SV=3
SHANK3	Q4ACU6-10	13	13	72426.15	58325.31	87478.77	33842.08	64762.08	33548.08	43783.23	56851.77	49743.77	15042.08	0.074710361	1.126619164	63366.878	39793.786	Down	-0.671185773394065	Isoform 9 of SH3 and multiple ankyrin repeat domains protein 3 OS=Mus musculus GN=Shank3
GRIN1	P35438	6	6	16189.5	19748.17	34507.5	19956.83	32986.5	28706.67	33856.33	50625.5	31329	67014.33	0.074740046	1.126446642	24677.7	42306.366	Up	0.777666828164092	Glutamate receptor ionotropic, NMDA 1 OS=Mus musculus GN=Grin1 PE=1 SV=1
STAM	P70297	5	5	31216.8	31587	38098.8	38085.8	36661.4	32724.4	32056.6	25629	34240.8	22632.8	0.076033223	1.118996598	35129.96	29456.72	Down	-0.25410513835963	Signal transducing adapter molecule 1 OS=Mus musculus GN=Stam PE=2 SV=3
MAGI2	Q9WVQ1-3	3	3	86255.67	98829	94198	67656	91018.33	83572.33	97945.33	161705.67	121341	162022.33	0.078087269	1.107419764	87591.4	125317.33	Up	0.516724826698591	Isoform 3 of Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 2 OS=Mus musculus GN=Magi2
RNMT	Q9D0L8-3	2	2	5790.5	7284	606	10407	4679.5	8799	7518	10404	12148.5	NA	0.07823164	1.106617563	5753.4	9717.375	Up	0.756151868700902	Isoform 3 of mRNA cap guanine-N7 methyltransferase OS=Mus musculus GN=Rnmt
LYSMD2	Q9D7V2	2	2	8190.5	5900	8625.5	4123	5700	6213.5	7673	20152.5	12784.5	15841	0.078450593	1.105403767	6507.8	12532.9	Up	0.945478460513182	LysM and putative peptidoglycan-binding domain-containing protein 2 OS=Mus musculus GN=Lysmd2 PE=2 SV=2
SFXN1	Q99JR1	3	3	12864.67	15582.33	31641	22802.67	23628.67	24030.67	26478	43983	32413.33	61949.67	0.078646597	1.104320063	21303.868	37770.934	Up	0.826161064528464	Sideroflexin-1 OS=Mus musculus GN=Sfxn1 PE=1 SV=3
ENO1	P17182	63	63	108366.05	109946.87	100987.54	81807.75	101701.63	105620.38	115020.4	163334.56	114923.06	123974.71	0.078673888	1.104169387	100561.97	124574.62	Up	0.308925407699105	Alpha-enolase OS=Mus musculus GN=Eno1 PE=1 SV=3
PSMB6	Q60692	3	3	17779.67	16273.33	17350.67	26277	17622.67	26634.67	23820.33	30452.33	20759.67	20213	0.078781918	1.10357345	19060.668	24376	Up	0.354862724325706	Proteasome subunit beta type-6 OS=Mus musculus GN=Psmb6 PE=1 SV=3
RPL28	P41105	9	9	73779.33	81266.33	76616.78	69521.89	71124	69876.44	79328.44	92766.78	100277.11	96725.78	0.079395046	1.100206598	74461.666	87794.91	Up	0.2376394051533	60S ribosomal protein L28 OS=Mus musculus GN=Rpl28 PE=1 SV=2
TARSL2	Q8BLY2	1	1	40667	61824	32749	57043	91574	97301	99558	NA	67567	NA	0.07965709	1.098775561	56771.4	88142	Up	0.634665313336689	Probable threonine--tRNA ligase 2, cytoplasmic OS=Mus musculus GN=Tarsl2 PE=2 SV=1
TSC2	Q61037-7	2	2	3753.5	6669	9741	9470	9148	10357	10358	11110	9762.5	NA	0.080695646	1.093149898	7756.3	10396.875	Up	0.422709450572714	Isoform F of Tuberin OS=Mus musculus GN=Tsc2
AMPD2	Q9DBT5	6	6	3616.4	6955.2	7066.4	7834.6	6068.6	8255.6	8800	6520.2	9715.4	7459.8	0.080881053	1.092153202	6308.24	8150.2	Up	0.369597913275003	AMP deaminase 2 OS=Mus musculus GN=Ampd2 PE=1 SV=1
ATG3	Q9CPX6	3	3	51710	61162	64096.33	70729	71274	86955.67	90064	90289	70232.67	159503.67	0.081903777	1.086696069	63794.266	99409.002	Up	0.639949744699573	Ubiquitin-like-conjugating enzyme ATG3 OS=Mus musculus GN=Atg3 PE=1 SV=1
COX14	Q8BH51	1	1	12983	14396	17234	12680	12910	14974	18568	23021	18287	14009	0.082929663	1.081290097	14040.6	17771.8	Up	0.339985222814069	Cytochrome c oxidase assembly protein COX14 OS=Mus musculus GN=Cox14 PE=2 SV=1
MAN2B1	O09159	1	1	32291	34692	14406	31369	29852	35908	35196	43161	41509	30376	0.083061674	1.080599321	28522	37230	Up	0.38439046719459	Lysosomal alpha-mannosidase OS=Mus musculus GN=Man2b1 PE=2 SV=4
VIPAS39	Q8BGQ1	1	1	19749	20304	38479	38083	22619	40760	33569	42076	35018	NA	0.08315679	1.080102283	27846.8	37855.75	Up	0.443000900672002	Spermatogenesis-defective protein 39 homolog OS=Mus musculus GN=Vipas39 PE=1 SV=1
RCHY1	Q9CR50	1	1	4982	5413	10014	7660	8362	8737	8738	14036	15893	NA	0.083312532	1.079289669	7286.2	11851	Up	0.701770298913721	RING finger and CHY zinc finger domain-containing protein 1 OS=Mus musculus GN=Rchy1 PE=1 SV=1
RPL14	Q9CR57	10	10	174539.3	197015	181347.5	111579.6	184248.1	149769	213832.4	248519.6	219462	268565.2	0.083444265	1.078603505	169745.9	220029.64	Up	0.374321152630086	60S ribosomal protein L14 OS=Mus musculus GN=Rpl14 PE=1 SV=3
LYNX1	Q9WVC2-2	1	1	18221	21126	30919	31301	27396	25271	39794	78407	39776	46503	0.08358937	1.077848949	25792.6	45950.2	Up	0.833113930870958	Isoform 2 of Ly-6/neurotoxin-like protein 1 OS=Mus musculus GN=Lynx1
MRPL39	Q9JKF7	7	7	18509.14	21321	26758.43	20371.57	17836.43	22120.86	24102.86	37296	29140.57	24383.57	0.083667459	1.077443421	20959.314	27408.772	Up	0.387046194168038	39S ribosomal protein L39, mitochondrial OS=Mus musculus GN=Mrpl39 PE=2 SV=4
TMOD1	P49813	2	2	25444.5	35225	27317	28003.5	27672.5	37940	36538.5	75893.5	58933	NA	0.084412991	1.073590713	28732.5	52326.25	Up	0.864851344350849	Tropomodulin-1 OS=Mus musculus GN=Tmod1 PE=2 SV=2
CLASP1	Q80TV8	6	6	10882.8	12189.6	11273.4	13987.6	16043.8	14781.6	19429.4	23055.2	22897.4	11032.4	0.084871765	1.071236768	12875.44	18239.2	Up	0.502420716810439	CLIP-associating protein 1 OS=Mus musculus GN=Clasp1 PE=1 SV=2
ADAM11	Q9R1V4	2	2	11375.5	10843	14197	13050.5	11932	15478.5	13020.5	NA	15983	NA	0.084912735	1.07102717	12279.6	14827.333	Up	0.271995588644344	Disintegrin and metalloproteinase domain-containing protein 11 OS=Mus musculus GN=Adam11 PE=1 SV=2
NONO	Q99K48-2	4	4	181110.33	111395.33	89578	93462.33	109032	97035.33	85152	62183.67	84465.67	67177	0.085756729	1.066731794	116915.6	79202.734	Down	-0.56184527955245	Isoform 2 of Non-POU domain-containing octamer-binding protein OS=Mus musculus GN=Nono
RRBP1	Q99PL5-3	2	2	11506	13417	34512	16653	16050	19260	26802	41880	26361	32468	0.086563471	1.062665339	18427.6	29354.2	Up	0.671698751529923	Isoform RRp47 of Ribosome-binding protein 1 OS=Mus musculus GN=Rrbp1
RRBP1	Q99PL5-4	3	3	11506	13417	34512	16653	16050	19260	26802	41880	26361	32468	0.086563471	1.062665339	18427.6	29354.2	Up	0.671698751529923	Isoform RRp41 of Ribosome-binding protein 1 OS=Mus musculus GN=Rrbp1
RRBP1	Q99PL5-6	1	1	11506	13417	34512	16653	16050	19260	26802	41880	26361	32468	0.086563471	1.062665339	18427.6	29354.2	Up	0.671698751529923	Isoform RRp15a of Ribosome-binding protein 1 OS=Mus musculus GN=Rrbp1
PTRHD1	D3Z4S3	1	1	29580	26043	31393	30259	29850	37430	32876	60037	47432	NA	0.08667557	1.062103292	29425	44443.75	Up	0.594938135895205	Putative peptidyl-tRNA hydrolase PTRHD1 OS=Mus musculus GN=Ptrhd1 PE=3 SV=1
ATP5J	P97450	5	5	37983	39775.2	47421	36502	46648.2	43231.8	36270.2	18635.4	33868.8	14742	0.086714636	1.061907593	41665.88	29349.64	Down	-0.505523643235637	ATP synthase-coupling factor 6, mitochondrial OS=Mus musculus GN=Atp5j PE=1 SV=1
ACOT10	Q32MW3	3	3	20493.33	21553.67	16811.33	23115.33	27428.33	26206	26371.67	23377.33	27540.67	NA	0.087237273	1.059297918	21880.398	25873.918	Up	0.24185952442288	Acyl-coenzyme A thioesterase 10, mitochondrial OS=Mus musculus GN=Acot10 PE=2 SV=1

CHL1	P70232-2	1	1	41009	39877	21294	35265	29654	41327	42239	37016	46980	NA	0.087478294	1.058099698	33419.8	41890.5	Up	0.325920004492038	Isoform 2 of Neural cell adhesion molecule L1-like protein OS=Mus musculus GN=Chl1
GLCCI1	Q8K3I9-3	1	1	3203	4631	3583	3001	3475	4494	5157	NA	6739	NA	0.087819815	1.056407483	3578.6	5463.3333	Up	0.610386153876037	Isoform 3 of Glucocorticoid-induced transcript 1 protein OS=Mus musculus GN=Glcci1
AGFG1	Q8K2K6-2	5	5	18554.2	21759.2	16938.4	23664.4	25230.2	21968.6	26300.6	28454.2	25400.8	22992.8	0.088171511	1.054671717	21229.28	25023.4	Up	0.237222383408835	Isoform 2 of Arf-GAP domain and FG repeat-containing protein 1 OS=Mus musculus GN=Agfg1
RNF114	Q9ET26	1	1	3089	2935	2617	2697	3638	4052	5645	NA	7015	NA	0.089020202	1.050511424	2995.2	5570.6667	Up	0.89519765164991	RING finger protein 114 OS=Mus musculus GN=Rnf114 PE=2 SV=2
CLASP1	Q80TV8-2	8	8	9451.17	10807.67	9394.5	13271.67	14453.17	13702.83	18722.5	19212.67	20201.17	9193.67	0.089052688	1.050352966	11475.636	16206.568	Up	0.498004496888456	Isoform 2 of CLIP-associating protein 1 OS=Mus musculus GN=Clasp1
CDH13	Q9WTR5	10	10	10825	14951.89	25481.67	19242.44	15693.11	19130	20889.22	36467.89	24558.44	49656.11	0.089328301	1.049010924	17238.822	30140.332	Up	0.806034116035546	Cadherin-13 OS=Mus musculus GN=Cdh13 PE=1 SV=2
MRPL35	Q9CQL6	2	2	43531.5	43948	6176.5	63744.5	64905	114670.5	90925.5	143129	39863.5	NA	0.089972797	1.045888781	44461.1	97147.125	Up	1.12762765877714	39S ribosomal protein L35, mitochondrial OS=Mus musculus GN=Mrpl35 PE=2 SV=1
PRODH	Q9WU79	1	1	4423	4030	2696	5155	3488	6381	4868	NA	7912	NA	0.090052713	1.045503199	3958.4	6387	Up	0.690221045084443	Proline dehydrogenase 1, mitochondrial OS=Mus musculus GN=Prodh PE=1 SV=2
RAB11FIP2	G3XA57	6	6	56930.6	64845.4	68028	57927	69044.8	74222.4	76640	102303	91023	57525.6	0.09011243	1.0452153	63355.16	80342.8	Up	0.342706615804073	Rab11 family-interacting protein 2 OS=Mus musculus GN=Rab11fip2 PE=1 SV=1
GART	Q64737	2	2	14500	21869	17130.5	10534.5	15360.5	17462.5	23131	42161	25891	63675.5	0.090135246	1.04510535	15878.9	34464.2	Up	1.1179875529317	Trifunctional purine biosynthetic protein adenosine-3 OS=Mus musculus GN=Gart PE=2 SV=3
UBTD2	Q6PGH0	2	2	41492	49427	38952	74809.5	48308	88407	59334.5	NA	73092	NA	0.090218422	1.044704773	50597.7	73611.167	Up	0.540852830452445	Ubiquitin domain-containing protein 2 OS=Mus musculus GN=Ubtd2 PE=2 SV=1
PTEN	O08586	3	3	2316	3029	1463	4835	2546	4202	3689	NA	4375	NA	0.09047996	1.043447598	2837.8	4088.6667	Up	0.526857534282394	Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN OS=Mus musculus GN=Pten PE=1 SV=1
PCP4	P63054	7	7	24608.29	27483.86	34198.29	34858	28014	28847.43	25963.71	17187.29	26783.43	10350.57	0.091258113	1.039728514	29832.488	21826.486	Down	-0.450804422661459	Purkinje cell protein 4 OS=Mus musculus GN=Pcp4 PE=2 SV=2
CLASP2	Q8BRT1-5	2	2	9256	11722.5	17942	17173	16739.5	18893	18723.5	21956	13502.5	27581	0.092042865	1.036009871	14566.6	20131.2	Up	0.466768996114628	Isoform 2 of CLIP-associating protein 2 OS=Mus musculus GN=Clasp2
LXN	P70202	1	1	23343	19419	31745	13340	20742	19929	33907	43373	38420	NA	0.092112467	1.035681586	21717.8	33907.25	Up	0.642715814939025	Latexin OS=Mus musculus GN=Lxn PE=1 SV=2
DMWD	Q08274	2	2	13030	19747.5	4384.5	25535.5	23854	27188	25179	NA	25212.5	NA	0.092161157	1.035452084	17310.3	25859.833	Up	0.579082249138169	Dystrophia myotonica WD repeat-containing protein OS=Mus musculus GN=Dmwd PE=2 SV=3
BORCS6	Q9D6W8	2	2	2692.5	2409	1246	3437.5	3339	3969.5	3269.5	NA	6368	3632	0.092203984	1.035250314	2624.8	4309.75	Up	0.715396684911296	Uncharacterized protein C17orf59 homolog OS=Mus musculus PE=1 SV=1
PMM1	O35621	7	7	62519.17	52357.33	68050.67	44793.83	64159.17	69827.17	66537	148274.5	81556.17	88994.17	0.092548103	1.033632479	58376.034	91037.802	Up	0.641089526757599	Phosphomannomutase 1 OS=Mus musculus GN=Pmm1 PE=1 SV=1
MAP7	O88735	1	1	121926	88855	154683	86117	114081	150360	109327	233010	153216	151821	0.092896888	1.031998835	113132.4	159546.8	Up	0.495967510956982	Ensconsin OS=Mus musculus GN=Map7 PE=1 SV=1
PLXND1	Q3UH93	5	5	3269.4	6928	7000.2	10563.6	8352.4	11058.2	10572.6	12785.8	7506.4	8658.8	0.093080872	1.031139557	7222.72	10116.36	Up	0.486076134407257	Plexin-D1 OS=Mus musculus GN=Plxnd1 PE=1 SV=1
ANK3	G5E8K5-2	23	23	22926.83	28839.78	33730	34533.65	28138.35	33425.91	34776.26	53492.39	29611.17	48944.22	0.093123736	1.030939609	29633.722	40049.99	Up	0.434562042013734	Isoform 2 of Ankyrin-3 OS=Mus musculus GN=Ank3
ISCA2	Q9DCB8	10	10	24307.8	31712.4	27691	22962.6	28450.1	29344	27449.4	31942.8	34678.8	30675.7	0.093151498	1.030810155	27024.78	30818.14	Up	0.18949691847741	Iron-sulfur cluster assembly 2 homolog, mitochondrial OS=Mus musculus GN=Isca2 PE=2 SV=2
ANK3	G5E8K5	21	21	25027.43	31474.33	36876.05	37702.33	30671.71	36356.24	37954.52	58348.33	32375.81	53605.57	0.093693249	1.028291702	32350.37	43728.094	Up	0.434778253454689	Ankyrin-3 OS=Mus musculus GN=Ank3 PE=1 SV=1
VWA5A	Q99KC8	1	1	4223	5166	852	4552	4700	5891	5564	NA	8982	NA	0.094386553	1.025089873	3898.6	6812.3333	Up	0.805192888583227	von Willebrand factor A domain-containing protein 5A OS=Mus musculus GN=Vwa5a PE=1 SV=2
PSPC1	Q8R326	4	4	71562.25	60057.25	48629	42520.75	62785.5	61670	52872	26142.25	31844	27426	0.094684228	1.023722357	57110.95	39990.85	Down	-0.514097437240908	Paraspeckle component 1 OS=Mus musculus GN=Pspc1 PE=1 SV=1
AAK1	Q6PIU9	2	2	900	552.5	NA	3133.5	2247.5	3138.5	2884.5	NA	3380	NA	0.094813973	1.023127655	1708.375	3134.3333	Up	0.875533926046921	Uncharacterized protein FLJ45252 homolog OS=Mus musculus PE=1 SV=2
ACP1	Q9D358	7	7	24995.5	18520	31513.17	12939	21963.83	19586.83	25209.5	41787.67	35486.83	50606.83	0.094980836	1.022364014	21986.3	34535.532	Up	0.651476609353016	Low molecular weight phosphotyrosine protein phosphatase OS=Mus musculus GN=Acp1 PE=1 SV=3
PPP4R4	Q8C0Y0	1	1	41933	49844	44782	41846	60875	63899	69204	128921	73248	NA	0.095252084	1.021125511	47856	83818	Up	0.808560281841054	Serine/threonine-protein phosphatase 4 regulatory subunit 4 OS=Mus musculus GN=Ppp4r4 PE=2 SV=1
CAT	P24270	6	6	21800.33	32442.17	29551.67	35657.67	26162.17	33037.83	32728.67	45419	29851.5	50289.83	0.095434372	1.020295178	29122.802	38265.366	Up	0.393890030174019	Catalase OS=Mus musculus GN=Cat PE=1 SV=4
NAV3	Q80TN7	3	3	17816	22263	27964	14417	19739	27711	26335	68900	50447	23834	0.096002246	1.017718606	20439.8	39445.4	Up	0.948475987617759	Neuron navigator 3 OS=Mus musculus GN=Nav3 PE=1 SV=2
DEK	Q7TNV0	1	1	64342	46641	31257	48932	62209	45627	39023	12551	32760	NA	0.09631108	1.016323748	50676.2	32490.25	Down	-0.641301502067199	Protein DEK OS=Mus musculus GN=Dek PE=1 SV=1
OSCP1	Q8BHW2	1	1	29070	45963	27947	37052	59170	54994	53897	NA	48497	NA	0.096917538	1.013597626	39840.4	52462.667	Up	0.397059009138669	Protein OSCP1 OS=Mus musculus GN=Oscp1 PE=2 SV=1
NHP2L1	Q9D0T1	1	1	313152	204248	161926	198085	223649	207465	213508	62494	147535	108689	0.097157044	1.012525706	220212	147938.2	Down	-0.573898460359101	NHP2-like protein 1 OS=Mus musculus GN=Nhp2l1 PE=1 SV=4
PAK3	Q61036	6	6	33037.5	40003.5	43383.83	48723.83	38273.5	44418.67	46609.5	58145.67	39812.83	60893	0.097351708	1.011656423	40684.432	49975.934	Up	0.296756680534164	Serine/threonine-protein kinase PAK 3 OS=Mus musculus GN=Pak3 PE=1 SV=2
FAHD1	Q8R0F8	3	3	10461.67	11242.33	6287.33	15809.33	10440	13009.33	13350.67	NA	14131.33	16228	0.097377407	1.011541795	10848.132	14179.833	Up	0.38639385237116	Acylpyruvase FAHD1, mitochondrial OS=Mus musculus GN=Fahd1 PE=1 SV=2
PTGR2	Q8VDQ1-2	1	1	13723	23256	10107	17030	18507	22063	27263	18949	39009	NA	0.097664309	1.010264119	16524.6	26821	Up	0.698747678204528	Isoform 2 of Prostaglandin reductase 2 OS=Mus musculus GN=Ptgr2
ANK2	Q8C8R3-3	34	34	19189.06	24526.82	23586.36	28951.64	27801.88	27986.12	32462.03	24994.88	27623.18	31923.12	0.09779402	1.009687702	24811.152	28997.866	Up	0.224958011702962	Isoform 3 of Ankyrin-2 OS=Mus musculus GN=Ank2
RPS4X	P62702	18	18	79712.28	92650.83	83519.5	102978.83	83548.61	87831.28	95862.89	104476.17	99252.28	104266.5	0.098669538	1.005816906	88482.01	98337.824	Up	0.152362272939023	40S ribosomal protein S4, X isoform OS=Mus musculus GN=Rps4x PE=2 SV=2
HIST1H1T	Q07133	5	5	493508.8	256429.8	206467.2	162368.2	331856.4	212019.6	176863.4	125646	157283.2	157843.2	0.099112303	1.00387243	290126.08	165931.08	Down	-0.806095850014742	Histone H1t OS=Mus musculus GN=Hist1h1t PE=1 SV=4
PDCD10	Q8VE70	2	2	37913	39569.5	27547	44376.5	42741.5	45340	43786.5	NA	45067.5	NA	0.099165445	1.003639635	38429.5	44731.333	Up	0.219071556397262	Programmed cell death protein 10 OS=Mus musculus GN=Pdcd10 PE=1 SV=1
SRRM2	Q8BTI8-3	2	2	9051	15218.5	6351	14955.5	17247	22855	19786	12285.5	18549	NA	0.099372344	1.002734466	12564.6	18368.875	Up	0.547898528365715	Isoform 3 of Serine/arginine repetitive matrix protein 2 OS=Mus musculus GN=Srrm2
TRIM32	Q8CH72	2	2	52051	61006	51286	74618	82930	82536	85305	80129	69204	139713	0.100401358	0.998260413	64378.2	91377.4	Up	0.505265153564707	E3 ubiquitin-protein ligase TRIM32 OS=Mus musculus GN=Trim32 PE=1 SV=2
MTCH1	Q791T5	1	1	61842	168421	47741	295601	303326	377588	393611	NA	219819	NA	0.100428896	0.99814131	175386.2	330339.33	Up	0.913413524848866	Mitochondrial carrier homolog 1 OS=Mus musculus GN=Mtch1 PE=2 SV=1
FRRS1L	B1AXV0	3	3	48873	43258.67	61860	52123	47664.33	53935.67	66774.33	59306	50391.33	76339.33	0.100632998	0.997259588	50755.8	61349.332	Up	0.273474942930425	DOMON domain-containing protein FRRS1L OS=Mus musculus GN=Frrs1l PE=1 SV=1
GLOD4	Q9CPV4-3	5	5	59663.4	62066.4	72277	75875.2	67418.6	65338	66458.8	23618.4	52922.4	45101	0.10097783	0.995773968	67460.12	50687.72	Down	-0.412398613590403	Isoform 3 of Glyoxalase domain-containing protein 4 OS=Mus musculus GN=Glod4
MRPL46	Q9EQI8	5	5	17861.6	17822.8	19467.2	14011.2	14667	19061	18159.8	27667.6	20566.4	38133	0.101057861	0.9954299	16765.96	24717.56	Up	0.560001241685093	39S ribosomal protein L46, mitochondrial OS=Mus musculus GN=Mrpl46 PE=1 SV=1
SEPT9	Q80UG5-2	25	25	38682.6	40655.4	40534.2	37355.72	40042.84	43167.16	45740.68	57909.84	51942.04	36860.32	0.10134864	0.994182075	39454.152	47124.008	Up	0.256285116969168	Isoform 2 of Septin-9 OS=Mus musculus GN=Sept9
DDX3X	Q62167	7	7	23753.29	24513.71	32637.29	19928.43	26110.86	25973.29	25147.57	47997	33759.43	42694.57	0.101498301	0.993541225	25388.716	35114.372	Up	0.467874199166641	ATP-dependent RNA helicase DDX3X OS=Mus musculus GN=Ddx3x PE=1 SV=3
IK	Q9Z1M8	1	1	5439	5855	6585	4750	7660	6737	8125	7360	6614	NA	0.101699423	0.992681512	6057.8	7209	Up	0.25100520125889	Protein Red OS=Mus musculus GN=Ik PE=1 SV=2
MRPL50	Q8VDT9	2	2	52920	73404.5	36796.5	58146.5	67610	72050.5	76222.5	104374.5	97629.5	49115	0.101976866	0.991498341	57775.5	79878.4	Up	0.467347595145714	39S ribosomal protein L50, mitochondrial OS=Mus musculus GN=Mrpl50 PE=2 SV=2
NDRG3	Q9QYF9	4	4	4846.5	8806.25	11685.5	6002	7975	8393.5	10400.75	13267	9114	11984	0.102295177	0.990144842	7863.05	10631.85	Up	0.43523172211465	Protein NDRG3 OS=Mus musculus GN=Ndrg3 PE=1 SV=1
MRPL45	Q9D0Q7	3	3	83232.33	76477.33	96265.67	65381.67	72791.67	78499.67	76328.67	159145.67	113088.67	139658	0.103475386	0.985162944	78829.734	113344.14	Up	0.523897941901901	39S ribosomal protein L45, mitochondrial OS=Mus musculus GN=Mrpl45 PE=2 SV=1
NONO	Q99K48	9	9	85239.38	54627.62	42549.75	46720.62	52980	48870	42052.38	33865.38	39062.75	39246.5	0.104176734	0.98222926	56423.474	40619.402	Down	-0.474126495170585	Non-POU domain-containing octamer-binding protein OS=Mus musculus GN=Nono PE=1 SV=3
RNF34	Q99KR6	4	4	4791	4610	1173	5577	5880	5952.33	6173.33	NA	6377.67	NA	0.104446381	0.981106605	4406.2	6167.7767	Up	0.485215545347947	E3 ubiquitin-protein ligase RNF34 OS=Mus musculus GN=Rnf34 PE=1 SV=1
PALM3	A2TJV2	2	2	1258	1098	NA	1578	1044	1895	2524	NA	1549	NA	0.104447135	0.981103469	1244.5	1989.3333	Up	0.676718804553046	Paralemmin-3 OS=Mus musculus GN=Palm3 PE=2 SV=1
ACP1	Q9D358-2	5	5	29589	21690.6	36686.2	14539.4	25534.8	22242.6	29022	50145.2	40928	60728.2	0.104868514	0.979354886	25608	40613.2	Up	0.665354122740849	Isoform 2 of Low molecular weight phosphotyrosine protein phosphatase OS=Mus musculus GN=Acp1
GM996	A2AJA9	16	16	30876.88	34392.94	33201	28205.94	37176.19	34857.31	38696.19	51584.06	40128	33078	0.104896756	0.979237943	32770.59	39668.712	Up	0.275599908181309	Uncharacterized protein C9orf172 homolog OS=Mus musculus GN=Gm996 PE=1 SV=1
ALDH1B1	Q9CZS1	7	7	39750.71	49931.29	51775	44970	53738.14	51609.86	46649.86	30805	32154.14	28580	0.105003645	0.978795624	48033.028	37959.772	Down	-0.339555431833464	Aldehyde dehydrogenase X, mitochondrial OS=Mus musculus GN=Aldh1b1 PE=1 SV=1
NFX1	B1AY10	3	3	1375.67	1745	504	2988	2190.67	3922.67	1978.67	2361	4616.33	NA	0.105455464	0.976930914	1760.668	3219.6675	Up	0.870788813382949	Transcriptional repressor NF-X1 OS=Mus musculus GN=Nfx1 PE=2 SV=1
AGFG2	Q80WC7	4	4	34911	37651	27263	24304.5	35689.25	27669.25	30898.5	18444.5	29891.5	17517.75	0.105521451	0.976659246	31963.75	24884.3	Down	-0.361200871452373	Arf-GAP domain and FG repeat-containing protein 2 OS=Mus musculus GN=Agfg2 PE=1 SV=1
TPD52	Q62393	5	5	20946.4	25674.2	27788.8	19046.6	21679.8	23887.8	22945.6	43291.8	31170.4	32577.6	0.105632718	0.976201544	23027.16	30774.64	Up	0.418405489502023	Tumor protein D52 OS=Mus musculus GN=Tpd52 PE=1 SV=2
CORT	P56469	1	1	8745	4718	10276	7681	6143	11539	8585	26244	20175	NA	0.10615776	0.974048254	7512.6	16635.75	Up	1.14690271488062	Cortistatin OS=Mus musculus GN=Cort PE=2 SV=1
RAN	P62827	6	6	101014	115723.5	139880	125695.67	111028.67	133346	129256.33	241789.67	127923.67	218550.17	0.106307357	0.973436679	118668.37	170173.17	Up	0.520068154120587	GTP-binding nuclear protein Ran OS=Mus musculus GN=Ran PE=1 SV=3
TBCE	Q8CIV8	1	1	32432	38637	28176	19036	43089	30849	42755	51452	52852	92867	0.106575147	0.97234406	32274	54155	Up	0.74672214976106	Tubulin-specific chaperone E OS=Mus musculus GN=Tbce PE=1 SV=1
SNTA1	Q61234	1	1	3793	4034	NA	5855	7342	7255	7050	NA	NA	NA	0.106628353	0.972127297	5256	7152.5	Up	0.444482316888216	Alpha-1-syntrophin OS=Mus musculus GN=Snta1 PE=1 SV=1
RNF11	Q9QYK7	3	3	1901.67	2948.67	NA	6264.67	6077.33	7327	6813.33	NA	6161	NA	0.107895795	0.966995481	4298.085	6767.11	Up	0.65484582573518	RING finger protein 11 OS=Mus musculus GN=Rnf11 PE=1 SV=1
PJA1	O55176	2	2	3990.5	5502.5	4035.5	5263	6269	6208	6034.5	NA	8317.5	NA	0.108164168	0.965916586	5012.1	6853.3333	Up	0.451390659508122	E3 ubiquitin-protein ligase Praja-1 OS=Mus musculus GN=Pja1 PE=1 SV=3
MAP6	Q7TSJ2	74	74	56163.49	52521.57	68060.57	43911.27	54571.35	53350.92	55244.34	70606.05	81328.42	84517.16	0.108434081	0.964834195	55045.65	69009.378	Up	0.326163870781116	Microtubule-associated protein 6 OS=Mus musculus GN=Map6 PE=1 SV=2
TRMU	Q9DAT5	1	1	6784	7471	5096	6716	5983	8061	9255	NA	12581	NA	0.108823268	0.963278237	6410	9965.6667	Up	0.636641962472486	Mitochondrial tRNA-specific 2-thiouridylase 1 OS=Mus musculus GN=Trmu PE=2 SV=1
GMPS	Q3THK7	2	2	20670.5	8377	NA	17081.5	18745.5	19995.5	22745	NA	30099	NA	0.109217567	0.961707504	16218.625	24279.833	Up	0.58210700399038	GMP synthase [glutamine-hydrolyzing] OS=Mus musculus GN=Gmps PE=1 SV=2
GRIP1	Q925T6-3	1	1	8616	6800	5003	5309	6618	9069	5997	11073	9665	19169	0.109904114	0.95898605	6469.2	10994.6	Up	0.765135897227806	Isoform 3 of Glutamate receptor-interacting protein 1 OS=Mus musculus GN=Grip1
GPSM1	Q6IR34-4	1	1	8794	12914	NA	12054	9717	9012	8422	NA	NA	NA	0.110224046	0.957723653	10869.75	8717	Down	-0.318415144646285	Isoform 4 of G-protein-signaling modulator 1 OS=Mus musculus GN=Gpsm1
GIGYF2	Q6Y7W8	1	1	8538	3128	9447	15784	13067	12848	15132	NA	21039	NA	0.11029003	0.957463746	9992.8	16339.667	Up	0.709417666995599	PERQ amino acid-rich with GYF domain-containing protein 2 OS=Mus musculus GN=Gigyf2 PE=1 SV=2
HIST2H2AB	Q64522	2	2	1367939.5	734959.5	902591.5	236997	932025	560117	510691.5	314910.5	465601	NA	0.111673486	0.952049925	834902.5	462830	Down	-0.851125348375833	Histone H2A type 2-B OS=Mus musculus GN=Hist2h2ab PE=1 SV=3
NDUFB3	Q9CQZ6	1	1	12815	16039	14959	23986	15166	18648	23341	NA	28023	NA	0.111722206	0.951860498	16593	23337.333	Up	0.492064971402321	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3 OS=Mus musculus GN=Ndufb3 PE=1 SV=1
MATK	P41242-3	4	4	4039.25	5268	3412.5	6925.75	5272.25	7816.5	8177.25	NA	5415.75	NA	0.112093534	0.950419437	4983.55	7136.5	Up	0.51804289431475	Isoform 3 of Megakaryocyte-associated tyrosine-protein kinase OS=Mus musculus GN=Matk
KIF21B	Q9QXL1	5	5	18805.8	28169.2	20178.6	22094.8	23857	21873.8	36938.4	31002.2	28296.6	NA	0.112337172	0.949476513	22621.08	29527.75	Up	0.384403618334113	Kinesin-like protein KIF21B OS=Mus musculus GN=Kif21b PE=1 SV=2
CCSAP	Q8QZT2	7	7	35911.29	38730	25296	24019.43	37418.71	37333.57	40169.43	34637.86	60116.14	39173.57	0.112915771	0.947245395	32275.086	42286.114	Up	0.389763046252726	Centriole, cilia and spindle-associated protein OS=Mus musculus GN=Ccsap PE=2 SV=1
MAP6	Q7TSJ2-2	67	67	57157.88	53571.15	71784.28	41955.96	55968.84	54225.21	56421.72	73512.9	85014.94	88610.24	0.113005206	0.94690155	56087.622	71557.002	Up	0.351410527530841	Isoform 2 of Microtubule-associated protein 6 OS=Mus musculus GN=Map6
GNG3	P63216	7	7	26990	31481.29	45881.71	27431.57	35711	38710.57	42977	50620.29	36695.86	80131.14	0.11331379	0.945717236	33499.114	49826.972	Up	0.572803964663997	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-3 OS=Mus musculus GN=Gng3 PE=1 SV=1
HIST2H2AC	Q64523	5	5	573386	311414	373418.4	107385.6	389557.8	237636.2	218851.8	138466.2	201714.6	NA	0.113419736	0.945311369	351032.36	199167.2	Down	-0.817623956188375	Histone H2A type 2-C OS=Mus musculus GN=Hist2h2ac PE=1 SV=3
CCDC43	Q9CR29-2	1	1	30068	45685	39744	26274	29555	39792	35354	88363	47799	55999	0.113572251	0.944727767	34265.2	53461.4	Up	0.641753510317932	Isoform 2 of Coiled-coil domain-containing protein 43 OS=Mus musculus GN=Ccdc43
SDHA	Q8K2B3	49	49	70049.65	85744.45	84518.84	90933.8	82415.1	90535.33	90350.24	120476.31	84119.55	144032.29	0.113678031	0.944323456	82732.368	105902.74	Up	0.356216189589878	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial OS=Mus musculus GN=Sdha PE=1 SV=1
HSPA8	P63017	169	169	111804.06	121385.92	101570.57	127210	114518.25	111946.58	119639.11	90925.36	97743.73	79374.06	0.113739988	0.944086823	115297.76	99925.768	Down	-0.206435823713951	Heat shock cognate 71 kDa protein OS=Mus musculus GN=Hspa8 PE=1 SV=1
FASN	P19096	2	2	10679.5	15311.5	17900	22902.5	13075.5	16921.5	15401.5	37020.5	22248.5	36868	0.113920531	0.943397999	15973.8	25692	Up	0.685611645913911	Fatty acid synthase OS=Mus musculus GN=Fasn PE=1 SV=2
SOGA3	Q6NZL0	15	15	22180.33	52064.07	55082.4	88817.2	52849.6	74455.4	92035.6	83499.47	44629.4	118281.4	0.114060417	0.942865046	54198.72	82580.254	Up	0.60753807580626	Protein SOGA3 OS=Mus musculus GN=Soga3 PE=2 SV=2
HBB-B1	P02088	8	8	83544.75	52426.88	39273.75	52763.62	82525.12	47852.88	49710.5	34468	49582.12	38902.5	0.11445862	0.941351494	62106.824	44103.2	Down	-0.493868456228525	Hemoglobin subunit beta-1 OS=Mus musculus GN=Hbb-b1 PE=1 SV=2
ADK	P55264	4	4	68034	94853.25	140246.5	70363.75	129879.75	111521.5	125839.75	157391.75	117067.25	149897	0.114739932	0.940285412	100675.45	132343.45	Up	0.394574873236372	Adenosine kinase OS=Mus musculus GN=Adk PE=1 SV=2
H2AFV	Q3THW5	3	3	935144.67	503063.33	613226	169188	636086.67	385425.33	353042	228437.67	324420.33	NA	0.114965042	0.939434196	571341.73	322831.33	Down	-0.823573309648815	Histone H2A.V OS=Mus musculus GN=H2afv PE=1 SV=3
APBA1	B2RUJ5	7	7	7378.4	11914.6	2514.8	11967.4	12242.2	13903.6	15216.6	NA	11016.2	NA	0.115772933	0.936392963	9203.48	13378.8	Up	0.539697342309372	Amyloid beta A4 precursor protein-binding family A member 1 OS=Mus musculus GN=Apba1 PE=1 SV=2
MAP1S	Q8C052	1	1	99308	95003	84379	123891	102729	125147	134040	106488	186319	NA	0.115981722	0.935610448	101062	137998.5	Up	0.449411949406905	Microtubule-associated protein 1S OS=Mus musculus GN=Map1s PE=1 SV=2
TNRC6B	Q8BKI2	1	1	4933	3642	3528	4303	3639	5487	4255	10869	8296	NA	0.116251874	0.934600036	4009	7226.75	Up	0.850104569516941	Trinucleotide repeat-containing gene 6B protein OS=Mus musculus GN=Tnrc6b PE=2 SV=2
ACYP1	P56376	4	4	24708.25	26971	38227.5	23693	24303.5	25686.75	27282	44436	42372	55571.25	0.116900851	0.932182329	27580.65	39069.6	Up	0.502390027481273	Acylphosphatase-1 OS=Mus musculus GN=Acyp1 PE=2 SV=2
ACOT9	Q9R0X4	4	4	17966.75	19576.25	16138.75	25834.5	23238	25229.5	23773.75	23069.75	24223.5	NA	0.116956056	0.931977286	20550.85	24074.125	Up	0.228285296526278	Acyl-coenzyme A thioesterase 9, mitochondrial OS=Mus musculus GN=Acot9 PE=1 SV=1
MPP3	O88910	2	2	8477.5	6450	NA	6026	8305.5	8575	8138	NA	9906	NA	0.117036286	0.931679467	7314.75	8873	Up	0.278613411020579	MAGUK p55 subfamily member 3 OS=Mus musculus GN=Mpp3 PE=1 SV=2
UFD1L	P70362	1	1	41376	43618	52287	32170	38969	49693	52759	NA	70939	NA	0.117318295	0.930634255	41684	57797	Up	0.471500885025509	Ubiquitin fusion degradation protein 1 homolog OS=Mus musculus GN=Ufd1l PE=1 SV=2
OXCT1	Q9D0K2	86	86	82975.38	81263.15	87459.19	81150.74	75531.88	80407.21	85192.66	98141.32	89381.31	86576.49	0.117754644	0.929021956	81676.068	87939.798	Up	0.106602804113384	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial OS=Mus musculus GN=Oxct1 PE=1 SV=1
CAMSAP2	Q8C1B1	2	2	9761.5	9879	22489.5	8896	12897.5	14789.5	14904	31614	29582	NA	0.117773147	0.92895372	12784.7	22722.375	Up	0.829695329505679	Calmodulin-regulated spectrin-associated protein 2 OS=Mus musculus GN=Camsap2 PE=1 SV=3
PLXNB2	B2RXS4	7	7	8331.14	7445.86	5773.29	9010.86	7538.71	8806.14	11816	NA	14450.29	NA	0.117892799	0.928512721	7619.972	11690.81	Up	0.617517289153632	Plexin-B2 OS=Mus musculus GN=Plxnb2 PE=1 SV=1
VSTM2L	Q6PDS0	1	1	35651	39628	NA	26652	30949	38125	38076	76914	79336	NA	0.117966165	0.928242541	33220	58112.75	Up	0.806802653905287	V-set and transmembrane domain-containing protein 2-like protein OS=Mus musculus GN=Vstm2l PE=2 SV=1
CNPY3	Q9DAU1	5	5	48945	51076.4	40951	30824.2	43735.8	36657.4	40861.8	24124.2	42446.6	15786.8	0.118812278	0.925138679	43106.48	31975.36	Down	-0.430944157339927	Protein canopy homolog 3 OS=Mus musculus GN=Cnpy3 PE=1 SV=1
NRAS	P08556	21	21	44660.32	51097.79	54490.42	56262.26	49946.42	50347.79	54927.47	58187.16	55468.11	60823.05	0.119376561	0.923080938	51291.442	55950.716	Up	0.125438461854405	GTPase NRas OS=Mus musculus GN=Nras PE=2 SV=1

ATXN2	O70305	3	3	15618.67	18422.33	19447.33	16465.33	14985.33	16753.33	17562	24084.67	22982.67	33842	0.119630059	0.922159684	16987.798	23044.934	Up	0.439950776870055	Ataxin-2 OS=Mus musculus GN=Atxn2 PE=1 SV=1
RAB11A	P62492	5	5	83607.8	95021.8	97392.8	143533.2	95571	112857	141155.8	123860.2	121566.8	120546.4	0.119804992	0.921525087	103025.32	123997.24	Up	0.267309063972312	Ras-related protein Rab-11A OS=Mus musculus GN=Rab11a PE=1 SV=3
THSD7A	Q69ZU6	8	8	8033.62	10583.5	9088.5	14383.88	11830.25	14655.88	14931.5	17966.38	15924.62	8096.5	0.120255595	0.919894709	10783.95	14314.976	Up	0.408639539002561	Thrombospondin type-1 domain-containing protein 7A OS=Mus musculus GN=Thsd7a PE=2 SV=2
SFXN5	Q925N0	2	2	38692	38560	23618	39555	46500	43342	50814	39905	65380	NA	0.120544147	0.918853871	37385	49860.25	Up	0.415430583498377	Sideroflexin-5 OS=Mus musculus GN=Sfxn5 PE=1 SV=2
EML1	Q05BC3-3	1	1	21319	NA	64690	40006	47165	70582	39342	101991	76992	NA	0.120884606	0.917629002	43295	72226.75	Up	0.738332832260653	Isoform 3 of Echinoderm microtubule-associated protein-like 1 OS=Mus musculus GN=Eml1
FAM21	Q6PGL7	4	4	37195.67	44305.67	32230.33	20624	29992.33	36602.67	40622	33363	57343.67	74370	0.121095134	0.916873308	32869.6	48460.268	Up	0.560048483415753	WASH complex subunit FAM21 OS=Mus musculus GN=Fam21 PE=1 SV=1
TARS2	Q3UQ84	2	2	2201.5	3242	6122.5	10820	7019.5	10729	10394	NA	6998.5	NA	0.121121582	0.916778467	5881.1	9373.8333	Up	0.672553122191785	Threonine--tRNA ligase, mitochondrial OS=Mus musculus GN=Tars2 PE=2 SV=1
MLF2	Q99KX1	5	5	21732	15359.6	19406.2	14363.6	20141.6	19207.8	14188.2	9324	17109.4	6171.6	0.121180223	0.916568254	18200.6	13200.2	Down	-0.463426222581081	Myeloid leukemia factor 2 OS=Mus musculus GN=Mlf2 PE=1 SV=1
HIST2H2AA1	Q6GSS7	7	7	439060	232573	275504.29	85424.57	295792.86	181403.86	168625.86	108980.29	156831.71	NA	0.121863287	0.914127112	265670.94	153960.43	Down	-0.787080845634127	Histone H2A type 2-A OS=Mus musculus GN=Hist2h2aa1 PE=1 SV=3
GAD1	P48318	7	7	20197	25985.5	46898	18498.17	29193.67	28033	31588.5	65238.5	38953.17	81245.5	0.122171425	0.91303036	28154.468	49011.734	Up	0.799763298834659	Glutamate decarboxylase 1 OS=Mus musculus GN=Gad1 PE=2 SV=2
CPNE1	Q8C166	1	1	19277	21830	11975	24384	19930	35507	22193	NA	28153	NA	0.122289065	0.912612376	19479.2	28617.667	Up	0.554971619181556	Copine-1 OS=Mus musculus GN=Cpne1 PE=1 SV=1
HDGFRP2	Q3UMU9-3	1	1	12097	12736	15032	14167	12918	16267	12370	32764	15985	27613	0.122759528	0.91094479	13390	20999.8	Up	0.649219627210975	Isoform 3 of Hepatoma-derived growth factor-related protein 2 OS=Mus musculus GN=Hdgfrp2
ARPC4	P59999	4	4	32154.5	38024	49787.75	35342	33476	38626.75	43746	67049.5	48613	100673.75	0.124628027	0.904384279	37756.85	59741.8	Up	0.662002298475474	Actin-related protein 2/3 complex subunit 4 OS=Mus musculus GN=Arpc4 PE=1 SV=3
PRKAR2A	P12367	11	11	47279.73	50789.09	52910	70214.36	53210.73	55193.82	48620.36	36424.45	47427	43278.45	0.125320482	0.901977944	54880.782	46188.816	Down	-0.248757473972455	cAMP-dependent protein kinase type II-alpha regulatory subunit OS=Mus musculus GN=Prkar2a PE=1 SV=2
STRAP	Q9Z1Z2	11	11	19699.91	23911.36	19352.36	23547.45	22590.45	24876.91	23903.82	37548.27	27134.64	22205.09	0.125357822	0.901848561	21820.306	27133.746	Up	0.314416901697479	Serine-threonine kinase receptor-associated protein OS=Mus musculus GN=Strap PE=1 SV=2
PIP5K1C	O70161-3	5	5	29522.2	23222.8	33751.6	25100.8	25874.8	30673.2	35110.6	23987.2	36933.6	38901.4	0.125898113	0.899980778	27494.44	33121.2	Up	0.268615041009766	Isoform 3 of Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma OS=Mus musculus GN=Pip5k1c
STK32C	Q8QZV4	2	2	6425.5	7470	14470.5	3370	8782	6628.5	7804.5	23098	15406	23467	0.12612147	0.899210975	8103.6	15280.8	Up	0.915085206708525	Serine/threonine-protein kinase 32C OS=Mus musculus GN=Stk32c PE=2 SV=1
CCT5	P80316	28	28	56342.71	63196.82	59381.46	60285.86	54471	60055.82	59510.43	78596.54	61343.64	81988.61	0.126268945	0.898703448	58735.57	68299.008	Up	0.217630166737589	T-complex protein 1 subunit epsilon OS=Mus musculus GN=Cct5 PE=1 SV=1
CLASP2	Q8BRT1	21	21	18017.81	32063.33	28358	39525.86	42020.9	47085.9	57588.57	34604.76	38653.9	34488.67	0.126451018	0.89807767	31997.18	42484.36	Up	0.408987069753719	CLIP-associating protein 2 OS=Mus musculus GN=Clasp2 PE=1 SV=1
CLNS1A	Q61189	3	3	4736	5508	7702	4248	4123	6715	4951	9082	8440	NA	0.126545535	0.897753175	5263.4	7297	Up	0.471308414983226	Methylosome subunit pICln OS=Mus musculus GN=Clns1a PE=2 SV=1
NUDT9	Q8BVU5	2	2	20570	24907.5	36268.5	6458.5	20108	21555.5	19842	64652.5	45126	41051.5	0.126561549	0.897698219	21662.5	38445.5	Up	0.827614992946856	ADP-ribose pyrophosphatase, mitochondrial OS=Mus musculus GN=Nudt9 PE=2 SV=1
GNAT2	P50149	3	3	159916.33	247675	264717.67	229857.33	275468	301057.33	430996	272485.67	220870	304292.33	0.126954962	0.896350321	235526.87	305940.27	Up	0.377358364071821	Guanine nucleotide-binding protein G(t) subunit alpha-2 OS=Mus musculus GN=Gnat2 PE=2 SV=2
RAB5A	Q9CQD1	4	4	32636	33445.25	40087	35934	31063.5	37076.75	39049.25	64813.5	40873.25	90563	0.127283725	0.895227122	34633.15	54475.15	Up	0.653444652470645	Ras-related protein Rab-5A OS=Mus musculus GN=Rab5a PE=1 SV=1
DPYSL2	O08553	174	174	124831.25	126447.44	134853.85	115568.53	120226.84	127324.06	135787.99	141555.96	137811.91	121292.35	0.127369323	0.894935159	124385.58	132754.45	Up	0.0939409982582639	Dihydropyrimidinase-related protein 2 OS=Mus musculus GN=Dpysl2 PE=1 SV=2
MRPS14	Q9CR88	4	4	44650	46725.5	60616	15926	37502	36298.5	35174.5	113804	84170.5	88880	0.127441128	0.894690395	41083.9	71665.5	Up	0.802705628182452	28S ribosomal protein S14, mitochondrial OS=Mus musculus GN=Mrps14 PE=2 SV=1
DNAJB12	Q9QYI4	1	1	17105	24905	17475	34591	27671	35183	39222	NA	26374	NA	0.127503501	0.894477891	24349.4	33593	Up	0.464274417308493	DnaJ homolog subfamily B member 12 OS=Mus musculus GN=Dnajb12 PE=2 SV=2
DBT	P53395	2	2	41688	36876	43227.5	39071.5	24515.5	39207.5	29265	24428.5	27127.5	29704.5	0.127600233	0.894148533	37075.7	29946.6	Down	-0.308081716123928	Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial OS=Mus musculus GN=Dbt PE=1 SV=2
PDE4A	O89084-3	1	1	5268	5304	3068	6939	5386	7010	5831	6863	11430	NA	0.128080766	0.892516082	5193	7783.5	Up	0.58385081117211	Isoform 3 of cAMP-specific 3',5'-cyclic phosphodiesterase 4A OS=Mus musculus GN=Pde4a
DOCK3	Q8CIQ7	1	1	54482	76374	69876	63507	61693	71459	81210	91276	63724	70262	0.128238975	0.891979964	65186.4	75586.2	Up	0.213551858500131	Dedicator of cytokinesis protein 3 OS=Mus musculus GN=Dock3 PE=1 SV=1
RALA	P63321	4	4	36398	46102.67	32231	37926.67	34445.33	45292	40665.67	86894	48264.67	46871	0.128362459	0.891561973	37420.734	53597.468	Up	0.518326990859498	Ras-related protein Ral-A OS=Mus musculus GN=Rala PE=1 SV=1
SHANK3	Q4ACU6-6	5	5	24802.6	23607	15956.2	24829.6	30224.4	18697.6	20854.4	NA	11154	NA	0.128402905	0.891425151	23883.96	16902	Down	-0.498848088107895	Isoform 5 of SH3 and multiple ankyrin repeat domains protein 3 OS=Mus musculus GN=Shank3
GABRB2	P63137	2	2	28893.5	53087.5	21770	71126.5	60999	78680	73517.5	64901.5	50121	NA	0.128958912	0.88954864	47175.3	66805	Up	0.501924392486076	Gamma-aminobutyric acid receptor subunit beta-2 OS=Mus musculus GN=Gabrb2 PE=1 SV=2
SPG7	Q3ULF4	2	2	4362	3472	4838.5	3161	5517	2795	6098.5	8805	5811	7835	0.129423131	0.887988098	4270.1	6268.9	Up	0.553942460210189	Paraplegin OS=Mus musculus GN=Spg7 PE=1 SV=1
CORO7	Q9D2V7	3	3	4693.5	5365	5990	4645.5	5063	5057.5	4940.5	7511.5	6741.5	6345	0.131659472	0.88054789	5151.4	6119.2	Up	0.248378485062388	Coronin-7 OS=Mus musculus GN=Coro7 PE=2 SV=2
PRRC2B	Q7TPM1	1	1	NA	1472	NA	3323	1441	7386	3450	NA	3957	NA	0.13284094	0.87666806	2078.6667	4931	Up	1.24622182552449	Protein PRRC2B OS=Mus musculus GN=Prrc2b PE=1 SV=1
PALM	Q9Z0P4	19	19	37284.56	53297.89	48897.11	66329.78	62249.11	71710.78	74416.44	62479.33	67565.78	48970.06	0.133058027	0.875958919	53611.69	65028.478	Up	0.278524043849857	Paralemmin-1 OS=Mus musculus GN=Palm PE=1 SV=1
C1QB	P14106	1	1	3617	7831	NA	5641	7132	9619	7611	NA	14104	NA	0.133530541	0.874419392	6055.25	10444.667	Up	0.786508020588766	Complement C1q subcomponent subunit B OS=Mus musculus GN=C1qb PE=1 SV=2
STX7	O70439	8	8	18597	31231.86	25316.14	60039	35028.14	52215.86	53667.71	40417	47360.43	43638	0.133749605	0.873707493	34042.428	47459.8	Up	0.479372083204975	Syntaxin-7 OS=Mus musculus GN=Stx7 PE=1 SV=3
ICAM5	Q60625	27	27	92158.63	96600.37	80350.07	104586.93	118378.22	118798.3	131067.22	116571.67	142507.3	83368.7	0.133969284	0.872994762	98414.844	118462.64	Up	0.267484278349069	Intercellular adhesion molecule 5 OS=Mus musculus GN=Icam5 PE=1 SV=2
OPTN	Q8K3K8	2	2	11653.5	10758.5	8791.5	9536	9775.5	11648.5	11723	NA	15347	NA	0.133976939	0.872969947	10103	12906.167	Up	0.353276808652722	Optineurin OS=Mus musculus GN=Optn PE=1 SV=1
EIF6	O55135	1	1	77894	58183	38860	53379	67802	57440	73048	101069	121381	NA	0.134091084	0.872600098	59223.6	88234.5	Up	0.575170675255684	Eukaryotic translation initiation factor 6 OS=Mus musculus GN=Eif6 PE=1 SV=2
BSN	O88737	212	212	29099.29	31407.33	31629.96	41477.98	39545.03	42669.68	41737.75	32587.77	44992.64	38433.31	0.134362214	0.871722849	34631.918	40084.23	Up	0.210932471264336	Protein bassoon OS=Mus musculus GN=Bsn PE=1 SV=4
GLIPR2	Q9CYL5	1	1	5105	7381	2350	6612	6468	6480	7468	NA	9602	NA	0.134377192	0.87167444	5583.2	7850	Up	0.491600417097914	Golgi-associated plant pathogenesis-related protein 1 OS=Mus musculus GN=Glipr2 PE=2 SV=3
DLAT	Q8BMF4	17	17	99236.53	101134.88	117401.24	76691.06	99579.18	106169.12	104073.06	161466.94	98895.88	149456	0.135225692	0.868940788	98808.578	124012.2	Up	0.327773857250941	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial OS=Mus musculus GN=Dlat PE=1 SV=2
ATXN2	O70305-3	2	2	13956.5	16828	7667	22789	14005.5	17990.5	20963.5	NA	20096.5	NA	0.135741178	0.867288386	15049.2	19683.5	Up	0.387299977888083	Isoform 3 of Ataxin-2 OS=Mus musculus GN=Atxn2
TRIM3	Q9R1R2	10	10	34792.67	34174.22	45447.11	30950.89	33096.67	36127.44	36917.44	63217.44	40105.11	70491.67	0.135797831	0.867107167	35692.312	49371.82	Up	0.468074472101924	Tripartite motif-containing protein 3 OS=Mus musculus GN=Trim3 PE=1 SV=1
PDE12	Q3TIU4	1	1	1131	1474	NA	7418	3637	6602	5535	NA	6830	NA	0.135837431	0.866980542	3415	6322.3333	Up	0.888571522160374	2',5'-phosphodiesterase 12 OS=Mus musculus GN=Pde12 PE=2 SV=2
GDI1	P50396	30	30	134252.7	177921.63	172030.1	153577.2	184686.1	180315.53	220548.27	142734.1	214530.87	208883.13	0.135951594	0.866615697	164493.55	193402.38	Up	0.233574568565411	Rab GDP dissociation inhibitor alpha OS=Mus musculus GN=Gdi1 PE=1 SV=3
AURKAIP1	Q9DCJ7	1	1	81365	76810	27411	45508	89752	64995	102012	168068	98040	NA	0.136261585	0.865626564	64169.2	108278.75	Up	0.754797235577207	Aurora kinase A-interacting protein OS=Mus musculus GN=Aurkaip1 PE=2 SV=2
MRPS22	Q9CXW2	1	1	13559	14032	9761	18552	11015	18530	11468	21968	22726	NA	0.136414922	0.86513812	13383.8	18673	Up	0.480465937423011	28S ribosomal protein S22, mitochondrial OS=Mus musculus GN=Mrps22 PE=2 SV=1
GFAP	P03995	29	29	69661.04	67526.14	69242.5	60895.07	69983.75	67500.96	64850.89	80226.68	76554.89	87912.07	0.137539575	0.861572321	67461.7	75409.098	Up	0.160669919107414	Glial fibrillary acidic protein OS=Mus musculus GN=Gfap PE=1 SV=4
VPS36	Q91XD6	1	1	41853	32677	29872	34389	34640	36533	51303	NA	55161	NA	0.137597261	0.861390211	34686.2	47665.667	Up	0.458588677756856	Vacuolar protein-sorting-associated protein 36 OS=Mus musculus GN=Vps36 PE=1 SV=1
PNKD	Q69ZP3-4	2	2	5993	2971.5	NA	9601.5	4864	7610.5	9227	NA	9112	NA	0.138073118	0.859890869	5857.5	8649.8333	Up	0.562387285800839	Isoform 4 of Probable hydrolase PNKD OS=Mus musculus GN=Pnkd
ATP5J2	P56135	2	2	58542	60930	73107.5	54965.5	59247	63178.5	78085.5	116611	62662	160708	0.138442362	0.858731	61358.4	96249	Up	0.64951068839393	ATP synthase subunit f, mitochondrial OS=Mus musculus GN=Atp5j2 PE=1 SV=3
HSPH1	Q61699	30	30	64424.32	77501.93	72625.82	72996.07	78463.57	79177.07	79055.64	86129.89	69370.57	83438.86	0.138625151	0.858157967	73202.342	79434.406	Up	0.117874221568652	Heat shock protein 105 kDa OS=Mus musculus GN=Hsph1 PE=1 SV=2
TPD52	Q62393-3	6	6	33883.5	31168.83	28689.17	24588	29971.5	30711.33	30883.67	48386.67	31377.67	54854	0.138685055	0.857970336	29660.2	39242.668	Up	0.40389480374043	Isoform 3 of Tumor protein D52 OS=Mus musculus GN=Tpd52
DYNC1LI1	Q8R1Q8	14	14	35974.46	37152.77	49052.08	33400.15	36511.23	34573.15	43233.77	85140.85	46754	95451.77	0.138720792	0.857858441	38418.138	61030.708	Up	0.66774772876197	Cytoplasmic dynein 1 light intermediate chain 1 OS=Mus musculus GN=Dync1li1 PE=1 SV=1
LYSMD2	Q9D7V2-2	1	1	13792	8443	17251	6474	9662	7382	10752	40305	23143	31682	0.138785441	0.857656089	11124.4	22652.8	Up	1.02596185994673	Isoform 2 of LysM and putative peptidoglycan-binding domain-containing protein 2 OS=Mus musculus GN=Lysmd2
SPHKAP	Q6NSW3-3	1	1	14639	26748	9587	22757	32097	23182	36188	25118	35626	NA	0.138971359	0.857074697	21165.6	30028.5	Up	0.504611023816393	Isoform 3 of A-kinase anchor protein SPHKAP OS=Mus musculus GN=Sphkap
SDF2	Q9DCT5	4	4	257659	275928.67	275117.33	133837.33	234749.67	227931	245772.67	297017	395947.67	348928.33	0.139096861	0.85668267	235458.4	303119.33	Up	0.364413683305543	Stromal cell-derived factor 2 OS=Mus musculus GN=Sdf2 PE=2 SV=1
CCDC43	Q9CR29	2	2	26834.5	36166	24287	27144	27927	33554	31294.5	49147	35561.5	27999.5	0.139212434	0.856321973	28471.7	35511.3	Up	0.318749538918171	Coiled-coil domain-containing protein 43 OS=Mus musculus GN=Ccdc43 PE=1 SV=1
ARL3	Q9WUL7	2	2	479.5	1468	1018	5137.5	1915.5	5364	4557.5	NA	2412	NA	0.139412525	0.855698207	2003.7	4111.1667	Up	1.03688133987944	ADP-ribosylation factor-like protein 3 OS=Mus musculus GN=Arl3 PE=1 SV=1
CARHSP1	Q9CR86	1	1	137406	81241	104967	53541	85075	85545	103233	284406	176312	142604	0.139424249	0.855661685	92446	158420	Up	0.777071679545058	Calcium-regulated heat stable protein 1 OS=Mus musculus GN=Carhsp1 PE=1 SV=1
ATE1	Q9Z2A5	1	1	28684	45387	77189	34476	52854	48108	60317	84168	53823	109184	0.139662945	0.854918803	47718	71120	Up	0.575721747407561	Arginyl-tRNA--protein transferase 1 OS=Mus musculus GN=Ate1 PE=1 SV=2
GDI2	Q61598-2	15	15	41888.4	45938.07	49730.6	46785.73	47455.73	45593.13	50503.07	76792.8	48008.07	67228.73	0.139862641	0.854298274	46359.706	57625.16	Up	0.313827434070083	Isoform 2 of Rab GDP dissociation inhibitor beta OS=Mus musculus GN=Gdi2
H2AFX	P27661	10	10	369796.8	193241.1	253291.1	70689.1	233792	155226.2	143773.2	158848	146110.6	68771.2	0.14055215	0.852162507	224162.02	134545.84	Down	-0.736444076329631	Histone H2AX OS=Mus musculus GN=H2afx PE=1 SV=2
PRKAR1A	Q9DBC7	8	8	43111.75	47208.88	40627.5	50144.62	44792	38439.25	43899.38	23195.38	44187	40054.62	0.140708262	0.8516804	45176.95	37955.126	Down	-0.251292133497049	cAMP-dependent protein kinase type I-alpha regulatory subunit OS=Mus musculus GN=Prkar1a PE=1 SV=3
VPS50	Q8CI71	1	1	9923	16187	16614	21929	20344	21272	27689	44083	19350	NA	0.140843214	0.851264074	16999.4	28098.5	Up	0.725009289383958	Coiled-coil domain-containing protein 132 OS=Mus musculus GN=Ccdc132 PE=2 SV=2
UTP18	Q5SSI6	1	1	1253	1249	NA	937	2001	4647	3687	NA	1705	NA	0.141215418	0.850117884	1360	3346.3333	Up	1.2989745100975	U3 small nucleolar RNA-associated protein 18 homolog OS=Mus musculus GN=Utp18 PE=1 SV=1
SCG2	Q03517	15	15	43978.77	46193.31	46675.46	39175.23	45135.08	42982.31	46694.15	48505.31	69574.69	79809.92	0.141509389	0.849214743	44231.57	57513.276	Up	0.378818565456271	Secretogranin-2 OS=Mus musculus GN=Scg2 PE=1 SV=1
DGKB	Q6NS52	2	2	11313.5	NA	4082	14651	11366	18256	14264.5	39929.5	16110.5	NA	0.142165111	0.847206973	10353.125	22140.125	Up	1.09659706908739	Diacylglycerol kinase beta OS=Mus musculus GN=Dgkb PE=2 SV=2
NAA11	Q3UX61	2	2	47281	57854.5	51855	49916	56248.5	44213.5	48755	13905.5	54941.5	36044	0.142191194	0.847127299	52631	39571.9	Down	-0.41143647025492	N-alpha-acetyltransferase 11 OS=Mus musculus GN=Naa11 PE=2 SV=1
FXR1	Q61584-3	3	3	21280	24764.5	31126	33462.5	20873	35873.5	27827	65570.5	39995.5	NA	0.142191417	0.847126619	26301.2	42316.625	Up	0.686095944210647	Isoform B of Fragile X mental retardation syndrome-related protein 1 OS=Mus musculus GN=Fxr1
DLGAP3	Q6PFD5	19	19	26617.05	26117.32	42349.68	19700.16	32098.42	27840.95	31157.05	57536.95	41075.42	83059.16	0.142701465	0.845571569	29376.526	48133.906	Up	0.712389704559822	Disks large-associated protein 3 OS=Mus musculus GN=Dlgap3 PE=1 SV=1
ATXN3	Q9CVD2	1	1	2516	2934	4482	8818	3193	8209	7627	6218	4746	NA	0.142822885	0.8452022	4388.6	6700	Up	0.610400314166318	Ataxin-3 OS=Mus musculus GN=Atxn3 PE=1 SV=2
VAT1	Q62465	5	5	61806	84502	117718.2	79861	82173.2	78114.4	97677	169580.8	95654	160475	0.143041976	0.8445365	85212.08	120300.24	Up	0.497509648513771	Synaptic vesicle membrane protein VAT-1 homolog OS=Mus musculus GN=Vat1 PE=1 SV=3
MCCC2	Q3ULD5	9	9	23768.44	25542	17657.22	25527.22	24016.11	31204	26284	22933.11	27798.33	NA	0.14369593	0.842555533	23302.198	27054.86	Up	0.215421731110676	Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial OS=Mus musculus GN=Mccc2 PE=1 SV=1
H1F0	P10922	5	5	377166.4	172840.8	183834	96892.2	237429.2	152497.8	131197.6	140850.6	110957.4	108839.4	0.143762988	0.842352908	213632.52	128868.56	Down	-0.729230943554865	Histone H1.0 OS=Mus musculus GN=H1f0 PE=2 SV=4
EID2	Q6X7S9	1	1	14466	19170	11838	10630	14083	18777	15732	14958	24517	NA	0.14395648	0.841768781	14037.4	18496	Up	0.397937557797692	EP300-interacting inhibitor of differentiation 2 OS=Mus musculus GN=Eid2 PE=1 SV=1
CACNB4	Q8R0S4-2	10	10	52405.1	50598	52691.3	28766.7	50578.9	46248.2	48613.8	61057.5	66010.6	93310.9	0.143986844	0.841677187	47008	63048.2	Up	0.423548881788651	Isoform 2 of Voltage-dependent L-type calcium channel subunit beta-4 OS=Mus musculus GN=Cacnb4
CDK14	O35495	1	1	5902	6675	15616	18399	12726	28110	20992	NA	13745	NA	0.144062479	0.841449115	11863.6	20949	Up	0.820339517571264	Cyclin-dependent kinase 14 OS=Mus musculus GN=Cdk14 PE=2 SV=2
SORBS1	Q62417	9	9	34619.38	39861.38	35591.25	27690.12	41531.88	32139.5	34907.25	51413.75	49489.25	56333.62	0.144582216	0.839885124	35858.802	44856.674	Up	0.322995362205494	Sorbin and SH3 domain-containing protein 1 OS=Mus musculus GN=Sorbs1 PE=1 SV=2
BCL11A	Q9QYE3-15	1	1	7337	3611	5858	3780	9552	6398	11294	NA	12210	NA	0.145630054	0.836748991	6027.6	9967.3333	Up	0.725623895859252	Isoform 7 of B-cell lymphoma/leukemia 11A OS=Mus musculus GN=Bcl11a
MRPS2	Q924T2	2	2	NA	1273	NA	1249	1624	1725	2090	NA	NA	NA	0.145647721	0.836696306	1382	1907.5	Up	0.464925441333634	28S ribosomal protein S2, mitochondrial OS=Mus musculus GN=Mrps2 PE=2 SV=1
SRGAP3	Q812A2	7	7	27962.86	34111.86	35597.57	40830.29	39493.43	36428.57	43249.57	43148.57	40340.86	70637	0.145860694	0.836061725	35599.202	46760.914	Up	0.393458227640992	SLIT-ROBO Rho GTPase-activating protein 3 OS=Mus musculus GN=Srgap3 PE=1 SV=1
CRH	Q8CIT0	1	1	14802	14154	12542	15050	27663	18802	24484	NA	31137	NA	0.145973473	0.835726059	16842.2	24807.667	Up	0.558705444430531	Corticoliberin OS=Mus musculus GN=Crh PE=2 SV=1
PHB	P67778	34	34	61890	60325.73	64597.48	62894.06	59073.52	68324.18	62218.21	84451.91	58898.45	78485.36	0.145995958	0.835659168	61756.158	70475.622	Up	0.190541303864254	Prohibitin OS=Mus musculus GN=Phb PE=1 SV=1
ARHGEF2	Q60875-3	7	7	37529.86	30928.14	30093	38254.29	46919.29	52009.29	48632.71	44340	58955.57	28572.71	0.146264273	0.834861742	36744.916	46502.056	Up	0.339749850134951	Isoform 3 of Rho guanine nucleotide exchange factor 2 OS=Mus musculus GN=Arhgef2
TPP1	O89023	1	1	139056	111729	221174	111168	108728	158450	133958	231370	178303	215059	0.146346078	0.834618912	138371	183428	Up	0.406672268423538	Tripeptidyl-peptidase 1 OS=Mus musculus GN=Tpp1 PE=1 SV=2
GDI2	Q61598	17	17	41752.71	45642.47	49150.71	45916.53	46596.65	45205.12	49653.06	71109.47	47195.41	59319.47	0.146558879	0.833987866	45811.814	54496.506	Up	0.250444045558189	Rab GDP dissociation inhibitor beta OS=Mus musculus GN=Gdi2 PE=1 SV=1
SMS	P97355	1	1	NA	4200	NA	15095	5594	15706	16585	NA	NA	NA	0.146773135	0.833353429	8296.3333	16145.5	Up	0.960586353978552	Spermine synthase OS=Mus musculus GN=Sms PE=1 SV=1
FAM65A	Q68FE6	3	3	1472	1244.5	975.5	2580.5	1464	3015	2548.5	1660.5	1764.5	NA	0.146940748	0.832857753	1547.3	2247.125	Up	0.538327436561914	Protein FAM65A OS=Mus musculus GN=Fam65a PE=1 SV=2
ILF3	Q9Z1X4	1	1	14197	9159	11297	6723	16702	13587	11978	32307	27931	NA	0.147487536	0.831244681	11615.6	21450.75	Up	0.884964412715885	Interleukin enhancer-binding factor 3 OS=Mus musculus GN=Ilf3 PE=1 SV=2
ME1	P06801	2	2	12417	15094.5	14115.5	7132	13147	14202.5	13454.5	11885.5	23311	27359	0.147510977	0.831175659	12381.2	18042.5	Up	0.543248105789011	NADP-dependent malic enzyme OS=Mus musculus GN=Me1 PE=1 SV=2
DGKQ	Q6P5E8	1	1	29372	36928	53189	13214	34752	26622	32790	98564	55283	82864	0.14789813	0.830037317	33491	59224.6	Up	0.822423095823611	Diacylglycerol kinase theta OS=Mus musculus GN=Dgkq PE=2 SV=1
SMC3	Q9CW03	2	2	7185	3401	7347	8683	8358	12284	9478	NA	NA	NA	0.147928416	0.829948394	6994.8	10881	Up	0.637456438551141	Structural maintenance of chromosomes protein 3 OS=Mus musculus GN=Smc3 PE=1 SV=2
PPP6R2	Q8R3Q2	2	2	8489.5	8073	17562.5	5680	7385.5	11745	10202	13881	14498	28525.5	0.148701146	0.827685683	9438.1	15770.3	Up	0.740641742390627	Serine/threonine-protein phosphatase 6 regulatory subunit 2 OS=Mus musculus GN=Ppp6r2 PE=1 SV=1
BRSK1	Q5RJI5-3	1	1	6795	11439	NA	9970	16858	18114	15039	36012	14898	NA	0.149286414	0.825979715	11265.5	21015.75	Up	0.899559597064164	Isoform 3 of Serine/threonine-protein kinase BRSK1 OS=Mus musculus GN=Brsk1
SNX2	Q9CWK8	6	6	34649.5	40931.67	37108.33	28692.83	36314.33	38975.5	42556.33	42841.67	44042.67	32443.17	0.149547121	0.825221944	35539.332	40171.868	Up	0.176768983939634	Sorting nexin-2 OS=Mus musculus GN=Snx2 PE=1 SV=2
LMTK3	Q5XJV6	1	1	9748	9559	9910	3138	9704	8016	10461	22890	19811	NA	0.149607455	0.825046764	8411.8	15294.5	Up	0.862526489922046	Serine/threonine-protein kinase LMTK3 OS=Mus musculus GN=Lmtk3 PE=1 SV=1
AKR1B3	P45376	3	3	51973.33	53334.67	62228.33	49899.33	50022	48538	55559.33	74236.67	61992	81089	0.14997814	0.823972038	53491.532	64283	Up	0.265126736065667	Aldose reductase OS=Mus musculus GN=Akr1b1 PE=1 SV=3
MRPL3	Q99N95	2	2	44095	45838.5	40569.5	47890.5	43842	43041.5	43077.5	22890.5	44802	22009	0.15018516	0.823372979	44447.1	35164.1	Down	-0.337985998868407	39S ribosomal protein L3, mitochondrial OS=Mus musculus GN=Mrpl3 PE=2 SV=1

GNAI1	B2RSH2	7	7	80897.57	125300.43	122320.57	117432.71	138656.14	156014.43	215227.14	128408.43	116982.86	132267.43	0.150392929	0.822772581	116921.48	149780.06	Up	0.357305507978715	Guanine nucleotide-binding protein G(i) subunit alpha-1 OS=Mus musculus GN=Gnai1 PE=2 SV=1
FSD1	Q7TPM6	2	2	18528.5	24711.5	8273.5	22682	24630.5	23709	23994.5	NA	29465	NA	0.150713837	0.821846874	19765.2	25722.833	Up	0.380087008649276	Fibronectin type III and SPRY domain-containing protein 1 OS=Mus musculus GN=Fsd1 PE=2 SV=1
DCTN5	Q9QZB9	2	2	52128.5	62197	42167.5	59332	56621	55491	59425	87792	71260.5	NA	0.150810489	0.821568451	54489.2	68492.125	Up	0.329967811564461	Dynactin subunit 5 OS=Mus musculus GN=Dctn5 PE=1 SV=1
GAPVD1	Q6PAR5-4	2	2	22890.5	33585.5	21551.5	22898.5	21460.5	24910.5	43789.5	NA	33687	69958	0.150954283	0.821154559	24477.3	43086.25	Up	0.815783110865089	Isoform 4 of GTPase-activating protein and VPS9 domain-containing protein 1 OS=Mus musculus GN=Gapvd1
HIST1H1C	P15864	16	16	324752.12	175980	174555.38	94129.38	216972.06	145551.44	128715.62	143929.81	133331.62	100694.62	0.151008999	0.820997171	197277.79	130444.62	Down	-0.596791062930982	Histone H1.2 OS=Mus musculus GN=Hist1h1c PE=1 SV=2
TPM4	Q6IRU2	2	2	48443.5	48770	35346.5	48730	53673.5	67554.5	57234	80129	93494	31150	0.151443707	0.819748769	46992.7	65912.3	Up	0.488111052770934	Tropomyosin alpha-4 chain OS=Mus musculus GN=Tpm4 PE=2 SV=3
VCP	Q01853	84	84	68462.22	77686.18	66756.78	75755.92	68444.26	69011.4	79354.03	78367.95	73411.55	87389.63	0.151492515	0.819608824	71421.072	77506.912	Up	0.117975186104415	Transitional endoplasmic reticulum ATPase OS=Mus musculus GN=Vcp PE=1 SV=4
SFPQ	Q8VIJ6	10	10	117809.5	66378.3	77795.4	49684.9	80401.9	58782	62470.5	74862.2	55904.3	34038.2	0.151682282	0.819065147	78414	57211.44	Down	-0.454807598293725	Splicing factor, proline- and glutamine-rich OS=Mus musculus GN=Sfpq PE=1 SV=1
NTRK2	P15209-3	7	7	14994.86	21596.57	19194.43	28219.14	22038.43	29782.86	25813.86	32371.86	24175.29	70557.29	0.151753299	0.81886186	21208.686	36540.232	Up	0.784830553517618	Isoform L1 of BDNF/NT-3 growth factors receptor OS=Mus musculus GN=Ntrk2
ARHGDIA	Q99PT1	18	18	100326.33	99455.33	82141.56	133812.06	85896.78	91239.28	95548	84308.5	83945.72	51621.22	0.151830767	0.818640215	100326.41	81332.544	Down	-0.302796815076247	Rho GDP-dissociation inhibitor 1 OS=Mus musculus GN=Arhgdia PE=1 SV=3
DTD2	Q8BHA3	1	1	36894	36669	11175	42122	40843	42877	42137	29900	54595	78997	0.151918091	0.818390505	33540.6	49701.2	Up	0.567372187880656	Probable D-tyrosyl-tRNA(Tyr) deacylase 2 OS=Mus musculus GN=Dtd2 PE=2 SV=1
CEP170B	Q80U49	22	22	16735	15599.62	19711.95	14114.67	20076.9	17831.57	20642.14	15977.86	23924.33	22998.62	0.152157945	0.817705364	17247.628	20274.904	Up	0.233297116188856	Centrosomal protein of 170 kDa protein B OS=Mus musculus GN=Cep170b PE=1 SV=2
MBNL2	Q8C181-3	2	2	3184.5	1950	5858	9955	4271	8539.5	7250	4884	8049	9413.5	0.152312491	0.817264479	5043.7	7627.2	Up	0.596671064010272	Isoform 3 of Muscleblind-like protein 2 OS=Mus musculus GN=Mbnl2
HAPLN4	Q80WM4	1	1	40522	57447	23621	28289	50332	42156	45800	66452	44782	69742	0.152833461	0.815781551	40042.2	53786.4	Up	0.425720189579983	Hyaluronan and proteoglycan link protein 4 OS=Mus musculus GN=Hapln4 PE=2 SV=2
OTUD6B	Q8K2H2	4	4	35905.67	37986.67	16262.33	46117.33	42859.33	45410	47134	40030.33	47958	NA	0.152933169	0.815498313	35826.266	45133.083	Up	0.333167628930303	OTU domain-containing protein 6B OS=Mus musculus GN=Otud6b PE=2 SV=1
RBM14	Q8C2Q3-2	2	2	22023.5	15353	16461.5	17027.5	18164	21475.5	16098	8348	9454	11619.5	0.152992341	0.81533031	17805.9	13399	Down	-0.410230025771822	Isoform 2 of RNA-binding protein 14 OS=Mus musculus GN=Rbm14
CRTC2	Q3U182	2	2	1112.5	639.5	NA	1729	1977	2101	2066.5	NA	1669	NA	0.153518433	0.813839471	1364.5	1945.5	Up	0.511768585698715	CREB-regulated transcription coactivator 2 OS=Mus musculus GN=Crtc2 PE=1 SV=2
PJA2	Q80U04	2	2	11213	11869.5	12239.5	11114	12406	11586	9506.5	11677.5	10244.5	NA	0.153580931	0.813662703	11768.4	10753.625	Down	-0.130095120775898	E3 ubiquitin-protein ligase Praja-2 OS=Mus musculus GN=Pja2 PE=1 SV=2
ESD	Q9R0P3	1	1	18161	16172	21364	18176	15155	22785	21134	16443	24923	NA	0.15369731	0.813333733	17805.6	21321.25	Up	0.259960970000762	S-formylglutathione hydrolase OS=Mus musculus GN=Esd PE=1 SV=1
RABEP1	O35551-4	2	2	10789.5	12342	2972.5	17611.5	15533	18188.5	16792.5	11820	27391.5	NA	0.153971262	0.812560332	11849.7	18548.125	Up	0.646422819769169	Isoform 4 of Rab GTPase-binding effector protein 1 OS=Mus musculus GN=Rabep1
SEC22B	O08547	1	1	6049	6978	NA	14514	11693	15713	17508	NA	10700	NA	0.154007478	0.812458191	9808.5	14640.333	Up	0.577843972377423	Vesicle-trafficking protein SEC22b OS=Mus musculus GN=Sec22b PE=1 SV=3
RNF214	Q8BFU3-3	6	6	16892.4	14722.4	13793.6	16396.8	16634.2	15044.2	17009.2	16234.6	26360	28259.4	0.154436748	0.811249353	15687.88	20581.48	Up	0.391696323967924	Isoform 3 of RING finger protein 214 OS=Mus musculus GN=Rnf214
NUMBL	O08919	9	9	91385.78	95232.67	81605.67	68038.44	83766.56	80461.78	89603.78	89138.33	117235.44	129838.44	0.154518863	0.811018497	84005.824	101255.55	Up	0.269439787490904	Numb-like protein OS=Mus musculus GN=Numbl PE=1 SV=3
GNAI3	Q9DC51	4	4	137309.75	213238	209094.75	196819	238057.75	265758.25	367876.5	215287.25	197588.5	228219.25	0.155592298	0.808011906	198903.85	254945.95	Up	0.3581202185279	Guanine nucleotide-binding protein G(k) subunit alpha OS=Mus musculus GN=Gnai3 PE=1 SV=3
PPP2R5E	Q61151	1	1	NA	2002	NA	3984	2501	4419	5925	NA	3286	NA	0.1557943	0.807448437	2829	4543.3333	Up	0.683458979575163	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform OS=Mus musculus GN=Ppp2r5e PE=2 SV=3
DDX1	Q91VR5	7	7	48053.5	53118.83	69107.67	29474.33	56578.67	44595.67	59954.67	94471.33	63834	131337	0.156046524	0.806745902	51266.6	78838.534	Up	0.620881728364656	ATP-dependent RNA helicase DDX1 OS=Mus musculus GN=Ddx1 PE=1 SV=1
GSR	P47791	2	2	139719	152816	250009.5	72375.5	172170	147118	188067	249939.5	226393	433605.5	0.156113053	0.806560782	157418	249024.6	Up	0.66168775097284	Glutathione reductase, mitochondrial OS=Mus musculus GN=Gsr PE=1 SV=3
GLRX2	Q923X4	2	2	52855	72729.5	56767.5	36312	64379	60496	60788.5	76313.5	69849.5	71175	0.156164674	0.806417202	56608.6	67724.5	Up	0.258656592776149	Glutaredoxin-2, mitochondrial OS=Mus musculus GN=Glrx2 PE=1 SV=1
SLC17A8	Q8BFU8	1	1	600	977	NA	3212	756	2671	2484	NA	5791	NA	0.156380511	0.805817371	1386.25	3648.6667	Up	1.39618189543726	Vesicular glutamate transporter 3 OS=Mus musculus GN=Slc17a8 PE=2 SV=1
SART1	Q9Z315	3	3	12124.5	15024	16034	10784	13920.5	15417	15212.5	NA	15081	NA	0.156764223	0.804753047	13577.4	15236.833	Up	0.166355861498913	U4/U6.U5 tri-snRNP-associated protein 1 OS=Mus musculus GN=Sart1 PE=2 SV=1
ACOT7	Q91V12-3	14	14	60363	63211.29	87907	33410.36	56796.29	56762.93	66267.71	103376.07	72530.79	126522.29	0.156835674	0.804555145	60337.588	85091.958	Up	0.495965764154516	Isoform C of Cytosolic acyl coenzyme A thioester hydrolase OS=Mus musculus GN=Acot7
ITGA6	Q61739	5	5	2806.67	4003.67	1052.67	5394.67	4032.67	5688.33	4896.33	NA	4024	NA	0.156851378	0.804511661	3458.07	4869.5533	Up	0.493822372095735	Integrin alpha-6 OS=Mus musculus GN=Itga6 PE=1 SV=3
SUPV3L1	Q80YD1	1	1	34879	38018	30410	20523	35239	35135	32952	45005	61796	112987	0.156926993	0.804302348	31813.8	57575	Up	0.855789801109285	ATP-dependent RNA helicase SUPV3L1, mitochondrial OS=Mus musculus GN=Supv3l1 PE=2 SV=1
MDH1	P14152	56	56	154629.48	196093.5	185174.45	122802.02	196677.52	173224.8	223854.8	205572.5	167881.59	244152.73	0.157240267	0.803436227	171075.39	202937.28	Up	0.246401673938955	Malate dehydrogenase, cytoplasmic OS=Mus musculus GN=Mdh1 PE=1 SV=3
UROS	P51163	1	1	21270	18420	22196	14228	25787	21613	25371	NA	36259	56100	0.157263337	0.803372512	20380.2	34835.75	Up	0.773400414899572	Uroporphyrinogen-III synthase OS=Mus musculus GN=Uros PE=2 SV=1
ARPC5L	Q9D898	13	13	77005.69	77566.85	73977.08	66790.08	75705.46	65807.15	75149.23	57022.54	67464.38	74719.08	0.157309328	0.803245525	74209.032	68032.476	Down	-0.125371192248357	Actin-related protein 2/3 complex subunit 5-like protein OS=Mus musculus GN=Arpc5l PE=1 SV=1
ADGRL2	Q8JZZ7	1	1	26637	33040	21003	45036	37902	50316	38886	NA	37607	NA	0.157359779	0.803106264	32723.6	42269.667	Up	0.369291264223599	Latrophilin-2 (Fragment) OS=Mus musculus GN=Lphn2 PE=1 SV=2
CKMT1	P30275	87	87	68406.94	67597.17	61015.81	60936.59	67495.42	62714.81	63318.81	59483.77	65402.12	56893.87	0.157729341	0.802087512	65090.386	61562.676	Down	-0.0803885257971498	Creatine kinase U-type, mitochondrial OS=Mus musculus GN=Ckmt1 PE=1 SV=1
LSM14B	Q8CGC4	2	2	41705.5	55662.5	69230.5	27744	45575	44910	50546	124029	62005	165145.5	0.158101828	0.801063108	47983.5	89327.1	Up	0.89655953151903	Protein LSM14 homolog B OS=Mus musculus GN=Lsm14b PE=2 SV=3
STRIP1	Q8C079-4	1	1	7669	9691	NA	43710	20731	42363	36680	NA	29207	NA	0.158790299	0.799176034	20450.25	36083.333	Up	0.819214139200296	Isoform 4 of Striatin-interacting protein 1 OS=Mus musculus GN=Strip1
RUFY2	Q8R4C2	1	1	NA	9504	9520	15641	10605	14533	18499	NA	NA	NA	0.159258355	0.797897774	11317.5	16516	Up	0.545309017040975	RUN and FYVE domain-containing protein 2 OS=Mus musculus GN=Rufy2 PE=1 SV=2
PKP4	Q68FH0-3	4	4	21170.25	27423.5	1850.5	34107.25	37291.5	45122.25	43505.5	26079.25	31906.25	NA	0.159400747	0.797509648	24368.6	36653.313	Up	0.588920216922974	Isoform 3 of Plakophilin-4 OS=Mus musculus GN=Pkp4
HRAS	Q61411	31	31	91221.34	104523.9	98531.55	80388.14	105015.41	96784.17	109630.69	95033.93	121324.83	157280.86	0.159431837	0.79742495	95936.068	116010.9	Up	0.274115096725003	GTPase HRas OS=Mus musculus GN=Hras PE=1 SV=2
MTCL1	Q3UHU5-3	2	2	119772.5	194585.5	383219.5	223387.5	202598	234356.5	339737.5	595518	197798.5	887110.5	0.159483918	0.797283105	224712.6	450904.2	Up	1.00473992715295	Isoform 3 of Protein SOGA2 OS=Mus musculus GN=Soga2
PAFAH1B3	Q61205	1	1	13134	17513	7469	15750	14195	14051	19462	14991	22394	NA	0.160062604	0.795710122	13612.2	17724.5	Up	0.380844676614887	Platelet-activating factor acetylhydrolase IB subunit gamma OS=Mus musculus GN=Pafah1b3 PE=1 SV=1
GANAB	Q8BHN3	4	4	73363.25	93047	109212.5	89749.75	76054.75	97090	95048.75	138106.25	93180.75	100639	0.16038993	0.794822903	88285.45	104812.95	Up	0.247569380497566	Neutral alpha-glucosidase AB OS=Mus musculus GN=Ganab PE=1 SV=1
LDHA	P06151	9	9	38963.22	49364.11	63831.78	39586.67	42534.33	50261	59974.33	65203.22	44224.33	96811.78	0.160404733	0.79478282	46856.022	63294.932	Up	0.433855511321269	L-lactate dehydrogenase A chain OS=Mus musculus GN=Ldha PE=1 SV=3
BCAR1	Q61140	2	2	5901	16600	3929	22164	22138	16995	17014	NA	24909	27891	0.16108567	0.792943091	14146.4	21702.25	Up	0.617409662840906	Breast cancer anti-estrogen resistance protein 1 OS=Mus musculus GN=Bcar1 PE=1 SV=2
LMNB2	P21619	9	9	43667.78	23096.11	19580	17662.33	33181.22	26206.44	21853.11	12685.89	23277.56	3990.78	0.161106097	0.792888024	27437.488	17602.756	Down	-0.640347079569715	Lamin-B2 OS=Mus musculus GN=Lmnb2 PE=1 SV=2
CCDC58	Q8R3Q6	2	2	18104.5	14288.5	4665.5	34849	21926	30865	28118.5	NA	23561	NA	0.16189795	0.790758649	18766.7	27514.833	Up	0.552034605705671	Coiled-coil domain-containing protein 58 OS=Mus musculus GN=Ccdc58 PE=2 SV=1
SCN8A	Q9WTU3-4	1	1	4972	5669	14660	5513	4815	8965	10949	NA	17147	NA	0.162568732	0.788962982	7125.8	12353.667	Up	0.793815411753502	Isoform 4 of Sodium channel protein type 8 subunit alpha OS=Mus musculus GN=Scn8a
EIF4A3	Q91VC3	1	1	48599	52897	86662	26066	44614	37652	50867	151502	81636	136569	0.16268988	0.78863946	51767.6	91645.2	Up	0.82400988538963	Eukaryotic initiation factor 4A-III OS=Mus musculus GN=Eif4a3 PE=2 SV=3
GNAI2	P08752	7	7	79603	124770	121363.29	121893.71	138586.57	156753.29	214305.43	125025.29	117322	132267.43	0.162807592	0.788325348	117243.31	149134.69	Up	0.347110207532069	Guanine nucleotide-binding protein G(i) subunit alpha-2 OS=Mus musculus GN=Gnai2 PE=1 SV=5
RAC3	P60764	4	4	28136	43081.25	57244	75181.25	32419.25	50714.5	47680.25	93922.5	54106.25	109856	0.162975688	0.787877177	47212.35	71255.9	Up	0.59384517945618	Ras-related C3 botulinum toxin substrate 3 OS=Mus musculus GN=Rac3 PE=1 SV=1
ANK3	G5E8K5-6	12	12	26831.83	34138.67	52529.42	27391.75	32285.92	31037.33	39185.08	93096.92	38180.58	88222.92	0.163206996	0.787261228	34635.518	57944.566	Up	0.742421122090392	Isoform 6 of Ankyrin-3 OS=Mus musculus GN=Ank3
GAPDH	P16858	81	81	213304.19	222427.5	224378.34	255052.73	240190.61	247576.65	250368.23	303737.35	218755.06	380902.96	0.163374849	0.786814801	231070.67	280268.05	Up	0.278473115508878	Glyceraldehyde-3-phosphate dehydrogenase OS=Mus musculus GN=Gapdh PE=1 SV=2
SUMF2	Q8BPG6	2	2	24496.5	27518	14115.5	21022	28283	28268	32175.5	19568.5	27965.5	37577.5	0.163690142	0.785977474	23087	29111	Up	0.334483681930612	Sulfatase-modifying factor 2 OS=Mus musculus GN=Sumf2 PE=2 SV=2
DMXL2	Q8BPN8	3	3	9052.67	15028	15137	31863.33	18478.33	26114.33	21391.67	NA	26290.67	NA	0.163793695	0.785702819	17911.866	24598.89	Up	0.457677576445796	DmX-like protein 2 OS=Mus musculus GN=Dmxl2 PE=1 SV=3
HRAS	Q61411-2	26	26	101545.92	116534.29	106886.04	92047.04	117003.58	109024.46	121605.42	105164.79	133380.88	177141.92	0.163800768	0.785684065	106803.37	129263.49	Up	0.275357669807599	Isoform 2 of GTPase HRas OS=Mus musculus GN=Hras
1700025G04RIK	Q8K207	2	2	15033.5	9022.5	17285	11285.5	23768	15673.5	18692	23208.5	23270.5	NA	0.164021764	0.785098521	15278.9	20211.125	Up	0.403608947141902	Uncharacterized protein C1orf21 homolog OS=Mus musculus PE=1 SV=1
ANK3	G5E8K5-5	10	10	32024.1	40731	62896	32617.6	38435.5	36713.3	46741.2	111215.3	45700.2	105867.5	0.164370026	0.784177376	41340.84	69247.5	Up	0.744194284344519	Isoform 5 of Ankyrin-3 OS=Mus musculus GN=Ank3
OCIAD1	Q9CRD0-2	1	1	4220	6427	3278	8786	5664	8710	4595	9482	9348	NA	0.16456768	0.783655453	5675	8033.75	Up	0.501453174858341	Isoform 2 of OCIA domain-containing protein 1 OS=Mus musculus GN=Ociad1
CLVS1	Q9D4C9-3	1	1	6573	10721	NA	22470	15397	28278	22152	NA	15613	NA	0.165288355	0.781757742	13790.25	22014.333	Up	0.674794544021951	Isoform 3 of Clavesin-1 OS=Mus musculus GN=Clvs1
PCYT1B	Q811Q9-2	1	1	10263	11209	2199	12931	8471	14049	9809	NA	14433	NA	0.165518336	0.781153889	9014.6	12763.667	Up	0.501707454831418	Isoform 2 of Choline-phosphate cytidylyltransferase B OS=Mus musculus GN=Pcyt1b
PTPRN2	P80560	6	6	24277.5	23879.33	26426.83	18368	24919.67	27784.67	26491.83	22038.83	31151.5	46742.17	0.165527492	0.781129864	23574.266	30841.8	Up	0.387674114428814	Receptor-type tyrosine-protein phosphatase N2 OS=Mus musculus GN=Ptprn2 PE=1 SV=2
RHOC	Q62159	2	2	106603.5	165448.5	204302	156189.5	127802.5	139893	177959.5	304726	153653	311400.5	0.165925998	0.780085562	152069.2	217526.4	Up	0.516462523559106	Rho-related GTP-binding protein RhoC OS=Mus musculus GN=Rhoc PE=1 SV=2
DNAJA2	Q9QYJ0	9	9	52960.89	59278.22	52120.78	101123.44	58931.44	60399.56	53962.33	50690.78	44973.78	33419.33	0.166369744	0.778925653	64882.954	48689.156	Down	-0.414239011776462	DnaJ homolog subfamily A member 2 OS=Mus musculus GN=Dnaja2 PE=1 SV=1
MBP	P04370-7	52	52	891042.77	712721.21	818273.73	395431.29	753258.17	564682.96	355315.19	642554.6	468351.4	721631.19	0.166753124	0.777926021	714145.43	550507.07	Down	-0.375456818775208	Isoform 7 of Myelin basic protein OS=Mus musculus GN=Mbp
CRYM	O54983	7	7	54217.43	62337.29	71442.14	77060.57	48747.14	69240.71	63700.71	82050.29	70102.29	76224.71	0.167022822	0.777224182	62760.914	72263.742	Up	0.203405600394787	Ketimine reductase mu-crystallin OS=Mus musculus GN=Crym PE=1 SV=1
VPS9D1	Q8C190	1	1	25246	38370	65411	17407	36869	25670	42691	105247	60714	71479	0.167269596	0.776582993	36660.6	61160.2	Up	0.738362726749486	VPS9 domain-containing protein 1 OS=Mus musculus GN=Vps9d1 PE=2 SV=1
STK4	Q9JI11	1	1	19436	27184	11050	29535	27986	36133	37166	NA	23503	NA	0.167758681	0.775314996	23038.2	32267.333	Up	0.486046352392395	Serine/threonine-protein kinase 4 OS=Mus musculus GN=Stk4 PE=1 SV=1
SNRK	Q8VDU5	1	1	20044	24571	8025	27545	30994	31571	34230	20997	32991	NA	0.16793674	0.77485428	22235.8	29947.25	Up	0.42953921817649	SNF-related serine/threonine-protein kinase OS=Mus musculus GN=Snrk PE=2 SV=1
KCND2	Q9Z0V2	2	2	30931	30579.5	42743	31674.5	37509	35247.5	37466.5	61127	36699	84797.5	0.168552121	0.773265779	34687.4	51067.5	Up	0.557993726687359	Potassium voltage-gated channel subfamily D member 2 OS=Mus musculus GN=Kcnd2 PE=1 SV=1
MEF2D	Q63943	2	2	24465.5	19410.5	19825.5	26264.5	20936.5	16272.5	19744	4831	21139.5	NA	0.168642016	0.773034215	22180.5	15496.75	Down	-0.517326204355874	Myocyte-specific enhancer factor 2D OS=Mus musculus GN=Mef2d PE=1 SV=2
EPHA7	Q61772-3	1	1	17436	NA	NA	11662	13127	NA	25897	NA	19542	NA	0.169037557	0.772016793	14075	22719.5	Up	0.690796162737006	Isoform 3 of Ephrin type-A receptor 7 OS=Mus musculus GN=Epha7
RUVBL1	P60122	3	3	21073.67	22502.33	43501.67	20129.33	19700	27328.33	23585	42870.33	33974.33	60986	0.169180668	0.771649265	25381.4	37748.798	Up	0.572659058496657	RuvB-like 1 OS=Mus musculus GN=Ruvbl1 PE=1 SV=1
COX7B	P56393	1	1	235117	231504	463451	150157	206063	288848	213899	605396	327637	724455	0.169215216	0.771560588	257258.4	432047	Up	0.747970078968528	Cytochrome c oxidase subunit 7B, mitochondrial OS=Mus musculus GN=Cox7b PE=2 SV=1
RPL32	P62911	8	8	90049.12	111149.88	127552.25	134205.5	98586.5	107261.88	119587	246064.25	135162	164354.5	0.169244323	0.77148589	112308.65	154485.93	Up	0.460006363263347	60S ribosomal protein L32 OS=Mus musculus GN=Rpl32 PE=1 SV=2
8030462N17RIK	Q8BH50	2	2	1511.5	1369.5	1479	2722	2766.5	4055	1582	2913	5865	NA	0.169411995	0.771055844	1969.7	3603.75	Up	0.871523018521056	Uncharacterized protein C18orf25 homolog OS=Mus musculus PE=2 SV=1
MAPK3	Q63844	4	4	48662.75	84265.5	74514	92176	91810.75	101851.5	119431	81589.5	88243.75	82024.25	0.169786958	0.770095673	78285.8	94628	Up	0.273516488106311	Mitogen-activated protein kinase 3 OS=Mus musculus GN=Mapk3 PE=1 SV=5
UBQLN4	Q99NB8	1	1	3257	5533	7897	4131	3516	7599	7777	NA	5064	NA	0.169813809	0.770026998	4866.8	6813.3333	Up	0.485387301820151	Ubiquilin-4 OS=Mus musculus GN=Ubqln4 PE=1 SV=1
ROBO2	Q7TPD3	4	4	46008.33	46375.33	66198.67	44275	55143	45200	55579	2556.67	51209.67	4128.67	0.170690386	0.767790939	51600.066	31734.802	Down	-0.70130706957924	Roundabout homolog 2 OS=Mus musculus GN=Robo2 PE=2 SV=2
ROBO2	Q7TPD3-2	3	3	46008.33	46375.33	66198.67	44275	55143	45200	55579	2556.67	51209.67	4128.67	0.170690386	0.767790939	51600.066	31734.802	Down	-0.70130706957924	Isoform 2 of Roundabout homolog 2 OS=Mus musculus GN=Robo2
TMED10	Q9D1D4	1	1	35266	35750	56252	25115	36675	40852	50688	86976	36537	146863	0.171257182	0.766351206	37811.6	72383.2	Up	0.936825991107516	Transmembrane emp24 domain-containing protein 10 OS=Mus musculus GN=Tmed10 PE=2 SV=1
PRNP	P04925	1	1	6804	6673	NA	8265	6764	11031	7164	NA	10889	NA	0.17150748	0.765716934	7126.5	9694.6667	Up	0.443997587291833	Major prion protein OS=Mus musculus GN=Prnp PE=1 SV=2
RPL22L1	Q9D7S7	4	4	14596.67	20712	7330	21741	15887.67	18122.33	21782.33	20918.33	20714.67	NA	0.171621413	0.765428526	16053.468	20384.415	Up	0.344581560720124	60S ribosomal protein L22-like 1 OS=Mus musculus GN=Rpl22l1 PE=1 SV=1
SHANK3	Q4ACU6-12	9	9	76433	58952.22	96090.78	36531.22	64890.56	34807.11	43490.33	79315.67	50355.56	21727.44	0.171753816	0.765093605	66579.556	45939.222	Down	-0.53535282531314	Isoform 10 of SH3 and multiple ankyrin repeat domains protein 3 OS=Mus musculus GN=Shank3
IGFBP4	P47879	1	1	3275	4086	NA	5247	3369	3825	2692	NA	1824	NA	0.171826678	0.764909405	3994.25	2780.3333	Down	-0.522666776255966	Insulin-like growth factor-binding protein 4 OS=Mus musculus GN=Igfbp4 PE=2 SV=2
ST6GAL2	Q76K27	1	1	1008	2724	3342	1924	2543	3276	2809	NA	4104	8709	0.171887475	0.764755767	2308.2	4724.5	Up	1.03339341964535	Beta-galactoside alpha-2,6-sialyltransferase 2 OS=Mus musculus GN=St6gal2 PE=2 SV=2
KIF3C	O35066	1	1	NA	NA	NA	1394	1401	1701	1934	NA	NA	NA	0.171974904	0.764534923	1397.5	1817.5	Up	0.379107081076404	Kinesin-like protein KIF3C OS=Mus musculus GN=Kif3c PE=1 SV=3
CHMP4B	Q9D8B3	10	10	30292.7	35572.5	38076.1	48501.4	36543.1	41216.4	32801.1	29995	31034.7	17177.6	0.172476599	0.76326982	37797.16	30444.96	Down	-0.312074419949393	Charged multivesicular body protein 4b OS=Mus musculus GN=Chmp4b PE=1 SV=2
PHACTR3	Q8BYK5-3	1	1	22840	20408	7024	15961	26754	25707	20519	NA	28958	NA	0.173019626	0.76190463	18597.4	25061.333	Up	0.430362231942252	Isoform 3 of Phosphatase and actin regulator 3 OS=Mus musculus GN=Phactr3
DDX3Y	Q62095	4	4	28490	32065.75	43941.75	22102.75	33341.75	32555.75	31617.5	44420.25	38505	57866.25	0.17396805	0.759530504	31988.4	40992.95	Up	0.35782698188054	ATP-dependent RNA helicase DDX3Y OS=Mus musculus GN=Ddx3y PE=1 SV=2
RABGEF1	Q9JM13	3	3	7374	10107.33	11639.67	6285	10836	9179.67	11226	9390	12588.67	16371.67	0.174456895	0.75831186	9248.4	11751.202	Up	0.345532631968794	Rab5 GDP/GTP exchange factor OS=Mus musculus GN=Rabgef1 PE=1 SV=1
SAMD14	Q8K070	4	4	14169.25	14999.75	16137.5	7544.25	13780.25	13186.25	14416.75	13585.25	24131.25	22890	0.174464052	0.758294044	13326.2	17641.9	Up	0.404740493959794	Sterile alpha motif domain-containing protein 14 OS=Mus musculus GN=Samd14 PE=1 SV=1
RPLP0	P14869	5	5	17292	22394	24100.2	25171.6	18689.4	20527.8	20695.8	2173.8	22726	2708	0.174626531	0.757889774	21529.44	13766.28	Down	-0.645172035066324	60S acidic ribosomal protein P0 OS=Mus musculus GN=Rplp0 PE=1 SV=3
SORT1	Q6PHU5	1	1	4574	9933	10096	12894	7843	15059	18228	7654	11974	NA	0.17486773	0.757290328	9068	13228.75	Up	0.544820449930194	Sortilin OS=Mus musculus GN=Sort1 PE=1 SV=1
PALMD	Q9JHU2	5	5	33665.2	31149	53691	19327.6	31777.4	30621	35319.2	68501.8	49511.8	117103	0.174905977	0.757195349	33922.04	60211.36	Up	0.827812770937125	Palmdelphin OS=Mus musculus GN=Palmd PE=1 SV=1
PDZRN3	Q69ZS0-3	1	1	1175	NA	NA	2598	2407	3283	3056	NA	2506	NA	0.175006348	0.756946198	2060	2948.3333	Up	0.517255304786084	Isoform 3 of E3 ubiquitin-protein ligase PDZRN3 OS=Mus musculus GN=Pdzrn3
CLVS1	Q9D4C9	2	2	6766	9808.5	2100	18721.5	12655	20671	18378	8189	16348	NA	0.175176859	0.756523264	10010.2	15896.5	Up	0.667238357209586	Clavesin-1 OS=Mus musculus GN=Clvs1 PE=2 SV=1
SCHIP1	Q3TI53-3	1	1	675	NA	NA	1278	774	1647	3014	NA	1251	NA	0.176124898	0.754179245	909	1970.6667	Up	1.11633156923089	Isoform 3 of Schwannomin-interacting protein 1 OS=Mus musculus GN=Schip1
CREG2	Q8BGC9	1	1	17568	22024	34093	19192	25304	31720	28606	46230	35865	17495	0.176503453	0.753246793	23636.2	31983.2	Up	0.436316179744669	Protein CREG2 OS=Mus musculus GN=Creg2 PE=1 SV=1

POLR1C	P52432	1	1	1122	1502	1035	768	740	2052	1092	NA	1588	NA	0.176571899	0.753078411	1033.4	1577.3333	Up	0.610088784081134	DNA-directed RNA polymerases I and III subunit RPAC1 OS=Mus musculus GN=Polr1c PE=1 SV=3
MBP	P04370-9	52	52	921470.19	737288.62	838126.85	400264.9	778637.73	575824.77	367873.04	663242.13	484414.5	751390.52	0.176756115	0.752625552	735157.66	568548.99	Down	-0.370769003987721	Isoform 9 of Myelin basic protein OS=Mus musculus GN=Mbp
MAP7D1	A2AJI0	8	8	22287.38	28013.25	31569.38	17687.38	23877.38	23943.38	25684.75	26002.5	41591.88	42386.12	0.176783777	0.752557591	24686.954	31921.726	Up	0.370789819317657	MAP7 domain-containing protein 1 OS=Mus musculus GN=Map7d1 PE=1 SV=1
PARK7	Q99LX0	23	23	101470.91	94860.74	122800.87	72162.52	110343	92741.3	101963.52	130563.17	134826.3	131308.04	0.177155961	0.751644231	100327.61	118280.47	Up	0.237493173264741	Protein DJ-1 OS=Mus musculus GN=Park7 PE=1 SV=1
CRTAC1	Q8R555	4	4	18512.25	21696.75	5580.75	32337	24357.25	25828.75	27863.25	NA	29416	NA	0.177368788	0.7511228	20496.8	27702.667	Up	0.434626166223699	Cartilage acidic protein 1 OS=Mus musculus GN=Crtac1 PE=2 SV=1
YIPF5	Q9EQQ2	1	1	3084	6674	2623	8396	3456	7755	5771	NA	6918	NA	0.177483899	0.750841038	4846.6	6814.6667	Up	0.491670071828236	Protein YIPF5 OS=Mus musculus GN=Yipf5 PE=2 SV=1
PPFIBP1	Q8C8U0-3	1	1	1053	1517	NA	2712	2502	2502	2734	NA	2680	NA	0.17772506	0.750251331	1946	2638.6667	Up	0.439297401545244	Isoform 3 of Liprin-beta-1 OS=Mus musculus GN=Ppfibp1
GAK	Q99KY4	3	3	11364.33	15376.67	8050	19208.67	14969.67	16029.67	22459.33	13459	19757.67	NA	0.178077102	0.74939192	13793.868	17926.418	Up	0.378060135886232	Cyclin-G-associated kinase OS=Mus musculus GN=Gak PE=1 SV=2
COPG2	Q9QXK3	1	1	1126	NA	NA	2250	1862	2853	4116	NA	1965	NA	0.178153993	0.74920444	1746	2978	Up	0.77029019495266	Coatomer subunit gamma-2 OS=Mus musculus GN=Copg2 PE=2 SV=1
NIT2	Q9JHW2	5	5	69663.6	82252.2	110192.2	45209.2	90009.6	70016.4	84775.8	146528.8	109926.8	246372	0.179635946	0.745606754	79465.36	131523.96	Up	0.726927629571719	Omega-amidase NIT2 OS=Mus musculus GN=Nit2 PE=1 SV=1
HSPA4L	P48722	23	23	27865.17	33790.39	47970.48	38190.17	42321.13	42497.09	40573.91	80059.48	39769.39	51149.13	0.179678535	0.745503802	38027.468	50809.8	Up	0.418064902786813	Heat shock 70 kDa protein 4L OS=Mus musculus GN=Hspa4l PE=1 SV=2
HSPA4L	P48722-2	21	21	30354.43	36872.29	52539.1	41502.33	46058.48	46284.48	44320.81	87684.19	43318.33	56020.48	0.179799686	0.745211072	41465.326	55525.658	Up	0.421249149520579	Isoform 2 of Heat shock 70 kDa protein 4L OS=Mus musculus GN=Hspa4l
CELF1	P28659-3	5	5	53820	42702.8	66854.6	27034.8	49362.4	38668.2	48822.2	87055.4	64819.4	95281.2	0.179841407	0.745110309	47954.92	66929.28	Up	0.480958656326992	Isoform 3 of CUGBP Elav-like family member 1 OS=Mus musculus GN=Celf1
AGK	Q9ESW4	2	2	60621	93186	101342.5	38275	77111	61738.5	71753.5	339147.5	90086.5	302139.5	0.180214133	0.744211152	74107.1	172973.1	Up	1.22286401889041	Acylglycerol kinase, mitochondrial OS=Mus musculus GN=Agk PE=1 SV=1
RPS14	P62264	17	17	113748.88	119058	163374.53	48799	103768.71	83179.06	108922.88	197610.47	179702.82	209939.06	0.180930638	0.742487885	109749.82	155870.86	Up	0.506132597236003	40S ribosomal protein S14 OS=Mus musculus GN=Rps14 PE=2 SV=3
EGFR	Q01279	1	1	12270	13250	NA	14630	11980	16211	13010	NA	15710	NA	0.181182112	0.741884683	13032.5	14977	Up	0.200634810687378	Epidermal growth factor receptor OS=Mus musculus GN=Egfr PE=1 SV=1
AK1	Q9R0Y5	36	36	38576.36	41173.03	49954.22	44154.64	40731.78	41756.81	42044.36	57938.89	47157.69	53782.75	0.181641254	0.740785509	42918.006	48536.1	Up	0.177475139852808	Adenylate kinase isoenzyme 1 OS=Mus musculus GN=Ak1 PE=1 SV=1
NDUFS7	Q9DC70	11	11	95428.55	88691.36	94206.36	101586.18	76457.55	94419.09	72498.09	92043.45	67809.55	80175.36	0.181865798	0.740248967	91274	81389.108	Down	-0.165368220620973	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial OS=Mus musculus GN=Ndufs7 PE=1 SV=1
WIPF3	P0C7L0	6	6	43406.17	41246.83	49575.83	26055	50830.17	42710	47663.5	39599.33	80829.67	70078.33	0.181955681	0.740034382	42222.8	56176.166	Up	0.411935910477937	WAS/WASL-interacting protein family member 3 OS=Mus musculus GN=Wipf3 PE=1 SV=1
MTFR1L	Q9CWE0-2	3	3	4173	1853	5054	2825.67	3266	3026.67	2779.67	13508.33	4991	10053.67	0.181957616	0.740029762	3434.334	6871.868	Up	1.00067197148849	Isoform 2 of Mitochondrial fission regulator 1-like OS=Mus musculus GN=Mtfr1l
FAU	P62862	2	2	121460	117424.5	197528.5	86384	123676.5	121063.5	147768	176339	179515.5	331451	0.182262982	0.739301528	129294.7	191227.4	Up	0.564626116608293	40S ribosomal protein S30 OS=Mus musculus GN=Fau PE=1 SV=1
STRN4	P58404	26	26	23230.7	26391.35	25077.78	24354.43	28283.78	28131.78	31312.74	21891.87	32837.17	28908.3	0.182342689	0.739111645	25467.608	28616.372	Up	0.168177314558885	Striatin-4 OS=Mus musculus GN=Strn4 PE=1 SV=2
CEP170	Q6A065	17	17	36966	38454.88	43027.06	26425.94	35150.35	30802.41	37618.41	42193.53	56299.35	63261.59	0.182411726	0.738947247	36004.846	46035.058	Up	0.354541867924025	Centrosomal protein of 170 kDa OS=Mus musculus GN=Cep170 PE=1 SV=2
DYNLRB1	P62627	12	12	41529.92	39811.58	55187.5	27185	38032.17	36084.67	37993.08	87115.08	49076.33	102270.33	0.182525416	0.738676654	40349.234	62507.898	Up	0.631497203465766	Dynein light chain roadblock-type 1 OS=Mus musculus GN=Dynlrb1 PE=1 SV=3
WARS	P32921	3	3	43239.33	50676	39006	30838.67	51153.67	43316.33	44205	51346.33	52021.67	59151.67	0.182531475	0.738662236	42982.734	50008.2	Up	0.218407426379772	Tryptophan--tRNA ligase, cytoplasmic OS=Mus musculus GN=Wars PE=1 SV=2
ACTR1B	Q8R5C5	7	7	74225.29	80287.29	84242.86	50362.43	72880.57	69224.43	74811	115183.14	86871.14	177401.71	0.182866539	0.737865754	72399.688	104698.28	Up	0.532182411489075	Beta-centractin OS=Mus musculus GN=Actr1b PE=1 SV=1
DNAJB11	Q99KV1	2	2	12922	12777	11887.5	17404	11281.5	15648	17080	46556	23098	NA	0.183355693	0.736705602	13254.4	25595.5	Up	0.949418825412355	DnaJ homolog subfamily B member 11 OS=Mus musculus GN=Dnajb11 PE=1 SV=1
LMNB1	P14733	14	14	47886.57	25093.21	22400.93	19472.5	37045.57	29359.64	23403.14	16198.71	24209.14	13617.21	0.183382325	0.736642526	30379.756	21357.568	Down	-0.508362906878114	Lamin-B1 OS=Mus musculus GN=Lmnb1 PE=1 SV=3
SEPT9	Q80UG5	33	33	35825.12	36705.61	37271.55	34012.61	37767.58	39912.12	41650.15	48056.45	47984.03	30303.73	0.183535766	0.73627929	36316.494	41581.296	Up	0.195309793266775	Septin-9 OS=Mus musculus GN=Sept9 PE=1 SV=1
PDZD11	Q9CZG9	1	1	26148	26660	26667	18347	25412	20732	31621	51012	30506	29793	0.183849433	0.735537706	24646.8	32732.8	Up	0.409336669931888	PDZ domain-containing protein 11 OS=Mus musculus GN=Pdzd11 PE=1 SV=1
MAPK10	Q61831	1	1	52088	65286	133423	54579	59169	55870	92014	96393	134827	149932	0.184325359	0.734414911	72909	105807.2	Up	0.537268984565941	Mitogen-activated protein kinase 10 OS=Mus musculus GN=Mapk10 PE=1 SV=2
AHCYL2	Q68FL4-2	10	10	56364.25	80882.25	69854.75	112109.5	77557.5	103593.62	92345.12	95573	81757.62	99320.5	0.184349711	0.734357539	79353.65	94517.972	Up	0.252292091149292	Isoform 2 of Putative adenosylhomocysteinase 3 OS=Mus musculus GN=Ahcyl2
UBAP2L	Q80X50-3	6	6	19092.4	21564.6	34062.8	31599	19190.2	23043.8	25513.4	42116.8	32984.8	66327	0.184426632	0.734176365	25101.8	37997.16	Up	0.598100771386758	Isoform 3 of Ubiquitin-associated protein 2-like OS=Mus musculus GN=Ubap2l
BSN	O88737-2	208	208	29022.89	31533.01	31338.04	42026.5	39841.92	43026.17	42033.07	31790.31	45066.1	37356.55	0.184795104	0.73330954	34752.472	39854.44	Up	0.197624854456625	Isoform 2 of Protein bassoon OS=Mus musculus GN=Bsn
RALGPS1	A2AR50	1	1	6136	13864	2594	20321	11495	22534	15812	13456	13796	NA	0.184892615	0.733080436	10882	16399.5	Up	0.591708096057542	Ras-specific guanine nucleotide-releasing factor RalGPS1 OS=Mus musculus GN=Ralgps1 PE=1 SV=2
GCSH	Q91WK5	6	6	25910	22219.83	25834.5	17127.5	16539	17455.33	20427.67	43498.5	27935.5	46387.17	0.185064951	0.732675824	21526.166	31140.834	Up	0.532716196876948	Glycine cleavage system H protein, mitochondrial OS=Mus musculus GN=Gcsh PE=1 SV=2
AK5	Q920P5	9	9	25105	29205.33	32703.44	24691.44	31846.78	29665.56	33095.67	37506	38583.11	25930.89	0.185108682	0.73257321	28710.398	32956.246	Up	0.19897858635119	Adenylate kinase isoenzyme 5 OS=Mus musculus GN=Ak5 PE=2 SV=2
MBP	P04370-10	53	53	876604.28	700396.89	804921.85	371323.13	744231.98	548957.87	347263.81	628754.15	461204.87	718682.62	0.185273628	0.732186395	699495.63	540972.66	Down	-0.370759341358464	Isoform 10 of Myelin basic protein OS=Mus musculus GN=Mbp
RACK1	P68040	2	2	16142	17628	16957	20031	16086	27360	18560	NA	21298	NA	0.18540447	0.731879799	17368.8	22406	Up	0.367387034154744	Guanine nucleotide-binding protein subunit beta-2-like 1 OS=Mus musculus GN=Gnb2l1 PE=1 SV=3
CHCHD4	Q8VEA4	2	2	122799.5	114996.5	120030	138912.5	118151	121370	131133	29141.5	116542.5	48158	0.185583161	0.731461433	122977.9	89269	Down	-0.462167906412675	Mitochondrial intermembrane space import and assembly protein 40 OS=Mus musculus GN=Chchd4 PE=1 SV=1
CLDN12	Q9ET43	1	1	5127	10751	NA	16773	11831	17164	14128	NA	NA	NA	0.185680876	0.731232824	11120.5	15646	Up	0.492572214095589	Claudin-12 OS=Mus musculus GN=Cldn12 PE=2 SV=2
DUS3L	Q91XI1	2	2	30197	33481	12322.5	27259	34563.5	43374.5	40557	21658	61264.5	NA	0.18569966	0.731188892	27564.6	41713.5	Up	0.59769770152358	tRNA-dihydrouridine(47) synthase [NAD(P)(+)]-like OS=Mus musculus GN=Dus3l PE=2 SV=1
STRIP1	Q8C079-2	1	1	34882	37556	46211	74994	49764	63043	63229	46360	80749	NA	0.186649275	0.728973692	48681.4	63345.25	Up	0.379865783375333	Isoform 2 of Striatin-interacting protein 1 OS=Mus musculus GN=Strip1
STMN3	O70166	3	3	79346.67	75028	67847.67	79229.67	76585	82492.67	70070.67	47965.33	73280	44466.33	0.186675244	0.728913272	75607.402	63655	Down	-0.248253641878632	Stathmin-3 OS=Mus musculus GN=Stmn3 PE=1 SV=1
FTH1	P09528	3	3	78574.33	86359	109932.33	124570.67	80737.67	98748.33	93530.67	167333.33	117552	118916.33	0.186687203	0.728885451	96034.8	119216.13	Up	0.31195027741356	Ferritin heavy chain OS=Mus musculus GN=Fth1 PE=1 SV=2
PFKP	Q9WUA3-2	8	8	23578	22803.25	45409.62	26404.5	27094	28139	31232.5	57831.12	29392.88	63164	0.187241137	0.72759873	29057.874	41951.9	Up	0.529806998739766	Isoform 2 of 6-phosphofructokinase type C OS=Mus musculus GN=Pfkp
CEP97	Q9CZ62	1	1	2144	2305	2210	4813	5128	5725	5614	7532	2259	NA	0.187256218	0.727563751	3320	5282.5	Up	0.670037620588016	Centrosomal protein of 97 kDa OS=Mus musculus GN=Cep97 PE=2 SV=1
CLU	Q06890	8	8	42873.12	33054.25	39756.38	27938.38	36926.62	38194.88	36585.25	70927.88	44024.25	42192.88	0.187446666	0.727122279	36109.75	46385.028	Up	0.361270780284682	Clusterin OS=Mus musculus GN=Clu PE=1 SV=1
RPL9	P51410	12	12	88742.42	101579.75	116285.42	80715.92	82234.58	78013.33	96804.25	214271.25	122134.67	149325.17	0.187462382	0.727085869	93911.618	132109.73	Up	0.492361217149813	60S ribosomal protein L9 OS=Mus musculus GN=Rpl9 PE=1 SV=2
MARK4	Q8CIP4	1	1	50200	55162	NA	72379	65840	66219	69369	145724	87751	NA	0.18747422	0.727058446	60895.25	92265.75	Up	0.599465505668313	MAP/microtubule affinity-regulating kinase 4 OS=Mus musculus GN=Mark4 PE=1 SV=1
AK2	Q9WTP6-2	16	16	66687.19	69469.62	69633.56	48786.19	67050.81	61800.69	68672.81	81099.44	74875.06	71869.19	0.187553737	0.726874278	64325.474	71663.438	Up	0.155847074533067	Isoform 2 of Adenylate kinase 2, mitochondrial OS=Mus musculus GN=Ak2
CPSF6	Q6NVF9	5	5	22465.6	15277.2	23665	17715.2	18375	16281.6	19263.4	5811.8	22220	4655.4	0.187798096	0.726308816	19499.6	13646.44	Down	-0.514919891178192	Cleavage and polyadenylation specificity factor subunit 6 OS=Mus musculus GN=Cpsf6 PE=2 SV=1
NLGN2	Q69ZK9	4	4	12097	13105.25	24088.25	19439.75	16011.75	20645.75	23040.75	42838.75	24175.75	13831.75	0.187806972	0.726288289	16948.4	24906.55	Up	0.555376113173601	Neuroligin-2 OS=Mus musculus GN=Nlgn2 PE=1 SV=2
PLIN3	Q9DBG5	1	1	NA	5232	NA	10646	1849	10263	8119	NA	15260	NA	0.188098568	0.725614511	5909	11214	Up	0.924315070892126	Perilipin-3 OS=Mus musculus GN=Plin3 PE=1 SV=1
NTRK2	P15209-4	5	5	17140.4	23953.6	19728	28359.6	23796.4	31034.8	27427.8	36394.6	26312	94099.6	0.18833414	0.725070946	22595.6	43053.76	Up	0.930097370926078	Isoform L10 of BDNF/NT-3 growth factors receptor OS=Mus musculus GN=Ntrk2
MARCKS	P26645	25	25	107122.13	99466.04	138065.57	86753.26	94467.04	96106.65	105170.04	146023.57	127617.09	155015.3	0.188434034	0.724840653	105174.81	125986.53	Up	0.260480310087908	Myristoylated alanine-rich C-kinase substrate OS=Mus musculus GN=Marcks PE=1 SV=2
GABRA4	Q9D6F4	1	1	20352	33742	23511	35634	32131	29794	37141	NA	38266	NA	0.188464196	0.724771144	29074	35067	Up	0.270384441495108	Gamma-aminobutyric acid receptor subunit alpha-4 OS=Mus musculus GN=Gabra4 PE=2 SV=1
REPS1	O54916-4	1	1	53900	62876	71857	48497	60237	61635	64514	93716	63230	151909	0.188770698	0.724065418	59473.4	87000.8	Up	0.548784112401425	Isoform 4 of RalBP1-associated Eps domain-containing protein 1 OS=Mus musculus GN=Reps1
TRAP1	Q9CQN1	2	2	16942.5	15452	5560	12641	9512.5	15505	15639.5	NA	14685.5	NA	0.189134653	0.723228893	12021.6	15276.667	Up	0.345700862448823	Heat shock protein 75 kDa, mitochondrial OS=Mus musculus GN=Trap1 PE=1 SV=1
EPB41L3	Q9WV92-8	37	37	21839.54	24829.97	22554.11	27985.41	24193.05	29908.41	28653.49	20873.3	27711.54	28200.95	0.18930405	0.722840094	24280.416	27069.538	Up	0.15687712534783	Isoform 8 of Band 4.1-like protein 3 OS=Mus musculus GN=Epb41l3
CXCL12	P40224	1	1	26632	25731	17269	22602	22207	34188	23052	NA	40455	NA	0.189384995	0.722654433	22888.2	32565	Up	0.508718217392811	Stromal cell-derived factor 1 OS=Mus musculus GN=Cxcl12 PE=2 SV=2
TMX3	Q8BXZ1	2	2	10330	10033	15126.5	13534.5	11227.5	12147	14011	NA	13721.5	18985.5	0.189418566	0.722577455	12050.3	14716.25	Up	0.288341026441884	Protein disulfide-isomerase TMX3 OS=Mus musculus GN=Tmx3 PE=1 SV=2
MKL2	P59759	4	4	20812.25	19181.25	12616.5	20709.25	24886.5	24416.25	23957.75	20383	40441.75	NA	0.189721994	0.721882319	19641.15	27299.688	Up	0.475005033980495	MKL/myocardin-like protein 2 OS=Mus musculus GN=Mkl2 PE=1 SV=1
PTPRN	Q60673	1	1	45424	35902	25791	54198	57428	58080	47563	NA	80048	NA	0.190353384	0.720439399	43748.6	61897	Up	0.500632637180423	Receptor-type tyrosine-protein phosphatase-like N OS=Mus musculus GN=Ptprn PE=1 SV=2
IGSF21	Q7TNR6	6	6	26683	30409.67	42774	35560	31875.17	36686.83	35905.33	64829.33	29085.5	55120.33	0.190398266	0.720337011	33460.368	44325.464	Up	0.405682421021199	Immunoglobulin superfamily member 21 OS=Mus musculus GN=Igsf21 PE=2 SV=1
PDPK1	Q9Z2A0	3	3	21562	24041	39220	16307.67	26278.67	23115	29922.67	55677	28038.33	88856.33	0.190932185	0.719120858	25481.868	45121.866	Up	0.824355689995612	3-phosphoinositide-dependent protein kinase 1 OS=Mus musculus GN=Pdpk1 PE=1 SV=2
DHRS1	Q99L04	3	3	48414.67	60798.33	60490.33	37936.33	58236.33	58705.67	58525	76864.67	87467.67	46532.67	0.190972901	0.719028255	53175.198	65619.136	Up	0.303363098044015	Dehydrogenase/reductase SDR family member 1 OS=Mus musculus GN=Dhrs1 PE=2 SV=1
RGS7BP	Q8BQP9	1	1	208474	194407	238798	104015	241077	182749	215105	318069	221219	318539	0.191659993	0.717468531	197354.2	251136.2	Up	0.347682778396812	Regulator of G-protein signaling 7-binding protein OS=Mus musculus GN=Rgs7bp PE=1 SV=1
XPNPEP1	Q6P1B1	2	2	5831	7254.5	15067	7055	6634.5	7428.5	9688	12179.5	11945.5	19575	0.191799144	0.717153335	8368.4	12163.3	Up	0.539510978996114	Xaa-Pro aminopeptidase 1 OS=Mus musculus GN=Xpnpep1 PE=2 SV=1
PFN2	Q9JJV2-2	28	28	87586.33	83814.56	129338.19	52923.48	86996.48	80700.11	85865.22	135191.04	116803.56	184396.19	0.191913076	0.716895434	88131.808	120591.22	Up	0.452390212215575	Isoform 2 of Profilin-2 OS=Mus musculus GN=Pfn2
PAK2	Q8CIN4	8	8	20680.25	28082.62	28466.62	45845.38	24969.12	36192.75	31452.25	48752.38	27870.88	45669.75	0.192202558	0.716240836	29608.798	37987.602	Up	0.359502719517731	Serine/threonine-protein kinase PAK 2 OS=Mus musculus GN=Pak2 PE=1 SV=1
MBP	P04370	43	43	1030891	820995	949791.35	434537.12	867750.56	644420.74	397575.4	736936.35	531255.21	859740.93	0.192231663	0.716175077	820793.01	633985.73	Down	-0.372568078872115	Myelin basic protein OS=Mus musculus GN=Mbp PE=1 SV=2
HGS	Q99LI8	11	11	31251	33523.4	29861.8	46262.9	38860.7	40908.9	43864	45196.6	47796	31384.7	0.192427091	0.715733786	35951.96	41830.04	Up	0.218468953065682	Hepatocyte growth factor-regulated tyrosine kinase substrate OS=Mus musculus GN=Hgs PE=1 SV=2
UAP1L1	Q3TW96	1	1	2837	7004	NA	9095	7456	9532	8290	NA	NA	NA	0.192483376	0.715606774	6598	8911	Up	0.433558563394031	UDP-N-acetylhexosamine pyrophosphorylase-like protein 1 OS=Mus musculus GN=Uap1l1 PE=2 SV=1
ZFYVE1	Q810J8	1	1	25662	25643	57409	18525	20330	34575	34471	35270	52936	50218	0.192701669	0.715114523	29513.8	41494	Up	0.491513054446109	Zinc finger FYVE domain-containing protein 1 OS=Mus musculus GN=Zfyve1 PE=2 SV=2
VDAC1	Q60932-2	136	136	86736.41	81524.78	78852.62	67441.04	83606.75	77747.55	84476.84	85708.82	85275.61	98892.82	0.192748818	0.715008277	79632.32	86420.328	Up	0.118016616983241	Isoform Mt-VDAC1 of Voltage-dependent anion-selective channel protein 1 OS=Mus musculus GN=Vdac1
TACC2	Q9JJG0-3	1	1	8621	10797	NA	17338	11615	13711	14708	NA	18973	NA	0.192905319	0.714655797	12092.75	15797.333	Up	0.385538681306661	Isoform 3 of Transforming acidic coiled-coil-containing protein 2 OS=Mus musculus GN=Tacc2
VDAC1	Q60932	137	137	87172.17	81788.95	79229.93	67377.13	83756.95	77747.56	84610.44	86550.38	85636.12	100502.34	0.192919646	0.714623545	79865.026	87009.368	Up	0.123606874023756	Voltage-dependent anion-selective channel protein 1 OS=Mus musculus GN=Vdac1 PE=1 SV=3
SNX5	Q9D8U8	2	2	10041	13085	11486	18233	11010.5	12954	10518	7524	9494	NA	0.193524357	0.713264367	12771.1	10122.5	Down	-0.335317149543794	Sorting nexin-5 OS=Mus musculus GN=Snx5 PE=1 SV=1
PPP1R12B	Q8BG95	6	6	18046.5	18759	12331.33	10629.33	17573.17	15352.33	20274.5	12992.83	25216.67	24796.33	0.19386112	0.712509283	15467.866	19726.532	Up	0.350863175685621	Protein phosphatase 1 regulatory subunit 12B OS=Mus musculus GN=Ppp1r12b PE=1 SV=2
CRMP1	P97427	88	88	157581.2	176934.24	191148.55	192122.4	157717.29	189926.81	197842.89	187219.93	196940.11	169484.31	0.193906332	0.712408009	175100.74	188282.81	Up	0.104716141740608	Dihydropyrimidinase-related protein 1 OS=Mus musculus GN=Crmp1 PE=1 SV=1
NAP1L4	Q78ZA7	4	4	18488	19318.5	18744.75	23742	19029.75	20006.5	18966.5	18842.25	17075.25	11831.75	0.194136441	0.711892936	19864.6	17344.45	Down	-0.195725650278463	Nucleosome assembly protein 1-like 4 OS=Mus musculus GN=Nap1l4 PE=1 SV=1
CST3	P21460	15	15	247733.6	228367.8	357167.87	107472.87	201207	182440.33	196124.6	416292.8	392233.93	467867.27	0.194337452	0.711443496	228389.83	330991.79	Up	0.535297017541448	Cystatin-C OS=Mus musculus GN=Cst3 PE=2 SV=2
EFL1	Q8C0D5	1	1	4561	2819	2478	4195	6082	5507	4532	NA	8215	NA	0.194629209	0.710791982	4027	6084.6667	Up	0.59547275835967	Elongation factor Tu GTP-binding domain-containing protein 1 OS=Mus musculus GN=Eftud1 PE=2 SV=1
SRP54	P14576	1	1	8546	12396	5689	9271	11597	12976	10125	NA	17672	NA	0.194633825	0.710781682	9499.8	13591	Up	0.516682565065893	Signal recognition particle 54 kDa protein OS=Mus musculus GN=Srp54 PE=1 SV=2
USP14	Q9JMA1	1	1	18742	18701	8031	26069	24681	23967	33008	19650	24632	NA	0.194735894	0.710553992	19244.8	25314.25	Up	0.395481063179095	Ubiquitin carboxyl-terminal hydrolase 14 OS=Mus musculus GN=Usp14 PE=1 SV=3
ASRGL1	Q8C0M9	20	20	95612.2	96104.45	109877.7	66028.55	95582.2	83172.4	89800.55	148545.65	107440.25	155409.4	0.195514145	0.708821817	92641.02	116873.65	Up	0.335226657671069	Isoaspartyl peptidase/L-asparaginase OS=Mus musculus GN=Asrgl1 PE=1 SV=1
GFAP	P03995-2	27	27	66655	62682.42	65564.77	54974.85	65067	61809.62	58631.69	77232.04	71243.69	82833.65	0.195590743	0.708651704	62988.808	70350.138	Up	0.159457743553894	Isoform 2 of Glial fibrillary acidic protein OS=Mus musculus GN=Gfap
IRGQ	Q8VIM9	1	1	12093	9831	NA	21664	11112	22504	18670	NA	15196	NA	0.196125841	0.70746518	13675	18790	Up	0.458424233740137	Immunity-related GTPase family Q protein OS=Mus musculus GN=Irgq PE=2 SV=1
TARDBP	Q921F2	6	6	21053.17	19027.5	18107.33	27839.5	17546.5	23276.17	16745.67	3699.33	21700.33	4606.33	0.196284395	0.707114227	20714.8	14005.566	Down	-0.564661603750359	TAR DNA-binding protein 43 OS=Mus musculus GN=Tardbp PE=1 SV=1
RBM3	O89086	3	3	238346	215517	177528.33	166695.67	167129.67	168178	253172.67	324406.67	472659.33	181906	0.196363129	0.706940057	193043.33	280064.53	Up	0.536834561866688	Putative RNA-binding protein 3 OS=Mus musculus GN=Rbm3 PE=2 SV=1
FAM163B	Q8BUM6	1	1	1352	2754	3859	7859	3954	7999	8459	NA	3833	NA	0.196645687	0.706315574	3955.6	6763.6667	Up	0.773909016654056	Protein FAM163B OS=Mus musculus GN=Fam163b PE=2 SV=1
MRPL40	Q9Z2Q5	2	2	9013	10031	NA	13601	11366.5	11597.5	13139	NA	16470	NA	0.196710583	0.706172274	11002.875	13735.5	Up	0.320028885884455	39S ribosomal protein L40, mitochondrial OS=Mus musculus GN=Mrpl40 PE=2 SV=2
CD34	Q64314-2	1	1	4902	5740	5564	3423	5862	6765	6408	NA	4947	11182	0.1974355	0.704574756	5098.2	7325.5	Up	0.5229392629297	Isoform Short of Hematopoietic progenitor cell antigen CD34 OS=Mus musculus GN=Cd34
ABHD10	Q6PE15	2	2	12526	18170	31442.5	32170	21073.5	31302	28720.5	39929.5	22406.5	NA	0.197455322	0.704531156	23076.4	30589.625	Up	0.406624244912515	Mycophenolic acid acyl-glucuronide esterase, mitochondrial OS=Mus musculus GN=Abhd10 PE=2 SV=1
SNRPF	P62307	1	1	9161	8113	8231	10271	9017	7775	7949	6797	9425	NA	0.197462928	0.704514428	8958.6	7986.5	Down	-0.165709897915005	Small nuclear ribonucleoprotein F OS=Mus musculus GN=Snrpf PE=2 SV=1
AHCYL2	Q68FL4	15	15	39823.25	56295.17	47486	77982.92	54927	73324.25	65431.42	64113.08	58021.67	66213.67	0.197527364	0.704372733	55302.868	65420.818	Up	0.242395498119915	Putative adenosylhomocysteinase 3 OS=Mus musculus GN=Ahcyl2 PE=1 SV=1
CTNNA2	Q61301	22	22	29399	35454.12	47648.06	59864.76	38363.41	47182.82	47536.29	64083.59	44135	53267.41	0.197638923	0.704127522	42145.87	51241.022	Up	0.28190798637085	Catenin alpha-2 OS=Mus musculus GN=Ctnna2 PE=1 SV=3
SORBS2	Q3UTJ2-4	7	7	26694.29	24361.57	51543.43	13059.57	25986.29	17616	23539.57	95318.43	43510.57	112005.86	0.197793593	0.703787779	28329.03	58398.086	Up	1.04363988151282	Isoform 4 of Sorbin and SH3 domain-containing protein 2 OS=Mus musculus GN=Sorbs2
DIABLO	Q9JIQ3	1	1	4511	6310	2902	11316	5686	9764	7613	NA	7950	NA	0.197855639	0.703651568	6145	8442.3333	Up	0.458228782551379	Diablo homolog, mitochondrial OS=Mus musculus GN=Diablo PE=1 SV=2
SCRG1	O88745	1	1	193167	189146	204347	84960	158397	134276	172051	574125	263235	289569	0.197872882	0.70361372	166003.4	286651.2	Up	0.788083528118435	Scrapie-responsive protein 1 OS=Mus musculus GN=Scrg1 PE=2 SV=1
SORBS2	Q3UTJ2-3	6	6	31020	28195.17	60134	14198.17	30106.5	20476.33	26784.33	111204.83	50550.5	130673.5	0.198010896	0.703310911	32730.768	67937.898	Up	1.05356912748447	Isoform 3 of Sorbin and SH3 domain-containing protein 2 OS=Mus musculus GN=Sorbs2

CHL1	P70232	2	2	26852	24608	10647	26058	22692.5	30943	30634	18508	36094.5	NA	0.198091	0.703135255	22171.5	29044.875	Up	0.389577242761442	Neural cell adhesion molecule L1-like protein OS=Mus musculus GN=Chl1 PE=1 SV=2
MANF	Q9CXI5	4	4	122321.5	112352.25	79781	136254	114977.75	108890	111107.75	36461.25	120230.5	30069.25	0.198287126	0.702705483	113137.3	81351.75	Down	-0.475829360953187	Mesencephalic astrocyte-derived neurotrophic factor OS=Mus musculus GN=Manf PE=1 SV=1
MDP1	Q9D967	2	2	23382.5	39667.5	38617	58521.5	35253.5	45140	38301.5	98719	42421	60880.5	0.198560477	0.702107192	39088.4	57092.4	Up	0.546558178148791	Magnesium-dependent phosphatase 1 OS=Mus musculus GN=Mdp1 PE=1 SV=1
EPB41L3	Q9WV92-7	32	32	23023.59	26185.25	24339.25	28579.72	25568.19	31498.31	29757.81	21620.06	28831.62	30274.56	0.198573303	0.70207914	25539.2	28396.472	Up	0.152998365099338	Isoform 7 of Band 4.1-like protein 3 OS=Mus musculus GN=Epb41l3
STIM2	P83093	2	2	21558.5	18764.5	39935	10988	18799.5	21875.5	22112	102819.5	28867.5	54763	0.198831811	0.701514132	22009.1	46087.5	Up	1.06627535982357	Stromal interaction molecule 2 OS=Mus musculus GN=Stim2 PE=1 SV=2
FAT3	Q8BNA6	1	1	3673	6441	2210	11296	8695	10052	10651	7638	8040	NA	0.199579301	0.699884502	6463	9095.25	Up	0.492909301984195	Protocadherin Fat 3 OS=Mus musculus GN=Fat3 PE=1 SV=2
GANAB	Q8BHN3-3	2	2	92141	109008.5	144981	110196.5	93259.5	126160.5	113756	167819	130137	109786.5	0.200021241	0.698923883	109917.3	129531.8	Up	0.236887850938159	Isoform 3 of Neutral alpha-glucosidase AB OS=Mus musculus GN=Ganab
RPLP1	P47955	9	9	43828.12	45846.62	73199.38	41095.75	40068.12	41153.12	47348.5	88714.88	62297.38	120369.5	0.200033754	0.698896714	48807.598	71976.676	Up	0.560423724605692	60S acidic ribosomal protein P1 OS=Mus musculus GN=Rplp1 PE=2 SV=1
MAP7D1	A2AJI0-2	7	7	19950.57	26615.71	28908.14	18148	22713	22838.71	24838	22711.86	39392.29	35209	0.200083169	0.698789442	23267.084	28997.972	Up	0.317661594506851	Isoform 2 of MAP7 domain-containing protein 1 OS=Mus musculus GN=Map7d1
AI837181	Q8VD62	1	1	3213	2653	NA	8766	7477	6346	8057	7222	11557	NA	0.200223976	0.698483919	5527.25	8295.5	Up	0.585767072514215	UPF0696 protein C11orf68 homolog OS=Mus musculus GN=Bles03 PE=2 SV=1
ACTR1A	P61164	5	5	87973	88903.4	109257	52781.4	81033	79729.4	84743.2	129813.8	100217.4	200459.4	0.200516637	0.697849587	83989.56	118992.64	Up	0.502590426427154	Alpha-centractin OS=Mus musculus GN=Actr1a PE=2 SV=1
ATP6V1A	P50516	40	40	89604.26	100627.74	99662.97	92983.15	86880.46	106313.41	98103.13	133123.74	83195.85	113459.26	0.200828291	0.697175107	93951.716	106839.08	Up	0.185448013575884	V-type proton ATPase catalytic subunit A OS=Mus musculus GN=Atp6v1a PE=1 SV=2
CCNY	Q8BGU5	1	1	54673	81999	42528	61309	66703	82732	69676	237074	106847	NA	0.201577662	0.695557597	61442.4	124082.25	Up	1.01399027695948	Cyclin-Y OS=Mus musculus GN=Ccny PE=1 SV=1
EXOC6B	A6H5Z3	1	1	2257	2468	NA	6511	5584	6861	5422	7654	4457	NA	0.201864092	0.694940928	4205	6098.5	Up	0.536348637494159	Exocyst complex component 6B OS=Mus musculus GN=Exoc6b PE=2 SV=1
MRPL49	Q9CQ40	4	4	4612.5	5270	4649	2487.5	4353.5	4825.5	3542.5	7083	5838.5	13590.5	0.20215902	0.694306877	4274.5	6976	Up	0.706644366246783	39S ribosomal protein L49, mitochondrial OS=Mus musculus GN=Mrpl49 PE=2 SV=1
GGACT	Q923B0	1	1	1330	1352	NA	2173	1703	2873	1790	NA	4364	NA	0.20218474	0.694251626	1639.5	3009	Up	0.876028204940276	Gamma-glutamylaminecyclotransferase OS=Mus musculus GN=Ggact PE=1 SV=1
MAST4	Q811L6	1	1	2029	NA	NA	1745	764	743	859	NA	NA	NA	0.202232625	0.694148781	1512.6667	801	Down	-0.917219960542471	Microtubule-associated serine/threonine-protein kinase 4 OS=Mus musculus GN=Mast4 PE=2 SV=3
MBP	P04370-13	43	43	1067687	850704.42	973799.77	440382.42	898442.12	657894.56	412761.63	761953.84	550680.35	895728.95	0.202374246	0.693844757	846203.14	655803.87	Down	-0.367739625759887	Isoform 12 of Myelin basic protein OS=Mus musculus GN=Mbp
SRGAP1	Q91Z69	1	1	12508	21374	23508	18488	17081	14082	17025	67031	27538	118819	0.202411666	0.69376446	18591.8	48899	Up	1.39513850766313	SLIT-ROBO Rho GTPase-activating protein 1 OS=Mus musculus GN=Srgap1 PE=1 SV=2
SLC39A10	Q6P5F6	1	1	13015	15788	10276	16250	16711	19277	15338	NA	26623	NA	0.202561529	0.693443033	14408	20412.667	Up	0.50259457888841	Zinc transporter ZIP10 OS=Mus musculus GN=Slc39a10 PE=1 SV=1
WIPF3	P0C7L0-2	5	5	48976	49496.2	59491	28065.6	56625.8	47187.2	51770	47519.2	86514.6	84094	0.202703371	0.693139028	48530.92	63417	Up	0.38596542151716	Isoform 2 of WAS/WASL-interacting protein family member 3 OS=Mus musculus GN=Wipf3
EXOC6	Q8R313	1	1	NA	1505	NA	1866	2530	3451	779	6944	5269	NA	0.203049498	0.692398079	1967	4110.75	Up	1.06340467779127	Exocyst complex component 6 OS=Mus musculus GN=Exoc6 PE=1 SV=2
EIF1	P48024	5	5	96573.25	80072	74530.25	77973.5	74950.5	69485.75	75990	14941.75	86189.25	61913.75	0.203163081	0.69215521	80819.9	61704.1	Down	-0.389344212355005	Eukaryotic translation initiation factor 1 OS=Mus musculus GN=Eif1 PE=2 SV=2
RPL29	P47915	11	11	99297.27	111701.91	178864.64	61947	89337.73	87892.27	105186.09	193176.73	153398.27	242612.55	0.203434052	0.69157635	108229.71	156453.18	Up	0.531634415005737	60S ribosomal protein L29 OS=Mus musculus GN=Rpl29 PE=2 SV=2
FDX1L	Q9CPW2	5	5	36766.8	32950.4	48879	25113.2	34048.6	34526.6	32661.2	56032.4	43170.8	79555.2	0.203602524	0.691216842	35551.6	49189.24	Up	0.468428275019469	Adrenodoxin-like protein, mitochondrial OS=Mus musculus GN=Fdx1l PE=2 SV=1
DENND1A	Q8K382	1	1	10647	12639	12673	14624	14880	20347	13912	NA	28729	NA	0.203667243	0.691078816	13092.6	20996	Up	0.681362878668173	DENN domain-containing protein 1A OS=Mus musculus GN=Dennd1a PE=1 SV=2
ARSB	P50429-2	1	1	39406	41486	80342	36453	35386	26535	39214	286120	69080	198540	0.203944217	0.690488604	46614.6	123897.8	Up	1.41029677802305	Isoform 2 of Arylsulfatase B OS=Mus musculus GN=Arsb
USP54	Q8BL06	2	2	4401	5206	NA	8376.5	5814.5	8259	8136	NA	6211	NA	0.203990847	0.690389319	5949.5	7535.3333	Up	0.340902903906313	Inactive ubiquitin carboxyl-terminal hydrolase 54 OS=Mus musculus GN=Usp54 PE=2 SV=2
ZNRF2	Q71FD5	2	2	5108	4399.5	7574	2742	4475	4606	5473	9209	8547.5	5039.5	0.204009288	0.69035006	4859.7	6575	Up	0.436123638572053	E3 ubiquitin-protein ligase ZNRF2 OS=Mus musculus GN=Znrf2 PE=1 SV=1
HOMER2	Q9QWW1	3	3	39305.67	42305	38535.67	31782.67	45271.33	35788.67	45408	38847	59137.33	52669.33	0.204119816	0.690114832	39440.068	46370.066	Up	0.233531741029033	Homer protein homolog 2 OS=Mus musculus GN=Homer2 PE=1 SV=1
WASF2	Q8BH43	2	2	10026.5	9862.5	5961	11313.5	11389	12233	10344	9988	13439.5	NA	0.204678889	0.688926948	9710.5	11501.125	Up	0.244157499495875	Wiskott-Aldrich syndrome protein family member 2 OS=Mus musculus GN=Wasf2 PE=1 SV=1
ARVCF	P98203-5	5	5	715.5	3308.5	NA	2193.5	4706	2989.5	4706.5	5320.5	3696	NA	0.20475406	0.688767478	2730.875	4178.125	Up	0.613492375891263	Isoform 5 of Armadillo repeat protein deleted in velo-cardio-facial syndrome homolog OS=Mus musculus GN=Arvcf
CADM1	Q8R5M8-3	7	7	39033.29	55127.57	44848	85439.43	60354.29	75333.57	85395.29	57451.86	58073.86	76454.71	0.205661703	0.686846573	56960.516	70541.858	Up	0.308517359765146	Isoform 3 of Cell adhesion molecule 1 OS=Mus musculus GN=Cadm1
GCAT	O88986	5	5	17555.75	20262.75	25825.5	19172.5	21238	23580	23846.75	37210.25	27954.25	17204	0.205816503	0.686519805	20810.9	25959.05	Up	0.318898229259103	2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial OS=Mus musculus GN=Gcat PE=1 SV=2
AAK1	Q3UHJ0	28	28	47220.48	45627.63	90086.19	35726.59	53936.15	48024.04	54385.59	172876.15	57684.15	257277.48	0.206096791	0.68592877	54519.408	118049.48	Up	1.11454990923835	AP2-associated protein kinase 1 OS=Mus musculus GN=Aak1 PE=1 SV=2
SHISA4	Q8CA71	1	1	23414	8501	19348	14335	15563	21556	13860	NA	32898	56493	0.206188079	0.685736448	16232.2	31201.75	Up	0.942768401178504	Protein shisa-4 OS=Mus musculus GN=Shisa4 PE=2 SV=1
AAK1	Q3UHJ0-2	27	27	48727.81	47161.46	93051.88	36833	55811.62	49536.5	56197.58	178876.81	59445	266221.92	0.206399788	0.685290753	56317.154	122055.56	Up	1.11589170536676	Isoform 2 of AP2-associated protein kinase 1 OS=Mus musculus GN=Aak1
MKRN2	Q9ERV1	1	1	20306	24363	14610	20814	19978	29966	22278	NA	46142	NA	0.206486026	0.685109335	20014.2	32795.333	Up	0.712466588730708	Probable E3 ubiquitin-protein ligase makorin-2 OS=Mus musculus GN=Mkrn2 PE=2 SV=2
GPHN	Q8BUV3	13	13	34679.31	38226.46	48006.92	31796	36064	38731	38746.08	48490.85	38035.38	57938.92	0.206927609	0.68418156	37754.538	44388.446	Up	0.233534138921317	Gephyrin OS=Mus musculus GN=Gphn PE=1 SV=2
CTNNA2	Q61301-3	24	24	26567.37	32124.58	42882.16	54008.68	34926.26	42517.16	42847.63	57337.95	39757.89	47660.32	0.207083282	0.68385496	38101.81	46024.19	Up	0.272532797601269	Isoform 3 of Catenin alpha-2 OS=Mus musculus GN=Ctnna2
MINOS1	Q7TNS2	1	1	52684	53779	94274	25748	48857	38796	46318	195447	70778	242102	0.207133113	0.683750467	55068.4	118688.2	Up	1.10787991210579	Mitochondrial inner membrane organizing system protein 1 OS=Mus musculus GN=Minos1 PE=2 SV=1
UBE2M	P61082	1	1	123423	110331	113670	143254	114550	118334	129733	65766	116957	69425	0.207327645	0.683342786	121045.6	100043	Down	-0.274930412886676	NEDD8-conjugating enzyme Ubc12 OS=Mus musculus GN=Ube2m PE=2 SV=1
PLXNA3	P70208-2	1	1	5580	4652	3359	8100	4718	6527	6155	5532	8980	NA	0.207955864	0.682028829	5281.8	6798.5	Up	0.364186796081174	Isoform 2 of Plexin-A3 OS=Mus musculus GN=Plxna3
TAOK1	Q5F2E8	3	3	8736.33	9247	8847.67	6753	9193	9671	10024.33	10129.67	13435.67	7247.33	0.208140884	0.681642606	8555.4	10101.6	Up	0.239676607317563	Serine/threonine-protein kinase TAO1 OS=Mus musculus GN=Taok1 PE=1 SV=1
MSN	P26041	4	4	71345.67	83433	83125.33	70499.67	81153	99253.33	62114.67	119109.33	84788.33	194893	0.208156803	0.68160939	77911.334	112031.73	Up	0.524002298884789	Moesin OS=Mus musculus GN=Msn PE=1 SV=3
FKBP2	P45878	6	6	67182.5	92842.5	97825.5	55522	66673.17	66789.17	71986.5	133643.5	89401.33	153454.17	0.208581772	0.680723648	76009.134	103054.93	Up	0.439168876571224	Peptidyl-prolyl cis-trans isomerase FKBP2 OS=Mus musculus GN=Fkbp2 PE=1 SV=1
CTPS	P70698	1	1	4964	6256	2550	7689	7103	8159	8525	6234	6104	NA	0.209321099	0.679186995	5712.4	7255.5	Up	0.344978033610698	CTP synthase 1 OS=Mus musculus GN=Ctps1 PE=1 SV=2
WWC2	Q6NXJ0	1	1	1064	1384	1186	4213	2755	2804	2812	5532	2526	NA	0.209517691	0.6787793	2120.4	3418.5	Up	0.689026979601043	Protein WWC2 OS=Mus musculus GN=Wwc2 PE=1 SV=1
TPP2	Q64514	5	5	27081.8	32153.4	67592.4	57245.6	42803.2	51110.2	50773.8	85797.6	39914.2	137558	0.209806745	0.678180553	45375.28	73030.76	Up	0.686597698501383	Tripeptidyl-peptidase 2 OS=Mus musculus GN=Tpp2 PE=1 SV=3
NFU1	Q9QZ23	4	4	31236	31063.67	19833.33	35937.33	23626.33	34770.33	25223.33	42671.67	32272	34193	0.209874209	0.678040928	28339.332	33826.066	Up	0.255329648038901	NFU1 iron-sulfur cluster scaffold homolog, mitochondrial OS=Mus musculus GN=Nfu1 PE=1 SV=2
LAP3	Q9CPY7	14	14	53669.29	52579.71	57324.5	42648.14	58865.93	56233.43	57471.43	64019.14	61904.43	50604.86	0.209903946	0.677979397	53017.514	58046.658	Up	0.130743983635889	Cytosol aminopeptidase OS=Mus musculus GN=Lap3 PE=1 SV=3
MRPL53	Q9D1H8	5	5	34874	39113.2	25658.4	26349.2	39298.4	39816	41635	35013.8	57910.4	29740.4	0.210243567	0.677277284	33058.64	40823.12	Up	0.304359073048224	39S ribosomal protein L53, mitochondrial OS=Mus musculus GN=Mrpl53 PE=2 SV=1
SEPT11	Q8C1B7-3	18	18	97669.56	104190.22	101486.61	111046.72	99917.28	103767.83	108153.44	135977.5	95636.5	128889.33	0.210278608	0.677204907	102862.08	114484.92	Up	0.154446374315657	Isoform 3 of Septin-11 OS=Mus musculus GN=Sept11
IDH3G	P70404	28	28	72082.54	71121.43	73558.89	59658.46	70043.43	67353.46	66771.11	54513.32	73052.61	51294.75	0.210453986	0.676842843	69292.95	62597.05	Down	-0.146613908090926	Isocitrate dehydrogenase [NAD] subunit gamma 1, mitochondrial OS=Mus musculus GN=Idh3g PE=1 SV=1
ATP6V1C1	Q9Z1G3	3	3	5565	6697.67	NA	15289.33	9129.67	13114.67	12500.33	NA	12236.67	NA	0.210521378	0.676703796	9170.4175	12617.223	Up	0.46033513024763	V-type proton ATPase subunit C 1 OS=Mus musculus GN=Atp6v1c1 PE=1 SV=4
SLC25A22	Q9D6M3	11	11	17826.73	18656.45	22686	32216.27	22281.27	26885.73	30903.82	31231.18	18656	29529.55	0.210687823	0.676360565	22733.344	27441.256	Up	0.27153660044242	Mitochondrial glutamate carrier 1 OS=Mus musculus GN=Slc25a22 PE=1 SV=1
PACSIN1	Q61644	74	74	61323.23	58254.77	65003.58	58687.79	66776.37	60997.48	59658.36	51475.89	57993.49	62519.32	0.210895147	0.675933413	62009.148	58528.908	Down	-0.0833317052103921	Protein kinase C and casein kinase substrate in neurons protein 1 OS=Mus musculus GN=Pacsin1 PE=1 SV=1
SCO2	Q8VCL2	2	2	12868.5	23277.5	16941.5	28428.5	16009	25902	24569	25864.5	19513	NA	0.210931894	0.675857748	19505	23962.125	Up	0.296911855967106	Protein SCO2 homolog, mitochondrial OS=Mus musculus GN=Sco2 PE=2 SV=1
EPN1	Q80VP1	5	5	32071.6	33091.6	64103.6	28601.2	34010.8	35534.4	39157	68265.2	48273.2	119666.2	0.210932491	0.675856518	38375.76	62179.2	Up	0.696236732887238	Epsin-1 OS=Mus musculus GN=Epn1 PE=1 SV=3
MRPL14	Q9D1I6	4	4	34547	37416.67	48048.67	13135.67	26424	27067.67	30265	80863.33	49122	49875.33	0.211287838	0.675125501	31914.402	47438.666	Up	0.571855825745565	39S ribosomal protein L14, mitochondrial OS=Mus musculus GN=Mrpl14 PE=2 SV=1
SYN2	Q64332-2	26	26	76507.92	81337.54	100999.08	65953.38	81783.19	78736.58	82085.62	114594.31	87871.58	162428.5	0.211415994	0.674862161	81316.222	105143.32	Up	0.370742074379392	Isoform IIb of Synapsin-2 OS=Mus musculus GN=Syn2
MOCS3	A2BDX3	1	1	5792	8333	3138	8794	7238	8157	7279	NA	9948	NA	0.211557324	0.674571936	6659	8461.3333	Up	0.345579480379324	Adenylyltransferase and sulfurtransferase MOCS3 OS=Mus musculus GN=Mocs3 PE=2 SV=1
VSTM2B	Q9JME9	1	1	5547	6260	NA	15111	7682	13716	11889	NA	10914	NA	0.211712234	0.674254045	8650	12173	Up	0.492912721952742	V-set and transmembrane domain-containing protein 2B OS=Mus musculus GN=Vstm2b PE=2 SV=1
ASNA1	O54984	3	3	29582.33	28077.33	35250.67	59247.67	35557.67	46312.67	41545.67	51137	34603.33	80324.33	0.212181377	0.673292736	37543.134	50784.6	Up	0.435841990755533	ATPase Asna1 OS=Mus musculus GN=Asna1 PE=1 SV=2
SHC3	Q61120	2	2	20881.5	22789	16311.5	13700	23116	22366.5	23705	NA	37444.5	NA	0.212483298	0.672675201	19359.6	27838.667	Up	0.52404097038615	SHC-transforming protein 3 OS=Mus musculus GN=Shc3 PE=1 SV=2
CTNND2	O35927	36	36	24515.89	29635.14	21922.78	28332.5	33049.92	35436.56	37495.14	27633.53	36876.83	23436.56	0.212516338	0.672607676	27491.246	32175.724	Up	0.227000315173327	Catenin delta-2 OS=Mus musculus GN=Ctnnd2 PE=1 SV=1
NUDT11	P0C028	1	1	17580	28312	13804	44742	21708	36037	20919	50702	38464	NA	0.212531153	0.672577401	25229.2	36530.5	Up	0.534007040075214	Diphosphoinositol polyphosphate phosphohydrolase 3-beta OS=Mus musculus GN=Nudt11 PE=1 SV=1
TMEM263	Q9DAM7	1	1	82072	61213	155873	12401	60561	31774	60573	296206	145220	219306	0.212803735	0.672020754	74424	150615.8	Up	1.01703328361751	UPF0444 transmembrane protein C12orf23 homolog OS=Mus musculus PE=2 SV=1
RAB3GAP1	Q80UJ7	2	2	30836	43880.5	57181	52062	47671	55048	47632.5	59927.5	51379.5	NA	0.213505293	0.670591355	46326.1	53496.875	Up	0.207629386441864	Rab3 GTPase-activating protein catalytic subunit OS=Mus musculus GN=Rab3gap1 PE=2 SV=4
2310022B05RIK	Q8C3W1	10	10	22127.89	21176.33	29680.44	15453	22317.67	22623.33	20429.22	51246.78	34372.56	25118.22	0.213528446	0.67054426	22151.066	30758.022	Up	0.473586599990816	Uncharacterized protein C1orf198 homolog OS=Mus musculus PE=2 SV=1
FARSB	Q9WUA2	1	1	NA	20703	NA	34568	20326	34739	50320	NA	NA	NA	0.215430496	0.666692819	25199	42529.5	Up	0.755097411167507	Phenylalanine--tRNA ligase beta subunit OS=Mus musculus GN=Farsb PE=2 SV=2
TRIM28	Q62318-2	3	3	39123.33	27971	30987	24085	33132	27739	29788	29859.67	27349.67	11887.67	0.215530635	0.666490992	31059.666	25324.802	Down	-0.294491326321763	Isoform 2 of Transcription intermediary factor 1-beta OS=Mus musculus GN=Trim28
CNNM2	Q3TWN3	1	1	1939	1235	NA	5753	2783	3422	4579	NA	6993	NA	0.215711535	0.666126632	2927.5	4998	Up	0.771681730698127	Metal transporter CNNM2 OS=Mus musculus GN=Cnnm2 PE=1 SV=3
ECHS1	Q8BH95	31	31	69905.74	77563.84	92796.19	63762.65	71091.16	71658.42	72331.55	113739.48	78511.19	124033.9	0.215937536	0.665671858	75023.916	92054.908	Up	0.295144073493866	Enoyl-CoA hydratase, mitochondrial OS=Mus musculus GN=Echs1 PE=1 SV=1
DNAJC7	Q9QYI3	1	1	4747	2896	5293	6017	5878	6649	6807	NA	13688	NA	0.215990439	0.665565474	4966.2	9048	Up	0.865456566081598	DnaJ homolog subfamily C member 7 OS=Mus musculus GN=Dnajc7 PE=1 SV=2
SHANK2	Q80Z38-3	36	36	81538.11	83763.08	78564.92	61430.31	84764.36	54182.39	72458.28	72434.33	81730.89	67569.17	0.216424414	0.664693749	78012.156	69675.012	Down	-0.163057599128059	Isoform 3 of SH3 and multiple ankyrin repeat domains protein 2 OS=Mus musculus GN=Shank2
GALNT1	O08912	1	1	9570	5318	14057	4860	7440	6613	6791	23543	10374	23163	0.216671353	0.664198505	8249	14096.8	Up	0.773076563567508	Polypeptide N-acetylgalactosaminyltransferase 1 OS=Mus musculus GN=Galnt1 PE=1 SV=1
PSMD9	Q9CR00	5	5	18599.2	16084	20909.4	17217.8	15584.2	16549.8	16007.4	23097.8	23783	37027.6	0.21667404	0.66419312	17678.92	23293.12	Up	0.397873750860054	26S proteasome non-ATPase regulatory subunit 9 OS=Mus musculus GN=Psmd9 PE=1 SV=1
PDHA2	P35487	1	1	145703	144808	181624	132070	148017	99659	166766	65431	132825	NA	0.217332249	0.662875825	150444.4	116170.25	Down	-0.372989749398486	Pyruvate dehydrogenase E1 component subunit alpha, testis-specific form, mitochondrial OS=Mus musculus GN=Pdha2 PE=2 SV=1
WARS2	Q9CYK1	3	3	11698.5	14290	2680	16516.5	13050	15021	13015.5	NA	20028	NA	0.218041686	0.661460469	11647	16021.5	Up	0.460050827643279	Tryptophan--tRNA ligase, mitochondrial OS=Mus musculus GN=Wars2 PE=2 SV=2
HSPB8	Q9JK92	1	1	2666	3635	1835	1110	2768	2912	2620	4112	2913	NA	0.218207867	0.661129596	2402.8	3139.25	Up	0.38570335621519	Heat shock protein beta-8 OS=Mus musculus GN=Hspb8 PE=1 SV=1
PAFAH1B2	Q61206	3	3	26517	26537.33	43160.33	26102	25754	37471.67	29944.67	35234.67	29296	55183.67	0.218223373	0.661098737	29614.132	37426.136	Up	0.33776030636013	Platelet-activating factor acetylhydrolase IB subunit beta OS=Mus musculus GN=Pafah1b2 PE=1 SV=2
TBC1D5	Q80XQ2	2	2	30325	26811.5	81151.5	15123.5	34834.5	28659	34980	111339.5	63802	247648.5	0.218308676	0.660929004	37649.2	97285.8	Up	1.36961003246669	TBC1 domain family member 5 OS=Mus musculus GN=Tbc1d5 PE=1 SV=2
CTNNA1	P26231	7	7	10507.6	15442	24460	25945.6	20138.8	20996.6	20038.2	32558.8	17821.4	43876.4	0.218692901	0.660165315	19298.8	27058.28	Up	0.487558991704521	Catenin alpha-1 OS=Mus musculus GN=Ctnna1 PE=1 SV=1
ZC3H4	Q6ZPZ3	3	3	20905	8717	NA	11205	19106	19585	14680	55990	27359	NA	0.218807358	0.659938079	14983.25	29403.5	Up	0.972637303140529	Zinc finger CCCH domain-containing protein 4 OS=Mus musculus GN=Zc3h4 PE=1 SV=2
CPE	Q00493	3	3	34040	34033.33	41435.67	26894.33	30743.67	30472.67	27239.67	50100.67	49913	85138	0.21890233	0.659749616	33429.4	48572.802	Up	0.53903125163675	Carboxypeptidase E OS=Mus musculus GN=Cpe PE=1 SV=2
PRKAR1B	P12849	8	8	74996.5	78568.88	52857.88	84520.88	71576.25	73462.5	75370.5	37318.25	68079.75	43508	0.219035082	0.65948632	72504.078	59547.8	Down	-0.284013933406559	cAMP-dependent protein kinase type I-beta regulatory subunit OS=Mus musculus GN=Prkar1b PE=2 SV=2
PDLIM4	P70271	1	1	6095	15362	10497	12108	12336	17668	11129	NA	23476	NA	0.219323786	0.658914267	11279.6	17424.333	Up	0.627387551239857	PDZ and LIM domain protein 4 OS=Mus musculus GN=Pdlim4 PE=1 SV=3
CELF2	Q9Z0H4-2	16	16	71565.25	67744.94	81209.69	49300.5	70248.5	58352.94	69729.12	95412.12	79728.56	99838.69	0.219486654	0.658591883	68013.776	80612.286	Up	0.245172744737085	Isoform 2 of CUGBP Elav-like family member 2 OS=Mus musculus GN=Celf2
SEPHS2	P97364	1	1	3061	4213	3464	2887	3449	6769	7478	4055	2530	NA	0.219544008	0.658478412	3414.8	5208	Up	0.608928364119273	Selenide, water dikinase 2 OS=Mus musculus GN=Sephs2 PE=1 SV=3
ALDOC	P05063	88	88	106604.3	100436.34	114786.31	68717.47	97566.22	87755.64	94826.94	133678.9	115895.34	164347.33	0.219578711	0.658409769	97622.128	119300.83	Up	0.289323974650178	Fructose-bisphosphate aldolase C OS=Mus musculus GN=Aldoc PE=1 SV=4
P4HTM	Q8BG58	1	1	528	1466	NA	2321	537	2468	1960	NA	1425	NA	0.219874714	0.657824713	1213	1951	Up	0.685634227488516	Transmembrane prolyl 4-hydroxylase OS=Mus musculus GN=P4htm PE=2 SV=1
NT5C3B	Q3UFY7	1	1	2339	2893	1483	3747	2372	5058	2365	NA	4512	NA	0.22053069	0.656530963	2566.8	3978.3333	Up	0.632193272249145	7-methylguanosine phosphate-specific 5'-nucleotidase OS=Mus musculus GN=Nt5c3b PE=2 SV=3
SYN2	Q64332	31	31	82183.97	87445.13	105019.74	71390.35	90484.06	83383.58	87128.71	118659.35	93429.71	158409.26	0.220650983	0.656294133	87304.65	108202.12	Up	0.309598391274995	Synapsin-2 OS=Mus musculus GN=Syn2 PE=1 SV=2
RASA3	Q60790	1	1	32839	60962	30634	84251	72146	78439	78708	67782	63071	NA	0.220919129	0.655766679	56166.4	72000	Up	0.358289570588569	Ras GTPase-activating protein 3 OS=Mus musculus GN=Rasa3 PE=1 SV=2
SEPT11	Q8C1B7	19	19	96703.16	102175.95	101666.26	107385.63	98284	100734.79	105950.21	134760.42	94144.21	129598.47	0.221197955	0.655218892	101243	113037.62	Up	0.158980832580793	Septin-11 OS=Mus musculus GN=Sept11 PE=1 SV=4
YBX1	P62960	7	7	8469.83	10231.67	3355	11811	8980.67	9794.67	10171.67	NA	14853.5	NA	0.221295615	0.655027192	8569.634	11606.613	Up	0.437641578194331	Nuclease-sensitive element-binding protein 1 OS=Mus musculus GN=Ybx1 PE=1 SV=3
HADHA	Q8BMS1	28	28	41082.57	47283.39	45815.93	42862.21	52485.54	46362.79	49390.82	52002.68	44310.46	60565.18	0.221446909	0.654730378	45905.928	50526.386	Up	0.13835652587698	Trifunctional enzyme subunit alpha, mitochondrial OS=Mus musculus GN=Hadha PE=1 SV=1
SLC12A6	Q924N4	3	3	20197	31658.67	20962	43096	38382.33	48021	48499.33	26331	38109	NA	0.221581131	0.654467226	30859.2	40240.083	Up	0.382932601270012	Solute carrier family 12 member 6 OS=Mus musculus GN=Slc12a6 PE=1 SV=2
SMARCA4	Q3TKT4	3	3	1538.33	2874.33	1038.33	2891.67	3073	3169.33	3770.67	NA	2341.67	NA	0.221877002	0.653887712	2283.132	3093.89	Up	0.43840763235145	Transcription activator BRG1 OS=Mus musculus GN=Smarca4 PE=1 SV=1
PFKP	Q9WUA3	17	17	35500.35	44173.12	43015.18	69626.94	49036.59	60947.65	61925.35	64882.53	41899.76	58839.88	0.222054889	0.65353966	48270.436	57699.034	Up	0.257407307500009	6-phosphofructokinase type C OS=Mus musculus GN=Pfkp PE=1 SV=1
MIF	P34884	15	15	22668.86	21949.93	31098.5	24339.5	24890.14	23745.79	21496.29	36171.14	30163	43368.14	0.222132703	0.653387499	24989.386	30988.872	Up	0.310434787324612	Macrophage migration inhibitory factor OS=Mus musculus GN=Mif PE=1 SV=2

MYL6	Q60605	12	12	50648	57910.25	46073.33	73539.5	56231.33	55040.83	57847.25	42218.75	53450.17	22875.42	0.222257651	0.65314328	56880.482	46286.484	Down	-0.297342713050525	Myosin light polypeptide 6 OS=Mus musculus GN=Myl6 PE=1 SV=3
TECPR1	Q80VP0	2	2	20541.5	40961	NA	31400.5	45613	51807	53993.5	NA	33934.5	NA	0.222284302	0.653091207	34629	46578.333	Up	0.427678291268582	Tectonin beta-propeller repeat-containing protein 1 OS=Mus musculus GN=Tecpr1 PE=2 SV=1
SORBS2	Q3UTJ2-5	8	8	32435.38	33174.75	59558.12	23732.88	33414.75	25494.62	30379.25	102709.62	48198.75	98005.12	0.222431418	0.652803869	36463.176	60957.472	Up	0.741362845434414	Isoform 5 of Sorbin and SH3 domain-containing protein 2 OS=Mus musculus GN=Sorbs2
SCG5	P12961	3	3	21514.33	20589.33	30852.67	13046	18887	15392	21348	36396.33	27962.67	52897.33	0.2224392	0.652788675	20977.866	30799.266	Up	0.554028044003141	Neuroendocrine protein 7B2 OS=Mus musculus GN=Scg5 PE=1 SV=1
NDUFV2	Q9D6J6-2	8	8	47325.5	50657.88	53864.5	61628.25	51080.88	54666.62	48297.88	79750.62	59831.88	61747.12	0.222492979	0.652683688	52911.402	60858.824	Up	0.201887810812607	Isoform 2 of NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial OS=Mus musculus GN=Ndufv2
SQSTM1	Q64337	1	1	15174	22016	18537	28219	22447	18408	19919	NA	14137	NA	0.222587987	0.652498278	21278.6	17488	Down	-0.283037927446908	Sequestosome-1 OS=Mus musculus GN=Sqstm1 PE=1 SV=1
OSBPL2	Q8BX94	1	1	22646	35865	104365	8459	30308	20486	27601	176147	61519	221119	0.222639832	0.652397135	40328.6	101374.4	Up	1.32981814682474	Oxysterol-binding protein-related protein 2 OS=Mus musculus GN=Osbpl2 PE=2 SV=1
MYL6	Q60605-2	15	15	41189.33	47280.6	37797.2	59941	46028.67	45128.53	47456	33775	43726.27	18300.33	0.222851076	0.651985264	46447.36	37677.226	Down	-0.30190384836924	Isoform Smooth muscle of Myosin light polypeptide 6 OS=Mus musculus GN=Myl6
HP1BP3	Q3TEA8-3	3	3	37542.67	27838	23271.33	20145	37284.67	30456	31484.67	49725.33	48212.67	26362	0.222929124	0.651833191	29216.334	37248.134	Up	0.350392990094363	Isoform 3 of Heterochromatin protein 1-binding protein 3 OS=Mus musculus GN=Hp1bp3
MOB4	Q6PEB6	3	3	2042	3655.67	2636	5913.67	3671.33	5581.33	3985.67	5318	3769.33	NA	0.222951675	0.651789261	3583.734	4663.5825	Up	0.379975080881021	MOB-like protein phocein OS=Mus musculus GN=Mob4 PE=1 SV=1
ATP5D	Q9D3D9	22	22	68413.09	76420.18	67670.64	57656.5	68622.23	65136.36	66802.14	92312.73	70131.18	115211.45	0.222959511	0.651773997	67756.528	81918.772	Up	0.27383413927985	ATP synthase subunit delta, mitochondrial OS=Mus musculus GN=Atp5d PE=1 SV=1
HYOU1	Q9JKR6	23	23	54730.1	62797.29	71046.52	59201.05	54425.57	60025.43	62614	77081.19	61312.62	70788.1	0.22334641	0.651021024	60440.106	66364.268	Up	0.134900480765177	Hypoxia up-regulated protein 1 OS=Mus musculus GN=Hyou1 PE=1 SV=1
NUMB	Q9QZS3-3	5	5	113949	115770.6	114671.8	61699	87144	90491	103131	111201.6	141814	149293	0.223589852	0.650547912	98646.88	119186.12	Up	0.272870907071947	Isoform 3 of Protein numb homolog OS=Mus musculus GN=Numb
MRPS36	Q9CQX8	10	10	214488.5	184316.8	304529.2	74878.6	126726	142027.5	160008	389644.9	274226.7	363295.3	0.224043595	0.649667468	180987.82	265840.48	Up	0.55466819203909	28S ribosomal protein S36, mitochondrial OS=Mus musculus GN=Mrps36 PE=1 SV=1
CENPV	Q9CXS4	13	13	44976.5	23473	8831.8	16090.7	31425.8	26485.9	20787	5837.9	14931	7306.3	0.224214981	0.649335373	24959.56	15069.62	Down	-0.727949463882802	Centromere protein V OS=Mus musculus GN=Cenpv PE=2 SV=2
FHIT	O89106	1	1	13713	17357	10768	17612	15825	16963	14153	18394	20901	NA	0.224484996	0.64881268	15055	17602.75	Up	0.225558124290932	Bis(5'-adenosyl)-triphosphatase OS=Mus musculus GN=Fhit PE=2 SV=3
IDH3A	Q9D6R2-2	18	18	93251.17	108807.72	97015.89	154660.67	97895.72	118605.5	113104.94	44088	98033.61	45895.56	0.224547768	0.648691258	110326.23	83945.522	Down	-0.394250610932072	Isoform 2 of Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial OS=Mus musculus GN=Idh3a
GLO1	Q9CPU0	3	3	19120.33	21830	23698	19503.67	32784	20741.33	22582	106539	31262.67	50708.33	0.224599872	0.648590496	23387.2	46366.666	Up	0.987368845931651	Lactoylglutathione lyase OS=Mus musculus GN=Glo1 PE=1 SV=3
COTL1	Q9CQI6	6	6	60007.83	66977.33	82785.17	84438.67	55637.17	71474.17	67010.83	90117.5	76578.5	121769.33	0.224654149	0.648485556	69969.234	85390.066	Up	0.287347543610603	Coactosin-like protein OS=Mus musculus GN=Cotl1 PE=1 SV=3
DYNC1LI2	Q6PDL0	6	6	19107.8	25471	26666.8	28331	24446	26986.8	31525.8	22578.6	28995.2	54399.2	0.225313991	0.647211841	24804.52	32897.12	Up	0.407358248343683	Cytoplasmic dynein 1 light intermediate chain 2 OS=Mus musculus GN=Dync1li2 PE=1 SV=2
TIMM10B	Q9WV96	5	5	78872.4	70502.4	105877.8	59271.6	75258.8	71624	60059	139074.6	100672.6	155028.4	0.226471969	0.644985545	77956.6	105291.72	Up	0.433648913852945	Mitochondrial import inner membrane translocase subunit Tim10 B OS=Mus musculus GN=Timm10b PE=2 SV=1
NOL3	Q9D1X0	6	6	7759.4	10182	3700.8	10451.6	8868.6	9220.2	7292.6	3575.8	7272	1019.2	0.227511215	0.642997191	8192.48	5675.96	Down	-0.529435823395451	Nucleolar protein 3 OS=Mus musculus GN=Nol3 PE=1 SV=1
JPH3	Q9ET77	2	2	10765.5	17156.5	8380	26268	21579	26225.5	24304.5	15488.5	22866.5	NA	0.227603205	0.642821627	16829.8	22221.25	Up	0.400921941916368	Junctophilin-3 OS=Mus musculus GN=Jph3 PE=1 SV=1
PRUNE1	Q8BIW1	3	3	14844	17759.33	14408.33	11913	14539.33	14543	16858	NA	22485.67	15873	0.227853954	0.642343431	14692.798	17439.918	Up	0.247284055993092	Protein prune homolog OS=Mus musculus GN=Prune PE=2 SV=1
HNRNPK	P61979-3	25	25	86121.36	76004.76	55946.48	64096.84	77293.2	68905.16	73945.6	49036.64	64610.48	58042.44	0.227856848	0.642337915	71892.528	62908.064	Down	-0.1925968711554	Isoform 3 of Heterogeneous nuclear ribonucleoprotein K OS=Mus musculus GN=Hnrnpk
HTRA1	Q9R118	1	1	34586	61212	38319	40811	32921	42451	48890	101869	55660	NA	0.227951224	0.642158072	41569.8	62217.5	Up	0.581784619305498	Serine protease HTRA1 OS=Mus musculus GN=Htra1 PE=1 SV=2
MYO18A	Q9JMH9-5	36	36	7699.03	12339.86	10538.46	22465.69	14304	19509.17	21077.6	15571.69	17079.09	13213.89	0.228095204	0.641883846	13469.408	17290.288	Up	0.360275456134588	Isoform 5 of Unconventional myosin-XVIIIa OS=Mus musculus GN=Myo18a
IPCEF1	Q5DU31	3	3	7080.67	7237.67	11822.33	4667.33	8175.67	7748	9138.67	7662.33	12026.67	12665.33	0.228127134	0.641823056	7796.734	9848.2	Up	0.336990145612896	Interactor protein for cytohesin exchange factors 1 OS=Mus musculus GN=Ipcef1 PE=2 SV=2
SPECC1L	Q2KN98	1	1	3040	4789	NA	14823	14799	13734	11316	NA	23366	NA	0.228615845	0.640893673	9362.75	16138.667	Up	0.785517150544359	Cytospin-A OS=Mus musculus GN=Specc1l PE=1 SV=1
FGF1	P61148	1	1	74692	70504	104790	29137	66284	66995	57801	140591	78776	185342	0.228658371	0.640812895	69081.4	105901	Up	0.616346986591398	Fibroblast growth factor 1 OS=Mus musculus GN=Fgf1 PE=2 SV=1
SPAST	Q9QYY8	1	1	43641	50115	44576	40682	46814	54579	45674	116582	42846	62123	0.228659705	0.640810361	45165.6	64360.8	Up	0.510957884449593	Spastin OS=Mus musculus GN=Spast PE=1 SV=3
EN2	P09066	1	1	295415	338490	388909	171348	238355	221383	288328	441196	422825	839459	0.22893829	0.640281566	286503.4	442638.2	Up	0.627575702278732	Homeobox protein engrailed-2 OS=Mus musculus GN=En2 PE=2 SV=2
RUNDC3A	O08576-3	1	1	40530	50975	35096	18912	63198	36321	52465	40892	70915	87339	0.229085312	0.640002756	41742.2	57586.4	Up	0.464221496157333	Isoform 3 of RUN domain-containing protein 3A OS=Mus musculus GN=Rundc3a
RPS2	P25444	10	10	84959.3	85824.9	102677.3	88415.2	86849.5	80162	86304.9	110700.5	106796.3	131092.2	0.229161597	0.63985816	89745.24	103011.18	Up	0.198893597413073	40S ribosomal protein S2 OS=Mus musculus GN=Rps2 PE=2 SV=3
TUBA4A	P68368	82	82	181713.84	216139.47	227302.21	251156.57	192347.86	232925.57	232153.28	235751.25	224174.3	231854.3	0.22926995	0.639652865	213731.99	231371.74	Up	0.114409805565396	Tubulin alpha-4A chain OS=Mus musculus GN=Tuba4a PE=1 SV=1
HIST1H1D	P43277	20	20	294026.6	159469.7	175064.1	84878	198409.85	130497.4	116478.35	151668.35	121034.4	150908.75	0.22931458	0.639568332	182369.65	134117.45	Down	-0.443368697554809	Histone H1.3 OS=Mus musculus GN=Hist1h1d PE=1 SV=2
ATP5A1	Q03265	175	175	109360.01	103381.69	116671.13	76516.81	88703.46	102077.24	94382.75	133537.67	101047.06	168420.56	0.229340946	0.6395184	98926.62	119893.06	Up	0.277317411999116	ATP synthase subunit alpha, mitochondrial OS=Mus musculus GN=Atp5a1 PE=1 SV=1
SLAIN1	Q68FF7	1	1	16909	20219	7644	10098	17148	16755	17003	10821	28898	24494	0.22957676	0.639072078	14403.6	19594.2	Up	0.443997230849109	SLAIN motif-containing protein 1 OS=Mus musculus GN=Slain1 PE=2 SV=1
APMAP	Q9D7N9	2	2	23327	37536	15327	36174	31050	37543	39845.5	29259.5	45966	26376.5	0.231466235	0.635512353	28682.8	35798.1	Up	0.319697151790707	Adipocyte plasma membrane-associated protein OS=Mus musculus GN=Apmap PE=1 SV=1
GSK3A	Q2NL51	4	4	9659	13302.75	4798.25	30163	19840.75	27340.5	28812	21825.25	21089	12947.25	0.231797014	0.634892162	15552.75	22402.8	Up	0.52650936110049	Glycogen synthase kinase-3 alpha OS=Mus musculus GN=Gsk3a PE=1 SV=2
SRGAP2	Q91Z67	8	8	22916.75	33932.88	42116.75	25274.38	32459.75	29750.75	36021.25	46940.88	34758.12	95956.12	0.231975721	0.634557466	31340.102	48685.424	Up	0.635480031146732	SLIT-ROBO Rho GTPase-activating protein 2 OS=Mus musculus GN=Srgap2 PE=1 SV=2
FAHD2A	Q3TC72	4	4	30661.75	28767.5	35679.5	17106.25	28862.25	25581.75	31568	36551.25	33956.5	69368.5	0.232576682	0.63343383	28215.45	39405.2	Up	0.481900664680898	Fumarylacetoacetate hydrolase domain-containing protein 2A OS=Mus musculus GN=Fahd2 PE=1 SV=1
NDUFA6	Q9CQZ5	12	12	69783.33	69648.08	68980.17	67384.58	67201.42	69455.17	68375.58	55475	69892.92	45177.25	0.232605662	0.633379718	68599.516	61675.184	Down	-0.153508282953432	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6 OS=Mus musculus GN=Ndufa6 PE=1 SV=1
LYRM4	Q8K215	3	3	128373.67	109951	122837.33	77841.67	104777.33	110431	93079.33	168538.67	133738.67	140160.67	0.232732198	0.63314353	108756.2	129189.67	Up	0.248393045663867	LYR motif-containing protein 4 OS=Mus musculus GN=Lyrm4 PE=1 SV=1
MAP7	O88735-2	3	3	91704.33	70816.33	133067.33	53705.67	85192	85778.67	72065.67	139655	121488.67	270264.33	0.232805968	0.633005891	86897.132	137850.47	Up	0.665723697831905	Isoform 2 of Ensconsin OS=Mus musculus GN=Map7
MBP	P04370-5	56	56	1046832.9	843881.27	990346.98	398252.73	874101.41	637518.55	419284.95	744254.02	550458.38	890697.34	0.232814866	0.632989292	830683.06	648442.65	Down	-0.357319161134409	Isoform 5 of Myelin basic protein OS=Mus musculus GN=Mbp
PCYOX1	Q9CQF9	1	1	46156	47395	74824	32380	35630	49210	43360	195822	92809	56810	0.233329605	0.632030155	47277	87602.2	Up	0.889828610391147	Prenylcysteine oxidase OS=Mus musculus GN=Pcyox1 PE=1 SV=1
ALDH1A1	P24549	2	2	28927	43454	76006	43932.5	45529	56776.5	49848	63546.5	47783.5	88734.5	0.23355188	0.631616633	47569.7	61337.8	Up	0.366733495535793	Retinal dehydrogenase 1 OS=Mus musculus GN=Aldh1a1 PE=1 SV=5
ARPP21	Q9DCB4-2	6	6	52657.67	47195.33	66316.83	20837	46283.5	36837	43346.5	71546.67	70350.5	119258.83	0.233661141	0.631413507	46658.066	68267.9	Up	0.549080865447623	Isoform 2 of cAMP-regulated phosphoprotein 21 OS=Mus musculus GN=Arpp21
LYSMD1	Q9D0E3	6	6	48568.83	47632.17	64278.83	30286.67	37042.17	39638.5	44102.33	85472.67	67049.83	57089.5	0.234022815	0.6307418	45561.734	58670.566	Up	0.364814255335894	LysM and putative peptidoglycan-binding domain-containing protein 1 OS=Mus musculus GN=Lysmd1 PE=2 SV=1
FAM221A	Q8C790	1	1	7938	7281	11125	5888	6905	8311	7356	11433	11527	NA	0.234381095	0.63007742	7827.4	9656.75	Up	0.303004556488814	Protein FAM221A OS=Mus musculus GN=Fam221a PE=2 SV=1
ATXN2L	Q7TQH0-3	10	10	24113.4	31294.7	27498.7	27934	25870.9	28609.1	30080.8	32856	38190.4	24217.7	0.234412527	0.630019184	27342.34	30790.8	Up	0.171362635350706	Isoform 3 of Ataxin-2-like protein OS=Mus musculus GN=Atxn2l
PTPRD	Q64487-11	5	5	47171.2	49718.6	61087.2	28758.6	46351	47474.4	56753.4	73954.8	62099.4	41941.8	0.23459152	0.629687692	46617.32	56444.76	Up	0.275973588647577	Isoform K of Receptor-type tyrosine-protein phosphatase delta OS=Mus musculus GN=Ptprd
ARHGAP35	Q91YM2	1	1	4162	5959	3734	14399	5351	10599	8910	NA	8998	NA	0.234964826	0.628997146	6721	9502.3333	Up	0.49960591229097	Rho GTPase-activating protein 35 OS=Mus musculus GN=Arhgap35 PE=1 SV=3
PPIB	P24369	5	5	196214.4	228449.4	123491.6	339738.2	174193.2	175861	209590.4	144312.4	169321.6	93093	0.23499938	0.628933283	212417.36	158435.68	Down	-0.423004406987561	Peptidyl-prolyl cis-trans isomerase B OS=Mus musculus GN=Ppib PE=1 SV=2
SYN3	Q8JZP2	2	2	48424	45161.5	71749	22967.5	44825	37528	33830.5	110551.5	66368	100873	0.236080885	0.626939176	46625.4	69830.2	Up	0.582735002413797	Synapsin-3 OS=Mus musculus GN=Syn3 PE=1 SV=2
GSTM1	P10649	3	3	34333	31749.67	31572.33	33672.67	29514.67	33047.67	31858.33	57904.67	34581.67	37235.67	0.236351319	0.62644197	32168.468	38925.602	Up	0.275072121012749	Glutathione S-transferase Mu 1 OS=Mus musculus GN=Gstm1 PE=1 SV=2
PPA2	Q91VM9	10	10	47904.67	55520	52849.11	55732.33	47859.56	50019.22	54321.11	69575.67	56332.78	120835.33	0.236353326	0.626438282	51973.134	70216.822	Up	0.434050644897769	Inorganic pyrophosphatase 2, mitochondrial OS=Mus musculus GN=Ppa2 PE=1 SV=1
MRPS34	Q9JIK9	2	2	45376.5	48481	55864.5	20958	37498.5	32543	39047.5	69002	55996	99631	0.236390158	0.626370609	41635.7	59243.9	Up	0.508845536267741	28S ribosomal protein S34, mitochondrial OS=Mus musculus GN=Mrps34 PE=2 SV=1
GM7426	P02301	16	16	79373.2	39440.27	45815.93	28599.67	54754.53	30043.67	31930.87	45460.87	29343.07	48460.73	0.237035744	0.62518616	49596.72	37047.842	Down	-0.420855204005342	Histone H3.3C OS=Mus musculus GN=H3f3c PE=3 SV=3
SNX16	Q8C080	1	1	5432	7255	10584	9337	15653	8551	6281	NA	6590	NA	0.237328466	0.624650169	9652.2	7140.6667	Down	-0.434799036078295	Sorting nexin-16 OS=Mus musculus GN=Snx16 PE=1 SV=2
LDHB	P16125	13	13	61820.62	68435.77	73388.77	84033.69	67553.15	82467.15	78259.31	100530.31	55051.46	98901.15	0.237344697	0.624620467	71046.4	83041.876	Up	0.225077487644665	L-lactate dehydrogenase B chain OS=Mus musculus GN=Ldhb PE=1 SV=2
VHL	P40338	2	2	9488	10745	10709	6979	7735	10430	10649	6659	13394	16113	0.237660466	0.624043055	9131.2	11449	Up	0.326345220013206	Von Hippel-Lindau disease tumor suppressor OS=Mus musculus GN=Vhl PE=1 SV=1
CYCS	P62897	18	18	68898.56	65613.39	58611.5	95785.22	60066.83	84433.33	80914.67	76387.22	75069.94	79463.06	0.238514555	0.622485114	69795.1	79253.644	Up	0.183351515531082	Cytochrome c, somatic OS=Mus musculus GN=Cycs PE=1 SV=2
FRMD4A	Q8BIE6	5	5	29972.4	33536.6	41286.8	56593	41414.4	49022.8	57748.2	34664.6	57935	NA	0.238533571	0.622450491	40560.64	49842.65	Up	0.297300358045985	FERM domain-containing protein 4A OS=Mus musculus GN=Frmd4a PE=1 SV=2
REXO2	Q9D8S4	5	5	78273	74494	94056.2	42626.6	75934.4	65014.4	72887.8	122112.4	98243.4	90588	0.238744528	0.622066574	73076.84	89769.2	Up	0.296806288109338	Oligoribonuclease, mitochondrial OS=Mus musculus GN=Rexo2 PE=1 SV=2
TMEM55B	Q3TWL2	1	1	10650	17069	24738	12023	15681	20813	18362	68280	25688	NA	0.239594061	0.620523951	16032.2	33285.75	Up	1.05393226443841	Type 1 phosphatidylinositol 4,5-bisphosphate 4-phosphatase OS=Mus musculus GN=Tmem55b PE=1 SV=1
CABLES1	Q9ESJ1	3	3	3445	4873.67	4616.67	2869.33	5398.33	4792.67	4598	NA	6636.33	NA	0.239759263	0.620224606	4240.6	5342.3333	Up	0.333201590015039	CDK5 and ABL1 enzyme substrate 1 OS=Mus musculus GN=Cables1 PE=1 SV=2
NAA10	Q9QY36	4	4	40515.75	47416.25	29460.75	38240.25	43939.5	37427.75	39463.5	6952.75	45566.75	18022	0.239981647	0.619821971	39914.5	29486.55	Down	-0.436855905526339	N-alpha-acetyltransferase 10 OS=Mus musculus GN=Naa10 PE=1 SV=1
MBP	P04370-4	56	56	1075087	866693.86	1008782	402741.09	897668.14	647864.52	430945.8	763463.88	565374.11	918331	0.240043533	0.61970999	850194.41	665195.86	Down	-0.354013586078774	Isoform 4 of Myelin basic protein OS=Mus musculus GN=Mbp
LMNA	P48678	14	14	44877.71	21543.36	26747.93	18170.79	27326.14	27625.86	22474.79	20284.57	25272.93	1146.43	0.240098559	0.619610446	27733.186	19360.916	Down	-0.518466152565009	Prelamin-A/C OS=Mus musculus GN=Lmna PE=1 SV=2
FDX1L	Q9CPW2-2	1	1	119131	102278	144648	59945	92093	79774	88732	250490	116554	298342	0.240613312	0.618680348	103619	166778.4	Up	0.686643887173315	Isoform 2 of Adrenodoxin-like protein, mitochondrial OS=Mus musculus GN=Fdx1l
RPS7	P62082	12	12	103621.58	108935.92	124861.25	90830.83	92927.5	91283.83	97536.92	176779.33	124228	142214.83	0.240765219	0.618406252	104235.42	126408.58	Up	0.278248868318877	40S ribosomal protein S7 OS=Mus musculus GN=Rps7 PE=2 SV=1
CBS	Q91WT9	3	3	25287.5	34656	32526.5	66602.5	32542	61735.5	44056	71136	61600	23606.5	0.24098993	0.618001105	38322.9	52426.8	Up	0.452097752130078	Cystathionine beta-synthase OS=Mus musculus GN=Cbs PE=2 SV=3
MMAB	Q9D273	1	1	267709	286598	435900	42340	216361	141004	205800	755038	355311	1314688	0.241216982	0.617592121	249781.6	554368.2	Up	1.15017729745046	Cob(I)yrinic acid a,c-diamide adenosyltransferase, mitochondrial OS=Mus musculus GN=Mmab PE=1 SV=1
VDAC2	Q60930	46	46	56734.83	57064.5	72651.8	55768.2	66706.04	57512.76	62697.2	76120.15	66711.2	101579.74	0.241651935	0.616809722	61785.074	72924.21	Up	0.239139497410069	Voltage-dependent anion-selective channel protein 2 OS=Mus musculus GN=Vdac2 PE=1 SV=2
COQ7	P97478	1	1	21881	23977	NA	17403	29773	21228	38641	NA	48149	NA	0.242138901	0.615935433	23258.5	36006	Up	0.630479278965592	Ubiquinone biosynthesis protein COQ7 homolog OS=Mus musculus GN=Coq7 PE=2 SV=3
LRPPRC	Q6PB66	1	1	48816	53210	75196	29833	55049	54918	54277	68320	100668	NA	0.242302623	0.615641884	52420.8	69545.75	Up	0.40782298216572	Leucine-rich PPR motif-containing protein, mitochondrial OS=Mus musculus GN=Lrpprc PE=1 SV=2
RPS21	Q9CQR2	9	9	71746.67	78471.44	123285.78	42076.22	69328	67283.56	70900.89	114873.22	117439.44	131501.78	0.242431613	0.615410749	76981.622	100399.78	Up	0.383170105148132	40S ribosomal protein S21 OS=Mus musculus GN=Rps21 PE=2 SV=1
ATP5G3	P56384	1	1	28529	66588	65210	76994	58632	66066	88272	78758	57885	67511	0.242542902	0.61521143	59190.6	71698.4	Up	0.276572843448332	ATP synthase F(0) complex subunit C3, mitochondrial OS=Mus musculus GN=Atp5g3 PE=2 SV=1
MAT2A	Q3THS6	1	1	81185	118500	74460	108207	78141	101408	86795	32724	85636	57520	0.242654961	0.615010824	92098.6	72816.6	Down	-0.338911846831334	S-adenosylmethionine synthase isoform type-2 OS=Mus musculus GN=Mat2a PE=2 SV=2
PRICKLE1	Q3U5C7	3	3	4077.67	6823.33	7087.33	10090	9359	11228.33	11487	4907	14732.67	NA	0.242693737	0.614941432	7487.466	10588.75	Up	0.499982837633279	Prickle-like protein 1 OS=Mus musculus GN=Prickle1 PE=2 SV=1
MYO18A	Q9JMH9-4	39	39	9323.47	14456.58	12043.13	23207.55	16772.18	21458.24	23205.71	16115.76	19049.66	14299.92	0.242699423	0.614931256	15160.582	18825.858	Up	0.312390479873263	Isoform 4 of Unconventional myosin-XVIIIa OS=Mus musculus GN=Myo18a
DOCK4	P59764	1	1	NA	NA	NA	7025	2677	9098	10448	NA	NA	NA	0.242787973	0.61477283	4851	9773	Up	1.01051931211461	Dedicator of cytokinesis protein 4 OS=Mus musculus GN=Dock4 PE=1 SV=1
NDUFA2	Q9CQ75	20	20	141912.5	127128.95	151711.35	88032.15	122064.95	115779.95	116246.55	223729.6	153349	167975.95	0.243646192	0.613240372	126169.98	155416.21	Up	0.300768299102124	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 OS=Mus musculus GN=Ndufa2 PE=1 SV=3
HSP90AA1	P07901	40	40	39349.44	44909.97	46775.79	49058.79	45570.03	48951.91	45690.18	37250.62	36930.76	37884.5	0.243890381	0.612805328	45132.804	41341.594	Down	-0.12658239719072	Heat shock protein HSP 90-alpha OS=Mus musculus GN=Hsp90aa1 PE=1 SV=4
THRAP3	Q569Z6	2	2	82471	44733.5	30359.5	33338.5	67677	54580.5	44285	8772.5	51802.5	8101	0.244190587	0.612271082	51715.9	33508.3	Down	-0.626089408695261	Thyroid hormone receptor-associated protein 3 OS=Mus musculus GN=Thrap3 PE=1 SV=1
EIF4A1	P60843	9	9	34808.33	43224.89	50472.44	25963.11	33430.33	32917	39746.56	49019.56	47909.11	53629.78	0.244250476	0.612164581	37579.82	44644.402	Up	0.248521129367074	Eukaryotic initiation factor 4A-I OS=Mus musculus GN=Eif4a1 PE=1 SV=1
IDH3A	Q9D6R2	25	25	120439	133388.64	115199.16	179383.12	122028.36	139990.24	134505.28	80356.52	118960.2	93154.92	0.244414906	0.611872312	134087.66	113393.43	Down	-0.241839351437347	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial OS=Mus musculus GN=Idh3a PE=1 SV=1
COA3	Q9D2R6	3	3	13659	14580.67	20627	9072.67	10212.33	9506.67	11592.67	30036.33	18524.33	29252.67	0.245296637	0.610308406	13630.334	19782.534	Up	0.537406322150055	Cytochrome c oxidase assembly factor 3 homolog, mitochondrial OS=Mus musculus GN=Coa3 PE=2 SV=1
VAMP3	P63024	1	1	896	1859	NA	5356	2153	3703	4242	NA	NA	NA	0.245408489	0.610110419	2566	3972.5	Up	0.630526049146199	Vesicle-associated membrane protein 3 OS=Mus musculus GN=Vamp3 PE=1 SV=1
RPS25	P62852	7	7	353954.14	375927.14	330350.71	193367.14	321491.29	245205.71	327565	466441.86	426904.86	436074.43	0.245774817	0.609462619	315018.08	380438.37	Up	0.272228116827105	40S ribosomal protein S25 OS=Mus musculus GN=Rps25 PE=1 SV=1
DAB2IP	Q3UHC7-4	6	6	45630	51883.33	74424.67	26577	58057.83	43281.67	59975.67	67383.33	62043.5	114240.67	0.24596982	0.609118177	51314.566	69384.968	Up	0.435254738955249	Isoform 4 of Disabled homolog 2-interacting protein OS=Mus musculus GN=Dab2ip
EXOC8	Q6PGF7	3	3	15081	26838.33	3822.67	31635.33	30648.33	39829	29887.67	23361	20163.67	35710	0.246080858	0.608922168	21605.132	29790.268	Up	0.463467057127221	Exocyst complex component 8 OS=Mus musculus GN=Exoc8 PE=1 SV=1
FECH	P22315	7	7	53028.71	41941.14	79764.29	33233.29	46687.71	40948	48156.14	98377.29	58423.57	140798.14	0.246425374	0.608314575	50931.028	77340.628	Up	0.602681641925617	Ferrochelatase, mitochondrial OS=Mus musculus GN=Fech PE=1 SV=2
SHANK2	Q80Z38	42	42	72667.62	74546.1	72367.64	54495.4	75753.29	48826.26	64302.98	66686.21	74081.48	60211.74	0.246801766	0.607651737	69966.01	62821.734	Down	-0.155390455749865	SH3 and multiple ankyrin repeat domains protein 2 OS=Mus musculus GN=Shank2 PE=1 SV=2
PTPRT	Q99M80-3	1	1	38081	51084	38642	27014	38453	62857	35208	74522	37972	NA	0.247456895	0.606500441	38654.8	52639.75	Up	0.445505063920273	Isoform 3 of Receptor-type tyrosine-protein phosphatase T OS=Mus musculus GN=Ptprt
SUGT1	Q9CX34	13	13	18992.83	18109	39570.67	8496.58	18803.17	14908.33	15076.25	52283.58	28915.67	76624.5	0.247885481	0.60574891	20794.45	37561.666	Up	0.853062526196387	Suppressor of G2 allele of SKP1 homolog OS=Mus musculus GN=Sugt1 PE=2 SV=3
CLTA	O08585	11	11	125172.73	96387.91	177180.09	130204.91	119256.82	115548.27	103739.82	236276.82	153699.18	269498.45	0.248366004	0.604907851	129640.49	175752.51	Up	0.439028875833105	Clathrin light chain A OS=Mus musculus GN=Clta PE=1 SV=2
PPA2	Q91VM9-2	7	7	50847.14	60578.14	64848.71	54874.57	50944.29	54136.14	57569.86	81496.71	61581.14	154571.86	0.248382411	0.604879162	56418.57	81871.142	Up	0.537184919807651	Isoform 2 of Inorganic pyrophosphatase 2, mitochondrial OS=Mus musculus GN=Ppa2
SYT1	P46096	14	14	35304.21	55252.79	66869.71	116729.57	44071.29	72096.5	68840	106937.86	57782.79	153758.79	0.248411352	0.604828561	63645.514	91883.188	Up	0.529742083084219	Synaptotagmin-1 OS=Mus musculus GN=Syt1 PE=1 SV=1
ATXN2L	Q7TQH0	9	9	25683.44	33955.11	28528.44	30593.78	27842.11	30945.22	32775.67	32012.89	40850	26908.56	0.248497641	0.60467773	29320.576	32698.468	Up	0.157309598296159	Ataxin-2-like protein OS=Mus musculus GN=Atxn2l PE=1 SV=1

SARS	P26638	5	5	76590.33	64234	39653.33	138515.67	107643	122489.67	108846.33	86663	103488	125387	0.249516115	0.6029014	85327.266	109374.8	Up	0.358201650886018	Serine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Sars PE=2 SV=3
SH3GLB1	Q9JK48	10	10	39485.6	39227.9	48859.1	27678.5	43337.2	35986.9	40473.4	56610.7	45819.1	103697	0.24958887	0.602774785	39717.66	56517.42	Up	0.508914980908142	Endophilin-B1 OS=Mus musculus GN=Sh3glb1 PE=1 SV=1
FKBP1A	P26883	4	4	42613.67	30303.67	52214.67	28374	33566	31750.67	30766	95911.67	36390	116140.33	0.249589117	0.602774356	37414.402	62191.734	Up	0.73312912576913	Peptidyl-prolyl cis-trans isomerase FKBP1A OS=Mus musculus GN=Fkbp1a PE=1 SV=2
ENDOG	O08600	1	1	5674	3581	NA	3307	3004	3080	3628	NA	1487	NA	0.249653123	0.602662996	3891.5	2731.6667	Down	-0.510544908519638	Endonuclease G, mitochondrial OS=Mus musculus GN=Endog PE=2 SV=1
PPP1R7	Q3UM45	9	9	103072.56	94256.67	123824.33	46686.56	101730.44	75881	79377.89	175727.33	117285.11	210716.67	0.249730733	0.602528008	93914.112	131797.6	Up	0.488910233694587	Protein phosphatase 1 regulatory subunit 7 OS=Mus musculus GN=Ppp1r7 PE=1 SV=2
GDAP1	O88741-2	1	1	4861	7599	NA	22718	18089	18536	20188	NA	NA	NA	0.249995607	0.602067623	13316.75	19362	Up	0.539985953125634	Isoform 2 of Ganglioside-induced differentiation-associated protein 1 OS=Mus musculus GN=Gdap1
PSAP	Q61207	3	3	22845.67	22280.33	60871.67	11728.33	19376	20500	18290.67	90811.33	33177.33	149796.67	0.250033091	0.602002511	27420.4	62515.2	Up	1.18895739370744	Sulfated glycoprotein 1 OS=Mus musculus GN=Psap PE=1 SV=2
GCLM	O09172	1	1	74915	90279	118053	40314	74194	60359	81417	89440	151635	229157	0.250203409	0.601706777	79551	122401.6	Up	0.621670445409707	Glutamate--cysteine ligase regulatory subunit OS=Mus musculus GN=Gclm PE=2 SV=1
NDRG2	Q9QYG0	6	6	20173.83	20881.17	27972.83	31944.33	20060	24201.67	27456.33	35619.5	20536.17	44580.33	0.250369784	0.601418085	24206.432	30478.8	Up	0.332415659263809	Protein NDRG2 OS=Mus musculus GN=Ndrg2 PE=1 SV=1
BPNT1	Q9Z0S1	2	2	41481	47818	52070	58280.5	52094.5	70038	57646.5	68328.5	63019	35986.5	0.25041176	0.60134528	50348.8	59003.7	Up	0.228848031904199	3'(2'),5'-bisphosphate nucleotidase 1 OS=Mus musculus GN=Bpnt1 PE=1 SV=2
ATP6V1A	P50516-2	35	35	88803.47	96407.38	96788.62	89026.76	84770.62	101182.29	98311.97	122630.76	77607.79	105586.53	0.250798971	0.600674249	91159.37	101063.87	Up	0.148804442820844	Isoform 2 of V-type proton ATPase catalytic subunit A OS=Mus musculus GN=Atp6v1a
LRRC47	Q505F5	4	4	36932.5	46355.75	13862.75	38732	42335.75	43995	38897.5	NA	48291.5	NA	0.250807188	0.600660021	35643.75	43728	Up	0.294908237378774	Leucine-rich repeat-containing protein 47 OS=Mus musculus GN=Lrrc47 PE=2 SV=1
MARK3	Q03141-2	7	7	20449.43	22105.14	32000.71	17259.86	24574.43	23372.86	25004.43	54292.57	39052.71	19306.86	0.251025434	0.600282273	23277.914	32205.886	Up	0.468362601686839	Isoform 2 of MAP/microtubule affinity-regulating kinase 3 OS=Mus musculus GN=Mark3
MAPRE1	Q61166	13	13	60909.15	71321.46	66195.54	62949	59800.85	62269.46	70698.15	113136.23	66313.54	71298.77	0.251223416	0.599939883	64235.2	76743.23	Up	0.256675396007289	Microtubule-associated protein RP/EB family member 1 OS=Mus musculus GN=Mapre1 PE=1 SV=3
POLR2M	Q6P6I6	1	1	6783	3364	NA	7439	8356	11858	6749	NA	21787	NA	0.251234466	0.599920781	6485.5	13464.667	Up	1.05388880616866	DNA-directed RNA polymerase II subunit GRINL1A OS=Mus musculus GN=Polr2m PE=2 SV=2
PEX14	Q9R0A0	1	1	3391	4145	1436	9571	4019	7948	5849	2790	8131	8570	0.251629421	0.599238582	4512.4	6657.6	Up	0.561107232930995	Peroxisomal membrane protein PEX14 OS=Mus musculus GN=Pex14 PE=1 SV=1
DAB2IP	Q3UHC7-3	5	5	18477	25801	32422.4	17113	29503.2	27887.8	36884	24481.6	37773.8	22932.2	0.252240559	0.59818508	24663.32	29991.88	Up	0.282204940291366	Isoform 3 of Disabled homolog 2-interacting protein OS=Mus musculus GN=Dab2ip
RPL18A	P62717	9	9	105594.78	136411	105092.56	101633.44	101852.33	92537.11	118199.33	85406.11	115840.78	54649.89	0.252558743	0.597637593	110116.82	93326.644	Down	-0.238673956365503	60S ribosomal protein L18a OS=Mus musculus GN=Rpl18a PE=1 SV=1
FAM134A	Q6NS82-3	2	2	634	1731	3054	2707.5	2306.5	3169	2858	3088.5	1186	8006	0.252761894	0.597288399	2086.6	3661.5	Up	0.811280732633122	Isoform 3 of Protein FAM134A OS=Mus musculus GN=Fam134a
PDDC1	Q8BFQ8	5	5	51564.6	35313.2	61411.6	19261.6	35883.6	28706.2	33271.2	101758	56157	211781	0.253153281	0.59661644	40686.92	86334.68	Up	1.0853751231921	Parkinson disease 7 domain-containing protein 1 OS=Mus musculus GN=Pddc1 PE=1 SV=1
RNF20	Q5DTM8	1	1	23454	18172	NA	20082	18089	18918	26576	NA	31307	NA	0.25335392	0.596272372	19949.25	25600.333	Up	0.359828086422219	E3 ubiquitin-protein ligase BRE1A OS=Mus musculus GN=Rnf20 PE=2 SV=2
SPEG	Q62407-4	5	5	11632.8	11668	1048.2	18851.6	17270.2	21835.6	20293.4	11656.6	16524.6	13177.6	0.253572614	0.595897652	12094.16	16697.56	Up	0.465326727923428	Isoform 4 of Striated muscle-specific serine/threonine-protein kinase OS=Mus musculus GN=Speg
KCNA1	P16388	3	3	662.67	1989.67	448.67	3236.33	2916	3735	3527.33	NA	1668.33	NA	0.253848933	0.595424657	1850.668	2976.8867	Up	0.685758191042051	Potassium voltage-gated channel subfamily A member 1 OS=Mus musculus GN=Kcna1 PE=1 SV=1
RAB7	P51150	4	4	25176.25	33008	40940.75	41409.25	30599.75	39019.25	37448.5	50016.25	37656	139301.25	0.253974192	0.595210413	34226.8	60688.25	Up	0.826290804473437	Ras-related protein Rab-7a OS=Mus musculus GN=Rab7a PE=1 SV=2
AIFM1	Q9Z0X1	15	15	43417.73	46555.27	48696.67	60348	51735.73	60157.67	55090.4	69076.8	53806.13	43853.67	0.254093128	0.59500708	50150.68	56396.934	Up	0.169347470462706	Apoptosis-inducing factor 1, mitochondrial OS=Mus musculus GN=Aifm1 PE=1 SV=1
PPP1R21	Q3TDD9-3	3	3	10543.67	12458.33	NA	15832.33	14722.67	19561.33	17672.67	17482.67	10634	NA	0.254430706	0.594430477	13389.25	16337.668	Up	0.287126876918812	Isoform 3 of Protein phosphatase 1 regulatory subunit 21 OS=Mus musculus GN=Ppp1r21
NOVA1	Q9JKN6	2	2	44236	51249.5	27344.5	30464.5	50178.5	45807.5	44260	NA	54195.5	NA	0.254700655	0.593969938	40694.6	48087.667	Up	0.240829557047862	RNA-binding protein Nova-1 OS=Mus musculus GN=Nova1 PE=1 SV=2
PFN2	Q9JJV2	34	34	170254.7	155969.82	259202.27	116196.88	159182.45	160020.09	168655.15	233317.36	209141.03	308477.64	0.255015557	0.593433325	172161.22	215922.25	Up	0.326751702156859	Profilin-2 OS=Mus musculus GN=Pfn2 PE=1 SV=3
SH3BGRL	Q9JJU8	4	4	42249.5	42708	54634.25	49925.25	37247	42469	44003	53692.5	53660.75	61802.75	0.255079751	0.593324015	45352.8	51125.6	Up	0.172854246448539	SH3 domain-binding glutamic acid-rich-like protein OS=Mus musculus GN=Sh3bgrl PE=3 SV=1
NCS1	Q8BNY6	2	2	9579.5	11657	22370.5	5177	10722.5	10809	10656	29496	11067	39086.5	0.25527096	0.592998589	11901.3	20222.9	Up	0.764870726857516	Neuronal calcium sensor 1 OS=Mus musculus GN=Ncs1 PE=2 SV=3
LSP1	P19973	1	1	2991	4343	NA	4532	2611	4044	4379	NA	7341	NA	0.255590037	0.592456079	3619.25	5254.6667	Up	0.53790848332014	Lymphocyte-specific protein 1 OS=Mus musculus GN=Lsp1 PE=1 SV=2
FAM185A	Q7TPD2	3	3	66532.67	56109.67	97192.33	27327.67	65552.33	49469	63752	98438.67	84247.67	200298	0.256088955	0.591609152	62542.934	99241.068	Up	0.666090360892754	Protein FAM185A OS=Mus musculus GN=Fam185a PE=2 SV=1
EXOG	Q8C163	3	3	18208.33	22150.67	28841.67	25903.67	20656	28019.33	19715.33	38724.33	28714.67	NA	0.256256868	0.591324486	23152.068	28793.415	Up	0.314597843408793	Nuclease EXOG, mitochondrial OS=Mus musculus GN=Exog PE=2 SV=1
HOOK3	Q8BUK6	1	1	35508	67714	27566	61367	64874	56124	60672	NA	89477	NA	0.256353407	0.591160907	51405.8	68757.667	Up	0.419589442293998	Protein Hook homolog 3 OS=Mus musculus GN=Hook3 PE=1 SV=2
LYZ2	P08905	1	1	8714	6176	10494	11192	12674	11319	11195	NA	18887	NA	0.25647004	0.59096336	9850	13800.333	Up	0.486507484607235	Lysozyme C-2 OS=Mus musculus GN=Lyz2 PE=1 SV=2
TAOK2	Q6ZQ29	1	1	8416	18965	NA	12092	15550	18644	NA	NA	28449	NA	0.256758164	0.590475739	13755.75	23546.5	Up	0.775477829266376	Serine/threonine-protein kinase TAO2 OS=Mus musculus GN=Taok2 PE=2 SV=3
SOGA1	E1U8D0	1	1	NA	NA	NA	7189	2780	8143	10617	NA	NA	NA	0.256814497	0.590380464	4984.5	9380	Up	0.912139128989551	Protein SOGA1 OS=Mus musculus GN=Soga1 PE=1 SV=3
SCP2	P32020	14	14	75764.86	86024.5	133295.5	57202	70008.71	65266.93	77983.07	159332.57	104813.5	282453	0.256883923	0.590263074	84459.114	137969.81	Up	0.708027640573403	Non-specific lipid-transfer protein OS=Mus musculus GN=Scp2 PE=1 SV=3
DPYSL3	Q62188	100	100	96174.67	110819.72	119542.16	87836.37	90535.19	97269.2	116055.44	113091.27	124832.15	101832.42	0.257220894	0.589693757	100981.62	110616.1	Up	0.131468574958529	Dihydropyrimidinase-related protein 3 OS=Mus musculus GN=Dpysl3 PE=1 SV=1
TNC	Q80YX1-3	22	22	5509.36	5106.43	2899.21	8477	7061.5	8615.43	10606.71	3807.93	9069.21	NA	0.257297548	0.589564353	5810.7	8024.82	Up	0.465757060517824	Isoform 3 of Tenascin OS=Mus musculus GN=Tnc
SMARCE1	O54941	3	3	26689	14875	6685.67	12564.33	15576.67	15480.67	12343.67	900.33	10080	NA	0.257350235	0.589475431	15278.134	9701.1675	Down	-0.655238064164132	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 OS=Mus musculus GN=Smarce1 PE=1 SV=1
NCALD	Q91X97	3	3	85728.33	86217.33	118228	76203.33	81233	72753.33	87970.67	169349	95463	291982.33	0.257771388	0.58876529	89521.998	143503.67	Up	0.68077345238717	Neurocalcin-delta OS=Mus musculus GN=Ncald PE=1 SV=4
FXYD7	P59648	1	1	49733	111029	187019	186051	151228	193422	225818	104072	144567	236168	0.257899733	0.588549108	137012	180809.4	Up	0.4001674280776	FXYD domain-containing ion transport regulator 7 OS=Mus musculus GN=Fxyd7 PE=2 SV=1
SHANK2	Q80Z38-2	40	40	75380.93	77320.7	73978.52	56295.2	78426.3	50465.8	66760.48	70201.7	75849.6	62151.68	0.258197345	0.588048227	72280.33	65085.852	Down	-0.151259120466461	Isoform 2 of SH3 and multiple ankyrin repeat domains protein 2 OS=Mus musculus GN=Shank2
SCP2	P32020-2	13	13	81117.23	91913.15	143287	60617.08	74968.08	69371.62	83366	171588.92	111733.46	304180.15	0.258373779	0.587751562	90380.508	148048.03	Up	0.711981722359574	Isoform SCP2 of Non-specific lipid-transfer protein OS=Mus musculus GN=Scp2
MBP	P04370-8	45	45	1245472.1	999284.24	1184950.2	449423.93	1030940.3	749817.18	483616.8	885047.62	640128.69	1083505.2	0.258453857	0.587616982	982014.16	768423.09	Down	-0.353842953918303	Isoform 8 of Myelin basic protein OS=Mus musculus GN=Mbp
STRIP1	Q8C079	2	2	21275.5	23623.5	23105.5	59352	35247.5	52703	49954.5	23180	54978	NA	0.259074573	0.586575209	32520.8	45203.875	Up	0.475083702083322	Striatin-interacting protein 1 OS=Mus musculus GN=Strip1 PE=1 SV=2
NDUFA8	Q9DCJ5	16	16	100003.19	97790.31	127965.06	48286.56	90210.25	77167.69	88441.88	154965.5	116427.25	151758.88	0.259162341	0.586428106	92851.074	117752.24	Up	0.342764001583019	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 OS=Mus musculus GN=Ndufa8 PE=1 SV=3
MAP6	Q7TSJ2-3	26	26	93154.08	88340.69	88511.58	74122.81	95909.08	91429.85	94821.81	81663.81	132338.27	98912.96	0.259200741	0.586363762	88007.648	99833.34	Up	0.181892791904262	Isoform 3 of Microtubule-associated protein 6 OS=Mus musculus GN=Map6
WDR1	O88342	22	22	43129.09	51085.86	48937.23	72492.77	48010.95	60905.14	61688.05	58577.14	54285.95	62264.05	0.259976133	0.58506652	52731.18	59544.066	Up	0.175301458974432	WD repeat-containing protein 1 OS=Mus musculus GN=Wdr1 PE=1 SV=3
PPP2R5C	Q60996	1	1	15880	24410	23371	70476	40158	59549	80974	NA	31953	NA	0.260534849	0.584134178	34859	57492	Up	0.721830035834014	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform OS=Mus musculus GN=Ppp2r5c PE=1 SV=2
MECP2	Q9Z2D6	4	4	90780.5	64463	37581.25	40865.5	73008	56469.5	52266.5	51613.75	50049.5	25926.75	0.26093261	0.583471641	61339.65	47265.2	Down	-0.376041574934237	Methyl-CpG-binding protein 2 OS=Mus musculus GN=Mecp2 PE=1 SV=1
CDKL5	Q3UTQ8	2	2	53126.5	42472.5	69627.5	16297.5	38449.5	36200.5	43650	55855	72713	139884	0.261116818	0.583165155	43994.7	69660.5	Up	0.663011094041566	Cyclin-dependent kinase-like 5 OS=Mus musculus GN=Cdkl5 PE=2 SV=1
LRRC7	Q80TE7	40	40	35051.59	40737.59	36919.43	47401.62	45468.14	50112.41	52577.78	42684	52640.19	33958.14	0.261218791	0.582995585	41115.674	46394.504	Up	0.17426543163722	Leucine-rich repeat-containing protein 7 OS=Mus musculus GN=Lrrc7 PE=1 SV=2
DTD1	Q9DD18-2	3	3	43514.67	41368.67	32007.33	43176.33	50275.67	57741.67	53228.67	36796	53920	39801	0.26131387	0.582837539	42068.534	48297.468	Up	0.199206013507063	Isoform 2 of D-tyrosyl-tRNA(Tyr) deacylase 1 OS=Mus musculus GN=Dtd1
DUSP23	Q6NT99	1	1	65279	61375	65900	42061	70055	41898	68161	85670	80324	166730	0.262228556	0.581320016	60934	88556.6	Up	0.539352384149737	Dual specificity protein phosphatase 23 OS=Mus musculus GN=Dusp23 PE=2 SV=1
CTSD	P18242	14	14	47169.93	43137.64	55324.86	37578.21	41740	41136.21	45742.86	73438.93	41701.36	75172.14	0.26240342	0.581030508	44990.128	55438.3	Up	0.301274546823412	Cathepsin D OS=Mus musculus GN=Ctsd PE=1 SV=1
RDX	P26043	3	3	64456.33	76732.67	80343.67	66320.67	70900.33	87027	54578.67	111414	71830.33	196807.33	0.262458375	0.580939565	71750.734	104331.47	Up	0.540108839645435	Radixin OS=Mus musculus GN=Rdx PE=1 SV=3
GLRX	Q9QUH0	9	9	39896.25	40535.62	57918.12	40344.75	38387.38	38405	38469	73241.38	48300.88	117228.5	0.26247849	0.580906281	43416.424	63128.952	Up	0.540060898142493	Glutaredoxin-1 OS=Mus musculus GN=Glrx PE=1 SV=3
NDUFB2	Q9CPU2	1	1	26946	36234	48407	41182	30981	40772	42301	59238	38870	36056	0.263110238	0.579862253	36750	43447.4	Up	0.241525595230171	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 2, mitochondrial OS=Mus musculus GN=Ndufb2 PE=3 SV=1
ABAT	P61922	38	38	48858.71	51075.05	55458.47	56689.92	46114.03	58644.68	47821.24	72088.79	45691.03	71400.89	0.263156737	0.579785507	51639.236	59129.326	Up	0.195406176086439	4-aminobutyrate aminotransferase, mitochondrial OS=Mus musculus GN=Abat PE=1 SV=1
SLC6A17	Q8BJI1	3	3	1641	4337	1695	10601	4366.5	7547.5	8041	NA	4999.5	NA	0.263171234	0.579761584	4528.1	6862.6667	Up	0.599863462365724	Sodium-dependent neutral amino acid transporter SLC6A17 OS=Mus musculus GN=Slc6a17 PE=1 SV=1
CMPK2	Q3U5Q7	2	2	20648.5	25938.5	12961	18121.5	19116	27610.5	17785	NA	32178.5	NA	0.263284334	0.579574982	19357.1	25858	Up	0.417747863243986	UMP-CMP kinase 2, mitochondrial OS=Mus musculus GN=Cmpk2 PE=2 SV=2
LAMTOR2	Q9JHS3	1	1	15478	16519	29683	9681	12798	14279	13680	36143	20182	68018	0.263299573	0.579549846	16831.8	30460.4	Up	0.855745419785961	Ragulator complex protein LAMTOR2 OS=Mus musculus GN=Lamtor2 PE=1 SV=1
KCNIP3	Q9QXT8	1	1	77431	149241	173700	24270	156742	86980	189862	93251	222580	256289	0.263447868	0.579305312	116276.8	169792.4	Up	0.54620861113233	Calsenilin OS=Mus musculus GN=Kcnip3 PE=1 SV=2
LARP6	Q8BN59	4	4	6590	5010	9153	4802	5081	6716	6570	7140	12993	NA	0.264146949	0.578154401	6127.2	8354.75	Up	0.447368715448942	La-related protein 6 OS=Mus musculus GN=Larp6 PE=1 SV=1
WDR77	Q99J09	3	3	3080.33	2588.67	4176.67	2171	3073.67	3513	3512.67	1931.33	6262.33	4830	0.264427974	0.577692602	3018.068	4009.866	Up	0.409928714565524	Methylosome protein 50 OS=Mus musculus GN=Wdr77 PE=1 SV=1
ZFP706	Q9D115	3	3	12499.67	11625	16618.67	10582	13279.33	11946.67	14577	11131	19373.33	22930.33	0.264529396	0.577526059	12920.934	15991.666	Up	0.30760988539515	Zinc finger protein 706 OS=Mus musculus GN=Znf706 PE=2 SV=1
PSMA7	Q9Z2U0	9	9	41398.89	41550	40235.44	37318.11	41295	41764.44	41373.56	68904.56	50115.44	36742.56	0.2646496	0.577328758	40359.488	47780.112	Up	0.24350236303089	Proteasome subunit alpha type-7 OS=Mus musculus GN=Psma7 PE=1 SV=1
MRPL11	Q9CQF0	2	2	29326	24329.5	38364	24273.5	30281	29389.5	27393.5	31071.5	38697	56277.5	0.26528075	0.576294263	29314.8	36565.8	Up	0.318865712190968	39S ribosomal protein L11, mitochondrial OS=Mus musculus GN=Mrpl11 PE=2 SV=1
MBP	P04370-6	45	45	1280632.7	1027673.2	1207891.6	455009.44	1060267.8	762692.16	498128.09	908953.22	658690.49	1117893.7	0.265496867	0.575940599	1006295	789271.53	Down	-0.350459605346556	Isoform 6 of Myelin basic protein OS=Mus musculus GN=Mbp
UBTD1	Q91WB7	1	1	4874	9500	NA	13576	11180	6277	5462	NA	9355	NA	0.266342954	0.574558788	9782.5	7031.3333	Down	-0.476404915402465	Ubiquitin domain-containing protein 1 OS=Mus musculus GN=Ubtd1 PE=2 SV=1
SPIRE1	Q52KF3-3	1	1	9954	11364	8583	12425	12787	11082	14465	NA	12325	NA	0.26674004	0.573911789	11022.6	12624	Up	0.19570454493247	Isoform 3 of Protein spire homolog 1 OS=Mus musculus GN=Spire1
EIF1AX	Q8BMJ3	8	8	22073.17	23437	28559.83	29806.67	18868.17	24831.5	23936.83	31199	24996.67	44027	0.266973915	0.573531169	24548.968	29798.2	Up	0.279562808217517	Eukaryotic translation initiation factor 1A, X-chromosomal OS=Mus musculus GN=Eif1ax PE=2 SV=3
AUH	Q9JLZ3-2	1	1	149599	130033	91401	135802	156368	180067	135938	151347	136993	NA	0.267204013	0.573157024	132640.6	151086.25	Up	0.187849932240308	Isoform 2 of Methylglutaconyl-CoA hydratase, mitochondrial OS=Mus musculus GN=Auh
EIF3A	P23116	7	7	18581.71	26696.29	22309.86	40929	26732.86	36248.29	37837.57	29416.29	31727.14	26428.43	0.267251469	0.573079899	27049.944	32331.544	Up	0.257316798004757	Eukaryotic translation initiation factor 3 subunit A OS=Mus musculus GN=Eif3a PE=1 SV=5
PFN2	Q9JJV2-3	29	29	196768.61	180797.29	299618.93	134537.57	183479.71	185346.11	194944.14	262153.89	242117.14	348611.79	0.267998695	0.571867321	199040.42	246634.61	Up	0.309313840020085	Isoform 3 of Profilin-2 OS=Mus musculus GN=Pfn2
CAP2	Q9CYT6	3	3	70979.67	67070.33	80211	61918	60875	81249.33	58502.67	87119.67	66741.33	89871	0.268024426	0.571825625	68210.8	76696.8	Up	0.169166202672655	Adenylyl cyclase-associated protein 2 OS=Mus musculus GN=Cap2 PE=1 SV=1
PRKACA	P05132	1	1	265838	320090	258545	251357	301178	264211	250281	112641	341792	164271	0.268108458	0.571689486	279401.6	226639.2	Down	-0.301942868043275	cAMP-dependent protein kinase catalytic subunit alpha OS=Mus musculus GN=Prkaca PE=1 SV=3
HBA-A1	P01942	17	17	182950.53	123768.35	136450.76	60377.82	185810.65	83952.53	98706.29	59782.71	132032.47	147265.71	0.268143222	0.571633176	137871.62	104347.94	Down	-0.401923391444163	Hemoglobin subunit alpha OS=Mus musculus GN=Hba PE=1 SV=2
SIPA1L1	Q8C0T5-2	21	21	40671.81	46765.62	46750.38	38239.14	60671.76	45325.38	59853.62	54891.19	64105.33	42641.33	0.268351573	0.571295855	46619.742	53363.37	Up	0.194908757962853	Isoform 2 of Signal-induced proliferation-associated 1-like protein 1 OS=Mus musculus GN=Sipa1l1
ARPC1A	Q9R0Q6	4	4	41058	33352.5	44372.5	43342.25	36170.5	45581.25	42505.25	39201.5	44112.5	95913.25	0.268430882	0.571167521	39659.15	53462.75	Up	0.430880291235132	Actin-related protein 2/3 complex subunit 1A OS=Mus musculus GN=Arpc1a PE=1 SV=1
EPB41L3	Q9WV92-5	38	38	22118.37	25429.84	22659.63	29381.24	24921.29	30928.29	29188.05	21418.34	27790.13	27458.82	0.268667523	0.570784829	24902.074	27356.726	Up	0.135629677669277	Isoform 5 of Band 4.1-like protein 3 OS=Mus musculus GN=Epb41l3
PDE4A	O89084	2	2	16549.5	19716	31835.5	8168.5	16023.5	16493.5	12776	101865	22347.5	46104	0.268688035	0.570751672	18458.6	39917.2	Up	1.11271739074848	cAMP-specific 3',5'-cyclic phosphodiesterase 4A OS=Mus musculus GN=Pde4a PE=2 SV=2
RPS18	P62270	12	12	76974.67	86540.92	90819.5	74582.83	68128.67	69196.58	75772	76623.92	81534.33	62462	0.268689027	0.570750069	79409.318	73117.766	Down	-0.119086313388467	40S ribosomal protein S18 OS=Mus musculus GN=Rps18 PE=1 SV=3
ATXN2L	Q7TQH0-2	11	11	23431.55	29308.82	25366.09	26763	24592.36	27641.36	28566.82	30376.45	36280	22016.09	0.269504923	0.569433298	25892.364	28976.144	Up	0.162338930221119	Isoform 2 of Ataxin-2-like protein OS=Mus musculus GN=Atxn2l
ARHGAP33	Q80YF9	3	3	10289.33	11386.33	NA	20015	21592.67	22636.67	25902.67	NA	15145.33	NA	0.269614861	0.569256173	15820.833	21228.223	Up	0.424158114806282	Rho GTPase-activating protein 33 OS=Mus musculus GN=Arhgap33 PE=1 SV=1
PSMF1	Q8BHL8	4	4	12796	21413.25	11488.5	22443.5	16390	23286.5	20335.25	16588.25	19964.25	NA	0.269995177	0.568643993	16906.25	20043.563	Up	0.245582263920277	Proteasome inhibitor PI31 subunit OS=Mus musculus GN=Psmf1 PE=2 SV=1
RPS9	Q6ZWN5	6	6	72309.5	85351.83	98208.33	74400.83	68720.33	79904.33	77286.5	86439.83	93913.5	105161.17	0.270102423	0.56847152	79798.164	88541.066	Up	0.149991189795051	40S ribosomal protein S9 OS=Mus musculus GN=Rps9 PE=1 SV=3
MRPL58	Q8R035	6	6	41265.5	52758.83	38238.83	50122.83	48046.17	52407.33	48956.17	19189.67	43258.67	17176.67	0.270210559	0.568297684	46086.432	36197.702	Down	-0.348443967746147	Peptidyl-tRNA hydrolase ICT1, mitochondrial OS=Mus musculus GN=Ict1 PE=1 SV=1
LAP3	Q9CPY7-2	15	15	51128.33	50316.47	54816.6	40272.07	56074.07	53057.27	54909.53	59751.2	58937.8	47231.2	0.270322598	0.568117647	50521.508	54777.4	Up	0.116683088091478	Isoform 2 of Cytosol aminopeptidase OS=Mus musculus GN=Lap3
SLC30A3	P97441	1	1	498622	462380	439972	622605	322644	376755	447903	409598	491602	233341	0.270837158	0.567291753	469244.6	391839.8	Down	-0.260076200177815	Zinc transporter 3 OS=Mus musculus GN=Slc30a3 PE=1 SV=1
TRIM46	Q7TNM2	3	3	782.67	1757.33	NA	5160	2501.33	3814.67	3812.67	NA	NA	NA	0.270887163	0.567211575	2550.3325	3813.67	Up	0.580494660524857	Tripartite motif-containing protein 46 OS=Mus musculus GN=Trim46 PE=2 SV=1
RPL11	Q9CXW4	10	10	112509.3	127277	154297.1	115264	110918.5	108526.6	126470.1	182932.4	135660.6	157925.4	0.271318174	0.566521114	124053.18	142303.02	Up	0.198007561532056	60S ribosomal protein L11 OS=Mus musculus GN=Rpl11 PE=1 SV=4
ACTBL2	Q8BFZ3	17	17	193343.59	233806	216825.35	279100.88	175927.59	218886.88	250032	117269.94	200133.76	121623.76	0.271595325	0.56607771	219800.68	181589.27	Down	-0.275516921422918	Beta-actin-like protein 2 OS=Mus musculus GN=Actbl2 PE=1 SV=1
MARK3	Q03141	8	8	24779.25	28432	38664	22682.75	30387.88	29885.75	31845.5	61587.12	43358.75	23037.62	0.271650689	0.565989189	28989.176	37942.948	Up	0.388317447918798	MAP/microtubule affinity-regulating kinase 3 OS=Mus musculus GN=Mark3 PE=1 SV=2
MARK3	Q03141-3	8	8	24779.25	28432	38664	22682.75	30387.88	29885.75	31845.5	61587.12	43358.75	23037.62	0.271650689	0.565989189	28989.176	37942.948	Up	0.388317447918798	Isoform 3 of MAP/microtubule affinity-regulating kinase 3 OS=Mus musculus GN=Mark3
LIMCH1	Q3UH68	4	4	1717.33	2712	853	3312.67	2742.67	3390.67	3870.67	1844	2907.33	NA	0.271675936	0.565948827	2267.534	3003.1675	Up	0.405360759589935	LIM and calponin homology domains-containing protein 1 OS=Mus musculus GN=Limch1 PE=1 SV=2
COPS3	O88543	3	3	3784.33	6092.33	627	21050	10947.67	14885	24932	NA	8401.33	NA	0.271788693	0.565768614	8500.266	16072.777	Up	0.919039291069336	COP9 signalosome complex subunit 3 OS=Mus musculus GN=Cops3 PE=1 SV=3
HCFC1	Q61191	3	3	44032.33	34935.33	57769.67	16457	33896	31041	33836	90618	48052.67	59832	0.271923866	0.565552674	37418.066	52675.934	Up	0.493408996787308	Host cell factor 1 OS=Mus musculus GN=Hcfc1 PE=1 SV=2
ZNFX1	Q8R151	1	1	1624	9737	3071	11969	10400	14640	13483	4055	12616	NA	0.271931565	0.565540379	7360.2	11198.5	Up	0.605488626725313	NFX1-type zinc finger-containing protein 1 OS=Mus musculus GN=Znfx1 PE=2 SV=3
ZC2HC1A	Q8BJH1	12	12	97521.58	101012.08	93040.83	58588.67	80762.67	80688.08	100493.33	90033.25	132029.75	96238.67	0.272243884	0.565041868	86185.166	99896.616	Up	0.212996230315629	Zinc finger C2HC domain-containing protein 1A OS=Mus musculus GN=Zc2hc1a PE=2 SV=1

TKT	P40142	36	36	55219.63	74654.63	76114.71	79636.97	66689.49	74047.71	92635.46	79421.57	71023.69	70469.77	0.272358478	0.564859101	70463.086	77519.64	Up	0.137694210453643	Transketolase OS=Mus musculus GN=Tkt PE=1 SV=1
VBP1	P61759	4	4	70890.25	76297.75	137009.5	40921.25	72543.5	62898	76660	154722.75	87937	188739.5	0.272401637	0.564790287	79532.45	114191.45	Up	0.521839115028515	Prefoldin subunit 3 OS=Mus musculus GN=Vbp1 PE=2 SV=2
CKAP5	A2AGT5-3	8	8	10983.75	22392	22336.25	36614.25	24320.75	28894.62	32950.38	28275.38	23180.62	30172.25	0.272608412	0.564460746	23329.4	28694.65	Up	0.298632573718177	Isoform 3 of Cytoskeleton-associated protein 5 OS=Mus musculus GN=Ckap5
SNX27	Q3UHD6	3	3	8240.33	10203.33	3646.33	28123	13041.33	23496	19308	12730.33	17856	NA	0.272776605	0.56419288	12650.864	18347.583	Up	0.536354066124361	Sorting nexin-27 OS=Mus musculus GN=Snx27 PE=1 SV=2
CRK	Q64010	9	9	48178.11	59117.89	53866.78	38973.33	45758.44	48899.78	52965.11	61449	48109.67	60918.22	0.272868386	0.564046778	49178.91	54468.356	Up	0.147378564022745	Adapter molecule crk OS=Mus musculus GN=Crk PE=1 SV=1
PPIF	Q99KR7	9	9	106550.22	102879.11	97986.22	72851.89	97282	99428.56	94348.33	85546.78	137851.22	134137.56	0.273064822	0.563734245	95509.888	110262.49	Up	0.207220080419722	Peptidyl-prolyl cis-trans isomerase F, mitochondrial OS=Mus musculus GN=Ppif PE=1 SV=1
EFNB2	P52800	1	1	5086	11960	8013	29978	17204	23088	16313	NA	21652	NA	0.273114566	0.563655137	14448.2	20351	Up	0.494209918200144	Ephrin-B2 OS=Mus musculus GN=Efnb2 PE=1 SV=1
ATP8A2	P98200	2	2	679	1201	1813.5	6184.5	2424	6840.5	2812.5	NA	3619	NA	0.273154859	0.56359107	2460.4	4424	Up	0.846458504518459	Probable phospholipid-transporting ATPase IB OS=Mus musculus GN=Atp8a2 PE=2 SV=1
CENPV	Q9CXS4-2	10	10	21828.29	11056.86	1745.29	5761.71	16192.29	12697.43	9790.86	1977	5064.86	2142.43	0.2736348	0.56282867	11316.888	6334.516	Down	-0.837170992952853	Isoform 2 of Centromere protein V OS=Mus musculus GN=Cenpv
GDA	Q9R111	9	9	42967.11	44323.44	42949	44188.67	36996.44	40161.56	44336.11	38012.78	41819.89	34087.22	0.273864396	0.562464425	42284.932	39683.512	Down	-0.0916039483587688	Guanine deaminase OS=Mus musculus GN=Gda PE=1 SV=1
NUDCD2	Q9CQ48	6	6	23072	20243.4	11343.2	22242.2	22518.8	22652.2	23423.2	19805.8	25681.8	NA	0.274142736	0.562023257	19883.92	22890.75	Up	0.203162528663381	NudC domain-containing protein 2 OS=Mus musculus GN=Nudcd2 PE=1 SV=1
DNAJB2	Q9QYI5	1	1	41333	48418	44416	20407	24255	19141	28130	21699	39651	NA	0.274163505	0.561990356	35765.8	27155.25	Down	-0.397349566469709	DnaJ homolog subfamily B member 2 OS=Mus musculus GN=Dnajb2 PE=1 SV=2
PODXL2	Q8CAE9	3	3	1079	4318.67	2688.33	6131.33	5308.67	6642	7647.33	4395.33	3342.67	NA	0.274710125	0.561125334	3905.2	5506.8325	Up	0.495826290942086	Podocalyxin-like protein 2 OS=Mus musculus GN=Podxl2 PE=2 SV=2
ADGRL1	Q80TR1-2	13	13	15366.08	26558.85	18958.38	37991.77	29726.23	37201.92	38620.85	20004.69	33989.31	29456.15	0.274878467	0.560859279	25720.262	31854.584	Up	0.308595658130312	Isoform 2 of Latrophilin-1 OS=Mus musculus GN=Lphn1
SEPT6	Q9R1T4-3	14	14	87710.57	93099.57	100492.71	91530.21	90115.07	95096.43	96086.71	104426.07	91935.71	173533.86	0.274888114	0.560844039	92589.626	112215.76	Up	0.277352792148735	Isoform V of Septin-6 OS=Mus musculus GN=Sept6
NME1	P15532	13	13	85817.85	119450.69	76912.08	157994	85930.38	104985.77	103589.62	83228.08	83321.77	36445.77	0.275238405	0.560290968	105221	82314.202	Down	-0.354209395137617	Nucleoside diphosphate kinase A OS=Mus musculus GN=Nme1 PE=1 SV=1
CAMK4	P08414	10	10	19364.5	25084.5	16480	31905.5	27461	28605	34328.75	15454	29325	54757	0.275256094	0.560263057	24059.1	32493.95	Up	0.433588454554301	Calcium/calmodulin-dependent protein kinase type IV OS=Mus musculus GN=Camk4 PE=1 SV=2
HPCA	P84075	4	4	92560.25	106956.75	102003	159490.5	123901.25	122967.75	131235.25	153444	98810.5	218986.75	0.275813969	0.559383742	116982.35	145088.85	Up	0.310645777265119	Neuron-specific calcium-binding protein hippocalcin OS=Mus musculus GN=Hpca PE=1 SV=2
MACROD1	Q922B1	3	3	7204.67	13715	4134	21969.33	15671	18708.33	14463	NA	16823.33	NA	0.276727927	0.55794701	12538.8	16664.887	Up	0.410412221515168	O-acetyl-ADP-ribose deacetylase MACROD1 OS=Mus musculus GN=Macrod1 PE=1 SV=2
SHISA6	Q3UH99	1	1	57567	64064	127981	23784	53268	44798	64109	131108	92317	350754	0.27674256	0.557924046	65332.8	136617.2	Up	1.06425975278565	Protein shisa-6 homolog OS=Mus musculus GN=Shisa6 PE=1 SV=1
HOOK1	Q8BIL5	1	1	12779	15098	32996	11692	21795	13057	20581	50922	37699	NA	0.276944202	0.557607723	18872	30564.75	Up	0.695621443143311	Protein Hook homolog 1 OS=Mus musculus GN=Hook1 PE=1 SV=2
DES	P31001	1	1	72858	73538	47854	72005	65829	67773	55832	NA	44555	NA	0.27713118	0.557314609	66416.8	56053.333	Down	-0.244748046051134	Desmin OS=Mus musculus GN=Des PE=1 SV=3
BORCS5	Q9D920	1	1	72494	71149	76435	56055	67364	67887	79521	217823	122013	47200	0.277175979	0.55724441	68699.4	106888.8	Up	0.637741288661808	Loss of heterozygosity 12 chromosomal region 1 protein homolog OS=Mus musculus GN=Loh12cr1 PE=2 SV=1
BIN2	D3Z6Q9	5	5	336278	450543.75	319360.25	476851.75	489534.5	409675	430959.5	290226.25	413541.25	83926.25	0.277560865	0.556641768	414513.65	325665.65	Down	-0.348028053020926	Bridging integrator 2 OS=Mus musculus GN=Bin2 PE=1 SV=1
PSMD4	O35226-3	9	9	68202.38	73175.12	89657.75	39021.75	69212.5	57589.5	62661.5	105629	76974.62	138634	0.277765643	0.556321474	67853.9	88297.724	Up	0.379944511837783	Isoform Rpn10C of 26S proteasome non-ATPase regulatory subunit 4 OS=Mus musculus GN=Psmd4
CHMP3	Q9CQ10	1	1	67543	78594	109772	28774	66483	39297	57086	153020	99874	293106	0.277803691	0.556261988	70233.2	128476.6	Up	0.871280544474292	Charged multivesicular body protein 3 OS=Mus musculus GN=Chmp3 PE=1 SV=3
ARRB1	Q8BWG8	2	2	12249.5	17251.5	5516	20080	21296.5	19453	19615.5	NA	17765	NA	0.277812892	0.556247604	15278.7	18944.5	Up	0.310257267692679	Beta-arrestin-1 OS=Mus musculus GN=Arrb1 PE=1 SV=1
ACADSB	Q9DBL1	2	2	19287	21693.5	56455	5830.5	22720	19328	23350.5	66039.5	33929.5	55384	0.277888409	0.556129568	25197.2	39606.3	Up	0.652466506345152	Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Acadsb PE=1 SV=1
IMPACT	O55091	1	1	13493	17504	3900	27066	12124	20719	19002	NA	19013	NA	0.278032736	0.555904066	14817.4	19578	Up	0.4019410722177	Protein IMPACT OS=Mus musculus GN=Impact PE=1 SV=2
AFTPH	Q80WT5	2	2	7863.5	10099	1979	6171.5	9905.5	7044.5	10333.5	NA	11322.5	NA	0.278143632	0.555730879	7203.7	9566.8333	Up	0.40930336383117	Aftiphilin OS=Mus musculus GN=Aftph PE=1 SV=2
PCCB	Q99MN9	3	3	32104	42572.67	15085.33	34036.33	38116.33	45418.33	41812	22447	40157.33	51207	0.278222524	0.555607714	32382.932	40208.332	Up	0.312260873344977	Propionyl-CoA carboxylase beta chain, mitochondrial OS=Mus musculus GN=Pccb PE=1 SV=2
ATP5K	Q06185	7	7	130813.29	113362.71	198874.71	60707.29	130642.57	91634.14	116837.29	280934.14	141805.86	278479.14	0.278233767	0.555590165	126880.11	181938.11	Up	0.5199818307295	ATP synthase subunit e, mitochondrial OS=Mus musculus GN=Atp5i PE=1 SV=2
TBCB	Q9D1E6	6	6	33126.67	35824	49870.17	30282.67	44214.5	34830.67	43279	83714.17	42754.17	45112.83	0.278835324	0.554652209	38663.602	49938.168	Up	0.369166847472104	Tubulin-folding cofactor B OS=Mus musculus GN=Tbcb PE=1 SV=2
MRPL1	Q99N96	1	1	79154	99120	81953	45636	66015	64488	62843	137759	88586	308117	0.278970172	0.55444223	74375.6	132358.6	Up	0.831550630066828	39S ribosomal protein L1, mitochondrial OS=Mus musculus GN=Mrpl1 PE=1 SV=2
PTMS	Q9D0J8	2	2	71421	79826	59122	120266.5	62203	91280	66001	22645.5	82787	23860	0.279201026	0.55408299	78567.7	57314.7	Down	-0.455031120408736	Parathymosin OS=Mus musculus GN=Ptms PE=1 SV=3
NELFE	P19426	1	1	5331	4307	2408	4010	3838	4412	4138	9686	4744	NA	0.279836821	0.553095142	3978.8	5745	Up	0.529973511120453	Negative elongation factor E OS=Mus musculus GN=Nelfe PE=1 SV=2
GNAQ	P21279	6	6	21591.33	30676.83	26094.17	42696.67	29162.67	35454.67	39684	40263	31549.67	28058.67	0.279971852	0.552885629	30044.334	35002.002	Up	0.22034450019669	Guanine nucleotide-binding protein G(q) subunit alpha OS=Mus musculus GN=Gnaq PE=1 SV=4
STIP1	Q60864	26	26	130533.62	120155.31	119276.15	84324.62	120493.5	103333.92	110615.73	142297.38	145455.08	142824.77	0.28010714	0.552675821	114956.64	128905.38	Up	0.165222632725877	Stress-induced-phosphoprotein 1 OS=Mus musculus GN=Stip1 PE=1 SV=1
ALB	P07724	43	43	69916.44	71607.7	65529.07	80393.28	84800.98	74377.05	85373.47	41965.12	70943.65	42398.56	0.280694399	0.551766253	74449.494	63011.57	Down	-0.240645287110609	Serum albumin OS=Mus musculus GN=Alb PE=1 SV=3
KHSRP	Q3U0V1	8	8	45127.12	34114.38	41907.88	20285.88	40990.75	28857.25	30594.88	17211.62	42606.75	28483	0.280745373	0.551687393	36485.202	29550.7	Down	-0.304119135735368	Far upstream element-binding protein 2 OS=Mus musculus GN=Khsrp PE=1 SV=2
RPL7A	P12970	25	25	97789.28	94389	140575.2	77781.44	91070.88	75871.04	96684.72	155079.96	122107.32	177939.28	0.281538635	0.550462	100321.16	125536.46	Up	0.323480543012409	60S ribosomal protein L7a OS=Mus musculus GN=Rpl7a PE=2 SV=2
AIDA	Q8C4Q6	3	3	702	1078	NA	971	912	2124	785	NA	1524	NA	0.281925499	0.549865642	915.75	1477.6667	Up	0.690295160735549	Axin interactor, dorsalization-associated protein OS=Mus musculus GN=Aida PE=1 SV=1
NAPG	Q9CWZ7	54	54	54153.18	51071.92	52936.26	44950.28	53079.28	47911.36	51366.48	55823.02	58119.52	57909.38	0.282265126	0.549342776	51238.184	54225.952	Up	0.0817641321888765	Gamma-soluble NSF attachment protein OS=Mus musculus GN=Napg PE=1 SV=1
VDAC3	Q60931	15	15	91311.33	79805.87	142614.4	89565.87	82807.6	102078.73	90386.87	136302.33	95779.2	181629.73	0.282280903	0.549318502	97221.014	121235.37	Up	0.318470598909032	Voltage-dependent anion-selective channel protein 3 OS=Mus musculus GN=Vdac3 PE=1 SV=1
NUDCD3	Q8R1N4	6	6	17097.8	22365.2	15787.6	17832.8	19543.8	22267	20432.8	9934.4	14612.8	3496.6	0.28258933	0.54884424	18525.44	14148.72	Down	-0.388836266686784	NudC domain-containing protein 3 OS=Mus musculus GN=Nudcd3 PE=2 SV=3
RPL8	P62918	20	20	108546.95	119919.45	159265.15	84631.45	104986.75	97885.9	120651.95	168206.7	145972.05	143703.6	0.283051391	0.548134706	115469.95	135284.04	Up	0.228474196564591	60S ribosomal protein L8 OS=Mus musculus GN=Rpl8 PE=2 SV=2
SIPA1L1	Q8C0T5	22	22	39985.36	45951.73	46187.32	37876.77	59773.86	44879	59154.73	55028.27	62634.91	40703.09	0.283169141	0.547954076	45955.008	52480	Up	0.19154563051844	Signal-induced proliferation-associated 1-like protein 1 OS=Mus musculus GN=Sipa1l1 PE=1 SV=2
TUBA1B	P05213	103	103	159728.85	192175.47	205002.17	214364.88	170443.95	202368.86	208840.53	192570.74	197141.72	205511.05	0.283311658	0.547735555	188343.06	201286.58	Up	0.0958880844077071	Tubulin alpha-1B chain OS=Mus musculus GN=Tuba1b PE=1 SV=2
PTRH2	Q8R2Y8	1	1	57256	72802	166792	16417	72475	56946	66548	256456	109058	151060	0.283352248	0.547673337	77148.4	128013.6	Up	0.730588946625676	Peptidyl-tRNA hydrolase 2, mitochondrial OS=Mus musculus GN=Ptrh2 PE=2 SV=1
PGAM2	O70250	4	4	201193.25	256166.75	87956.25	364929.75	378842	263506	260671.25	92266	213916.75	63092.75	0.283917279	0.546808175	257817.6	178690.55	Down	-0.528887413223417	Phosphoglycerate mutase 2 OS=Mus musculus GN=Pgam2 PE=1 SV=3
CPEB2	Q812E0	3	3	50345.33	48166	110546.67	19013.33	47555.67	38926.33	43983.33	132166.33	68694	152835	0.284531653	0.545869413	55125.4	87320.998	Up	0.663611399954291	Cytoplasmic polyadenylation element-binding protein 2 OS=Mus musculus GN=Cpeb2 PE=1 SV=1
GIPC1	Q9Z0G0	1	1	337517	266443	395846	126438	297179	256557	277640	436643	318921	524191	0.284767448	0.545509656	284684.6	362790.4	Up	0.349771827739074	PDZ domain-containing protein GIPC1 OS=Mus musculus GN=Gipc1 PE=1 SV=1
HDHD2	Q3UGR5-2	4	4	10038.25	7545	5561.75	8093.5	8534.5	10712.25	8021.25	4930.75	11986.5	16487.5	0.28507445	0.545041704	7954.6	10427.65	Up	0.39055277426336	Isoform 2 of Haloacid dehalogenase-like hydrolase domain-containing protein 2 OS=Mus musculus GN=Hdhd2
ZNRF1	Q91V17	1	1	36462	36955	11131	16117	43628	28629	23365	59393	58586	NA	0.285726066	0.544050139	28858.6	42493.25	Up	0.55823237620908	E3 ubiquitin-protein ligase ZNRF1 OS=Mus musculus GN=Znrf1 PE=1 SV=1
TXN2	P97493	3	3	48285.33	45856	80532.67	32530.33	44292.33	41394	44022.33	82239.67	61068.33	114542.67	0.286087782	0.543500689	50299.332	68653.4	Up	0.448791929905831	Thioredoxin, mitochondrial OS=Mus musculus GN=Txn2 PE=1 SV=1
5031439G07RIK	Q3UE31	2	2	1224	2607	1009	4258	3483.5	4110	4402	2252	3009	NA	0.286098329	0.543484678	2516.3	3443.25	Up	0.452466998347974	Uncharacterized protein KIAA0930 homolog OS=Mus musculus PE=1 SV=2
CYB5A	P56395	2	2	10018	11578.5	12574	23434	8228	15120	11441.5	2852	5310	NA	0.286118216	0.543454491	13166.5	8680.875	Down	-0.600959517070033	Cytochrome b5 OS=Mus musculus GN=Cyb5a PE=1 SV=2
MAP1LC3A	Q91VR7	2	2	39116	49209	72876.5	119309.5	41120.5	69904	54273	19544.5	24862.5	NA	0.286260935	0.543237915	64326.3	42146	Down	-0.610012994237012	Microtubule-associated proteins 1A/1B light chain 3A OS=Mus musculus GN=Map1lc3a PE=1 SV=1
BCL11A	Q9QYE3-13	2	2	24177	15499	19684.5	14666.5	29823.5	25696	20410.5	NA	32177.5	NA	0.286805292	0.542412839	20770.1	26094.667	Up	0.32924681086826	Isoform 5 of B-cell lymphoma/leukemia 11A OS=Mus musculus GN=Bcl11a
SYNCRIP	Q7TMK9	19	19	76194.58	86672.11	70397.95	73502.58	73706.74	66741.47	76019.89	72201.84	79729.95	34301.53	0.287072294	0.54200872	76094.792	65798.936	Down	-0.209733462599528	Heterogeneous nuclear ribonucleoprotein Q OS=Mus musculus GN=Syncrip PE=1 SV=2
EPN2	Q8CHU3	6	6	22375.5	23144.33	30150.17	15506.33	22181.17	20029.33	20750.17	26368.33	33434.67	35046.67	0.287366266	0.541564216	22671.5	27125.834	Up	0.25878764841275	Epsin-2 OS=Mus musculus GN=Epn2 PE=1 SV=1
CLYBL	Q8R4N0	7	7	76174.29	74131.71	66712.43	44418.57	69080.14	63016.57	71363	80004.29	82381.43	72135.14	0.287987055	0.540627033	66103.428	73780.086	Up	0.158506381540465	Citrate lyase subunit beta-like protein, mitochondrial OS=Mus musculus GN=Clybl PE=1 SV=2
NDUFV2	Q9D6J6	10	10	39660.2	43157.8	44022.6	54631.3	43217.2	46808.5	41191.2	65193.5	49359.3	49397.7	0.28803769	0.540550681	44937.82	50390.04	Up	0.165208462581752	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial OS=Mus musculus GN=Ndufv2 PE=1 SV=2
NCAN	P55066	25	25	58443.48	61768.08	45373.92	56504.68	57467.2	55371.72	59275.16	23709.36	56086.44	43333.36	0.289370453	0.538545816	55911.472	47555.208	Down	-0.233540981557103	Neurocan core protein OS=Mus musculus GN=Ncan PE=2 SV=1
LMCD1	Q8VEE1	1	1	5926	6647	4793	8905	8104	9686	6188	NA	12334	NA	0.289745115	0.537983877	6875	9402.6667	Up	0.451710260412279	LIM and cysteine-rich domains protein 1 OS=Mus musculus GN=Lmcd1 PE=1 SV=1
ATP5H	Q9DCX2	38	38	201926.61	186207.5	254378.82	110604.89	179211.24	153941.39	160820.16	327995.76	204152.05	402423.42	0.290735998	0.536501192	186465.81	249866.56	Up	0.422246672791405	ATP synthase subunit d, mitochondrial OS=Mus musculus GN=Atp5h PE=1 SV=3
PRKCZ	Q02956	1	1	726	833	NA	3474	1945	2311	2220	4194	2042	NA	0.290865944	0.536307124	1744.5	2691.75	Up	0.625730826342859	Protein kinase C zeta type OS=Mus musculus GN=Prkcz PE=1 SV=2
MYO18A	Q9JMH9-6	41	41	9006.05	14168.12	11662.9	23305.8	16454.05	21204.25	22943.6	15466.02	18431.12	13584.92	0.291282694	0.535685317	14919.384	18325.982	Up	0.296702537411055	Isoform 6 of Unconventional myosin-XVIIIa OS=Mus musculus GN=Myo18a
SCN3B	Q8BHK2	1	1	10263	32051	34922	10890	31018	33140	50206	20915	22737	34826	0.291519495	0.535332397	23828.8	32364.8	Up	0.441719288343159	Sodium channel subunit beta-3 OS=Mus musculus GN=Scn3b PE=2 SV=1
PHF5A	P83870	1	1	9823	6158	14052	3615	5757	7851	8636	10706	20426	NA	0.291965323	0.534668727	7881	11904.75	Up	0.595086717994864	PHD finger-like domain-containing protein 5A OS=Mus musculus GN=Phf5a PE=1 SV=1
SCO1	Q5SUC9	1	1	29564	30672	69091	26689	30029	31209	32111	88151	31536	155751	0.292071361	0.534511025	37209	67751.6	Up	0.86460339885056	Protein SCO1 homolog, mitochondrial OS=Mus musculus GN=Sco1 PE=2 SV=1
HSPA9	P38647	92	92	63821.47	69483.18	79931.6	44924.61	62171.43	55443.43	59108.07	99318.13	73345.43	92815.39	0.292351328	0.534094929	64066.458	76006.09	Up	0.246545787978273	Stress-70 protein, mitochondrial OS=Mus musculus GN=Hspa9 PE=1 SV=3
GNAO1	P18872	34	34	52028.88	89510.71	84121.91	146709.62	90757.5	123448.35	140456.5	94571.21	82069.38	129108.71	0.293240649	0.532775828	92625.724	113930.83	Up	0.298673377912919	Guanine nucleotide-binding protein G(o) subunit alpha OS=Mus musculus GN=Gnao1 PE=1 SV=3
NDUFS3	Q9DCT2	4	4	12626	12892.33	3473.67	27898.33	14225	26132.33	16919.33	13658	22000	NA	0.293464471	0.53244447	14223.066	19677.415	Up	0.468308214367877	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial OS=Mus musculus GN=Ndufs3 PE=1 SV=2
MIA3	Q8BI84-3	2	2	2024.5	7702	1771	23187.5	9054.5	13545	12712	NA	14099	NA	0.294716581	0.530595429	8747.9	13452	Up	0.620812050285609	Isoform 3 of Melanoma inhibitory activity protein 3 OS=Mus musculus GN=Mia3
PFDN6	Q03958	5	5	48742.6	52041.4	59901.4	24884	45460.6	32759	44116.8	77848.8	53025	123855.4	0.294876681	0.530359571	46206	66321	Up	0.521385557745422	Prefoldin subunit 6 OS=Mus musculus GN=Pfdn6 PE=2 SV=1
ALKBH7	Q9D6Z0	1	1	30724	26286	61275	19409	26783	34794	34048	NA	43296	79986	0.295529697	0.529398872	32895.4	48031	Up	0.546079989978608	Alpha-ketoglutarate-dependent dioxygenase alkB homolog 7, mitochondrial OS=Mus musculus GN=Alkbh7 PE=2 SV=1
PSMC5	P62196	15	15	32684.64	33250.93	35113.86	38318.07	31787.14	38854.43	39879	43489.43	47049.93	24954.21	0.296371926	0.528162938	34230.928	38845.4	Up	0.182443363163619	26S protease regulatory subunit 8 OS=Mus musculus GN=Psmc5 PE=1 SV=1
HSP90AB1	P11499	44	44	32817.26	42334.71	30174.55	51104.42	37603.24	45244.82	38405.05	23989.89	33275.39	19844.58	0.296478573	0.528006688	38806.836	32151.946	Down	-0.271404752598419	Heat shock protein HSP 90-beta OS=Mus musculus GN=Hsp90ab1 PE=1 SV=3
DENR	Q9CQJ6	2	2	46333.5	48386.5	42490.5	62731	39946	41491	46991.5	11269.5	42149.5	51688.5	0.296797012	0.527540476	47977.5	38718	Down	-0.309353552668694	Density-regulated protein OS=Mus musculus GN=Denr PE=2 SV=1
2410015M20RIK	Q8R404	2	2	28572	32365	38303.5	26763	31024.5	27633	28696.5	49151.5	31297.5	75885	0.297728231	0.526179983	31405.6	42532.7	Up	0.437550608865958	Protein QIL1 OS=Mus musculus GN=Qil1 PE=2 SV=1
MLEC	Q6ZQI3	1	1	812	3750	1195	6359	2033	5468	6152	3517	2259	NA	0.298589498	0.524925472	2829.8	4349	Up	0.619983616594429	Malectin OS=Mus musculus GN=Mlec PE=2 SV=2
UCHL1	Q9R0P9	39	39	66975.58	77291.71	115473.82	64496.34	68489.95	60470.58	71487.39	179458.03	82768.5	140234	0.299345349	0.523827485	78545.48	106883.7	Up	0.444441694365749	Ubiquitin carboxyl-terminal hydrolase isozyme L1 OS=Mus musculus GN=Uchl1 PE=1 SV=1
UQCRC2	Q9DB77	43	43	80809.12	80386.4	118323.69	52753.64	75844.9	75952.17	75862.52	124061.33	82440.95	165701.93	0.299624962	0.523422008	81623.55	104803.78	Up	0.360633388804116	Cytochrome b-c1 complex subunit 2, mitochondrial OS=Mus musculus GN=Uqcrc2 PE=1 SV=1
GPR158	Q8C419	28	28	36139.17	49868.67	32904.62	90514.88	64590.46	84544.62	83839.38	60046.58	70725.21	46455.83	0.29970703	0.52330307	54803.56	69122.324	Up	0.33488211130089	Probable G-protein coupled receptor 158 OS=Mus musculus GN=Gpr158 PE=1 SV=2
SCAMP1	Q8K021	2	2	8115.5	14381	9085	18501.5	9393	14519	12439.5	NA	16638	NA	0.299719064	0.523285632	11895.2	14532.167	Up	0.288870288230365	Secretory carrier-associated membrane protein 1 OS=Mus musculus GN=Scamp1 PE=1 SV=1
ZDHHC5	Q8VDZ4	2	2	12940	9969.5	22583	7457	15053.5	11269	16654.5	20577	21491.5	NA	0.299904993	0.523016304	13600.6	17498	Up	0.363519734819683	Palmitoyltransferase ZDHHC5 OS=Mus musculus GN=Zdhhc5 PE=1 SV=1
PSMA8	Q9CWH6	4	4	29885.75	32892.5	32739.5	34872.5	34969	36679.75	31006	65266.5	37752	NA	0.300069638	0.522777946	33071.85	42676.063	Up	0.367823321845183	Proteasome subunit alpha type-7-like OS=Mus musculus GN=Psma8 PE=2 SV=1
GAS7	Q60780	14	14	64364.54	60831.46	55817.92	39061.38	59127.38	58161	64562.46	58568.62	82155.46	52992.54	0.300252196	0.522513807	55840.536	63288.016	Up	0.180619552067642	Growth arrest-specific protein 7 OS=Mus musculus GN=Gas7 PE=1 SV=1
C77080	A2A7S8-3	2	2	24693	22184	NA	14628	24521	23803	23472	NA	40328	NA	0.30075813	0.521782624	21506.5	29201	Up	0.441245018110385	Isoform 3 of Uncharacterized protein KIAA1522 OS=Mus musculus GN=Kiaa1522
NPEPPS	Q11011	4	4	8587.5	34058.75	8860.5	68348.25	44186.25	51563.25	67163.5	NA	31755.25	NA	0.301250828	0.521071751	32808.25	50160.667	Up	0.612497880381994	Puromycin-sensitive aminopeptidase OS=Mus musculus GN=Npepps PE=1 SV=2
CNPY2	Q9QXT0	10	10	19066.75	18645.62	13707	13383.75	15065.12	17342.75	16403.88	16532.12	20543.5	NA	0.301346086	0.520934445	15973.648	17705.563	Up	0.148508850916861	Protein canopy homolog 2 OS=Mus musculus GN=Cnpy2 PE=1 SV=1
SNX12	O70493	10	10	83344.4	84797.3	97906.9	45842.7	77719.5	73210.5	70226.8	118882.2	89465.6	109532.8	0.301599829	0.520568909	77922.16	92263.58	Up	0.243727603324923	Sorting nexin-12 OS=Mus musculus GN=Snx12 PE=1 SV=1
HIST1H3B	P84228	18	18	348901.11	152236.61	151441.28	29383.89	159839.78	89571.33	98924.61	127797.06	127877.78	92197.44	0.301699292	0.520425709	168360.53	107273.64	Down	-0.650258325974092	Histone H3.2 OS=Mus musculus GN=Hist1h3b PE=1 SV=2
APIP	Q9WVQ5	1	1	13094	8280	12862	6434	7720	9342	9762	8984	15083	17635	0.301770002	0.520323934	9678	12161.2	Up	0.329504748650856	Methylthioribulose-1-phosphate dehydratase OS=Mus musculus GN=Apip PE=1 SV=1
CNRIP1	Q5M8N0	4	4	130543.75	125892	77238.5	147503.5	109298	132115.75	124735.25	152599.5	143441.75	114347.25	0.30211398	0.519829178	118095.15	133447.9	Up	0.176326886202727	CB1 cannabinoid receptor-interacting protein 1 OS=Mus musculus GN=Cnrip1 PE=1 SV=1
SGTB	Q8VD33	2	2	243850.5	313081	395315	206171	318750.5	255851	272345	611867.5	234937.5	739086	0.302474139	0.519311751	295433.6	422817.4	Up	0.517200833688675	Small glutamine-rich tetratricopeptide repeat-containing protein beta OS=Mus musculus GN=Sgtb PE=2 SV=1
COMMD3	Q63829	1	1	36179	34341	15032	31847	34859	36658	27910	NA	34116	56113	0.30336305	0.518037318	30451.6	38699.25	Up	0.345787574116525	COMM domain-containing protein 3 OS=Mus musculus GN=Commd3 PE=2 SV=1
CSTF2T	Q8C7E9	2	2	8811	8987	NA	5879	8183	8734	1976	NA	5172	NA	0.303387186	0.518002767	7965	5294	Down	-0.589316166917274	Cleavage stimulation factor subunit 2 tau variant OS=Mus musculus GN=Cstf2t PE=1 SV=2
DIRAS1	Q91Z61	1	1	25354	41088	47074	25499	28536	37390	27155	77305	47326	NA	0.303771323	0.517453227	33510.2	47294	Up	0.497056869192028	GTP-binding protein Di-Ras1 OS=Mus musculus GN=Diras1 PE=2 SV=1
MRPL42	Q9CPV3	2	2	13297.5	14159	14973.5	9192	14537.5	13235	14482	14175	24677	NA	0.304447708	0.516487291	13231.9	16642.25	Up	0.330830259739069	39S ribosomal protein L42, mitochondrial OS=Mus musculus GN=Mrpl42 PE=2 SV=1
PSMD3	P14685	1	1	1482	1850	NA	4980	3349	4840	4021	NA	3127	NA	0.304763928	0.516036438	2915.25	3996	Up	0.454936974732065	26S proteasome non-ATPase regulatory subunit 3 OS=Mus musculus GN=Psmd3 PE=1 SV=3

HEXB	P20060	3	3	106172	117980.67	215245	44987	118586.67	81570	120249.33	222077.67	139272.67	321513.67	0.304896901	0.515846989	120594.27	176936.67	Up	0.553071724513147	Beta-hexosaminidase subunit beta OS=Mus musculus GN=Hexb PE=2 SV=2
MTO1	Q9Z3Z3	1	1	1414	4081	NA	6748	5062	6012	5119	NA	6018	NA	0.305558262	0.514905969	4326.25	5716.3333	Up	0.401973009561116	Protein MTO1 homolog, mitochondrial OS=Mus musculus GN=Mto1 PE=2 SV=1
GPRC5B	Q9Z3ZO	2	2	778	6168	1112.5	8920	8493.5	12497	10439.5	NA	3681.5	NA	0.305673961	0.514741555	5094.4	8872.6667	Up	0.800455528536048	G-protein coupled receptor family C group 5 member B OS=Mus musculus GN=Gprc5b PE=2 SV=1
UBXN4	Q8VCH8	2	2	1138	NA	3537	1644	2167	3070	3091	9817	1650	NA	0.30583976	0.514506055	2121.5	4407	Up	1.05471122179867	UBX domain-containing protein 4 OS=Mus musculus GN=Ubxn4 PE=1 SV=1
EIF3H	Q91VR2	1	1	49365	52208	87442	41656	34980	40658	44034	106561	59245	119479	0.306028584	0.514238007	53130.2	73995.4	Up	0.477903443298872	Eukaryotic translation initiation factor 3 subunit H OS=Mus musculus GN=Eif3h PE=1 SV=1
BIN1	O08539-2	33	33	101709.55	112340.58	85312	146574.18	124593.88	117794.82	111684.42	79034.61	118563.79	50504.73	0.306231928	0.513949531	114106.04	95516.474	Down	-0.256553649383917	Isoform 2 of Myc box-dependent-interacting protein 1 OS=Mus musculus GN=Bin1
PPIH	Q9D868-2	1	1	60324	73339	109065	22136	47556	37181	53109	118100	86392	181652	0.306264806	0.513902907	62484	95286.8	Up	0.608789560088224	Isoform 2 of Peptidyl-prolyl cis-trans isomerase H OS=Mus musculus GN=Ppih
ANXA6	P14824	6	6	24478	30186	26321	32393.67	32293	34810.83	33841.5	11351.17	22025.67	14731.83	0.306391127	0.513723816	29134.334	23352.2	Down	-0.31916185961953	Annexin A6 OS=Mus musculus GN=Anxa6 PE=1 SV=3
NAMPT	Q99KQ4	1	1	761	1050	3112	2504	2015	2897	2471	NA	NA	9343	0.30648658	0.513588536	1888.4	4903.6667	Up	1.37669652517247	Nicotinamide phosphoribosyltransferase OS=Mus musculus GN=Nampt PE=1 SV=1
HIST1H3A	P68433	10	10	659761.11	287949.33	279286.22	51264.22	302791.44	169771.89	192613.78	243768.78	251426.78	146081.78	0.306537764	0.513516015	316210.46	200732.6	Down	-0.655610158833535	Histone H3.1 OS=Mus musculus GN=Hist1h3a PE=1 SV=2
RBMX	Q9WV02	4	4	62616	39007.25	26592	55841	41704.75	46605.5	30757.5	10702.5	45474.75	NA	0.306638316	0.513373579	45152.2	33385.063	Down	-0.435593542331073	RNA-binding motif protein, X chromosome OS=Mus musculus GN=Rbmx PE=1 SV=1
ADSS	P46664	4	4	64427.75	61802	62098.75	40255	48710.25	52486.75	57909.5	91770	60531.25	60702.75	0.307131637	0.512675446	55458.75	64680.05	Up	0.221905694623021	Adenylosuccinate synthetase isozyme 2 OS=Mus musculus GN=Adss PE=1 SV=2
NFX1	B1AY10-3	2	2	499	NA	NA	2604	1353	2778.5	1298.5	NA	3513	NA	0.307330448	0.512394411	1485.3333	2530	Up	0.768350652962797	Isoform 3 of Transcriptional repressor NF-X1 OS=Mus musculus GN=Nfx1
GNAO1	P18872-2	31	31	54825.39	95437.45	87938.74	158243.03	96891.35	132026	149764.16	99134.94	87017.48	138425.81	0.307485375	0.512175535	98667.192	121273.68	Up	0.297624096362803	Isoform Alpha-2 of Guanine nucleotide-binding protein G(o) subunit alpha OS=Mus musculus GN=Gnao1
ECI2	Q9WUR2	6	6	13719	19643.17	29779.17	13947.33	23853.67	19261.5	21214.17	22074	24504.17	42091.33	0.308345048	0.510963021	20188.468	25829.034	Up	0.355462251953048	Enoyl-CoA delta isomerase 2, mitochondrial OS=Mus musculus GN=Eci2 PE=1 SV=2
INPPL1	Q6P549	1	1	8095	10066	8004	14093	13860	11674	18022	NA	11663	NA	0.308694631	0.510470924	10823.6	13786.333	Up	0.349058374332527	Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 2 OS=Mus musculus GN=Inppl1 PE=1 SV=1
ALDH4A1	Q8CHT0	5	5	34713.4	34237	29747.8	28530.4	28394	31552.2	31166	23693.2	33077.4	3187.2	0.309138025	0.509847573	31124.52	24535.2	Down	-0.343198556558017	Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial OS=Mus musculus GN=Aldh4a1 PE=1 SV=3
TAOK3	Q8BYC6	2	2	1219	1408.5	692	3597	3529.5	3632	2944	3084.5	1864	NA	0.309141796	0.509842274	2089.2	2881.125	Up	0.46368164555486	Serine/threonine-protein kinase TAO3 OS=Mus musculus GN=Taok3 PE=1 SV=2
CBX1	P83917	1	1	55378	48157	31222	98843	54781	50380	65565	28464	18843	NA	0.309444436	0.509417322	57676.2	40813	Down	-0.49894735443597	Chromobox protein homolog 1 OS=Mus musculus GN=Cbx1 PE=1 SV=1
2900026A02RIK	Q8BRV5	2	2	22598.5	26520.5	15970	34481.5	28045.5	31613.5	25397	NA	31989.5	NA	0.30959996	0.509199104	25523.2	29666.667	Up	0.217033615396495	Uncharacterized protein KIAA1671 OS=Mus musculus GN=Kiaa1671 PE=2 SV=1
OTUB1	Q7TQI3	4	4	26531	41870.67	20813.33	43037	44128	52265.67	67373.33	25915	41039.67	NA	0.309844094	0.508856777	35276	46648.418	Up	0.403141159193214	Ubiquitin thioesterase OTUB1 OS=Mus musculus GN=Otub1 PE=1 SV=2
MRPS11	Q9DCA2	1	1	88886	105014	93565	114821	98041	104751	107614	177216	121992	82763	0.310235726	0.508308192	100065.4	118867.2	Up	0.248407461180825	28S ribosomal protein S11, mitochondrial OS=Mus musculus GN=Mrps11 PE=2 SV=2
ENSA	P60840-3	1	1	61906	51211	58753	52210	90383	76087	96100	97429	45477	NA	0.310549216	0.507869563	62892.6	78773.25	Up	0.324815520880137	Isoform 3 of Alpha-endosulfine OS=Mus musculus GN=Ensa
SOD2	P09671	5	5	94099	100628	155284	45802.8	86157.4	72473.8	76382.4	213039.8	93576	295497.6	0.310558526	0.507856543	96394.24	150193.92	Up	0.639807565829846	Superoxide dismutase [Mn], mitochondrial OS=Mus musculus GN=Sod2 PE=1 SV=3
AK2	Q9WTP6	15	15	68971.27	72476.8	68946.87	51808.2	70227.67	65377.73	72052	77451.07	76919.47	65498.67	0.310710177	0.507644522	66486.162	71459.788	Up	0.104077535243614	Adenylate kinase 2, mitochondrial OS=Mus musculus GN=Ak2 PE=1 SV=5
EPN2	Q8CHU3-2	5	5	26155	27773.2	36180.2	17834	25993.8	22990	24107.6	31642	39464.8	42056	0.311809659	0.506110436	26787.24	32052.08	Up	0.258872040680961	Isoform 2 of Epsin-2 OS=Mus musculus GN=Epn2
ITPA	Q9DB92	9	9	80582.33	96852.22	158997.22	56368.78	101656.44	84281.11	97222.89	144380.22	117025.44	185019.11	0.312068352	0.505750272	98891.398	125585.75	Up	0.344755879609077	Inosine triphosphate pyrophosphatase OS=Mus musculus GN=Itpa PE=1 SV=2
CHMP2A	Q9DB34	8	8	29335.33	24373.38	31457.25	28887.67	25469.75	27104.5	28519.5	36735.25	27680.88	62393.75	0.312290995	0.504052088	29746.876	35950.376	Up	0.363319837130594	Charged multivesicular body protein 2a OS=Mus musculus GN=Chmp2a PE=1 SV=1
PPP1R2	Q9DCL8	6	6	54719.17	48450.33	73370.33	31113.67	53552.67	43286.83	44509.83	76077	67091.83	94263.83	0.313347299	0.503799874	52241.234	65045.864	Up	0.316268349335168	Protein phosphatase inhibitor 2 OS=Mus musculus GN=Ppp1r2 PE=1 SV=3
UQCRFS1	Q9CR68	17	17	90934.38	98161.94	108445	71029.56	79348.06	83428.31	76762.56	135462.5	92070.56	149094.06	0.313505601	0.503754695	89583.788	107363.6	Up	0.261195349332087	Cytochrome b-c1 complex subunit Rieske, mitochondrial OS=Mus musculus GN=Uqcrfs1 PE=1 SV=1
TCEAL3	Q8R0A5	1	1	17961	20449	9782	27014	19216	19668	18797	NA	26281	68867	0.313858373	0.503266281	18884.4	33403.25	Up	0.822793531042877	Transcription elongation factor A protein-like 3 OS=Mus musculus GN=Tceal3 PE=2 SV=2
CEP170	Q6A065-2	3	3	36907.67	40939	29709.33	39798	36071.33	38363.33	40978	36926.33	62048	34801.33	0.314063349	0.502982743	36685.066	42623.398	Up	0.216452730765921	Isoform 2 of Centrosomal protein of 170 kDa OS=Mus musculus GN=Cep170
LONP1	Q8CGK3	4	4	16240.5	14913.75	11488.25	16860.5	20436	17112	18090.75	9427.25	14659	5125	0.31452824	0.502340355	15987.8	12882.8	Down	-0.311525241810651	Lon protease homolog, mitochondrial OS=Mus musculus GN=Lonp1 PE=1 SV=2
TUBA1C	P68373	83	83	182336.02	222106.54	231350.37	251751.32	195958.54	234726.54	241482.74	222339.12	229147.77	228315.16	0.314538383	0.50232635	216700.56	231202.27	Up	0.093452669328473	Tubulin alpha-1C chain OS=Mus musculus GN=Tuba1c PE=1 SV=1
CDKN1B	P46414	2	2	13076	13324.5	18253	12984	14827.5	16880	16948.5	13093.5	17084.5	NA	0.314702715	0.502098413	14493	16001.625	Up	0.142862162783793	Cyclin-dependent kinase inhibitor 1B OS=Mus musculus GN=Cdkn1b PE=1 SV=2
DOK4	Q99KE3	1	1	2795	2989	1788	2892	1780	3599	2192	NA	6102	NA	0.314774145	0.502000947	2448.8	3964.3333	Up	0.695003323881039	Docking protein 4 OS=Mus musculus GN=Dok4 PE=1 SV=3
RCN2	Q8BP92	25	25	17913.68	20390.84	19223.48	25088.4	18480.52	20850.16	19794	16329.44	20776.88	11228.12	0.314809943	0.50195156	20219.384	17795.72	Down	-0.1842087407635 8	Reticulocalbin-2 OS=Mus musculus GN=Rcn2 PE=2 SV=1
RGS8	Q8BXT1	1	1	11172	10349	3964	15537	12451	14912	12767	NA	11478	NA	0.316777754	0.499245325	10694.6	13052.333	Up	0.287425213118151	Regulator of G-protein signaling 8 OS=Mus musculus GN=Rgs8 PE=2 SV=1
CACNA1C	Q01815-3	2	2	870	1062	NA	3222	2100	3043	2387	NA	2082	NA	0.31680338	0.499210193	1813.5	2504	Up	0.465457816962339	Isoform 3 of Voltage-dependent L-type calcium channel subunit alpha-1C OS=Mus musculus GN=Cacna1c
MTIF2	Q91VJ5	2	2	2197.5	2527.5	NA	4331.5	2310.5	2987	2000.5	NA	513	NA	0.31698185	0.498965604	2841.75	1833.5	Down	-0.632179374518199	Translation initiation factor IF-2, mitochondrial OS=Mus musculus GN=Mtif2 PE=1 SV=2
UNKL	Q5FWH2	1	1	24453	29752	NA	24095	38085	30385	26273	31622	34497	63264	0.317276894	0.498561554	29096.25	37208.2	Up	0.354787372867459	Putative E3 ubiquitin-protein ligase UNKL OS=Mus musculus GN=Unkl PE=2 SV=2
PRDX3	P20108	3	3	37521	30532.33	27709.33	60686.33	44346	40326.67	40921.33	24615	20976	NA	0.317875126	0.497743455	40158.998	31709.75	Down	-0.340796770047143	Thioredoxin-dependent peroxide reductase, mitochondrial OS=Mus musculus GN=Prdx3 PE=1 SV=1
PRRT1	Q3S449	1	1	17456	23028	37630	8770	12624	16004	10770	73674	28618	47720	0.318041988	0.497515541	19900.4	34237.2	Up	0.782767292143975	Proline-rich transmembrane protein 1 OS=Mus musculus GN=Prrt1 PE=1 SV=1
DSTN	Q9R0P5	18	18	167083.83	154154.89	177227.5	151044.78	140154.67	137921.72	174176.72	129882.83	167338.83	93339.94	0.318078321	0.497465929	157933.13	140532.01	Down	-0.168415116470673	Destrin OS=Mus musculus GN=Dstn PE=1 SV=3
PPP3R1	Q63810	23	23	46783.39	48865.3	38542.13	68013.96	33348.7	49290.52	47379.52	35693.91	41741.04	17765.83	0.318110964	0.497421362	47110.696	38374.164	Down	-0.295919325123255	Calcineurin subunit B type 1 OS=Mus musculus GN=Ppp3r1 PE=1 SV=3
EIF5A	P63242	6	6	217007.67	190258	335677	185568.67	167044.33	176618.17	197412.5	400597	211455	500578.17	0.318120304	0.497408611	219111.13	297332.17	Up	0.44041275921554	Eukaryotic translation initiation factor 5A-1 OS=Mus musculus GN=Eif5a PE=1 SV=2
RPS27L	Q6ZWY3	2	2	55453.5	48192	17618	57953	57730.5	50305	53631.5	NA	89890.5	NA	0.31813889	0.497383239	47389.4	64609	Up	0.447170750545672	40S ribosomal protein S27-like OS=Mus musculus GN=Rps27l PE=2 SV=3
SHD	Q88834	1	1	1211	1208	NA	2339	1963	4087	2307	NA	1586	NA	0.318147567	0.497371393	1680.25	2660	Up	0.662750341932525	SH2 domain-containing adapter protein D OS=Mus musculus GN=Shd PE=1 SV=1
ERP29	P57759	20	20	57345.37	61286.16	54771.16	43005.63	51409.05	47642.47	59493.16	64421.05	54648.21	65843.58	0.318149887	0.497368226	53563.474	58409.694	Up	0.124958293248531	Endoplasmic reticulum resident protein 29 OS=Mus musculus GN=Erp29 PE=1 SV=2
H3F3A	P84244	17	17	398563.12	171711	171045.25	34588.12	184265.38	102388.69	114486.69	155366.88	184472.69	104188.06	0.318991408	0.496221014	192034.57	124980.6	Down	-0.619661883535718	Histone H3.3 OS=Mus musculus GN=H3f3a PE=1 SV=2
DAGLA	Q6WQJ1	4	4	7192.5	14219	7362.5	21246.5	16618.25	25852.25	22204.5	15131.75	13851.5	10446.75	0.319159488	0.495992241	13327.75	17497.35	Up	0.392703196060211	Sn1-specific diacylglycerol lipase alpha OS=Mus musculus GN=Dagla PE=1 SV=2
DEF8	Q99J78	1	1	4303	3314	NA	2848	3939	3602	4160	NA	4351	NA	0.319223036	0.495905776	3601	4037.6667	Up	0.165124213024075	Differentially expressed in FDCP 8 OS=Mus musculus GN=Def8 PE=2 SV=1
SKP1A	Q9WTX5	8	8	38753.38	40073.88	34583	56198	34906.62	36385.38	40151.12	19247.75	34937.12	43294.25	0.319482856	0.495552442	40902.976	34803.124	Down	-0.232989002770117	S-phase kinase-associated protein 1 OS=Mus musculus GN=Skp1 PE=1 SV=3
ABAT	P61922-2	34	34	45596.85	49016.65	51465.09	55720	44144.91	55848.18	46159.68	66917.38	42540.53	62164.59	0.3195244	0.495495973	49188.7	54726.072	Up	0.153901383054072	Isoform 2 of 4-aminobutyrate aminotransferase, mitochondrial OS=Mus musculus GN=Abat
ATOX1	O08997	7	7	133346.71	138280.29	207377.71	184790.43	109372.86	145682	137498.14	214665.14	178797.71	235254	0.319680906	0.495283302	154633.6	182379.4	Up	0.23808935121304	Copper transport protein ATOX1 OS=Mus musculus GN=Atox1 PE=1 SV=1
NEDD4L	Q8CFI0-3	5	5	17542.4	24488.2	30432	15906.6	40467.6	26335.6	39053.6	40430.8	31045.8	22351.6	0.319773793	0.495157131	25767.36	31843.48	Up	0.305453275596993	Isoform 3 of E3 ubiquitin-protein ligase NEDD4-like OS=Mus musculus GN=Nedd4l
NDUFS5	Q99LY9	15	15	104379.64	88967.5	119230.86	50332.57	99551.07	76831.71	79561.93	180151.57	118688.07	126042.57	0.319967495	0.494894138	92492.328	116255.17	Up	0.329889268068642	NADH dehydrogenase [ubiquinone] iron-sulfur protein 5 OS=Mus musculus GN=Ndufs5 PE=1 SV=3
GSPT1	Q8R050-2	1	1	22779	31793	44186	71053	26480	37637	35176	22025	26473	NA	0.320220428	0.494550967	40258.2	30327.75	Down	-0.408644199666079	Isoform 2 of Eukaryotic peptide chain release factor GTP-binding subunit ERF3A OS=Mus musculus GN=Gspt1
DDT	O35215	1	1	9093	4468	NA	20293	8475	15199	13615	NA	15066	NA	0.320440344	0.49425281	10582.25	14626.667	Up	0.466954618860243	D-dopachrome decarboxylase OS=Mus musculus GN=Ddt PE=1 SV=3
JPH4	Q80WT0	2	2	22146	30837	21240.5	16100	36266	28976.5	34855.5	17019	51798.5	29825	0.320899437	0.493631045	25317.9	32494.9	Up	0.360055563229257	Junctophilin-4 OS=Mus musculus GN=Jph4 PE=2 SV=1
EIF5A2	Q8BGY2	5	5	259851.4	227023.2	402273.8	221430.2	199384.8	210713.4	235810.4	478803.6	251412	600693.8	0.32105202	0.493424593	261992.68	355486.64	Up	0.440268837246196	Eukaryotic translation initiation factor 5A-2 OS=Mus musculus GN=Eif5a2 PE=2 SV=3
DTNA	Q9D2N4-3	2	2	27069	62960.5	88387	49642	65449	86139.5	86225.5	61506	116482	34059.5	0.321151201	0.49329045	58701.5	76882.5	Up	0.389257880202749	Isoform 3 of Dystrobrevin alpha OS=Mus musculus GN=Dtna
SNX6	Q6PBX1	3	3	52641.67	54089.33	23752.33	70852.33	59999	46873.67	53945.33	18361	56949.33	27697	0.321347764	0.493024718	52266.932	40765.266	Down	-0.358558048618362	Sorting nexin-6 OS=Mus musculus GN=Snx6 PE=1 SV=2
UBE2V1	Q9CZY3	21	21	82049.37	83946.21	48981.42	71344.68	82604.89	73519.11	86242.11	33020.63	76267.16	21818.32	0.321636332	0.4926349	73785.314	58173.466	Down	-0.342972432198612	Ubiquitin-conjugating enzyme E2 variant 1 OS=Mus musculus GN=Ube2v1 PE=1 SV=1
GM2A	Q60648	1	1	3124	7297	5314	8978	5120	9525	5942	NA	7200	NA	0.321812266	0.492397407	5966.6	7555.6667	Up	0.340649993638755	Ganglioside GM2 activator OS=Mus musculus GN=Gm2a PE=1 SV=2
VPS26B	Q8C0E2	2	2	6404.5	10934.5	8704	2111.25	10979.5	15325.5	19005	NA	11419	NA	0.321823224	0.492382297	11639	5249.833	Up	0.389826635381149	Vacuolar protein sorting-associated protein 26B OS=Mus musculus GN=Vps26b PE=1 SV=1
GPX1	P11352	7	7	45405.67	41386.67	85402	13986.67	40039.17	31908.67	36019.33	126508.67	56858.83	87379.67	0.321899588	0.492279579	45244.036	67735.034	Up	0.58217458853154	Glutathione peroxidase 1 OS=Mus musculus GN=Gpx1 PE=1 SV=2
ARHGAP44	Q5SSM3-3	2	2	70295	92157	100096.5	82647.5	73624.5	78728	86247.5	26530	95075	59549	0.322131119	0.491967318	83764.1	69225.9	Down	-0.275020154498135	Isoform 3 of Rho GTPase-activating protein 44 OS=Mus musculus GN=Arhgap44
MAP4K4	P97820	1	1	73635	110221	49527	103429	111780	111081	141391	65978	129160	NA	0.322435811	0.491556729	89718.4	111902.5	Up	0.31876647039390 2	Mitogen-activated protein kinase kinase kinase kinase 4 OS=Mus musculus GN=Map4k4 PE=1 SV=1
PPP2R2D	Q925E7	2	2	15629.5	15779	14988.5	41689.5	13474	21947.5	13850	8066.5	11589.5	14415	0.322749435	0.49113451	20312.1	13973.7	Down	-0.539625330117897	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta isoform OS=Mus musculus GN=Ppp2r2d PE=2 SV=1
GPRIN1	Q3UNH4	66	66	37086.32	39017.55	39814.44	51520.91	37776.94	44657.15	48346.33	38428.74	59174.36	39126.15	0.323042414	0.490740453	41043.232	45946.546	Up	0.162812069761699	G protein-regulated inducer of neurite outgrowth 1 OS=Mus musculus GN=Gprin1 PE=1 SV=2
CDC42BPB	Q7TT50	11	11	11637.91	23747.09	15822.18	29085.09	23860.36	29883.09	34179.91	17518.45	32646.24	22870.18	0.323457238	0.490183127	20830.526	25359.654	Up	0.283835791973526	Serine/threonine-protein kinase MRCK beta OS=Mus musculus GN=Cdc42bpb PE=1 SV=2
ERLIN1	Q91XT8	1	1	1059	1310	NA	5129	1154	3713	3008	NA	NA	NA	0.323996659	0.489459468	2163	3360.5	Up	0.635642238494048	Erlin-1 OS=Mus musculus GN=Erlin1 PE=1 SV=1
ENO2	P17183	41	41	61701.95	60567.73	64553.73	54358.39	66146.76	65727.15	67601.05	60718.98	61041.9	65220.9	0.324043606	0.489396544	61465.712	64061.996	Up	0.059686906712679	Gamma-enolase OS=Mus musculus GN=Eno2 PE=1 SV=2
ARHGEF2	Q60875-5	14	14	38572.46	39598.54	33540.15	51928.46	51639.62	60443.08	58387.08	49386.62	61155	26218.23	0.324421186	0.488890793	43055.846	51118.002	Up	0.247622312217849	Isoform 5 of Rho guanine nucleotide exchange factor 2 OS=Mus musculus GN=Arhgef2
NIPSNAP1	O55125	8	8	70318.62	59999.25	60121.62	69627.25	63420.25	72280.12	50121.88	69379.38	82286.62	199267.12	0.324598362	0.488653675	64697.398	94667.024	Up	0.5491542784773 6	Protein NipSnap homolog 1 OS=Mus musculus GN=Nipsnap1 PE=1 SV=1
PITRM1	Q8K411-3	3	3	126257.67	125951	141144	99856.33	121128	130774.67	115119.67	157940.67	156538	115181	0.324796819	0.488388233	122867.4	135110.8	Up	0.137040840593509	Isoform 3 of Presequence protease, mitochondrial OS=Mus musculus GN=Pitrm1
VCL	Q64727	7	7	28675.43	28879.71	15758.57	27314.14	27999.29	25846.14	28102.43	36828.86	30438	24738.43	0.325032988	0.48807256	25725.428	29190.772	Up	0.182317286112089	Vinculin OS=Mus musculus GN=Vcl PE=1 SV=4
PGLS	Q9CQ60	12	12	48758.42	54284.75	66919.17	45560.42	50792.83	50317.58	52986.33	79912	67115.5	52041.5	0.325038682	0.488064952	53263.118	60474.582	Up	0.18319200657169	6-phosphogluconolactonase OS=Mus musculus GN=Pgls PE=2 SV=1
PACSIN2	Q9WVE8	8	8	33314.5	38107.12	22442	52355.75	37736.25	45758.88	37235	24225.75	27189.75	5966.5	0.32510517	0.487976124	36791.124	28075.176	Down	-0.390062685798652	Protein kinase C and casein kinase substrate in neurons protein 2 OS=Mus musculus GN=Pacsin2 PE=1 SV=1
SSB	P32067	1	1	20791	28151	20817	14394	27534	21847	26902	NA	43068	NA	0.326161742	0.486566982	22337.4	30605.667	Up	0.454337523302989	Lupus La protein homolog OS=Mus musculus GN=Ssb PE=1 SV=1
NDUFA13	Q9ERS2	8	8	24432.75	33349.5	18713.62	29629.38	25554	29150.88	31187.12	15663.88	22411.62	1548.25	0.326236992	0.486466796	26335.85	19992.35	Down	-0.397579960215448	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13 OS=Mus musculus GN=Ndufa13 PE=1 SV=3
NDUFA1	O35683	1	1	26979	66714	NA	38694	86792	69288	72932	94410	52303	NA	0.326323079	0.48635221	54794.75	72233.25	Up	0.398625411037227	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 1 OS=Mus musculus GN=Ndufa1 PE=3 SV=1
SORCS3	Q8VI51	1	1	78269	68710	164823	11630	60396	43511	57439	181125	94772	262285	0.326604019	0.485978475	76765.6	127826.4	Up	0.735653962879745	VPS10 domain-containing receptor SorCS3 OS=Mus musculus GN=Sorcs3 PE=1 SV=1
TUBA1A	P68369	101	101	161202.88	196082.91	205666.41	219910.24	174227.77	206862.54	213619.55	196179.7	202070.03	198787.02	0.326685679	0.485869904	191418.04	203503.77	Up	0.088328690498415	Tubulin alpha-1A chain OS=Mus musculus GN=Tuba1a PE=1 SV=1
GRSF1	Q8CSQ4	2	2	3037	3185	NA	3984	4166	4025	2371	NA	1762	NA	0.327176003	0.485218558	3593	2719.3333	Down	-0.401935928930797	G-rich sequence factor 1 OS=Mus musculus GN=Grsf1 PE=1 SV=2
ACAT1	Q8QZT1	74	74	96647.59	99295.64	130905.33	76128.37	88471	84461.75	95858.96	159616.75	101925.77	138277.62	0.327242632	0.485130123	98289.586	116028.17	Up	0.239364640816773	Acetyl-CoA acetyltransferase, mitochondrial OS=Mus musculus GN=Acat1 PE=1 SV=1
HCN2	O88703	4	4	2800	3214	2660.33	6540	5816.67	6133	7192.67	NA	3669.67	NA	0.327953208	0.484188117	4206.2	5665.1333	Up	0.429587367946808	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2 OS=Mus musculus GN=Hcn2 PE=1 SV=1
THOP1	Q8C1A5	2	2	6540.5	6319.5	11098	11049	7157	10997.5	8395.5	NA	10152	NA	0.328066886	0.484037603	8432.8	9848.3333	Up	0.223867854508666	Thimet oligopeptidase OS=Mus musculus GN=Thop1 PE=1 SV=1
DGKZ	Q80UP3	6	6	20460.83	17767.67	28946.5	12749	16544.33	15024.83	15388.33	34781.83	20085.5	56181	0.328180133	0.483887714	19293.666	28292.298	Up	0.552282065555733	Diacylglycerol kinase zeta OS=Mus musculus GN=Dgkz PE=1 SV=2
TOMM70A	Q9CZW5	31	31	32056.65	38395.19	47475.71	58319.61	45745.03	46473.77	43591.68	48581.39	45859.32	87257.13	0.328588003	0.483348297	44398.438	54352.658	Up	0.291841667468963	Mitochondrial import receptor subunit TOM70 OS=Mus musculus GN=Tomm70a PE=1 SV=2
MRPS28	Q9CY16	7	7	24091.5	22025.83	31581.17	19620.5	21541	24719.33	21278.17	30645.67	25283.83	31775.67	0.328916899	0.482913812	23772	26740.534	Up	0.169764989821062	28S ribosomal protein S28, mitochondrial OS=Mus musculus GN=Mrps28 PE=1 SV=1
CSE1L	Q9ERK4	1	1	NA	NA	NA	1796	673	2515	1761	NA	NA	NA	0.328982276	0.482

DDX42	Q810A7	2	2	2502	1872	1653.5	5677	2612.5	4368.5	4113	NA	2854	NA	0.330712414	0.480549502	2863.4	3778.5	Up	0.40008440243630	ATP-dependent RNA helicase DDX42 OS=Mus musculus GN=Ddx42 PE=1 SV=3
CCDC85A	Q5SP85-3	2	2	16883	15230.5	NA	20593	20249	21423.5	17721	NA	21360	NA	0.33117933	0.479936777	18238.875	20168.167	Up	0.14506320082585 9	Isoform 3 of Coiled-coil domain-containing protein 85A OS=Mus musculus GN=Ccdc85a
OXR1	Q4KMM3	18	18	32632.93	37595.2	32328.4	44275.87	41723.53	42970.87	43196.07	37254.8	40015.27	39151.67	0.333132361	0.479762361	37711.186	40517.736	Up	0.10356103995045 9	Oxidation resistance protein 1 OS=Mus musculus GN=Oxr1 PE=2 SV=3
AGAP3	Q8VHH5	4	4	72147.67	59951.67	115084.67	56127.33	66256	57977	84243.33	160832.33	82324.33	90568	0.331951675	0.478925135	73913.468	95188.998	Up	0.36495756941489 8	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 3 OS=Mus musculus GN=Agap3 PE=1 SV=1
PARG	O88622	1	1	7402	8635	10811	11180	9111	10446	11027	8625	11569	NA	0.331978619	0.478889885	9427.8	10416.75	Up	0.14391217116685 2	Poly(ADP-ribose) glycohydrolase OS=Mus musculus GN=Parg PE=1 SV=2
PPP1R1B	Q60829	17	17	21341.76	22227.06	17365.18	13398.06	23724.76	19551.35	15615.24	15010	23725.47	5639.41	0.332209497	0.478587957	19611.364	15908.294	Down	-0.30191075097971 3	Protein phosphatase 1 regulatory subunit 1B OS=Mus musculus GN=Ppp1r1b PE=2 SV=2
HOMER1	Q9Z2Y3-3	5	5	36673.5	44412.75	50015.5	177525.75	26604.25	48223	29530.75	25595.75	33720.5	43768	0.332819228	0.477791591	67046.35	36167.6	Down	-0.89046092682505 4	Isoform 3 of Homer protein homolog 1 OS=Mus musculus GN=Homer1
IDE	Q9JHR7	1	1	73436	102221	94394	78173	141314	98280	224968	32422	108628	270881	0.333038029	0.477506172	97907.6	147035.8	Up	0.58667470515633 7	Insulin-degrading enzyme OS=Mus musculus GN=Ide PE=1 SV=1
PTPN23	Q6PB44	3	3	22720	29593	43586	43391	36721.33	40016.67	41788.33	35999	34249.67	48907.67	0.333039858	0.477503787	35202.266	40192.268	Up	0.19124968924856	Tyrosine-protein phosphatase non-receptor type 23 OS=Mus musculus GN=Ptpn23 PE=1 SV=2
CMC1	Q9CPZ8	1	1	70460	62374	51938	34817	50516	41221	48571	24326	73589	26472	0.333190231	0.477307741	54021	42835.8	Down	-0.33470331381902	COX assembly mitochondrial protein homolog OS=Mus musculus GN=Cmc1 PE=3 SV=1
PRDX2	Q61171	15	15	55103.6	56183.4	63471.27	65780.87	54257.73	55945.13	53270.8	44621.47	54247.2	65532.47	0.333670607	0.476682048	58959.374	54723.414	Down	-0.10756296906207 6	Peroxiredoxin-2 OS=Mus musculus GN=Prdx2 PE=1 SV=3
SYBU	Q8BHS8-4	2	2	6197.5	4611	13579	4294	4266	6658.5	5770.5	13440.5	11075.5	NA	0.334246477	0.475933162	6589.5	9236.25	Up	0.48713822329356 2	Isoform 4 of Syntabulin OS=Mus musculus GN=Sybu
PPP3CC	P48455	2	2	43821.5	46413	79329	38704	38769.5	47157.5	52974	96250	58128	NA	0.334731218	0.475303783	49407.4	63627.375	Up	0.36492046540124 8	Serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform OS=Mus musculus GN=Ppp3cc PE=2 SV=1
PSMA3	O70435	3	3	31675	35965.67	17840	28654.33	28315.33	35782.67	25953.67	NA	44554	NA	0.334950986	0.475018739	28490.066	35430.113	Up	0.31451711652704	Proteasome subunit alpha type-3 OS=Mus musculus GN=Psma3 PE=1 SV=3
PITPNM2	Q6ZPQ6	3	3	57555.33	62678	104243.67	39608	95352.33	52064.33	69033	123165.67	70781.67	306562	0.334966091	0.474999155	71887.466	124321.33	Up	0.79026173404320 5	Membrane-associated phosphatidylinositol transfer protein 2 OS=Mus musculus GN=Pitpnm2 PE=1 SV=2
VIP	P32648	2	2	56120	45373.5	109279	28989	47232.5	47707.5	45405	84996.5	96547.5	108600.5	0.335232058	0.474654457	57398.8	76651.4	Up	0.41729156652401 2	VIP peptides OS=Mus musculus GN=Vip PE=1 SV=1
KIF21A	Q9QXL2-3	15	15	33317.29	37265.57	30165.36	31529.43	43228.79	45423.36	42489.71	31863.64	43864.5	31588.5	0.335381794	0.474460517	35101.288	39045.942	Up	0.15364864903693 8	Isoform 3 of Kinesin-like protein KIF21A OS=Mus musculus GN=Kif21a
COX6A1	P43024	16	16	67265.6	54328.13	79465.2	26675.93	54978.13	45502.53	47868.27	109796.67	74417.47	80990.4	0.335551441	0.474240892	56542.598	71715.068	Up	0.34293810121476 2	Cytochrome c oxidase subunit 6A1, mitochondrial OS=Mus musculus GN=Cox6a1 PE=1 SV=2
NDUFA10	Q99LC3	17	17	70862.94	70589.82	110485.06	41148	62198.82	62082.82	63306.47	105833.82	76269.41	158139.71	0.335598904	0.474179466	71056.928	93126.446	Up	0.39021560369241 4	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial OS=Mus musculus GN=Ndufa10 PE=1 SV=1
SMAP1	Q91VZ6	10	10	82261.1	76333.7	127644.8	43667.4	83301.8	56580.6	79197.3	136459.4	95822.4	173703.3	0.335865513	0.473834588	82641.76	108352.6	Up	0.39079088802858	Stromal membrane-associated protein 1 OS=Mus musculus GN=Smap1 PE=1 SV=1
NPY	P52774	2	2	20206.5	18574	30436.5	18150.5	20241.5	21523	16924.5	31479.5	23156	35847.5	0.335912701	0.473773575	21521.8	25786.1	Up	0.26079484858942	Pro-neuropeptide Y OS=Mus musculus GN=Npy PE=1 SV=2
TRMT112	Q9DCG9	3	3	29328.67	28111.67	42087.67	15319.33	26414.33	22783.33	23994.67	48280.67	36822	43502.67	0.336036245	0.473613876	28252.334	35076.668	Up	0.31214165261860 5	tRNA methyltransferase 112 homolog OS=Mus musculus GN=Trmt112 PE=2 SV=1
FMNL1	Q9JLZ6-2	2	2	864	4008.5	1394.5	4314.5	7082.5	7547	6800	3215	3218	NA	0.336554097	0.472945119	3532.8	5195	Up	0.55631167190076 7	Isoform 2 of Formin-like protein 1 OS=Mus musculus GN=Fmnl1
NAXD	Q9CZ42-3	5	5	54224.6	52296.6	49362.4	62075.4	44513.8	62141	52344.4	37517.6	49332	19785.4	0.336596838	0.472889968	52494.56	44224.08	Down	-0.24733579371493 4	Isoform 3 of ATP-dependent (S)-NAD(P)H-hydrate dehydratase OS=Mus musculus GN=Carkd
SMCR8	Q3UMB5	1	1	616	777	NA	2965	661	3128	1032	NA	2283	NA	0.336996971	0.472374002	1254.75	2147.6667	Up	0.77537014794076 6	Smith-Magenis syndrome chromosomal region candidate gene 8 protein homolog OS=Mus musculus GN=Smcr8 PE=1 SV=2
HDGFRP3	Q9JMG7	1	1	24040	14115	15582	6592	11015	10318	12574	28627	15295	31124	0.338000896	0.471082149	14268.8	19587.6	Up	0.45707663018825 8	Hepatoma-derived growth factor-related protein 3 OS=Mus musculus GN=Hdgfrp3 PE=1 SV=2
XKR7	Q5GH64	1	1	4339	5694	10055	5111	7862	7423	8242	6340	6695	36728	0.338802972	0.470052788	6612.2	13085.6	Up	0.98477808481547	XK-related protein 7 OS=Mus musculus GN=Xkr7 PE=2 SV=1
CELF6	Q7TN33	1	1	32965	35344	25273	39664	37043	36893	34157	NA	40859	NA	0.339688466	0.468692199	34059.8	37301.667	Up	0.13124229775729 9	CUGBP Elav-like family member 6 OS=Mus musculus GN=Celf6 PE=2 SV=1
VPS35	Q9EQH3	3	3	1566	4796	3505	8783	4372	7406	7920	NA	3925	5331	0.339780964	0.468800955	4604.4	6145.5	Up	0.41651722276487	Vacuolar protein sorting-associated protein 35 OS=Mus musculus GN=Vps35 PE=1 SV=1
SIK3	Q6P4S6	3	3	14090.67	21069.33	31339.67	15574.67	15153.33	18518.33	21038.67	19650.67	25561.67	34404	0.340403675	0.46800576	19445.534	23834.668	Up	0.29362676206157	Serine/threonine-protein kinase SIK3 OS=Mus musculus GN=Sik3 PE=1 SV=3
SFXN3	Q91V61	7	7	43031.57	75123.43	47512	104273	71092.43	93490.57	99572.29	94598.86	58718.43	65185.43	0.340540262	0.467831534	68206.486	82313.116	Up	0.27121339515787	Sideroflexin-3 OS=Mus musculus GN=Sfxn3 PE=1 SV=1
IPCEF1	Q5DU31-3	1	1	13376	15311	30890	7337	17015	13299	18483	20042	22985	37996	0.340570256	0.467793285	16785.8	22561	Up	0.42658971901307 6	Isoform 3 of Interactor protein for cytohesin exchange factors 1 OS=Mus musculus GN=Ipcef1
6430548M08RIK	Q880A7	8	8	45344.5	44704.38	57850.12	52882	68850	50971.75	61592.25	55559.38	53809.88	103724.5	0.341078179	0.467146064	53926.2	65131.552	Up	0.27237022918532	Uncharacterized protein KIAA0513 OS=Mus musculus GN=Kiaa0513 PE=2 SV=1
KALRN	A2CG49-7	1	1	1137	3635	2123	3564	3700	4085	3943	4977	1816	NA	0.341153546	0.467050111	2831.8	3705.25	Up	0.38785151051033 4	Isoform 7 of Kalirin OS=Mus musculus GN=Kalrn
CAR4	Q64444	1	1	8547	14053	22967	7663	12086	8693	15805	37432	17339	19080	0.341607399	0.466472731	13353.6	19299.8	Up	0.53357166381632	Carbonic anhydrase 4 OS=Mus musculus GN=Ca4 PE=1 SV=1
RPL5	P47962	7	7	87296.71	112839.86	122005.71	90747.14	92744.71	91431.57	112126.43	111898.29	116871.43	115537.86	0.341729097	0.466318041	101126.83	109573.12	Up	0.11572812041644 7	60S ribosomal protein L5 OS=Mus musculus GN=Rpl5 PE=1 SV=3
LRFN1	Q2WF71	3	3	3131.5	8061	6045.5	9356	10521	13505.5	17213.5	4251.5	6416	9527.5	0.342327651	0.46555802	7423	10182.8	Up	0.45060044893262	Leucine-rich repeat and fibronectin type III domain-containing protein 1 OS=Mus musculus GN=Lrfn1 PE=1 SV=1
CPT1C	Q8BGD5	1	1	509	5613	1407	7634	4321	5449	6139	NA	4512	NA	0.342582912	0.465234304	3896.8	5366.6667	Up	0.46173639421 51	Carnitine O-palmitoyltransferase 1, brain isoform OS=Mus musculus GN=Cpt1c PE=1 SV=1
TCERG1	Q8CGF7-3	1	1	55153	52898	NA	34754	46848	57513	44370	NA	63816	NA	0.343136227	0.464533428	47413.25	55233	Up	0.22024020225649 3	Isoform 3 of Transcription elongation regulator 1 OS=Mus musculus GN=Tcerg1
PHF24	Q80TL4	18	18	20291.65	22335.06	23463.53	23950.18	23353.65	25003.18	23093.35	19635.18	24736.47	42529.82	0.343479185	0.464099576	22678.814	26999.6	Up	0.25159238068847	Protein KIAA1045 OS=Mus musculus GN=Kiaa1045 PE=2 SV=2
HIBADH	Q99L13	8	8	42510.12	47827	54930.62	27787.12	45138.25	37632.88	40172.75	66021.25	40758.38	101998.62	0.343616453	0.463926049	43638.622	57316.776	Up	0.39335191638277	3-hydroxyisobutyrate dehydrogenase, mitochondrial OS=Mus musculus GN=Hibadh PE=1 SV=1
ZFP598	Q80YR4-3	2	2	511.5	721.5	NA	2228	598.5	1872	2272	NA	796.5	NA	0.343811894	0.463679103	1014.875	1646.8333	Up	0.69839251079869 6	Isoform 3 of Zinc finger protein 598 OS=Mus musculus GN=Znf598
DNAL1	Q05A62-3	1	1	52470	49939	59393	31164	41586	46093	53065	21609	80710	129938	0.343944999	0.463511001	46110.4	66283	Up	0.52354672015646 4	Isoform 3 of Dynein light chain 1, axonemal OS=Mus musculus GN=Dnal1
SNX3	O70492	15	15	118997.07	110372.29	149158.57	60961.79	105738.79	88464.57	112079.64	140778.79	164795	136082.64	0.344000387	0.463441069	109045.7	128440.13	Up	0.23616310017330 5	Sorting nexin-3 OS=Mus musculus GN=Snx3 PE=1 SV=3
TUBA8	Q9JIZ2	40	40	284778.69	342659.26	349046.36	402476.28	306201.62	372452.38	378218.1	361163.28	372795.18	318094.33	0.344312145	0.463047658	337032.44	360544.65	Up	0.09729048175591 86	Tubulin alpha-8 chain OS=Mus musculus GN=Tuba8 PE=1 SV=1
MYL4	P09541	1	1	9783	12750	NA	10164	14391	11472	13831	NA	23223	NA	0.344758094	0.462485528	11772	16175.333	Up	0.45843595484758	Myosin light chain 4 OS=Mus musculus GN=Myl4 PE=2 SV=3
CFL2	P45591	15	15	88123.67	83855.33	108680.27	99870.33	73614.13	79924.93	93729.07	79539.8	92076.13	71166.67	0.344872488	0.46234145	90828.746	83287.32	Down	-0.12505209159171 7	Cofilin-2 OS=Mus musculus GN=Cfl2 PE=1 SV=1
MAP2K1	P31938	4	4	13579.5	17685	15245.75	37449	12612	22699	15377.5	8003.25	14258.25	9188.5	0.345198982	0.461930494	19314.25	13905.3	Down	-0.47403078628663	Dual specificity mitogen-activated protein kinase kinase 1 OS=Mus musculus GN=Map2k1 PE=1 SV=2
HSPA4	Q61316	39	39	56501.86	58281	62843.22	67588.51	59259.16	61073.49	68396.68	54120.27	65652.43	77614.78	0.345508986	0.461540654	60894.75	65371.53	Up	0.10234461088324 5	Heat shock 70 kDa protein 4 OS=Mus musculus GN=Hspa4 PE=1 SV=1
MAST1	Q9R115	3	3	11419	14856.33	5822	16600.33	17179	15117	17845	11666.67	17944.67	15488.33	0.345488888	0.46149905	13175.332	15612.334	Up	0.24484691606355 2	Microtubule-associated serine/threonine-protein kinase 1 OS=Mus musculus GN=Mast1 PE=1 SV=3
GSN	P13020	3	3	5663	8000	NA	11638.67	8591.67	8082.33	7767	NA	2721.67	NA	0.345791668	0.461185475	8473.335	6190.3333	Down	-0.45291281113776 3	Gelsolin OS=Mus musculus GN=Gsn PE=1 SV=3
COQ9	Q8K120	3	3	2765	2035.33	1253.33	6742	2987	4934.67	4390.67	NA	3389	NA	0.346021431	0.460897002	3156.532	4238.1133	Up	0.42508179119978 3	Ubiquinone biosynthesis protein COQ9, mitochondrial OS=Mus musculus GN=Coq9 PE=1 SV=1
TIMM13	P62075	6	6	59912.83	54549.67	82913.5	47297	55655	55635	57315.17	91249.17	59849	84935	0.346224032	0.460642791	60065.6	69796.668	Up	0.21661918009043 5	Mitochondrial import inner membrane translocase subunit Tim13 OS=Mus musculus GN=Timm13 PE=1 SV=1
LLGL1	Q80Y17	4	4	16241.25	23326.75	19162.5	18261.25	21690.25	17666.5	17301.25	14501	21641	NA	0.347173325	0.459453651	19736.4	17777.438	Down	-0.15081147611278 9	Lethal(2) giant larvae protein homolog 1 OS=Mus musculus GN=Llgl1 PE=1 SV=1
PTPRF	A2A8L5	2	2	5553.5	9239.5	3980	18225.5	11455.5	13949	12234.5	NA	11134	NA	0.347392078	0.45918009	9690.8	12439.167	Up	0.36020216486668	Receptor-type tyrosine-protein phosphatase F OS=Mus musculus GN=Ptprf PE=1 SV=1
MRPL10	Q3TBW2	1	1	59527	60770	120354	28446	48903	50209	50949	118108	71997	155814	0.347635409	0.458875995	63600	89415.4	Up	0.49149656243432 4	39S ribosomal protein L10, mitochondrial OS=Mus musculus GN=Mrpl10 PE=2 SV=2
DDAH2	Q99LD8	9	9	47415.12	56949.12	64846.88	34700.5	49481.12	40274.5	50988	66575.12	68633.88	63770.88	0.347648284	0.45885991	50678.548	58048.476	Up	0.19588300102769 1	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2 OS=Mus musculus GN=Ddah2 PE=1 SV=1
PSMD2	Q8VDM4	1	1	2591	14053	NA	7720	192	4136	7695	NA	NA	NA	0.347684334	0.458814877	3289	5336.6667	Up	0.69828893847061	26S proteasome non-ATPase regulatory subunit 2 OS=Mus musculus GN=Psmd2 PE=1 SV=1
MPST	Q99J99	11	11	51881.45	61268.55	81402.73	52186.91	54567.45	53293.36	63731.27	66781.18	65229.45	105643.45	0.347721684	0.458768226	60261.418	70935.742	Up	0.23527811231575	3-mercaptopyruvate sulfurtransferase OS=Mus musculus GN=Mpst PE=1 SV=3
GLOD4	Q9CPV4	7	7	84397.14	86324	96433.29	77874.29	79098.57	77760.71	79670.43	71811.14	73562.71	95004.43	0.348706185	0.457540349	84825.458	79561.884	Down	-0.09241987539914	Glyoxalase domain-containing protein 4 OS=Mus musculus GN=Glod4 PE=1 SV=1
TMX2	Q9D710	5	5	12496.8	10946.6	17705.2	17617.8	16389.2	16296	19056.8	34269.4	17300.6	10157.6	0.348820438	0.457398077	15031.12	19416.08	Up	0.36929944648751	Thioredoxin-related transmembrane protein 2 OS=Mus musculus GN=Tmx2 PE=2 SV=1
NAPB	P28663	23	23	35606.78	39828.7	50636.78	35725.13	60539.7	37945.04	42572.83	54460.91	49338.17	114917.35	0.348966695	0.457216019	44467.418	59846.86	Up	0.42852691786289 7	Beta-soluble NSF attachment protein OS=Mus musculus GN=Napb PE=1 SV=2
EIF4B	Q8BGD9	9	9	108370.22	109928	138772.78	61902.11	88530.11	89332.56	98392.78	140104.44	133602.22	124915.11	0.349131313	0.457011199	101500.64	117755.42	Up	0.21430408634837	Eukaryotic translation initiation factor 4B OS=Mus musculus GN=Eif4b PE=1 SV=1
PSD2	Q9E1J6-3	1	1	6138	12312	9831	12596	12820	14721	14115	NA	9719	NA	0.349522197	0.456525238	10739.4	12851.667	Up	0.25904207368108	Isoform 3 of PH and SEC7 domain-containing protein 2 OS=Mus musculus GN=Psd2
PALM	Q920P4-2	34	34	28028.23	39578.94	31652.9	49821.97	47773.71	53424.39	56897.87	30949.77	49274.32	29016.16	0.350094303	0.455814956	39371.15	45912.502	Up	0.22174820074427	Isoform 2 of Paralemmin-1 OS=Mus musculus GN=Palm
AARS	Q8BGQ7	12	12	22491.67	31401.83	42038.92	39242.83	32926	35260.75	37236	33300.67	41325.17	38898	0.350594294	0.455193918	33620.25	37404.118	Up	0.15386665963501	Alanine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Aars PE=1 SV=1
UBXN2B	Q0KL01	2	2	6127	7881	NA	12503.5	8297	9077	6855.5	NA	3823	NA	0.350821154	0.454914227	8702.125	6585.1667	Down	-0.40214778556421	UBX domain-containing protein 2B OS=Mus musculus GN=Ubxn2b PE=1 SV=2
ERP44	Q9D1Q6	2	2	31860	45310	27788.5	32916.5	33796.5	34576	30685	NA	26197.5	NA	0.351277851	0.454349233	34334.3	30486.167	Down	-0.17149579324243	Endoplasmic reticulum resident protein 44 OS=Mus musculus GN=Erp44 PE=1 SV=1
ACAT2	Q8CAY6	13	13	70296	73679.08	65893	57271.46	83330	71376.85	86098.69	63931.23	102190.92	68167.23	0.351515287	0.454055783	70093.908	78352.984	Up	0.16069915724661	Acetyl-CoA acetyltransferase, cytosolic OS=Mus musculus GN=Acat2 PE=1 SV=2
TXN1	P10639	6	6	65557.17	70548.17	70150.33	105423	62503.5	75832.5	79603.33	97462.17	80508.5	84461.5	0.352557301	0.452770287	74836.434	83573.6	Up	0.15930646749729 3	Thioredoxin OS=Mus musculus GN=Txn PE=1 SV=3
AHDC1	Q6PAL7	1	1	8513	7302	7382	7621	9720	7293	9964	NA	12861	NA	0.352557909	0.452769539	8107.6	10039.333	Up	0.30831665136718 2	AT-hook DNA-binding motif-containing protein 1 OS=Mus musculus GN=Ahdc1 PE=1 SV=1
MRPS21	P58059	4	4	30405.25	28673	42576.25	19550.25	24399.25	26397.5	36925.5	33005.5	39238	32278.5	0.352626295	0.452685306	29120.8	33569	Up	0.20507957120043 5	28S ribosomal protein S21, mitochondrial OS=Mus musculus GN=Mrps21 PE=2 SV=1
CNP94	Q8BQ47	3	3	26240.67	22533.33	16006.33	15939	21995.33	21976.67	20816.33	NA	31697.33	NA	0.353132431	0.452062396	20542.332	24830.11	Up	0.27348654711386 2	Protein canopy homolog 4 OS=Mus musculus GN=Cnpy4 PE=1 SV=1
P4HB	P09103	23	23	34370.79	39891.63	30133.11	53938.95	38671.21	39633.42	40473.79	30093.95	39687	17928.21	0.353446516	0.451676294	39401.138	33563.274	Down	-0.23135384544199 5	Protein disulfide-isomerase OS=Mus musculus GN=P4hb PE=1 SV=2
PPP2R1A	Q76MZ3	13	13	29249.92	40526	42070.85	39831.38	40566.62	39679.38	37018	29282.77	35442.38	36483.77	0.353560636	0.451536094	38448.954	35581.26	Down	-0.11182675026339	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform OS=Mus musculus GN=Ppp2r1a PE=1 SV=3
GLUD1	P26443	70	70	87618.43	91727.2	88608.24	76905.34	78666.81	81720.89	76385.33	86244.53	75304.29	85620.83	0.354159069	0.450801633	84705.204	81055.174	Down	-0.06354632627387 6	Glutamate dehydrogenase 1, mitochondrial OS=Mus musculus GN=Glud1 PE=1 SV=1
CAP1	P40124	14	14	103592.15	103452.85	219659.54	61526.38	98841	85654.46	106919.15	221083.31	113564.54	311952	0.354205351	0.450744882	117414.38	167834.69	Up	0.51543179807527 1	Adenylyl cyclase-associated protein 1 OS=Mus musculus GN=Cap1 PE=1 SV=4
TUBB2A	Q7TMM9	128	128	67028.1	75728.37	62615.87	88863.89	61362.08	73100.07	72132.86	60953.8	62292.65	57246.33	0.354234395	0.450709272	71119.662	65145.142	Down	-0.12659086947040 6	Tubulin beta-2A chain OS=Mus musculus GN=Tubb2a PE=1 SV=1
PDIA3	P27773	57	57	92149.56	111925.42	84892.58	120531.33	101322.05	108273.63	108055.53	88710.7	93043.49	54187.25	0.354560917	0.450309138	102164.19	90454.12	Down	-0.17563145026791 8	Protein disulfide-isomerase A3 OS=Mus musculus GN=Pdia3 PE=1 SV=2
GARNL3	Q3V0G7	1	1	11668	9500	NA	32277	21520	44675	33904	NA	12567	NA	0.354603909	0.450256482	18741.25	30382	Up	0.69699966265479	GTPase-activating Rap/Ran-GAP domain-like protein 3 OS=Mus musculus GN=Garnl3 PE=1 SV=1
CMPK1	Q9DBP5	19	19	139958.58	157414.42	170136.11	100612.58	133129.05	111209.74	142350.95	159764.26	166355.26	264082	0.354807069	0.450007736	140250.15	168752.44	Up	0.26690608616323 4	UMP-CMP kinase OS=Mus musculus GN=Cmpk1 PE=1 SV=1
TXNDC5	Q91W90	4	4	17511.75	16786.75	6819.5	22567.25	20017.25	19591.75	17821.25	22772	18524.75	NA	0.354834813	0.449973778	16740.5	19677.438	Up	0.23319973903491	Thioredoxin domain-containing protein 5 OS=Mus musculus GN=Txndc5 PE=1 SV=2
EIF3K	Q9DBZ5	1	1	6258	6986	15954	7216	5819	7311	7956	16859	13527	NA	0.354839329	0.44996825	8446.6	11413.25	Up	0.43426703027174	Eukaryotic translation initiation factor 3 subunit K OS=Mus musculus GN=Eif3k PE=1 SV=1
CAPN5	O08688	5	5	17910.2	26628.2	32171.6	30361	35390.4	35534.6	37250.4	21049.4	42125.6	NA	0.354884657	0.449912776	28492.28	33990	Up	0.25453928723252	Calpain-5 OS=Mus musculus GN=Capn5 PE=2 SV=1
CHMP2B	Q8BJF9	11	11	37504.73	38685.64	43198	31477.27	33684.55	35025.45	38813.27	48126.64	52762.55	31998.36	0.355704392	0.448910772	36910.038	41345.254	Up	0.16370850911986	Charged multivesicular body protein 2b OS=Mus musculus GN=Chmp2b PE=1 SV=1
HNRNPDL	Q92130	4	4	101098.75	81018.5	53126.25	72313.25	81222.25	71494.75	77556.5	42208.75	86822.5	56420.75	0.355890458	0.448683656	77755.8	66900.65	Down	-0.21693006548091	Heterogeneous nuclear ribonucleoprotein D-like OS=Mus musculus GN=Hnrnpdl PE=1 SV=1
JUP	Q02257	3	3	9967	13409	16616.33	22306.67	14528.33	18638	18396.67	NA	15828	NA	0.356012076	0.44853527	15365.466	17620.89	Up	0.19759527278609	Junction plakoglobin OS=Mus musculus GN=Jup PE=1 SV=3
SNRPG	P62309	1	1	14834	15272	19060	10108	12905	12030	12021	24857	12702	37324	0.356235732	0.448262522	14435.8	19786.8	Up	0.45488725212642	Small nuclear ribonucleoprotein G OS=Mus musculus GN=Snrpg PE=1 SV=1
HABP4	Q9JKS5	3	3	32402	29974.5	16915.5	26697.5	31623.5	31253.5	27292	NA	55218	NA	0.356272599	0.448217578	27522.6	37921.167	Up	0.46238658553798	Intracellular hyaluronan-binding protein 4 OS=Mus musculus GN=Habp4 PE=1 SV=2
MAGI1	Q8RHR9-2	1	1	15843	16005	6038	21109	22301	23082	21020	11922	25229	NA	0.356401483	0.448060497	16259.2	20313.25	Up	0.32116480642412 6	Isoform 2 of Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 1 OS=Mus musculus GN=Magi1
KRAS	P32883	22	22	62465.1	67473.55	68125	77754.3	63332.05	67890	70813.15	74692.8	72114.1	68623	0.356571443	0.447853441	67830	70826.61	Up	0.06236799888879526	GTPase KRas OS=Mus musculus GN=Kras PE=1 SV=1
RIDA	P52760	9	9	44858.78	46813.56	48538.33	33795.44	48850.44	40571.78	42563.44	60948.78	46030.89	56912	0.35668232	0.447718417	44571.31	49405.378	Up	0.14855273029852 1

UQCRC1	Q9CZ13	43	43	40483.24	46060.4	36212.71	59349.07	44014.31	51549.62	47496.88	32999.02	37655.74	27798.9	0.361091795	0.44238238	45223.946	39500.032	Down	-0.195233057391034	Cytochrome b-c1 complex subunit 1, mitochondrial OS=Mus musculus GN=Uqcrc1 PE=1 SV=2
PHF24	Q80TL4-2	13	13	24135	25990.23	30099.38	25254.69	27858.92	28105.15	25687.08	24580.77	29457.46	55615.92	0.361119402	0.442349178	26667.644	32689.276	Up	0.293727051658078	Isoform 2 of Protein KIAA1045 OS=Mus musculus GN=Kiaa1045
ARPIN	Q9D0A3	4	4	12202	15216	13209	15715.33	16150	20177.33	13028	5870	11461	9394.33	0.361348281	0.442074007	14498.466	11986.132	Down	-0.274534097865327	Arpin OS=Mus musculus GN=Arpin PE=1 SV=1
MAPRE3	Q6PER3	6	6	94717.83	94981.5	124312	66859	90862.5	83005.5	90655.83	166863	96257	122198.17	0.361360792	0.442058971	94346.566	111795.9	Up	0.244825366707773	Microtubule-associated protein RP/EB family member 3 OS=Mus musculus GN=Mapre3 PE=1 SV=1
KLC4	Q9DBS5	2	2	103198	109464	102707	140115	125220.5	120653	119703	92912.5	116137	75314	0.361368708	0.442049457	116144.1	104943.5	Down	-0.146303056972836	Kinesin light chain 4 OS=Mus musculus GN=Klc4 PE=1 SV=1
ARHGAP39	P59281	6	6	23435	27432.5	29288.5	25480.5	35641.5	35385	48534.67	31147.5	43080.17	14379	0.361400432	0.442011333	28255.6	34505.268	Up	0.288279813582037	Rho GTPase-activating protein 39 OS=Mus musculus GN=Arhgap39 PE=1 SV=2
APLP2	Q06335	4	4	19477.25	45849.75	40952	86856.5	29595.25	49304.75	41355.75	19885.25	23701.25	24877.5	0.361821713	0.441505375	44546.15	31824.9	Down	-0.485144768103882	Amyloid-like protein 2 OS=Mus musculus GN=Aplp2 PE=1 SV=4
SERPINI1	O35684	1	1	1372	NA	NA	1989	1711	2396	4414	NA	1383	NA	0.363171045	0.439888784	1690.6667	2731	Up	0.691837069347035	Neuroserpin OS=Mus musculus GN=Serpini1 PE=1 SV=1
SPEG	Q62407	6	6	11611	12936	873.5	18677.17	17795.33	21587.67	21440.33	9713.83	17812.17	10981.33	0.363596915	0.43937981	12378.6	16307.066	Up	0.397649075554347	Striated muscle-specific serine/threonine-protein kinase OS=Mus musculus GN=Speg PE=1 SV=2
MEA1	Q64327	1	1	14807	12860	9982	12664	18004	13602	15285	NA	16947	NA	0.363743965	0.439204203	13663.4	15278	Up	0.161139168096835	Male-enhanced antigen 1 OS=Mus musculus GN=Mea1 PE=2 SV=1
PKIG	O70139	1	1	5162	5578	2815	3179	4187	4092	4695	NA	7000	NA	0.364598645	0.43818495	4184.2	5262.3333	Up	0.330750823986425	cAMP-dependent protein kinase inhibitor gamma OS=Mus musculus GN=Pkig PE=1 SV=1
HSBP1	Q9CQZ1	1	1	28752	38818	37010	22809	33856	16413	27083	31973	11310	43232	0.364682476	0.438085105	32249	26002.2	Down	-0.310620732827255	Heat shock factor-binding protein 1 OS=Mus musculus GN=Hsbp1 PE=2 SV=1
EFHD2	Q9DBY0	14	14	35415.46	23861	35978.15	23114.77	27764	29779.77	26748.31	11556.62	34838.69	19320.38	0.36478812	0.437959313	29226.676	24448.754	Down	-0.257524816379239	EF-hand domain-containing protein D2 OS=Mus musculus GN=Efhd2 PE=1 SV=1
CALU	O35887	5	5	32048.4	33330.6	52533.6	27073.6	26071.6	29407.8	33920.2	63667.2	39391.6	41302.6	0.364993792	0.437714522	34211.56	41537.88	Up	0.279943695638561	Calumenin OS=Mus musculus GN=Calu PE=1 SV=1
SLC2A3	P32037	1	1	25754	42815	42927	60816	45070	54417	52937	84837	35068	40075	0.365168626	0.437506542	43476.4	53466.8	Up	0.298410848649267	Solute carrier family 2, facilitated glucose transporter member 3 OS=Mus musculus GN=Slc2a3 PE=1 SV=1
ERBIN	Q80THZ-2	1	1	45277	42483	68875	12249	38723	27196	45895	49812	61589	87720	0.36545897	0.437161374	41521.4	54442.4	Up	0.390875578322571	Isoform 2 of Protein LAP2 OS=Mus musculus GN=Erbb2ip
BIN1	O08539	39	39	97261.95	107203.44	81022.69	135243.54	115666.23	112369.08	107267.18	80959.77	112232.56	52189.41	0.365804445	0.436751022	107279.57	93003.6	Down	-0.206016893216998	Myc box-dependent-interacting protein 1 OS=Mus musculus GN=Bin1 PE=1 SV=1
BAIAP2	Q8BKX1-4	40	40	85369.75	81317.7	121476.12	40945.45	78262.4	56626.6	70516.02	128234.45	93476.6	193253.38	0.365856699	0.436688988	81474.284	108421.41	Up	0.412233000477894	Isoform 4 of Brain-specific angiogenesis inhibitor 1-associated protein 2 OS=Mus musculus GN=Baiap2
NMT2	O70311	1	1	19666	17740	30515	9012	18104	21180	19415	NA	40874	NA	0.366227304	0.43624928	19007.4	27156.333	Up	0.514727498146312	Glycylpeptide N-tetradecanoyltransferase 2 OS=Mus musculus GN=Nmt2 PE=2 SV=1
ARFGAP2	Q99K28	6	6	28478.83	28659	21429.67	33048.67	35273.67	34651.67	42300.33	19905	46167.17	NA	0.366303733	0.436158656	29377.968	35756.043	Up	0.283452452487	ADP-ribosylation factor GTPase-activating protein 2 OS=Mus musculus GN=Arfgap2 PE=1 SV=1
SHISA7	Q8C3Q5	14	14	73304	74960.21	75678.07	55896.57	75824.79	73139.86	83906.5	68371.14	103987.5	65216.29	0.36656541	0.435848519	71132.728	78924.258	Up	0.149955299050426	Protein shisa-7 OS=Mus musculus GN=Shisa7 PE=1 SV=3
COX6B1	P56391	37	37	436232.69	374883	801486.03	135271.06	368048.47	248739.36	301241.69	883565.69	512935.19	1173059.7	0.366569357	0.435843842	423184.25	623908.32	Up	0.560048123099106	Cytochrome c oxidase subunit 6B1 OS=Mus musculus GN=Cox6b1 PE=1 SV=2
COPS8	Q8VBV7	1	1	52283	49624	72002	28164	42655	34222	41851	114314	36747	121976	0.366599827	0.435807744	48945.6	69822	Up	0.512502508877101	COP9 signalosome complex subunit 8 OS=Mus musculus GN=Cops8 PE=1 SV=1
NDUFB6	Q3UIU2	4	4	11138.5	18971	5921	17917	17931	21173.75	18800.75	NA	13294.75	NA	0.366723782	0.435660926	14375.7	17756.417	Up	0.304708260692915	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6 OS=Mus musculus GN=Ndufb6 PE=1 SV=3
MAPRE2	Q8R001	11	11	86123.33	88090.89	138339.78	90338.44	85919.56	99325.89	95623.11	108732	97206	180414.33	0.367009788	0.435322353	97762.4	116260.27	Up	0.25000650664945	Microtubule-associated protein RP/EB family member 2 OS=Mus musculus GN=Mapre2 PE=1 SV=1
PSIP1	Q99JF8	4	4	129849.5	89163.25	75103.5	44627.75	92195.75	67283.5	96259.5	51132	92811.25	37787	0.367441116	0.434812249	86187.95	69054.65	Down	-0.319747613259115	PC4 and SFRS1-interacting protein OS=Mus musculus GN=Psip1 PE=1 SV=1
LHPP	Q9D7I5	3	3	11167	12115.33	13797.67	13410	10559.67	12378.67	12804	20099.33	13881.67	10509.67	0.368315474	0.433780035	12209.934	13934.668	Up	0.190623228012598	Phosphosylpine phosphohistidine inorganic pyrophosphate phosphatase OS=Mus musculus GN=Lhpp PE=2 SV=1
MTA1	Q8K4B0	1	1	7525	7418	7792	10960	8474	11116	8778	NA	8556	NA	0.368460684	0.433066884	8433.6	9483.333	Up	0.169245649517983	Metastasis-associated protein MTA1 OS=Mus musculus GN=Mta1 PE=1 SV=1
ZRANB2	Q9R020-2	1	1	7309	10084	5008	6026	7077	6036	9653	6634	15589	NA	0.36928718	0.432635769	7100.8	9478	Up	0.416601088322952	Isoform 2 of Zinc finger Ran-binding domain-containing protein 2 OS=Mus musculus GN=Zranb2
EIF4ENIF1	Q9EST3	1	1	3398	4344	5168	10468	5787	10143	6536	8323	4790	NA	0.369292234	0.432629825	5833	7448	Up	0.352614998745029	Eukaryotic translation initiation factor 4E transporter OS=Mus musculus GN=Eif4enif1 PE=1 SV=2
ASAP2	Q75IG6	1	1	NA	NA	NA	2785	1835	1762	1475	NA	NA	NA	0.369372259	0.432535724	2310	1618.5	Down	-0.513235486094247	Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2 OS=Mus musculus GN=Asap2 PE=1 SV=3
PRPF6	Q91YR7	1	1	939	NA	NA	1933	2116	1866	2145	NA	2241	NA	0.369752554	0.432088818	1662.6667	2084	Up	0.325856313169994	Pre-mRNA-processing factor 6 OS=Mus musculus GN=Prpf6 PE=2 SV=1
VASH1	Q8C1W1	1	1	NA	NA	NA	5972	1416	7772	6174	NA	NA	NA	0.369862103	0.431960165	3694	6973	Up	0.916595615130436	Vasohibin-1 OS=Mus musculus GN=Vash1 PE=2 SV=4
NAP1L1	P28656	16	16	44958.62	46615.62	49824.75	39141.56	45579	42024	46189.19	46887	47728.81	60645.69	0.369918733	0.431893675	45223.91	48694.938	Up	0.106686076172195	Nucleosome assembly protein 1-like 1 OS=Mus musculus GN=Nap1l1 PE=1 SV=2
CSNK2B	P67871	6	6	30310.67	28222	34936.17	19194.67	30799.83	25874.5	26215.33	34861.67	3827.17	35986.67	0.370803997	0.431441616	28837.068	32242.068	Up	0.161019794552429	Casein kinase II subunit beta OS=Mus musculus GN=Csnk2b PE=1 SV=1
HCLS1	P49710	1	1	54872	47640	89798	25239	40243	48305	54483	35988	88145	120937	0.370356215	0.431380363	51558.4	69571.6	Up	0.432291006458401	Hematopoietic lineage cell-specific protein OS=Mus musculus GN=Hcls1 PE=1 SV=2
NSF	P46460	82	82	59424.49	75760.83	67168.97	87328.63	76577.05	84359.36	91146.65	79031.78	69999.78	71079.01	0.370544744	0.431159343	73251.994	79123.316	Up	0.11124857834219	Vesicle-fusing ATPase OS=Mus musculus GN=Nsf PE=1 SV=2
ETL4	A2AQ25-6	13	13	44226.08	44822.08	44536.23	39135.46	50310.23	49177.15	50270.46	46951	63899.31	36086.77	0.371356291	0.430209214	44606.016	49276.938	Up	0.143674312650699	Isoform 6 of Sickle tail protein OS=Mus musculus GN=Skt
TNR	Q8BVI9-2	20	20	15633.47	17711.07	18583.33	25891.07	18765	20573.53	20970.8	14578.07	22629.93	45138.47	0.371376938	0.430185069	19316.788	24778.16	Up	0.359213835996363	Isoform 2 of Tenascin-R OS=Mus musculus GN=Tnr
ATP5E	P56382	9	9	123129.56	110927.67	121919	90140.22	109737.22	89319.67	90420.44	94595	131771.11	102942.22	0.371695873	0.429812261	111170.73	101809.69	Down	-0.126902192793897	ATP synthase subunit epsilon, mitochondrial OS=Mus musculus GN=Atp5e PE=1 SV=2
SH3GL2	Q62420	28	28	93669.21	80428.61	96693.68	57829.21	88272.61	70489.64	72929.11	112064.39	97342.5	124894.61	0.371906424	0.42956632	83378.664	95544.05	Up	0.196487776633369	Endophilin-A1 OS=Mus musculus GN=Sh3gl2 PE=1 SV=2
BAIAP2	Q8BKX1-3	45	45	78610.62	74902.38	111859.87	38223	72621.27	52737.24	65489.53	116002.53	86094.87	174299.18	0.372340702	0.429059487	75243.428	98924.67	Up	0.394766769752848	Isoform 3 of Brain-specific angiogenesis inhibitor 1-associated protein 2 OS=Mus musculus GN=Baiap2
PDP1	Q3UV70	7	7	27576	31084.5	36244.5	36865.5	40232.5	57514.5	52573	NA	37114.5	NA	0.372572306	0.42878943	40984.9	49067.333	Up	0.259670389426543	[Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1, mitochondrial OS=Mus musculus GN=Pdp1 PE=2 SV=1
TCP1	P11983-2	7	7	22673.5	20025.33	21980.5	29527.17	23414.83	25210	25314.33	30109.67	22199	NA	0.372821128	0.428499483	23524.266	25708.25	Up	0.128081698110431	Isoform 2 of T-complex protein 1 subunit alpha OS=Mus musculus GN=Tcp1
FAM195B	Q3UGS4	5	5	23647.4	22682.4	16485.8	32371.2	21399.8	32916.2	26585.2	27011.6	26598.2	19329	0.3737071	0.427468651	23317.32	26488.04	Up	0.183939114047142	Protein FAM195B OS=Mus musculus GN=Fam195b PE=1 SV=1
MRPL28	Q9D1B9	4	4	35084	33318.33	38745	24414.33	29545.67	28634.33	31038	40291.33	39323	37768	0.374321888	0.426754777	32221.466	35410.932	Up	0.136172680593357	39S ribosomal protein L28, mitochondrial OS=Mus musculus GN=Mrpl28 PE=2 SV=3
CACNG8	Q8VHW2	5	5	30587.6	59505.4	99773.4	82748	55014.2	85452.4	127869	93946.6	101663	20287.6	0.375555574	0.425325788	65525.72	85843.72	Up	0.389651294958161	Voltage-dependent calcium channel gamma-8 subunit OS=Mus musculus GN=Cacng8 PE=1 SV=1
SIRPA	P97797	6	6	7697.67	10046.5	12871.33	35438.67	12296.83	29849.67	25695.33	18993.67	16693.33	14643.17	0.375854339	0.424980432	15670.2	21175.034	Up	0.434340692884791	Tyrosine-protein phosphatase non-receptor type substrate 1 OS=Mus musculus GN=Sirpa PE=1 SV=1
C1QTNF4	Q8R066	5	5	41751.2	46999	34464.4	31872	35447.2	35208.6	39922.8	14920.8	44225.6	28510.4	0.376074878	0.424725677	38106.76	32557.64	Down	-0.22705082224187	Complement C1q tumor necrosis factor-related protein 4 OS=Mus musculus GN=C1qtnf4 PE=1 SV=1
HOMER1	Q9Z2Y3-5	2	2	48924.5	51147	37388.5	340310.5	31483	69326	32218	NA	23050	NA	0.376269955	0.424500459	101850.7	41531.333	Down	-1.29418380140284	Isoform 5 of Homer protein homolog 1 OS=Mus musculus GN=Homer1
HMGB3	O54879	1	1	7054	5694	2210	1913	5546	4013	3869	NA	6365	13236	0.376967039	0.423696621	4483.4	6870.75	Up	0.615874370402512	High mobility group protein B3 OS=Mus musculus GN=Hmgb3 PE=2 SV=3
PRDX1	P35700	11	11	76526.91	83558.91	92859	67333.91	76468.36	74116.64	85344.55	111751.45	80956.91	81218.55	0.378336698	0.422121531	79349.418	86677.62	Up	0.127439898916755	Peroxiredoxin-1 OS=Mus musculus GN=Prdx1 PE=1 SV=1
MT2	P02798	3	3	94580.33	59511.33	106198.33	20571.33	44072.67	39962.33	40729.33	156762.33	69007	175803.67	0.37837914	0.422072815	64986.798	96452.932	Up	0.569678428421349	Metallothionein-2 OS=Mus musculus GN=Mt2 PE=1 SV=2
COMMD1	Q8K4M5	1	1	3898	3485	2289	6604	5093	5829	4705	NA	4662	NA	0.378489422	0.421946253	4273.8	5065.3333	Up	0.245137815160381	COMM domain-containing protein 1 OS=Mus musculus GN=Commd1 PE=2 SV=2
DTD1	Q9DD18	4	4	44586.25	46918	29553	45198.25	50426.75	61010.25	54044.5	48143.25	53642.25	29850.75	0.378553475	0.421872762	43336.45	49338.2	Up	0.187124106162217	D-tyrosyl-tRNA(Tyr) deacylase 1 OS=Mus musculus GN=Dtd1 PE=1 SV=2
SNX32	Q80ZJ7	1	1	23863	26490	25372	21710	25821	24699	30709	22702	28266	NA	0.37856473	0.421859851	24651.2	26594	Up	0.109442911573064	Sorting nexin-32 OS=Mus musculus GN=Snx32 PE=2 SV=1
ALDH6A1	Q9EQ20	9	9	58990.56	68009.44	108842.11	49993.44	62668	56159	60356.44	113921.22	63349.11	172255.22	0.378803055	0.421586527	69700.71	93208.198	Up	0.419283498684305	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial OS=Mus musculus GN=Aldh6a1 PE=1 SV=1
SVIP	Q3UZP4	1	1	10842	11030	20750	9615	10344	7153	11974	21258	13213	31898	0.37893322	0.421437319	15316	17009.6	Up	0.450189017772571	Small VCP/p97-interacting protein OS=Mus musculus GN=Svip PE=2 SV=1
PTK2B	Q9QVP9	2	2	2738.5	3675	7161	13919.5	6606.5	14448.5	8679.5	NA	6380.5	NA	0.379492782	0.42079648	6820.1	9836.166	Up	0.528303287575236	Protein-tyrosine kinase 2-beta OS=Mus musculus GN=Ptk2b PE=1 SV=2
BLVRB	Q923D2	4	4	28370.5	29827.75	40939.25	36550.5	29072	35932.5	26467.75	35623	29496.25	17825.25	0.380069935	0.420136483	32952	29068.95	Down	-0.18088707051373	Flavin reductase (NADPH) OS=Mus musculus GN=Blvrb PE=2 SV=3
MLST8	Q9DCJ1	3	3	38972.33	30533	48526.67	25580.67	32621.33	35958	25974	53174.67	59648.67	NA	0.380123972	0.420074742	35246.8	43688.835	Up	0.309772352096904	Target of rapamycin complex subunit LST8 OS=Mus musculus GN=Mlst8 PE=1 SV=1
ERLIN2	Q8BFZ9	4	4	29219	36952.75	59372.75	31262	28463.25	28405.5	35440	108236	40628	46855	0.380257589	0.419922109	37053.95	51912.9	Up	0.48646573904139 9	Erlin-2 OS=Mus musculus GN=Erlin2 PE=1 SV=1
SARNP	Q9D1J3	1	1	134713	90003	95996	34834	107955	66130	67918	23878	117771	NA	0.380274346	0.419902972	92700.2	68924.25	Down	-0.427560787839511	SAP domain-containing ribonucleoprotein OS=Mus musculus GN=Sarnp PE=1 SV=3
CSTB	Q62426	2	2	65781.5	54682.5	95586	47359.5	56356.5	52558.5	53260.5	128284.5	68910	95282	0.380861475	0.419232955	63953.2	79659.1	Up	0.3168226316538	Cystatin-B OS=Mus musculus GN=Cstb PE=1 SV=1
NAA38	Q9D2U5	1	1	8328	3035	NA	11411	6910	9761	8500	NA	9392	NA	0.380924511	0.419161081	7421	9217.6667	Up	0.312787990203369	N-alpha-acetyltransferase 38, NatC auxiliary subunit OS=Mus musculus GN=Naa38 PE=2 SV=1
G3BP1	P97855	7	7	49065.25	58068.5	66574.71	559804.43	55900.57	53176.29	65459.43	68312.29	72073.57	50460.86	0.381044943	0.419023199	57115.914	61896.488	Up	0.115964778915708	Ras GTPase-activating protein binding protein 1 OS=Mus musculus GN=G3bp1 PE=1 SV=1
KPNB1	P70168	5	5	32847.2	42813.4	46688.4	46956	44860.4	48532.6	60361.8	27938.4	46627.6	62744	0.381141263	0.418914031	42833.08	49240.88	Up	0.20113112404239	Importin subunit beta-1 OS=Mus musculus GN=Kpnb1 PE=1 SV=2
PGK1	P09411	74	74	115932.83	114729.67	143546.67	98594.9	121699.47	108708.29	119543.58	138092.32	128882.58	143897.32	0.381434347	0.418580203	118900.71	127824.82	Up	0.104410666176645	Phosphoglycerate kinase 1 OS=Mus musculus GN=Pgk1 PE=1 SV=4
ACADS	Q07417	2	2	24147	27416.5	18813.5	18284.5	20452.5	25557	19298.5	20238	20471	6643	0.381616153	0.41837325	21822.8	18441.5	Down	-0.242880213338735	Short-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Acads PE=1 SV=2
UBE2L3	P68037	1	1	33603	46243	25410	57942	50079	44453	41502	NA	46328	75650	0.381776085	0.41819128	42655.4	51983.25	Up	0.285318441699321	Ubiquitin-conjugating enzyme E2 L3 OS=Mus musculus GN=Ube2l3 PE=2 SV=1
HIBCH	Q8QZ51	1	1	113187	100774	211395	53561	101383	95336	106050	337262	91460	204448	0.381902898	0.418047046	116060	166911.2	Up	0.524209931016117	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial OS=Mus musculus GN=Hibch PE=1 SV=1
MRPL30	Q9D7N6	3	3	90039.33	86193.33	149535.67	41059.67	70088.33	51702.67	68919.33	192041.33	106851.33	170335	0.382267381	0.417632759	87383.266	117969.93	Up	0.432990261021442	39S ribosomal protein L30, mitochondrial OS=Mus musculus GN=Mrpl30 PE=2 SV=1
TRIM28	O62318	4	4	33510.5	24187	30413.75	19714.25	28338.5	24576.25	25200.75	31140.75	25585.75	8915.75	0.382353203	0.417253581	27232.8	23083.85	Down	-0.228461462411052	Transcription intermediary factor 1-beta OS=Mus musculus GN=Trim28 PE=1 SV=3
AHCYL1	Q80SW1	22	22	51822.28	67982	59680	112328.11	63193.44	89899.22	80289.06	82129.22	72336.17	83641.94	0.382429081	0.41744909	71001.166	81659.122	Up	0.201771338636701	Putative adenosylhomocysteinase 2 OS=Mus musculus GN=Ahcyl1 PE=1 SV=1
VAP8	Q9QY76	6	6	36838.17	44017.67	78762	95633.33	48478.17	58558.33	66776.83	80632.5	53086.5	121881.5	0.382675754	0.417169054	60745.868	76187.132	Up	0.326761068856472	Vesicle-associated membrane protein-associated protein B OS=Mus musculus GN=Vapb PE=2 SV=3
PRKACB	P68181-3	4	4	77163.5	98304.75	77750.75	105668.5	97535	98811.5	91876	30447.25	110511.75	43850.5	0.383067021	0.416725236	91284.5	75099.4	Down	-0.281568531593852	Isoform 3 of cAMP-dependent protein kinase catalytic subunit beta OS=Mus musculus GN=Prkacb
NDUFA4	Q62425	12	12	104270	95784.92	115672.17	67888.5	79532	66258.58	84686.75	129596.75	102769.67	190558.92	0.383180832	0.416596224	92629.518	114774.13	Up	0.309253634966703	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4 OS=Mus musculus GN=Ndufa4 PE=1 SV=2
RPL4	Q9D8E6	26	26	187672.27	218640.27	326455.04	123990.42	189824.42	147250.65	199752.35	343125.19	232828	375401.23	0.383684261	0.416026016	209316.48	259671.48	Up	0.311001661626092	60S ribosomal protein L4 OS=Mus musculus GN=Rpl4 PE=1 SV=3
MCT51	Q9DB27	5	5	57331.6	48589	105632.2	43479.4	43764.4	43283.8	41292.6	107351	56667.8	227461.2	0.383820387	0.415871961	59759.32	95211.28	Up	0.671968772758826	Malignant T-cell-amplified sequence 1 OS=Mus musculus GN=Mcts1 PE=2 SV=1
ACOT13	Q9CQR4	3	3	132525	114338	136692.67	83259	109548	103373.33	105915	165840	109048.33	194297	0.384125688	0.415526649	115872.53	135694.73	Up	0.227826077176015	Acyl-coenzyme A thioesterase 13 OS=Mus musculus GN=Acot13 PE=1 SV=1
PDHA1	P35486	47	47	184505.98	196507.64	128429.06	210390.43	185062.96	197106.17	191998.57	148783.85	162828.38	102300.32	0.384341107	0.415283163	180979.21	160603.46	Down	-0.172321052736542	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial OS=Mus musculus GN=Pdha1 PE=1 SV=1
TIMM10	P62073	9	9	171926.89	149505	138647.67	136471.56	162305.78	160650.78	142979.67	158332.33	194005.89	153428	0.384810792	0.414752756	151771.38	161879.33	Up	0.093019055571028	Mitochondrial import inner membrane translocase subunit Tim10 OS=Mus musculus GN=Timm10 PE=1 SV=1
FSIP2	A2ARZ3	1	1	313690	220251	283022	306793	267093	365035	261299	262397	345252	NA	0.385015941	0.414521289	278169.8	308495.75	Up	0.149284814560487	Fibrous sheath-interacting protein 2 OS=Mus musculus GN=Fsip2 PE=4 SV=3
CHCHD7	Q8K2Q5	2	2	11777	12904	16157.5	6656	10481.5	9560	9527	24261	17178.5	12354.5	0.385627646	0.413831838	11595.2	14576.2	Up	0.330086955055156	Coiled-coil-helix-coiled-coil-helix domain-containing protein 7 OS=Mus musculus GN=Chchd7 PE=3 SV=1
GGA1	Q8R0H9	5	5	14923.33	20989.33	1652.67	24511	21444.67	23589.33	29001	24979.33	16427.67	12741.33	0.385645934	0.413811243	16704.2	21347.732	Up	0.353871914355775	ADP-ribosylation factor-binding protein GGA1 OS=Mus musculus GN=Gga1 PE=1 SV=1
QK	Q9QYS9-5	3	3	113667.33	128602.33	90493.33	110239.67	118246.67	118149.33	92855.67	97709.67	132320.33	40329	0.385668757	0.413785541	112249.87	96272.8	Down	-0.221513567293594	Isoform 5 of Protein quaking OS=Mus musculus GN=Qki
MYRIP	Q8K3I4	2	2	4855.5	5874	5120.5	2882.5	4194	3903.5	5792	NA	8679	NA	0.386219162	0.413166183	4585.3	6124.833	Up	0.417654459218844	Rab effector MyRIP OS=Mus musculus GN=Myrip PE=1 SV=1
ZRANB2	Q9R020	2	2	15011.5	11594	23743.5	4778	11080.5	8859.5	9637	22412.5	22110.5	24158	0.386263627	0.413116186	13241.5	17435.5	Up	0.396961176842332	Zinc finger Ran-binding domain-containing protein 2 OS=Mus musculus GN=Zranb2 PE=1 SV=2
ELAVL1	P70372	2	2	39194	33629.5	72354	42744.5	43230.5	39247	51364.5	75052.5	48195.5	58731.5	0.386407861	0.412954047	46230.5	54518.2	Up	0.23789296425254	ELAV-like protein 1 OS=Mus musculus GN=Elavl1 PE=1 SV=2
IQSEC3	Q3TE50	3	3	1930	3079	626.33	6169	3287	6848	4404.33	2733.67	2967.67	NA	0.386426675	0.412932902	3018.266	4238.4175	Up	0.489805749289894	IQ motif and SEC7 domain-containing protein 3 OS=Mus musculus GN=Iqsec3 PE=2 SV=1
ANXA7	Q07076	2	2	15229	16048.5	31994.5	10451.5	14804.5	17039.5	11986.5	35792.5	13644.5	46110.5	0.386518377	0.412829853	17705.6	24914.7	Up	0.492791468507586	Annexin A7 OS=Mus musculus GN=Anxa7 PE=2 SV=2
MAG	P20917-2	1	1	83785	165359	117210	179412	127543	163198	139885	82642	67

PIK3R2	O08908	1	1	19682	23748	15163	10193	12386	11642	14927	NA	14634	NA	0.390569859	0.408301275	16234.4	13734.333	Down	-0.241267182209551	Phosphatidylinositol 3-kinase regulatory subunit beta OS=Mus musculus GN=Pik3r2 PE=1 SV=2
CARMIL3	Q3UFQ8	1	1	NA	3624	NA	4622	5196	6931	3008	NA	11791	NA	0.390649112	0.408213158	4480.6667	7243.3333	Up	0.692940365612618	Leucine-rich repeat-containing protein 16B OS=Mus musculus GN=Lrrc16b PE=2 SV=2
RNF181	Q9CY62	1	1	36689	42854	17484	60730	59709	64270	44784	44695	54436	NA	0.390693314	0.408164021	43493.2	52046.25	Up	0.259004360625067	E3 ubiquitin-protein ligase RNF181 OS=Mus musculus GN=Rnf181 PE=2 SV=1
SEPT6	Q9R1T4	13	13	80925.77	86122.77	81559.08	97632.62	84595	95826.38	91372.31	76547.08	83511.15	125628.54	0.391015426	0.407806109	86167.048	94577.092	Up	0.134354523966029	Septin-6 OS=Mus musculus GN=Sept6 PE=1 SV=4
TUBB4A	Q9D6F9	83	83	66908.06	70013	81884.01	64053	58033.47	61415.73	67898.06	90672.58	60443.19	106968.71	0.391349545	0.407435166	68178.308	77479.654	Up	0.184504715170176	Tubulin beta-4A chain OS=Mus musculus GN=Tubb4a PE=1 SV=3
MYDGF	Q9CPT4	5	5	64225	59863	84220.2	46591.4	57967	60295.2	52288.2	101346.6	77528	68976.4	0.391416329	0.40736106	62573.32	72086.88	Up	0.204189056870318	UPF0556 protein C19orf10 homolog OS=Mus musculus GN=D17Wsu104e PE=2 SV=1
RPS12	P63323	10	10	57635.3	63826.4	56377.5	109214.3	61903.3	69781.1	71764.8	30378.5	83452.9	21840.5	0.391501284	0.407266809	69791.36	55443.56	Down	-0.332028550273464	40S ribosomal protein S12 OS=Mus musculus GN=Rps12 PE=1 SV=2
ATP5L	Q9CPQ8	6	6	145227.5	155705.17	192835	120223.67	142198.83	150382.83	151324.5	191616.67	141490.67	196091	0.391890043	0.406835771	151238.03	166181.13	Up	0.135935606535421	ATP synthase subunit g, mitochondrial OS=Mus musculus GN=Atp5l PE=1 SV=1
ARPC5	Q9CPW4	10	10	68142.44	73752.22	88553.33	72661.56	65450.33	60838.33	75293.56	89971.56	74052.33	115430.33	0.392464754	0.406199339	73711.976	83117.222	Up	0.173248402993202	Actin-related protein 2/3 complex subunit 5 OS=Mus musculus GN=Arpc5 PE=2 SV=3
TNR	Q88YI9	21	21	14998.56	17112.25	17421.88	25740.62	17916.69	19979.88	20044.81	13666.94	21588	42317.31	0.392470065	0.406193463	18638	23519.388	Up	0.335603464090185	Tenascin-R OS=Mus musculus GN=Tnr PE=1 SV=2
SMPD1	Q04519	1	1	2126	4230	2926	2023	2852	3246	1976	NA	1214	NA	0.392619098	0.406028579	2831.4	2145.3333	Down	-0.40031375196834	Sphingomyelin phosphodiesterase OS=Mus musculus GN=Smpd1 PE=2 SV=2
CYFIP2	Q55QX6	1	1	17558	76338	NA	123290	59435	104324	110594	74180	78236	NA	0.392672845	0.405969131	69155.25	91833.5	Up	0.409181751902081	Cytoplasmic FMR1-interacting protein 2 OS=Mus musculus GN=Cyfip2 PE=1 SV=2
RUNDC3B	Q6PDC0	1	1	17369	26988	19933	24789	25779	28189	21574	65130	19664	NA	0.392842152	0.405781919	22971.6	33639.25	Up	0.550294194824 2	RUN domain-containing protein 3B OS=Mus musculus GN=Rundc3b PE=2 SV=1
SUMO1	P63166	1	1	159627	110982	30719	65378	135232	151229	142387	65260	158594	NA	0.393029047	0.405575351	100387.6	129367.5	Up	0.365894148867249	Small ubiquitin-related modifier 1 OS=Mus musculus GN=Sumo1 PE=1 SV=1
CMA5	Q99KK2	2	2	92986	49208	50103.5	88751	76723	88928.5	69364	45381	52484	44836	0.393367426	0.405201606	71554.3	60198.7	Down	-0.249306135088829	N-acylneuraminate cytidylyltransferase OS=Mus musculus GN=Cmas PE=1 SV=2
PSMA6	Q9QUM9	11	11	57139.82	60197.55	62467.27	64510.45	59753.09	64862.91	66742.64	65242.64	69164	52601.64	0.393556272	0.404993162	60813.636	63722.766	Up	0.067414041247536 8	Proteasome subunit alpha type-6 OS=Mus musculus GN=Psma6 PE=1 SV=1
CPLX3	Q8R1B5	2	2	39067.5	37637	35770	37311	31112	35988	48178.5	29427	52869	NA	0.393609631	0.404934283	36179.5	41615.625	Up	0.201952834192551	Complexin-3 OS=Mus musculus GN=Cplx3 PE=1 SV=1
TBCC	Q8VCN9	1	1	38038	37611	100714	23112	36157	33743	40172	76032	47128	170141	0.393633767	0.404907653	47126.4	73443.2	Up	0.640093442260829	Tubulin-specific chaperone C OS=Mus musculus GN=Tbcc PE=2 SV=1
KCMF1	Q80UY2	5	5	41114	35071.2	32722	30493.6	38221.6	36575.2	41321.8	20378.4	39948	6470.8	0.393903378	0.404610295	35524.48	28938.84	Down	-0.295806438484585	E3 ubiquitin-protein ligase KCMF1 OS=Mus musculus GN=Kcmf1 PE=2 SV=1
MPP5	Q91LB2	1	1	12468	9445	9098	11002	13705	9584	9624	6961	12890	NA	0.394129953	0.404360559	11143.6	9764.75	Down	-0.190560364985844	MAGUK p55 subfamily member 5 OS=Mus musculus GN=Mpp5 PE=1 SV=1
SPATA2L	Q8BNN1	2	2	11885.5	23506	24801	20269	24427	20101	23465	7316	17425.5	NA	0.394721584	0.403709125	20977.7	17076.875	Down	-0.296812517485141	Spermatogenesis-associated protein 2-like protein OS=Mus musculus GN=Spata2l PE=2 SV=1
PYCR1	Q922W5	3	3	47870.67	44613.33	50720.33	30290	39827.33	42947.33	48631.33	27221	60542	74048.67	0.395261798	0.403115158	42664.332	50678.066	Up	0.248331008965649	Pyrroline-5-carboxylate reductase 1, mitochondrial OS=Mus musculus GN=Pycr1 PE=2 SV=1
MRPL15	Q9CPR5	2	2	25326	27713	52783	22245.5	24508.5	23780	30306.5	38097.5	42039	51631.5	0.395345565	0.403023128	30515.2	37170.9	Up	0.284645573834736	39S ribosomal protein L15, mitochondrial OS=Mus musculus GN=Mrpl15 PE=2 SV=1
SEZ6L2	Q4V925-3	3	3	9389.67	20936	3571.67	40473.67	17964.67	34648.67	38596.67	15842.33	16283	NA	0.39549883	0.402854797	18467.136	26342.668	Up	0.512441301147389	Isoform 3 of Seizure 6-like protein 2 OS=Mus musculus GN=Sez6l2
FAM185A	Q7TPD2-2	2	2	52353	39499.5	80867	24932.5	50482.5	38941.5	49686	51652.5	67192.5	112030.5	0.395603133	0.402740277	49626.9	63900.6	Up	0.364707139656082	Isoform 2 of Protein FAM185A OS=Mus musculus GN=Fam185a
ATPIF1	O35143	10	10	114951.9	102042.3	175724.4	179893	93770.3	147596.4	120953.6	204703.3	124565.5	178561.7	0.396070523	0.402227478	133276.38	155276.1	Up	0.220414667656834	ATPase inhibitor, mitochondrial OS=Mus musculus GN=Atpif1 PE=1 SV=2
CTSL	P06797	2	2	29255	20067	26765.5	15633	21976.5	20519	21830.5	30112.5	32432	NA	0.396254129	0.402026199	22739.4	26223.5	Up	0.205666064241304	Cathepsin L1 OS=Mus musculus GN=Ctsl PE=1 SV=2
LGALSL	Q8VED9	3	3	56380.67	42746.33	112373.33	58386.67	62787.33	54280.67	55663	135159.67	74280	115646	0.396442625	0.401819963	67519.732	86003.668	Up	0.345989013426818	Galectin-related protein OS=Mus musculus GN=Lgalsl PE=2 SV=1
PFKM	P47857	13	13	58590.38	62412.77	83211.08	87709.77	75337.54	78639.38	89690.31	64775.62	68813.15	110182.77	0.396739616	0.401494431	73452.308	82420.246	Up	0.166190946146315	6-phosphofructokinase, muscle type OS=Mus musculus GN=Pfkm PE=1 SV=3
OS9	Q8K2C7	8	8	14936	15856.57	13030.43	10103	16668.43	15276.14	18828.86	14359.14	25460.29	9803.71	0.396863238	0.401359128	14118.886	16745.628	Up	0.246158219050926	Protein OS-9 OS=Mus musculus GN=Os9 PE=1 SV=2
TRP53I11	Q4QQM4	1	1	8335	13688	10907	22436	7820	22700	17868	NA	10142	NA	0.397782685	0.400354125	12637.2	16903.333	Up	0.419630929915105	Tumor protein p53-inducible protein 11 OS=Mus musculus GN=Trp53i11 PE=2 SV=1
SLC20A2	Q80UP8	1	1	3470	4393	2690	13315	5178	8580	9146	5141	8131	NA	0.398054771	0.400057166	5809.2	7749.5	Up	0.415763730252284	Sodium-dependent phosphate transporter 2 OS=Mus musculus GN=Slc20a2 PE=1 SV=2
HAGHL	Q9DB32	2	2	14097	12359.5	26995.5	15981.5	18018	19410.5	17729.5	NA	23963.5	NA	0.398059407	0.400052108	17490.3	20367.833	Up	0.219737483958464	Hydroxyacylglutathione hydrolase-like protein OS=Mus musculus GN=Haghl PE=2 SV=1
RPL38	Q9JII8	2	2	95192.5	83686	47886	133574	64151	95468	102558.5	106120.5	91520	NA	0.398179369	0.399921246	84897.9	98916.75	Up	0.220485971145091	60S ribosomal protein L38 OS=Mus musculus GN=Rpl38 PE=2 SV=3
UCHL3	Q9JKB1	3	3	41343.67	45506.25	50556.33	44001.67	40534	46485.67	37435.33	72963.67	50399	44001.67	0.398816696	0.399886696	44393.332	50257.068	Up	0.178985106650556	Ubiquitin carboxyl-terminal hydrolase isozyme L3 OS=Mus musculus GN=Uchl3 PE=1 SV=2
OPA1	P58281	23	23	45067.78	55913.3	35570.39	58645.7	51445.13	56592.52	52677.39	38792.13	42950.83	23799.48	0.398398721	0.399682064	49328.46	42962.47	Down	-0.199343308918662	Dynamin-like 120 kDa protein, mitochondrial OS=Mus musculus GN=Opa1 PE=1 SV=1
MRRF	Q9D657	7	7	26077.67	25231.33	22595.17	14773.83	23275.67	18474.83	20076.67	26588.33	27037.5	37159.33	0.399484987	0.398499537	22390.734	25867.332	Up	0.208229437155961	Ribosome-recycling factor, mitochondrial OS=Mus musculus GN=Mrrf PE=1 SV=1
SGIP1	Q8VD37-2	14	14	52919.38	49853.62	61451.15	44212.69	50420.54	43452.69	43035.23	51523.46	49319.62	55254.15	0.401039122	0.396813259	51771.476	48517.03	Down	-0.093666212195367 6	Isoform 2 of SH3-containing GRB2-like protein 3 interacting protein 1 OS=Mus musculus GN=Sgip1
DCC	P70211-3	1	1	3770	15815	9008	20065	12922	19274	24508	NA	8691	NA	0.40186973	0.399514705	12316	17491	Up	0.506079001258139	Isoform B of Netrin receptor DCC OS=Mus musculus GN=Dcc
PAM16	Q9CQV1	4	4	47775.25	43419.5	68365	28746.75	42208.25	39531	41244	61553.25	54052.75	74633	0.402159047	0.395602157	46102.95	54202.8	Up	0.233508312359634	Mitochondrial import inner membrane translocase subunit TIM16 OS=Mus musculus GN=Pam16 PE=2 SV=1
NDUFB9	Q9CQJ8	24	24	47871.38	46788.29	41692.67	42730.33	48296.57	46461.86	42804.62	33776.9	49101.71	42012.81	0.402230331	0.395525183	45475.848	42831.58	Down	-0.086425643171815	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9 OS=Mus musculus GN=Ndufb9 PE=1 SV=3
RPL30	P62889	11	11	135978.36	147980.45	156027.36	123785.64	119598.91	130401.64	147374.09	190500.73	153418.18	122885.64	0.402296898	0.395453316	136674.14	148916.06	Up	0.123758972571362	60S ribosomal protein L30 OS=Mus musculus GN=Rpl30 PE=2 SV=2
MYEF2	Q8C854-2	2	2	4413	32127.5	60376.5	18824	36753	28657.5	31822	114926	30342.5	68817	0.402328925	0.395418743	38440.4	54920	Up	0.551470827716069	Isoform 4 of Myelin expression factor 2 OS=Mus musculus GN=Myef2
SEPT4	P28661-6	4	4	347778.5	317807.5	600417.5	216191.25	328230	285226.75	320272.25	553676.5	362567.25	805966.75	0.402544807	0.395185771	362084.95	465541.9	Up	0.362582807306234	Isoform 6 of Septin-4 OS=Mus musculus GN=Sept4
SYBU	Q88HS8-3	1	1	12395	9222	27158	6417	6534	10400	10320	26881	22151	NA	0.403090241	0.394597716	12345.2	17438	Up	0.498284374711951	Isoform 3 of Syntabulin OS=Mus musculus GN=Sybu
NTMT1	Q8R2U4	1	1	1485	5367	NA	6728	4525	4224	3459	NA	2492	NA	0.403399456	0.394264691	4526.25	3391.6667	Down	-0.416321883043725	N-terminal Xaa-Pro-Lys N-methyltransferase 1 OS=Mus musculus GN=Ntmt1 PE=2 SV=3
SRRM1	Q5ZKI8	2	2	4453	3816.5	930.5	7191	1931.5	5231	3652.5	NA	5416.5	NA	0.403799469	0.393834257	3664.5	4766.6667	Up	0.379364376843546	Serine/arginine repetitive matrix protein 1 OS=Mus musculus GN=Srrm1 PE=1 SV=2
FHL1	P97447-2	1	1	51730	45200	49910	78103	48133	60141	51537	NA	92189	NA	0.403894731	0.393731812	54615.2	67955.667	Up	0.315291334388717	Isoform 2 of Four and a half LIM domains protein 1 OS=Mus musculus GN=Fhl1
GAS2L2	Q55SG4	1	1	129540	162689	332698	39099	128824	63394	100948	368085	122236	829583	0.403935545	0.393687929	158570	296849.2	Up	0.904610372996648	GAS2-like protein 2 OS=Mus musculus GN=Gas2l2 PE=2 SV=1
UBA1	Q02053	22	22	16148.76	24340.33	19452.9	33483.05	21648.05	27736.24	28795.19	25852.29	24745.86	22277.86	0.403964426	0.393656879	23014.618	25881.488	Up	0.169370067639213	Ubiquitin-like modifier-activating enzyme 1 OS=Mus musculus GN=Uba1 PE=1 SV=1
CAPZB	P47757-4	19	19	67665.32	66631.11	59284.68	74742.47	76465.58	75358.58	83867.53	27952.84	70621.89	31377.63	0.404325179	0.393269213	68957.832	57835.694	Down	-0.253754273189872	Isoform 3 of F-actin-capping protein subunit beta OS=Mus musculus GN=Capzb
SEPT1	P42209	4	4	356070.75	325236.75	593796.5	289995.75	338006	305768.75	339630	569067.25	367402.5	805966.75	0.404460512	0.393123873	380621.15	477567.05	Up	0.327347570334739	Septin-1 OS=Mus musculus GN=Sept1 PE=2 SV=2
RPLP2	P99027	8	8	49269.88	72869.38	66652.12	73481.88	44739.25	60645.75	50351.25	61693.75	62074.25	38940.88	0.40452009	0.393059905	61402.502	54741.176	Down	-0.165671014715871	60S acidic ribosomal protein P2 OS=Mus musculus GN=Rplp2 PE=1 SV=3
SLC12A2	P55012	1	1	22522	29467	NA	55169	32089	41514	32257	NA	61752	NA	0.404981088	0.392565258	34811.75	45174.333	Up	0.375928969752544	Solute carrier family 12 member 2 OS=Mus musculus GN=Slc12a2 PE=1 SV=2
ATCAY	Q8BHE3	7	7	7907.43	14241.29	2985.86	26994	17632.57	26389.14	23983.71	11815.14	13245.71	NA	0.40532339	0.392198334	13952.23	18858.425	Up	0.434713463424059	Caytaxin OS=Mus musculus GN=Atcay PE=1 SV=1
HDHD2	Q3UGR5	6	6	27066.83	26652.83	27974.17	9767.67	24025.17	19777.67	20111.17	36174.33	23638.67	39399	0.405547995	0.391957741	23097.334	27820.168	Up	0.268404793244437	Haloacid dehalogenase-like hydrolase domain-containing protein 2 OS=Mus musculus GN=Hdhd2 PE=1 SV=2
PRKCE	P16054	6	6	18197.5	28975.83	14027	39143.5	27142	31991.83	36146	NA	23704.17	NA	0.406000435	0.391473501	25497.166	30614	Up	0.263854657751804	Protein kinase C, epsilon type OS=Mus musculus GN=Prkce PE=1 SV=1
SORBS2	Q3UT12-7	4	4	30942.5	34906.25	50268	36391.25	40479.75	35245.75	36958.75	38612	43062.75	112040.25	0.406405819	0.391040083	36365.95	38470.625	Up	0.081169002729979	Isoform 7 of Sorbin and SH3 domain-containing protein 2 OS=Mus musculus GN=Sorbs2
RGS14	P97492	1	1	25721	31999	21675	67010	38511	44054	29141	17953	21875	NA	0.407252663	0.390136068	36983.2	28255.75	Down	-0.388325576906962	Regulator of G-protein signaling 14 OS=Mus musculus GN=Rgs14 PE=1 SV=2
CCDC6	D3YZP9	11	11	6866.8	6961.4	7725.3	8095.5	7634.9	7259.1	7126.9	5847.8	8906.3	4856.9	0.407333309	0.390050075	7456.78	6799.4	Down	-0.133145333688043	Coiled-coil domain-containing protein 6 OS=Mus musculus GN=Ccdc6 PE=1 SV=1
UBE2D2B	Q6ZWY6	1	1	40536	60597	68649	57710	63622	59487	81694	64983	57801	56291	0.407459534	0.389915515	58222.8	64051.2	Up	0.137641377771253	Ubiquitin-conjugating enzyme E2 D2B OS=Mus musculus GN=Ube2d2b PE=2 SV=1
CCDC47	Q9D024	4	4	2294	3646.5	1428	3826	2681	3136	4750.5	NA	2611.5	NA	0.40755688	0.389811771	2775.1	3499.3333	Up	0.334540337291025	Coiled-coil domain-containing protein 47 OS=Mus musculus GN=Ccdc47 PE=2 SV=2
TWF1	Q91YR1	4	4	30336	30360.5	44893	24456.25	29478.75	28010.25	35626.25	27501.25	36745.75	69929.5	0.407666064	0.38969544	31904.9	39562.6	Up	0.310359228992485	Twinfilin-1 OS=Mus musculus GN=Twf1 PE=1 SV=2
AK4	Q9WUR9	9	9	62581.22	54831.33	60572.78	40246.89	60778.89	53628.78	53353.33	74293.11	54787.22	69433.89	0.408056176	0.389280045	55802.222	61099.266	Up	0.130832478544995	Adenylate kinase 4, mitochondrial OS=Mus musculus GN=Ak4 PE=1 SV=1
EIF2S2	Q99L45	3	3	41678	42778.33	69033.67	46112	48106	36554	48176.33	38770.67	65585.67	1365.94	0.408204101	0.389122636	47541.6	65136.134	Up	0.454267636930721	Eukaryotic translation initiation factor 2 subunit 2 OS=Mus musculus GN=Eif2s2 PE=1 SV=1
CAP2B	P47757	18	18	70005.25	68740.33	61454.72	75408.78	79060.89	72926.28	86604.67	29505.06	72502	33120.83	0.408865022	0.388421892	70934.066	59798.712	Down	-0.246364225579248	F-actin-capping protein subunit beta OS=Mus musculus GN=Capzb PE=1 SV=3
WNK2	Q3UH66-4	6	6	20807.6	20963.2	19636.4	25428.8	27649.4	30765	31582	26309.6	30620	12581.6	0.409286819	0.387972242	22897.08	26371.64	Up	0.203823665111056	Isoform 4 of Serine/threonine-protein kinase WNK2 OS=Mus musculus GN=Wnk2
ETL4	A2AQ25-2	15	15	41608.57	42148.21	42231.43	36687.29	47205.64	46087.86	47105.5	43597.36	59980.14	33509.14	0.409389951	0.387862821	41976.228	46056	Up	0.133816586044073	Isoform 2 of Sickle tail protein OS=Mus musculus GN=Skt
CCDC85B	Q6PDV0	1	1	713	999	NA	1155	1010	963	1000	NA	1877	NA	0.410134946	0.387073224	969.25	1280	Up	0.401203075136182	Coiled-coil domain-containing protein 85B OS=Mus musculus GN=Ccdc85b PE=1 SV=1
NMT1	O70310	4	4	51338	55801.75	56770	49706.5	50386.5	56166.5	58459.5	31198	62324	7857.25	0.410218147	0.386985132	52800.55	43201.05	Down	-0.289486580111727	Glycylpeptide N-tetradecanoyltransferase 1 OS=Mus musculus GN=Nmt1 PE=1 SV=1
DNAJA3	Q99M87-3	16	16	21233.07	28099.43	8430.5	32570.64	23004	26035.07	25123.71	11937.07	20818.93	3926.57	0.410491811	0.386695502	22667.528	17568.27	Down	-0.367654935159181	Isoform 3 of DnaJ homolog subfamily A member 3, mitochondrial OS=Mus musculus GN=Dnaja3
CPOX	P36552	2	2	36941.5	37610.5	31026	28837	27580.5	34446	31034	NA	47468	NA	0.411048291	0.386107153	32399.1	37649.333	Up	0.216670581251063	Coproporphyrinogen-III oxidase, mitochondrial OS=Mus musculus GN=Cpox PE=1 SV=2
FAM136A	Q9CR98	10	10	64125.56	54377.11	47734.22	66939.22	57895.33	61779.11	56771.11	40794.67	69728.11	18834	0.411239318	0.38590537	58214.688	49581.4	Down	-0.221574280311212	Protein FAM136A OS=Mus musculus GN=Fam136a PE=2 SV=1
CIAPIN1	Q8WTY4	2	2	20727.5	35116.5	9329.5	34734	25348.5	34357	45420	25432.5	20544	NA	0.411295414	0.385846133	25051.2	31438.375	Up	0.327646935988442	Anamorsin OS=Mus musculus GN=Ciapin1 PE=1 SV=1
NADK2	Q8C5H8-3	1	1	13778	7836	NA	15020	13962	13999	14407	NA	NA	NA	0.411413536	0.385721424	12649	14203	Up	0.167172358892059	Isoform 3 of NAD kinase 2, mitochondrial OS=Mus musculus GN=Nadk2
PABPC1	P29341	24	24	50133.83	56063.33	62178.21	61204.17	55418.54	53422.17	58889.58	55368.21	70676.33	63044.08	0.411901707	0.385206408	56999.616	60280.074	Up	0.080728987957647 7	Polyadenylate-binding protein 1 OS=Mus musculus GN=Pabpc1 PE=1 SV=2
OAT	P29758	11	11	28800.9	30773.5	34378.6	23579	23519.4	29941.2	30236	32270.9	27266.1	31431.6	0.412174191	0.384919206	28210.28	30229.16	Up	0.099719904883706	Ornithine aminotransferase, mitochondrial OS=Mus musculus GN=Oat PE=1 SV=1
CBR1	P48758	11	11	54793.18	64215.73	48217.73	85747.64	58941	72267.27	59053.18	33674.18	67744	33835.45	0.412405579	0.384675468	62383.056	53314.816	Down	-0.226617720115177	Carbonyl reductase [NADPH] 1 OS=Mus musculus GN=Cbr1 PE=1 SV=3
CARMIL1	Q6EDY6	1	1	403	785	NA	2943	2678	2220	NA	6332	1366	NA	0.41281485	0.384244688	1702.25	3306	Up	0.957643791440752	Leucine-rich repeat-containing protein 16A OS=Mus musculus GN=Lrrc16a PE=1 SV=2
EZR	P26040	8	8	26803.25	33004.57	13236.71	36290.57	25691.86	35394.86	31944.43	8308.29	24455.71	820.43	0.413241778	0.383795779	27005.4	20184.744	Down	-0.41398262797828 6	Ezrin OS=Mus musculus GN=Ezr PE=1 SV=3
ADPRHL2	Q8CG72-2	1	1	8349	8995	10919	21469	10365	13304	9443	2978	10976	NA	0.413299314	0.383735316	12019.4	9175.25	Down	-0.389545506499657	Isoform 2 of Poly(ADP-ribose) glycohydrolase ARH3 OS=Mus musculus GN=Adprhl2
DNAJC6	Q80TZ3-3	8	8	9689.38	12859.75	10498.88	17737.25	13142.5	19410.12	15677.38	17975.75	17659.25	5654.25	0.413986581	0.383013736	12785.552	15275.35	Up	0.256690988053742	Isoform 3 of Putative tyrosine-protein phosphatase auxilin OS=Mus musculus GN=Dnajc6
EEF1B2	O70251	14	14	57034.79	58687.64	85701.07	27437.86	52758.79	38497.93	54749.86	78111	66163.14	109530.07	0.414001725	0.38299785	56324.03	69410.4	Up	0.301401280081595	Elongation factor 1-beta OS=Mus musculus GN=Eef1b PE=1 SV=5
RBM8A	Q9CWZ3	2	2	34424	29718	32218	22682.5	25846.5	32485.5	25168.5	48747	41627.5	21267.5	0.414020131	0.382978542	28977.8	33859.2	Up	0.224599817335752	RNA-binding protein 8A OS=Mus musculus GN=Rbm8a PE=1 SV=3
NOP16	Q9CPT5	1	1	9198	12181	6317	14500	10486	14129	9713	10592	13904	NA	0.414108747	0.382885596	10536.4	12084.5	Up	0.197775760687207	Nucleolar protein 16 OS=Mus musculus GN=Nop16 PE=2 SV=1
TOLLIP	Q9QZ06	9	9	23473.11	22581.11	17889.22	28740.22	24471.11	26567.78	26163.11	21927.33	30698.22	22069.78	0.414369269	0.382612461	23430.954	25485.244	Up	0.121246470652035	Toll-interacting protein OS=Mus musculus GN=Tollip PE=1 SV=1
ARAF	P04627	2	2	10885.5	12400.5	11182.5	17479	13678.5	16812.5	12560.5	10665.5	24396.5	NA	0.414480454	0.382495945	13125.2	16108.75	Up	0.295505142209726	Serine/threonine-protein kinase A-Raf OS=Mus musculus GN=Araf PE=2 SV=2
GPT2	Q8BGT5	1	1	2546	1116	3275	6177	3110	4770	3390	3035	5187	NA	0.415019836	0.381931146	3244.8	4095.5	Up	0.335910036899748	Alanine aminotransferase 2 OS=Mus musculus GN=Gpt2 PE=1 SV=1
GBE1	Q9D6Y9	2	2	11915.5	12093	9738	23924.5	14047	20437	19369.5	11865.5	16592.5	NA	0.415124974	0.381821139	14343.6	17066.125	Up	0.250728358675916	1,4-alpha-glucan-branching enzyme OS=Mus musculus GN=Gbe1 PE=2 SV=1
KCNT1	Q6ZPR4	1	1	NA	1185	NA	2870	1597	2000	4704	NA	1899	NA	0.415357646	0.38157779	1884	2867.6667	Up	0.606078372096326	Potassium channel subfamily T member 1 OS=Mus musculus GN=Kcnt1 PE=2 SV=2
PDLIM5	Q8CI51-3	1	1	21369	20954	7010	18178	25960	24316	24138	14640	25805	NA	0.415366964	0.381568048	18694.2	22224.75	Up	0.24957645687888	Isoform 3 of PDZ and LIM domain protein 5 OS=Mus musculus GN=Pdlim5
HIST1H1A	P43275	3	3	277093.67	143502	156125	47914	178426	100943	103160.67	190711	114589	116761.33	0.415952308	0.380956461	160612.13	125233	Down	-0.358966115132049	Histone H1.1 OS=Mus musculus GN=Hist1h1a PE=1 SV=2
STARD10	Q9JMD3	2	2	3739	3806.5	NA	8025.5	3706.5	6568.5	4798.5	NA	5880.5	6174	0.415996278	0.380910555	4819.375	5855.375	Up	0.280915506370083	PCTP-like protein OS=Mus musculus GN=Stard10 PE=1 SV=1
MTFR1L	Q9CWE0	9	9	49653.22	46562.67	47788.78	21948.22	47265.67	38020.33	43

MAP9	Q3TRR0	3	3	29260.5	26509	21469	13574	23918	19722.5	27020.5	NA	44927.5	22459	0.419700117	0.377060909	22946.1	28532.375	Up	0.31435087114605	Microtubule-associated protein 9 OS=Mus musculus GN=Map9 PE=2 SV=2
RPL10A	P53026	9	9	53052.67	94106.44	76862.11	118320.22	80989.22	100251	122799.44	86820.67	93832.56	76260.44	0.419726906	0.37703319	84666.132	95992.822	Up	0.181141549717822	60S ribosomal protein L10a OS=Mus musculus GN=Rpl10a PE=1 SV=3
PRKCG	P63318	20	20	36464.2	52151.1	41322	70036.6	48158.85	62471.5	66837.55	47775.45	51138.45	49589.15	0.419764493	0.376994301	49626.55	55562.42	Up	0.162997273660253	Protein kinase C gamma type OS=Mus musculus GN=Prkcg PE=1 SV=1
FHL1	P97447	6	6	44688.5	42720	45306.83	50261.33	48003	47218.33	51191.67	10248.17	63945	6110.83	0.420218011	0.376525337	46195.932	35742.8	Down	-0.370113158074742	Four and a half LIM domains protein 1 OS=Mus musculus GN=Fhl1 PE=1 SV=3
DCTN2	Q9QXI8	29	29	55639.41	63893.31	46513.9	69887.5	52754.76	61767.07	62699.69	41633.83	59253.79	30622.86	0.420299578	0.376441046	57737.696	51195.448	Down	-0.173497998628397	Dynactin subunit 2 OS=Mus musculus GN=Dctn2 PE=1 SV=3
ATP1B2	P14231	6	6	9119.33	13077	8591.17	21831	11196	18296.83	16280.5	11668.17	14408.67	NA	0.420701952	0.376025473	12762.9	15163.543	Up	0.248650657568198	Sodium/potassium-transporting ATPase subunit beta-2 OS=Mus musculus GN=Atp1b2 PE=1 SV=2
PTGR2	Q8VDQ1	2	2	13201	17716	14467.5	20064	16599	19729	21361	18675.5	29096	8526	0.421166862	0.375545807	16409.5	19477.5	Up	0.247277234356912	Prostaglandin reductase 2 OS=Mus musculus GN=Ptgr2 PE=1 SV=2
TUBAL3	Q3UX10	9	9	490228.89	617653.11	664621.89	561730.67	492318.78	533588.22	642698.89	652171.44	502597.78	719768.78	0.421243919	0.375466356	565310.67	610165.02	Up	0.110155556702346	Tubulin alpha chain-like 3 OS=Mus musculus GN=Tubal3 PE=2 SV=2
UQCRB	Q9D855	27	27	284065.85	243439.22	201593.3	236289.19	270187.04	264562.11	233559.81	167574.67	299973.41	106612.33	0.421260548	0.375449212	247114.92	214456.47	Down	-0.204497303748971	Cytochrome b-c1 complex subunit 7 OS=Mus musculus GN=Uqcrb PE=1 SV=3
METAP1	Q8BP48	5	5	9140.25	9760.5	13718	19956	15822.75	16430.5	22973.75	NA	11920.25	NA	0.421266669	0.375442901	13679.5	17108.167	Up	0.322669667860014	Methionine aminopeptidase 1 OS=Mus musculus GN=Metap1 PE=2 SV=1
BTF3L4	Q9CQH7	6	6	39779.67	39590.5	30874.67	49137	38023	47652.33	48174.33	71285.67	58472.17	14875.67	0.42140902	0.375296173	39480.968	48092.034	Up	0.284640582282903	Transcription factor BTF3 homolog 4 OS=Mus musculus GN=Btf3l4 PE=2 SV=1
TALDO1	Q93092	1	1	66621	80607	109976	16874	98043	45702	72197	189979	138874	61197	0.421409029	0.375296164	74424.2	101589.8	Up	0.448911843491344	Transaldolase OS=Mus musculus GN=Taldo1 PE=1 SV=2
NCKAP1	P28660	4	4	55944.25	69744	45240.75	60551.25	80983.25	81630.5	93112.25	43581.75	101262	49289.25	0.422561491	0.374110083	62492.7	73775.15	Up	0.239447275802573	Nck-associated protein 1 OS=Mus musculus GN=Nckap1 PE=1 SV=2
RANBP9	P69566-2	1	1	9503	29918	20340	20801	13493	15607	14092	28872	13141	82864	0.422709728	0.373957758	18811	30915.2	Up	0.716739793746019	Isoform 2 of Ran-binding protein 9 OS=Mus musculus GN=Ranbp9
MRPL37	Q921S7	1	1	31835	51619	23461	34834	24402	41610	43152	24530	48286	NA	0.423270847	0.373381642	33230.2	39394.5	Up	0.245499248092485	39S ribosomal protein L37, mitochondrial OS=Mus musculus GN=Mrpl37 PE=2 SV=1
STX2	Q00262	1	1	17572	34272	4502	82919	36515	70619	52682	32732	46517	37020	0.424410588	0.37221379	35156	47914	Up	0.446676326857861	Syntaxin-2 OS=Mus musculus GN=Stx2 PE=1 SV=1
PDHB	Q9DD51	48	48	74463.52	67593.74	88608.8	60988.43	67975.5	69193.28	72619.43	79313.76	77891.43	83323.48	0.424488681	0.372133886	71925.998	76468.276	Up	0.088348014424573 59	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial OS=Mus musculus GN=Pdhb PE=1 SV=1
SEPT4	P28661-3	6	6	249142	226751.33	417176	163243.33	234664	208648.33	226246	378024.83	256568.17	537311.17	0.425595481	0.371002992	258195.33	321359.7	Up	0.315726101779308	Isoform 3 of Septin-4 OS=Mus musculus GN=Sept4
ADD2	Q9QYB8-3	5	5	28628	33892	30304.4	44483.4	23624.4	34186.4	35943.4	23187	29117.8	18294.4	0.425713631	0.370882444	32186.44	28145.8	Down	-0.19353336039078 1	Isoform 3 of Beta-adducin OS=Mus musculus GN=Add2
MPRIP	P97434-3	2	2	3454	4365.5	NA	13548	8986	10769.5	10204	NA	8343.5	NA	0.426810338	0.36976507	7588.375	9772.333	Up	0.364912099456759	Isoform 3 of Myosin phosphatase Rho-interacting protein OS=Mus musculus GN=Mprip
HTRA2	Q9JIY5	5	5	16705.6	18800.8	12658.4	14372	21139.2	15756.8	19793.6	8772.2	18726.2	8755.4	0.42847084	0.368078729	16735.2	14360.84	Down	-0.220745654246443	Serine protease HTRA2, mitochondrial OS=Mus musculus GN=Htra2 PE=1 SV=2
CLTB	Q6IRU5	22	22	30038.18	31488.36	24299.68	56051.5	32915.32	42617.77	33628.55	25142.32	30246.68	12129.91	0.428491349	0.368057941	34958.608	28753.046	Down	-0.281932941638372	Clathrin light chain B OS=Mus musculus GN=Cltb PE=1 SV=3
HNRNPLL	Q921F4	4	4	25452	28598.33	48244	9701	29006.33	17009	32599	20004.33	38008.67	118080	0.428633624	0.367913764	28200.332	45140.2	Up	0.678700663162614	Heterogeneous nuclear ribonucleoprotein L-like OS=Mus musculus GN=Hnrnpll PE=1 SV=3
SHROOM2	A2ALU4	4	4	9980	13997	14160	7004	11642.75	13122.75	13133.75	8531.75	20003.5	NA	0.42929086	0.367248358	11356.75	13697.938	Up	0.270408649851667	Protein Shroom2 OS=Mus musculus GN=Shroom2 PE=1 SV=1
FNBP1	Q80TY0-4	3	3	43886.33	58599.67	47876.33	49546.67	44807.33	54903	51077	36526.67	51914	20483.67	0.429638906	0.366896398	48943.266	42980.868	Down	-0.187415757804882	Isoform 4 of Formin-binding protein 1 OS=Mus musculus GN=Fnbp1
WDR13	Q91VD9	8	8	30672	40562.88	34957	32182.38	31584.88	34891.5	35768.62	16170.12	45427.12	4808.12	0.430065036	0.366465864	33991.828	27413.096	Down	-0.310322675190144	WD repeat-containing protein 13 OS=Mus musculus GN=Wdr13 PE=1 SV=1
U2AF1	Q9DBB3	2	2	88523.5	92045.5	70512	73339.5	71085	67536	77470.5	20597	92992	NA	0.430530216	0.365996363	79101.1	64648.875	Down	-0.291072492406469	Splicing factor U2AF 35 kDa subunit OS=Mus musculus GN=U2af1 PE=1 SV=4
DLG1	Q811D0-3	18	18	47106.34	47517.39	38559.94	54314.78	54071.83	54802.06	59007.22	29285.67	51995.67	25393.61	0.430654167	0.365871316	48313.176	42477.046	Down	-0.185733255775548	Isoform 3 of Disks large homolog 1 OS=Mus musculus GN=Dlg1
MYEF2	Q8C854	5	5	28902.8	20689	38247	13802.6	22325.6	18782.6	19931.4	62262	18175.8	47152.4	0.430858348	0.365665488	24793.4	33260.84	Up	0.423868477760662	Myelin expression factor 2 OS=Mus musculus GN=Myef2 PE=1 SV=1
TBCA	P48428	8	8	70082.25	68899	51556.12	38989.75	63105.5	42849.88	53860.25	37317.12	79690.75	37844	0.431341744	0.36517851	58526.524	50312.4	Down	-0.218176582605518	Tubulin-specific chaperone A OS=Mus musculus GN=Tbca PE=2 SV=3
CLTB	Q6IRU5-2	12	12	37951.17	42271.08	34078.75	81679.75	42137.92	60043.17	45100.08	34130.92	37377.42	14004.92	0.431657743	0.364860465	47623.734	38131.302	Down	-0.320704948419229	Isoform 2 of Clathrin light chain B OS=Mus musculus GN=Cltb
MRPL2	Q9D773	6	6	65453.67	71521.5	57477.17	42924	61036.67	57169.33	59312.33	105716.67	82488.67	44214.83	0.431827867	0.364689335	59682.602	69780.366	Up	0.225510729963138	39S ribosomal protein L2, mitochondrial OS=Mus musculus GN=Mrpl2 PE=2 SV=1
PFDN1	Q9CWM4	2	2	72401.5	91781	101024.5	154906.5	62604	124177.5	84254	172095.5	92852.5	102414	0.431974821	0.364541567	96543.5	115158.7	Up	0.254372372869	Prefoldin subunit 1 OS=Mus musculus GN=Pfdn1 PE=2 SV=1
GPM6B	P35803-8	2	2	637	3205.5	1300	5990.5	3947	5706.5	6670	2031.5	2640	NA	0.432142108	0.364373414	3016	4262	Up	0.498894164514039	Isoform 8 of Neuronal membrane glycoprotein M6-b OS=Mus musculus GN=Gpm6b
MRPL13	Q9D1P0	3	3	32619.5	15390	32435	8809	29627.5	12085	22340.5	59458	27289.5	69013	0.432200314	0.364123842	27776.2	38017.2	Up	0.452803039222016	39S ribosomal protein L13, mitochondrial OS=Mus musculus GN=Mrpl13 PE=2 SV=1
ETL4	A2AQ25	16	16	39103.67	39338.33	40005.67	34570.2	44640.8	43508.73	44331	40690.87	55981.47	31275.2	0.432510969	0.364002874	39531.734	43157.454	Up	0.126598519824461	Sickle tail protein OS=Mus musculus GN=Skt PE=1 SV=1
ETL4	A2AQ25-4	15	15	39103.67	39338.33	40005.67	34570.2	44640.8	43508.73	44331	40690.87	55981.47	31275.2	0.432510969	0.364002874	39531.734	43157.454	Up	0.126598519824461	Isoform 4 of Sickle tail protein OS=Mus musculus GN=Skt
ARMC6	Q8BNU0	2	2	27679.5	26736	19086.5	40815.5	29206	42009.5	43932.5	22201	28175	NA	0.432517389	0.363996428	28704.7	34079.5	Up	0.247617191386777	Armadillo repeat-containing protein 6 OS=Mus musculus GN=Armc6 PE=2 SV=1
RPS29	P62274	2	2	165909	174668.5	264672.5	106205	146471.5	141719.5	159217.5	396492.5	224009.5	162096.5	0.43259503	0.363918474	171585.3	216707.1	Up	0.336820461360463	40S ribosomal protein S29 OS=Mus musculus GN=Rps29 PE=2 SV=2
DDX19A	Q61655	3	3	14970	18547.33	31965.67	19983.33	18414	17347.67	22930.67	23148.67	22579.33	34682.67	0.433408473	0.363102603	20776.066	24137.802	Up	0.216371807369113	ATP-dependent RNA helicase DDX19A OS=Mus musculus GN=Ddx19a PE=2 SV=2
DDX5	Q61656	12	12	50559.92	42867.5	36257	35690.17	41412.17	39045.42	40577	23479.92	47981.83	35630.83	0.43342272	0.363088327	41357.352	37343	Down	-0.147305983365582	Probable ATP-dependent RNA helicase DDX5 OS=Mus musculus GN=Ddx5 PE=1 SV=2
ANXA5	P48036	3	3	17064.33	19659	21057.67	30076	18168.67	26714.67	20832.67	38849.33	23424.33	15264.33	0.433434428	0.363076744	21205.134	25017.066	Up	0.238499000560082	Annexin A5 OS=Mus musculus GN=Anxa5 PE=1 SV=1
MAG	P20917	2	2	42514	83212.5	58605	93062	64807	83552.5	71447.5	41321	34345	58801	0.433971508	0.362538782	68440.1	57893.5	Down	-0.241442981239913	Myelin-associated glycoprotein OS=Mus musculus GN=Mag PE=1 SV=2
RASAL1	Q9Z268	10	10	28111.44	45781.67	36204.56	42710.67	57876	57358.22	72835.44	52475.11	52885.56	17981.78	0.434425639	0.362084551	42136.868	50707.222	Up	0.267108154622467	RasGAP-activating-like protein 1 OS=Mus musculus GN=Rasal1 PE=2 SV=2
RAB5C	P35278	2	2	32082	17495.5	56823.5	18134	22595.5	25468.5	22882	57091.5	31781.5	51479.5	0.4347377	0.361772696	29426.1	37740.6	Up	0.359021012303638	Ras-related protein Rab-5C OS=Mus musculus GN=Rab5c PE=1 SV=2
CACNA1D	Q99246-4	1	1	NA	1914	NA	5910	4018	7991	5957	NA	2841	NA	0.435308752	0.361202602	3947.3333	5596.3333	Up	0.503603542991672	Isoform 3 of Voltage-dependent L-type calcium channel subunit alpha-1D OS=Mus musculus GN=Cacna1d
PURG	Q8R4E6	4	4	39938	40271.25	16313.5	79777.5	43412.75	50206.25	43318.5	20419.5	43667.25	9074.25	0.435968474	0.360544915	43942.6	33337.15	Down	-0.398489460514054	Purine-rich element-binding protein gamma OS=Mus musculus GN=Purg PE=2 SV=1
PPP1R12A	Q9DBR7-2	4	4	47944.25	50987.5	56443.75	30473.75	50833.75	41124.5	46407.25	29114.75	63152.25	22120	0.436003008	0.360510515	47336.6	40383.75	Down	-0.229181202437992	Isoform 2 of Protein phosphatase 1 regulatory subunit 12A OS=Mus musculus GN=Ppp1r12a
ATP6V1G2	Q9WTT4	43	43	100201.66	80557.07	60345.17	95157.07	101694.76	98609.41	88328.54	44231.41	106098.41	28189.95	0.436231619	0.36028286	87591.146	73091.544	Down	-0.261080553518812	V-type proton ATPase subunit G 2 OS=Mus musculus GN=Atp6v1g2 PE=2 SV=1
RBM14	Q8C2Q3	4	4	80731.5	17876	45879.75	23353.5	46302	44184.5	39901.75	35325	40754.75	29204	0.436232375	0.360282107	46428.55	37874	Down	-0.293304427986894	RNA-binding protein 14 OS=Mus musculus GN=Rbm14 PE=1 SV=1
VCAN	Q62059-3	6	6	39442.33	42607.83	64304.33	27457.67	48744.33	37001.33	44140.83	47050	48516.83	97359.67	0.436248227	0.360266325	44511.298	54813.732	Up	0.300365792087839	Isoform V2 of Versican core protein OS=Mus musculus GN=Vcan
NUDC	Q35685	4	4	42762	38784.25	56088.75	81196.75	43414.5	59010.75	47881.75	71113.25	40062	94949.75	0.436402882	0.36011239	52449.25	62603.5	Up	0.255321173687686	Nuclear migration protein nudC OS=Mus musculus GN=Nudc PE=1 SV=1
SMAP2	Q7TN29	3	3	142602.33	142851	123072.33	147325.67	163655.33	132497	148960	128121.67	165045.33	76774.67	0.43650503	0.360010747	143901.33	130279.73	Down	-0.143467267007408	Stromal membrane-associated protein 2 OS=Mus musculus GN=Smap2 PE=1 SV=1
TMPO	Q61029-3	2	2	4181.5	3108	3545.5	6220	4824.5	6435.5	3576.5	NA	6042.5	4348.5	0.436672008	0.359844647	4375.9	5100.75	Up	0.221129623118269	Isoform Epsilon of Lamina-associated polypeptide 2, isoforms beta/delta/epsilon/gamma OS=Mus musculus GN=Tmpo
ABCB10	Q9JI39	1	1	1655	6513	3711	762	1971	3161	2186	NA	3015	12094	0.436810226	0.359707203	2922.4	5114	Up	0.807298501766993	ATP-binding cassette sub-family B member 10, mitochondrial OS=Mus musculus GN=Abcb10 PE=2 SV=1
HMGB2	P30681	2	2	49046	31815.5	107334.5	2280	47679.5	33791	38566.5	93565.5	67184.5	112284	0.437205794	0.359314091	51736.5	69078.3	Up	0.417050120647468	High mobility group protein B2 OS=Mus musculus GN=Hmgb2 PE=1 SV=3
WDR54	Q9R0D8	2	2	3398.5	3189	1271	3196	4719.5	4484	6989.5	NA	2122.5	NA	0.437233399	0.359286671	3154.8	4532	Up	0.522599313368676	WD repeat-containing protein 54 OS=Mus musculus GN=Wdr54 PE=2 SV=1
NPLOC4	P60670	1	1	2511	6411	3083	12591	2878	3962	4617	NA	8499	NA	0.437493171	0.359028721	5494.8	7492.667	Up	0.447412295118446	Nuclear protein localization protein 4 homolog OS=Mus musculus GN=Nploc4 PE=1 SV=3
PPP1R8	Q8R3G1	1	1	1223	1265	NA	1773	805	908	839	3778	2042	NA	0.437563718	0.358958696	1266.5	1891.75	Up	0.578874368079753	Nuclear inhibitor of protein phosphatase 1 OS=Mus musculus GN=Ppp1r8 PE=1 SV=1
RAP1A	P62835	2	2	49935.5	75604.5	87373.5	64246.5	50558	74395.5	69812.5	69658.5	53281.5	107536	0.437704682	0.358818808	65543.6	74936.8	Up	0.193219456660672	Ras-related protein Rap-1A OS=Mus musculus GN=Rap1a PE=2 SV=1
CPLX2	P84086	14	14	211892.17	209978.58	230542.83	177461.42	225305.67	183527.33	187764.17	275438.08	194005.5	382783.08	0.437870621	0.358654193	211036.13	244703.63	Up	0.213545473681791	Complexin-2 OS=Mus musculus GN=Cplx2 PE=1 SV=1
1810026J23RIK	Q8BGX2	2	2	726.5	1320.5	NA	5219.5	3523.5	3735.5	3451	NA	3671.5	NA	0.438835097	0.357698646	2697.5	3619.3333	Up	0.424101023432749	Uncharacterized protein C19orf52 homolog OS=Mus musculus PE=2 SV=1
HSPA12A	Q8KU04	6	6	39605.17	48837.67	53750.67	70282.17	46733.17	59423.67	59949	58560.33	47278.17	57541.83	0.438967341	0.35756779	51841.77	56550.6	Up	0.125427355167609	Heat shock 70 kDa protein 12A OS=Mus musculus GN=Hspa12a PE=1 SV=1
KRAS	P32883-2	27	27	56817.83	62019	59239.13	70743.74	58381.57	62511.96	65347.09	64950.26	66113.35	59672.17	0.43897514	0.357560074	61440.254	63718.966	Up	0.052538675395199 3	Isoform 2B of GTPase KRas OS=Mus musculus GN=Kras
PPP1CA	P62137	2	2	6664.5	6263.5	5930	8242.5	6121	7171.5	8373.5	4476	10263	NA	0.439107143	0.357429498	6344.3	7521	Up	0.245463504180389	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit OS=Mus musculus GN=Ppp1ca PE=1 SV=1
COA7	Q922U9	3	3	55463.67	55546.33	64743	49240.33	46589.67	49950.33	50901	26179	74959	27596	0.439201878	0.357335812	53904.066	45917.066	Down	-0.231363640101704	Cytochrome c oxidase assembly factor 7 OS=Mus musculus GN=Coa7 PE=2 SV=1
EIF4G1	Q6NZJ6	3	3	33536.33	35932.33	21598.67	43058.67	48489.67	48282.67	49288.67	51672.33	55957.33	13903.67	0.439266287	0.357272127	36523.134	43820.934	Up	0.262809667962967	Eukaryotic translation initiation factor 4 gamma 1 OS=Mus musculus GN=Eif4g1 PE=1 SV=1
IAM2	Q9JI59	1	1	738	1227	NA	4152	1868	3097	3423	NA	1765	NA	0.439581978	0.356960122	1996.25	2761.6667	Up	0.468246789089063	Junctional adhesion molecule B OS=Mus musculus GN=Jam2 PE=1 SV=1
SCCPDH	Q8R127	1	1	38269	45986	104926	67286	41398	56448	45649	81002	64246	128074	0.439636365	0.356906391	59573	75083.8	Up	0.333843054281705	Saccharopine dehydrogenase-like oxidoreductase OS=Mus musculus GN=Sccpdh PE=2 SV=1
CALB1	P12658	4	4	67913.25	62771	99009.25	69026.5	64462	63244.5	83750.5	111890	65675.5	83308	0.440672186	0.355884361	72636.4	81573.7	Up	0.167411389324441	Calbindin OS=Mus musculus GN=Calb1 PE=1 SV=2
OCIAD2	Q9DBW7	9	9	55523.33	46574.67	47874.89	54572	48300.56	51194	51491.56	65089	55030.56	45405.89	0.441430943	0.355137227	50569.09	53642.202	Up	0.085112643617664	OCIA domain-containing protein 2 OS=Mus musculus GN=Ociad2 PE=1 SV=1
NWD2	Q9P5U7	1	1	62478	72364	118263	19433	63886	51278	58800	61000	86655	240213	0.441644613	0.354927063	67284.8	99589.2	Up	0.565708667964432	Leucine-rich repeat and WD repeat-containing protein KIAA1239 OS=Mus musculus GN=Kiaa1239 PE=1 SV=2
SIRT5	Q8K2C6	4	4	37046.25	37312	6498	43382.75	45686	55178.5	45023	24712.25	42003	NA	0.441667053	0.354904505	33985	41729.188	Up	0.296158707065642	NAD-dependent protein deacylase sirtuin-5, mitochondrial OS=Mus musculus GN=Sirt5 PE=1 SV=1
GNG12	Q9DAS9	7	7	74677	95052.14	52152.43	107136.57	92271	103967.29	93376	38758.14	92089.57	4681.86	0.441852034	0.354723141	84257.828	66574.572	Down	-0.339839478006471	Guanine nucleotide-binding protein G(I)/(G)/(G(O) subunit gamma-12 OS=Mus musculus GN=Gng12 PE=1 SV=3
IVD	Q9JHI5	5	5	47829.8	49635.8	70474.6	45680.8	41710	52286.6	57138.2	62893.6	51741	53839	0.441887982	0.35468781	51066.2	55579.68	Up	0.122188820774291	Isovaleryl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Ivd PE=1 SV=1
SERBP1	Q9CYS8-4	3	3	75113.33	82751	67930.67	147360.67	65421.33	95994.67	87356.67	46450	105256.33	6909.33	0.441976749	0.354600577	87715.4	68393.4	Down	-0.35897304472672	Isoform 4 of Plasminogen activator inhibitor 1 RNA-binding protein OS=Mus musculus GN=Serbp1
ZFP326	O88291	3	3	13180	9631.67	6306	5978	10052	11223	6950.33	NA	20028.33	NA	0.442450981	0.354134838	9029.534	12733.887	Up	0.495949389682645	DBIRD complex subunit ZNF326 OS=Mus musculus GN=Znf326 PE=2 SV=1
TPI1	P17751	69	69	98132.52	96563.41	97859.99	99758.62	99451.14	97950.46	102506.28	97985.38	91621.3	93274.49	0.443009591	0.353586871	98353.136	96667.582	Down	-0.024938895477106	Triosephosphate isomerase OS=Mus musculus GN=Tpi1 PE=1 SV=4
LGI1	Q9JIA1	1	1	7673	7461	NA	15844	6139	12232	8619	NA	13694	NA	0.443087591	0.353510412	9279.25	11515	Up	0.311434302497918	Leucine-rich glioma-inactivated protein 1 OS=Mus musculus GN=Lgi1 PE=1 SV=1
HNRNPF	Q92ZX1-2	5	5	15258.6	14556.6	9486	29709.4	15248.8	20745.8	15854.6	9971.8	15160	5033	0.443478988	0.353126952	16851.88	13353.04	Down	-0.335741319481445	Isoform 2 of Heterogeneous nuclear ribonucleoprotein F OS=Mus musculus GN=Hnrnpf
SIRPA	P97797-2	8	8	7459.62	9649.62	10387.12	29427	10962.62	25695.5	21840.5	14245.25	14745.62	10982.38	0.443683062	0.352927151	13577.196	17501.85	Up	0.366321866490066	Isoform 2 of Tyrosine-protein phosphatase non-receptor type substrate 1 OS=Mus musculus GN=Sirpa
RABEP1	O35551-3	6	6	9669.4	13211.4	6406	10813.8	11122.8	15161.6	11662.8	4728	23214.2	NA	0.444013141	0.352604176	10244.68	13691.65	Up	0.418421396853039	Isoform 3 of Rab GTPase-binding effector protein 1 OS=Mus musculus GN=Rabep1
HSDL2	Q2TPA8	1	1	20100	21103	27281	8083	20176	13278	16774	21160	20742	72747	0.444247822	0.352374693	19348.6	28940.2	Up	0.580845710527364	Hydroxysteroid dehydrogenase-like protein 2 OS=Mus musculus GN=Hsdl2 PE=1 SV=1
CPLX1	P63040	19	19	157505.63	160405.63	170411.79	144521.42	166716.42	141069.63	144064.47	208620.05	148143.21	254308.53	0.444335451	0.352289035	159912.18	179241.18	Up	0.164622302810111	Complexin-1 OS=Mus musculus GN=Cplx1 PE=1 SV=1
BRK1	Q91VR8	11	11	152203.45	144148.73	161249.18	90207.55	132099.27	110772	119756.18	226749.55	159061.91	160979	0.44444678	0.352180235	135981.64	155463.73	Up	0.193166185346841	Protein BRICK1 OS=Mus musculus GN=Brk1 PE=2 SV=1
CAMSAP1	A2AHC3	1	1	18037	23936	73236	25375	32004	21891	31392	62069	34358	83764	0.444914865	0.351723084	34517.6	46694.8	Up	0.435929740505362	Calmodulin-regulated spectrin-associated protein 1 OS=Mus musculus GN=Camsap1 PE=1 SV=1
GNB5	P62881-2	5	5	30084.4	29808.4	33667.2	23285.2	22520.6	30374.4	26248.4	31712	38779.6	25214.2	0.444925725	0.351712483	27873.16	30465.72	Up	0.128310265064263	Isoform 2 of Guanine nucleotide-binding protein subunit beta-5 OS=Mus musculus GN=Gnb5
PPP1R12A	Q9DBR7	5	5	51075.2	51009.8	51034	29771.2	52463.6	39795.2	46191	30122.2	64817.6	17696	0.445151857	0.35149181	47070.76	39724.4	Down	-0.244805717655935	Protein phosphatase 1 regulatory subunit 12A OS=Mus musculus GN=Ppp1r12a PE=1 SV=2
PSMA4	Q9R1P0	1	1	13358	17732	14075	15339	11716	15991	12945	11637	12757	NA	0.445181482	0.351462909	14444	13332.5	Down	-0.115522997378283	Proteasome subunit alpha type-4 OS=Mus musculus GN=Psma4 PE=1 SV=1
ARHGAP21	Q6DFV3	3	3	12960	15738.67	14608	13698.33	18853	18414	19761.33	9030.67	26036	NA	0.445445889	0.351205044	15171.6	18310.5	Up	0.271297946447967	Rho GTPase-activating protein 21 OS=Mus musculus GN=Arhgap21 PE=1 SV=1
XK	Q9QXY7	1	1	981	1244	NA	1767	1560	3097	845	NA	2073	NA	0.445813241	0.350847036	1388	2005	Up	0.530594668764022	Membrane transport protein XK OS=Mus musculus GN=Xk PE=1 SV=1
ADAM10	O35598	3	3	13522	15007.67	28987	6723	14346	14426.33	12599.33	23921	24026.33	21222.67	0.445996272	0.350668772	15717.134	19239.132	Up	0.291705543479939	Disintegrin and metalloproteinase domain-containing protein 10 OS=Mus musculus GN=Adam10 PE=1 SV=2
LMNA	P48678-2	13	13	47127.92	22289	28284.38	18984.69	28430	28475.15	23420.92	21844.92	25465.23	NA	0.446169829	0.350499801	29023.198

CNST	Q8CBC4	1	1	2752	6510	NA	17969	6244	13861	9521	NA	NA	NA	0.449313126	0.347450894	8368.75	11691	Up	0.482314281791158	Consortin OS=Mus musculus GN=Cnst PE=1 SV=1
HADHB	Q99JY0	13	13	76322.15	70166.69	80925.31	31649.54	62397.23	58561.38	64132.23	121021.23	65550.69	69653.62	0.449393927	0.347372801	64292.184	75783.83	Up	0.23724669351626	Trifunctional enzyme subunit beta, mitochondrial OS=Mus musculus GN=Hadhb PE=1 SV=1
PLXNA1	P70206	8	8	19675.29	32221.86	24660.71	35176.29	39595.14	37187.29	46552.43	33138.71	29030.14	25682.29	0.449871592	0.34691143	30265.858	34318.172	Up	0.181281457678173	Plexin-A1 OS=Mus musculus GN=Plxna1 PE=1 SV=1
SBDS	P70122	2	2	43808	47977	33790.5	255.25	43429.5	37845.5	31288	11718.5	53313.5	28754	0.450253456	0.346542945	38906	32583.9	Down	-0.25583336987952	Ribosome maturation protein SBDS OS=Mus musculus GN=Sbds PE=1 SV=4
DMTN	Q9WV69-4	16	16	66834.93	58922.07	46497.73	67986.3	71264.33	65620.67	64607.47	52860.4	66786.93	25528.6	0.450260835	0.346535827	62301.172	55080.814	Down	-0.17770942307049	Isoform 4 of Dematin OS=Mus musculus GN=Dmtn
UCHL4	P58321	2	2	20511.5	26007.5	9163.5	21083	23048	30458.5	20075	21307	20166.5	NA	0.450568266	0.346239399	19962.7	23001.75	Up	0.204436765652811	Ubiquitin carboxyl-terminal hydrolase isozyme L4 OS=Mus musculus GN=Uchl4 PE=2 SV=1
TUBB2B	Q9CWF2	126	126	67399.79	74668.68	61136.81	86219.74	60378.49	71882.86	71937.1	63731.42	63270.12	56391.69	0.450778609	0.346036701	69960.702	65442.638	Down	-0.096313860980445 8	Tubulin beta-2B chain OS=Mus musculus GN=Tubb2b PE=1 SV=1
PITPNB	P53811	1	1	49367	64196	53340	69641	72314	104734	83744	NA	45483	NA	0.450962922	0.345859164	61771.6	77987	Up	0.336289955085959	Phosphatidylinositol transfer protein beta isoform OS=Mus musculus GN=Pitpnb PE=1 SV=2
SEPT5	Q92ZQ6	28	28	160991.21	154699.71	183907.25	154458.14	160106.86	150754.18	158301.93	173284.96	170264.25	204357.82	0.451056373	0.345769177	162832.63	171392.63	Up	0.073915191676889	Septin-5 OS=Mus musculus GN=Sept5 PE=1 SV=2
ACIN1	Q9JIX8-3	1	1	22507	22967	19282	23041	23557	30883	26100	19610	21421	NA	0.451114877	0.34571285	22270.8	24503.5	Up	0.13783445100812	Isoform 3 of Apoptotic chromatin condensation inducer in the nucleus OS=Mus musculus GN=Acin1
NUTF2	P61971	1	1	26885	26125	NA	7820	19782	13865	21190	NA	25492	48468	0.45111523	0.34571251	20153	27253.75	Up	0.435460136173294	Nuclear transport factor 2 OS=Mus musculus GN=Nutf2 PE=2 SV=1
NETO1	Q8R4I7	1	1	NA	2800	NA	6770	1059	5678	NA	NA	4590	NA	0.451292269	0.345542106	3543	5134	Up	0.535111830457105	Neuropilin and tolloid-like protein 1 OS=Mus musculus GN=Neto1 PE=1 SV=2
RUVBL2	Q9WTM5	2	2	16223	18464.5	1543	13630.5	13433	18782	18517	6238.5	21491	NA	0.451671084	0.345177712	12658.8	16257.125	Up	0.360931495851008	Ruvb-like 2 OS=Mus musculus GN=Ruvbl2 PE=2 SV=3
MRPS35	Q8BJZ4	3	3	113512.67	141853	118822.33	77163	100535.33	103827	131573	80782	137357.67	174523.33	0.452064108	0.344799973	110377.27	125612.6	Up	0.18653812981640 1	28S ribosomal protein S35, mitochondrial OS=Mus musculus GN=Mrps35 PE=2 SV=2
VPS4B	P46467	1	1	39960	35124	42086	27764	39881	41026	35297	31614	27730	NA	0.452827171	0.344067522	36963	33916.75	Down	-0.12408392051328 5	Vacuolar protein sorting-associated protein 4B OS=Mus musculus GN=Vps4b PE=1 SV=2
SYNPO	Q8CC35-3	49	49	54999.54	49460.88	58169.88	25239.06	51889.15	36461.85	45540.27	60512.4	60877.35	69210.4	0.452913284	0.343984941	47951.702	54520.454	Up	0.185215552492334	Isoform 3 of Synaptopodin OS=Mus musculus GN=Synpo
DAZAP1	Q9JII5	5	5	82040	67198.6	69184.2	45475.2	67645.8	50195.4	54411.4	66763.4	64588.4	68134.6	0.453194061	0.34371579	66308.76	60818.64	Down	-0.12468592046656 2	DAZ-associated protein 1 OS=Mus musculus GN=Dazap1 PE=2 SV=2
DLGAP4	B1AZP2-2	23	23	36964.86	35174.1	22616.29	34440.52	38976.24	35912.14	35564	27648.71	32667.1	20156.95	0.453202768	0.343707446	33634.402	30389.78	Down	-0.14635137729240 7	Isoform 2 of Disks large-associated protein 4 OS=Mus musculus GN=Dlgap4
TPRGL	Q9DB52	1	1	2399	NA	NA	3323	1843	3509	2621	NA	NA	NA	0.453354723	0.343561855	2521.6667	3065	Up	0.281509492195201	Tumor protein p63-regulated gene 1-like protein OS=Mus musculus GN=Tprgl1l PE=1 SV=1
UBXN1	Q922Y1	2	2	34749	45567	27022	46494.5	60040	54954	74521.5	18789.5	67822.5	NA	0.453621744	0.343306136	42774.5	54021.875	Up	0.336792723157596	UBX domain-containing protein 1 OS=Mus musculus GN=Ubxn1 PE=1 SV=1
NLGN1	Q99K10	1	1	NA	NA	NA	19251	14703	20884	21141	NA	16543	NA	0.453777437	0.343157102	16977	19522.667	Up	0.201568585671615	Neuroligin-1 OS=Mus musculus GN=Nlgn1 PE=1 SV=2
CSNK2A1	Q60737	4	4	30183.25	31183	30766.75	38427.25	34956.25	45481	41663.25	5024.75	32388.5	3391.25	0.454042636	0.342903364	33103.3	25589.75	Down	-0.37140899052347 1	Casein kinase II subunit alpha OS=Mus musculus GN=Csnk2a1 PE=1 SV=2
RAPGEF2	Q8CHG7	21	21	23802.81	29180.95	16920.33	36867.43	37207.81	40071.14	44666.29	20371.81	43621.95	21540.67	0.454550741	0.34241763	28795.866	34054.372	Up	0.241978317589078	Rap guanine nucleotide exchange factor 2 OS=Mus musculus GN=Rapgef2 PE=1 SV=2
SUCLG1	Q9WUM5	20	20	171047.25	167260.75	172719.2	170708.45	149820.1	149659.7	143454.05	196173.95	168068.55	271562.7	0.454748139	0.34222907	166311.15	185783.79	Up	0.159739734755485	Succinyl-CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial OS=Mus musculus GN=Suclg1 PE=1 SV=4
RBFOX1	Q9JI43-3	1	1	3229	3283	2047	2661	2718	2776	2635	NA	5906	NA	0.455192861	0.341804557	2787.6	3772.3333	Up	0.436433602008003	Isoform 3 of RNA binding protein fox-1 homolog 1 OS=Mus musculus GN=Rbfox1
XPR1	Q9Z0U0	1	1	649	1033	NA	4521	1840	3719	3592	NA	1478	NA	0.455238902	0.341760633	2010.75	2929.6667	Up	0.543002806140 4	Xenotropic and polytropic retrovirus receptor 1 OS=Mus musculus GN=Xpr1 PE=1 SV=1
PTPRZ1	B9EKR1	13	13	48392	60660.46	90329.77	34988.54	49987.08	47281.08	53922.38	74596	68929.15	85233.08	0.455385888	0.341620432	56871.57	65992.318	Up	0.214598899003412	Receptor-type tyrosine-protein phosphatase zeta OS=Mus musculus GN=Ptprz1 PE=1 SV=1
ARF5	P84084	2	2	202432	305025	14137.5	25464	25098	30524	30716.5	14550	32915	NA	0.456175637	0.340662912	23106.7	27177.25	Up	0.234088245693367	ADP-ribosylation factor 5 OS=Mus musculus GN=Arf5 PE=1 SV=2
TJP1	P39447	17	17	22563.62	24834.08	19286.46	19752.85	26583.08	25082.15	26580.23	11459.31	26292.62	3928.23	0.456214495	0.340830921	22604.018	18668.508	Down	-0.27597261215531 5	Tight junction protein ZO-1 OS=Mus musculus GN=Tjp1 PE=1 SV=2
PPP2CB	P62715	4	4	10582.75	15219.5	19573.25	24148.75	20686.25	17882.5	26715	9401	14091	4541.75	0.456677036	0.340390826	18042.1	14526.25	Down	-0.31270495555043 8	Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform OS=Mus musculus GN=Ppp2cb PE=1 SV=1
AFG3L2	Q8JZQ2	10	10	16832.1	23436.7	22743.5	38779.4	26891.5	37089.5	32047.6	32914.7	27577.1	18100.4	0.456950487	0.340130856	25736.64	29545.86	Up	0.199132275032503	AFG3-like protein 2 OS=Mus musculus GN=Afg3l2 PE=1 SV=1
LIMA1	Q9ERG0	2	2	30589	34353.5	47116.5	13909.5	33985	25204.5	34679.5	20144.5	51996	69774	0.457062681	0.340024237	31990.7	40359.7	Up	0.335262889777428	LIM domain and actin-binding protein 1 OS=Mus musculus GN=Lima1 PE=1 SV=3
KLC2	Q88448	16	16	40166.85	45562.15	41099	41149.54	49401	46213.54	48440.69	20064.15	51790.08	22123.23	0.457148277	0.339942913	43475.708	37726.338	Down	-0.20463745375515 2	Kinesin light chain 2 OS=Mus musculus GN=Klc2 PE=1 SV=1
SLC9A3R1	P70441-2	1	1	32932	25479	56848	20916	22915	21844	19226	69030	29273	73305	0.457290411	0.339807905	31818	42535.6	Up	0.418827650342771	Isoform 2 of Na(+)/H(+) exchange regulatory cofactor NHE-RF1 OS=Mus musculus GN=Slc9a3r1
TIMM8A2	Q4FZG7	1	1	117913	79289	142385	79959	72973	60241	106396	159850	115658	104949	0.457546326	0.339652546	91103.8	109518.8	Up	0.265595407989214	Putative mitochondrial import inner membrane translocase subunit Tim8 A-B OS=Mus musculus GN=Timm8a2 PE=3 SV=1
OGDH	Q60597-3	21	21	82347.86	108448.33	69687.05	110236.05	123269	126613.81	143682	82089.43	115898.9	85883.52	0.457706338	0.339413074	98797.658	110833.53	Up	0.165845677674265	Isoform 3 of 2-oxoglutarate dehydrogenase, mitochondrial OS=Mus musculus GN=Ogdh
STX4A	P70452	2	2	1412	4849.5	1474.5	12113	4623.5	8103	6865	NA	4887	NA	0.458567692	0.338596546	4894.5	6618.3333	Up	0.435306466877654	Syntaxin-4 OS=Mus musculus GN=Stx4 PE=1 SV=1
PRKCSH	O08795	17	17	40984.5	50310.07	32150.64	65448.5	46224.43	50849.07	50965.21	41975.21	42130.29	16615.5	0.458921245	0.338261837	47023.628	40507.056	Down	-0.21521261546637 9	Glucosidase 2 subunit beta OS=Mus musculus GN=Prkcsh PE=1 SV=1
GPRASP2	Q8BUY8	1	1	NA	NA	NA	5027	3355	5355	4884	NA	NA	NA	0.458929193	0.338254316	4191	5119.5	Up	0.288708393689402	G-protein coupled receptor-associated sorting protein 2 OS=Mus musculus GN=Gprasp2 PE=2 SV=2
ETFB	Q9DCW4	22	22	78381.45	81092.68	59502.55	71505.32	80544.23	77555.23	78298.18	63821	78823	36822.95	0.459283217	0.337919425	74205.246	67064.072	Down	-0.14598109951874 6	Electron transfer flavoprotein subunit beta OS=Mus musculus GN=Etfb PE=1 SV=3
CETN2	Q9R1K9	4	4	18825.5	20992	2585.5	15538.5	20279.5	18301.5	16490	NA	20850.5	NA	0.459538546	0.337678054	15644.2	18547.333	Up	0.245583891289866	Centrin-2 OS=Mus musculus GN=Cetn2 PE=2 SV=1
AMPH	Q7TQF7	46	46	102461	122671.51	109063.04	168825.02	120720.89	128246.93	127624.04	109330.16	119302.98	83589.96	0.460042982	0.33720159	124748.29	113618.81	Down	-0.13481831421179 3	Amphiphysin OS=Mus musculus GN=Amph PE=1 SV=1
DAC13	Q0PHV7	7	7	6210.8	93674	4126.6	6977.4	7236	8789	8471.4	9495.4	14494.8	1549.2	0.460214187	0.337039997	6783.72	8559.96	Up	0.335274315690066	Dapper homolog 3 OS=Mus musculus GN=Dact3 PE=1 SV=1
PTPRJ	Q64455	1	1	NA	2739	NA	9625	959	6005	7742	NA	NA	NA	0.460495867	0.336774263	4441	6873.5	Up	0.630160338049009	Receptor-type tyrosine-protein phosphatase eta OS=Mus musculus GN=Ptprj PE=1 SV=2
VPS37B	Q8R0J7	4	4	24528.5	27491.75	19340	17538.5	27741	24395.25	29338.25	30520.5	27651	17096.5	0.461142894	0.33616448	23327.95	25800.3	Up	0.145328308496716	Vacuolar protein sorting-associated protein 37B OS=Mus musculus GN=Vps37b PE=2 SV=1
GRK2	Q99MK8	2	2	1171	3284	NA	7606	1647	5332	4118	NA	NA	NA	0.461375272	0.335945686	3427	4725	Up	0.463368137476623	Beta-adrenergic receptor kinase 1 OS=Mus musculus GN=Adrbk1 PE=1 SV=2
DMTN	Q9WV69-3	18	18	57099.44	50618.61	39943.72	57786.67	60901.28	56264.56	55372.22	45103.89	57761.11	21273.83	0.461721848	0.335619575	53269.944	47155.122	Down	-0.17590727899648	Isoform 3 of Dematin OS=Mus musculus GN=Dmtn
FAM177A	Q8BR63	4	4	9368.5	11603.5	1721.5	16724.5	11318	13456.5	11816.5	NA	11240.5	NA	0.461870413	0.335479858	10147.2	12171.167	Up	0.262385776485101	Protein FAM177A1 OS=Mus musculus GN=Fam177a1 PE=2 SV=1
2700060E02RIK	Q9CQE8	1	1	23330	22107	21175	37352	23898	24909	25450	NA	16482	NA	0.462160307	0.335207357	25572.4	22280.333	Down	-0.19881674874745 9	UPF0568 protein C14orf166 homolog OS=Mus musculus GN=Mus musculus PE=2 SV=1
TMEM169	Q8BG50	1	1	39742	35232	35486	33960	34209	24294	34148	42206	45077	35321	0.462241311	0.334192718	31725.8	36209.2	Up	0.190699758879122	Transmembrane protein 169 OS=Mus musculus GN=Tmem169 PE=2 SV=1
PPFIA3	P60469	20	20	15434.7	17988.2	10852.75	26574.9	20117.45	24730.75	21672.05	24642.1	27315.95	8783.4	0.463492473	0.333957314	18193.6	21428.85	Up	0.236123388589399	Liprin-alpha-3 OS=Mus musculus GN=Ppfia3 PE=1 SV=1
MECR	Q9DCS3	8	8	55878	56510.67	51052.17	81434.83	53974.83	70453.5	57932.17	39964.83	57201	43386.5	0.464009591	0.333473042	59770.1	53787.6	Down	-0.15215033912343	Trans-2-enoyl-CoA reductase, mitochondrial OS=Mus musculus GN=Mecr PE=1 SV=2
IGBP1	Q61249	3	3	7166	5098.33	8693	6539.33	5687	6786	6528.67	NA	8992.33	NA	0.464900092	0.332640367	6636.732	7435.6667	Up	0.163989079686976	Immunoglobulin-binding protein 1 OS=Mus musculus GN=Igbp1 PE=1 SV=1
CDK5	P49615	8	8	29713.62	42462.38	43373.12	35071.62	39163.12	40695.75	37402.38	25656	52045	58715.75	0.46492854	0.332613794	37956.772	42902.976	Up	0.176720420060568	Cyclin-dependent kinase 5 OS=Mus musculus GN=Cdk5 PE=1 SV=1
ARMCX2	Q6A058	1	1	3180	9744	NA	18940	9973	16572	25398	NA	5659	NA	0.465061287	0.332489811	10459.25	15876.333	Up	0.602098353874513	Armadillo repeat-containing X-linked protein 2 OS=Mus musculus GN=Armcx2 PE=2 SV=2
CAMKK2	Q8C078-3	6	6	5799	6849.25	4078.25	8822.5	7850.75	9631	9065.5	4161.5	8566.75	NA	0.465068479	0.332483095	6679.95	7856.1875	Up	0.233992058156637	Isoform 3 of Calcium/calmodulin-dependent protein kinase kinase 2 OS=Mus musculus GN=Camkk2
DPY30	Q99LT0	2	2	28237	35931	40266.5	34086.5	33069	28993.5	41861.5	33576.5	32991	51803	0.465570858	0.332014212	34318	37845.1	Up	0.141141041895549	Protein dpy-30 homolog OS=Mus musculus GN=Dpy30 PE=1 SV=1
IGF2R	Q07113	1	1	NA	5260	14365	7953	6384	8204	8535	NA	4431	NA	0.465647112	0.331340086	5740.5	7056.6667	Up	0.292781046178414	Cation-independent mannose-6-phosphate receptor OS=Mus musculus GN=Igf2r PE=1 SV=1
SUCLA2	Q9Z2I9	12	12	46614.92	56991.83	53559.58	77229.75	56723.33	69833.33	57670.75	42211.08	51016.25	42591.08	0.465949524	0.331661128	58223.882	52664.498	Down	-0.14478028726185 4	Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial OS=Mus musculus GN=SuclA2 PE=1 SV=2
CALB2	Q08331	2	2	36738	50172.5	48037	80760.5	48431	61575	51423	47918.5	84770.5	NA	0.466128233	0.331494591	52827.8	61421.75	Up	0.217452287015757	Calretinin OS=Mus musculus GN=Calb2 PE=1 SV=3
PRKCA	P20444	5	5	64588.8	79076.6	71943.2	98071	90316	98008	98131	115373.2	91762.8	49403.8	0.466788587	0.330879771	80799.12	90535.76	Up	0.164148163035695	Protein kinase C alpha type OS=Mus musculus GN=Prkca PE=1 SV=3
TCEB2	P62869	2	2	38724	31710.5	76940	52880.5	35610	40015	39388	68508.5	38822.5	113970	0.467125123	0.330566774	47173	60140.8	Up	0.350382705951377	Transcription elongation factor B polypeptide 2 OS=Mus musculus GN=Tceb2 PE=1 SV=1
CDHR3	Q8BLU0	1	1	3180	4808	1881	3343	4037	3761	2588	NA	2532	NA	0.467551273	0.330170756	3449.8	2960.3333	Down	-0.22075309260657 2	Cadherin-related family member 3 OS=Mus musculus GN=Cdhr3 PE=2 SV=2
TMEM163	Q8C996	2	2	1353	2424.5	2290	7847	3324	6436	4834	1942	5136.5	NA	0.468052346	0.329705574	3447.7	4587.125	Up	0.411955977205345	Transmembrane protein 163 OS=Mus musculus GN=Tmem163 PE=1 SV=1
ASPSCR1	Q8VBT9-3	1	1	7674	9046	6591	4092	7849	7120	7027	NA	10135	NA	0.468105554	0.329656219	7050.4	8094	Up	0.199147738780165	Isoform 3 of Tether containing UBX domain for GLUT4 OS=Mus musculus GN=Aspscr1
ITCH	Q8C863	2	2	1250	3511	NA	5254	3827	5656	5467	NA	2440	NA	0.468212401	0.329557088	3460.5	4521	Up	0.385663412914841	E3 ubiquitin-protein ligase Itchy OS=Mus musculus GN=Itch PE=1 SV=2
HIST1H4A	P62806	19	19	214061.47	105742.05	164043.16	85676.21	129662.47	95071.42	83821	145357.74	72323	184575.11	0.468520231	0.329271651	139837.07	116229.65	Down	-0.26676868760915 5	Histone H4 OS=Mus musculus GN=Hist1h4a PE=1 SV=2
CACNA1E	Q61290	13	13	7473.85	18720.08	7234.54	29595.23	16920.69	24979.77	28927.85	11171.77	16555.77	NA	0.468851758	0.328964452	15988.878	20408.79	Up	0.352121947137432	Voltage-dependent R-type calcium channel subunit alpha-1E OS=Mus musculus GN=Cacna1e PE=1 SV=1
WNK2	Q3UH66-2	5	5	21069	23586.5	19573.75	24136.75	27211.5	30345	29369.25	20046.25	34823.75	15727	0.468854247	0.328962146	23115.5	26062.25	Up	0.173101070552069	Isoform 2 of Serine/threonine-protein kinase WNK2 OS=Mus musculus GN=Wnk2
RPL23	P62830	9	9	216797.22	161276	149274	158725.44	199833.56	174272.22	177055.44	166729.67	201207.78	235771.33	0.469350423	0.328502787	177181.24	191007.29	Up	0.108401794635182	60S ribosomal protein L23 OS=Mus musculus GN=Rpl23 PE=1 SV=1
BBC3	Q99ML1	1	1	NA	3442	NA	2669	1840	3238	1964	NA	5913	NA	0.469632831	0.32824155	2650.3333	3705	Up	0.483299723193265	Bcl-2-binding component 3 OS=Mus musculus GN=Bbc3 PE=1 SV=1
NLN	Q91YP2	1	1	28601	31424	57162	22434	27178	35284	32550	71544	34478	30427	0.469673556	0.328203891	33359.8	40856.6	Up	0.292458511524904	Neurolysin, mitochondrial OS=Mus musculus GN=Nln PE=2 SV=1
CTSZ	Q9WUU7	2	2	3001.5	6630	4948.5	9151.5	5667	6472	4218	2737.5	15647.5	NA	0.470437124	0.327498414	4859.7	7268.75	Up	0.508040030752597	Cathepsin Z OS=Mus musculus GN=Ctsz PE=2 SV=1
TCEA1	P10711	6	6	7610.2	5919	3521.8	8477.4	6814.8	8160	6348.8	4881.4	11968.4	NA	0.470520921	0.327421061	6468.64	7839.65	Up	0.277326822368696	Transcription elongation factor A protein 1 OS=Mus musculus GN=Tcea1 PE=1 SV=2
ALPL	P09242	1	1	2812	9340	4054	9034	7959	7466	6494	NA	9802	NA	0.47066758	0.327285715	6639.8	7920.6667	Up	0.254482077922767	Alkaline phosphatase, tissue-nonspecific isozyme OS=Mus musculus GN=Alpl PE=1 SV=2
CPPED1	Q8BFS6-3	1	1	831	NA	NA	1916	737	707	3964	NA	1472	NA	0.470989985	0.326988328	1161.3333	2047.6667	Up	0.818198759365057	Isoform 3 of Calcineurin-like phosphoesterase domain-containing protein 1 OS=Mus musculus GN=Cpped1
LIN7B	Q88951	12	12	43993.75	45693.75	28480.33	42934.67	44874.33	49520.58	44477.17	18695	46054.17	17124.92	0.471200141	0.326794589	41195.366	35174.368	Down	-0.22795755822176 1	Protein lin-7 homolog B OS=Mus musculus GN=Lin7b PE=1 SV=2
DCTN1	O08788	31	31	29251.45	40690.83	29541.48	61803.59	47806.93	57743.21	64055.24	35665.62	51363.59	32831.41	0.472258409	0.3258203	41818.856	48331.814	Up	0.208819547335904	Dynactin subunit 1 OS=Mus musculus GN=Dctn1 PE=1 SV=3
CFL1	P18760	52	52	132304.47	124617.02	148073.84	144690.06	108215.04	112529	127938.31	160432.49	142604.78	158226.49	0.472884244	0.325245156	131580.09	140346.21	Up	0.093048985239905	Cofilin-1 OS=Mus musculus GN=Cfl1 PE=1 SV=3
ACTN3	O88990	1	1	64008	111777	55251	166852	137132	149333	178639	85678	87729	138914	0.472933465	0.325199954	107004	128058.6	Up	0.259139414762628	Alpha-actinin-3 OS=Mus musculus GN=Actn3 PE=2 SV=1
ACTN2	Q9JI91	2	2	64008	111777	55251	166852	137132	149333	178639	85678	87729	138914	0.472933465	0.325199954	107004	128058.6	Up	0.259139414762628	Alpha-actinin-2 OS=Mus musculus GN=Actn2 PE=1 SV=2
SEPT7	O55131	53	53	55198.65	58915.76	61004.18	63093.43	60578.49	59580.12	62350.86	51838.65	65506.59	42847.29	0.473307855	0.324856288	59758.102	56424.702	Down	-0.08280743242048 7	Septin-7 OS=Mus musculus GN=Sept7 PE=1 SV=1
TFAM	P40630	5	5	17781.4	17804.6	9053.6	25989	19688	21961.4	20078.6	9342	18454.2	3907.4	0.4743563	0.323895327	18063.32	14748.72	Down	-0.29247332903102	Transcription factor A, mitochondrial OS=Mus musculus GN=Tfam PE=1 SV=2
EIF3B	Q8JZQ9	1	1	16926	23739	NA	35619	20918	28732	35807	NA	21684	NA	0.474825763	0.323465725	24300.5	28741	Up	0.242124260470453	Eukaryotic translation initiation factor 3 subunit B OS=Mus musculus GN=Eif3b PE=1 SV=1
ATAD3A	Q925I1	9	9	42823.33	47896.56	37808.78	48959.89	49726.89	56417.44	47600.56	30711.78	43267.89	26383.11	0.475393884	0.32294641	45443.09	40876.156	Down	-0.15280140519029	ATPase family AAA domain-containing protein 3 OS=Mus musculus GN=Atad3 PE=1 SV=1
PRRC2A	Q7TSC1	3	3	15121.67	16634	16512.33	16711	20790	18176.33	14243.67	14359.33	22623.33	3752.67	0.476484645	0.32195109	17153.8	14631.066	Down	-0.22949331904919 5	Protein PRRC2A OS=Mus musculus GN=Prrc2a PE=1 SV=1
POLDIP2	Q91VA6	1	1	12532	15082	NA	21762	13848	16527	14067	9392	15368	NA	0.476717936	0.321738508	15806	13838.5	Down	-0.19178474023719	Polymerase delta-interacting protein 2 OS=Mus musculus GN=Poldip2 PE=2 SV=1
STMN2	P55821	4	4	101443.5	91065.25	106355	104620.75	85163.25	90994.5	91292.75	73441.25	103801.75	103307.75	0.476923512	0.321551266	97729.55	92567.6	Down	-0.07828753102139	Stathmin-2 OS=Mus musculus GN=Stmn2 PE=1 SV=1
SYT2	P46097	3	3	62454.33	92075	110979.33	290619.33	61909.33	141178.33	131199.33	189076.33	95111.67	251154.33	0.478423977	0.320187063	123607.46	161544	Up	0.386161287174194	Synaptotagmin-2 OS=Mus musculus GN=Syt2 PE=1 SV=1
SRA1	Q80VJ2	2	2	27814.5	29701.5	18915	24871	25799	26586	28134	NA	25991	NA	0.478917399	0.319739385	25420.2	26903.667	Up	0.081827428098365 8	Steroid receptor RNA activator 1 OS=Mus musculus GN=Sra1 PE=1 SV=3
ERO1L	Q8R180	1	1	NA	NA	NA	3369	1857	2380	1148	NA	NA	NA	0.478969088	0.319692514	2613	1764	Down	-0.56685656376 25	ERO1-like protein alpha OS=Mus musculus GN=Ero1l PE=1 SV=2
LIN7C	Q88952	14	14	59132.5	62982.29	64702.57	41545.43	52912.71	56152	55838.21	42692	71017.14	18873.21	0.479117407	0.319558051	56255.1	48914.512	Down	-0.20172134604724	Protein lin-7 homolog C OS=Mus musculus GN=Lin7c PE=1 SV=2
GJA1	P23242	3	3	15305	16487	36124.33	16143	23933.67	19766.33	31426.33	22572	35745.67	17952	0.479545448	0.319170228	21598.6	25492.466	Up	0.239133313709379	Gap junction alpha-1 protein OS=Mus musculus GN=Gja1 PE=1 SV=2
DNAJC3	Q91YW3	3	3	2289	2137.5	NA	8339.5	3807	5468.5	4785	NA	5703	NA	0.480011903	0.318747993	4143.25	5318.8333	Up	0.360346956666694	Dnaj homolog subfamily C member 3 OS=Mus musculus GN=Dnajc3 PE=1 SV=1
HNRNPAB	Q99020	2	2	24566	18385.5	36680	16658	16688	20032.5	16815	30084	31882	32811	0.480570307

9430020K01RIK	Q5DTX6	4	4	7722.75	12254.75	6537.25	7907	10675.75	11222.75	12372	4563.75	11454.75	12152	0.482934429	0.316111832	9019.5	10353.05	Up	0.198936482744312	Junctional protein associated with coronary artery disease OS=Mus musculus GN=Jcad PE=1 SV=2
VARS	Q9Z1Q9	3	3	3286	25508.5	NA	45699	18309	33033.5	41091.5	NA	19949	NA	0.482978048	0.316072608	23200.625	31358	Up	0.434669877370484	Valine--tRNA ligase OS=Mus musculus GN=Vars PE=2 SV=1
PRKAR2B	P31324	26	26	31626.92	32942.58	27862.42	35136.67	31399.29	35097.79	33672.54	26602	32949.33	17585.5	0.483271226	0.315809062	31793.576	29181.432	Down	-0.123684612165267	cAMP-dependent protein kinase type II-beta regulatory subunit OS=Mus musculus GN=Prkar2b PE=1 SV=3
ATAD3A	Q9Z5I1-2	8	8	46917	52449.5	41258.38	50856.25	54588.62	60777.88	51563.25	33435.88	47185.88	29681	0.483675606	0.315445815	49213.95	44528.778	Down	-0.144329293938603	Isoform 2 of ATPase family AAA domain-containing protein 3 OS=Mus musculus GN=Atad3
NDUFS1	Q91VD9	41	41	93183.92	98177.2	80398.85	79417	87098.22	102102.08	86472.95	68500.95	85597.13	68497.13	0.483739169	0.315388746	87655.282	82234.048	Down	-0.092105180836712 8	NADH ubiquinone oxidoreductase 75 kDa subunit, mitochondrial OS=Mus musculus GN=Ndufs1 PE=1 SV=2
RPL31	P62900	9	9	102020.44	116825.44	95491.89	117184.67	98533.22	105407.22	113872.44	79162.22	128295.89	44948	0.484464964	0.314737625	106011.13	94337.154	Down	-0.168317784182444	60S ribosomal protein L31 OS=Mus musculus GN=Rpl31 PE=1 SV=1
RPS17	P63276	6	6	292105	350990.67	362326.5	258195.83	318531.67	247215.5	300216.33	401409	359580	407433.67	0.484563632	0.314649184	316429.93	343170.9	Up	0.117041137257642	40S ribosomal protein S17 OS=Mus musculus GN=Rps17 PE=1 SV=2
NDUFS8	Q8K3J1	36	36	48957.39	49101.75	42008.11	49472.39	51020.25	51227.22	46745.14	40090.31	48284.22	45335.5	0.484655919	0.314566479	48111.978	46336.478	Down	-0.054247723097838	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial OS=Mus musculus GN=Ndufs8 PE=1 SV=1
PEX5L	Q8C437	6	6	12840.83	15128.67	10845	17362.67	17183.67	17074.17	14645.5	18701.17	19275.5	10928.5	0.484798587	0.314438655	14672.168	16124.968	Up	0.1362142341504	PEX5-related protein OS=Mus musculus GN=Pex5l PE=1 SV=2
BCKDHA	P50136	3	3	11415	14540.67	6510.33	12404	12255	14134	11297	3128	13011.67	6423.33	0.485372844	0.313924526	11425	9598.8	Down	-0.251268202489019	2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial OS=Mus musculus GN=Bckdha PE=1 SV=1
NCL	P09405	12	12	20620.75	20775.92	16767.58	22360.25	20776.75	21738.75	21683.33	16518.25	21509.58	11562.42	0.486092484	0.313281094	20260.25	18602.466	Down	-0.121358094193723	Nucleolin OS=Mus musculus GN=Ncl PE=1 SV=2
SLIRP	Q91D87-2	5	5	82908.6	87369.8	74513	93965.6	85507.8	93521.6	79554	91483.6	105504.2	76644.2	0.486162513	0.313218531	84852.96	89341.52	Up	0.074365812510694	Isoform 2 of SRA stem-loop-interacting RNA-binding protein, mitochondrial OS=Mus musculus GN=Slirp
MUT	P16332	5	5	7608.2	10064.4	9977.2	13014	11647	14732.8	14317.4	13213.2	12543.4	4957	0.486295794	0.313099487	10462.16	11952.76	Up	0.192163049225573	Methylmalonyl-CoA mutase, mitochondrial OS=Mus musculus GN=Mut PE=1 SV=2
GRIN1	P35438-2	3	3	17989.67	18758.33	48586.33	17750.67	35232.67	26305	32209.67	60358.67	33847.33	19545.33	0.486627003	0.312803796	27663.534	34453.2	Up	0.316652514420383	Isoform 2 of Glutamate receptor ionotropic, NMDA 1 OS=Mus musculus GN=Grin1
EIF5	P59325	10	10	24354.6	33382.2	32891.3	55420.8	36159	39666.2	37666.4	25375.2	35301.5	21145.8	0.486860071	0.312595842	36441.58	31831.02	Down	-0.195152123778129	Eukaryotic translation initiation factor 5 OS=Mus musculus GN=Eif5 PE=1 SV=1
PVALB	P32848	4	4	88804.5	76745.75	124131.25	66363	82330.25	77388.5	64525.5	103856.25	63680.5	83986.25	0.487092012	0.312388993	87674.95	78687.4	Down	-0.156032063344522	Parvalbumin alpha OS=Mus musculus GN=Pvalb PE=1 SV=3
MCT52	Q9CQ21	1	1	33931	28182	20201	106064	43681	49628	31759	NA	18072	NA	0.487541703	0.31198823	46411.8	33153	Down	-0.485352225914152	Malignant T-cell-amplified sequence 2 OS=Mus musculus GN=Mcts2 PE=2 SV=1
PNN	O35691	1	1	92511	44879	48075	30441	63976	53092	47024	9074	66817	NA	0.487580577	0.311953603	55976.4	44001.75	Down	-0.3472578035860 7	Pinin OS=Mus musculus GN=Pnn PE=1 SV=4
MYL6B	Q8CI43	4	4	27971	34640.5	45815	19023.75	30288.5	25289.75	31621	43224.5	37876.5	39492.25	0.487641747	0.311899121	31547.75	35500.8	Up	0.170314420483716	Myosin light chain 6B OS=Mus musculus GN=Myl6b PE=2 SV=1
FMR1	P35922-11	4	4	22320.25	22891.75	20963.5	24199.75	22435	23339	22253	19976.75	27696.25	3885.75	0.487900332	0.311668886	22562.05	19430.15	Down	-0.215601119224065	Isoform ISO11 of Fragile X mental retardation protein 1 homolog OS=Mus musculus GN=Fmr1
FMR1	P35922-3	5	5	22320.25	22891.75	20963.5	24199.75	22435	23339	22253	19976.75	27696.25	3885.75	0.487900332	0.311668886	22562.05	19430.15	Down	-0.215601119224065	Isoform ISO3 of Fragile X mental retardation protein 1 homolog OS=Mus musculus GN=Fmr1
SEMA4A	Q62178	2	2	NA	6193	NA	9943.5	6214.5	7568.5	10391.5	NA	NA	NA	0.488556804	0.311084934	7450.3333	8980	Up	0.269410470721968	Semaphorin-4A OS=Mus musculus GN=Sema4a PE=1 SV=2
HNRNPA3	Q8BG05	26	26	129054.77	71885.12	80328.15	61751.81	84704.88	73789.85	76763.31	84177.88	70809.19	77704.77	0.489301925	0.310423076	85544.946	76649	Down	-0.158415652823825	Heterogeneous nuclear ribonucleoprotein A3 OS=Mus musculus GN=Hnrnpa3 PE=1 SV=1
MAPT	P10637-3	47	47	125329.89	116889.87	115222.72	113980.67	115867.04	107409.15	117104.67	131319.22	158282.09	109363.52	0.489722871	0.310049613	117458.04	124695.73	Up	0.086266618691239	Isoform Tau-B of Microtubule-associated protein tau OS=Mus musculus GN=Mapt
FCHO2	Q3UQN2-3	1	1	8420	8366	6279	6589	9702	8890	9913	NA	7136	NA	0.490199397	0.309627227	7871.2	8646.3333	Up	0.135504858189927	Isoform 3 of FCH domain only protein 2 OS=Mus musculus GN=Fcho2
PSMD1	Q3TXS7	2	2	604	1526	884	7353	3510	5478	5048	NA	1659	NA	0.49021358	0.309614662	2775.4	4061.6667	Up	0.549376132709169	26S proteasome non-ATPase regulatory subunit 1 OS=Mus musculus GN=Psmd1 PE=1 SV=1
LDHD	Q7TNG8	2	2	32106	36202.5	44769.5	22149.5	31837	23563.5	33734.5	39260.5	68466	NA	0.490403018	0.309446866	33412.9	41256.125	Up	0.304203118124419	Probable D-lactate dehydrogenase, mitochondrial OS=Mus musculus GN=Ldhd PE=1 SV=1
KRT31	O61765	1	1	25223.5	19817.5	18883	45959	21558	30421	21920	31157	40610	NA	0.490462601	0.308503281	26486.2	31077	Up	0.230606367005143	Keratin, type I cuticular Ha1 OS=Mus musculus GN=Krt31 PE=2 SV=1
PPM1H	Q3UYC0	4	4	36019	31843.5	52420	45761.25	38853.5	33632.5	39854.75	10472	42625	50186.25	0.491194391	0.308746601	40979.45	35354.1	Down	-0.213023088078349	Protein phosphatase 1H OS=Mus musculus GN=Ppm1h PE=1 SV=1
MRPS33	Q9D2R8	1	1	37201	64007	27664	49123	52511	47014	38254	76269	27831	89736	0.491295443	0.308657264	46101.2	55820.8	Up	0.275998496595016	28S ribosomal protein S33, mitochondrial OS=Mus musculus GN=Mrps33 PE=2 SV=1
ACYP2	P56375	3	3	42601	45081.67	35520	75141	45201	50594.67	45361.67	48460	47805.33	18632.67	0.491478013	0.308495906	48708.934	42170.868	Down	-0.207939693182529	Acylphosphatase-2 OS=Mus musculus GN=Acyp2 PE=2 SV=2
COX5A	P12787	35	35	435637.36	419585.64	486172.88	200925.94	347049.24	284301.42	303524.76	508986.15	433518.94	674983.36	0.491649886	0.308344057	377874.21	441062.93	Up	0.223078432972082	Cytochrome c oxidase subunit 5A, mitochondrial OS=Mus musculus GN=Cox5a PE=1 SV=2
RPL21	O09167	5	5	283129.8	320137	312330	221912.8	282532.4	239093	301118.2	429887.4	281938.2	300583.8	0.491685588	0.308312522	284008.4	310524.12	Up	0.128771733955887	60S ribosomal protein L21 OS=Mus musculus GN=Rpl21 PE=2 SV=3
DIP2B	Q3UH60-2	1	1	407	1258	NA	3843	1487	2635	3209	2945	874	NA	0.491705736	0.308294726	1748.75	2415.75	Up	0.466147104051855	Isoform 2 of Disco-interacting protein 2 homolog B OS=Mus musculus GN=Dip2b
UBC	P0CG50	9	9	78331.89	128548	64160.22	63739.44	107032.89	83981.11	140445.33	105119.44	180339.22	34066	0.492046678	0.307939696	88363.688	108791.62	Up	0.300418947165125	Polyubiquitin-C OS=Mus musculus GN=Ubc PE=1 SV=2
TAB3	Q571K4	1	1	6192	7872	6550	8079	7539	8203	6319	NA	9756	NA	0.492067327	0.307975471	7246.4	8092.6667	Up	0.159350728222263	TGF-beta-activated kinase 1 and MAP3K7-binding protein 3 OS=Mus musculus GN=Tab3 PE=1 SV=2
CACNA1B	O55017	7	7	23487.71	42687.86	38383.86	47189.86	41878.57	52741.43	59245.57	28152.71	49233.43	30960	0.49250418	0.307590079	38725.572	44066.628	Up	0.186399956460318	Voltage-dependent N-type calcium channel subunit alpha-1B OS=Mus musculus GN=Cacna1b PE=1 SV=1
RBM4B	Q8VE92	1	1	4719	NA	NA	4754	5356	4979	2431	NA	5194	NA	0.493810135	0.306440001	4943	4201.3333	Down	-0.23453965284339	RNA-binding protein 4B OS=Mus musculus GN=Rbm4b PE=1 SV=1
CDH11	P55288	3	3	4029.33	5098	1303	12585.67	5638.33	9400.33	6520.67	NA	5978.67	NA	0.493965221	0.306303628	5730.866	7299.89	Up	0.349121561260226	Cadherin-11 OS=Mus musculus GN=Cdh11 PE=1 SV=1
IMPA1	O55023	4	4	68449.25	81267	89099.25	90091.25	81347.25	94461.25	79792.25	67488.25	81863.75	61609.25	0.494103926	0.306181695	82050.8	77042.95	Down	-0.090854454568629	Inositol monophosphatase 1 OS=Mus musculus GN=Impa1 PE=1 SV=1
FXYD6	Q9D164	1	1	3216	4214	3426	9472	4199	8444	6023	3411	6217	NA	0.494107435	0.306178611	4905.4	6023.75	Up	0.296291113345941	FXYD domain-containing ion transport regulator 6 OS=Mus musculus GN=Fxyd6 PE=1 SV=2
RANBP9	P69566	2	2	11700.5	19244.5	10170	18511.5	12077	15303.5	10371.5	14436	12415.5	41432	0.4942456	0.306057189	14340.7	18791.7	Up	0.389980139983756	Ran-binding protein 9 OS=Mus musculus GN=Ranbp9 PE=1 SV=1
HNRNPM	Q9D0E1	19	19	126117.5	82616.25	111116.21	39655.58	86933.11	58989.74	70002	74441.32	85349	98557.26	0.495355639	0.30508223	89287.738	74677.622	Down	-0.204868607400264	Heterogeneous nuclear ribonucleoprotein M OS=Mus musculus GN=Hnrnpm PE=1 SV=3
PCSK2	P21661	4	4	32085	36814.25	28457	30063.75	30467.5	30305.75	35964	24712	37488.75	10941.25	0.495669855	0.304807493	31577.5	27882.35	Down	-0.179544796549321	Neuroendocrine convertase 2 OS=Mus musculus GN=Pcsk2 PE=1 SV=1
PPRC1	Q6NZN1-3	1	1	23353	35915	11521	45178	40289	51351	54308	27452	16832	39746	0.496138933	0.304396691	31251.2	37937.8	Up	0.279724431584169	Isoform 3 of Peroxisome proliferator-activated receptor gamma coactivator-related protein 1 OS=Mus musculus GN=Pprc1
PDAP1	Q3UHX2	6	6	14288.5	16104.17	12595.67	31192.5	16072	20569.83	17660.5	8317	22268.5	3972.33	0.496443788	0.304129919	18050.568	14557.632	Down	-0.310268534995809	28 kDa heat- and acid-stable phosphoprotein OS=Mus musculus GN=Pdap1 PE=1 SV=1
NMRAL1	Q8K2T1	1	1	65334	66931	204620	36490	94901	98127	73795	255370	108789	89254	0.497277333	0.303401336	93655.2	125067	Up	0.41727016797368	NmrA-like family domain-containing protein 1 OS=Mus musculus GN=Nmral1 PE=1 SV=1
ERH	P84089	4	4	62434.25	43108.25	16740.75	40666.75	50498.25	42835.75	43392.5	27089	32901.5	NA	0.497713487	0.30302059	42689.65	36554.688	Down	-0.223829915924872	Enhancer of rudimentary homolog OS=Mus musculus GN=Erh PE=1 SV=1
PPP1R14B	Q62084	2	2	5957	7604	NA	5923	9702	7192	7282	NA	10607	NA	0.497773267	0.302968431	7296.5	8360.3333	Up	0.196355869866496	Protein phosphatase 1 regulatory subunit 14B OS=Mus musculus GN=Ppp1r14b PE=1 SV=2
EEF1G	Q9DBN0	4	4	22123.5	33677.5	41164	57071.25	30111.5	43613.5	38855.25	48249.5	35000.75	41466.75	0.498051082	0.302726112	36829.55	41437.15	Up	0.170061009665578	Elongation factor 1-gamma OS=Mus musculus GN=Eef1g PE=1 SV=3
ADH5	P28474	4	4	95444.5	109542.75	216891.25	116044.75	131058	128984	151684.25	186088.5	160663.75	128410.5	0.498526316	0.302311912	133796.25	151166.2	Up	0.176097915146742	Alcohol dehydrogenase class-3 OS=Mus musculus GN=Adh5 PE=1 SV=3
CCDC25	Q78PG9	1	1	2529	2615	1858	2802	2176	2599	2482	4798	1756	NA	0.498544092	0.302296426	2396	2908.75	Up	0.279771397503925	Coiled-coil domain-containing protein 25 OS=Mus musculus GN=Ccdc25 PE=1 SV=1
ADD2	Q9QYB8	20	20	35576.9	39241.5	28946.7	58035.75	37972.85	46117.95	42873.1	23579.4	38109.4	25486.8	0.498706337	0.302155113	39954.74	35233.33	Down	-0.18142583193115	Beta-adducin OS=Mus musculus GN=Add2 PE=1 SV=4
HNRNPA2B1	O88569	35	35	116897.21	70111.09	78805.79	43509.42	82638.48	68684.73	66873.88	83876.64	69207.94	57658.27	0.498827778	0.30204937	78392.398	69260.292	Down	-0.178685287742446	Heterogeneous nuclear ribonucleoproteins A2/B1 OS=Mus musculus GN=Hnrnpa2b1 PE=1 SV=2
MAP2K4	P47809	3	3	21905.33	29240.67	26771.67	58861.67	46712	62850.33	64828.67	16016.33	41879.33	NA	0.498940322	0.301951397	36698.268	46393.665	Up	0.338215844812256	Dual specificity mitogen-activated protein kinase kinase 4 OS=Mus musculus GN=Map2k4 PE=1 SV=2
RAPGEF4	Q9EQZ6	1	1	5671	9931	NA	15408	8423	13843	13507	NA	8212	NA	0.499759762	0.301238714	9858.25	11854	Up	0.265970490050151	Rap guanine nucleotide exchange factor 4 OS=Mus musculus GN=Rapgef4 PE=1 SV=1
MTDH	Q80WJ7	8	8	8106.38	25595.5	4244.12	45564.12	25805.62	42375.62	39170.25	11299.38	23911.12	NA	0.500707925	0.300415535	21863.148	29189.093	Up	0.416928212901997	Protein LYRIC OS=Mus musculus GN=Mtdh PE=1 SV=1
OXR1	Q4KMM3-2	15	15	26997.75	31264	20104.25	38379.67	35236.08	35560.08	32354.92	12724.33	30175.33	22861.75	0.501341659	0.299831557	30396.35	26735.282	Down	-0.181513200788702	Isoform 2 of Oxidation resistance protein 1 OS=Mus musculus GN=Oxr1
GIGYF1	Q99MR1	1	1	46306	43312	NA	47346	42101	38702	43743	61865	50244	NA	0.501394846	0.299820134	44766.25	48638.5	Up	0.119687266133417	PERQ amino acid-rich with GYF domain-containing protein 1 OS=Mus musculus GN=Gigyf1 PE=1 SV=2
ACAP2	Q6ZQK5	1	1	9621	11986	3278	21828	22305	21257	21659	NA	13835	11245	0.502099846	0.299209912	13803.6	16999	Up	0.300405306302471	Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 2 OS=Mus musculus GN=Acap2 PE=1 SV=2
H2-EA-PS	P04224	1	1	7953	10974	NA	3877	9828	8235	3018	NA	NA	NA	0.502214465	0.299110783	8158	5626.5	Down	-0.535977743409897	H-2 class II histocompatibility antigen, E-K alpha chain OS=Mus musculus PE=1 SV=1
GLRX5	Q80V14	5	5	25237.6	37223.4	25916.4	52381.4	34704.4	45693.4	40379.8	8092	33958.6	16664	0.502242467	0.299086569	35092.64	28957.56	Down	-0.277228440711972	Glutaredoxin-related protein 5, mitochondrial OS=Mus musculus GN=Glrx5 PE=1 SV=2
DNAJA3	Q99MB7-2	8	8	35245.62	48990.75	16157.88	57509.12	40456.25	45184	45735.12	18492.88	40260.75	14560.75	0.502749294	0.298648531	39671.924	32846.7	Down	-0.272369931679103	Isoform 2 of DnaJ homolog subfamily A member 3, mitochondrial OS=Mus musculus GN=Dnaja3
KAZN	Q69ZS8	6	6	11470	13297.83	4069.67	15218.5	12253.5	12234.67	11330.17	7352.5	12714.5	3636.5	0.502756271	0.298642504	11261.9	9453.668	Down	-0.252504140448659	Kazrin OS=Mus musculus GN=Kazn PE=2 SV=2
PPA1	Q9D819	8	8	59725.12	70790.1	73181.75	90770.62	52143.25	64323.88	70203.25	68094	60678.62	56357.25	0.503171818	0.298283691	68862.248	63931.4	Down	-0.109282116505149	Inorganic pyrophosphatase OS=Mus musculus GN=Ppa1 PE=1 SV=1
HIST1H1E	P43274	18	18	245611.11	137847.28	160800.83	772744.44	170726.61	110946.72	101468.61	170210.56	113733.17	182787.28	0.503290728	0.298173865	158446.85	135829.27	Down	-0.222046351555585	Histone H1.4 OS=Mus musculus GN=Hist1h1e PE=1 SV=2
SORCS2	Q9EPR5	3	3	18730.5	29281	29506	12095	22129	18457.5	24116	27199	31834.5	NA	0.503517987	0.297985011	22348.3	25401.75	Up	0.184762799812081	VPS10 domain-containing receptor SorCS2 OS=Mus musculus GN=Sorcs2 PE=1 SV=2
SFN	O70456	4	4	740799.25	1005789	606064.5	2555605	1079251.5	1615794	1283879	513034.25	922005.75	105821.25	0.504355038	0.297263637	1197501.9	888106.85	Down	-0.431222718957767	14-3-3 protein sigma OS=Mus musculus GN=Sfn PE=1 SV=2
SYNJ1	Q8CHC4	10	10	26843.5	23347.6	27650.4	28062.8	29027.3	27294.6	30675.1	28284.4	24902.1	10011.8	0.504392564	0.297231325	26986.32	24233.6	Down	-0.155219517613061	Synaptojanin-1 OS=Mus musculus GN=Synj1 PE=1 SV=3
VIM	P20152	19	19	17719.53	23633.32	10909.95	32056.26	21361.11	22641	21210.21	7926.84	30131.84	1919.05	0.504800994	0.296879799	21136.034	16765.788	Down	-0.334184400380324	Vimentin OS=Mus musculus GN=Vim PE=1 SV=3
HNRNPA3	Q8BG05-2	24	24	134544.33	74950.21	86131.25	65362.62	88251.71	76438.25	80594.58	90930.92	72563.71	84180.17	0.505104136	0.296619076	89848.024	80941.526	Down	-0.150606726774051	Isoform 2 of Heterogeneous nuclear ribonucleoprotein A3 OS=Mus musculus GN=Hnrnpa3
DCX	Q8BB09	12	12	23963.5	28765.83	26149.17	34561.17	29117	26384.33	30010.83	34302.92	38521.83	19838.08	0.505182278	0.296551893	27079.334	29811.598	Up	0.138681453486459	Neuronal migration protein doublecortin OS=Mus musculus GN=Dcx PE=1 SV=3
TSFM	Q9CZB8	13	13	22384.75	24783.83	55348.92	13086.33	24019.75	22010.17	21772.75	49367.67	28595.25	51917.92	0.505338165	0.296417901	27924.716	34732.75	Up	0.314754116846026	Elongation factor Ts, mitochondrial OS=Mus musculus GN=Tsfm PE=1 SV=1
CACNA2D1	O08532-3	24	24	25183.65	36634.35	16878.3	76583.3	31975.61	54347.7	55712.43	47306.91	35340.57	34707.74	0.505381066	0.296381033	37451.042	45483.07	Up	0.280323776697458	Isoform 2C of Voltage-dependent calcium channel subunit alpha-2/delta-1 OS=Mus musculus GN=Cacna2d1
SF1	Q64213-3	7	7	27569.43	26280.29	12082.43	22625.43	28038	28838.43	26732	7265.14	28096.71	3301.71	0.505420874	0.296346826	23319.116	18846.798	Down	-0.307193662859908	Isoform 3 of Splicing factor 1 OS=Mus musculus GN=Sf1
MRPL55	Q9CZ83	4	4	47768.75	40979.5	62283.5	18560.5	37185.75	31541.75	33082.25	78040	66527.75	39124.75	0.505509915	0.296270322	41355.6	49663.3	Up	0.264097428824088	39S ribosomal protein L55, mitochondrial OS=Mus musculus GN=Mrpl55 PE=2 SV=1
TOM1L2	Q5SRX1-5	2	2	33307.5	50222	30854	62441.5	42747	54764	50665.5	9996.5	44680.5	23099.5	0.505713943	0.296095072	43914.4	36641.2	Down	-0.261227339928793	Isoform 5 of TOM1-like protein 2 OS=Mus musculus GN=Tom1l2
PCP4L1	Q6W8Q3	2	2	63396.5	63801	69437	58128	50885	52662.5	45965.5	121568.5	73547.5	61805.5	0.505761833	0.296053948	61129.5	71109.9	Up	0.218181660615209	Purkinje cell protein 4-like protein 1 OS=Mus musculus GN=Pcp4l1 PE=1 SV=1
SLC25A3	Q8VEM8	6	6	14684.83	17913.83	27187.67	24646.5	15428.83	16864.17	19361.5	28655.83	23755.17	22463.33	0.505953933	0.295889023	19972.332	22220	Up	0.153856022832775	Phosphate carrier protein, mitochondrial OS=Mus musculus GN=Slc25a3 PE=1 SV=1
DNAJA3	Q99MB7	17	17	20573.4	28151.73	9062.73	33128.8	23629.67	26597.4	26207.2	11141.27	23080.07	7765.73	0.505964782	0.295879711	22909.266	18958.334	Down	-0.272309046035547	DnaJ homolog subfamily A member 3, mitochondrial OS=Mus musculus GN=Dnaja3 PE=1 SV=1
HCN1	O88704	3	3	21187.67	25533	4070	61964	34987.33	44480	49684.67	NA	21748.33	NA	0.506426341	0.295483714	29548.4	38637.667	Up	0.386927959457101	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 1 OS=Mus musculus GN=Hcn1 PE=1 SV=1
PTP4A1	Q63739	1	1	30978	38582	NA	100926	62918	73532	68150	NA	69000	NA	0.506491151	0.295428138	58351	70227.333	Up	0.267275273739301	Protein tyrosine phosphatase type IVA 1 OS=Mus musculus GN=Ptp4a1 PE=1 SV=1
RBP1	Q00915	2	2	15050.5	21497.5	NA	23086.5	11364	21631.5	11197	NA	10564	NA	0.506638055	0.295302192	17749.625	14464.167	Down	-0.295305338077757	Retinol-binding protein 1 OS=Mus musculus GN=Rbp1 PE=2 SV=2
GCC2	Q8CHG3	4	4	8290.75	2682.25	NA	12444	9146	12052.5	8045.5	NA	9378.25	NA	0.50748013	0.294580958	8140.75	9825.4167	Up	0.271356874254335	GRIP and coiled-coil domain-containing protein 2 OS=Mus musculus GN=Gcc2 PE=1 SV=2
SERBP1	Q9CY58-3	7	7	46121.4	50951.8	41391.8	90393.8	40568.6	59598.6	54021.2	34191.2	66707.2	4145.6	0.507937125	0.294190044	53885.48	43732.76	Down	-0.30118217562388	Isoform 3 of Plasminogen activator inhibitor 1 RNA-binding protein OS=Mus musculus GN=Serbp1
SNRPN	P63163	1	1	129351	86355	149727	59369	89910	69701	79096	190044	103777	175795	0.508009972	0.294127763	102942.4	123682.6	Up	0.264805229326793	Small nuclear ribonucleoprotein-associated protein N OS=Mus musculus GN=Snrpn PE=2 SV=1
EIF4G3	Q80XI3	2	2	7679	10639.5	11059	28553	8438	30721	25884	5863	10709.5	NA	0.508743233	0.293501355	13273.7	18294.375	Up	0.462829555756455	Eukaryotic translation initiation factor 4 gamma 3 OS=Mus musculus GN=Eif4g3 PE=1 SV=2
MAPT	P10637-4	51	51	119426.18	111005.29	109884.63	107417.08	110180.73	101768.02	111177.39	124163.24	150242.47	103481.76	0.508970158	0.29330768	111582.78	118166.58	Up	0.082707593341708	Isoform Tau-C of Microtubule-associated protein tau OS=Mus musculus GN=Mapt
OPALIN	Q7M750	2	2	7241	11367	2738	13782.5	10039.5	16847.5	8995	NA	8448	NA	0.509502023	0.292854087	9033.6	11430.167	Up	0.339473501059234	Opalin OS=Mus musculus GN=Opalin PE=1 SV=1
RANBP1	P34022	9	9	111218.75	95887.5	62007.12	126537.75	104991.38	101577.12	101722.38	21037.88	142439.62	49915.38	0.51005664	0.292381594	100128.5	83338.476	Down	-0.264798050024359	Ran-specific GTPase-activating protein OS=Mus musculus GN=Ranbp1 PE=1 SV=2
H2-KE6	P50171	4	4	13239.33	17211	15035	12057.67	17624	16294.67	15163.33	12561.67	15507.67	22444.33	0.510807683	0.291742579	15033.4	16394.334	Up	0.125025964673354	Estradiol 17-beta-dehydrogenase 8 OS=Mus musculus GN=Hsd17b8 PE=1 SV=2
CADPS2	Q8BYR5-3	2	2	30447.5	34923.5	37184.5	48486	47191.5	38605	61055.5	27746	54260.5	40513	0.510839719	0.291715343	39646.6	44436	Up	0.164531806273117	Isoform 3 of Calcium-dependent secret

MAT2B	Q99LB6	1	1	104696	101518	136943	61817	89761	73544	97846	106814	138968	136619	0.513800258	0.289205682	98947	110758.2	Up	0.162685641278905	Methionine adenosyltransferase 2 subunit beta OS=Mus musculus GN=Mat2b PE=2 SV=1
PRPH	P15331-3	1	1	49205	66288	38901	67926	50544	61480	59511	45960	72709	NA	0.514374213	0.288720812	54572.8	59915	Up	0.134735166827768	Isoform Sb of Peripherin OS=Mus musculus GN=Prph
PRPF19	Q99KP6	1	1	8733	10304	NA	24453	19318	27201	19332	NA	12548	NA	0.514408665	0.288691724	15702	19693.667	Up	0.326783414302484	Pre-mRNA-processing factor 19 OS=Mus musculus GN=Prpf19 PE=1 SV=1
SIRT2	Q8VDQ8	4	4	14557.75	14719	4665.25	17862	18453.5	20592	16911.25	10953.25	16468.75	NA	0.514650477	0.28848762	14051.5	16231.313	Up	0.208055515253522	NAD-dependent protein deacetylase sirtuin-2 OS=Mus musculus GN=Sirt2 PE=1 SV=2
ANKFY1	Q8U0B6	1	1	2879	2927	NA	3776	1968	3361	3449	NA	2708	NA	0.514719767	0.288429153	2872.5	3172.6667	Up	0.143389060290586	Ankyrin repeat and FYVE domain-containing protein 1 OS=Mus musculus GN=Ankfy1 PE=2 SV=2
MPP2	Q9WV34	7	7	57695.57	66997.57	26864.71	67061.43	60389.29	65550.29	61144.43	16367.71	55764.71	40450.43	0.514913644	0.2882656	55801.714	47855.514	Down	-0.221624272160593	MAGUK p55 subfamily member 2 OS=Mus musculus GN=Mpp2 PE=1 SV=1
DNAJC19	Q9CQV7	1	1	335906	307190	319271	257471	254571	294936	329509	278204	312843	107244	0.515022603	0.28817371	294881.8	264547.2	Down	-0.15661163435681	Mitochondrial import inner membrane translocase subunit TIM14 OS=Mus musculus GN=Dnajc19 PE=2 SV=3
FAM81A	Q3UXZ6	1	1	24220	29053	14171	42498	25431	28013	24670	19153	22691	NA	0.515503069	0.287768745	27074.6	23631.75	Down	-0.196213554579474	Protein FAM81A OS=Mus musculus GN=Fam81a PE=2 SV=2
GRN	P28798	1	1	9714	7252	24974	4608	5857	5219	8234	12673	24272	19410	0.515693739	0.287608141	10481	13961.6	Up	0.413687911891196	Granulins OS=Mus musculus GN=Grn PE=1 SV=2
FBXO2	Q80UW2	2	2	66115.5	70745	89520	54591.5	64083	48115	71019.5	121678.5	63331	89000.5	0.515782463	0.287533428	69011	78628.9	Up	0.188233333139592	F-box only protein 2 OS=Mus musculus GN=Fbxo2 PE=1 SV=1
EPRS	Q8CGC7	6	6	4912.33	11594.67	9371.67	26790.17	12146.5	21089.5	20024.83	18311	12454.5	8105.5	0.516123402	0.287246449	12963.068	15997.066	Up	0.303400121964281	Bifunctional glutamate/proline--tRNA ligase OS=Mus musculus GN=Eprs PE=1 SV=4
HSPE1	Q64433	28	28	152935.71	135012.5	146340.61	156416.71	130349.07	132847.07	127853.14	172555.11	140455.36	106523.54	0.517938383	0.285721903	144210.92	136046.84	Down	-0.084076923584396	10 kDa heat shock protein, mitochondrial OS=Mus musculus GN=Hspe1 PE=1 SV=2
EPS15L1	Q60902-3	7	7	17715.57	22029.14	23295	20872.43	20092.57	19791.57	18898.29	20512.14	20569.29	20752.29	0.518163719	0.285532998	20800.942	20104.716	Down	-0.049114907609801	Isoform 3 of Epidermal growth factor receptor substrate 15-like 1 OS=Mus musculus GN=Eps15l1
UBB	P0CG49	7	7	76027.86	121571.14	58365.43	67378.57	103083.71	86209.14	136091.71	93737.29	174830.71	29199.43	0.518376358	0.285354814	85285.342	104013.66	Up	0.286403241061411	Polyubiquitin-B OS=Mus musculus GN=Ubb PE=2 SV=1
VPS51	Q3UVL4	2	2	8495	13190	3715.5	21905	14570.5	20021	16494	NA	9576.5	NA	0.518804191	0.284996524	12375.2	15363.833	Up	0.312086377441905	Vacuolar protein sorting-associated protein 51 homolog OS=Mus musculus GN=Vps51 PE=2 SV=2
NGEF	Q8CHT1	3	3	NA	3928	NA	16284	4772.5	6793	3451	NA	NA	NA	0.519331272	0.284555525	8328.1667	5122	Down	-0.701291687792184	Ephexin-1 OS=Mus musculus GN=Ngef PE=1 SV=1
RAC1	P63001	7	7	36394.57	52266.86	53484.57	152707.43	43815	81994.86	77508.86	117233.14	51928.43	91943.57	0.51980997	0.284155395	67733.686	84121.772	Up	0.312605732403102	Ras-related C3 botulinum toxin substrate 1 OS=Mus musculus GN=Rac1 PE=1 SV=1
MCEE	Q9D1J5	1	1	50009	52340	77698	6806	35499	21848	44201	26979	50423	202394	0.519831373	0.284137513	44470.4	69169	Up	0.637280217610384	Methylmalonyl-CoA epimerase, mitochondrial OS=Mus musculus GN=Mcee PE=1 SV=1
AK3	Q9WTP7	18	18	58501.61	59084.06	75691.28	36717.67	56439.61	51764.67	52394.61	71793.72	56920.17	82841.83	0.51984566	0.284125577	57286.846	63143	Up	0.140418895908296	GTP:AMP phosphotransferase AK3, mitochondrial OS=Mus musculus GN=Ak3 PE=1 SV=3
ATP8A1	P70704	1	1	1419	2209	NA	3375	5792	3437	4935	4724	NA	2526	NA	0.520327914	0.283722875	3214.25	4061.667	Up	0.337589700989344	Probable phospholipid-transporting ATPase IA OS=Mus musculus GN=Atp8a1 PE=1 SV=1
TMEM87A	Q8BXN9	1	1	3462	20445	7210	54258	15574	31131	33460	NA	17209	NA	0.520861424	0.283277806	20189.8	27266.667	Up	0.433511723031425	Transmembrane protein 87A OS=Mus musculus GN=Tmem87a PE=1 SV=1
QDPR	Q88VI4	10	10	122488.3	116361.2	169223.9	68176.5	108104.8	100359.2	110242.3	154991.3	127224.6	158730.2	0.521019502	0.28314602	116870.94	130309.52	Up	0.157062386419	Dihydropteridine reductase OS=Mus musculus GN=Qdpr PE=1 SV=2
CYCT	P00015	1	1	42391	36729	41923	28225	43850	29962	38398	40656	49214	50890	0.522427089	0.281974312	38623.6	41824	Up	0.114848406035766	Cytochrome c, testis-specific OS=Mus musculus GN=Cyct PE=1 SV=3
KCNB2	A6H8H5	4	4	4376.5	7439	4882	7820	8918.5	10292.5	12823	301.5	10233	7733.5	0.522519528	0.281897474	6687.2	8276.7	Up	0.307653400039806	Potassium voltage-gated channel subfamily B member 2 OS=Mus musculus GN=Kcnb2 PE=2 SV=2
CDC42	P60766	4	4	17427	24956.25	15309	58232	18964.5	30706	30157.5	12857	19083.75	11638.5	0.522521922	0.281895484	26977.75	20888.55	Down	-0.369057679827871	Cell division control protein 42 homolog OS=Mus musculus GN=Cdc42 PE=1 SV=2
HPCAL1	P62748	1	1	61294	69876	41292	86467	100967	97389	79748	60258	85155	NA	0.522642445	0.281795323	71979.2	80637.5	Up	0.163870843961117	Hippocalcin-like protein 1 OS=Mus musculus GN=Hpcal1 PE=2 SV=2
PRKCQ	Q02111	1	1	1854	5482	4619	9183	5691	9403	5501	9425	2634	NA	0.523848595	0.280794216	5365.8	6740.75	Up	0.329115837837792	Protein kinase C theta type OS=Mus musculus GN=Prkcq PE=1 SV=1
ADGRL1	Q80TR1	16	16	16302.83	27091.69	17755.12	36224.38	29180.94	34973.06	37271.69	16253.81	32027.12	23933.12	0.524067103	0.280633101	25315.188	28891.76	Up	0.190654892988627	Latrophilin-1 OS=Mus musculus GN=Lphn1 PE=1 SV=2
PCBP2	Q61990-3	15	15	58891.93	56260.64	49383.79	78229.86	62570.57	67515.5	74149.14	37907.64	63325.21	28149.86	0.524252703	0.280459322	61067.358	54209.47	Down	-0.1718565282799	Isoform 3 of Poly(rC)-binding protein 2 OS=Mus musculus GN=Pcbp2
BLOC1S1	O55102	1	1	7917	10951	17440	2193	7081	5063	5058	27705	7846	16900	0.524261338	0.280452169	9116.4	12514.4	Up	0.457052990815688	Biogenesis of lysosome-related organelles complex 1 subunit 1 OS=Mus musculus GN=Bloc1s1 PE=1 SV=2
GMFB	Q9CQI3	16	16	103164.67	96164.4	127847.13	78234.33	94617.93	83147	100128.6	124076.27	112943.67	115579	0.524592463	0.280177953	100005.69	107174.91	Up	0.099885062867071	Glia maturation factor beta OS=Mus musculus GN=Gmfb PE=1 SV=3
GOPC	Q8BH60	4	4	12810.75	18095.25	10622	19679.75	14744.5	20585.75	15331.25	740.5	11515.25	NA	0.524996495	0.279843596	15190.45	12043.188	Down	-0.334947324415254	Golgi-associated PDZ and coiled-coil motif-containing protein OS=Mus musculus GN=Gopc PE=1 SV=1
FDXR	Q61578	1	1	21660	19849	7545	23698	23891	19799	14215	NA	16989	NA	0.52506139	0.279789916	19328.6	17001	Down	-0.185117536448304	NADPH:adrenodoxin oxidoreductase, mitochondrial OS=Mus musculus GN=Fdxr PE=2 SV=1
OTUD7A	Q8R554	2	2	5362.5	6347.5	6358	8524	6973	8102.5	6932.5	5124.5	9700	NA	0.525119115	0.279742173	6713	7464.875	Up	0.153160460090846	OTU domain-containing protein 7A OS=Mus musculus GN=Otud7a PE=2 SV=1
HNRNPA2B1	O88569-2	34	34	115025.63	69241.05	78853.78	43078.47	81595.12	67920.66	66828.28	85219.12	69274.84	56096.44	0.525122223	0.279196519	77557.698	69067.868	Down	-0.162752292309547	Isoform 2 of Heterogeneous nuclear ribonucleoproteins A2/B1 OS=Mus musculus GN=Hnrnpa2b1
GATB	Q99JT1	3	3	7423.67	8782	2426.67	12583	8864	13739.33	10364	5084	10150.67	7970.33	0.525496428	0.279430232	8015.868	9461.666	Up	0.239235482743812	Glutamyl-tRNA(Gln) amidotransferase subunit B, mitochondrial OS=Mus musculus GN=Pet112 PE=1 SV=1
YWHAE	P62259	22	22	202437.83	270062.28	180771.5	634099	287507.5	417252	345301.94	152253.61	254496.89	58163.78	0.526036577	0.279584057	314975.62	245493.64	Down	-0.359554500783308	14-3-3 protein epsilon OS=Mus musculus GN=Ywhae PE=1 SV=1
BCAN	Q61361	14	14	42303.92	39575.31	50073.38	26758.77	38034.77	36175	35652.08	48739.31	41106.85	51533.62	0.52646013	0.278634513	39349.23	42641.372	Up	0.115918453196291	Brevican core protein OS=Mus musculus GN=Bcan PE=1 SV=2
EPB41	P48193	2	2	63355	82770	73667.5	331183	76441	145845.5	97389.5	36473.5	69483	NA	0.526479524	0.278618515	125483.3	87297.875	Down	-0.52347693385653	Protein 4.1 OS=Mus musculus GN=Epb41 PE=1 SV=2
GLYR1	Q922P9	2	2	9896	8502	10929	3600.5	8440	7446.5	6521.5	11326.5	3529	6675	0.526491673	0.278608493	8273.5	7099.7	Down	-0.220739708113249	Putative oxidoreductase GLYR1 OS=Mus musculus GN=Glyr1 PE=1 SV=1
S100A13	P97352	3	3	73640	74213.33	57273.67	31308.33	66745	62193	69897.33	45658.33	61591.33	27545.33	0.526822154	0.27833597	60636.066	53377.064	Down	-0.183956203374033	Protein S100-A13 OS=Mus musculus GN=S100a13 PE=1 SV=1
SRP19	Q9D7A6	1	1	3779	6980	NA	9411	5138	5753	7367	NA	8997	NA	0.526872973	0.278294079	6327	7372.3333	Up	0.220559706732131	Signal recognition particle 19 kDa protein OS=Mus musculus GN=Srp19 PE=2 SV=1
USP8	Q80U87	1	1	21372	23034	24244	23274.67	31646	24137	24251	19642	34779	NA	0.527026441	0.278167595	24886.6	27522.25	Up	0.145229274949118	Ubiquitin carboxyl-terminal hydrolase 8 OS=Mus musculus GN=Usp8 PE=1 SV=2
SH3GL3	Q62421	2	2	68226	76634	75692	103266.5	68220.5	98865.5	79306	69213.5	91636	80417	0.527212272	0.278014489	78407.8	83887.6	Up	0.097460391165830 3	Endophilin-A3 OS=Mus musculus GN=Sh3gl3 PE=2 SV=1
STXBP6	Q8R3T5	1	1	40730	50370	73265	50648	69166	53018	45165	32879	81933	35410	0.527236814	0.277994273	56835.8	49681	Down	-0.194105734538741	Syntaxin-binding protein 6 OS=Mus musculus GN=Stxbp6 PE=2 SV=1
EPHB6	O08644	3	3	322.33	890.33	NA	4228.33	1608	3845.67	3495.67	NA	662.67	NA	0.528915255	0.276613907	1762.2475	2668.0033	Up	0.598343910254341	Ephrin type-B receptor 6 OS=Mus musculus GN=Ephb6 PE=2 SV=4
SMC1A	Q9CU62	1	1	2236	1222	NA	4027	3868	4167	2846	NA	NA	NA	0.528956294	0.276580211	2838.25	3506.5	Up	0.305030056908725	Structural maintenance of chromosomes protein 1A OS=Mus musculus GN=Smc1a PE=1 SV=4
TPM2	P58774	14	14	26907.25	27827.58	16592.92	27402.75	26851.67	35369.17	33052.25	22726.42	42409.17	11547.58	0.529249967	0.27633916	25116.434	29020.918	Up	0.208461509244112	Tropomyosin beta chain OS=Mus musculus GN=Tpm2 PE=1 SV=1
SCRN1	Q9CZC8	13	13	114438.77	115429.77	135866.31	81792.08	106386.23	112319.69	129696.23	93762.23	134703.54	120653	0.530142214	0.275607612	110782.63	118226.94	Up	0.093827071028195	Secernin-1 OS=Mus musculus GN=Scrn1 PE=1 SV=1
HNRNPLL	Q921F4-4	1	1	3623	3070	NA	2275.25	703	2097	2529	NA	896	NA	0.530192625	0.275566317	2382.75	1840.6667	Down	-0.372399203567736	Isoform 2 of Heterogeneous nuclear ribonucleoprotein L-like OS=Mus musculus GN=Hnrnpll
GUK1	Q64520	6	6	82776	90420.33	79892.83	49013.83	84787.5	70217.67	86744.83	89993.83	98563.67	71411.67	0.530345591	0.275441037	77378.098	83386.334	Up	0.107885696066614	Guanylate kinase OS=Mus musculus GN=Guk1 PE=1 SV=2
PREB	Q9WUQ2	1	1	NA	13609	14491	33165	134	23192	23551	29982	7063	NA	0.530529147	0.275290751	15349.75	20947	Up	0.448528479213969	Prolactin regulatory element-binding protein OS=Mus musculus GN=Preb PE=1 SV=1
PGRMC1	O55022	11	11	47431.45	61173.91	62656.45	59967.55	74474.45	75044.91	101098.55	35623.09	80081.09	54162.18	0.531595077	0.27441905	61140.762	69201.964	Up	0.178678450425894	Membrane-associated progesterone receptor component 1 OS=Mus musculus GN=Pgrmc1 PE=1 SV=4
CDH2	P15116	9	9	19786	30569.89	17697.11	48086.56	31682.56	40798.56	42928.44	39954.11	33744.89	14795.33	0.531648619	0.27437531	29564.424	34444.266	Up	0.220401665306013	Cadherin-2 OS=Mus musculus GN=Cdh2 PE=1 SV=2
COPS7A	Q9CZ04	2	2	NA	614	NA	3459	591	1040	633	NA	NA	NA	0.532061543	0.27403813	1554.6667	836.5	Down	-0.894167842440988	COP9 signalosome complex subunit 7a OS=Mus musculus GN=Cops7a PE=1 SV=2
UQCRH	P99028	4	4	37205.33	32299.33	17093	25135	30109	34771	32619.67	21119.67	25197	9677.67	0.532675323	0.273537422	28368.332	24677.002	Down	-0.201114192945828	Cytochrome b-c1 complex subunit 6, mitochondrial OS=Mus musculus GN=Uqcrh PE=1 SV=2
ALDH5A1	Q8BWF0	44	44	84352.84	96826.21	101226.98	77830.05	88046.86	87507.09	89950.12	114627.72	85196.44	93131.81	0.532821832	0.273417989	89656.588	94082.636	Up	0.069518885292351	Succinate-semialdehyde dehydrogenase, mitochondrial OS=Mus musculus GN=Aldh5a1 PE=1 SV=1
AKAP1	O08715-3	1	1	1363	914	NA	4497	2399	4759	2155	NA	NA	NA	0.532854081	0.27391704	2293.25	3457	Up	0.592126963185824	Isoform 2 of A-kinase anchor protein 1, mitochondrial OS=Mus musculus GN=Akap1
HNRNPA2B1	O88569-3	32	32	122433.9	73274.5	83861.43	45427.63	86561.23	71676.2	70966.13	90900.4	73625.6	59836.2	0.532992018	0.273279295	82311.738	73400.906	Down	-0.165300309086389	Isoform 3 of Heterogeneous nuclear ribonucleoproteins A2/B1 OS=Mus musculus GN=Hnrnpa2b1
DMTN	Q9WV69-2	18	18	60663.76	53987.35	43727.71	61576.47	65276.24	59624.94	58966.94	52706.71	62201.94	27163.88	0.533356048	0.272982776	57046.306	52132.882	Down	-0.129939851740015	Isoform 2 of Dematin OS=Mus musculus GN=Dmtn
PTPRS	B0V2N1-5	1	1	4633	10053	2347	26719	13891	18535	16983	NA	9297	NA	0.533720763	0.272685902	11528.6	14938.333	Up	0.373801869033994	Isoform 5 of Receptor-type tyrosine-protein phosphatase S OS=Mus musculus GN=Ptprs
CDC42BPG	Q80UW5	1	1	13553	21795	18647	35050	22920	39293	35187	8870	26709	NA	0.533798616	0.272622556	22393	27514.75	Up	0.297157400724392	Serine/threonine-protein kinase MRCK gamma OS=Mus musculus GN=Cdc42bpg PE=2 SV=2
LAMTOR5	Q9D1L9	1	1	119308	79030	22848	128270	76563	105674	101892	64403	129185	NA	0.534096896	0.272379946	85203.8	100288.5	Up	0.235166503095569	Ragulator complex protein LAMTOR5 OS=Mus musculus GN=Lamtor5 PE=2 SV=1
NUP62	Q63850	1	1	32579	38379	34835	26161	42502	41095	35497	38828	32799	NA	0.534754151	0.271845836	34891.2	37054.75	Up	0.086795275124854	Nuclear pore glycoprotein p62 OS=Mus musculus GN=Nup62 PE=1 SV=2
MRPS9	Q9D7N3	3	3	12056.67	14651	6687.33	12938	12207	14035.67	12962.67	14580.33	13386.33	8988.67	0.534880434	0.271743289	11708	12790.734	Up	0.127604405211359	28S ribosomal protein S9, mitochondrial OS=Mus musculus GN=Mrps9 PE=2 SV=3
MICAL3	Q8CJ19	11	11	21302.09	24767.91	15581.45	25172.18	33120	29597.27	39450	18821.09	34389.36	15726.55	0.535033303	0.271619185	24098.326	27596.854	Up	0.195570087765928	Protein-methionine sulfoxide oxidase MICAL3 OS=Mus musculus GN=Mical3 PE=2 SV=2
CHID1	Q922Q9	2	2	43854	69665	16109.5	117025	85569.5	107580	119403	44785	59378.5	NA	0.535855634	0.270952199	66444.6	82786.625	Up	0.317245749453304	Chitinase domain-containing protein 1 OS=Mus musculus GN=Chid1 PE=2 SV=1
KRT1	P04104	1	1	31304	15458	49390	52821	37921	33040	35067	NA	32083	94059	0.535913401	0.270905383	37378.8	48562.25	Up	0.377615012607629	Keratin, type II cytoskeletal 1 OS=Mus musculus GN=Krt1 PE=1 SV=4
ARHGDIB	Q61599	2	2	26024	34413	6909.5	31427.5	30793.5	28672	39813	14142	42262.5	NA	0.536214279	0.270661625	25913.5	31222.375	Up	0.268876397423638	Rho GDP-dissociation inhibitor 2 OS=Mus musculus GN=Arhgdib PE=1 SV=3
KCND3	Q92OV1	1	1	4511	1818	9729	9390	14382	8583	12023	NA	25547	NA	0.536547356	0.270391941	11386	15384.333	Up	0.434200922253034	Potassium voltage-gated channel subfamily D member 3 OS=Mus musculus GN=Kcnd3 PE=1 SV=1
RAB3A	P63011	8	8	39317.38	68320.62	47684.5	130772.25	57120	84614.25	92281	37022.62	44343.25	13920.5	0.536704767	0.270264548	68642.95	54436.324	Down	-0.334541908257367	Ras-related protein Rab-3A OS=Mus musculus GN=Rab3a PE=1 SV=1
PLCH2	A2AP18-3	3	3	16524.5	18294.5	17059.5	37229.5	22121	29609.5	28143.5	24567	18583	NA	0.53803192	0.269191958	22245.8	25225.75	Up	0.181364182070702	Isoform 3 of 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-2 OS=Mus musculus GN=Plch2
KHDRBS3	Q9R226	2	2	16008.3	92877.5	93197	57597.5	119526	79798	97060.5	NA	101053.5	NA	0.538074807	0.269157269	104656.2	92637.333	Down	-0.175992152190288	KH domain-containing, RNA-binding, signal transduction-associated protein 3 OS=Mus musculus GN=Khdrbs3 PE=1 SV=1
MTX1	P47802	1	1	1168	5195	NA	6907	3885	6321	7899	NA	2623	NA	0.538238264	0.269025431	4288.75	5614.3333	Up	0.388557501077976	Metaxin-1 OS=Mus musculus GN=Mtx1 PE=1 SV=1
FBXO41	Q6NS60	10	10	6831.9	14683.6	3907.9	29211.8	21193.6	27242	29669.7	8261.6	13583.6	NA	0.538257247	0.269010114	15165.76	19689.225	Up	0.376588528142279	F-box only protein 41 OS=Mus musculus GN=Fbxo41 PE=1 SV=3
RPS26	P62855	5	5	52801	62477.4	62034.8	34096.2	68876.8	49734.8	57568.4	68219.4	69621	58152	0.53846917	0.268839158	56057.24	60659.12	Up	0.113823854037465	40S ribosomal protein S26 OS=Mus musculus GN=Rps26 PE=2 SV=3
CNBP	P53996	2	2	32098	20346.5	16704	22668	20654.5	19651.5	32625	11677.5	49546.5	NA	0.538649428	0.268693797	22494.2	28375.125	Up	0.335073689094991	Cellular nucleic acid-binding protein OS=Mus musculus GN=Cnbp PE=1 SV=2
ATP5C1	Q91VR2	16	16	130283.31	140659.44	158641.12	118479.88	113177.5	110188.31	116463.88	157470.88	122428.75	236736	0.538761885	0.268603136	132248.25	148657.56	Up	0.168744240648402	ATP synthase subunit gamma, mitochondrial OS=Mus musculus GN=Atp5c1 PE=1 SV=1
CPNE4	Q8BLR2	2	2	12003	25019.5	14828.5	45599	21033.5	30515	35511.5	NA	19783	NA	0.539119039	0.268315331	23696.7	28603.167	Up	0.271488713573527	Copine-4 OS=Mus musculus GN=Cpne4 PE=1 SV=1
KRT87	Q6IMF0	1	1	NA	4118	NA	77246	NA	NA	14412	2691	NA	NA	0.539241848	0.268216412	40682	8551.5	Down	-2.250141199106685	Keratin, type II cuticular Hb3 OS=Mus musculus GN=Krt83 PE=2 SV=2
ZC2HC1A	Q8BJH1-2	7	7	78183.71	80572.29	98167.71	41198.57	63236.14	54551.86	75051.43	75716.43	98319	98154	0.539408357	0.26808233	72271.684	80358.544	Up	0.153020913535799	Isoform 2 of Zinc finger C2HC domain-containing protein 1A OS=Mus musculus GN=Zc2hc1a
STAU2	Q8CJ67-4	1	1	23249	10551	NA	34363	23272	35811	29519	NA	17599	NA	0.539632	0.267902305	22858.75	27643	Up	0.274167681097 11	Isoform 4 of Double-stranded RNA-binding protein Staufen homolog 2 OS=Mus musculus GN=Stau2
ARHGEF10L	A2AWP8-3	1	1	14636	27672	10561	55834	33455	51241	45006	10078	38773	NA	0.539866235	0.267713834	28431.6	36274.5	Up	0.351460439069585	Isoform 3 of Rho guanine nucleotide exchange factor 10-like protein OS=Mus musculus GN=Arhgef10l
RPL35A	O55142	7	7	120066.71	128994.14	145980.57	88242.71	109511.43	105929.14	112496	117813.43	118906.57	204770.14	0.540962612	0.26683275	118559.11	131983.06	Up	0.154746181010008	60S ribosomal protein L35a OS=Mus musculus GN=Rpl35a PE=1 SV=2
CHMP5	Q9D7S9	3	3	28878.5	34048.5	31757.5	34197.5	38870.5	33914.5	31022	33849.5	44115	NA	0.541192407	0.266648305	33550.5	35725.25	Up	0.090609840185055	Charged multivesicular body protein 5 OS=Mus musculus GN=Chmp5 PE=2 SV=1
OXSM	Q9D404	2	2	10178.5	11305.5	5242.5	7334	10041.5	10456	10747	5206	14801.5	NA	0.541371224	0.266504833	8820.4	10302.625	Up	0.224095979994023	3-oxoacyl-[acyl-carrier-protein] synthase, mitochondrial OS=Mus musculus GN=Oxsm PE=1 SV=1
NRCAM	Q81OU4-5	8	8	11400.88	13564.75	9147.38	20819	13143.62	18367	16654.5	3136.62	14014.75	3733.62	0.542117241	0.265906781	13615.126	11181.298	Down	-0.284122658128367	Isoform 5 of Neuronal cell adhesion molecule OS=Mus musculus GN=Nrcam
PTMA	P26350	2	2	16477	16353.5	28034	9524.5	14994	10777	12425	2263.3	20372.5	3705.8	0.542200679	0.265839943	17076.6	20649.1	Up	0.274058143691541	Prothymosin alpha OS=Mus musculus GN=Ptma PE=1 SV=2
ENO3	P21550	16	16	74587.69	71670.19	87069.69	70125.12	76998	81517	74072.31	76955.44	81787.06	76906.25	0.542544342	0.265564762	76090.138	78247.612	Up	0.040337244871419	Beta-enolase OS=Mus musculus GN=Eno3 PE=1 SV=3
DMTN	Q9WV69	20	20	52827.5	47254.45	38244.6	53357.9	56847.7	52103.8	51501.3	45748.9	54766.45	23089.3	0.542791403	0.265367039	49706.43	45441.95	Down	-0.12940774526582	Dematin OS=Mus musculus GN=Dmtn PE=1 SV=1
UBXN6	Q99PL6-2	7	7	50819.33	57265.17	35278.17	52907.17	66536.33	60309.5	66168.5	1821.17	66424	21819	0.543342408	0.264926397	52561.234	43308.434	Down	-0.279351140161442	Isoform 2 of UBX domain-containing protein 6 OS=Mus musculus GN=Ubxn6
ERLEC1	Q8VEH8	2	2	46505.5	43250.5	67341.5	36262.5	41423	46597	47083	47947.5	63371	NA	0.543457491	0.264834421	46956.6	51249.625	Up	0.126213497678099	Endoplasmic reticulum lectin 1 OS=Mus musculus GN=Erlec1 PE=2 SV=1
YWHAQ	P68254	24	24	154350.88	208592.21	125478.71	463858.17	218249.25	314933.79	266918.71	114071.79	196861.79	25840.62	0.543569266	0.264745107	234105.84	183725.34	Down	-0.349610327600417	14-3-3 protein theta OS=Mus musculus GN=Ywhaq PE=1 SV=1
CACNA1A	P97445	4	4	5448.25	16470.25	8049.75	25169	21066.25	23951	25910.75	17008.5

PLXNA3	P70208	2	2	12483	19743.5	9604	19630.5	15359	20442.5	23645.5	12717.5	13234.5	NA	0.546276973	0.262587106	15364	17510	Up	0.188625214789855	Plexin-A3 OS=Mus musculus GN=Plxna3 PE=1 SV=2
STRN3	Q9ERG2	6	6	12458.17	13911	8431.17	20794.33	14151.83	18364.33	12039.33	4336	12087.5	NA	0.546485898	0.26242104	13949.3	11706.79	Down	-0.25284718363058	Striatin-3 OS=Mus musculus GN=Strn3 PE=1 SV=1
COX7C	P17665	1	1	544533	611257	960275	396369	449832	493670	374470	893059	384342	1665822	0.547196325	0.261856828	592453.2	762272.6	Up	0.363605824296447	Cytochrome c oxidase subunit 7C, mitochondrial OS=Mus musculus GN=Cox7c PE=1 SV=1
PSMD12	Q9DBW5	2	2	16715.5	19961	36018.5	13560	17162	17712.5	23951.5	19104	9761.5	69235	0.547430935	0.261670664	20683.4	27952.9	Up	0.434524604086018	26S proteasome non-ATPase regulatory subunit 12 OS=Mus musculus GN=Psmd12 PE=1 SV=4
RPS27A	P62983	8	8	74122.88	91507.75	58899.25	67975.25	86911.5	77661.12	110888.62	64799.12	146265.75	41948.75	0.547587697	0.261546318	75883.326	88312.67	Up	0.218837551176897	Ubiquitin-40S ribosomal protein S27a OS=Mus musculus GN=Rps27a PE=1 SV=2
GRCC10	O35127	5	5	34578.6	35917.2	34370.2	37779	39457.8	38205.8	35190.8	44943.4	43657.8	29666.6	0.547802842	0.261375719	36420.56	38332.88	Up	0.073829285339643	Protein C10 OS=Mus musculus GN=Grcc10 PE=2 SV=1
AP1B1	O35643	6	6	30942.33	42277.67	40710.83	78284.67	47790.33	55165.17	57431.83	65178.67	31327	62469.33	0.548504964	0.260819437	48001.166	54314.4	Up	0.178265289592855	AP-1 complex subunit beta-1 OS=Mus musculus GN=Ap1b1 PE=2 SV=2
ALDH2	P47738	5	5	20345.6	24130.8	10057.6	50294.2	25133.6	28786.4	27657	3974.2	21481.4	NA	0.549088889	0.260357344	25992.36	20474.75	Down	-0.344241794132753	Aldehyde dehydrogenase, mitochondrial OS=Mus musculus GN=Aldh2 PE=1 SV=1
CACNA2D1	O08532-5	27	27	24886.77	35324.92	19456.73	72819.69	31511.04	52223.73	54232.46	44186.73	35871.15	30703	0.549289521	0.260198686	36799.83	43443.414	Up	0.239438380121099	Isoform 2E of Voltage-dependent calcium channel subunit alpha-2/delta-1 OS=Mus musculus GN=Cacna2d1
PTDSS2	Q921X2	2	2	NA	NA	NA	3028	2662	4085	3123	NA	2402	NA	0.549617877	0.259939156	2845	3203.3333	Up	0.171145277746012	Phosphatidylserine synthase 2 OS=Mus musculus GN=Ptdss2 PE=2 SV=2
SH3PXD2B	A2AAY5	1	1	1319	NA	NA	2666	1753	2380	2036	NA	NA	NA	0.549947333	0.2596789	1912.6667	2208	Up	0.207154704730661	SH3 and PX domain-containing protein 2B OS=Mus musculus GN=Sh3pxd2b PE=1 SV=1
RIMS1	Q99NE5-2	4	4	67819.25	71024.75	54266	89053.75	93252.75	80719.75	90463.75	57314	101949.25	NA	0.55009845	0.259555579	75083.3	82611.688	Up	0.137853841847207	Isoform 2 of Regulating synaptic membrane exocytosis protein 1 OS=Mus musculus GN=Rims1
DHRS4	Q99LB2	3	3	43409.67	62595.33	55668.67	53556.67	37766.33	75065.33	56353.67	30180.33	58739.33	59380	0.550381142	0.259336455	50599.334	55943.732	Up	0.144858103083857	Dehydrogenase/reductase SDR family member 4 OS=Mus musculus GN=Dhrs4 PE=1 SV=3
PTGES2	Q8BWM0	1	1	3008	8663	NA	4897	3988	7338	2276	NA	12060	NA	0.550929118	0.258904273	5139	7224.6667	Up	0.491443373609945	Prostaglandin E synthase 2 OS=Mus musculus GN=Ptges2 PE=1 SV=3
PABPN1	Q8CCS6	1	1	34523	31455	18650	23554	28421	36619	17330	NA	11383	NA	0.55150935	0.258447121	27320.6	21777.333	Down	-0.32716862922249	Polyadenylate-binding protein 2 OS=Mus musculus GN=Pabpn1 PE=2 SV=3
RPL22	P67984	15	15	30500.92	37322	42787.08	25800.62	33952.23	29806.38	36303.54	33619.62	43450.46	38681	0.552418022	0.257732161	34072.57	36372.2	Up	0.094225420885213	60S ribosomal protein L22 OS=Mus musculus GN=Rpl22 PE=1 SV=2
HSPA1L	P16627	23	23	59620.48	59967.65	66311.43	82872.48	54991.3	64788.09	60723.13	61295.35	58112.91	62792.7	0.552639564	0.257558027	64752.668	61542.436	Down	-0.073358087097767	Heat shock 70 kDa protein 1-like OS=Mus musculus GN=Hspa1l PE=2 SV=4
FAM175B	Q3TC11	1	1	17523	22921	31804	25834	21085	21922	20061	NA	24383	NA	0.552698939	0.257511369	23833.4	22122	Down	-0.10750295409306	BRISC complex subunit Abro1 OS=Mus musculus GN=Fam175b PE=2 SV=1
NKIRAS2	Q9CR56	1	1	33801	33446	38758	17049	31255	24693	27362	46964	33170	38947	0.553630215	0.256780215	30861.8	34227.2	Up	0.149321066782823	NF-kappa-B inhibitor-interacting Ras-like protein 2 OS=Mus musculus GN=Nkiras2 PE=2 SV=1
TACC1	Q6Y685-2	6	6	14414.33	17653.5	6696.5	19548.17	17792.83	17120	17228.5	10561	16583.67	3856.17	0.553639397	0.256773013	15221.066	13069.868	Down	-0.219824830217025	Isoform 2 of Transforming acidic coiled-coil-containing protein 1 OS=Mus musculus GN=Tacc1
DIRAS2	Q5PR73	3	3	14113.67	18959	15691.33	27068.67	14274.67	21805	13865.33	25768.33	19307	NA	0.553705498	0.256721164	18021.468	20186.415	Up	0.163668182875508	GTP-binding protein Di-Ras2 OS=Mus musculus GN=Diras2 PE=2 SV=1
PNKP	Q9JLV6	1	1	5065	3592	NA	3486	3636	4662	5276	5826	2250	NA	0.554501016	0.256097654	3944.75	4503.5	Up	0.191112789640155	Bifunctional polynucleotide phosphatase/kinase OS=Mus musculus GN=Pnkp PE=1 SV=2
NEBL	Q9DC07	12	12	51257	37222.9	33527.6	69932.5	57216.8	52777.9	53632.5	37397.3	57513.3	16904.9	0.555059221	0.255660678	49831.36	43645.18	Down	-0.191231611512483	LIM zinc-binding domain-containing Nebulette OS=Mus musculus GN=Nebl PE=2 SV=1
PACS1	Q8K212	6	6	46412.83	49955.17	40419.33	92970.83	60244	77668.33	70290.17	25662.17	48178.83	23484	0.555132674	0.25560321	58000.432	49056.7	Down	-0.241613457426551	Phosphofurin acidic cluster sorting protein 1 OS=Mus musculus GN=Pacs1 PE=2 SV=2
ARMC6	Q8BNU0-2	1	1	26816	21351	12757	56586	34629	47739	43287	NA	21242	NA	0.555427731	0.255372441	30427.8	37422.667	Up	0.298522338442993	Isoform 2 of Armadillo repeat-containing protein 6 OS=Mus musculus GN=Armc6
CYTH1	Q9QX11	1	1	74461	136958	73733	24913	88407	94152	102728	59556	115923	NA	0.555613756	0.25522701	79694.4	93089.75	Up	0.224143971251082	Cytohesin-1 OS=Mus musculus GN=Cyth1 PE=1 SV=2
MINK1	Q9JM52	11	11	37832.27	48310	45985.18	38881.36	52372.91	51582.73	59965.55	14941.18	54048.36	6635.27	0.555663807	0.25518789	44676.344	37434.618	Down	-0.255138097962556	Misshapen-like kinase 1 OS=Mus musculus GN=Mink1 PE=1 SV=3
RPL3	P27659	20	20	168384.55	181912.2	176341.75	148911.75	174185.85	166082.3	194801.5	167513.45	251067.8	134814.3	0.555757508	0.255150013	169947.01	182833.23	Up	0.105443324798257	60S ribosomal protein L3 OS=Mus musculus GN=Rpl3 PE=1 SV=3
RIMS2	Q9EQZ7	4	4	55616.75	50213.25	48498.75	49579	74347.75	52240	71388.5	43069.75	81063.75	NA	0.55578339	0.255094437	55651.1	61940.5	Up	0.154472824704722	Regulating synaptic membrane exocytosis protein 2 OS=Mus musculus GN=Rims2 PE=1 SV=1
PKM	P52480	79	79	133625.19	138601.78	131879.19	162049.68	152974.9	162769.21	165338.94	141671.03	131762.37	144353.53	0.556233801	0.254742623	143826.15	149179.02	Up	0.052718630085624	Pyruvate kinase PKM OS=Mus musculus GN=Pkm PE=1 SV=4
SPECC1	Q5SXY1	10	10	27986.22	26723.67	27656.33	27597.67	30523.89	32782.67	29661.67	18083.78	36210.67	34163.33	0.556324443	0.254671869	28097.556	30180.424	Up	0.103168427741661	Cytospin-B OS=Mus musculus GN=Specc1 PE=1 SV=2
CHCHD6	Q91VN4	11	11	91827.27	104779.09	94181.55	62645.82	92790.91	97886.55	98539	37754.55	131190.82	5100	0.556601704	0.254455468	89244.928	74094.184	Down	-0.268409876630132	Coiled-coil-helix-coiled-coil-helix domain-containing protein 6, mitochondrial OS=Mus musculus GN=Chchd6 PE=2 SV=2
SLC6A7	Q8PGE7	3	3	847	6599.67	1742.67	9467.67	7866.67	10012.67	12103.33	1847	5787.33	4509	0.556980491	0.254160016	5304.736	6851.866	Up	0.369215982780976	Sodium-dependent proline transporter OS=Mus musculus GN=Slc6a7 PE=2 SV=1
NDUFB11	O09111	3	3	41820.33	90609.33	32054.67	189389.67	102052.33	143954	143402	77961	82222.33	NA	0.557507498	0.253749287	91185.266	111884.83	Up	0.295141839608961	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 11, mitochondrial OS=Mus musculus GN=Ndufb11 PE=1 SV=2
TUBA3A	P05214	66	66	212403.25	257995.25	259553.61	298739.67	253432.75	277254.03	279584.03	249207.7	263580.94	240673.82	0.558053323	0.253322745	251244.01	261563.12	Up	0.050869590128854	Tubulin alpha-3 chain OS=Mus musculus GN=Tuba3a PE=1 SV=1
TRIO	Q0KL02-2	6	6	334.6	1919.6	509.6	6367.8	3285.4	5456.8	5045	729.4	2509.4	2984.4	0.558205095	0.253206204	2483.4	3345	Up	0.429689556464739	Isoform 2 of Triple functional domain protein OS=Mus musculus GN=Trio
PSMD11	Q8BG32	1	1	34428	44001	51897	57593	54436	60813	51192	40215	53483	52931	0.558901461	0.252664755	48471	51726.8	Up	0.093790097264948	26S proteasome non-ATPase regulatory subunit 11 OS=Mus musculus GN=Psmd11 PE=1 SV=3
RPL13A	P19253	3	3	76968.33	91794	90784	95127.33	75799.33	83084	86140	81271.33	101706	48548.67	0.558983438	0.252601059	86094.598	80150	Down	-0.103220198274756	60S ribosomal protein L13a OS=Mus musculus GN=Rpl13a PE=1 SV=4
TPD52L1	O54818	1	1	5791	22536	NA	10267	13812	13078	19155	NA	NA	NA	0.559003386	0.252585561	13101.5	16116.5	Up	0.2988064732225 2	Tumor protein D53 OS=Mus musculus GN=Tpd52l1 PE=2 SV=1
AQP4	P55088-3	2	2	6165	7436	1164.5	30322.5	6511.5	24000.5	12373.5	NA	7706	NA	0.559636185	0.252094213	10319.9	14693.333	Up	0.509737273097588	Isoform 3 of Aquaporin-4 OS=Mus musculus GN=Aqp4
PSMC1	P62192	17	17	30293.47	34336.65	38204.41	28460.29	29038.82	28663.53	34029.06	31632.59	34982.06	21901.71	0.559650369	0.252083206	32066.728	30241.79	Down	-0.084533618033518	26S proteasome regulatory subunit 4 OS=Mus musculus GN=Psmc1 PE=1 SV=1
UBXN6	Q99PL6	8	8	45064.86	49771.29	30238.43	46393.14	58502.71	53247.71	57978.86	1561	59123.43	18702	0.559983946	0.251824423	45994.086	38122.6	Down	-0.270801852975058	UBX domain-containing protein 6 OS=Mus musculus GN=Ubxn6 PE=1 SV=1
CCT7	P80313	16	16	46782.23	53183.93	56647.8	54328.73	55388.93	51908.47	55124.27	49774.27	52433.8	51126.73	0.560033924	0.251785665	53266.304	50273.508	Down	-0.032673582753112 1	T-complex protein 1 subunit eta OS=Mus musculus GN=Cct7 PE=1 SV=1
STK24	Q99KH8	2	2	61794	61602	106590	63364	66054.5	74211	82679	96524	62994	74636	0.560125606	0.251714574	71880.9	78208.8	Up	0.1217224751833 3	Serine/threonine-protein kinase 24 OS=Mus musculus GN=Stk24 PE=1 SV=1
CMC2	Q8K199	1	1	29697	27767	33968	30974	35260	29061	26795	41145	38788	NA	0.560138207	0.251704803	31533.2	33947.25	Up	0.106423126673602	COX assembly mitochondrial protein 2 homolog OS=Mus musculus GN=Cmc2 PE=2 SV=1
ETFA	Q99LC5	28	28	80500.61	84553.82	71880.61	63527.39	85450.39	72101.64	84084.39	73775	78200.36	60346.04	0.560584613	0.251358827	77182.564	73701.486	Down	-0.0665812630844556	Electron transfer flavoprotein subunit alpha, mitochondrial OS=Mus musculus GN=Etfa PE=1 SV=2
OLA1	Q9CZ30	3	3	42570.33	46145.33	53452.67	87983.33	50011.67	62756	63543	60432	58310	NA	0.560747262	0.251232838	56032.666	61260.25	Up	0.128683117765423	Obg-like ATPase 1 OS=Mus musculus GN=Ola1 PE=1 SV=1
PUM1	Q80U78-4	5	5	14477.2	17835.8	6400.2	14700.4	16845.2	18024.4	22321.8	1020	18618.8	24479	0.56088435	0.251126677	14051.76	16892.8	Up	0.265657635164844	Isoform 4 of Pumilio homolog 1 OS=Mus musculus GN=Pum1
FAM98A	Q3TJZ6	2	2	27416.5	36128.5	51619.5	54327	41223	76522	54850	30451	71431	16487.5	0.561239089	0.250852089	42142.9	49948.3	Up	0.245145981999014	Protein FAM98A OS=Mus musculus GN=Fam98a PE=2 SV=1
DMX1	Q6PNC0	1	1	NA	NA	NA	6153	1810	6623	NA	NA	4878	NA	0.561677764	0.250512769	3981.5	5750.5	Up	0.530375344725712	DmX-like protein 1 OS=Mus musculus GN=Dmx1 PE=1 SV=1
PIN4	Q9CWW6	1	1	91878	130414	56630	118421	61003	99609	68609	146777	104992	NA	0.562142444	0.250153626	91669.2	104996.75	Up	0.195835684143818	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4 OS=Mus musculus GN=Pin4 PE=2 SV=1
BPHL	Q8R164	2	2	19998.5	23952	16197	24515.5	22632.5	26964.5	17542.5	24355	25701	19866.5	0.562193751	0.250113986	21459.1	22885.9	Up	0.092869457418196 6	Valacyclovir hydrolase OS=Mus musculus GN=Bphl PE=1 SV=1
EIF2S1	Q6ZWX6	6	6	14471.67	19706.67	12260	27637.83	15012.33	21061.5	18219.67	7625.83	14640.83	NA	0.562345809	0.249996537	17817.7	15386.958	Down	-0.211603126095351	Eukaryotic translation initiation factor 2 subunit 1 OS=Mus musculus GN=Eif2s1 PE=1 SV=3
PGK2	P09041	10	10	71550.7	71250.8	69547.3	74868	71519.1	75453.6	73864	62614.6	79845.5	49544.9	0.562346618	0.249995912	71747.18	68264.52	Down	-0.071786185440339 6	Phosphoglycerate kinase 2 OS=Mus musculus GN=Pgk2 PE=1 SV=4
GOT1	P05201	21	21	69481.86	76982.19	75553.62	80803.76	76496.95	74133	71149.48	108231.86	71962.86	76474.38	0.562708179	0.249716772	75863.676	80390.316	Up	0.083612441950159	Aspartate aminotransferase, cytoplasmic OS=Mus musculus GN=Got1 PE=1 SV=3
SPOCK2	Q9ERS8	1	1	108583	85126	177240	31901	83102	63722	58602	217619	96840	167136	0.562783995	0.249658262	97190.4	120783.8	Up	0.313541244417733	Testican-2 OS=Mus musculus GN=Spock2 PE=2 SV=1
RAB5B	P61021	4	4	24827.25	23589.75	40722.5	26322.5	20467.75	21788	25583	34912.75	26246.5	43137.25	0.563303571	0.249257496	27185.95	30333.5	Up	0.158050728160226	Ras-related protein Rab-5B OS=Mus musculus GN=Rab5b PE=1 SV=1
TIPRL	Q8BHS8	4	4	23008	31593.75	14176	32694.75	24195.25	31607.5	34771.75	15584.75	32014.5	NA	0.563377978	0.249200133	25133.55	28494.625	Up	0.181075346487791	TIP41-like protein OS=Mus musculus GN=Tiprl PE=2 SV=1
DLST	Q9D2G2	23	23	98240.91	91393.52	72642.87	103942	91945.35	113637.52	88880.17	71689.43	102894.52	36320.13	0.564442199	0.248396074	91632.93	82684.354	Down	-0.148251790509519	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial OS=Mus musculus GN=Dlst PE=1 SV=1
MFF	Q6PCP5-4	8	8	16864.29	20777.71	7931.43	48174	32969.71	43129.86	30777.86	2025	17274.57	1260.57	0.564736069	0.248154474	25343.428	18893.572	Down	-0.423716197329447	Isoform 4 of Mitochondrial fission factor OS=Mus musculus GN=Mff
CORO1C	Q9WUM4	8	8	16892.5	24783.38	17042.75	45969.88	27353.88	26882.5	34443.88	12850.75	30863.75	3169.5	0.564864272	0.248055894	26408.478	21642.076	Down	-0.287162261798921	Coronin-1C OS=Mus musculus GN=Coro1c PE=1 SV=2
FABP7	P51880	18	18	82512.94	93975.76	92155.06	77016.35	83667.71	94478.35	108606.59	99753.47	120304.12	46520.59	0.565664575	0.247441019	85865.564	93932.624	Up	0.129546650360402	Fatty acid-binding protein, brain OS=Mus musculus GN=Fabp7 PE=1 SV=2
TACC1	Q6Y685	5	5	16814	20912.8	7393.6	23312.2	20703.2	19974.6	20167.6	12673.2	19373.2	4627.4	0.567104817	0.246336663	17827.16	15363.2	Down	-0.214598142929 55	Transforming acidic coiled-coil-containing protein 1 OS=Mus musculus GN=Tacc1 PE=1 SV=1
HNRNPF	Q9Z2X1	6	6	22762.83	20384.67	11038.67	33240.33	20853.5	26643.17	20974	16800.83	19629.17	11186.17	0.567150356	0.246301791	21656	19046.668	Down	-0.185228156118687	Heterogeneous nuclear ribonucleoprotein F OS=Mus musculus GN=Hnrnpf PE=1 SV=3
SUB1	P11031	17	17	53856.82	41013.43	24461.06	45248.06	49980.35	44013.35	44510.47	39653.65	46656.47	12900.29	0.567847736	0.246275466	42311.94	37546.846	Down	-0.172373110744088	Activated RNA polymerase II transcriptional coactivator p15 OS=Mus musculus GN=Sub1 PE=1 SV=3
YWHAZ	P63101	67	67	963101.67	1110143	751100.35	2142838.33	1225535.23	1566691.97	147855.74	67234.17	1124164.02	31793.8	0.567957166	0.245688627	123392.61	103147.94	Down	-0.258540094058633	14-3-3 protein zeta/delta OS=Mus musculus GN=Ywhaz PE=1 SV=1
YWHAH	P68510	23	23	175833.13	234617.22	174071.57	441356.35	248026.7	325860.35	306046.13	116819.61	226907.65	95926.17	0.568360899	0.245375808	254780.99	214311.98	Down	-0.249545148189767	14-3-3 protein eta OS=Mus musculus GN=Ywhah PE=1 SV=2
RGS17	Q9QZB0	4	4	11366	24513	7688.75	49640.5	29189.25	37660	46713.75	12346.75	26376.5	NA	0.56850105	0.245268729	24479.5	30774.25	Up	0.330149606262856	Regulator of G-protein signaling 17 OS=Mus musculus GN=Rgs17 PE=1 SV=1
NCOA5	Q91W39	1	1	21061	17981	8420	23260	18499	16784	14905	29876	9763	33660	0.568521852	0.245252838	17844.2	20997.6	Up	0.234769215816606	Nuclear receptor coactivator 5 OS=Mus musculus GN=Ncoa5 PE=1 SV=1
MAP1A	Q9QYR6	111	111	42676.14	47462.2	39780.21	65870.5	50394.76	54600.49	53724.52	34970.08	53636.04	27547.09	0.568538793	0.245239897	49236.762	44895.644	Down	-0.133160413467541	Microtubule-associated protein 1A OS=Mus musculus GN=Map1a PE=1 SV=2
ROBO1	Q89026	2	2	131528	129818	187005	103169	149740	111821	140187	NA	138695	NA	0.569164563	0.244762148	140252	130234.33	Down	-0.106911511349813	Roundabout homolog 1 OS=Mus musculus GN=Robo1 PE=1 SV=1
TTYH3	Q6P5F7	3	3	12254.33	23501.33	4976.67	29790.67	26555	38773	38664	23499.67	18729.33	2142.33	0.5692649	0.244685593	19415.6	24361.666	Up	0.327396505426249	Protein tweety homolog 3 OS=Mus musculus GN=Ttyh3 PE=1 SV=1
MFF	Q6PCP5	12	12	24620	27566.9	26099.8	46178.6	33704.8	42970.8	32949	18465	28661.1	12617.3	0.569833326	0.244252206	21154.02	27132.64	Down	-0.199388906950969	Mitochondrial fission factor OS=Mus musculus GN=Mff PE=1 SV=1
TDRD6	P61407	1	1	322382	363576	168700	261015	263161	353815	325245	155966	430183	NA	0.569885732	0.244212216	275766.8	316302.25	Up	0.197855039454826	Tudor domain-containing protein 6 OS=Mus musculus GN=Tdrd6 PE=1 SV=1
SLC7A5	Q9Z127	1	1	NA	1872	NA	5111	909	5666	2597	NA	2656	NA	0.569952951	0.244160994	2630.667	3639.667	Up	0.468377874103584	Large neutral amino acids transporter small subunit 1 OS=Mus musculus GN=Slc7a5 PE=1 SV=2
PCBP2	Q61990	16	16	57332.67	54688.07	46091.53	76447.53	60842.33	65692.33	71496.93	38096.27	60631.13	31772.93	0.570435917	0.243793137	59080.426	53537.918	Down	-0.142119192632446	Poly(rC)-binding protein 2 OS=Mus musculus GN=Pcbp2 PE=1 SV=1
RIMS1	Q99NE5-6	29	29	38435.64	43033.84	37603.6	41468.2	52500.68	49087.56	51767.92	44199.64	58957.72	27001.32	0.570623213	0.243650565	42608.392	46202.832	Up	0.116843677652148	Isoform 6 of Regulating synaptic membrane exocytosis protein 1 OS=Mus musculus GN=Rims1
SLC8A1	P70414	2	2	22902	47473.5	27586	75980.5	33178	56478	55852	70201.5	28396.5	32874	0.570703329	0.243589594	41424	48760.4	Up	0.235243090628984	Sodium/calcium exchanger 1 OS=Mus musculus GN=Slc8a1 PE=1 SV=1
CCTN	Q60598	31	31	116585.97	104839.23	83899.29	96139.58	108550.1	101614.81	118920.58	98997.65	152645.39	78738.13	0.570820855	0.243500168	102002.83	110183.31	Up	0.111296498703181	Src substrate cortactin OS=Mus musculus GN=Cttn PE=1 SV=2
TUBB1	A2AQ07	1	1	72973	73036	152086	48139	61706	53133	80512	114575	47803	221221	0.570825019	0.243497	81588	103448.8	Up	0.342488029444925	Tubulin beta-1 chain OS=Mus musculus GN=Tubb1 PE=1 SV=1
AMOT	Q8VHG2	1	1	23752	24158	36821	18364	24277	21780	33110	40909	34987	13743	0.571314394	0.243124834	25474.4	28905.8	Up	0.182310834176517	Angiomotin OS=Mus musculus GN=Amot PE=1 SV=3
LSM12	Q9DD08	4	4	49113.75	62769	48451	60224.25	53580.75	52743.75	59269.75	40217.25	62094	44801.25	0.57153219	0.242959304	54827.75	51825.2	Down	-0.081252491200339	Protein LSM12 homolog OS=Mus musculus GN=Lsm12 PE=1 SV=1
PLPPR4	Q7TME0	23	23	21626.09	36582.36	29230.09	74784	43581.82	61404.64	67217.59	37425.09	49635.36	25382.68	0.571886821	0.242689911	41160.872	48213.072	Up	0.228150810800084	Lipid phosphate phosphatase-related protein type 4 OS=Mus musculus GN=Lppr4 PE=2 SV=2
CCT6A	P80317	19	19	49836.37	56127.47	59004	43494.84	50327.79	54021	53103.79	71863.21	55404.74	41097.11	0.572199771	0.24245232	51758.094	55097.97	Up	0.090214675059249	T-complex protein 1 subunit zeta OS=Mus musculus GN=Cct6a PE=1 SV=3
EPB41L1	Q92ZH5-3	25	25	62562.48	70018.52	44939.8	64276.32	71162.4	75679.6	90669.36	40275.72	88328.48	51272.36	0.572499509	0.242224882	62591.904	69245.104	Up	0.14573600581712	Isoform 3 of Band 4.1-like protein 1 OS=Mus musculus GN=Epb41l1
RPL26	P61255	15	15	91625.07	100528	96768.27	75993.07	91032.93	86341	101291.53	77866.87	113408.73	99088	0.572664434	0.242099788	91189.468	95599.226	Up	0.068131728959191 7	60S ribosomal protein L26 OS=Mus musculus GN=Rpl26 PE=1 SV=1
ABI1	Q8CBW3	21	21	101713.19	95845.29	76100.86	94535.52	102191.81	103287	103874.43	66728.9	107488.81	51836.05	0.572873114	0.24194156	94077.334	86643.038	Down	-0.11876334746685	Abl interactor 1 OS=Mus musculus GN=Abi1 PE=1 SV=3
CDC42	P60766-1	6	6	18087.83	25792.17	13695.33	54356	23050.33	31943	33630	15186.83	20838.5	7759	0.573171268	0.241715588	26996.332	21871.466	Down	-0.303713476619859	Isoform 1 of Cell division control protein 42 homolog OS=Mus musculus GN=Cdc42
GAP43	P06837	37	37	161134.62	181800.46	164117.46	289349.57	139454.62	181109.78	182059.22	186051.05	239527.49	235323.27	0.573214723	0.241682664	187171.35	204814.16	Up	0.129955884699825	Neuromodulin OS=Mus musculus GN=Gap43 PE=1 SV=1
TSC2	Q61037-3	3	3	4750	11173.67	11851.67	14341.33	14526.67	16121.33	18550.33	10047.67	13334	6694	0.573283072	0.241630882	11328.668	12949.466	Up	0.192914364200059	Isoform B of Tuberin OS=Mus musculus GN=Tsc2
ALDOA	P05064	187	187	144296.62	122985.96	133905.49	115887.25	140822.58	128067.27	129588.77	129123.48	137467.56	158950.91	0.573905945	0.241159277	131979.58	136639.6	Up	0.050060903833676	Fructose-bisphosphate aldolase A OS=Mus musculus GN=Aldoa PE=1 SV=2
CKB	Q04447	75	75	157376.57	155525.91	105240.04	152180.16	157226.59	169182.29	160666.84	98888.38	163416.24	67098.29	0.574301885	0.240859759	145509.85	131850.41	Down	-0.142214820962835	Creatine kinase B-type OS=Mus musculus GN=Ckb PE=1 SV=1
TANC2	A2A690	8	8	11055.12	16440.25	6792.88	27146.88	19316.75	26312.75	26495.5	13156.88	22215.62	7619.5	0.574303904	0.240858231	16150

MFF	Q6PCP5-3	9	9	14756.25	18180.5	6940	42499.12	28972.25	38109	27144	1771.88	15635.12	1103	0.576933296	0.238874397	22269.624	16752.6	Down	-0.410692180975248	Isoform 3 of Mitochondrial fission factor OS=Mus musculus GN=Mff
HSPA2	P17156	44	44	66663.14	69230.66	66359.45	90189.8	65665.55	72857.98	71110.86	77835.11	63246.59	55170.93	0.576938842	0.238870222	71621.72	68044.294	Down	-0.073922978652578	Heat shock-related 70 kDa protein 2 OS=Mus musculus GN=Hspa2 PE=1 SV=2
SNRPD3	P62320	2	2	15875.5	9349.5	10129.5	13676	13637	14202	15333.5	2831.5	10325	NA	0.577105038	0.238745134	12533.5	10673	Down	-0.231823595459232	Small nuclear ribonucleoprotein Sm D3 OS=Mus musculus GN=Snrpd3 PE=1 SV=1
SET	Q9EQU5	4	4	8525.25	6963	2545.75	21174.25	9466.25	14472.75	6276.5	5341	3681.75	NA	0.577352559	0.238579441	9734.9	7443	Down	-0.387281923246245	Protein SET OS=Mus musculus GN=Set PE=1 SV=1
LIMCH1	Q3UH68-3	2	2	4212	5262	2559	5446	6132	5297	7673	5532	3061	NA	0.577798604	0.238223512	4722.2	5390.75	Up	0.191026859594936	Isoform 3 of LIM and calponin homology domains-containing protein 1 OS=Mus musculus GN=Limch1
NDUFA12	Q7TMF3	8	8	115513.88	119111	123557.75	84183.62	111120.62	100103.88	101092.75	122642.88	123216.75	134523	0.577839786	0.238192559	110697.37	116315.85	Up	0.071426728157649	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12 OS=Mus musculus GN=Ndufa12 PE=2 SV=2
YWHAB	Q9CQV8	25	25	198563.54	291816.67	183774.46	618591.12	290207.46	414422.04	365228.79	184628.33	253671.42	75449.67	0.57827131	0.237868354	316590.65	258680.05	Down	-0.291449854051312	14-3-3 protein beta/alpha OS=Mus musculus GN=Ywhab PE=1 SV=3
ARHGAP44	Q5SSM3	3	3	125436.33	134996.67	132883.33	131251	142310.33	140944.67	169503.67	49613.67	151238	88400.33	0.578834793	0.237445372	133375.53	119940.07	Down	-0.153180329740878	Rho GTPase-activating protein 44 OS=Mus musculus GN=Arhgap44 PE=1 SV=1
RPL12	P35979	10	10	114766.2	135383.4	137905.2	162215.9	106796	130083.6	149203.1	111770.2	150534.9	58342.3	0.579046525	0.237286541	131413.34	119986.82	Down	-0.131235792487006	60S ribosomal protein L12 OS=Mus musculus GN=Rpl12 PE=1 SV=2
VPS37C	Q8R105	7	7	8266.17	10140	7126.33	9709.67	10556.33	15841.67	7865.33	7888.5	9872.17	NA	0.579349403	0.237059436	9159.7	10366.918	Up	0.178614734042219	Vacuolar protein sorting-associated protein 37C OS=Mus musculus GN=Vps37c PE=2 SV=1
PRKCD	P28867	2	2	3165.5	7164.5	8628	29122.5	17995.5	22818	19512	20658	4440	NA	0.579664598	0.236823223	13215.2	16857	Up	0.351149547117471	Protein kinase C delta type OS=Mus musculus GN=Prkcd PE=1 SV=3
CLIP1	Q922J3	23	23	49360.86	53887.57	60320.24	36751.95	53822.52	48510.29	54341.24	44373.19	67852.57	55189.62	0.579883572	0.236659195	50828.628	54053.382	Up	0.088743597875202	CAP-Gly domain-containing linker protein 1 OS=Mus musculus GN=Clip1 PE=1 SV=1
TMOD2	Q9JKK7-2	3	3	33642.67	40229.67	32436	53447	30538	40044.33	40880.67	31502.67	26838.67	36639.67	0.580028414	0.236550731	38058.668	35181.202	Down	-0.113402095460703	Isoform 2 of Tropomodulin-2 OS=Mus musculus GN=Tmod2
PDCD6IP	Q9WU78	8	8	8374.75	11260.88	7931.25	22610.5	13120.38	16718.25	13896.12	5679.62	10553	6652.75	0.58006555	0.236522927	12659.552	10699.948	Down	-0.242622565766274	Programmed cell death 6-interacting protein OS=Mus musculus GN=Pdcd6ip PE=1 SV=3
MATR3	Q8K310	28	28	95637.25	53854.54	58606.46	38560.11	79521.57	48251.43	55462.57	51584.54	53063.14	83325.36	0.580174409	0.236441432	65235.986	58337.408	Down	-0.161246728082264	Matrin-3 OS=Mus musculus GN=Matr3 PE=1 SV=1
ACLY	Q91V92	7	7	17701.5	21507.17	15382	21451.33	20971	19776	24019.67	9055.5	16603.83	NA	0.580573225	0.236142997	19402.6	17363.75	Down	-0.160171434137161	ATP-citrate synthase OS=Mus musculus GN=Acly PE=1 SV=1
COX6C	Q9CPQ1	7	7	254690.29	246805.71	430663.29	183178.43	232182.29	224822.43	242710.71	405745.14	260543.14	375193.71	0.580645135	0.236089208	269504	301803.03	Up	0.163300574546321	Cytochrome c oxidase subunit 6C OS=Mus musculus GN=Cox6c PE=1 SV=3
EPB41L1	Q9Z2H5	28	28	63775.07	71283	45736.36	73232.11	72020.57	80255.46	93204.89	41967.25	91515.25	52962.43	0.581238762	0.235645431	65209.422	71981.056	Up	0.1425368354102 2	Band 4.1-like protein 1 OS=Mus musculus GN=Epb41l1 PE=1 SV=2
SH2B1	Q91ZM2-3	2	2	15351	18761	NA	32811.5	21378	26649	26909	13660.5	6224	NA	0.581282624	0.235612659	22075.375	18360.625	Down	-0.265822776242233	Isoform 3 of SH2B adapter protein 1 OS=Mus musculus GN=Sh2b1
SPAG7	Q7TNE1	1	1	20893	27936	20634	20459	25956	24139	23030	18002	30852	27575	0.581770196	0.235299473	23175.6	24719.6	Up	0.093048708777824 22	Sperm-associated antigen 7 OS=Mus musculus GN=Spag7 PE=1 SV=1
MRPL38	Q8K2M0	1	1	16334	6324	16178	22046	18894	19069	29613	NA	10512	NA	0.581728752	0.235279471	15955.2	19731.333	Up	0.306461755576146	39S ribosomal protein L38, mitochondrial OS=Mus musculus GN=Mrpl38 PE=2 SV=2
NDUFB10	Q9DCS9	29	29	103203.54	107504.96	88216.07	81444.21	93598.96	96951.64	88199.32	90063.14	100877.14	80840.32	0.581738234	0.235272392	94793.548	91386.312	Down	-0.052810775192466 1	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 OS=Mus musculus GN=Ndufb10 PE=1 SV=3
TSTD3	Q9D0B5	1	1	200413	180308	79039	156356	201217	126139	182260	179933	120245	132309	0.581868537	0.235175125	163466.6	148177.2	Down	-0.141672412447138	Thiosulfate sulfurtransferase/rhodanese-like domain-containing protein 3 OS=Mus musculus GN=Tstd3 PE=1 SV=1
KALRN	A2CG49-8	2	2	28568	43788.5	56781	33312.5	40443	31310	60225	58796.5	34525	40398.5	0.581922744	0.235134668	40578.6	45051	Up	0.150840038378034	Isoform 8 of Kalirin OS=Mus musculus GN=Kalrn
HNRNPL	Q8R081	14	14	114402.64	69205.64	84442.14	60806.07	101392.29	71260.86	69941.43	93793.43	71556.07	91068.86	0.582037457	0.235049066	86049.756	79524.13	Down	-0.111778417752087	Heterogeneous nuclear ribonucleoprotein L OS=Mus musculus GN=Hnrnpl PE=1 SV=2
HARS	Q61035	2	2	4520.5	10554	4224.5	28117	11617.5	14908.5	16753	NA	11847.5	NA	0.582491563	0.234710361	11806.7	14503	Up	0.296745573524033	Histidine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Hars PE=2 SV=2
TAMM41	Q3TUH1	1	1	NA	NA	NA	5343	1823	2532	1977	NA	2199	NA	0.583697072	0.233812485	3583	2236	Down	-0.680247855367546	Mitochondrial translocator assembly and maintenance protein 41 homolog OS=Mus musculus GN=Tamm41 PE=2 SV=2
ACAA1A	Q922H8	24	24	86791.5	89128.62	99193.92	47350.88	77131.25	70568.88	78031.88	102766.5	97342.08	81594.17	0.583845315	0.233722022	79888.434	86060.702	Up	0.107367959092927	3-ketoacyl-CoA thiolase 1, peroxisomal OS=Mus musculus GN=Acaa1a PE=1 SV=1
NEGR1	Q80Z24	31	31	41159.31	96399.97	44713.72	150860.03	96645.86	116105.62	149010.03	86496.79	96458.86	54758.21	0.583935435	0.233635169	85955.778	100565.9	Up	0.226474699155855	Neuronal growth regulator 1 OS=Mus musculus GN=Negr1 PE=1 SV=1
PDXP	P60487	7	7	28106	28516	37414.71	24472.43	33115.86	28015.14	28980	25914.43	30872.86	54514.14	0.584160056	0.233468143	30325	33659.314	Up	0.150498128503204	Pyridoxal phosphate phosphatase OS=Mus musculus GN=Pdxp PE=1 SV=1
HK1	P17710-2	37	37	61774.59	92009.62	75346.16	140573.51	97215.95	127694.57	140381.32	68874.81	87278.59	96133.95	0.584208583	0.233432067	93383.966	104072.65	Up	0.156344188529636	Isoform HK1-SB of Hexokinase-1 OS=Mus musculus GN=Hk1
RNH1	Q91VI7	4	4	25545.5	21793.5	30454.5	24480	22718	25835.75	26107	21062.25	32157	6323	0.584339113	0.233335043	24998.3	22297	Down	-0.164980375734173	Ribonuclease inhibitor OS=Mus musculus GN=Rnh1 PE=1 SV=1
USF1	Q61069	1	1	15175	4852	NA	8602	10905	10453	8667	NA	15924	NA	0.584840153	0.232962818	9883.5	11681.333	Up	0.241111023435386	Upstream stimulatory factor 1 OS=Mus musculus GN=Usf1 PE=1 SV=1
PDLIM1	O70400	1	1	10752	5162	10468	1699	11291	3115	4806	27640	10087	NA	0.584982789	0.232856911	7874.4	11412	Up	0.535309747229506	PDZ and LIM domain protein 1 OS=Mus musculus GN=Pdlim1 PE=2 SV=4
HMGN2	P09602	2	2	174843	76631.5	112461	41327.5	68438.5	50036.5	62575.5	62836.5	72542.5	144581.5	0.585422195	0.232530816	94772.3	78515.1	Down	-0.221495311199318	Non-histone chromosomal protein HMG-17 OS=Mus musculus GN=Hmgn2 PE=1 SV=2
TUFM	Q8BFR5-2	30	30	133731.07	133325.32	108665.75	107420.68	114879.71	125613.29	122059.14	99004.14	127106.93	99859.82	0.585493662	0.232477802	119604.51	114728.66	Down	-0.060045861782028	Isoform 2 of Elongation factor Tu, mitochondrial OS=Mus musculus GN=Tufm
ECH1	O35459	5	5	24603.8	33758.2	34363.6	27293.2	26700.2	27995.2	27587.4	45895.2	26555.4	30511	0.585515882	0.23246132	29343.8	31708.84	Up	0.111829389468259	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial OS=Mus musculus GN=Ech1 PE=1 SV=1
SH3KBP1	Q8R550-8	1	1	97562	102181	28557	46266	106191	66718	82311	NA	117720	NA	0.58583326	0.232225975	76151.4	88916.333	Up	0.223577896708695	Isoform 8 of SH3 domain-containing kinase-binding protein 1 OS=Mus musculus GN=Sh3kbp1
AGAP2	Q3UHD9	18	18	36794.06	50671.33	35786.5	62990.78	54063.56	62762.17	67604.72	47603.83	58917.89	28295.39	0.585887143	0.232186032	48061.246	53036.8	Up	0.142119681212257	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2 OS=Mus musculus GN=Agap2 PE=2 SV=1
NOMO1	Q6GQT9	1	1	4431	4113	NA	12975	3216	9642	7966	3941	6872	NA	0.586097311	0.232030271	5433.75	7105.25	Up	0.386937221443928	Nodal modulator 1 OS=Mus musculus GN=Nomo1 PE=1 SV=1
DLG4	Q62108-3	14	14	41381.71	61638.86	54554.57	86961.43	65397.93	69614.36	79593.93	37827.21	68888.21	85545.64	0.586137513	0.232000483	61986.9	68291.87	Up	0.139792733449388	Isoform 3 of Disks large homolog 4 OS=Mus musculus GN=Dlg4
FADD	Q61160	1	1	NA	NA	NA	1370	704	585	4293	NA	NA	NA	0.586454933	0.231765357	1037	2439	Up	1.23387386398296	FAS-associated death domain protein OS=Mus musculus GN=Fadd PE=1 SV=1
UBA52	P62984	6	6	59900.5	93587	39945.67	65232	81593.33	78450.17	110484	61041.17	139174.67	17033	0.586881587	0.231449516	68051.7	81236.602	Up	0.255498693064587	Ubiquitin-60S ribosomal protein L40 OS=Mus musculus GN=Uba52 PE=1 SV=2
ATP6V1F	Q9D1K2	6	6	178378.17	175273.67	241208.33	154176.33	158785	151436.67	157437.17	189235	212235.33	274989.17	0.587351109	0.231102207	181564.3	197066.67	Up	0.11820321723561	V-type proton ATPase subunit F OS=Mus musculus GN=Atp6v1f PE=1 SV=2
EIF3D	O70194	4	4	18690.5	23855.75	16972.75	38465.75	28885.25	34204.75	32483	16937	30455.5	NA	0.587498599	0.230993165	25374	28520.063	Up	0.168626177164086	Eukaryotic translation initiation factor 3 subunit D OS=Mus musculus GN=Eif3d PE=1 SV=2
VSNL1	P62761	1	1	4328	5888	NA	19374	6181	7933	6941	NA	5526	NA	0.587794398	0.230774557	8942.75	6800	Down	-0.395183798836137	Visinin-like protein 1 OS=Mus musculus GN=Vsnl1 PE=1 SV=2
RAP1GAP	A2ALS5-4	3	3	13454.5	15340.5	7577	22797	18472	16392.5	13915	18455	19893	NA	0.587873943	0.230715789	15528.2	17163.875	Up	0.144484694570379	Isoform 4 of Rap1 GTPase-activating protein 1 OS=Mus musculus GN=Rap1gap
ADAM22	Q9R1V6-18	4	4	12254	23481	941.33	57798.67	26711	44438	49062	18709.33	14272	NA	0.587882926	0.230709153	24237.2	31620.333	Up	0.383629497027 98	Isoform 16 of Disintegrin and metalloproteinase domain-containing protein 22 OS=Mus musculus GN=Adam22
SNCG	Q9ZOF7	5	5	62223.4	61002.4	36125.6	192897.6	63793.6	88188.4	61872.8	45431.6	69396.4	NA	0.587916794	0.230684134	83208.52	66222.3	Down	-0.329414139751476	Gamma-synuclein OS=Mus musculus GN=Sncg PE=1 SV=1
NAPA	Q9DB05	12	12	25005.75	24505.08	42572.42	29393	43191.17	33964.5	31142.42	25645.67	38706.42	52621.25	0.588272327	0.230421581	32933.484	36416.052	Up	0.145459381585555	Alpha-soluble NSF attachment protein OS=Mus musculus GN=Napa PE=1 SV=1
STRN	O55106	12	12	36944.33	38719.83	29766.58	41789.33	43738.17	43606.58	41384.5	19427.58	46533.92	22143.33	0.588374899	0.230345863	38191.648	34619.182	Down	-0.141685538382485	Striatin OS=Mus musculus GN=Strn PE=1 SV=2
SGTA	Q8BJU0	13	13	49633	55422.92	62651.69	55108.08	57725.85	57491.69	61374.23	46628.31	63941.62	34094.23	0.588545491	0.230219963	56108.308	52706.016	Down	-0.090246763429541 8	Small glutamine-rich tetratricopeptide repeat-containing protein alpha OS=Mus musculus GN=Sgta PE=1 SV=2
FNBP1L	Q8K012	5	5	22875.6	28198.4	24366.2	56659.2	29725.2	38464	38035.2	16353.8	28819.2	18180.4	0.588900252	0.22995826	32364.92	27970.52	Down	-0.210523862596757	Formin-binding protein 1-like OS=Mus musculus GN=Fnbp1l PE=1 SV=2
TAGLN3	Q9R1Q8	41	41	69556.44	69727.46	57524.59	66450.95	74203.98	67526.1	70964.88	76889.37	68291.24	63759.8	0.589005935	0.229880329	67492.684	69486.278	Up	0.041996978744829	Transgelin-3 OS=Mus musculus GN=Tagln3 PE=1 SV=1
FNBP1	Q80TY0-3	4	4	36824.75	51388.25	43432	44920	39590.5	49658.75	45638.5	36304.25	49340.5	15362.75	0.589522795	0.229499397	43231.1	39260.95	Down	-0.138974463343287	Isoform 3 of Formin-binding protein 1 OS=Mus musculus GN=Fnbp1
LRRC57	Q9D1G5	2	2	150434	140119.5	161368.5	99371	125008.5	117286	116514	95344	130268.5	170553	0.589797586	0.229297009	135260.3	125993.1	Down	-0.102393731862813	Leucine-rich repeat-containing protein 57 OS=Mus musculus GN=Lrrc57 PE=2 SV=1
PTPN11	P35235	1	1	5254	7086	NA	18509	7328	15203	14377	NA	6245	NA	0.589980091	0.229162643	9544.25	11941.667	Up	0.323300465648674	Tyrosine-protein phosphatase non-receptor type 11 OS=Mus musculus GN=Ptpn11 PE=1 SV=2
ADO	Q6PDY2	2	2	25327	27889.5	12732.5	48327.5	34388.5	35533	25416	20005.5	22665	NA	0.590146807	0.229039938	29733	25904.625	Down	-0.119855336595684	2-aminoethanethiol dioxygenase OS=Mus musculus GN=Ado PE=1 SV=2
PPP1R11	Q8K1L5	1	1	17225	9066	10008	20755	13399	20822	20470	NA	8955	NA	0.59071207	0.228624155	14090.6	16749	Up	0.249341916763329	Protein phosphatase 1 regulatory subunit 11 OS=Mus musculus GN=Ppp1r11 PE=2 SV=1
GOLGA3	P55937	6	6	24463.8	26216.8	27414.6	17705	22152.8	25846	29562	24481.6	26706.4	18406	0.591495113	0.228048839	23590.6	25000.4	Up	0.083739065467349	Golgin subfamily A member 3 OS=Mus musculus GN=Golga3 PE=1 SV=3
PLEKHA6	Q7TQG1	4	4	9769.25	12190.75	5743.25	11971.5	18245.25	17660.25	15824	3209	19240	NA	0.592159884	0.227561018	11584	13983.313	Up	0.271572652982124	Pleckstrin homology domain-containing family A member 6 OS=Mus musculus GN=Plekha6 PE=1 SV=1
DBI	P31786	10	10	57981.9	69597.7	19940.6	122797.9	56120.3	81641.7	70189.8	30038.3	63238.3	25088.7	0.592256278	0.227490327	65287.68	54039.36	Down	-0.272800187543693	Acyl-CoA-binding protein OS=Mus musculus GN=Dbi PE=1 SV=2
CNTFR	O88507	1	1	11748	22079	NA	28916	16164	30619	20302	NA	17619	NA	0.592639751	0.227209222	19726.75	22846.667	Up	0.211830400817	Ciliary neurotrophic factor receptor subunit alpha OS=Mus musculus GN=Cntfr PE=1 SV=2
PRPF31	Q8CCF0-3	1	1	4673	1698	NA	3733	4303	5388	4455	NA	2730	NA	0.592701913	0.227163671	3601.75	4191	Up	0.218596475226354	Isoform 3 of U4/U6 small nuclear ribonucleoprotein Prp31 OS=Mus musculus GN=Prpf31
DNM2	P39054	14	14	68211.46	89883.15	58883.23	133361.08	89817.66	102290.77	107036.15	67458.54	67942.23	38459.46	0.593021198	0.22692921	86683.984	76637.43	Down	-0.177716279498766	Dynamin-2 OS=Mus musculus GN=Dnm2 PE=1 SV=2
GTPBP8	Q9CY28	1	1	9052	9658	6736	5449	9733	8102	13084	NA	5374	NA	0.593080949	0.226886026	7373.2	8853.333	Up	0.263929648966017	GTP-binding protein 8 OS=Mus musculus GN=Gtpbp8 PE=2 SV=1
NAV1	Q8CH77	12	12	15978.09	17551.45	13431.91	19316.09	19682.91	19105.91	22045.45	4860.45	23903.82	2866.36	0.593085637	0.226882594	17192.09	14556.398	Down	-0.240091537460226	Neuron navigator 1 OS=Mus musculus GN=Nav1 PE=1 SV=2
BTF3	Q64152	2	2	55732	77518.5	93201.5	63194	70291.5	55323	60632	98584.5	106884	NA	0.593603495	0.226503551	71987.5	80355.875	Up	0.158657089536718	Transcription factor BTF3 OS=Mus musculus GN=Btf3 PE=1 SV=3
BTF3	Q64152-2	2	2	55732	77518.5	93201.5	63194	70291.5	55323	60632	98584.5	106884	NA	0.593603495	0.226503551	71987.5	80355.875	Up	0.158657089536718	Isoform 2 of Transcription factor BTF3 OS=Mus musculus GN=Btf3
TXNDC17	Q9CQM5	3	3	4744.67	4241	5049.33	4210.67	4550.67	4652.67	5704	3041	6707	4513.33	0.593659553	0.226462539	4559.268	4923.6	Up	0.110911344784123	Thioredoxin domain-containing protein 17 OS=Mus musculus GN=Txndc17 PE=1 SV=1
HDAC2	P70288	1	1	1220	4691	2998	5377	3582	5592	4575	NA	2536	NA	0.593726114	0.226413849	3573.6	4234.333	Up	0.244756685269053	Histone deacetylase 2 OS=Mus musculus GN=Hdac2 PE=1 SV=1
SND1	Q78PY7	16	16	32081.75	33922.38	34509.56	34974.81	36116.44	36963.94	39765.56	25438.44	38793.62	18191.44	0.593963533	0.226240218	34320.988	31830.6	Down	-0.108676732646618	Staphylococcal nuclease domain-containing protein 1 OS=Mus musculus GN=Snd1 PE=1 SV=1
SWI5	Q8K303	1	1	2672	3055	NA	2125	3082	2138	2714	2237	5288	2446	NA	0.594084573	0.225567293	2736.75	3171.25	Down	-0.212587962645664	DNA repair protein SWI5 homolog OS=Mus musculus GN=Swi5 PE=1 SV=1
PPP1CC	P63087	1	1	7609	5785	5994	8642	5657	7181	5452	8952	7447	NA	0.595026081	0.225463998	6737.4	7258	Up	0.107380102024422	Serine/threonine-protein phosphatase PP1-gamma catalytic subunit OS=Mus musculus GN=Ppp1cc PE=1 SV=1
PPID	Q9CR16	16	16	65766.62	60256.12	51228.25	38923.88	63281.5	52897.69	54797.5	51991.5	53759.25	51817.69	0.595222025	0.225321007	55891.274	53052.726	Down	-0.075196177715036	Peptidyl-prolyl cis-trans isomerase D OS=Mus musculus GN=Ppid PE=1 SV=3
PPIA	P17742	67	67	338325.22	309442.66	319057.58	221484.12	300639.32	286783	318992.95	293010.37	414199.83	266813.97	0.595655271	0.225005011	297789.78	315960.02	Up	0.085447794629107	Peptidyl-prolyl cis-trans isomerase A OS=Mus musculus GN=Ppia PE=1 SV=2
ASAP1	Q9QWY8-3	8	8	39224.86	41664.57	34248.71	50898.71	47314.86	48347	48934.86	33497.86	43985.29	22072.57	0.595750751	0.224935402	42670.342	39367.516	Down	-0.116227989027349	Isoform 3 of Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1 OS=Mus musculus GN=Asap1
STX18	Q8VDS8-3	1	1	NA	2856	NA	7924	5881	4105	5114	NA	NA	NA	0.595930779	0.224804183	5553.6667	4609.5	Down	-0.268830320959799	Isoform 3 of Syntaxin-18 OS=Mus musculus GN=Stx18
RPS20	P60867	5	5	38310.6	37308.4	38137	49130.4	42226	47861.2	39796.2	27742.4	55889.8	10279.2	0.596899994	0.224098425	41022.48	36313.76	Down	-0.175893934661156	40S ribosomal protein S20 OS=Mus musculus GN=Rps20 PE=1 SV=1
GRB2	Q60631	1	1	7357	11072	NA	28471	5903	15197	9683	NA	4411	NA	0.597243904	0.223848274	13200.75	9763.6667	Down	-0.435124951359546	Growth factor receptor-bound protein 2 OS=Mus musculus GN=Grb2 PE=1 SV=1
PSMC6	P62334	6	6	36342.5	49403	32760.83	86022.17	41624.67	59426.17	51281	39218.17	40957.83	23923.67	0.598141868	0.223195797	49230.634	42961.368	Down	-0.196516385790299	26S protease regulatory subunit 10B OS=Mus musculus GN=Psmc6 PE=1 SV=1
GPR151	Q7TSN6	1	1	58453	61915	66988	34730	82806	65144	65586	55941	76999	NA	0.598341309	0.223051013	60978.4	65917.5	Up	0.112363231365708	Probable G-protein coupled receptor 151 protein OS=Mus musculus GN=Gpr151 PE=2 SV=1
ECI1	P42125	5	5	87975.2	138844.6	74640.8	237275	157301.6	189772.4	148376.2	71940.4	136264.8	41561.4	0.598537695	0.222908493	139207.44	117583.04	Down	-0.243556335660795	Enoyl-CoA delta isomerase 1, mitochondrial OS=Mus musculus GN=Eci1 PE=1 SV=2
DYNC1I2	O88487	7	7	15008.83	16326.83	18898.33	12967.67	13420.17	14106.67	16344.67	22676.83	19228.17	10710.83	0.598815253	0.222707146	15324.366	16613.434	Up	0.116522921525819	Cytoplasmic dynein 1 intermediate chain 2 OS=Mus musculus GN=Dync1i2 PE=1 SV=1
TSC1	Q9EP53-3	3	3	1371	2456.67	1569.67	4252.33	3549	4258	3694.67	NA	1633.67	NA	0.598819051	0.222704392	2639.734	3195.446	Up	0.275625048595493	Isoform 3 of Hamartin OS=Mus musculus GN=Tsc1
RANBP2	Q9ERU9	2	2	109089	88279	28502	222022	111984	166705	123565	NA	110626	122344	0.599339256	0.222327276	111975.2	130810	Up	0.224293591398299	E3 SUMO-protein ligase RanBP2 OS=Mus musculus GN=Ranbp2 PE=1 SV=2
LUZP1	Q8R4U7	2	2	3363.5	3408	2611.5	6027.5	3629	6731	3420	NA	3441.5	NA	0.600158813	0.221733812	3807.9	4530.833	Up	0.250780830053007	Leucine zipper protein 1 OS=Mus musculus GN=Luzp1 PE=1 SV=2
GALNT2	Q6PB93	1	1	12358	18253	NA	48477	20467	43374	42192	NA	11492	NA	0.600591088	0.221421116	24888.75	32352.667	Up	0.378390855221667	Polypeptide N-acetylgalactosaminyltransferase 2 OS=Mus musculus GN=Galnt2 PE=2 SV=1
H2AFY2	Q8CCK0	4	4	146149.75	111400.25	121064.75	62007	120861	89395.5	106782	213353.5	112885.75	110604.25	0.600618811	0.22140107	112296.55	126604.2	Up	0.173011660277042	Core histone macro-H2A.2 OS=Mus musculus GN=H2afy2 PE=1 SV=3
AKT1S1	Q9D1F4	4	4	18993.5	21479.5	6019.25	23932	24425	27893	21592.25	10337.25	27810.25	NA	0.600956453	0.221156997	18969.85	21908.188	Up	0.207761861762492	Proline-rich AKT1 substrate 1 OS=Mus musculus GN=Akt1s1 PE=1 SV=1
SLMAP	Q3URD3	5	5	17514.25	26047.5	18179.75	41923.75	34378.25	38863.75	40169	18185.75	28504.5	NA	0.601063412	0.221079707	27608.7	31430.75	Up	0.187053740199719	Sarcolemmal membrane-associated protein OS=Mus musculus GN=Slmap PE=1 SV=2
SV2B	Q8BG39	16	16	6196.67	11556.2	4164.47	25180.53	12979.93	20254.8	21550.87	11045.47	14476.27	5591.07	0.601273662	0.22092782	12015.56	14583.696	Up	0.279452504925135	Synaptic vesicle glycoprotein 2B OS=Mus musculus GN=Sv2b PE=1 SV=1
SLC16A1	P53986	1	1	NA	1334	NA	4448	1260	4447	3220	NA	1639	NA	0.602098092	0.220332749	2347.3333	3102	Up	0.402175959894116	Monocarboxylate transporter 1 OS=Mus musculus GN=Slc16a1 PE=

MAPK1	P63085	6	6	29163.17	45605.5	15508.5	87121.67	45558.33	62338	64598.83	12106.17	32023.17	5582.5	0.604886852	0.218325855	44591.434	35329.734	Down	-0.335883708393238	Mitogen-activated protein kinase 1 OS=Mus musculus GN=Mapk1 PE=1 SV=3
PYM1	Q8CHP5	3	3	33796	41491.67	17492	38254	40073.67	44405	39735.33	16253	58200.67	NA	0.604925783	0.218297905	34221.468	39648.5	Up	0.21236463775471	Partner of Y14 and mago OS=Mus musculus GN=Wibg PE=2 SV=2
EVL	P70429	1	1	115731	112418	72572	70947	98751	91891	104244	67039	169302	91536	0.605054955	0.218205178	94083.8	104802.4	Up	0.15565351908356	Ena/VASP-like protein OS=Mus musculus GN=Evl PE=1 SV=2
ACAA1B	Q8VCH0	11	11	111278.18	112364.27	140821.09	54937.91	99503.82	86312.73	93862.82	147852.55	117212.36	121389.64	0.605810855	0.21766295	103781.05	113326.02	Up	0.12693605306429	3-ketoacyl-CoA thiolase B, peroxisomal OS=Mus musculus GN=Acaa1b PE=1 SV=1
SLMAP	Q3UJRD3-4	1	1	2639	1297	NA	18688	12344	16081	17388	NA	4508	NA	0.605988369	0.217353711	9617	12660.333	Up	0.39665656587413	Isoform 4 of Sarcolemmal membrane-associated protein OS=Mus musculus GN=Slmap
TUFM	Q8BFR5	35	35	127828.3	131133.21	108642.39	108735.73	114172.03	122704.33	123784.33	101644.3	123292.09	99324	0.60611493	0.217445018	118102.33	114149.81	Down	-0.049108993649498052	Elongation factor Tu, mitochondrial OS=Mus musculus GN=Tufm PE=1 SV=1
CYTH2	P63034-3	1	1	27885	29871	NA	24364	40313	24544	36980	NA	19968	NA	0.606390279	0.21724777	30608.25	27164	Down	-0.17222462495747	Isoform 3 of Cytohesin-2 OS=Mus musculus GN=Cyth2
HNRNPA1	P49312-2	10	10	92788.3	67525.9	57531.8	74285.7	76961.3	94746.8	76481.5	87171.7	85056.5	51175.3	0.606525596	0.217150866	73818.6	78926.36	Up	0.096522838653688	Isoform Short of Heterogeneous nuclear ribonucleoprotein A1 OS=Mus musculus GN=Hnrnpa1
SDK2	Q6V4S5	2	2	6263	8431.5	13112.5	18997.5	15761.5	26867.5	20310	NA	3365.5	NA	0.606570169	0.217118952	12513.2	16847.667	Up	0.42909802028921	Protein sidekick-2 OS=Mus musculus GN=Sdk2 PE=2 SV=1
TMOD2	Q9JKK7-3	14	14	147096.55	157949.27	140778.82	120412	136250.27	139377.91	137884.55	164686.64	137491.82	144624.18	0.606934905	0.216857885	140497.38	144813.02	Up	0.043648071775616	Isoform 3 of Tropomodulin-2 OS=Mus musculus GN=Tmod2
SLC25A46	Q9CQS4	1	1	15226	53506	5032	135585	34691	93006	75520	NA	27437	NA	0.607134329	0.21671521	48808	65321	Up	0.420429241516781	Solute carrier family 25 member 46 OS=Mus musculus GN=Slc25a46 PE=1 SV=1
TACO1	Q8K0Z7	4	4	15772.5	17385.5	11131.5	16069.5	14861.25	14919.25	14904.5	20374.75	17334	12304	0.607412927	0.21651597	15044.05	15967.3	Up	0.085927373604294	Translational activator of cytochrome c oxidase 1 OS=Mus musculus GN=Taco1 PE=1 SV=1
OCIAD1	Q9CRD0-3	3	3	10979.33	13428	10224	17900	12916.67	14848.33	12963	3160.67	14581	NA	0.607746158	0.216277778	13089.6	11388.25	Down	-0.200874941966982	Isoform 3 of OCIA domain-containing protein 1 OS=Mus musculus GN=Dciad1
ILK	O55222	1	1	4822	7353	NA	10490	3464	10800	7238	NA	5251	NA	0.608037449	0.216069671	6532.25	7763	Up	0.24903428128204	Integrin-linked protein kinase OS=Mus musculus GN=Ilk PE=1 SV=2
HSCB	Q8K3A0	1	1	8301	10114	7158	13393	9059	13001	9762	7058	6768	7175	0.608123209	0.216008421	9605	8752.8	Down	-0.13404100838282983	Iron-sulfur cluster co-chaperone protein HscB, mitochondrial OS=Mus musculus GN=Hscb PE=2 SV=2
RTCB	Q99LF4	30	30	54465.8	59693.53	66705.03	37022.93	53271.5	45846.23	55392.27	53473.4	80103.63	56573.93	0.608142723	0.215994486	54231.758	58277.892	Up	0.10381075573791	tRNA-splicing ligase RtcB homolog OS=Mus musculus GN=Rtcb PE=2 SV=1
APPL2	Q8K3G9	1	1	1903	4861	3513	1505	2810	942	4027	7197	2711	NA	0.608579618	0.215682596	2918.4	3719.25	Up	0.349834091457247	DCC-interacting protein 13-beta OS=Mus musculus GN=Appl2 PE=2 SV=1
COPS4	Q8I544	2	2	3071	3327	1258	2253.5	2536	3303.5	3058.5	NA	1990	NA	0.609853325	0.214774604	2489.1	2784	Up	0.161535019193918	COP9 signalosome complex subunit 4 OS=Mus musculus GN=Cops4 PE=1 SV=1
IPO5	Q8BKC5	1	1	2097	1326	3228	1533	3397	2126	3083	3158	2018	NA	0.610027426	0.214650639	2316.2	2596.25	Up	0.16466947805780 4	Importin-5 OS=Mus musculus GN=Ipo5 PE=1 SV=3
U2AF1L4	Q8BGI9	1	1	51899	34583	16219	44375	38274	31140	36258	23584	42003	NA	0.610297505	0.214458405	37070	33246.25	Down	-0.157060493686323	Splicing factor U2AF 26 kDa subunit OS=Mus musculus GN=U2af1l4 PE=1 SV=1
PPM1B	P36993-3	4	4	20683.75	26406	26168	31990.75	25104	35288.5	37984.75	19562.75	35247.75	15679.5	0.610544506	0.214282672	26070.5	28752.65	Up	0.141276676527697	Isoform Beta-3 of Protein phosphatase 1B OS=Mus musculus GN=Ppm1b
LIN7A	Q8JZS0	15	15	69083.47	73218.8	65308.6	61326.87	76813.93	75460.93	71119.27	71894.87	79217	14041.47	0.611752196	0.213424463	69150.334	62346.708	Down	-0.149422834093832	Protein lin-7 homolog A OS=Mus musculus GN=Lin7a PE=1 SV=2
SGIP1	Q8VD37-8	18	18	57126.18	57477.18	60529.88	46461.12	57100.41	48842.18	53013.71	52508.12	61675.71	54210.88	0.612043051	0.213218029	55738.954	54050.12	Down	-0.044388108288335	Isoform 7 of SH3-containing GRB2-like protein 3-interacting protein 1 OS=Mus musculus GN=Sgip1
CACYBP	Q9CXW3	4	4	71693.5	77314.25	55433.5	83368	86030.25	84711	88534.5	71448	63711.5	37086.5	0.612399597	0.212965103	74767.9	69098.3	Down	-0.113768795795946	Calcyclin-binding protein OS=Mus musculus GN=Cacybp PE=1 SV=1
DLGAP1	Q9D415-3	14	14	17144.67	20757.42	12101.08	22997.42	25311.17	20668.5	21084.83	13573.75	27706.75	2153.17	0.612697729	0.212753729	19662.352	17037.4	Down	-0.206730717164817	Isoform 3 of Disks large-associated protein 1 OS=Mus musculus GN=Dlgap1
ATP12A	Q9Z1W8	11	11	111125.27	276452.64	143047.36	278380.82	270789.73	279025	418857.91	177623.27	171042.36	190700.09	0.612761704	0.212708385	215959.16	247449.73	Up	0.196376907625251	Potassium-transporting ATPase alpha chain 2 OS=Mus musculus GN=Atp12a PE=1 SV=3
PSMB7	P70195	6	6	54993.67	60799.67	53574.17	65132.67	52681	55900.17	61662.17	54346.83	61979.17	60895.17	0.612822007	0.212665647	57436.236	58956.702	Up	0.037694615914924	Proteasome subunit beta type-7 OS=Mus musculus GN=Psmb7 PE=1 SV=1
RPS3A1	P97351	37	37	84737.84	101559.95	81491.38	121419.86	85363.41	92556.76	99322.51	89282.54	99726.76	69006.73	0.613337229	0.212300078	94913.288	89978.86	Down	-0.077023992231288	40S ribosomal protein S3a OS=Mus musculus GN=Rps3a PE=1 SV=3
FTL2-PS	P49945	1	1	5723	8027	4421	26857	5760	12197	6870	2848	8777	NA	0.613363554	0.212282033	10157.6	7673	Down	-0.404696907735105	Ferritin light chain 2 OS=Mus musculus GN=Ftl2 PE=2 SV=2
CACNB2	Q8CC27-3	3	3	55522.67	61184.67	46242.67	26521.33	59306.33	50562.67	53856.67	29282.67	58679.33	33820.67	0.613494239	0.212189511	49755.534	45240.402	Down	-0.137245247643202	Isoform 3 of Voltage-dependent L-type calcium channel subunit beta-2 OS=Mus musculus GN=Cacnb2
MRPL12	Q9DB15	2	2	25303.5	39140	26739.5	31982	29877.5	30778	30357.5	32291	37922.5	29273.5	0.614605751	0.21140338	30608.5	32124.5	Up	0.069741653843077 6	39S ribosomal protein L12, mitochondrial OS=Mus musculus GN=Mrpl12 PE=1 SV=2
TUBB5	P99024	101	101	61100.95	74462.03	60895.01	77975.35	55379.7	63742.75	68735.42	81006.63	56154.99	76375.04	0.615415126	0.210831834	65962.608	69202.966	Up	0.069185431486787	Tubulin beta-5 chain OS=Mus musculus GN=Tubb5 PE=1 SV=1
ANKS1B	Q8BIZ1-3	3	3	5512.67	8797	3584.33	18081.67	8683.33	14313.33	10921.67	NA	14483.67	3528.67	0.615552624	0.210734813	8931.8	10811.835	Up	0.275588548158864	Isoform 3 of Ankyrin repeat and sterile alpha motif domain-containing protein 1B OS=Mus musculus GN=Anks1b
GM13889	Q3UPL5	1	1	31434	35826	45219	12166	29619	26560	33041	23527	33293	22237	0.616266749	0.210231264	30852.8	27731.6	Down	-0.153870568572749	Uncharacterized protein C11orf96 homolog OS=Mus musculus GN=Ag2 PE=1 SV=2
RPH3A	P47708	45	45	59641.33	57117.67	39438.3	54167.07	69482.51	63939.12	65251.23	25102.02	73222.7	20184.74	0.617189432	0.209381519	55969.362	55395.264	Down	-0.176032891766223	Rabphilin-3A OS=Mus musculus GN=Rph3a PE=1 SV=2
RGS20	Q9QZB1	1	1	2120	5054	NA	7917	4034	5577	5922	NA	4898	NA	0.617230321	0.209552748	4781.25	5465.667	Up	0.193009634546646	Regulator of G-protein signaling 20 OS=Mus musculus GN=Rgs20 PE=1 SV=1
CLSTN1	Q9EPL2	2	2	56629.5	61565	54950	78173.5	46042	63631.5	84874.5	45413.5	65335.5	59599.5	0.617353892	0.20946581	59472	63770.9	Up	0.10068764881319 4	Calsyntenin-1 OS=Mus musculus GN=Clstn1 PE=1 SV=1
UHRF1BP1L	A2RSJ4	3	3	3092.67	6035.33	1247.67	13119.67	7239.33	9500.33	8027.67	NA	4803.67	NA	0.617822824	0.209136052	6146.934	7443.89	Up	0.276189741682539	UHRF1-binding protein 1-like OS=Mus musculus GN=Uhrf1bp1l PE=1 SV=2
CPSF7	Q8BTV2	2	2	6902	2777	2988.5	6253	5674.5	6065.5	8587	2790.5	5326.5	NA	0.617866405	0.209105418	4919	5692.375	Up	0.210665651219827	Cleavage and polyadenylation specificity factor subunit 7 OS=Mus musculus GN=Cpsf7 PE=1 SV=2
PURB	O35295	28	28	55064.7	64080.59	42391.67	68381.67	58941.07	60391.56	62597.7	52499.7	69878.56	15768.26	0.618055407	0.20897259	57771.94	52227.156	Down	-0.145568796933544	Transcriptional activator protein Pur-beta OS=Mus musculus GN=Purb PE=1 SV=3
TOMM40	Q9QYA2	3	3	20547.67	28590	12992	29779.67	32119.33	41991.33	21250	15287.33	35920.33	NA	0.618067953	0.208963774	24805.734	28612.248	Up	0.205959179097538	Mitochondrial import receptor subunit TOM40 homolog OS=Mus musculus GN=Tomm40 PE=1 SV=3
OSTF1	Q62422	3	3	12554	14569	10375	14806.5	18777	18391	15644.5	2591	12213.5	NA	0.61814823	0.20890737	14216.3	12210	Down	-0.219482831000955	Osteoclast-stimulating factor 1 OS=Mus musculus GN=Ostf1 PE=1 SV=2
ILDR2	B5TVM2	10	10	21731.38	43848	14941.88	66867	54628.5	62918.38	71510.88	20929.88	53016.13	29323	0.618232122	0.208785849	40403.352	47539.652	Up	0.234656353647893	Immunoglobulin-like domain-containing receptor 2 OS=Mus musculus GN=Ildr2 PE=2 SV=2
SRPRB	P47758	1	1	11562	16782	NA	32772	23988	26560	30638	16451	23092	NA	0.618476807	0.208676582	21276	24185.25	Up	0.18490050875436	Signal recognition particle receptor subunit beta OS=Mus musculus GN=Srprb PE=1 SV=1
DHODH	O35435	2	2	18492.5	20646.5	36450.5	28248	16344	23637.5	24718.5	NA	30474	NA	0.618570083	0.208611088	24036.3	26276.667	Up	0.12856744026549	Dihydroorotate dehydrogenase (quinone), mitochondrial OS=Mus musculus GN=Dhodh PE=2 SV=2
SLC9A3R1	P70441	25	25	61432.96	55985.08	47409.56	48447.68	60235	59360.04	54130.24	31485.68	75911.36	27427.28	0.618604241	0.208587107	54702.056	49662.92	Down	-0.139425969085684	Na(+)/H(+) exchange regulatory cofactor NHE-RF1 OS=Mus musculus GN=Slc9a3r1 PE=1 SV=3
MRPL15	Q9CPR5-2	1	1	4065	4136	1306	8740	3865	6256	4582	NA	4530	NA	0.618916615	0.208367858	4422.4	5122.667	Up	0.212065497443475	Isoform 2 of 39S ribosomal protein L15, mitochondrial OS=Mus musculus GN=Mrpl15
SUGP2	Q8CH09	2	2	19313.5	15490	9717.5	21318	21465	23063.5	17677	8021.5	12844	NA	0.619045519	0.208277416	17460.8	15401.5	Down	-0.181048793997329	SURP and G-patch domain-containing protein 2 OS=Mus musculus GN=Sugp2 PE=2 SV=2
SEC31A	Q3UPL0-3	1	1	81934	74733	158281	80401	102592	91088	72594	69447	77574	325042	0.619529493	0.207938014	99588.2	127149	Up	0.352473400002509	Isoform 3 of Protein transport protein Sec31A OS=Mus musculus GN=Sec31a
APPL1	Q8K3H0	3	3	762	219	NA	2488.33	1277.33	2098.33	1658.67	NA	785.33	NA	0.619754785	0.207780111	1186.665	1514.11	Up	0.351557306626633	DCC-interacting protein 13-alpha OS=Mus musculus GN=Appl1 PE=1 SV=1
FMN2	Q9JIL04	1	1	2558	7926	NA	12509	7626	7078	8923	NA	2558	NA	0.619898254	0.207679587	7654.75	6186.3333	Down	-0.307270689730038	Formin-2 OS=Mus musculus GN=Fmn2 PE=1 SV=2
DLGAP1	Q9D415-4	12	12	18649.64	22508	13201.18	24902.91	27428.09	22469.91	22885.82	14807.73	30225.55	2348.91	0.620185589	0.20747833	21337.964	18547.584	Down	-0.202191251128151	Isoform 4 of Disks large-associated protein 1 OS=Mus musculus GN=Dlgap1
DLGAP1	Q9D415-5	11	11	18649.64	22508	13201.18	24902.91	27428.09	22469.91	22885.82	14807.73	30225.55	2348.91	0.620185589	0.20747833	21337.964	18547.584	Down	-0.202191251128151	Isoform 5 of Disks large-associated protein 1 OS=Mus musculus GN=Dlgap1
VAMP4	O70480	2	2	NA	1058	NA	3291	2237	2470	3160	NA	2139	NA	0.620241088	0.207439467	2195.3333	2589.667	Up	0.238326399713061	Vesicle-associated membrane protein 4 OS=Mus musculus GN=Vamp4 PE=1 SV=1
CNTN2	Q61330	6	6	8957.6	5518.2	3885.6	13564.8	10273	13965.4	13953.6	5989.6	5882.2	NA	0.620326585	0.207379606	8439.84	9947.7	Up	0.237147350806507	Contactin-2 OS=Mus musculus GN=Cntn2 PE=1 SV=2
L1CAM	P11627	27	27	101899.56	121812.33	92570.11	105655	120103.41	120469.22	122149.37	72513.78	126984.67	59986.78	0.620475584	0.207275304	108408.08	100420.76	Down	-0.110414709811296	Neural cell adhesion molecule L1 OS=Mus musculus GN=L1cam PE=1 SV=1
BCAS1	Q80YN3	27	27	112788.56	111227.56	113484.04	80093.81	100000.7	92726.81	80988.37	106784.04	95837.26	118179.59	0.620625794	0.207170179	103518.93	98903.214	Down	-0.065805356898149 8	Breast carcinoma-amplified sequence 1 homolog OS=Mus musculus GN=Bcas1 PE=2 SV=3
ACAD9	Q8JZN5	4	4	19883.75	45493.75	54811.75	51126.75	54290.25	54354.25	63015	27519.5	46790	NA	0.620899031	0.206979018	42861.25	47919.688	Up	0.160944574668492	Acyl-CoA dehydrogenase family member 9, mitochondrial OS=Mus musculus GN=Acad9 PE=1 SV=2
AIP	O08915	3	3	27034	29467.33	20361.67	43332	31449.33	38739.67	34156	7406.67	41374	8025	0.620968918	0.206930137	30328.866	25940.268	Down	-0.225498171660994	AH receptor-interacting protein OS=Mus musculus GN=Aip PE=1 SV=1
HIP1	Q8VD75	3	3	12402.67	24031.67	5279	61260.67	22570	47671.33	47609	17961.33	13104.67	30228.67	0.622089021	0.206147464	25108.802	31315	Up	0.318660683064856	Huntingtin-interacting protein 1 OS=Mus musculus GN=Hip1 PE=1 SV=2
ALG2	Q9DBE8	3	3	8951.33	13624.67	16697.67	38092	12244.67	22643.67	22778.33	19337.67	12232.33	27651	0.622405089	0.205926865	17922.068	20928.6	Up	0.223738689651863	Alpha-1,3/1,6-mannosyltransferase ALG2 OS=Mus musculus GN=Alg2 PE=2 SV=2
PEBP1	P70296	28	28	51753.39	55672.61	66526.43	77166.18	45551.5	55796.39	51246.75	74961.89	54787.43	80925.43	0.622414763	0.205920115	59334.022	63543.578	Up	0.098886747094048	Phosphatidylethanolamine-binding protein 1 OS=Mus musculus GN=Pebp1 PE=1 SV=3
ATP6V1E2	Q9D593	14	14	224526	191419.43	76031.57	208397.14	214769.93	203996.29	209159.64	86621.93	251113.64	39111	0.623401369	0.205232249	183028.81	158000.5	Down	-0.212141664200545	V-type proton ATPase subunit E 2 OS=Mus musculus GN=Atp6v1e2 PE=2 SV=1
LANCL2	Q9JIK2	3	3	14657	35009.67	7811.33	47100.33	33378.67	41711	45399	20118.67	22895.33	NA	0.623880857	0.20489834	27591.4	32531	Up	0.237596509834576	LanC-like protein 2 OS=Mus musculus GN=Lancl2 PE=1 SV=1
MYH11	O08638	3	3	16595.33	30215.33	22171.33	14732.33	35250.33	59350.33	54322.33	13317.67	31443.67	25322.33	0.623910889	0.204877434	50315.93	36751.266	Down	-0.453221280463445	Myosin-11 OS=Mus musculus GN=Myh11 PE=1 SV=1
TPT1	P63028	10	10	65128.5	79067.8	42718.4	134701.4	63594.6	82181.4	83873.6	6222.4	90740.9	52590.1	0.624776583	0.204275256	77022.2	68321.48	Down	-0.172851504319673	Translationally-controlled tumor protein OS=Mus musculus GN=Tpt1 PE=1 SV=1
TUBB4B	P68372	106	106	56956.08	64534.64	60855.05	68167.37	50546.37	57845.06	61927.71	69027.93	51231.44	73858.95	0.624831557	0.204237045	60211.902	62778.218	Up	0.060215387050852 2	Tubulin beta-4B chain OS=Mus musculus GN=Tubb4b PE=1 SV=1
STAM2	O88811	1	1	39833	41384	25553	123772	46932	68471	49528	31059	32656	NA	0.62484908	0.204224865	55494.8	45428.5	Down	-0.288754923753562	Signal transducing adapter molecule 2 OS=Mus musculus GN=Stam2 PE=1 SV=1
GPX4	Q91XR9	2	2	82109.5	97808.5	128151	88137.5	75711	96262	71285	178995	85745	NA	0.625715155	0.203623326	94383.5	108071.75	Up	0.195382874592424	Phospholipid hydroperoxide glutathione peroxidase, nuclear OS=Mus musculus GN=Gpx4 PE=2 SV=3
DLGAP4	B1AZP2-3	10	10	21224.22	21552.78	14521.56	26488.67	24502.56	23601.22	24964.89	19998.89	17714.44	15088.33	0.626014642	0.203415509	21657.958	20273.554	Down	-0.095298207538546 5	Isoform 3 of Disks large-associated protein 4 OS=Mus musculus GN=Dlgap4
PDCD5	P56812	2	2	23658.5	36858	34750	18216.5	33493	23895.5	32715.5	11934.5	36122	68436.5	0.626202075	0.203285497	29395.2	34620.8	Up	0.236058468375584	Programmed cell death protein 5 OS=Mus musculus GN=Pdcd5 PE=1 SV=3
RPL36	P47964	2	2	32952.5	38763.5	14233.5	33538.5	33122.5	26836	30877.5	22727	38220.5	20614.5	0.626296294	0.203220158	30522.1	27855.1	Down	-0.131912731475941	60S ribosomal protein L36 OS=Mus musculus GN=Rpl36 PE=2 SV=2
AP2B1	Q8BG03	10	10	20803.4	30352.1	27463.6	60608.5	36356.2	44609.3	43653	47482.3	27964.9	31967.7	0.626321954	0.203202365	35116.76	39135.44	Up	0.156315922475544	AP-2 complex subunit beta OS=Mus musculus GN=Ap2b1 PE=1 SV=1
DNAJC28	Q8VCE1	1	1	NA	1860	NA	2824	1981	1091	3535	NA	3449	NA	0.627207872	0.2025885	2221.6667	2691.6667	Up	0.276857384492314	DnaJ homology subfamily C member 28 OS=Mus musculus GN=Dnajc28 PE=2 SV=2
PPP3CA	P63328	17	17	20651.4	28209.53	25686	69807	30781.6	44583.07	40475.4	25482.2	31551.87	4407.73	0.627405946	0.20245137	35027.106	29300.054	Down	-0.257568471570674	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform OS=Mus musculus GN=Ppp3ca PE=1 SV=1
CNN3	Q9DAW9	6	6	50209.5	45539.17	76281.17	44551.67	59047.83	54992.67	49719	83001.5	61421.33	48227.5	0.628186831	0.201911172	55125.868	59472.4	Up	0.109490829422928	Calponin-3 OS=Mus musculus GN=Cnn3 PE=1 SV=1
EPS15L1	Q60902-4	6	6	19514.17	24671.33	26849.83	21891.5	22506.67	21063.67	20576.83	22810.17	23159.17	24211	0.628592025	0.201631133	23086.7	22364.168	Down	-0.045872882152907	Isoform 4 of Epidermal growth factor receptor substrate 15-like 1 OS=Mus musculus GN=Eps15l1
ZFP512	Q69Z99	1	1	93598	84107	203396	43661	73897	81145	63712	160650	97175	186914	0.628751729	0.201520808	99731.8	117919.2	Up	0.241673148031416	Zinc finger protein 512 OS=Mus musculus GN=Znf512 PE=2 SV=2
THEM4	Q3UUJ3	1	1	126185	127231	125814	226357	171215	240759	180600	139236	126794	NA	0.629043604	0.201319249	155360.4	171847.25	Up	0.145507944724499	Acyl-coenzyme A thioesterase THEM4 OS=Mus musculus GN=Them4 PE=1 SV=1
ATAT1	Q8K341-3	2	2	33471.5	34362.5	55821.5	20689	28742	28087.5	31019	34164.5	68270.5	35099.5	0.629466847	0.201027139	34617.3	39328.2	Up	0.184070952243121	Isoform 3 of Alpha-tubulin N-acetyltransferase 1 OS=Mus musculus GN=Atat1
MRPS31	Q61733	1	1	141196	156436	118859	94631	159237	128333	135932	68239	157438	NA	0.629794046	0.20080145	134071.8	122485.5	Down	-0.130394848668051	28S ribosomal protein S31, mitochondrial OS=Mus musculus GN=Mrps31 PE=2 SV=1
SLC25A31	Q3V132	3	3	121677	272569	47285	589993	223009.33	413782.33	346942.33	41722.33	112494	31310.67	0.629820502	0.200783206	250906.67	189250.33	Down	-0.406854969151388	ADP/ATP translocase 4 OS=Mus musculus GN=Slc25a31 PE=2 SV=1
PRDX6	O08709	7	7	72283.57	62753.71	94982.86	65997.71	58173.43	59373.57	53845.57	80805.14	56295.43	81632.57	0.630599096	0.200246656	70838.256	66390.456	Down	-0.093552833163117	Peroxiredoxin-6 OS=Mus musculus GN=Prdx6 PE=1 SV=3
CDC42SE2	Q8BGH7	3	3	18655.67	17171.33	18959.67	12488.33	16559.67	17495.67	21533.67	9980	25027.33	16853	0.630995523	0.199973722	16766.934	18177.934	Up	0.116569338445241	CDC42 small effector protein 2 OS=Mus musculus GN=Cdc42se2 PE=1 SV=1
ATP6V1H	Q8BVE3	11	11	14927.09	20233	27279.82	39718.82	20327	32600.18	27410.91	13145.27	26453.09	6724	0.631197138	0.199834979	24497.146	21266.69	Down	-0.204018174025241	V-type proton ATPase subunit H OS=Mus musculus GN=Atp6v1h PE=1 SV=1
EIF4E	P63073	2	2	47202.5	30458.5	60674	59533	38124	50729.5	34248	34319.5	34438	134052.5	0.632131748	0.199192397	47198.4	57557.5	Up	0.286265976389359	Eukaryotic translation initiation factor 4E OS=Mus musculus GN=Eif4e PE=1 SV=1
NRGN	P60761	5	5	277099.2	252272.6	355385.2	46421.8	235058.4	143797	163326	381422.8	387127.2	271320	0.632133843	0.199190958	233247.44	269398.6	Up	0.207881106569591	Neurogranin OS=Mus musculus GN=Nrgn PE=1 SV=1
CCDC115	Q8VEI9	1	1	11964	11248	6960	12916	12043	14638	10836	4039	13117	6896	0.632189623	0.199152637	11026.2	9905.2	Down	-0.154677664694115	Coiled-coil domain-containing protein 115 OS=Mus musculus GN=Ccdc115 PE=2 SV=1
CARMIL2	Q3V3V9	6	6	8689.33	9320.33	2510	10169.83	10513.83	14253.17	10603.83	839.17	14502.33	NA	0.632638921	0.198844093	8240.664	10049.625	Up	0.286309174649911	Leucine-rich repeat-containing protein 16C OS=Mus musculus GN=Rltpr PE=2 SV=2
RPL17	Q9CPR4	6	6	210014.5	226638.67	209562.67	249725.67	204214.83	207812.33	238446.5	270051.33	231438.5	51705.5	0.632690282	0.198808836	220031.27	199890.83	Down	-0.138496251150098	60S ribosomal protein L17 OS=Mus musculus GN=Rpl17 PE=2 SV=3
CACNB1	Q8R325-2	10	10	37410.25	36936.12	36083.88	22232.12	39266.75	38638.25	40763.12	28759.75	46470	28831.38	0.632713586	0.19879284	34385.824	36692.5	Up	0.093671286419045 2	Isoform 2 of Voltage-dependent L-type calcium channel subunit beta-1 OS=Mus musculus GN=Cacnb1
ACO2	Q99KI0	131	131	132727.5	123975.3	107560.36	126214.58	137431.15	138430.12	135122.93	113158.29	127599.04	86627.04	0.632885487	0.198674863	125581.78	120187.48	Down	-0.063340477839829	Aconitate hydratase, mitochondr

TTC9B	Q9D6E4	4	4	31175.75	36731.75	35347.25	25814.5	34439.25	35586.25	34859	55708.25	42704	12900	0.636557737	0.196162199	32701.7	36351.5	Up	0.152649260143762	Tetratricopeptide repeat protein 9B OS=Mus musculus GN=Ttc9b PE=2 SV=1
APBA1	B2RUJ5-2	1	1	4249	5937	NA	11427	4128	7440	5871	NA	2658	NA	0.63734738	0.195623795	6435.25	5323	Down	-0.273756629852245	Isoform 2 of Amyloid beta A4 precursor protein-binding family A member 1 OS=Mus musculus GN=Apba1
GNG4	P50153	4	4	25578.25	38559.5	34259.25	59791.75	39190.25	47492.25	52131.25	41433	46652	27058	0.638174041	0.195060865	39475.8	42953.3	Up	0.121800471020294	Guanine nucleotide-binding protein G(i)/G(s)/G(o) subunit gamma-4 OS=Mus musculus GN=Gng4 PE=2 SV=1
ACOX1	Q9R0H0	5	5	19777.2	24266	10104.6	18604.4	32407	26326.8	35306.2	10205.4	24895.4	NA	0.638479418	0.194853098	21031.84	24183.45	Up	0.201445001699995	Peroxisomal acyl-coenzyme A oxidase 1 OS=Mus musculus GN=Acox1 PE=1 SV=5
SBF1	Q6ZPK2	6	6	10264.37	18089.83	19441.83	32360.33	21234	27645.83	28715.17	9893.17	16774	3513.83	0.638678766	0.194717522	20278.032	17308.4	Down	-0.228445237192471	Myotubularin-related protein 5 OS=Mus musculus GN=Sbf1 PE=1 SV=2
RPS3	P62908	12	12	54201.58	72371	63198.08	59791.33	69729.08	67876.17	74726.75	54173.42	76083.75	18433.92	0.638895083	0.194570455	63858.214	58258.802	Down	-0.132396168828481	40S ribosomal protein S3 OS=Mus musculus GN=Rps3 PE=1 SV=1
CRY2	P47199	2	2	57718.5	71160	65762	56235	61861.5	55319	52787	94202	81220	51866	0.640735459	0.193321241	62547.4	67078.8	Up	0.100906955167833	Quinone oxidoreductase OS=Mus musculus GN=Cryz PE=1 SV=1
DYNLL2	Q9D0M5	2	2	801.5	1197	NA	2900.5	905	1713	1132	NA	2426	NA	0.64095641	0.193171505	1451	1757	Up	0.276066671941632	Dynein light chain 2, cytoplasmic OS=Mus musculus GN=Dynll2 PE=1 SV=1
UBE2O	Q6ZPJ3	11	11	16281.1	25904.4	19824.6	34644.4	26523.1	34237.2	37329.4	25102	23693.9	15104.7	0.641233509	0.19298379	24635.52	27093.44	Up	0.137203657285006	Ubiquitin-conjugating enzyme E2 O OS=Mus musculus GN=Ube2o PE=1 SV=3
ABI1	Q8CBW3-5	16	16	97348.06	93933.69	68092	107909.44	96453.44	103362.81	98336.69	77635.44	100655.12	56863.81	0.641331965	0.192917114	92747.326	87370.774	Down	-0.086154916894099	Isoform 5 of Abl interactor 1 OS=Mus musculus GN=Abi1
TTBK1	Q6PCN3	3	3	10982.33	11808	NA	11006.67	10441.33	11217	12099.33	NA	7608.67	NA	0.642020065	0.192451398	11059.583	10308.333	Down	-0.10148583028359	Tau-tubulin kinase 1 OS=Mus musculus GN=Ttbk1 PE=2 SV=3
GNL1	P36916	1	1	16735	28085	13246	119461	45581	89268	51346	NA	31317	NA	0.642262075	0.192287722	44621.6	57310.333	Up	0.361053042074248	Guanine nucleotide-binding protein-like 1 OS=Mus musculus GN=Gnl1 PE=2 SV=4
PCX	Q05920	11	11	41371.3	46130.9	40241.7	53321.4	44953.2	56734.2	46108.1	46305.7	50086.6	36500.2	0.642527139	0.192108524	45203.7	47146.96	Up	0.060723885459000	Pyruvate carboxylase, mitochondrial OS=Mus musculus GN=Pc PE=1 SV=1
HCCS	P53702	3	3	18081	15570	19897.33	23144.67	12818.33	17559	19219	5872.67	17935.33	21117.33	0.64276591	0.191947164	17902.266	16340.666	Down	-0.131675424928469	Cytochrome c-type heme lyase OS=Mus musculus GN=Hccs PE=1 SV=2
PFKL	P12382	7	7	14218	25803.57	6392.71	69240.71	29001.29	41978.29	42478.71	5011.71	18109.57	3734.57	0.642833743	0.191901335	28931.256	22262.57	Down	-0.378008809127914	6-phosphofructokinase, liver type OS=Mus musculus GN=Pfkl PE=1 SV=4
GNG2	P63213	4	4	48197.5	85676.25	45304.5	302848.5	59710.75	134009.75	101246	27176.5	64609.75	NA	0.642917932	0.191844461	108347.5	81760.5	Down	-0.406189941101434	Guanine nucleotide-binding protein G(i)/G(s)/G(O) subunit gamma-2 OS=Mus musculus GN=Gng2 PE=2 SV=2
TBCD	Q8BYA0	3	3	1871	2516.33	971.33	11807.33	5779.67	8847.33	8094	1876.67	4496	NA	0.643053606	0.191752822	4589.132	5828.5	Up	0.344903340368374	Tubulin-specific chaperone D OS=Mus musculus GN=Tbcd PE=2 SV=1
SGIP1	Q8VD37-4	16	16	60884.2	60763.93	66944.73	46920.67	59939.67	50746.6	55258.93	55645.47	62780.87	61439	0.643142067	0.191693083	59090.64	57174.174	Down	-0.0475660065149	Isoform 4 of SH3-containing GRB2-like protein 3-interacting protein 1 OS=Mus musculus GN=Sgip1
SHTN1	Q8K2Q9	3	3	3764.67	5419	4483.67	9537.67	4666.67	9535.33	6325	1365.33	9351	NA	0.643521963	0.191436626	5574.336	6644.165	Up	0.253287936083229	Shootin-1 OS=Mus musculus GN=Kiaa1598 PE=1 SV=1
PPP2R2B	Q62WR4-3	1	1	18385	21927	7519	75236	18506	34422	18982	NA	11445	NA	0.644200856	0.190978703	28314.6	21616.333	Down	-0.389424322097103	Isoform 3 of Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform OS=Mus musculus GN=Ppp2r2b
GRHPR	Q91Z53	4	4	30553	48601	20350.5	58924	45907	46547.5	45724	NA	40821.5	NA	0.644373726	0.190862176	40867.1	44364.333	Up	0.118460418292204	Glyoxylate reductase/hydroxypyruvate reductase OS=Mus musculus GN=Grhpr PE=1 SV=1
MICU1	Q8VCX5-3	3	3	8570.67	10822	5388.67	16150.67	13766	15769.33	13357.67	NA	8069	NA	0.644380067	0.190857902	10939.602	12398.667	Up	0.180624732211397	Isoform 3 of Calcium uptake protein 1, mitochondrial OS=Mus musculus GN=Micu1
STAU2	Q8CJ67-3	2	2	13972.5	9365.5	4575	20705	15040	22369.5	18750.5	3819	15453.5	NA	0.644521857	0.19076235	12731.6	15098.125	Up	0.245955659465	Isoform 3 of Double-stranded RNA-binding protein Staufen homolog 2 OS=Mus musculus GN=Stau2
SH3GLB2	Q8R3V5	17	17	57792.47	59550.24	57020.71	76207.35	68230.82	75786.94	68420	63262.47	59023.29	32147.18	0.645064257	0.190397022	63760.318	59727.976	Down	-0.094251990636589	Endophilin-B2 OS=Mus musculus GN=Sh3glb2 PE=2 SV=2
RBFOX3	Q8BIF2-3	2	2	11974	10742	13861.5	20025	16585.5	18911	10207	5381.5	17089	NA	0.645735089	0.189945613	14637.6	12897.125	Down	-0.182629527908051	Isoform 3 of RNA binding protein fox-1 homolog 3 OS=Mus musculus GN=Rbfox3
PSMC2	P46471	13	13	18507.92	20337.69	16236	25486.85	21294.77	22847.31	22064.08	15457.31	24643.46	8857.15	0.645793903	0.189906059	20372.646	18773.862	Down	-0.117907910045158	26S protease regulatory subunit 7 OS=Mus musculus GN=Psmc2 PE=1 SV=5
WASF1	Q8R5H6	25	25	36924.91	41472	30127.39	40976.52	42013.22	41324.13	43441.91	30967.17	46806.83	13124.57	0.646222542	0.189617897	38302.808	35132.922	Down	-0.124626590510688	Wiskott-Aldrich syndrome protein family member 1 OS=Mus musculus GN=Wasf1 PE=1 SV=2
SPRED2	Q9Z457	2	2	1658	NA	NA	76	4288	6233	6025	NA	1235	NA	0.646529298	0.189357719	3435.75	4497.3333	Up	0.388447540578005	Sprouty-related, EVH1 domain-containing protein 2 OS=Mus musculus GN=Spred2 PE=1 SV=1
CCDC50	Q81UU5	1	1	17292	18726	3443	17071	18019	17922	17334	13065	17337	NA	0.646733015	0.189274968	14910.2	16414.5	Up	0.138671195292043	Coiled-coil domain-containing protein 50 OS=Mus musculus GN=Ccdc50 PE=1 SV=1
ABI1	Q8CBW3-3	17	17	91788.12	88408.18	64086.59	101822.35	91024.76	97617.94	92850.06	73068.65	95048.94	53518.88	0.647515706	0.188749693	87426	82420.894	Down	-0.085052280604244	Isoform 3 of Abl interactor 1 OS=Mus musculus GN=Abi1
NDUFS6	P52503	18	18	179476.67	156173.06	170818.89	88085.83	167199.44	116799.22	135960.72	130954.11	165569.89	166459.17	0.647586702	0.188702078	152350.78	143148.62	Down	-0.089883084857971	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial OS=Mus musculus GN=Ndufs6 PE=1 SV=2
PCBP1	P60335	29	29	51977.5	55349.07	41653.07	67477.46	53229.71	59577.71	59985.89	48262.25	58965.32	54167.75	0.647735363	0.188602392	53937.362	56191.784	Up	0.059074241180725 3	Poly(rC)-binding protein 1 OS=Mus musculus GN=Pcbp1 PE=1 SV=1
APP	P12023-3	14	14	60651.36	76203.71	34932.36	59677.64	62827.57	60723.14	76363.21	37194.21	71993.71	16694.36	0.648253209	0.188523386	58858.528	52593.726	Down	-0.162360754095506	Isoform APP751 of Amyloid beta A4 protein OS=Mus musculus GN=App
FNBP1	Q8DTY0-5	3	3	47648.67	64565.33	57909.33	58191.33	50534.67	65031.33	59430.67	48405.67	64101	20483.67	0.648086995	0.188366694	55769.866	51490.468	Down	-0.115180421636188	Isoform 5 of Formin-binding protein 1 OS=Mus musculus GN=Fnbp1
NAV1	Q8CH77-2	11	11	16335.5	17720.4	12565.7	19455.8	19977.7	19976	22508.4	5346.5	24170.9	3153	0.648735435	0.18793238	17210.16	14950.96	Down	-0.203023287220074	Isoform 2 of Neuron navigator 1 OS=Mus musculus GN=Nav1
CRIP2	Q9DCT8	25	25	79732.68	64876.2	67403.8	58974.72	76485.84	65753.6	75751.8	63585.12	88734.6	67752.48	0.649432127	0.187540371	69494.648	72315.52	Up	0.057403428834607 7	Cysteine-rich protein 2 OS=Mus musculus GN=Crip2 PE=1 SV=1
BCL7A	Q9CXE2	1	1	17314	13614	27097	6320	9827	10767	9324	32805	18863	NA	0.649473449	0.187438598	14834.4	17939.75	Up	0.274213209680734	B-cell CLL/lymphoma 7 protein family member A OS=Mus musculus GN=Bcl7a PE=2 SV=1
MRPS17	Q9CQE3	1	1	75033	59452	79443	28590	60705	47984	54099	89122	76262	NA	0.649732955	0.187265105	60644.6	66866.75	Up	0.140909809464123	28S ribosomal protein S17, mitochondrial OS=Mus musculus GN=Mrps17 PE=2 SV=1
KCNAB2	P62482	3	3	17923.67	13009	30949.67	23369.67	28874.33	29773	27538.67	17199.67	24106	24878.67	0.650947862	0.186453795	22825.268	24699.202	Up	0.113832631379063	Voltage-gated potassium channel subunit beta-2 OS=Mus musculus GN=Kcnab2 PE=2 SV=1
AUH	Q9JLZ3-3	2	2	162394.5	131175.5	70981.5	169848	153625.5	171495	151237.5	95181.5	151176	52177	0.651184261	0.186296105	137605	124253.4	Down	-0.147247563177648	Isoform 3 of Methylglutaconyl-CoA hydratase, mitochondrial OS=Mus musculus GN=Auh
NARS	Q8BP47	1	1	74880	93427	NA	292844	67501	147324	160114	60543	41862	NA	0.651356042	0.186181554	132163	102460.75	Down	-0.367246983033631	Asparagine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Nars PE=1 SV=2
SNCA	O55042-2	39	39	120569.82	106685.21	100131.23	165937.95	104825	133340.49	114674.13	113512.62	132251.41	63177.72	0.651559237	0.186046094	119629.85	111391.27	Down	-0.102941145541034	Isoform 2 of Alpha-synuclein OS=Mus musculus GN=Snca
VAMP1	Q62442	1	1	11866	15905	NA	20972	29426	40253	36763	NA	19276	NA	0.651694659	0.185955838	26897.25	32097.333	Up	0.254994764482502	Vesicle-associated membrane protein 1 OS=Mus musculus GN=Vamp1 PE=1 SV=1
OMG	Q63912	4	4	62959.75	79210	39192.5	136644.25	78608.75	108477.25	111652.5	76862.75	83765.25	60224.25	0.651897681	0.185820564	79323.05	88196.4	Up	0.152979618289089	Oligodendrocyte-myelin glycoprotein OS=Mus musculus GN=Omg PE=1 SV=1
RALY	Q64012	1	1	200024	133336	108420	60401	156665	87432	114469	58120	131101	191769	0.652158897	0.185646576	131769.2	116578.2	Down	-0.176715159972387	RNA-binding protein Raly OS=Mus musculus GN=Raly PE=1 SV=3
PRKRA	Q9WTX2	1	1	16781	22214	11248	44000	13871	25946	32390	NA	17024	NA	0.652397078	0.185487993	21622.8	25120	Up	0.216283110233904	Interferon-inducible double-stranded RNA-dependent protein kinase activator A OS=Mus musculus GN=Prkra PE=1 SV=1
PSAT1	Q99K85	3	3	126839.33	143779	140983	138614.67	156623.33	163976.33	187187.67	143278.67	136599.33	109159	0.653151181	0.184986283	141367.87	148040.2	Up	0.06653476804365	Phosphoserine aminotransferase OS=Mus musculus GN=Psat1 PE=1 SV=1
ARHGEF6	Q8K4I3	1	1	66607	91160	42121	226707	94487	134623	94350	41790	75570	NA	0.653446364	0.184790054	104216.4	86583.25	Down	-0.2674224653104	Rho guanine nucleotide exchange factor 6 OS=Mus musculus GN=Arhgef6 PE=1 SV=1
RPL10	Q6ZWV3	24	24	62957	67014	60378.41	47261.86	63043.23	52342.91	66811.59	51752.09	70380.41	45712.5	0.653466889	0.184776412	60130.9	57399.9	Down	-0.067058328518995 6	60S ribosomal protein L10 OS=Mus musculus GN=Rpl10 PE=1 SV=3
SEPT3	Q9Z1S5-2	40	40	52591.08	53411.21	50767.49	64915.72	57014.05	59256.15	57482.95	38263.62	58714.95	54056.49	0.653880818	0.184501403	55739.91	53554.832	Down	-0.057693924587740 5	Isoform 2 of Neuronal-specific septin-3 OS=Mus musculus GN=Sept3
PSMA1	Q9R1P4	29	29	89051.21	83823.45	73518.34	62756.34	76947.21	76245.45	87963	74289.59	107384.45	61274.76	0.653934886	0.184465494	77219.31	81431.45	Up	0.076624428731728	Proteasome subunit alpha type-1 OS=Mus musculus GN=Psma1 PE=1 SV=1
PLCB1	Q9Z1B3-2	14	14	26653.42	32100.75	21158.33	43847.33	31184.92	38621.25	36976	20878.67	27662.5	17726.08	0.653982382	0.184433951	30988.95	28372.9	Down	-0.127240256542357	Isoform B of 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1 OS=Mus musculus GN=Plcb1
SH3GLB2	Q8R3V5-3	16	16	60806.31	62791	60584.5	80165.12	71945.44	79845.94	72162.56	67216.38	62386.69	34156.38	0.654047987	0.184390386	67258.474	63153.59	Down	-0.090851299394044 8	Isoform 3 of Endophilin-B2 OS=Mus musculus GN=Sh3glb2
RPS6	P62754	25	25	115956.28	128131.28	144244.04	115858.08	116732.8	106305.92	122777.64	113017.2	143400.72	115807.68	0.654123203	0.184340445	124184.5	120261.83	Down	-0.046306228365170 2	40S ribosomal protein S6 OS=Mus musculus GN=Rps6 PE=1 SV=1
MAGI3	Q9EQJ9	1	1	9461	10360	6300	18208	12324	14156	10985	NA	11954	NA	0.65451797	0.184078425	11330.6	12365	Up	0.126037980148839	Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 3 OS=Mus musculus GN=Magi3 PE=1 SV=2
NDUFC2	Q9CQS4	1	1	26736	29213	47031	29076	32225	30499	29904	49698	32524	NA	0.655042127	0.183730769	32856.2	35656.25	Up	0.117989347070995	NADH dehydrogenase [ubiquinone] 1 subunit C2 OS=Mus musculus GN=Ndufc2 PE=1 SV=1
EEF1A2	P62631	41	41	102186.34	99937.88	111564.27	137654.51	98285.46	111110.85	106838.54	94627.93	101260.66	116487.95	0.655605403	0.183357476	109925.69	106065.19	Down	-0.051577419667304	Elongation factor 1-alpha 2 OS=Mus musculus GN=Eef1a2 PE=1 SV=1
SETD7	Q8VHL1	3	3	42592.67	53955.33	74613.33	45009.33	60680.33	57591	66453.33	34981.67	45648.33	NA	0.655843118	0.183200034	55370.198	51168.583	Down	-0.113851413279168	Histone lysine N-methyltransferase SETD7 OS=Mus musculus GN=Setd7 PE=2 SV=2
GGT7	Q99JP7	4	4	12068.5	13432.75	5092.25	25415.75	12588.5	15225	16986	8525.5	16020.25	1698.75	0.656108902	0.18302407	13719.55	11691.1	Down	-0.230822484512522	Gamma-glutamyltransferase 7 OS=Mus musculus GN=Ggt7 PE=2 SV=2
PCMT1	P23506	16	16	120697.06	101313.81	102848.69	114513.88	111000.12	110746.44	114106.12	131289.88	123888.69	89124.06	0.656506418	0.182761024	110074.71	113831.04	Up	0.048410917417888 5	Protein-L-isoaspartate(D-aspartate) O-methyltransferase OS=Mus musculus GN=Pcmt1 PE=1 SV=3
EDC4	Q3UJB9	1	1	4104	12247	NA	42952	18634	28071	38145	NA	9180	NA	0.656543065	0.182736781	19484.25	25132	Up	0.367217085745405	Enhancer of mRNA-decapping protein 4 OS=Mus musculus GN=Edc4 PE=1 SV=2
ELAVL3	Q60900-2	1	1	113621	141996	87317	113943	103439	105812	140819	170084	130647	60753	0.656843537	0.182538069	112063.2	121623	Up	0.118103486271274	Isoform HuC-S of ELAV-like protein 3 OS=Mus musculus GN=Elavl3
PPP1R9B	Q6R891-2	22	22	30852.18	33397.09	15332.55	46040.27	37302.95	38520.55	42773.59	20578.23	35156	6564.91	0.656857918	0.182528561	32585.008	28718.656	Down	-0.182220114877153	Isoform 2 of Neurabin-2 OS=Mus musculus GN=Ppp1r9b
EIF4G2	Q62448	1	1	2092	2732	NA	30756	1963	7960	7175	NA	2332	NA	0.657249358	0.18226983	9385.75	5822.3333	Down	-0.688874595780902	Eukaryotic translation initiation factor 4 gamma 2 OS=Mus musculus GN=Eif4g2 PE=1 SV=2
NPM1	Q61937	15	15	40311.6	42342.13	51451.27	26252.53	33185.13	26548.6	32592.67	59490.07	44958	46504.87	0.657257245	0.182264618	38708.332	42018.842	Up	0.118932262152756	Nucleophosmin OS=Mus musculus GN=Npm1 PE=1 SV=1
NOL4L	Q6DIB4	2	2	10918.5	13387	17519	6325	18079	12078	14233	19781	13604	NA	0.657527075	0.182086359	16879	14979	Down	-0.172288122129588	Uncharacterized protein C20orf112 homolog OS=Mus musculus PE=2 SV=1
PURA	P42669	32	32	49268.58	55342.85	53063.08	56592.65	54729.19	53896.46	53265.08	76249.81	58983	40620.19	0.657697321	0.181973927	53799.27	56602.908	Up	0.073289577024973	Transcriptional activator protein Pur-alpha OS=Mus musculus GN=Pura PE=1 SV=1
PIP4K2B	Q80XI4	5	5	33903.4	39841	41877.4	31445.8	33181.2	33778.2	40607.2	68952.4	43562.8	14643.2	0.657952391	0.181805531	36049.76	40308.76	Up	0.161103748095104	Phosphatidylinositol 5-phosphate 4-kinase type-2 beta OS=Mus musculus GN=Pip4k2b PE=1 SV=1
ACTR3	Q99JY9	9	9	41482.78	47702.89	55291.11	71189.67	57078.44	62659.78	65362.67	29705.22	45393.78	50852	0.658026493	0.181756621	54548.978	50794.69	Down	-0.102874479527665	Actin-related protein 3 OS=Mus musculus GN=Actr3 PE=1 SV=3
PPP1R18	Q8BQ30	1	1	NA	2085	NA	3890	2394	3381	2711	NA	3163	NA	0.658092483	0.18171307	2789.6667	3085	Up	0.145177742616557	Phostensin OS=Mus musculus GN=Ppp1r18 PE=1 SV=1
SRSF1	Q6PDM2-3	2	2	5812	4536	1788.5	11263	4186	7319	4752.5	1881	4547	NA	0.658258304	0.181603654	5517.1	4624.875	Down	-0.254495756881531	Isoform 3 of Serine/arginine-rich splicing factor 1 OS=Mus musculus GN=Srsf1
HK1	P17710-4	42	42	59084.76	90549.33	69542.21	140381.52	94768.52	124092.14	137236.93	65234.26	85967.12	86206.88	0.658582757	0.181389644	90865.268	99747.466	Up	0.13455124192215	Isoform HK1-SC of Hexokinase-1 OS=Mus musculus GN=Hk1
STX12	Q9ERR0	8	8	44975.62	56765.5	66530.5	66854.25	60553.38	72062.62	82383.62	43144	84460	38341.75	0.658829784	0.181226775	59135.85	64078.398	Up	0.115805077492228	Syntaxin-12 OS=Mus musculus GN=Stx12 PE=1 SV=1
RGS6	Q9Z2H2	2	2	5639	5569	NA	4258	4722	5726	5540	NA	4569	NA	0.658898987	0.18118116	5047	5278.3333	Up	0.064656374859693	Regulator of G-protein signaling 6 OS=Mus musculus GN=Rgs6 PE=1 SV=2
ICA1L	Q3TY65	1	1	4934	5542	9683	9643	6976	9779	5788	NA	8695	NA	0.659121671	0.181034409	7355.6	8087.3333	Up	0.136821048192744	Islet cell autoantigen 1-like protein OS=Mus musculus GN=Ica1l PE=2 SV=1
NDUFV3	Q8BK30	1	1	28368	11418	30998	29149	19845	19753	18937	25550	24098	NA	0.659333078	0.180895135	23955.6	22084.5	Down	-0.117328778467133	NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial OS=Mus musculus GN=Ndufv3 PE=2 SV=1
ARHGEF7	Q9ES28-7	9	9	31612.86	40963.43	31283.43	59542.71	45201.14	50473.43	47386.86	19908.29	40995.29	32503	0.659865027	0.180544889	41720.714	38253.374	Down	-0.125176846968232	Isoform G of Rho guanine nucleotide exchange factor 7 OS=Mus musculus GN=Arhgef7
CLVS2	Q8BG92	1	1	5830	6288	NA	6930	4777	6627	5570	NA	4633	NA	0.660249023	0.180292233	5956.25	5610	Down	-0.086403538185114	Clavesin-2 OS=Mus musculus GN=Clvs2 PE=2 SV=1
FBXL17	Q9QZN1	1	1	1819	8723	4694	12859	9375	9975	11793	NA	4719	NA	0.660678962	0.180009522	7494	8829	Up	0.236514065332438	F-box/LRR-repeat protein 17 OS=Mus musculus GN=Fbxl17 PE=2 SV=3
ZADH2	Q8BGC4	3	3	22344	23795.33	26030	28010	26854	27863	28238.33	20094	29045	26188.67	0.660839067	0.179904291	25406.666	26285.8	Up	0.049076573973779	Zinc-binding alcohol dehydrogenase domain-containing protein 2 OS=Mus musculus GN=Zadh2 PE=1 SV=1
ATP1A4	Q9WV27	18	18	76801.41	191768	97311.88	204980.82	189278	197673.59	294266.47	121426.59	118497.35	126947.71	0.661239958	0.179640911	152028.02	171762.34	Up	0.176076500182772	Sodium/potassium-transporting ATPase subunit alpha-4 OS=Mus musculus GN=Atp1a4 PE=1 SV=3
PPP3CA	P63328-2	15	15	20912.69	27800.31	28173.38	64075.46	28874.92	41812.92	39481.38	27144.62	33311.62	5085.85	0.66127598	0.179617252	33967.352	29367.278	Down	-0.209939203060406	Isoform 2 of Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform OS=Mus musculus GN=Ppp3ca
BAG2	Q91YN9	2	2	10070	12942.5	11193.5	10392.5	10940.5	10578.5	12570	8719.5	11221.5	15201	0.66132542	0.179584783	11107.8	11658.1	Up	0.069759575602847 5	BAG family molecular chaperone regulator 2 OS=Mus musculus GN=Bag2 PE=1 SV=1
KAZN	Q69ZS8-3	8	8	11142.29	12761.57	6629.71	13742.14	12025.71	11498.86	10954.14	10952.43	12727.14	6462.14	0.661553511	0.179435021	11260.284	10518.942	Down	-0.098253609649688 1	Isoform 3 of Kazrin OS=Mus musculus GN=Kazn
TOMM20	Q9DCC8	4	4	8515.25	8691.25	9304.5	13149.5	9805	12078	10628.5	4032.75	11325.5	7473.5	0.66214621	0.179046102	9893.1	9107.65	Down	-0.119343809020685	Mitochondrial import receptor subunit TOM20 homolog OS=Mus musculus GN=Tomm20 PE=1 SV=1
ARHGEF7	Q9ES28-5	7	7	35063.67	45576.17	34423.5	67634.17	51268.5	57109.33	52815.67	22300.17	45937.67	35993.17	0.662387537	0.178887847	46793.202	42831.202	Down	-0.127636788794045	Isoform E of Rho guanine nucleotide exchange factor 7 OS=Mus musculus GN=Arhgef7
ARVCF	P98203-3	6	6	16515.33	21416.67	15920.33	15250	23949.67	25112.67	27565.33	4912.33	28050.67	NA	0.662928721	0.178533165	18664.4	21410.25	Up	0.198012510252591	Isoform 3 of Armadillo repeat protein deleted in velo-cardio-facial syndrome homolog OS=Mus musculus GN=Arvcf
DBN1	Q9QXS6-2	37	37	42634.26	46599.2	49450.57	43484.74	43492.43	40034.77	49978.43	43710.49	50771.86	46549.71	0.663189485	0.178362368	45132.24	46209.052	Up	0.034017108193314 2	Isoform A2 of Drebrin OS=Mus musculus GN=Dbn1
DOCK7	Q8R1A4	1	1	7070	30523	13726	45675	31522	38523	57354	5051	25802	NA	0.663314452	0.178280496	25703.2	31682.5	Up	0.301738196549326	Dedicator of cytokinesis protein 7 OS=Mus musculus GN=Dock7 PE=1 SV=3
DPH2	Q9CR25	1	1	5021	5562	11003	6028	4958	7793	5384	4790	8634	9229	0.664013038	0.177823393	6514.4	7166	Up	0.137535736111579	Diphthamide biosynthesis protein 2 OS=Mus musculus GN=Dph2 PE=1 SV=1
CHORDC1	Q9D1P4	1	1	59763	53220	22821	76856	82040	75793	78237	NA	43843	NA	0.664146766	0.177735937	58940	65957.667	Up	0.162293302110142	Cysteine and histidine-rich domain-containing protein 1 OS=Mus musculus GN=Chordc1 PE=1 SV=1
PPTC7	Q6NVE9-2	4	4	20490.25	23753	10698	23803.75	22720	23129.5	26825	19391.5	17347.5	4500.75	0.664328222	0.177617298	20293	18238.85	Down	-0.153967393325717	Isoform 2 of Protein phosphatase PTC7

TMSB4X	P20065	1	1	95211	96291	155594	57064	74947	58987	61275	120655	77916	113583	0.670019189	0.173912759	95821.4	86483.2	Down	-0.147927986336586	Thymosin beta-4 OS=Mus musculus GN=Tmsb4x PE=1 SV=1
KYAT3	Q71RI9	2	2	992	NA	NA	5160	1271	3693	2639	NA	NA	NA	0.670240012	0.173769649	2474.3333	3166	Up	0.355621387354402	Kynurenine--oxoglutarate transaminase 3 OS=Mus musculus GN=Cctbl2 PE=1 SV=1
MTHFD1L	Q3V3R1	1	1	9456	13933	9537	33985	11147	22380	15149	NA	16283	NA	0.670450563	0.17363324	15611.6	17937.333	Up	0.200347023224998	Monofunctional C1-tetrahydrofolate synthase, mitochondrial OS=Mus musculus GN=Mthfd1l PE=1 SV=2
RPN1	Q91YQ5	7	7	17096	29259.14	6513.86	43688.57	32732.43	39358.43	48394.43	4043	32360.71	NA	0.670608502	0.173530945	25858	31039.143	Up	0.263478008103846	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 OS=Mus musculus GN=Rpn1 PE=1 SV=1
CPN6	Q9ZJ46	20	20	14159.45	19738.1	14666.75	3331.43	18985.95	22103.8	22849.25	26915.6	21224.9	16395.3	0.671047971	0.173246433	20173.01	21897.77	Up	0.118357594303873	Copine-6 OS=Mus musculus GN=Cpne6 PE=2 SV=1
GFER	P56213	4	4	33489.75	36313.25	39398.25	45764.5	53212.5	45827.75	40112.5	NA	44245.75	NA	0.67144257	0.172991128	41635.65	43395.333	Up	0.059720558884524	FAD-linked sulfhydryl oxidase ALR OS=Mus musculus GN=Gfer PE=2 SV=2
SERPINE2	Q07235	1	1	45793	61162	40239	65647	41741	52171	62411	45568	54656	NA	0.671531675	0.172933498	50916.4	53701.5	Up	0.076831968051242	Glia-derived nexin OS=Mus musculus GN=Serpine2 PE=2 SV=2
ARHGAP17	Q3UIA2-3	1	1	955	827	NA	1617	804	2489	451	NA	1118	NA	0.671667608	0.172845596	1050.75	1352.6667	Up	0.364386907883529	Isoform 3 of Rho GTPase-activating protein 17 OS=Mus musculus GN=Arhgap17
CRTC1	Q68ED7	6	6	67171.67	65201.5	56109.5	50864.83	64875.83	66373.67	65327.33	58571.33	92391.83	41326.33	0.671785209	0.172769563	60844.666	64798.098	Up	0.090820673337026	CREB-regulated transcription coactivator 1 OS=Mus musculus GN=Crtc1 PE=2 SV=1
POLR2F	P61219	1	1	4425	1093	3595	884	2377	2232	1018	NA	2230	7201	0.671946554	0.172665269	2474.8	3170.25	Up	0.357284674025674	DNA-directed RNA polymerases I, II, and III subunit RPABC2 OS=Mus musculus GN=Polr2f PE=2 SV=1
PTPRD	Q64487-3	2	2	5105.5	7205	1173.5	15934	10095	11968.5	11363	5818.5	7588.5	NA	0.671992417	0.172635628	7902.6	9184.625	Up	0.216893432395155	Isoform B of Receptor-type tyrosine-protein phosphatase delta OS=Mus musculus GN=Ptprd
PPTC7	Q6NVE9	6	6	19200.5	21135.67	9800.17	19976.17	21597.17	22233.83	22358	14399.17	18213	6389.67	0.672110546	0.17255929	18341.936	16718.734	Down	-0.13368031838449	Protein phosphatase PTC7 homolog OS=Mus musculus GN=Pptc7 PE=2 SV=1
GATC	Q8CBY0	2	2	58772	62794	57707.5	31309	58299	47198.5	53303.5	37963	51719.5	63232	0.67238329	0.172383088	53776.3	50683.3	Down	-0.085460034389089	Glutamyl-tRNA(Gln) amidotransferase subunit C, mitochondrial OS=Mus musculus GN=Gatc PE=2 SV=1
RAB21	P35282	1	1	9998	31676	NA	51815	29652	28106	34991	NA	15368	NA	0.672430049	0.172352887	30785.25	26155	Down	-0.235152514382332	Ras-related protein Rab-21 OS=Mus musculus GN=Rab21 PE=1 SV=4
PSMA2	P49722	5	5	66008.8	62494.8	70521.8	99014.4	46047.2	73685.8	59676.6	89564.4	64594.8	27136	0.6728684	0.172069867	68817.4	62931.52	Down	-0.128990597349594	Proteasome subunit alpha type-2 OS=Mus musculus GN=Psma2 PE=1 SV=3
ACTN1	Q7TPR4	34	34	11692.83	19423.2	11634.77	40915	19951.97	26469.07	26035.5	9661.27	18352.53	8646.47	0.673522485	0.171647901	20723.554	17832.968	Down	-0.216724604744124	Alpha-actinin-1 OS=Mus musculus GN=Actn1 PE=1 SV=1
OLFM1	O88998	6	6	25999	23659.83	19027.67	23650	21858.5	24497.67	21796.5	26207.5	25155.17	9007.83	0.673574313	0.171614483	22839	21332.934	Down	-0.098417085345009 7	Noelin OS=Mus musculus GN=Olfm1 PE=1 SV=1
RIMBP2	Q80U40	11	11	12890.6	13438.2	11747.4	13994.9	13732.8	15464.1	15013.3	4542.9	19038.1	5007.8	0.674211611	0.171203773	13160.78	11813.24	Down	-0.155840290960774	RIMS-binding protein 2 OS=Mus musculus GN=Rimbp2 PE=1 SV=3
FYN	P39688	2	2	21787.5	39429	38976.5	25225	31742	29723	33857	34099	26355.5	43004	0.674218192	0.171199534	31432	33407.7	Up	0.087946588817388 9	Tyrosine-protein kinase Fyn OS=Mus musculus GN=Fyn PE=1 SV=4
HNRNPA0	Q9CX86	4	4	50555.25	32429.5	50186	16064.25	32197	22082.25	32012.75	35471.75	40833	75447.25	0.674633408	0.170932156	36286.4	41169.4	Up	0.182143489979631	Heterogeneous nuclear ribonucleoprotein A0 OS=Mus musculus GN=Hnrnpa0 PE=1 SV=1
BRSK1	Q5RJI5	9	9	39675.89	51888.89	48406.22	41454.33	50071.89	53989.11	63076	23218.56	70701.67	40120.56	0.675675306	0.170261953	46299.444	50221.18	Up	0.117301058083847	Serine/threonine-protein kinase BRSK1 OS=Mus musculus GN=Brsk1 PE=1 SV=1
SH3GL1	Q62419	17	17	109599.5	115604.94	128723.81	77694.25	122718.75	98431.06	101321.69	102192.25	128103.25	154805.75	0.675882324	0.170128911	110868.25	116970.8	Up	0.077302156157592	Endophilin-A2 OS=Mus musculus GN=Sh3gl1 PE=1 SV=3
RTN3	Q9ES97-4	1	1	11600	15827	17234	32320	12079	23217	18770	NA	17018	NA	0.675961247	0.170078201	17812	19668.333	Up	0.143025193971157	Isoform 4 of Reticulon-3 OS=Mus musculus GN=Rtn3
RPL6	P47911	14	14	133609.21	156749.86	187644.64	139852.64	131113.93	145841.64	153296.14	184846.14	193688.79	110741.79	0.676549428	0.169700469	149794.06	157682.9	Up	0.074045837696589 4	60S ribosomal protein L6 OS=Mus musculus GN=Rpl6 PE=1 SV=3
DNM1L	Q8K1M6-4	14	14	18551.77	24580.77	23215.54	40408.23	26319.92	31342.92	32036.46	20203	22475.77	37615	0.676775866	0.169555137	26615.246	28734.63	Up	0.110537571160419	Isoform 4 of Dynamin-1-like protein OS=Mus musculus GN=Dnm1l
NRCAM	Q81DU4-3	27	27	51125.19	58959.11	53515.59	57358.78	57451.33	67988.33	65163.89	36919.04	62816.78	26344.19	0.676893456	0.169479685	55682	51846.446	Down	-0.10296593346007 3	Isoform 3 of Neuronal cell adhesion molecule OS=Mus musculus GN=Nrcam
MRPS16	Q9CPX7	1	1	49366	47589	55609	26162	41787	31393	40083	51297	37353	83320	0.677307868	0.169213879	44102.6	48689.2	Up	0.142738086116364	28S ribosomal protein S16, mitochondrial OS=Mus musculus GN=Mrps16 PE=2 SV=1
STX8	O88983	3	3	2375	2050	15603.5	5441	3440.5	4880.5	4615	19665.5	21962.5	NA	0.677886408	0.168971145	2962.8	3414.625	Up	0.204765564545502	Syntaxin-8 OS=Mus musculus GN=Stx8 PE=1 SV=1
SUMO3	Q9Z172-2	5	5	8012.25	8956.25	7420.5	11195.25	7325.5	10183.5	8890.25	19675.25	9695.75	1175.75	0.677917771	0.168822981	8581.95	9924.1	Up	0.20963077688467	Isoform 2 of Small ubiquitin-related modifier 3 OS=Mus musculus GN=Sumo3
APOA1BP	Q8K4Z3	4	4	20595.75	25065	46891.75	13391	18953.75	24518.5	24223	42728.75	28985	19628.75	0.677941669	0.168807672	24979.45	28016.8	Up	0.165550472719983	NAD(P)H-hydrate epimerase OS=Mus musculus GN=Apoa1bp PE=1 SV=1
ANK2	Q8C8R3	129	129	27813.39	38022.64	30864.71	61120.19	44767.01	51330.42	60105.98	27367.89	46946.4	34773.8	0.677991186	0.168775952	40517.588	44104.898	Up	0.122390587418607	Ankyrin-2 OS=Mus musculus GN=Ank2 PE=1 SV=2
FAM110B	Q8C739	1	1	7805	10100	4220	7186	7555	9510	7687	8829	5652	NA	0.678300606	0.168577795	7373.2	7919.5	Up	0.103118457212386	Protein FAM110B OS=Mus musculus GN=Fam110b PE=2 SV=1
CACNB1	Q8R3Z5-4	4	4	51862.5	55338.25	47309.5	26403.25	53275.75	50126.75	54597.25	37646.5	57592	47837.5	0.678552896	0.168416291	46837.85	49560	Up	0.081501334216835 7	Isoform 4 of Voltage-dependent L-type calcium channel subunit beta-1 OS=Mus musculus GN=Cacnb1
CLIC1	Q9Z1Q5	1	1	NA	731	NA	3399	744	1228	997	NA	1370	NA	0.679196907	0.168004301	1624.6667	1198.333	Down	-0.439114480396681	Chloride intracellular channel protein 1 OS=Mus musculus GN=Clic1 PE=1 SV=3
TOMM22	Q9CPQ3	2	2	NA	NA	NA	2389.429	407	744	978	NA	NA	NA	0.679283957	0.167948642	1418	861	Down	-0.719772389842672	Mitochondrial import receptor subunit TOM22 homolog OS=Mus musculus GN=Tomm22 PE=2 SV=3
ETFDH	Q921G7	4	4	11310.25	15191.5	2878	25008	13869.5	23160	14073	8238	17272	NA	0.679920829	0.167541654	13651.45	15685.75	Up	0.200400315668667	Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial OS=Mus musculus GN=Etfdh PE=1 SV=1
RABGAP1L	A6H6A9-3	3	3	26602.33	32551.33	26473.67	77687.67	30081.67	49652	45021	24187.67	40388.67	7353.33	0.68070219	0.167042852	38679.334	33320.534	Down	-0.215151432247016	Isoform 3 of Rab GTPase-activating protein 1-like OS=Mus musculus GN=Rabgap1l
HDDC2	Q3SXD3	1	1	53592	82929	47793	72578	69652	76894	61186	NA	68032	NA	0.681361875	0.16662217	65308.8	68704	Up	0.073116696253045 3	HD domain-containing protein 2 OS=Mus musculus GN=Hddc2 PE=2 SV=1
ITPKA	Q8R071	16	16	8312.38	7119.46	4999.38	7978.46	7962.92	9070.69	9050.15	2760.69	10086.31	8518.62	0.68164765	0.166440058	7274.52	7897.292	Up	0.118505977811195	Inositol-trisphosphate 3-kinase A OS=Mus musculus GN=Itpka PE=2 SV=1
MAP4K3	Q99JP0	1	1	NA	1526	NA	2373	2375	2670	2015	NA	2058	NA	0.682517712	0.165886074	2091.3333	2247.6667	Up	0.104005068484476	Mitogen-activated protein kinase kinase kinase kinase 3 OS=Mus musculus GN=Map4k3 PE=1 SV=4
MAP4	P27546-3	24	24	61055	58248.04	61636.38	63892.25	54873.83	57996	60396.71	65766.42	80451.5	47346.29	0.683200929	0.165451552	59941.1	62391.384	Up	0.057801252947921	Isoform 3 of Microtubule-associated protein 4 OS=Mus musculus GN=Map4
DLD	O08749	42	42	150014.73	150664.66	181062.39	147211.02	148081.9	147182.27	153173.41	154495.39	147485	199770.46	0.685181961	0.164194079	155406.94	160421.3	Up	0.045814831315473 1	Dihydrolipoyl dehydrogenase, mitochondrial OS=Mus musculus GN=Dld PE=1 SV=2
TXNRD2	Q9JLT4-3	5	5	42532.2	47980.4	53157.6	58330.2	18161.6	61641.6	50966.4	65700.8	59088.2	21425.8	0.685245501	0.164154118	48032.52	51764.56	Up	0.107953210833847	Isoform 3 of Thioredoxin reductase 2, mitochondrial OS=Mus musculus GN=Txnrd2
TMEM65	Q4VAE3	1	1	8638	25071	NA	59628	20345	49094	44209	NA	12475	NA	0.685581995	0.163940596	28420.5	35259.333	Up	0.311073261082289	Transmembrane protein 65 OS=Mus musculus GN=Tmem65 PE=2 SV=1
EIF3C	Q8R1B4	2	2	1514	6531	NA	9427	4716	7995	7148	NA	4118	NA	0.685688513	0.163873126	5547	6420.3333	Up	0.210940476224347	Eukaryotic translation initiation factor 3 subunit C OS=Mus musculus GN=Eif3c PE=1 SV=1
NHSL2	B1AXH1	8	8	12400	10805.14	7784.71	13394.57	13513.29	13526	11503.86	6867.43	16110.71	4951.57	0.686085071	0.163622031	11579.542	10591.914	Down	-0.128614878754056	NHS-like protein 2 OS=Mus musculus GN=Nhsl2 PE=2 SV=1
FARSA	Q8C0C7	5	5	9137.8	11297.6	4045.2	24263.8	8670.8	15650	10740	3430.6	8968.2	NA	0.686433097	0.163401785	11483.04	9697.2	Down	-0.243864484908426	Phenylalanine--tRNA ligase alpha subunit OS=Mus musculus GN=Farsa PE=2 SV=1
VAT1L	Q80TB8	3	3	25307.33	35375.67	13846	108839	45366.67	68547	62775.67	7132	39978.67	5954.33	0.688169669	0.162304473	45746.934	36877.534	Down	-0.310932869935718	Synaptic vesicle membrane protein VAT-1 homolog-like OS=Mus musculus GN=Vat1l PE=2 SV=2
MRPL43	Q99NB9	4	4	45845.5	42949.25	47505.5	22030.75	42150.25	42248.75	37681.75	69442.5	62053.25	12389.5	0.688274025	0.16223862	40096.25	44763.15	Up	0.158844247889084	39S ribosomal protein L43, mitochondrial OS=Mus musculus GN=Mrpl43 PE=2 SV=1
HIST1H1B	P43276	8	8	112248.62	59583.88	101444.5	29024.62	78567.38	50391.88	47279.62	82744.38	59765.5	102621.62	0.688619564	0.162020643	76177.8	68560.6	Down	-0.151990886670542	Histone H1.5 OS=Mus musculus GN=Hist1h1b PE=1 SV=2
COPR5	Q9CQ13	3	3	6055	6271	6724	2691	3814	4288	5287	2333	12686	NA	0.688950033	0.161812275	5111	6148.5	Up	0.266628899355725	Coordinator of PRMT5 and differentiation stimulator OS=Mus musculus GN=Copr5 PE=1 SV=1
GLDC	Q91W43	1	1	9312	12452	2207	31547	15062	20533	12643	8201	5240	NA	0.689104137	0.161715143	14116	11654.25	Down	-0.276475171269393	Glycine dehydrogenase (decarboxylating), mitochondrial OS=Mus musculus GN=Gldc PE=1 SV=1
FH1	P97807	24	24	51567	52306.62	48477.75	63200.58	49369.46	60504.71	50968.79	57592.12	52332.38	31516.25	0.689193644	0.161658737	52984.282	50582.85	Down	-0.066916116510958 8	Fumarate hydratase, mitochondrial OS=Mus musculus GN=Fh PE=1 SV=3
BCAS3	Q8CCN5	7	7	11066	12617	8460.43	16569.29	15407.14	15682.14	15703	3919.29	15755.14	6871.43	0.689402103	0.161527396	12823.972	11586.2	Down	-0.146435706595965	Breast carcinoma-amplified sequence 3 homolog OS=Mus musculus GN=Bcas3 PE=1 SV=2
RPS23	P62267	16	16	76714.88	89133.88	65845.44	128274.94	74744.81	104495.75	96589	97920	100095.38	63222.5	0.689520955	0.161452531	86942.79	92464.526	Up	0.088833589522676	40S ribosomal protein S23 OS=Mus musculus GN=Rps23 PE=1 SV=3
ATP5B	P56480	128	128	126953.44	137898.01	124896.12	122124.71	119094.68	135081.92	122360.61	171866.93	113589.07	112352.79	0.690026515	0.161134221	126193.39	131050.26	Up	0.054483893060304 2	ATP synthase subunit beta, mitochondrial OS=Mus musculus GN=Atp5b PE=1 SV=2
NDUFS4	Q9CXZ1	16	16	70546.44	66003.75	80906.5	43816	64915.44	55313.81	58515.12	67139.75	69555.62	61787.5	0.690378593	0.160912684	65237.626	62462.36	Down	-0.062717203902722	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial OS=Mus musculus GN=Ndufs4 PE=1 SV=3
PEPD	Q11136	1	1	1156	1402	1326	5662	2437	3539	2604	NA	2223	NA	0.690419924	0.160886684	2396.6	2788.667	Up	0.215863584722	Xaa-Pro dipeptidase OS=Mus musculus GN=Pepd PE=2 SV=3
ATP1B1	P14094	23	23	16723.96	32538.91	17060.35	159190.96	27094.43	76100.83	53996.13	18025.57	28605.26	13440.91	0.691029583	0.16050336	50521.722	38033.74	Down	-0.409624001737766	Sodium/potassium-transporting ATPase subunit beta-1 OS=Mus musculus GN=Atp1b1 PE=1 SV=1
HSP90B1	P08113	42	42	48459.56	61454.93	55826.78	59613.17	52064.41	55565.61	59352.98	61301.02	49848.93	42849.22	0.691879536	0.159969515	55483.77	53783.552	Down	-0.044900781405218 9	Endoplasmin OS=Mus musculus GN=Hsp90b1 PE=1 SV=2
ADCY5	P84309	5	5	14768.2	17712.2	6241	23061	15634.2	22188	19666.8	10567.8	15658.8	NA	0.692025567	0.15987786	15483.32	17020.35	Up	0.136545850838318	Adenylate cyclase type 5 OS=Mus musculus GN=Adcy5 PE=1 SV=2
UBE2V2	Q9D2M8-2	18	18	31236.94	32987.75	25631.75	17751.19	29126.06	28968.12	28505.5	23457	31256.56	16920.44	0.692501548	0.159579251	27346.738	25821.524	Down	-0.082794602556098	Isoform 2 of Ubiquitin-conjugating enzyme E2 variant 2 OS=Mus musculus GN=Ube2v2
MAP3K7	Q62073	3	3	5076	6571.33	3470	6124	7077.33	7391.33	8123.33	2304	7343.33	NA	0.693126823	0.159187294	5663.732	6290.4975	Up	0.151421120131674	Mitogen-activated protein kinase kinase kinase 7 OS=Mus musculus GN=Map3k7 PE=1 SV=1
PKM	P52480-2	80	80	136535.94	141978.8	132102.34	170360.3	155667.18	167597.53	169568.35	144260.59	133152.29	142642.62	0.693649239	0.158860086	147328.91	151444.28	Up	0.039746476607638 4	Isoform M1 of Pyruvate kinase PKM OS=Mus musculus GN=Pkm
CHCHD3	Q9CR89	26	26	100847.35	95548.08	56206.04	89666.85	96926.58	105232.58	95526.23	66788.85	113931.19	18175.5	0.694935046	0.158055786	87838.98	79930.87	Down	-0.136108509441067	Coiled-coil-helix-coiled-coil-helix domain-containing protein 3, mitochondrial OS=Mus musculus GN=Chchd3 PE=1 SV=1
TMOD2	Q9JKC7	19	19	108831.5	117833.19	103895.56	96023.44	100909.06	105437	104441.5	120227.38	101130.56	106299.06	0.694975204	0.158030691	105495.41	107523.1	Down	-0.027466338076239 7	Tropomodulin-2 OS=Mus musculus GN=Tmod2 PE=1 SV=2
LARS	Q8BMJ2	3	3	16739	25922	19730.33	59397.67	24599	36866.33	35403	11533.33	28595.67	15103.67	0.696652198	0.156983989	29277.6	25500.4	Down	-0.19927741666265	Leucine--tRNA ligase, cytoplasmic OS=Mus musculus GN=Lars PE=1 SV=2
GTPBP1	O08582	2	2	1418.5	2018	NA	7056.5	1635	3508	3046.5	NA	508.5	NA	0.696703549	0.156951977	3032	2354.3333	Down	-0.364951157728286	GTP-binding protein 1 OS=Mus musculus GN=Gtpbp1 PE=1 SV=2
CANX	P35564	10	10	24965.89	47327.11	48213	113531.44	43830.89	81019.22	72163.33	55144.89	44845.89	58351.67	0.697172558	0.156659716	55573.666	62305	Up	0.164946531758293	Calnexin OS=Mus musculus GN=Canx PE=1 SV=1
RCSD1	Q3UZA1	2	2	5772	4853	7213	4766	4829	6092	4389	6569	5979	NA	0.697371413	0.156535859	5486.6	5757.25	Up	0.069467460386946	CapZ-interacting protein OS=Mus musculus GN=Rcsd1 PE=1 SV=1
ADCYAP1R1	P70205	1	1	NA	26821	NA	83445	22142	48586	36967	NA	18997	NA	0.69753481	0.156434114	44136	34850	Down	-0.340797229489946	Pituitary adenylate cyclase-activating polypeptide type I receptor OS=Mus musculus GN=Adcyap1r1 PE=2 SV=1
PGP	Q8CHP8	24	24	39532.88	37865.83	40334.83	32995.96	40532.88	38015.08	38972.62	26448.33	45770.25	35029.08	0.697773396	0.156285242	38252.476	36847.072	Down	-0.054003511183751 3	Phosphoglycolate phosphatase OS=Mus musculus GN=Pgp PE=1 SV=1
SEPT3	Q9Z155	41	41	52469.1	53247.22	52365	63564.88	56842.22	58309.78	56673.03	39702.38	59335.65	55938.32	0.697843685	0.156241847	55697.684	53991.832	Down	-0.044876169426503 3	Neuronal-specific septin-3 OS=Mus musculus GN=Sept3 PE=1 SV=2
ENDOD1	Q8C522	5	5	12383	11274.5	8990	9819.5	13875	11266	8590	8686.75	8180	27502	0.69797087	0.156162702	11268.4	12844.95	Up	0.188918592645335	Endonuclease domain-containing 1 protein OS=Mus musculus GN=Endod1 PE=1 SV=2
ANK2	Q8C8R3-4	134	134	26655.99	36334.51	29710.35	58693.93	42887.8	49281.58	57572.02	25558.91	44862.37	33195.01	0.698537683	0.155810161	38856.516	42093.978	Up	0.115457304832103	Isoform 4 of Ankyrin-2 OS=Mus musculus GN=Ank2
BRINP1	Q920P3	1	1	3262	16887	NA	17482	9313	18272	12150	NA	9957	NA	0.698560131	0.155796205	11736	13459.667	Up	0.197701905421487	BMP/retinoic acid-inducible neural-specific protein 1 OS=Mus musculus GN=Brinp1 PE=2 SV=1
SLC6A1	P31648	2	2	7566.5	16480.5	10827	34298	10007.5	16798.5	24947.5	2929.5	13728	8507	0.699275705	0.15535156	15835.9	13382.1	Down	-0.242894332059084	Sodium- and chloride-dependent GABA transporter 1 OS=Mus musculus GN=Slc6a1 PE=1 SV=2
ALCAM	Q61490	17	17	23718	37288.5	24216.56	80596.69	40286.38	59979.62	53426.44	20012.56	32246.38	12716.12	0.700105728	0.154836369	41221.226	35676.224	Down	-0.208424486746852	CD166 antigen OS=Mus musculus GN=Alcam PE=1 SV=3
LUC7L2	Q7TNC4-3	3	3	16671.67	16251.67	10386.33	22548.67	16284.33	18551	18068.67	6525.67	16980	NA	0.700156902	0.154804626	16428.534	15031.335	Down	-0.128230600024903	Isoform 3 of Putative RNA-binding protein Luc7-like 2 OS=Mus musculus GN=Luc7l2
TAGLN	P37804	1	1	129231	107647	113013	182386	109067	146509	101361	191366	122587	121190	0.700491468	0.15459715	128268.8	136602.6	Up	0.090814650039982	Transgelin OS=Mus musculus GN=Tagln PE=1 SV=3
CACNB1	Q8R3Z5	11	11	35063.44	34466.56	34906.67	21364.44	37231.33	36268.11	37971.44	27954.33	44010.89	25627.89	0.700793997	0.154409627	32606.488	34366.532	Up	0.075845214868968	Voltage-dependent L-type calcium channel subunit beta-1 OS=Mus musculus GN=Cacnb1 PE=1 SV=1
MAPT	P10637	55	55	133676.15	122578.5	121384.81	116826.71	122446.5	109998.1	125117.44	136649.19	162468.44	104577.04	0.701279057	0.154109131	123382.53	127762.04	Up	0.050321095007967	Microtubule-associated protein tau OS=Mus musculus GN=Mapt PE=1 SV=3
TOMM6	Q9CQN3	1	1	99835	92785	144994	49083	59379	41948	44199	255689	72324	119276	0.701585054	0.153919671	89215.2	106687.2	Up	0.258025661734741	Mitochondrial import receptor subunit TOM6 homolog OS=Mus musculus GN=Tomm6 PE=3 SV=1
PTN	P63089	21	21	67641.24	53244.38	47481.05	23700.57	56157.43	37689.05	53982.81	58012.38	74185.81	43453.9	0.70231087	0.15347061	49644.934	53464.79	Up	0.106942590882548	Pleiotrophin OS=Mus musculus GN=Ptn PE=2 SV=1
PLXNB1	Q8CJH3	2	2	1040	1295	NA	10707	3202.5	7644.5	5049	NA	2746.5	NA	0.70235841	0.153441213	4061.125	5146.6667	Up	0.341758913180306	Plexin-B1 OS=Mus musculus GN=Plxnb1 PE=1 SV=2
KRT76	Q3UV17	1	1	8429	9509	5107	127012	7122	38926	13941	NA	10455	NA	0.702520089	0.153341253	31435.8	21107.333	Down	-0.574664155867254	Keratin, type II cytoskeletal 2 oral OS=Mus musculus GN=Krt76 PE=2 SV=1
VPS37C	Q8R105-2	1	1	27609	35221	39288	32791	29625	41302	14700	47331	13161	NA	0.70297107	0.153062548	32906.8	29123.5	Down	-0.176201993395245	Isoform 2 of Vacuolar protein sorting-associated protein 37C OS=Mus musculus GN=Vps37c
RTN1	Q8R0T0	6	6	30013.33	39768.67	13452	175425.33	67454	106219.67	68028.17	18784.33	57854.83	8048.5	0.704301746	0.152241235	65222.666	51787.1	Down	-0.332780641001636	Reticulon-1 OS=Mus musculus GN=Rtn1 PE=1 SV=1
TMX4	Q8C0L0	3	3	1269.67	5754.67	NA	19935	4286.33	11955	7506.33	NA	NA	NA	0.7043827	0.152191319	7811.4175	9730.665	Up	0.316954032109813	Thioredoxin-related transmembrane protein 4 OS=Mus musculus GN=Tmx4 PE=2 SV=2
PLCB1	Q9Z1B3	19	19	25541	31054.76	19048.47	51194.88	29749.24	41353.18	35920.76	21240.82	27879.47	16252.53	0.704571969	0.152074639	31317.67	28529.352	Down	-0.134529902996015	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1 OS=Mus musculus GN=Plcb1 PE=2 SV=2
RAB23	P35288	3	3	14982.67	18384.67	14696.67	19404.67	18829	24904	16429	10184	11868	NA	0.705017414	0.151800156	17259.536	15846.25	Down	-0.123252211727556	Ras-related protein Rab-23 OS=Mus musculus GN=Rab23 PE=1 SV=2
LETM1	Q9Z2I0	7	7	13241.86	27671.14	4452.43	96792.71	24879.57	46349.86	39390.71	12290.86	25301.57	7905.71	0.705499384	0.151503361	33407.542	26247.742	Down	-0.347980520370868

CACNB3	P54285	8	8	25028	27654.12	13748.88	20203.88	25180.5	22731.5	26210.62	27373.5	21123.5	5250.25	0.709188925	0.149238055	22363.076	20537.874	Down	-0.122831794616484	Voltage-dependent L-type calcium channel subunit beta-3 OS=Mus musculus GN=Cacnb3 PE=2 SV=2
KBTBD11	Q88NW9	3	3	15407	26522	22705	17907	14497	16964	16180.5	27387	22511.5	NA	0.709253978	0.14919822	19407.6	20760.75	Up	0.097236842003164	Kelch repeat and BTB domain-containing protein 11 OS=Mus musculus GN=Kbtbd11 PE=1 SV=3
GLG1	Q61543	16	16	14590.06	23953.56	16995.19	59082.25	23399.62	41530.31	39313.75	26935.56	26651.12	21116.19	0.7105218	0.148422593	27604.136	31109.386	Up	0.172465474981277	Golgi apparatus protein 1 OS=Mus musculus GN=Glg1 PE=1 SV=1
GDAP1	O88741	2	2	2916	4701	618	14072	10636.5	11689	11877.5	NA	1325.5	NA	0.710555186	0.148402186	6588.7	8297.3333	Up	0.332653906760403	Ganglioside-induced differentiation-associated protein 1 OS=Mus musculus GN=Gdap1 PE=1 SV=1
RGS12	Q8CG19	9	9	19235.75	25718.38	22067.12	21355.25	28188.12	29688.5	25830.62	18169.5	26595.5	21283.38	0.710611789	0.148367592	23312.898	24313.5	Up	0.060629233115625	Regulator of G-protein signaling 12 OS=Mus musculus GN=Rgs12 PE=1 SV=2
FAM98B	Q80VD1	4	4	13607	18331.75	22117	31107.5	20537.25	34455.5	23634.75	3382.5	35887.25	NA	0.711340547	0.147922436	21140.1	24340	Up	0.203346966867334	Protein FAM98B OS=Mus musculus GN=Fam98b PE=2 SV=1
WDR44	Q6NVE8	1	1	4568	5898	NA	12870	5099	8707	7246	NA	7774	NA	0.711819433	0.14763016	7108.75	7909	Up	0.153899395237001	WD repeat-containing protein 44 OS=Mus musculus GN=Wdr44 PE=1 SV=1
FAM131B	Q3TY60	12	12	11508.64	12030.09	9011.82	16013.36	13772.55	14573.27	15795.27	10632.36	16399.55	8617.55	0.712092998	0.147463285	12467.292	13203.6	Up	0.082783204461094	Protein FAM131B OS=Mus musculus GN=Fam131b PE=1 SV=1
C1QC	Q02105	1	1	NA	2899	NA	4289	1531	4949	2234	NA	NA	NA	0.712097055	0.14746081	2906.3333	3591.5	Up	0.305386337406943	Complement C1q subcomponent subunit C OS=Mus musculus GN=C1qc PE=2 SV=2
VCPIP1	Q8CDG3	2	2	5165	5805.5	4143	7823	7083.5	6970	7102	4051.5	7480.5	NA	0.712132191	0.147329623	6004	6401	Up	0.092373331644986	Deubiquitinating protein VCIP135 OS=Mus musculus GN=Vcpip1 PE=2 SV=1
ADPRHL2	Q8CG72	2	2	6045.5	6239	5459.5	12964	7210	9021.5	6811	1489	9472	NA	0.712535051	0.147193767	7583.6	6698.375	Down	-0.179071724967444	Poly(ADP-ribose) glycohydrolase ARH3 OS=Mus musculus GN=Adprhl2 PE=1 SV=1
MRPL57	Q9CQF8	1	1	112188	96792	96930	134681	99881	124173	104800	37702	130075	NA	0.712658881	0.147118298	108094.4	99187.5	Down	-0.124061560867791	Ribosomal protein 63, mitochondrial OS=Mus musculus GN=Mrpl63 PE=2 SV=1
NDUFB5	Q9CQH3	2	2	43997	34884.5	65226.5	78851.5	49363.5	75012	60398.5	20642	39693.5	NA	0.712770893	0.147050044	54464.6	48936.5	Down	-0.154407913684497	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial OS=Mus musculus GN=Ndufb5 PE=1 SV=1
NBEA	Q3EPN1-4	3	3	2572.67	4501.67	5999.67	10517.67	5028.67	6904.33	6627.33	3141.67	6670.67	8291.33	0.713171511	0.146806014	5724.07	6327.066	Up	0.144495330246854	Isoform 4 of Neurobeachin OS=Mus musculus GN=Nbea
SPTB	P15508	5	5	NA	2619.5	237.75	13104.5	5865.5	8876.5	5330.75	1079	1336.75	NA	0.713477251	0.14661987	5456.8125	4155.75	Down	-0.392949604760886	Spectrin beta chain, erythrocytic OS=Mus musculus GN=Sptb PE=1 SV=4
MCAT	Q8R3F5	3	3	8782	8609.67	12385	8924	9264	8870.33	10392.67	11465.67	13822.67	6208	0.713896017	0.146365041	9592.934	10151.868	Up	0.081701179426787	Malonyl-CoA-acyl carrier protein transacylase, mitochondrial OS=Mus musculus GN=Mcat PE=1 SV=3
ISCA1	Q9D924	8	8	22266.12	21595	23846.62	23011.75	23478.5	26987.5	23297.5	18570.25	29447.12	19985.25	0.714206228	0.146176367	22839.598	23657.524	Up	0.050761830865934	Iron-sulfur cluster assembly 1 homolog, mitochondrial OS=Mus musculus GN=Isca1 PE=2 SV=1
DLGAP1	Q9D415-6	7	7	12304	13655.29	9762.71	12450.86	16877.57	12896.43	14607.14	5661.14	21561.57	3691.14	0.714332207	0.146099769	13010.086	11683.484	Down	-0.155159950478429	Isoform 6 of Disks large-associated protein 1 OS=Mus musculus GN=Dlgap1
MAP4	P27546-4	23	23	56031.26	52752.22	61254.87	67046.04	47744.17	57979.52	55018.04	66294.83	70987.57	45199	0.714522157	0.1459843	56965.712	59095.792	Up	0.052961591099629	Isoform 4 of Microtubule-associated protein 4 OS=Mus musculus GN=Map4
ARFGAP3	Q9D853	1	1	25658	27772	10942	40068	34700	37559	35379	20793	27126	NA	0.714704679	0.145873375	27828	30214.25	Up	0.118691905042978	ADP-ribosylation factor GTPase-activating protein 3 OS=Mus musculus GN=Arfgap3 PE=1 SV=2
GRIN2A	P35436	6	6	7064	10627.2	4211.4	23182.4	17223.8	21999.4	22479.8	6397.6	20342	1668.4	0.714919574	0.145742812	12461.76	14577.44	Up	0.226229547174004	Glutamate receptor ionotropic, NMDA 2A OS=Mus musculus GN=Grin2a PE=1 SV=2
ETHE1	Q9DCM0	8	8	30722.38	35775.12	19969.75	36025.75	31805.62	36804.5	31388.12	24511.25	34185.5	19151.88	0.715020691	0.145681391	30859.724	29208.25	Down	-0.079349236649458	Persulfide dioxygenase ETHE1, mitochondrial OS=Mus musculus GN=Ethe1 PE=1 SV=2
SERPINH1	P19324	1	1	10779	15057	22024	13353	15109	18988	15471	11939	18413	NA	0.71503716	0.145671388	15264.4	16202.75	Up	0.086067811827255	Serpin H1 OS=Mus musculus GN=Serpinh1 PE=1 SV=3
RANBP3	Q9CT10	1	1	2817	3057	NA	3525	2674	3915	3323	NA	2398	NA	0.715641126	0.14530471	3018.25	3212	Up	0.089759843986482	Ran-binding protein 3 OS=Mus musculus GN=Ranbp3 PE=1 SV=2
SYNGAP1	F6SEU4	71	71	26180.17	33018.13	28855	44114.91	41720.39	43177.09	49642.51	28846.51	43310.06	20969.01	0.715827799	0.14519144	34777.72	37189.036	Up	0.096713997629646	Ras/Rap GTPase-activating protein SynGAP OS=Mus musculus GN=Syngap1 PE=1 SV=2
CSRP1	P97315	13	13	168826.38	128526.62	123513.08	87365	157318.38	118220.15	134470.38	96084.85	172294.54	107847.92	0.71628162	0.144916193	133109.89	125783.57	Down	-0.081674323411327	Cysteine and glycine-rich protein 1 OS=Mus musculus GN=Csrp1 PE=1 SV=3
APBB1	Q9QXJ1	2	2	5270.5	4500.5	3327.5	10850.5	8569	10725	6510.5	NA	4863	NA	0.717026839	0.144464588	6503.6	7366.1667	Up	0.175675511929605	Amyloid beta A4 precursor protein-binding family B member 1 OS=Mus musculus GN=Apbb1 PE=1 SV=3
PSD	Q5DTT2	2	2	11267	14138	NA	34397.5	24424.2	24225.5	25917.5	NA	15544.5	NA	0.717277261	0.144010897	19631.625	21961.5	Up	0.161796899462343	PH and SEC7 domain-containing protein 1 OS=Mus musculus GN=Psd PE=1 SV=2
PGM3	Q9CYR6	1	1	4533	8945	NA	18751	6879	12317	11969	NA	8911	NA	0.718180922	0.143766136	9777	11065.667	Up	0.178626613040759	Phosphoacetylglucosamine mutase OS=Mus musculus GN=Pgm3 PE=1 SV=1
OSBPL6	Q8BXR9	4	4	17100.25	23791.75	19773.75	22625	26598.5	28169	28613.75	13790.75	23182.75	NA	0.719623156	0.142894871	21977.85	23439.063	Up	0.092864606516265	Oxysterol-binding protein-related protein 6 OS=Mus musculus GN=Osbpl6 PE=2 SV=1
GRIA2	P23819-3	7	7	23271.14	35461.86	30046.14	56186.43	28270.71	44464.29	45272.71	32263.29	29459.43	34127.57	0.719837462	0.142765555	34647.256	37117.458	Up	0.099356812406189	Isoform 3 of Glutamate receptor 2 OS=Mus musculus GN=Gria2
NDUFS2	Q91WD5	8	8	25129.38	26365.12	29099.12	53930	26998.38	45917	36803.88	30335.88	29147.5	31051.88	0.720352955	0.142454658	32304.4	34651.228	Up	0.101175801083666	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial OS=Mus musculus GN=Ndufs2 PE=1 SV=1
PIN1	Q9QUR7	20	20	92935.05	74462.65	74220.1	56611.95	77174.45	76036.55	82356.4	53013.6	109220.05	26202.45	0.720798406	0.142186183	75080.84	69365.81	Down	-0.114220048957597	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 OS=Mus musculus GN=Pin1 PE=1 SV=1
ISCU	Q9D7P6	3	3	84313.67	83773	104720.67	59220	73804.67	70612	83525.67	129506	88085	60081.33	0.72191086	0.141516425	81166.402	86362	Up	0.089513992056193	Iron-sulfur cluster assembly enzyme ISCU, mitochondrial OS=Mus musculus GN=Iscu PE=1 SV=1
BABAM1	Q3UJ43	2	2	23065	31011.5	37897.5	19892	33870.5	33261	30672	24648.5	31271.5	18034.5	0.721862014	0.141412474	29166.5	27558.7	Down	-0.081804437444203	BRISC and BRCA1-A complex member 1 OS=Mus musculus GN=Babam1 PE=2 SV=1
CCT6B	Q61390	2	2	22668	28583.5	4274	39253.5	20293	32219.5	22652.5	7960.5	17932	NA	0.722102952	0.14140088	23014.4	20191.125	Down	-0.188815534736903	T-complex protein 1 subunit zeta-2 OS=Mus musculus GN=Cct6b PE=2 SV=4
FXR2	Q9WVR4	4	4	33461.75	33735.75	33161.5	35222.75	32722.5	34186	35586.5	19334.25	47142	22519.5	0.722148382	0.141373558	33660.85	31753.65	Down	-0.084149172418965	Fragile X mental retardation syndrome-related protein 2 OS=Mus musculus GN=Fxr2 PE=1 SV=1
VCAM1	P29533	12	12	27707	34868.08	32211.17	35013.75	41591.5	47287.83	46742.25	22234.08	46130.25	21240	0.722735712	0.141020485	34278.3	36726.882	Up	0.099540858747470771	Vascular cell adhesion protein 1 OS=Mus musculus GN=Vcam1 PE=1 SV=1
HINT2	Q9D059	13	13	56426.92	52014.23	70870.62	41432.15	49180.15	43378.69	44510.62	74612.23	61388	59990.85	0.723243446	0.140715493	53984.814	56776.078	Up	0.072729561143524	Histidine triad nucleotide-binding protein 2, mitochondrial OS=Mus musculus GN=Hint2 PE=1 SV=1
CRKL	P47941	6	6	28282.67	28919.67	18894.83	29100.5	30989.67	38233.83	34258.67	25504.5	35358.67	12424.5	0.723413776	0.140613225	27237.468	29156.034	Up	0.098201891531694	Crk-like protein OS=Mus musculus GN=Crkl PE=1 SV=2
RPL18	P35980	9	9	88655.67	105106.44	99001.22	96000.67	104131.11	103128.44	112971.78	73187.89	141741.89	84916.78	0.723430986	0.140602893	98579.022	103189.36	Up	0.065941590940852	60S ribosomal protein L18 OS=Mus musculus GN=Rpl18 PE=2 SV=3
CZCD2L	Q80X80	28	28	11448.44	21514.74	13350.93	37477.26	24639.11	37707.44	34329.3	16520.63	24489.37	8467.04	0.724298706	0.14008229	21686.096	24302.756	Up	0.164349570897672	C2 domain-containing protein 2-like OS=Mus musculus GN=C2cd2l PE=1 SV=3
FKBP4	P30416	4	4	56831.5	79674.75	88087	81415.75	64560.75	66327.75	66373.25	67114.25	71828	86220.75	0.724545265	0.139934477	74113.95	71572.8	Down	-0.050333697010829	Peptidyl-prolyl cis-trans isomerase FKBP4 OS=Mus musculus GN=Fkbp4 PE=1 SV=5
SNAP47	Q8R570-2	1	1	5865	10171	6786	17166	8423	14761	10032	3713	5526	NA	0.724627644	0.139885102	9682.2	8508	Down	-0.186514862183809	Isoform 2 of Synaptosomal-associated protein 47 OS=Mus musculus GN=Snap47
PCSK1N	Q9QXV0	13	13	28741.92	31270.42	23288.33	35856.42	34536.25	36920.75	33335.5	20391.17	53756.5	21328.83	0.7255506	0.139332294	30738.668	33146.55	Up	0.108804067773641	ProSAAS OS=Mus musculus GN=Pcsk1n PE=1 SV=2
RAB10	P61027	1	1	2212	13774	NA	37783	14777	23989	16558	NA	NA	NA	0.725678931	0.139255486	17136.5	20273.5	Up	0.242522695935577	Ras-related protein Rab-10 OS=Mus musculus GN=Rab10 PE=1 SV=1
GAB1	Q9QYY0	1	1	8368	9768	10759	5267	8004	4829	7947	NA	10395	NA	0.725791579	0.139188075	8433.2	7723.6667	Down	-0.126794266825412	GRB2-associated-binding protein 1 OS=Mus musculus GN=Gab1 PE=1 SV=2
TPM1	P58771-2	27	27	40112	40039	26730.2	41168.64	38459.4	40280.48	42235.16	24780.32	53399.48	11311.8	0.7261023	0.139002187	37301.848	34401.448	Down	-0.116777814888186	Isoform 2 of Tropomyosin alpha-1 chain OS=Mus musculus GN=Tpm1
ZFYVE19	Q9DA29	3	3	5515	6872	4405	8071.33	7112	9233.67	7154	1545	7636.67	3541.33	0.726447535	0.138795746	6395.066	5822.134	Down	-0.1354112040973	Zinc finger FYVE domain-containing protein 19 OS=Mus musculus GN=Zfyve19 PE=1 SV=2
PHYHIPL	Q8BGT8	1	1	18388	25796	4165	34461	24438	34769	35493	18834	15112	15416	0.726457521	0.138789775	21449.6	23924.8	Up	0.157556120444316	Phytanoyl-CoA hydroxylase-interacting protein-like OS=Mus musculus GN=Phyhipl PE=2 SV=1
ARHGAP32	Q811P8	20	20	17280.95	18657.75	13941.15	19295.2	23233.5	24892.05	24963.1	8653.7	25840.95	14967.1	0.726695134	0.138647748	18481.71	19863.38	Up	0.104012889466061	Rho GTPase-activating protein 32 OS=Mus musculus GN=Arhgap32 PE=1 SV=2
SEPT2	P42208	16	16	57928.8	57731.47	69321.93	35123.07	55855.4	51885.67	55747.73	53197.93	48502.93	81306.67	0.726761014	0.138608378	55192.134	58128.186	Up	0.074775218933654	Septin-2 OS=Mus musculus GN=Sept2 PE=1 SV=2
DLG2	Q91XM9-3	27	27	84484.15	94948.42	94168.35	114942.73	102883.08	96257.62	115540.54	93608.5	105949.19	92243.58	0.727184765	0.138355228	98285.346	100719.89	Up	0.035300318361685	Isoform 3 of Disks large homolog 2 OS=Mus musculus GN=Dlg2
ARHGAP32	Q811P8-2	21	21	16494.71	17842.43	13277.29	18533.05	22158.33	23816.67	23918.05	8241.62	24691	14254.38	0.727215925	0.138336619	17661.162	18984.344	Up	0.104229880885876	Isoform 2 of Rho GTPase-activating protein 32 OS=Mus musculus GN=Arhgap32
CCDC93	Q7TQK5	1	1	5996	7832	NA	22126	12454	15142	17590	NA	8552	NA	0.727799933	0.137987989	12102	13761.333	Up	0.185374769951381	Coiled-coil domain-containing protein 93 OS=Mus musculus GN=Ccdc93 PE=2 SV=1
EPHA4	Q03137	5	5	4674.8	8214.6	5255.4	18626	7020.4	12046.8	12120.2	8485.4	6597	NA	0.727826509	0.13797213	8758.24	9812.35	Up	0.163957710619485	Ephrin type-A receptor 4 OS=Mus musculus GN=Epha4 PE=1 SV=2
RPL19	P84099	10	10	53913.7	66674.7	52922.8	68505.2	51931.3	64223	73184.8	63625.5	82281.9	28614.5	0.727935562	0.137907063	58789.54	62385.94	Up	0.085661434130778	60S ribosomal protein L19 OS=Mus musculus GN=Rpl19 PE=1 SV=1
ADGRL3	Q80TS3-4	13	13	2355	30815.25	9890.42	33018.75	27564.42	34385.25	33084.67	28118.5	33502.83	13808.58	0.728172324	0.137765831	26935.168	28579.966	Up	0.085511365592163	Isoform 4 of Latrophilin-3 OS=Mus musculus GN=Lphn3
NME2	Q01768	11	11	58914.09	66502.91	53405.27	59835.36	55970.18	58817.27	63814.09	70729.36	56657.82	51700.27	0.728388165	0.137637119	58925.562	60343.762	Up	0.034311027775958	Nucleoside diphosphate kinase B OS=Mus musculus GN=Nme2 PE=1 SV=1
NECTIN1	Q9JKF6	3	3	22259	23918.33	43704.33	38230.67	27928.67	28054	35819.67	15170.33	40455.33	49423.33	0.728783616	0.137401399	31208.2	33784.532	Up	0.114437721214997	Poliovirus receptor-related protein 1 OS=Mus musculus GN=Pvrl1 PE=1 SV=3
GPD2	Q64521	20	20	40962.3	50877.45	50417	62969	43313.95	58083.55	54105.3	42639.75	41907.85	42588.3	0.729494708	0.136977854	49707.94	47864.95	Down	-0.054506713956735 9	Glycerol-3-phosphate dehydrogenase, mitochondrial OS=Mus musculus GN=Gpd2 PE=1 SV=2
PUM1	Q80U78-3	6	6	14525.17	19006	6816.33	21284	18478.33	20652.33	24603.83	3469.5	18993.5	20399.17	0.729760426	0.136819692	16021.966	17623.666	Up	0.137462872034025	Isoform 3 of Pumilio homolog 1 OS=Mus musculus GN=Pum1
UBAS	Q8VE47	4	4	11438	15195	18507.67	18450	13498.67	19226.67	19547.67	14207	15516.33	2391.67	0.730093919	0.136621269	15417.868	14177.868	Down	-0.120962678258877	Ubiquitin-like modifier activating enzyme 5 OS=Mus musculus GN=Uba5 PE=2 SV=2
LUC7L3	Q55UF2-3	1	1	NA	4365	NA	6554	4869	4934	6331	NA	NA	NA	0.730306875	0.136494611	5262.6667	5632.5	Up	0.097981389950843	Isoform 3 of Luc7-like protein 3 OS=Mus musculus GN=Luc7l3
PPP2CA	P63330	8	8	18601.62	24301.62	28319.38	45639.75	25411.88	27442.38	32043.5	34531.5	21270.25	16925.25	0.730981399	0.136093674	28454.85	26442.576	Down	-0.10581845218503	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform OS=Mus musculus GN=Ppp2ca PE=1 SV=1
MARC2	Q92520	1	1	3414	3777	2897	7923	4060	7184	5051	NA	2739	NA	0.731169974	0.135981652	4413.6	4991.3333	Up	0.177469368143324	MOSC domain-containing protein 2, mitochondrial OS=Mus musculus GN=Marc2 PE=1 SV=1
GDAP1L1	Q8VE33	2	2	3655	11222	2271.5	30855	6615	20256.5	17367.5	6450.5	8510	NA	0.731233454	0.135943948	10923.7	13146.125	Up	0.267176009395215	Ganglioside-induced differentiation-associated protein 1-like 1 OS=Mus musculus GN=Gdap1l1 PE=2 SV=1
TUBB6	Q922F4	34	34	29085.06	32480.72	29769.59	44814.28	26644.47	37118.47	34027.28	23577.16	27860.03	33070.84	0.731327386	0.135888163	32558.824	31130.756	Down	-0.064707978896391	Tubulin beta-6 chain OS=Mus musculus GN=Tubb6 PE=1 SV=1
DOC2A	Q7TNF0	2	2	17785	20761	8563	12637	19223	19480	18639	9180	20888.5	NA	0.731571727	0.135743087	15793.8	17046.875	Up	0.110148964976104	Double C2-like domain-containing protein alpha OS=Mus musculus GN=Doc2a PE=2 SV=1
MAP6D1	Q14BB9	3	3	18402	22892.33	24145.67	17355	26532.67	18259.33	19773.33	19185.33	21106.67	38566.67	0.732020175	0.135476949	21865.534	23378.266	Up	0.096509344704832	MAP6 domain-containing protein 1 OS=Mus musculus GN=Map6d1 PE=1 SV=1
MACROD2	Q3UYG8	1	1	NA	6693	17830	13556	14716	15845	15563	NA	11220	NA	0.73229436	0.135314311	13198.75	14209.333	Up	0.106437564230462	O-acetyl-ADP-ribose deacetylase MACROD2 OS=Mus musculus GN=Macrod2 PE=2 SV=1
BANF1	O54962	3	3	50752	39706.33	11032.67	85319.33	58532	51374.67	69508.67	30112.67	66834.33	NA	0.733277794	0.135264832	49068.466	54457.585	Up	0.150336835468672	Barrier-to-autointegration factor OS=Mus musculus GN=Banf1 PE=1 SV=1
SYN1	O88935-3	87	87	121961.66	109546.71	101232.83	125836.17	105139.82	125692.44	111592.34	91474.18	110227.84	111882.74	0.734760286	0.135206188	112724.44	110173.91	Down	-0.023260806955946146	Isoform 3 of Synapsin-1 OS=Mus musculus GN=Syn1
RAB11FIP5	Q8R361	11	11	59451.45	67375	65040	49387.82	70978.36	60515.91	65514.82	62127.45	80186.18	54066.55	0.732553642	0.135160568	62446.526	64482.182	Up	0.046279249132646	Rab11 family-interacting protein 5 OS=Mus musculus GN=Rab11fip5 PE=1 SV=2
ACAN	Q61282	1	1	11419	9648	14680	7736	11066	9487	11285	NA	13791	NA	0.732805135	0.135011496	10909.8	11521	Up	0.078641291075605	Aggrecan core protein OS=Mus musculus GN=Acan PE=1 SV=2
UFC1	Q9CR09	1	1	103559	129999	166362	103011	91231	140854	130268	109654	103363	79656	0.733633471	0.134520863	118832.4	112759	Down	-0.075685656207936	Ubiquitin-fold modifier-conjugating enzyme 1 OS=Mus musculus GN=Ufc1 PE=2 SV=1
EDF1	Q9JMG1	1	1	17689	36297	NA	36504	16584	30398	24222	NA	32332	NA	0.733794415	0.134425598	26768.5	28984	Up	0.114720412537488	Endothelial differentiation-related factor 1 OS=Mus musculus GN=Edf1 PE=1 SV=1
PTCD3	Q14C51	1	1	7601	NA	NA	11920	6234	12176	9195	NA	6898	NA	0.733810565	0.13441604	8585	9423	Up	0.134368309483624	Pentatricopeptide repeat domain-containing protein 3, mitochondrial OS=Mus musculus GN=Ptcd3 PE=2 SV=2
RHOB	P62746	8	8	57023.75	99419	64677.88	119409.5	103842.62	122880.62	145028.88	67425.88	102449.38	44899.5	0.735105631	0.133650251	88874.55	96536.852	Up	0.119309432331181	Rho-related GTP-binding protein RhoB OS=Mus musculus GN=Rhob PE=1 SV=1
CSPG5	Q71M36-4	4	4	4741.75	7204.75	5660.75	7890	7497	9253.5	8721.5	3427.25	7000.5	6684.25	0.735138416	0.133630882	6598.85	7017.4	Up	0.088721976171729	Isoform 4 of Chondroitin sulfate proteoglycan 5 OS=Mus musculus GN=Cspg5
MRPL44	Q9CY73	2	2	986.5	1164.5	NA	3030.5	1805	2595	1455.5	NA	NA	NA	0.735180352	0.133606108	1746.625	2025.25	Up	0.213530112306629	39S ribosomal protein L44, mitochondrial OS=Mus musculus GN=Mrpl44 PE=2 SV=3
VPS28	Q9D1C8	5	5	21426.6	28509.6	22776.8	22836.4	34507.2	25869.4	31282.2	20536.6	31364.2	NA	0.735920046	0.133169367	26011.32	27263.1	Up	0.067810001933 8	Vacuolar protein sorting-associated protein 28 homolog OS=Mus musculus GN=Vps28 PE=2 SV=1
SLC25A4	P48962	16	16	122254.75	207896.88	109797.5	381635.56	174921.81	283661.25	264781.5	111063.31	144132.69	81301	0.736017558	0.133111825	199301.3	176987.95	Down	-0.17129998101004 2	ADP/ATP translocase 1 OS=Mus musculus GN=Slc25a4 PE=1 SV=4
AARSD1	Q3THG9	4	4	7459.25	10401.5	1998.75	14041.5	10714	12910.5	11593	2435.75	9458.75	3036.25	0.736200803	0.133003713	8923	7886.85	Down	-0.178079635585573	Alanyl-tRNA editing protein Aarsd1 OS=Mus musculus GN=Aarsd1 PE=1 SV=2
PSMC3	O88685	24	24	43784.96	46193	37178.67	44466.46	44458.71	47563.21	47426.46	38092.79	51511.54	21429.12	0.736638532	0.132745568	43216.36	41204.624	Down	-0.068771316587589 9	26S protease regulatory subunit 6A OS=Mus musculus GN=Psmc3 PE=1 SV=2
DNPH1	Q80VJ3	1	1	1241	1620	NA	2134	983	2414	1140	NA	NA	NA	0.7367338	0.132689405	1494.5	1777	Up	0.249780784350584	2'-deoxynucleoside 5'-phosphate N-hydrolase 1 OS=Mus musculus GN=Dnph1 PE=2 SV=2
TENM4	Q3UHK6-3	2	2	NA	NA	NA	40726	13145	25621	16051	NA	NA	NA	0.736971833	0.13254911	26935.5	20836	Down	-0.370430503774912	Isoform 3 of Teneurin-4 OS=Mus musculus GN=Tenm4
DNAJC5	P60904	3	3	910.67	5587	1508.33	11815.33	2704	9138	9074.33	680	3215.33	NA	0.737105465	0.132470369	4505.066	5526.915	Up	0.294926183177971	Dnaj homolog subfamily C member 5 OS=Mus musculus GN=Dnajc5 PE=1 SV=1
PAFAH1B1	P63005	4	4	16940.5	21793.25	18824.75	24108.75	23123.25	21647	21253.5	17945	25966.25	NA	0.737288069	0.132362794	20958.1	21702.938	Up	0.050383292858126 3	Platelet-activating factor acetylhydrolase IB subunit alpha OS=Mus musculus GN=Pafah1b1 PE=1 SV=2
ARHGAP5	P97393	1	1	NA	NA	NA	6240	1301	2638	2744	NA	NA	NA	0.737648374	0.132150611	3770.5	2691	Down	-0.486613458693317	Rho GTPase-activating protein 5 OS=Mus musculus GN=Arhgap5 PE=1 SV=2
ABCF1	Q6P542	6	6	14162	15615	12531.2	15904.4	16184.2	18680.8	16971.2	9526.4	17873	6889.2	0.737744656	0.132093928	14879.36	13988.12	Down	-0.089110396050701 5	ATP-binding cassette sub-family F member 1 OS=Mus musculus GN=Abcf1 PE=1 SV=1
SH3KBP1	Q8R550	3	3	44068.67	47079.67	35347.33	26737.67	49794	33618.33

RPL15	Q9CZM2	5	5	103890.8	139961	135253.4	165051.4	120024	147812.4	134303.8	167640.2	120398.4	57107.2	0.741339462	0.129951248	132836.12	125452.4	Down	-0.082507418133833	60S ribosomal protein L15 OS=Mus musculus GN=Rpl15 PE=2 SV=4
EMC8	O70378	4	4	38823.75	45729.25	43228.75	72699.75	46894.5	52950.5	55613.5	38299.5	34488	53355.75	0.741608643	0.129825217	49475.2	46941.45	Down	-0.075843132532355545	ER membrane protein complex subunit 8 OS=Mus musculus GN=Emc8 PE=1 SV=1
GLRX3	Q9CQM9	2	2	189832	209689	157077	204287	251294	235857	252847	100408	183434	186939	0.741912579	0.129647265	202435.8	191897	Down	-0.077132290216209 4	Glutaredoxin-3 OS=Mus musculus GN=Glrx3 PE=1 SV=1
GNB5	P62881	4	4	13761	16919	10475	25230.75	14190.75	23961.25	17625.75	10500.5	17476	NA	0.74196003	0.12961949	16115.3	17390.875	Up	0.109899476211563	Guanine nucleotide-binding protein subunit beta-5 OS=Mus musculus GN=Gnb5 PE=1 SV=1
PRRT2	E9PUL5	5	5	2783.2	9063.6	2734	5402.36	9231	24691	21695.8	3260.8	3655	5900.2	0.742032816	0.129576888	15567.08	11840.56	Down	-0.394761004088173 4	Proline-rich transmembrane protein 2 OS=Mus musculus GN=Prrt2 PE=1 SV=1
GNAL	Q8CGK7	1	1	246457	333187	230828	564481	351506	486117	595600	361891	309273	140600	0.74216768	0.129497962	345291.8	378696.2	Up	0.133224871241405	Guanine nucleotide-binding protein G(olf) subunit alpha OS=Mus musculus GN=Gnal PE=1 SV=1
RAE1	Q8C570	1	1	13653	14067	NA	13428	13763	14355	12159	NA	NA	NA	0.742213837	0.129470954	13727.75	13257	Down	-0.050340847926660 2	mRNA export factor OS=Mus musculus GN=Rae1 PE=1 SV=1
CPNE5	Q8JZW4	2	2	23101	24478.5	25696.5	25250	28182	26604.5	30449.5	29741	27285.5	3695.5	0.742251142	0.129449126	25341.6	23555.2	Down	-0.105462033672235	Copine-5 OS=Mus musculus GN=Cpne5 PE=2 SV=1
LIMD2	Q8BGB5	1	1	22469	21761	6186	32663	19032	18890	17706	NA	30861	NA	0.742862315	0.129091673	20422.2	22485.667	Up	0.138867368191238	LIM domain-containing protein 2 OS=Mus musculus GN=Limd2 PE=2 SV=1
SLC25A5	P51881	17	17	110053.47	184773.76	102013.94	311737.41	159929.82	233578.82	221442.88	95800.18	136459.41	99778.41	0.743389912	0.128783337	173701.68	157411.94	Down	-0.142066731303844	ADP/ATP translocase 2 OS=Mus musculus GN=Slc25a5 PE=1 SV=3
PRRC2C	Q3TLH4	6	6	19173.33	21597.17	19874.5	21182.5	23226.33	23116.5	24552.5	11699.33	29021.5	10043	0.744162155	0.12833242	21010.766	19686.566	Down	-0.093917281432501 3	Protein PRRC2C OS=Mus musculus GN=Prrc2c PE=1 SV=3
SDF4	Q61112	2	2	91882	123674.5	47445.5	103598	98890.5	105104.5	118311	48208.5	131229.5	NA	0.744173466	0.128325819	93098.1	100713.38	Up	0.113431659907868	45 kDa calcium-binding protein OS=Mus musculus GN=Sdf4 PE=2 SV=1
ANK1	Q02357-3	5	5	7191.4	11284.8	2027.4	33732	13508.2	24146.6	21726	6156.2	11509.4	NA	0.744179815	0.128322114	13548.76	15884.55	Up	0.229463399615668	Isoform Er3 of Ankyrin-1 OS=Mus musculus GN=Ank1
MAOB	Q8BW75	1	1	31222	34118	73081	64781	35915	61221	42855	NA	25306	NA	0.744252236	0.128279852	47823.4	43127.333	Down	-0.149114184316	Amine oxidase [flavin-containing] B OS=Mus musculus GN=Maob PE=1 SV=4
MRPL9	Q99N94	1	1	32352	25780	55911	31662	26345	25996	25078	42345	35091	57254	0.744302911	0.128250282	34410	37152.8	Up	0.110643050691443	39S ribosomal protein L9, mitochondrial OS=Mus musculus GN=Mrpl9 PE=2 SV=2
MRPS15	Q9DC71	3	3	18968.33	22770.67	19809	21394.67	23393.33	21430	25925	15575.67	19244.67	20952.67	0.744318347	0.128241276	21267.2	20625.602	Down	-0.044193875303125	28S ribosomal protein S15, mitochondrial OS=Mus musculus GN=Mrps15 PE=2 SV=2
PAFAH1B1	P63005-2	2	2	12003.5	16115.5	9746.5	11786	13121	13845	13884	2570.5	27221.5	NA	0.744557864	0.128101545	12554.5	14380.25	Up	0.195884184718003	Isoform 2 of Platelet-activating factor acetylhydrolase IB subunit alpha OS=Mus musculus GN=Pafah1b1
ARHGAP12	Q8C0D4	1	1	NA	NA	NA	3672	1295	2909	1032	NA	1967	NA	0.744588464	0.128083697	2483.5	1969.3333	Down	-0.334667421393605	Rho GTPase-activating protein 12 OS=Mus musculus GN=Arhgap12 PE=1 SV=2
PHYHIP	Q8K050	3	3	13362.33	17259.33	5903.33	25328.67	18021.67	22302.33	21699	6278	16260.33	5138.67	0.744761149	0.127982987	15975.066	14335.666	Down	-0.156212961369751	Phytanoyl-CoA hydroxylase-interacting protein OS=Mus musculus GN=Phyhip PE=1 SV=1
DIP2B	Q31UH60	10	10	12502.22	11480.67	12663.67	15604.22	13946.89	17106.11	18636.22	5277.89	17085.67	1922.78	0.744767506	0.12797928	13239.534	12005.734	Down	-0.141128734651229	Disco-interacting protein 2 homolog B OS=Mus musculus GN=Dip2b PE=1 SV=1
KIF1B	Q60575-3	2	2	1973.5	10518.5	NA	20136	12809.5	16372.5	17072.5	NA	5976	NA	0.745480489	0.127563718	11359.375	13140.333	Up	0.210118414211526	Isoform 3 of Kinesin-like protein KIF1B OS=Mus musculus GN=Kif1b
PLPPR2	Q8VCY8-2	1	1	28992	48206	40963	85401	44830	60789	70855	51640	32347	NA	0.745862883	0.127341005	49678.4	53907.75	Up	0.117873986462899	Isoform 2 of Lipid phosphate phosphatase-related protein type 2 OS=Mus musculus GN=Lppr2
DNM3	Q8BZ98	18	18	50563.67	67742.28	45000.83	94190.5	61457.28	74897.78	79370	57538.39	49441.39	38431.5	0.746549982	0.126941111	63790.912	59935.812	Down	-0.089932625038471 9	Dynamin-3 OS=Mus musculus GN=Dnm3 PE=1 SV=1
MARK1	Q8VHJ5	6	6	10748.33	11216.33	10954.17	15092.83	14445.83	16225.17	13460.33	15309	14431	6391.83	0.746805203	0.126792665	12491.498	13163.466	Up	0.075592909636828	Serine/threonine-protein kinase MARK1 OS=Mus musculus GN=Mark1 PE=1 SV=2
ARMC1	Q9D7A8	2	2	65998	73403.5	98832.5	44941	69374.5	71499.5	70274	81169	77265	67682	0.747092119	0.126625845	70509.9	73577.9	Up	0.061446666174581	Armadillo repeat-containing protein 1 OS=Mus musculus GN=Armc1 PE=1 SV=1
PDIA6	Q922R8	6	6	40881.17	51238.33	49175.5	85669.17	38671.83	59530	47404.5	71633.67	45689.17	57674.83	0.747528084	0.126372487	53127.2	56386.434	Up	0.085897427234339 6	Protein disulfide-isomerase A6 OS=Mus musculus GN=Pdia6 PE=1 SV=3
KCNQ2	Q9Z351-13	2	2	2923	4403	3940.5	4141.5	6555.5	4440	5464.5	2166.5	7130	NA	0.747632071	0.126312077	4392.7	4800.25	Up	0.128001570488835	Isoform 13 of Potassium voltage-gated channel subfamily KQT member 2 OS=Mus musculus GN=Kcnq2
AUH	Q9JII2	15	15	16621.667	13938.27	153460.4	136455.1	142109.73	159052.53	145077.53	132452.93	135514.53	147810.33	0.747800027	0.126214494	147534.03	149981.57	Up	0.027375068678468	Methylglutaconyl-CoA hydratase, mitochondrial OS=Mus musculus GN=Auh PE=1 SV=1
SGIP1	Q8VD37-5	2	2	485	2023.5	NA	15812	1505.5	6125	3539.5	NA	1165.5	NA	0.748157598	0.126006909	4956.5	3610	Down	-0.457322893371578	Isoform 5 of SH3-containing GRB2-like protein 3-interacting protein 1 OS=Mus musculus GN=Sgip1
ATIC	Q9CWJ9	8	8	9811.12	10141.62	3839.62	19924.5	10666.5	14387.25	13341.5	4082.25	10589.88	6583.12	0.748300175	0.125924153	10876.672	9796.8	Down	-0.15085470081157	Bifunctional purine biosynthesis protein PURH OS=Mus musculus GN=Atic PE=1 SV=2
LRP1B	Q9JII8	4	4	1332.5	1603.25	1793	6077	2679.5	4299.25	3020.25	NA	1897	NA	0.74846771	0.125826931	2697.05	3072.1667	Up	0.18787421732701	Low-density lipoprotein receptor-related protein 1B OS=Mus musculus GN=Lrp1b PE=1 SV=1
HINT1	P70349	6	6	172274.5	164168.33	176967.83	114695.17	167810.5	150129	177911	171321.33	187881.5	67515.17	0.748573333	0.125765648	159183.27	150951.6	Down	-0.076602633140228	Histidine triad nucleotide-binding protein 1 OS=Mus musculus GN=Hint1 PE=1 SV=3
LNPEP	Q8C129	2	2	NA	8247	3720	22679.5	8406.5	11907.5	15452	NA	9530	NA	0.748656368	0.125717477	10763.25	12296.5	Up	0.192133963807517	Leucyl-cystinyl aminopeptidase OS=Mus musculus GN=Lnpep PE=1 SV=1
CTNND1	P30999-3	20	20	16507.59	17405.18	11347.94	25285.76	19911.24	24358.41	19868.41	9488.82	19166.59	11640.71	0.748746141	0.125665403	18091.542	16904.588	Down	-0.097900523535035 7	Isoform 3 of Catenin delta-1 OS=Mus musculus GN=Ctnnd1
GRASP	Q8IJA9	1	1	13232	2888	23543	9493	36149	21845	23472	23339	46473	NA	0.749049022	0.125489759	26256.4	28782.25	Up	0.132510253847212	General receptor for phosphoinositides 1-associated scaffold protein OS=Mus musculus GN=Grasp PE=1 SV=2
PCBD1	P61458	1	1	4981	7069	11387	9528	4693	7926	6812	6487	7183	11968	0.749171486	0.12541876	7531.6	8075.2	Up	0.100541610668353	Pterin-4-alpha-carbinolamine dehydratase OS=Mus musculus GN=Pcbd1 PE=1 SV=2
NUCB1	Q02819	12	12	20880	28411.5	11445.17	39104.75	21600.17	31292.83	24889	2394.33	27864	NA	0.749401482	0.125285452	24288.318	21610.04	Down	-0.168560842167038	Nucleobindin-1 OS=Mus musculus GN=Nucb1 PE=1 SV=2
ATP2A3	Q64518-3	8	8	14886.25	29927.88	5228.25	95098.62	21082.62	54028.25	44778.12	7433.12	19438.5	9602.12	0.749416406	0.125276804	33244.724	27056.022	Down	-0.297175662417083	Isoform SERCA3C of Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 OS=Mus musculus GN=Atp2a3
NSMF	Q99NF2-3	3	3	15064.67	15017	12753.33	15124.33	22067	19559	20055	8244.67	20729.33	NA	0.749560875	0.125193091	16005.266	17147	Up	0.099409533846795 6	Isoform 3 of NMDA receptor synaptonuclear signaling and neuronal migration factor OS=Mus musculus GN=Nsmf
CDV3	Q4VAA2	7	7	79884.43	65597.57	65725.86	49945.29	63628.71	61565.29	61695.71	63955.71	98839	14844.29	0.749864733	0.125017071	64956.372	60180	Down	-0.110186949439042	Protein CDV3 OS=Mus musculus GN=Cdv3 PE=1 SV=2
ABLIM3	Q69ZX8	4	4	28825.75	28422.5	12910	26965	36368	32079.25	34762.25	5020.75	40169.5	7714.5	0.750070731	0.124897781	26698.25	23949.25	Down	-0.156764703237365	Actin-binding LIM protein 3 OS=Mus musculus GN=Ablim3 PE=1 SV=2
THY1	P01831	16	16	28614.44	47787.38	39694.31	71656.12	51375.75	64483.19	74112.12	34279.88	48324.5	35418.56	0.750671443	0.124550105	47825.6	51323.65	Up	0.101840706534341	Thy-1 membrane glycoprotein OS=Mus musculus GN=Thy1 PE=1 SV=1
CNDP2	Q9D1A2	7	7	15367.29	19957.57	19034	23709.14	19305	23339.71	21874.57	17947.14	23656.29	3990	0.750674892	0.12454811	19474.6	18159.742	Down	-0.100849990203931	Cytosolic non-specific dipeptidase OS=Mus musculus GN=Cndp2 PE=2 SV=1
A230050P20RIK	Q8CAK3	3	3	67421.67	52069	110086.67	37704.33	57157.67	57613.67	56107	153656.33	100323.33	3317.33	0.750698031	0.124534723	64887.868	74203.532	Up	0.1935390944224 9	UPF0515 protein C19orf66 homolog OS=Mus musculus PE=2 SV=1
DPYSL5	Q9EQF6	53	53	68720.5	76602.12	70819.18	73225.82	70218.1	71326.66	86350.12	65427.86	88563.84	58110.16	0.752095017	0.123727289	71917.144	73955.728	Up	0.040326161741212 9	Dihydropyrimidinase-related protein 5 OS=Mus musculus GN=Dpysl5 PE=1 SV=1
NECAB2	Q91ZP9-2	2	2	14573	13036	1934	20196	11635.5	22666	12775.5	6083.5	22341.5	5356.5	0.752128346	0.123708044	12274.9	13844.6	Up	0.173612100396866	Isoform 2 of N-terminal EF-hand calcium-binding protein 2 OS=Mus musculus GN=Necab2
PPP1R1A	Q9ERT9	5	5	117750	104250.33	125806	81710.33	97686	98139	101500.33	158710.33	121712.33	2024	0.753182578	0.123099734	105440.53	96417.198	Down	-0.129067145592 98	Protein phosphatase 1 regulatory subunit 1A OS=Mus musculus GN=Ppp1r1a PE=2 SV=1
IRS2	P81122	1	1	18298	19566	33124	22318	26920	21758	19860	27093	23375	NA	0.753266782	0.123051184	24045.2	23021.5	Down	-0.062767088653273	Insulin receptor substrate 2 OS=Mus musculus GN=Irs2 PE=1 SV=2
HIST1H2BA	P70696	16	16	595914.88	249428.12	371765	93618.88	333763.88	175980.38	194156.69	409147.75	216392.94	480656	0.753363568	0.122995386	328898.15	295266.75	Down	-0.155621988590869	Histone H2B type 1-A OS=Mus musculus GN=Hist1h2ba PE=1 SV=3
RPS4	P14206	6	6	24332	33805.5	33024.33	40146.5	33433.33	35827.5	38482.33	14856.17	34622.17	NA	0.753655545	0.122827101	32948.332	30947.043	Down	-0.090403888316512 5	40S ribosomal protein SA OS=Mus musculus GN=Rpsa PE=1 SV=4
DNM1L	Q8K1M6-3	13	13	21118.83	28621.25	24274.42	48976.58	28989.5	34891.08	37648.58	21886.58	26544.92	40749.58	0.754905199	0.122107583	30396.116	32344.148	Up	0.089617721586904	Isoform 3 of Dynamin-1-like protein OS=Mus musculus GN=Dnm1l
ENSA	P60840-2	10	10	265359.6	224592.2	210451.4	78648.2	230563.4	164512.2	202960	195297.4	306768.3	57093.2	0.755040701	0.122029637	201922.96	185326.22	Down	-0.123737955474603	Isoform 2 of Alpha-endosulfine OS=Mus musculus GN=Ensa
TPM1	P58771	30	30	39306.04	39011.46	26700.96	39651.96	37773.61	39698.79	41813.86	24338.86	52480.86	11593.11	0.755054599	0.122021643	36488.806	33985.096	Down	-0.102551745203416	Tropomyosin alpha-1 chain OS=Mus musculus GN=Tpm1 PE=1 SV=1
TMEM63C	Q8CBX0	3	3	1201	5190	NA	8252.5	5018	5691.5	8200.5	NA	2935	NA	0.755069109	0.122013297	4915.375	5609	Up	0.190442097277316	Transmembrane protein 63C OS=Mus musculus GN=Tmem63c PE=2 SV=1
LZTS3	A2AHG0	10	10	24615.57	32394.57	33903	15041.29	30357.14	24955.14	28253.86	27272.57	36339.57	10798.14	0.755595659	0.121710546	27262.314	25523.856	Down	-0.095061722174995	Leucine zipper putative tumor suppressor 3 OS=Mus musculus GN=Lzts3 PE=2 SV=1
HEBP1	Q9R257	12	12	62094.33	61263.25	57355.92	66024	59930.58	87462.42	61910.67	66859.83	62452.92	40580.58	0.755705992	0.121647134	61333.616	63853.284	Up	0.058082810845003	Heme-binding protein 1 OS=Mus musculus GN=Hebp1 PE=1 SV=2
DNAJB5	Q89114	4	4	22925.33	21534.33	18802.67	23661.67	20828.33	19601	26557.33	28251.67	21349	5054.33	0.75572384	0.121636877	21550.466	20162.666	Down	-0.096032654808487	Dnaj homolog subfamily B member 5 OS=Mus musculus GN=Dnajb5 PE=2 SV=1
NEDD4	P46935	3	3	8413.67	11863.33	2379.33	18998	13105.67	12769	18806.33	NA	5785.67	NA	0.755771339	0.121609582	10906.6	12453.667	Up	0.131369140741694	E3 ubiquitin-protein ligase NEDD4 OS=Mus musculus GN=Nedd4 PE=1 SV=3
PSMB1	O09061	3	3	43851.33	34801.33	42055.67	68516	46194.33	59900	49254.33	34987	62881.33	10303	0.756325756	0.12129111	47083.732	43465.132	Down	-0.115370151344643	Proteasome subunit beta type-1 OS=Mus musculus GN=Psmb1 PE=1 SV=1
CHMP1A	Q921W0	2	2	112892	104566	58349	143064	123961.5	112974.5	115574.5	70613.5	112204	NA	0.75662599	0.121118745	108566.5	102841.63	Down	-0.078154692768979 4	Charged multivesicular body protein 1a OS=Mus musculus GN=Chmp1a PE=1 SV=1
DNAJB1	Q9QYJ3	1	1	11420	14782	4281	9640	15291	13510	12142	5018	18019	NA	0.756640784	0.121110254	11082.8	12172.25	Up	0.135273454878735	Dnaj homolog subfamily B member 1 OS=Mus musculus GN=Dnajb1 PE=2 SV=3
CXADR	P97792-2	9	9	3674.44	8505.22	2281.56	13381.56	7432.11	11125.67	12695	2136.22	10731.89	3292	0.756792254	0.121023322	7054.978	7996.156	Up	0.180665034455477	Isoform 2 of Coxsackievirus and adenovirus receptor homolog OS=Mus musculus GN=Cxadr
2900011O08RIK	Q8R1Y2	1	1	537	1659	NA	9548	160	3525	1170	NA	1906	NA	0.756868125	0.120979784	2976	2200.3333	Down	-0.435652429096487	Uncharacterized protein C16orf45 homolog OS=Mus musculus PE=2 SV=1
CPEB3	Q7TN99-3	2	2	7164.5	16692.5	2789	20728.5	13976.5	20202	15564	6075.5	12874	NA	0.757327658	0.120716182	12270.2	13678.875	Up	0.156790818040105	Isoform 3 of Cytoplasmic polyadenylation element-binding protein 3 OS=Mus musculus GN=Cpeb3
TTYH3	Q6PSF7-2	1	1	NA	971	NA	3740	NA	2686	784	NA	NA	6427	0.757697573	0.120504104	2525.5	3299	Up	0.385459736133728	Isoform 2 of Protein tweety homolog 3 OS=Mus musculus GN=Ttyh3
SNRNP70	O62376	6	6	60854.67	52903.17	37494	37408.17	46301.5	41632	43577.17	61736.33	39656.33	58682.67	0.757739051	0.12048033	46992.302	49056.9	Up	0.062031627690676 1	U1 small nuclear ribonucleoprotein 70 kDa OS=Mus musculus GN=Snrnp70 PE=1 SV=2
EEF1D	P57776-2	12	12	65506.17	58338.17	91311.08	38480.58	54925.08	52040.42	56208	71613.33	70065.67	74305.42	0.757972763	0.1203464	61712.216	64846.568	Up	0.071474121274856	Isoform 2 of Elongation factor 1-delta OS=Mus musculus GN=Eef1d
GOLGA5	Q9QYE6	2	2	1017	7445	1517.5	31573	6335.5	17794	14104.5	8074.5	6396.5	NA	0.758301771	0.12015793	9577.6	11592.375	Up	0.275440081226531	Golgin subfamily A member 5 OS=Mus musculus GN=Golga5 PE=1 SV=2
RBMX	Q9WV02-2	2	2	48557	47507.5	25089	37555	38158.5	39208.5	36647.5	21405	50719	NA	0.758535083	0.120024328	39373.4	36995	Down	-0.088890999721106	Isoform 2 of RNA-binding motif protein, X chromosome OS=Mus musculus GN=Rbmx
TCERG1	Q8CGF7	2	2	30874.5	28707.5	1319	21226.5	26067	33184.5	25276	NA	36067	3676.5	0.759061321	0.119723138	21638.9	24551	Up	0.182154626400109	Transcription elongation regulator 1 OS=Mus musculus GN=Tcerg1 PE=1 SV=2
BCL2L13	P59017	4	4	4374	4995.5	730	12758.75	9105.25	7879.25	4559.5	NA	4469.25	NA	0.759652092	0.119385262	6392.7	5636	Down	-0.181753780228379	Bcl-2-like protein 13 OS=Mus musculus GN=Bcl2l13 PE=1 SV=2
SUOX	Q8R086	4	4	25962.75	22105.5	9455.25	26395.5	17667.75	24743.25	25252.25	11461.5	25782.25	6123.5	0.759652178	0.119385213	20317.35	18672.55	Down	-0.121793281726337	Sulfite oxidase, mitochondrial OS=Mus musculus GN=Suox PE=2 SV=2
CAML	P49070	2	2	1132.5	NA	NA	4029.5	1579	3175	3274	NA	1374	NA	0.759769952	0.119317886	2247	2607.6667	Up	0.214759339728838	Calcium signal-modulating cyclophilin ligand OS=Mus musculus GN=Caml PE=1 SV=2
CAMK1D	Q8BW96-3	3	3	23754	51998.5	NA	57415	40920	51391.5	58057.5	NA	31665	NA	0.760177317	0.119085094	43521.875	47038	Up	0.112086007992723	Isoform 3 of Calcium/calmodulin-dependent protein kinase type 1D OS=Mus musculus GN=Camk1d
COA6	Q8BGD8	3	3	31538.33	30532.33	17081	19168	27806.33	25110	24024.67	5415.67	37024.67	NA	0.760660907	0.118808903	25225.198	22893.753	Down	-0.139911640037591	Cytochrome c oxidase assembly factor 6 homolog OS=Mus musculus GN=Coa6 PE=3 SV=1
GRIA2	P23819	9	9	18927.67	28743.11	24328.78	46460.33	24033.33	37584.89	38239.22	25093.67	24048.33	26543.67	0.760725994	0.118771743	28498.644	30301.956	Up	0.088517647352851	Glutamate receptor 2 OS=Mus musculus GN=Gria2 PE=1 SV=3
PDE2A	Q9Z2S4	1	1	NA	2627	NA	24526	1890	9103	4987	NA	NA	NA	0.761148133	0.118530814	9681	7045	Down	-0.458556372011 1	cGMP-dependent 3',5'-cyclic phosphodiesterase OS=Mus musculus GN=Pde2a PE=1 SV=3
DLGAP2	Q8BJ42-2	19	19	30972.42	36472.53	31059.79	28751.84	41492.32	34051.11	37538.89	28313.26	44464.68	30187.26	0.761274175	0.118458903	33749.78	34911.04	Up	0.048805237522519 1	Isoform 2 of Disks large-associated protein 2 OS=Mus musculus GN=Dlgap2
PSMB4	P99026	1	1	2930	2789	NA	7016	4861	6957	4030	NA	3608	NA	0.761296323	0.118446268	4399	4865	Up	0.145264203758351	Proteasome subunit beta type-4 OS=Mus musculus GN=Psmb4 PE=1 SV=1
EHBP1	Q69ZW3	1	1	2174	4516	NA	8529	2340	6779	3555	NA	4534	NA	0.761310973	0.118437911	4389.75	4956	Up	0.175037408089263	EH domain-binding protein 1 OS=Mus musculus GN=Ehbp1 PE=1 SV=3
PTGDS	O09114	2	2	42046	35204	52136	34716	32146	36806	34952	22939	68246	46681	0.761478104	0.11834258	39249.6	41924.8	Up	0.095125950202334 2	Prostaglandin-H2 D-isomerase OS=Mus musculus GN=Ptgds PE=1 SV=1
CPSF7	Q8BTV2-3	1	1	7222	NA	NA	7820	4715	4916	10450	NA	NA	NA	0.7615961	0.118275289	6585.6667	7683	Up	0.222340261844304	Isoform 3 of Cleavage and polyadenylation specificity factor subunit 7 OS=Mus musculus GN=Cpsf7
CBR3	Q8K354	4	4	55607.25	60611	85117	24405.5	49910.75	48197.75	49023.25	50975.25	71738.25	73590	0.761814361	0.118150844	55130.3	58704.9	Up	0.090635475610644	Carbonyl reductase [NADPH] 3 OS=Mus musculus GN=Cbr3 PE=2 SV=1
D10JHU81E	Q9D172	27	27	133338.73	119712.19	91490.35	200290.65	142226.92	156793.5	137446.5	137319.42	152487.08	64542.42	0.761820539	0.118147323	137411.77	129717.78	Down	-0.083129279228463 3	E51 protein homolog, mitochondrial OS=Mus musculus GN=D10Jhu81e PE=1 SV=1
CACNB1	Q8R325-3	5	5	44747.8	47212.6	42945.4	24007.2	46810.2	43562.8	46805.4	34419.4	50941.2	38270	0.76197409	0.118059796	41144.64	42799.76	Up	0.056898206797046 4	Isoform 3 of Voltage-dependent L-type calcium channel subunit beta-1 OS=Mus musculus GN=Cacnb1
SPAG9	Q58A65-3	3	3	14608	27735.5	NA	44632.5	31733.5	46567.5	37063	NA	16058	NA	0.762429632	0.117800233	29677.375	33229.5	Up	0.163101095680386	Isoform 3 of C-Jun-amino-terminal kinase-interacting protein 4 OS=Mus musculus GN=Spag9
ACADM	P45952	3	3	104627	122159.33	113674	152145.67	96950.33	149223	118186.33	116661.33	112816	67236.33	0.762772785	0.11760481	117911.27	112824.6	Down	-0.063619931067476	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Acadm PE=1 SV=1
MYL12B	Q3THE2	7	7	13598.5	15543.5	373	31813.75	15359.25	20481	18481.25	12585.5	16522.75	NA	0.763025777	0.11746079	15337.6	17017.625	Up	0.149956956653283	Myosin regulatory light chain 12B OS=Mus musculus GN=Myl12b PE=1 SV=2
RTN3	Q9ES97-5	19	19	5503.94	15029.94	4736.29	50381.65	15309.29	27819.18	26383.76	8051.59	12790.71	388.53	0.763028244	0.117459386	18192.222	15086.754	Down	-0.270039323938492 8	Isoform 5 of Reticulon-3 OS=Mus musculus GN=Rtn3
CDR2L	A2A6T1	1	1	1784	NA	4589	9536	6059	5296	3877	NA	5655	NA	0.764568119	0.116583815	5492	4942.6667	Down	-0.152042011049101	Cerebellar degeneration-related protein 2-like OS=Mus musculus GN=Cdr2l PE=2 SV=1
SLC1A3	P56564	5	5	4651.8	12593	6062	34401	12918.2	20258.6	20567	8625.4	10093.8	968.6	0.764944324	0.116370173	14125.2	12102.68	Down	-0.222944743738578	Excitatory amino acid transporter 1 OS=Mus musculus GN=Slc1a3 PE=1 SV=2
TRF	Q921i1	15	15	80027.2	95527.73	76911.33	67174.2	83663.73	88843.13	103877.93	84573.73	85341.87	54988.33	0.765064678	0.116301848	80660.838	83524.998	Up	0.050339648742777	Serotransferrin OS=Mus musculus GN=Tf PE=1 SV=1
CCS	Q9WU84	1	1	874	1685	NA	2497	1759	1932	2011	NA	1518	NA	0.765129691	0.116264945	1703.75	1820.3333	Up	0.095488999605359	Copper chaperone for superoxide dismutase OS=Mus musculus GN=Ccs PE=2

PRDX5	P99029	49	49	199162.69	175320.61	154277.12	189368.65	191433.78	215467.02	181311.96	162882.02	198803.94	123718.12	0.767625383	0.114850673	181912.57	176436.61	Down	-0.0440952727495749	Peroxiredoxin-5, mitochondrial OS=Mus musculus GN=Prdx5 PE=1 SV=2
BCLAF1	Q8K019-3	3	3	49524.33	35090.33	38311.67	43624	45863	45246.33	45474.67	17539.67	51466	NA	0.767870701	0.114711903	42482.666	39931.668	Down	-0.0893409868241626	Isoform 3 of Bcl-2-associated transcription factor 1 OS=Mus musculus GN=Bclaf1
LZTFL1	Q9JHG5	2	2	48596.5	40611.5	39718.5	24127	43945	36586	38148.5	49477.5	48660.5	32310	0.767972705	0.114654215	39339.7	41036.5	Up	0.0587230441882292	Leucine zipper transcription factor-like protein 1 OS=Mus musculus GN=Lztfl1 PE=1 SV=1
GM996	A2AJA9-2	14	14	22808	26062.14	18754.93	25922.5	29138.43	30081.36	31454	23519.79	29817.21	13601.71	0.76823894	0.114503683	24537.2	25694.814	Up	0.0665065798506461	Isoform 2 of Uncharacterized protein C5orf172 homolog OS=Mus musculus GN=Gm996
MARCKSL1	P28667	25	25	17025	21888.23	18821.59	36466.05	15995.43	23811.32	22282.86	24716.09	29728.27	16283.23	0.768844625	0.114161418	22038.256	23364.354	Up	0.0842990881590143	MARCKS-related protein OS=Mus musculus GN=Marcksl1 PE=1 SV=2
TIMM8A1	Q9WVA2	5	5	57975.8	44108	54851.2	30493.8	42823.6	36935	50308	63301.8	50359.8	39611.4	0.769113416	0.114009613	46050.48	48103.2	Up	0.0629166764125	Mitochondrial import inner membrane translocase subunit Tim8 A OS=Mus musculus GN=Timm8a1 PE=1 SV=1
GNS	Q8BFR4	1	1	14789	14024	5235	19934	16579	19407	15722	5908	20473	NA	0.769320593	0.113892642	14112.2	15377.5	Up	0.123878063720048	N-acetylglucosamine-6-sulfatase OS=Mus musculus GN=Gns PE=2 SV=1
NUDT21	Q9CQF3	2	2	65938.5	49521	64813.5	17985.5	41193	28071.5	42582	27619.5	37693.5	83016	0.76944252	0.113823818	47890.3	43796.5	Down	-0.128917891730862	Cleavage and polyadenylation specificity factor subunit 5 OS=Mus musculus GN=Nudt21 PE=1 SV=1
CCDC177	Q3UHB8	10	10	36925	35666.8	27244.9	37315.7	40714.9	41586.3	40014.1	19177.2	53412.8	11108.4	0.769561685	0.113756563	35573.46	33059.76	Down	-0.105725051517786	Coiled-coil domain-containing protein 177 OS=Mus musculus GN=Ccdc177 PE=1 SV=1
DDX17	Q501J6	11	11	52251.82	38697.64	40479.64	29963.73	42821	35488.55	35896.55	48783.91	42681	48308.27	0.770659037	0.113137725	40842.766	42231.656	Up	0.0482442462768982	Probable ATP-dependent RNA helicase DDX17 OS=Mus musculus GN=Ddx17 PE=2 SV=1
DBN1	Q9QXS6	44	44	40037.45	43897.45	46830.19	39928.19	41289.38	37026.93	46398.52	41065.05	47474.07	43502.83	0.770694602	0.113117683	42396.532	43093.48	Up	0.023523349126461	Drebrin OS=Mus musculus GN=Dbn1 PE=1 SV=4
HUWE1	Q7TMY8-3	2	2	1857.5	4596.5	1813.5	13795	5985.5	1252.5	10042	3060	1279	NA	0.770763338	0.113078951	5609.6	6658.375	Up	0.247272242210288	Isoform 3 of E3 ubiquitin-protein ligase HUWE1 OS=Mus musculus GN=Huwe1
PRPF40A	Q9R1C7	2	2	14897	11889	7457	5740	12041	11310	7597	NA	10470	NA	0.770872992	0.11301717	10404.8	9792.3333	Down	-0.0875246603453404	Pre-mRNA-processing factor 40 homolog A OS=Mus musculus GN=Prpf40a PE=1 SV=1
ABI3	Q8BYZ1	1	1	26438	21018	34264	13952	27823	21233	27250	NA	29457	NA	0.771081281	0.11289984	24699	25980	Up	0.0729487988643445	ABI gene family member 3 OS=Mus musculus GN=Abi3 PE=2 SV=3
GPRIN3	Q8BWS5	5	5	19541.8	23315.6	11108	17054.8	20399.2	19699	21815.4	6066.4	20388.2	NA	0.771510537	0.112658138	18283.88	16992.25	Down	-0.105695358258779	G protein-regulated inducer of neurite outgrowth 3 OS=Mus musculus GN=Gprin3 PE=1 SV=1
NSFL1C	Q9CZ44-3	10	10	9209.3	7859.5	2561.3	16404.5	9860.8	13504.1	11466.5	2110.2	13935.4	NA	0.771687103	0.112558758	9179.08	10254.05	Up	0.159772369932633	Isoform 3 of NSFL1 cofactor p47 OS=Mus musculus GN=Nsfl1c
RAB1A	P62821	6	6	17006.33	23576	16521.83	27119.67	21974	26103	32004	13641.67	18043.67	9462	0.771695193	0.112554205	21239.566	19850.868	Down	-0.0975521949443514	Ras-related protein Rab-1A OS=Mus musculus GN=Rab1A PE=1 SV=3
SPTAN1	P16546	267	267	47768.42	61510.32	35172.62	96241.76	64435.39	73197.13	74873.73	41325.97	62165.2	33715.42	0.771800149	0.112495142	61025.702	57055.49	Down	-0.0970512735643918	Spectrin alpha chain, non-erythrocytic 1 OS=Mus musculus GN=Sptan1 PE=1 SV=4
1700021F05RIK	Q9CQF4	4	4	107397.75	98065.5	90095	47370.25	79910.5	72603.25	73099.75	101028.25	96567.75	60065.75	0.771814198	0.112487237	84567.8	80672.95	Down	-0.0680234354378277	Uncharacterized protein C6orf203 homolog OS=Mus musculus PE=1 SV=1
GRM5	Q31JV05	5	5	14049.75	15490.75	4156.5	31139.25	16920.75	23245.25	21471.75	12636.5	14166.5	NA	0.772277318	0.112254839	16351.4	17880	Up	0.128932572566147	Metabotropic glutamate receptor 5 OS=Mus musculus GN=Grm5 PE=1 SV=2
NAV1	Q8CH77-4	4	4	18132.25	18688.25	11657.75	19050.5	22113.25	18920	26628.5	3551.5	27584	4586.25	0.772374001	0.112172353	17928.4	16254.05	Down	-0.141447504910 1	Isoform 4 of Neuron navigator 1 OS=Mus musculus GN=Nav1
LSM7	Q9CQQ8	1	1	6964	4790	6181	5696	8338	8691	6340	3092	7355	8240	0.773136785	0.111743663	6393.8	6743.6	Up	0.0768453477548664	U6 snRNA-associated Sm-like protein LSm7 OS=Mus musculus GN=Lsm7 PE=3 SV=1
ARL15	Q8BGR6	2	2	23293	28459.5	22238.5	34851.5	32147.5	26994.5	30364	27538	39394.5	22281.5	0.773250454	0.111679817	28198	29314.5	Up	0.0560216095542159	ADP-ribosylation factor-like protein 15 OS=Mus musculus GN=Arl15 PE=2 SV=1
CDC42EP4	Q9JM96	12	12	38538.92	34889.92	41759.08	23845.75	34348	35933	35369.58	32060.08	47323	29118.42	0.774017412	0.111249269	34676.334	35960.816	Up	0.0524743737892615	Cdc42 effector protein 4 OS=Mus musculus GN=Cdc42ep4 PE=1 SV=1
CPEB4	Q7TN98-3	1	1	20576	26558	10168	31322	13707	20241	28829	NA	17077	NA	0.774171212	0.111162982	20466.2	22049	Up	0.1074699667999	Isoform 3 of Cytoplasmic polyadenylation element-binding protein 4 OS=Mus musculus GN=Cpeb4
DBN1	Q9QXS6-3	41	41	42636.87	4644.9	50432.51	42101.92	43659.51	38918.31	48886.1	44223.9	50129.31	46849.21	0.774530757	0.110961332	45054.342	45801.366	Up	0.0237244776523181	Isoform E2 of Drebrin OS=Mus musculus GN=Dbn1
EEF1D	P57776	16	16	57556.4	50095.4	78812.33	33411.33	47964.67	45472	48594.6	61943.8	62539	61727.2	0.774856473	0.110778735	53568.026	56055.32	Up	0.0654791670656221	Elongation factor 1-delta OS=Mus musculus GN=Eef1d PE=1 SV=3
CCT3	P80318	23	23	52836.5	73614.17	65966.17	95005.67	73372.43	82159.61	75605.26	72855.09	69665.96	71304	0.775613875	0.110751701	72150.902	74317.984	Up	0.0426993953667442	T-complex protein 1 subunit gamma OS=Mus musculus GN=Cct3 PE=1 SV=1
CIRBP	P60824	6	6	61885.5	77676	27793	75124	47033	62280.67	72594.5	23634.33	166768.5	8196.33	0.775840538	0.110227532	57902.3	66694.866	Up	0.203955054508339	Cold-inducible RNA-binding protein OS=Mus musculus GN=Cirbp PE=1 SV=1
ANP32B	Q9EST5	1	1	5164	17614	NA	29613	18642	17561	18012	NA	22519	NA	0.776432537	0.109896273	17758.25	19364	Up	0.12488758208721	Acidic leucine-rich nuclear phosphoprotein 32 family member B OS=Mus musculus GN=Anp32b PE=1 SV=1
ADAM23	Q9R1V7	9	9	32795.22	40960.89	25596.89	42421.22	39408.67	44405	42432.56	34736.11	38147	11518.78	0.776512312	0.109851654	36236.578	34247.89	Down	-0.0814316140636909	Disintegrin and metalloproteinase domain-containing protein 23 OS=Mus musculus GN=Adam23 PE=1 SV=1
LZTS3	A2AHG0-2	9	9	17951.83	23178.33	18511.83	13628.67	22415.33	20291.33	19023.33	4611.83	26593.5	NA	0.776721223	0.109734828	19137.198	17629.998	Down	-0.118347340966456	Isoform 2 of Leucine zipper putative tumor suppressor 3 OS=Mus musculus GN=Lzts3
TLN1	P26039	15	15	20994.2	32682.6	26933.2	51021.93	41027.27	43735.4	45814.8	27141.47	38762.93	26964.53	0.776727186	0.109734472	34531.84	36483.826	Up	0.0793298215094855	Talin-1 OS=Mus musculus GN=Tln1 PE=1 SV=2
ACADL	P51174	7	7	61256.71	58014.71	71326.43	59587.71	60532.86	70386.71	59796.43	71982.43	61858.43	36589	0.776819708	0.109679765	62143.684	60122.6	Down	-0.0477003698925194	Long-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Acadl PE=1 SV=2
HCN4	O70507	1	1	2878	4416	NA	14184	8286	9508	12303	NA	3716	NA	0.777231557	0.109402633	7441	8509.1	Up	0.193493073641123	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 4 OS=Mus musculus GN=Hcn4 PE=2 SV=2
M6PR	P24668	1	1	1277	5059	NA	25771	3656	11294	10098	NA	NA	NA	0.777702303	0.109186615	8940.75	10696	Up	0.258603607636605	Cation-dependent mannose-6-phosphate receptor OS=Mus musculus GN=M6pr PE=1 SV=1
S1PR1	O08530	1	1	4597	12519	9150	21128	13203	16596	24186	5312	8380	NA	0.777770149	0.109148729	12119.4	13618.5	Up	0.168249530984619	Sphingosine 1-phosphate receptor 1 OS=Mus musculus GN=S1pr1 PE=1 SV=3
CCT8	P42932	15	15	16991.2	30384.87	22381.53	47872.53	29719.53	40523.67	37773.33	20242.47	33364	2685.13	0.777867918	0.10909414	29469.932	26917.72	Down	-0.130687516389473	T-complex protein 1 subunit theta OS=Mus musculus GN=Cct8 PE=1 SV=3
LYPLA2	Q9WTL7	1	1	12546	27341	NA	30949	23788	21971	28454	NA	NA	NA	0.778553945	0.108711291	23656	25212.5	Up	0.091933030267362	Acyl-protein thioesterase 2 OS=Mus musculus GN=Lypla2 PE=1 SV=1
ADGRB2	Q8CGM1-3	8	8	22756.88	51521.12	21078.5	67824.5	60233.62	67710.25	90555	19648.62	69366.5	3977.75	0.778834868	0.108554613	44682.924	50251.624	Up	0.169446623903234	Isoform 3 of Brain-specific angiogenesis inhibitor 2 OS=Mus musculus GN=Bai2
PDIA4	P08003	11	11	52221	55347.09	76210.45	71062	51991.91	58070	55060.27	84156.55	51991.18	45363.45	0.779111386	0.108400449	61366.49	58928.29	Down	-0.0584906653063277	Protein disulfide-isomerase A4 OS=Mus musculus GN=Pdia4 PE=1 SV=3
SPTAN1	P16546-2	254	254	43448.19	57595.32	35164.06	91068.26	59034.9	67974.4	69338.24	42046.87	57004.21	32548.69	0.779288788	0.108301572	57262.146	53782.482	Down	-0.0904454034213868	Isoform 2 of Spectrin alpha chain, non-erythrocytic 1 OS=Mus musculus GN=Sptan1
SPTBN1	Q62261-2	143	143	17325.91	40774.52	16300.7	133141.85	41360.74	72301.18	70719.39	19475.89	32905.21	17373.98	0.779370157	0.108256228	49780.744	42555.13	Down	-0.226254733760862	Isoform 2 of Spectrin beta chain, non-erythrocytic 1 OS=Mus musculus GN=Sptbn1
MTIF3	Q9CZD5	3	3	18165	22042.67	10775.67	22298.67	18032.67	24754	17581	6539	30928.67	NA	0.779666975	0.108090861	18262.936	19950.668	Up	0.12751830065961	Translation initiation factor IF-3, mitochondrial OS=Mus musculus GN=Mtif3 PE=1 SV=1
SPEN	Q6Z504-3	1	1	4096	5836	NA	12040	8572	12179	3853	NA	9582	NA	0.779836366	0.107996517	7636	8538	Up	0.161081059843701	Isoform 3 of Msx2-interacting protein OS=Mus musculus GN=Spen
CCDC136	Q3TVA9	11	11	2628.18	6628.73	1206.73	20118	7752.82	13206.64	12064.09	5383.64	4676.36	NA	0.780050483	0.10787729	7666.892	8832.6825	Up	0.204209795842373	Coiled-coil domain-containing protein 136 OS=Mus musculus GN=Ccdc136 PE=2 SV=2
AB30010M20RIK	Q80TK0	14	14	24075.69	21422.77	19270	25080.77	25210.38	28594.92	26412.85	16579.77	33499.92	15419.54	0.780099073	0.107850238	23011.922	24101.4	Up	0.0667354667718717	Uncharacterized protein KIAA1107 OS=Mus musculus GN=Kiaa1107 PE=2 SV=5
ACAA2	Q8BWT1	25	25	62553.6	62768.16	58077.08	56002.6	67880.44	67104.84	61623.84	75837.72	66865.8	44156.32	0.780163069	0.107814612	61456.376	63117.704	Up	0.0384820304871351	3-ketoacyl-CoA thiolase, mitochondrial OS=Mus musculus GN=Acaa2 PE=1 SV=3
GLS	D3Z7P3-2	6	6	19885.17	26727.33	21651.83	39424.33	29033.83	32784.33	28312.33	31121.67	25304.67	24730.83	0.780719043	0.107505228	27344.498	28450.766	Up	0.0572169189152035	Isoform 2 of Glutaminase kidney isoform, mitochondrial OS=Mus musculus GN=Gls
LSAMP	Q8BLK3	23	23	9973.57	22129.61	14326.7	64026.61	21781.57	38669.78	37620.96	12631.83	23385.91	3210.83	0.780793951	0.10746356	26567.612	23103.862	Down	-0.201534528524145	Limbic system-associated membrane protein OS=Mus musculus GN=Lsamp PE=1 SV=1
GOLGA2	Q921M4	5	5	7037.8	9159.6	391.4	14832.4	10112.6	10958.6	11435	NA	5223.8	NA	0.780932328	0.107386598	8306.76	9205.8	Up	0.1482572272373	Golgin subfamily A member 2 OS=Mus musculus GN=Golga2 PE=2 SV=3
SEC62	Q8BU14	1	1	12171	52382	NA	102704	40215	79850	70803	NA	26918	NA	0.781441194	0.107103699	51868	59190.333	Up	0.190516840125312	Translocation protein SEC62 OS=Mus musculus GN=Sec62 PE=1 SV=1
GNAS	Q6R0H7-4	5	5	59260.8	84024	63952.8	136124.6	87841.4	119843.4	142322.2	83419.4	78627	39139.8	0.782256698	0.10665071	86240.72	92670.36	Up	0.103738753384836	Isoform XLas-4 of Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas OS=Mus musculus GN=Gnas
SRSF1	Q6PDM2	3	3	33234.33	27729	1192.33	21431	30053	27803.33	25829.67	1254	26180.67	NA	0.782274411	0.106640876	22727.932	20266.918	Down	-0.165339741667004	Serine/arginine-rich splicing factor 1 OS=Mus musculus GN=Srsf1 PE=1 SV=3
KIRREL3	Q8BR86-3	2	2	NA	2398.5	NA	6289.5	2504.5	5142.5	5381.5	1746	597	NA	0.78246146	0.106537045	3730.8333	3216.75	Down	-0.213894095713038	Isoform 3 of Kin of IRRE-like protein 3 OS=Mus musculus GN=Kirrel3
SPRED1	Q924S8	1	1	4879	24919	13953	27627	25347	22505	25843	NA	14440	NA	0.782762039	0.106370244	19345	20929.333	Up	0.113565629061326	Sprouty-related, EVH1 domain-containing protein 1 OS=Mus musculus GN=Spred1 PE=1 SV=1
CADM2	Q8BLQ9-3	17	17	31790.38	42395.06	33109.62	78525.81	45295.25	62478.19	59227.81	38729.06	35637.12	18279.44	0.782794627	0.106352164	46223.224	42870.324	Down	-0.108638568496046	Isoform 3 of Cell adhesion molecule 2 OS=Mus musculus GN=Cadm2
AKAP12	Q9WTQ5	6	6	15302.6	17001.8	7722.4	26645.2	19173	21558.4	24170.6	8356.4	17978.2	7584	0.783099098	0.106183276	17230.6	15929.56	Down	-0.113265217709 8	A-kinase anchor protein 12 OS=Mus musculus GN=Akap12 PE=1 SV=1
DRG1	P32233	2	2	3471	5963.5	NA	18476	9677.5	14268	12401.5	10319	5061	NA	0.783201416	0.106126536	9397	10512.375	Up	0.161816492033359	Developmentally-regulated GTP-binding protein 1 OS=Mus musculus GN=Drg1 PE=1 SV=1
PREP	Q9QUR6	2	2	1794	3616.5	3347.5	6585.5	5030	6655	5287	2905	3322	3727	0.783255939	0.106096304	4074.7	4379.2	Up	0.103973495059436	Prolyl endopeptidase OS=Mus musculus GN=Prep PE=2 SV=1
CHGB	P16014	3	3	5464.67	6750	12920.33	6178.67	7308.67	8162	7742.67	6117.67	13596.33	5760	0.783435516	0.105996744	7724.468	8275.734	Up	0.0994516995389924	Secretogranin-1 OS=Mus musculus GN=Chgb PE=1 SV=2
PPP1CB	P62141	2	2	18448	21073	8027.5	32533	16535.5	25156	17825.5	21511	17798	NA	0.783780644	0.105805466	19323.4	20572.625	Up	0.0903769265325957	Serine/threonine-protein phosphatase PP1-beta catalytic subunit OS=Mus musculus GN=Ppp1cb PE=1 SV=3
GMFG	Q9ERL7	1	1	97268	86291	62683	134023	115738	87090	96207	NA	102963	NA	0.78386289	0.105759896	99200.6	95420	Down	-0.0560571602416136	Glia maturation factor gamma OS=Mus musculus GN=Gmfg PE=1 SV=1
RIN1	Q921Q7	1	1	3742	4580	1413	12602	5912	8936	6407	2799	1577	NA	0.784032182	0.105666111	5649.8	4929.75	Down	-0.196685312002478	Ras and Rab interactor 1 OS=Mus musculus GN=Rin1 PE=1 SV=1
ABLIM2	Q8BL65	17	17	28020	26484.8	13390.44	30451.94	30984.25	30418.94	32696.81	16254.25	38203.62	1046.69	0.784052318	0.105654957	25866.302	23724.062	Down	-0.124722765305562	Actin-binding LIM protein 2 OS=Mus musculus GN=Ablim2 PE=1 SV=1
CCDC124	Q9DBK2	4	4	13989.5	17424.25	10453	15944.75	15277.5	14091.75	16672.75	1003.75	16264.25	NA	0.784075847	0.105641924	14617.8	13335.625	Down	-0.132440758759522	Coiled-coil domain-containing protein 124 OS=Mus musculus GN=Ccdc124 PE=2 SV=1
PMM2	Q92ZM7	2	2	8543.5	8051.5	5052	11137.5	7521.5	10120.5	8342.5	3647.5	8196	NA	0.784582839	0.105361195	8061.2	7576.625	Down	-0.0894392716420983	Phosphomannomutase 2 OS=Mus musculus GN=Pmm2 PE=1 SV=1
NELL2	Q61220	8	8	1917.33	2402	1110.17	5894	4141.67	4439.67	5128.17	743.83	2427.33	988.83	0.785497878	0.104854984	3093.034	2745.566	Down	-0.171919099959631	Protein kinase C-binding protein NELL2 OS=Mus musculus GN=Nell2 PE=2 SV=3
VAMP2	P63044	6	6	25407.33	63381.33	25873.33	53308.83	66735	71022.17	108368.33	37221.67	45239.17	1284.67	0.785680073	0.104754262	46941.164	52627.202	Up	0.164955077124865	Vesicle-associated membrane protein 2 OS=Mus musculus GN=Vamp2 PE=1 SV=2
BAALC	Q8VHV1	2	2	30289	34196.5	35827.5	19607	32108.5	30411	35098	21103	40752	NA	0.786273517	0.104426352	30405.7	31841	Up	0.0665438423116125	Brain and acute leukemia cytoplasmic protein OS=Mus musculus GN=Baalc PE=2 SV=3
WBP11	Q923D5	1	1	39191	26017	10305	17371	22089	22881	25282	6789	29247	NA	0.786325108	0.104397857	22994.6	21049.75	Down	-0.12749200265088	WW domain-binding protein 11 OS=Mus musculus GN=Wbp11 PE=1 SV=2
STX1B	P61264	29	29	20884.37	48065.89	27943.22	97321.81	47158.19	75983.07	72510.07	41360.3	53327.33	21688.48	0.786413802	0.104348873	48274.696	52973.85	Up	0.134013189595973	Syntaxin-1B OS=Mus musculus GN=Stx1b PE=1 SV=1
TCP1	P11983	10	10	21352.89	21655.78	23931.33	25955.56	23829.89	23074.67	23668.22	32822.56	23608.44	7581.44	0.787136839	0.103949762	23345.09	22151.066	Down	-0.107574302162245581	T-complex protein 1 subunit alpha OS=Mus musculus GN=Tcp1 PE=1 SV=3
USO1	Q9Z1Z0-4	4	4	18112.5	52725	4103.25	140891.5	46879	93006.25	94761.25	15439.75	41576.5	NA	0.787379936	0.103815656	52542.25	61195.938	Up	0.219957900741598	Isoform 4 of General vesicular transport factor p115 OS=Mus musculus GN=Uso1
SEL1L	Q9Z2G6	1	1	41022	66139	23453	146203	41112	93043	64940	NA	53712	NA	0.787429067	0.103788558	63585.8	70565	Up	0.150248170676493	Protein sel-1 homolog 1 OS=Mus musculus GN=Sel1l PE=2 SV=2
RILPL1	Q9JJC6	1	1	758	1027	NA	1849	468	942	934	NA	NA	NA	0.787705918	0.103635892	1025.5	938	Down	-0.128667663964476	RILP-like protein 1 OS=Mus musculus GN=Rilpl1 PE=2 SV=1
NDUFAF8	A2AMZ4	1	1	43120	41112	68020	29930	47677	54111	37659	25053	87058	43080	0.788326064	0.103294115	45971.8	49392.2	Up	0.103534074696124	Uncharacterized protein C17orf89 homolog OS=Mus musculus PE=4 SV=1
SH3KBP1	Q8R550-3	2	2	62766.5	66574	51684.5	36391	70812	46474.5	54844	NA	82549.5	NA	0.788520047	0.103187261	57645.6	61289.333	Up	0.088425518766434 2	Isoform 3 of SH3 domain-containing kinase-binding protein 1 OS=Mus musculus GN=Sh3kbp1
CLIP2	Q9Z0H8-2	21	21	27677.67	28826	17405.38	40190.9	32074.14	35487.57	35808.05	12733.57	41589	10077.29	0.788661245	0.1031095	29234.818	27139.096	Down	-0.107314944353944	Isoform 2 of CAP-Gly domain-containing linker protein 2 OS=Mus musculus GN=Clip2
ENSA	P60840	11	11	246226.73	207672.36	199889.36	71999.18	211682.45	151136.55	187448.36	187748.27	284967.27	61289.36	0.788922867	0.102965456	187494.02	174517.96	Down	-0.103469020438092	Alpha-endosulfine OS=Mus musculus GN=Ensa PE=1 SV=2
CNOT3	Q8K0V4	1	1	NA	18766	NA	17490	12211	15562	18137	NA	12557	NA	0.789473259	0.102662576	16155.667	15418.667	Down	-0.0673622717112426	CCR4-NOT transcription complex subunit 3 OS=Mus musculus GN=Cnot3 PE=1 SV=1
CKAP4	Q8BMK4	20	20	14561.53	21411.79	7913.26	50868.95	19745	36877.79	33480.37	11206.89	18643.26	433.05	0.789581731	0.102602909	22900.106	20128.272	Down	-0.186130953206766	Cytoskeleton-associated protein 4 OS=Mus musculus GN=Ckap4 PE=1 SV=2
RPL34	Q9D1R9	9	9	142645.89	153004.89	181055.89	86172.56	131635.67	119678.11	148102.56	103249.89	203186.78	84557.67	0.789802778	0.102481343	138902.98	131755	Down	-0.0762198170717177	60S ribosomal protein L34 OS=Mus musculus GN=Rpl34 PE=1 SV=2
SLC3A2	P10852	9	9	40963.11	80485	59656.78	130809.22	84672.44	123764	129229.78	57898.44	47705.67	69333.89	0.7901291	0.102301943	79317.31	85586.356	Up	0.109745073253776	4F2 cell-surface antigen heavy chain OS=Mus musculus GN=Slc3a2 PE=1 SV=1
FHL2	O70433	2	2	29515.5	24029.5	27338.5	33505	25481.5	34727	31670	31817.5	40572.5	8969.5	0.791567681	0.101511946	27974	29551.3	Up	0.0791350384125063	Four and a half LIM domains protein 2 OS=Mus musculus GN=Fhl2 PE=1 SV=1
ETL4	A2AQ25-8	11	11	27199.27	28041	24045.18	23144.73	34173.82	29708.36	33754.27	18606.82	42357.82	19004.45	0.791723323	0.101426561	27320.8	28686.344	Up	0.0703643832503 51	Isoform 8 of Sickle tail protein OS=Mus musculus GN=Skt
PSD3	Q2PFD7-4	10	10	88562.1	83576.2	73944	84438.2	76527.3	73511.1	87204.9	73945.7	107135.5	52058.9	0.791891746	0.101334184	81409.56	78771.22	Down	-0.0475296012571856	Isoform 4 of PH and SEC7 domain-containing protein 3 OS=Mus musculus GN=Psd3
CYS1	Q8R4T1	1	1	1572	2440	NA	3462	3449	3516	2329	NA	2823	NA	0.792071194	0.101235372	2730.75	2889.3333	Up	0.0814394112068463	Cystin-1 OS=Mus musculus GN=Cys1 PE=1 SV=1
HNRNPA1	P49312	13	13	77563.54	57213	48284.69	59723.46	63937.62	76033.54	60627.85	69199.46	68394.69	42634.62	0.792646383	0.100920518	61344.462	63378.032	Up	0.0470497547373623	Heterogeneous nuclear ribonucleoprotein A1 OS=Mus musculus GN=Hnrnpa1 PE=1 SV=2
MICU3	Q9CTY5	1	1	1296	7165	NA	8758	4735	8376	4168	NA	NA	NA	0.792897822	0.100782775	5488.5	6272	Up	0.192513643054965	Calcium uptake protein 3, mitochondrial OS=Mus musculus GN=Micu3 PE=2 SV=2
CC2D1A	Q8K1A6	7	7	28223.86	33332.71	28348.71	27395.29	29379.57	34190.71	32587.14	10000	45406	15295.14	0.793234469	0.100598422	29336.028	27495.798	Down	-0.0934623901629448	Coiled-coil and C2 domain-containing protein 1A OS=Mus musculus GN=Cc2d1a PE=1 SV=2
PA2G4	P50580	12	12	16063.58	20514.5	17603.25	23476.33	19141.67	20683.17	24486.83	12363.83	25371.25	9046.75	0.793343571	0.100538693	19359.866	18390.366	Down	-0.0741187748271134	Proliferation-associated protein 2G4 OS=Mus musculus GN=Pa2g4 PE=1 SV=3
TNKS1BP1	P58871	15	15

HSPD1	P63038	152	152	114774.9	110820.36	104922.28	89589.86	105294.36	101551.16	103286.22	102323.15	102252.29	124158.23	0.796216114	0.098969037	105080.35	106714.21	Up	0.02225935900031	60 kDa heat shock protein, mitochondrial OS=Mus musculus GN=Hspd1 PE=1 SV=1
SH2D5	Q8JZW5	1	1	NA	4557	NA	41125	4996	15188	11436	NA	NA	NA	0.796662479	0.098725636	16892.667	13312	Down	-0.343669750536547	SH2 domain-containing protein 5 OS=Mus musculus GN=Sh2d5 PE=2 SV=2
HSPD1	P63038-2	77	77	131395.62	122589.72	83477.68	117501.28	102498.45	115585.78	111738.76	99512.32	168424.85	0.79671887	0.098694897	115518.46	119552.03	Up	0.049515236827137	Isoform 2 of 60 kDa heat shock protein, mitochondrial OS=Mus musculus GN=Hspd1
TXNDC12	Q9CQU0	5	5	16266.8	9955	9073.8	17275.8	14771.2	19283.8	12385.4	3386.6	14757.2	NA	0.797956259	0.098020915	13468.52	12453.25	Down	-0.113069027428571	Thioredoxin domain-containing protein 12 OS=Mus musculus GN=Txndc12 PE=2 SV=1
VAPA	Q9WVV5	7	7	12771.21	28262.29	28758.43	81826.26	22422.43	46424.24	38256.14	29006	32327.57	9946.86	0.798562674	0.097690993	34808.23	31192.2	Down	-0.158243144585988	Vesicle-associated membrane protein-associated protein A OS=Mus musculus GN=Vapa PE=1 SV=2
GNAS	Q6R0H7	7	7	42840.57	62304.43	45680.57	100992	64444.57	89439.86	104343.14	59585.29	57290.57	27957	0.798603967	0.097668537	63252.428	67723.172	Up	0.098528687398903	Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas OS=Mus musculus GN=Gnas PE=2 SV=1
ARMC10	Q9D0L7	1	1	5541	5522	5672	15566	6335	9724	6993	NA	4479	NA	0.798651052	0.097642932	7727.2	7065.3333	Down	-0.12918811247014 6	Armadillo repeat-containing protein 10 OS=Mus musculus GN=Armc10 PE=1 SV=1
DNM1	P39053-5	51	51	43853.48	54165.82	38016.12	72349.3	52289.86	63786.6	62803.18	45610.4	48279.86	28743	0.798736595	0.097596417	52134.916	49844.608	Down	-0.0648124557588378	Isoform 5 of Dynamin-1 OS=Mus musculus GN=Dnm1
GRIN2B	Q01097	24	24	11621.52	21943.61	9753.65	47226.87	28124.57	39037.83	39901.87	15343.65	22225	13774.96	0.799227919	0.097329354	23734.044	26056.662	Up	0.134694339043713	Glutamate receptor ionotropic, NMDA 2B OS=Mus musculus GN=Grin2b PE=1 SV=3
GCDH	Q60759	1	1	2297	9789	NA	9626	6932	7320	7985	NA	NA	NA	0.799293582	0.097293674	7161	7652.5	Up	0.0957700726114212	Glutaryl-CoA dehydrogenase, mitochondrial OS=Mus musculus GN=Gcdh PE=1 SV=2
ABLIM1	Q8K4G5-4	12	12	19862.83	25707.67	17777.67	23102.17	26214.42	24870.58	26774.83	18012.25	30258.33	6781.75	0.799384385	0.09724434	22532.952	21339.548	Down	-0.0785067124537887	Isoform 4 of Actin-binding LIM protein 1 OS=Mus musculus GN=Ablim1
HSPA1A	Q61696	23	23	36955.3	37387.91	35750.57	69396.22	35533.7	47405.78	39422	34443.35	39357.13	45037.74	0.799820087	0.097007693	43004.74	41133.2	Down	-0.0649323708522593	Heat shock 70 kDa protein 1A OS=Mus musculus GN=Hspa1a PE=1 SV=2
DNM1L	Q8K1M6-2	15	15	19123.43	25795.64	21557.29	44020.36	26217.21	31775.93	33543.14	18759.93	24682.57	34928.21	0.801109072	0.09630835	27342.786	28737.956	Up	0.0717972041847198	Isoform 2 of Dynamin-1-like protein OS=Mus musculus GN=Dnm1l
SLC6A11	P31650	9	9	19511.44	36894.22	10026.11	119569.44	35772.33	62674.33	63220	13749.44	33566.11	19486.33	0.801132557	0.096295619	44354.708	38539.242	Down	-0.20275904992533	Sodium- and chloride-dependent GABA transporter 3 OS=Mus musculus GN=Slc6a11 PE=1 SV=2
ARHGEF7	Q9ES28-4	6	6	34768.6	48295.8	38079	70930.6	50201.8	55214	52143.8	27871.6	51126.8	45504.2	0.801585319	0.096050245	48455.16	46372.08	Down	-0.0633938670755672	Isoform D of Rho guanine nucleotide exchange factor 7 OS=Mus musculus GN=Arhgef7
UBE2V1	Q9CZY3-2	16	16	38840.79	37232.29	37603.93	21701.43	32163.29	30629.14	31968.21	36481.86	36730.29	26938.21	0.801814609	0.095926035	33508.346	32549.542	Down	-0.0418832320894103	Isoform 2 of Ubiquitin-conjugating enzyme E2 variant 1 OS=Mus musculus GN=Ube2v1
RMDN3	Q3UJU9	2	2	11231	17975	14646.5	20908	16650	22072	17300	13003.5	9385	NA	0.801929981	0.09586355	16282.1	15440.125	Down	-0.076602352220316	Regulator of microtubule dynamics protein 3 OS=Mus musculus GN=Rmdn3 PE=1 SV=2
CNKSR3	Q8BMA3	2	2	13497	18282	5765	30540.5	17869	26636.5	27371	9988	21673.5	7765	0.802064022	0.095790964	17190.7	18686.8	Up	0.120391245438882	Connector enhancer of kinase suppressor of ras 3 OS=Mus musculus GN=Cnksr3 PE=1 SV=1
RPS10	P63325	11	11	98946.36	97405.91	136986.36	73999.73	79042.18	75650	98368.18	90138.09	131380.36	70874.09	0.80214614	0.095746502	97276.108	93282.144	Down	-0.0604845600891 08	40S ribosomal protein S10 OS=Mus musculus GN=Rps10 PE=1 SV=1
PPP1R13B	Q62415	1	1	1563	2090	NA	7708	2270	4034	1807	NA	NA	NA	0.802687947	0.095453258	3409.25	2920.5	Down	-0.223239011276909	Apoptosis-stimulating of p53 protein 1 OS=Mus musculus GN=Ppp1r13b PE=2 SV=2
ARHGAP44	Q5SSM3-4	1	1	62767	94452	92265	103765	71959	91505	93868	53060	88935	NA	0.803105306	0.095227505	85041.6	81842	Down	-0.0553273393231317	Isoform 4 of Rho GTPase-activating protein 44 OS=Mus musculus GN=Arhgap44
TPPP	Q7TQD2	37	37	176898.28	131164.97	139489.19	121166.22	158336.53	129791.89	136274.92	146583.72	149532.25	150771	0.803247227	0.095150765	145411.04	142590.76	Down	-0.0282563303881393	Tubulin polymerization-promoting protein OS=Mus musculus GN=Tppp PE=1 SV=1
MYH9	Q8VDD5	33	33	4316.07	10496.93	4227.1	34094.83	14846.5	20287.17	20595.23	3698.27	11837.43	2893.53	0.803277759	0.095134258	13596.286	11862.326	Down	-0.196825689090019	Myosin-9 OS=Mus musculus GN=Myh9 PE=1 SV=4
MRPS23	Q8VE22	11	11	22948.18	21104.27	26083	20976.82	22280.18	22439.64	23857.27	14510.18	26061.73	30110.45	0.803430221	0.095051836	22678.49	23395.854	Up	0.0449283065586715	28S ribosomal protein S23, mitochondrial OS=Mus musculus GN=Mrps23 PE=1 SV=1
NSFL1C	Q9CZ44	9	9	9590.78	8223.67	2845.89	17765.22	10313.44	14212.56	11976.56	2344.67	14312	NA	0.803494941	0.095016853	9747.8	10711.448	Up	0.136004896953185	NSFL1 cofactor p47 OS=Mus musculus GN=Nsfl1c PE=1 SV=1
MRPS26	Q80ZS3	5	5	18277.8	18536	4926	24876.6	16073.8	20472	19528.6	6990.2	24308.6	NA	0.803718551	0.094896008	16538.04	17824.85	Up	0.108101671982503	28S ribosomal protein S26, mitochondrial OS=Mus musculus GN=Mrps26 PE=1 SV=1
AFDN	Q9QZQ1	12	12	10620.58	16548	6764.17	23805.75	19542.08	22932.17	25957.42	7971.33	23323.58	4102.42	0.803735212	0.094887005	15456.116	16857.384	Up	0.125202843218221	Afadin OS=Mus musculus GN=Mllt4 PE=1 SV=3
TUBB3	Q9ERD7	67	67	51904.86	60094.53	57284.45	62617.68	47547.28	56815.71	56545.15	57676.11	52392.67	52124.26	0.804883523	0.094885535	55889.736	55110.27	Down	-0.0202490758767056	Tubulin beta-3 chain OS=Mus musculus GN=Tubb3 PE=1 SV=1
TRIO	Q0KL02-4	8	8	3636.17	6351.67	4049.83	17061.17	9278.83	12422.5	12435.67	5040.33	6381.67	7845.5	0.803845473	0.09482743	8075.534	8825.134	Up	0.12806052275344	Isoform 4 of Triple functional domain protein OS=Mus musculus GN=Trio
ADAM23	Q9R1V7-3	8	8	34575.88	42173.12	27637.75	43179.12	40411.12	46767.62	45065.75	35832.25	38609.5	12958.62	0.803877117	0.094810333	37595.398	35846.748	Down	-0.0687138301790421	Isoform Gamma of Disintegrin and metalloproteinase domain-containing protein 23 OS=Mus musculus GN=Adam23
IGSF8	Q8R366	17	17	21173.59	38624.29	20918.41	89680.18	55782.35	85387.12	68465.71	31224.76	49621.41	14616.41	0.803882972	0.094807171	45235.764	49863.082	Up	0.14050829727976	Immunoglobulin superfamily member 8 OS=Mus musculus GN=Igsf8 PE=1 SV=2
LMNA	P48678-3	7	7	39231.86	18492.43	23466.86	17236.14	24758.14	26236.57	21023.14	23455.57	23567.29	NA	0.804186769	0.094643076	24637.086	23570.643	Down	-0.0638405437133778	Isoform C2 of Prelamin-A/C OS=Mus musculus GN=Lmna
EPDR1	Q99M71	4	4	83924.5	70966.5	80369.25	40358	64012	61408.75	82705.25	70744	58612.5	77742.25	0.804831211	0.09429519	67926.05	70242.55	Up	0.0483802587870797	Mammalian ependymin-related protein 1 OS=Mus musculus GN=Epdr1 PE=2 SV=1
CIT	P49025-4	14	14	20254.71	26266.14	18664	27395.29	31930.14	32071.93	31411.29	28365.64	34025.64	6011.14	0.805382443	0.093997842	24902.056	26377.128	Up	0.083022628205044	Isoform 4 of Citron Rho-interacting kinase OS=Mus musculus GN=Cit
CLSTN3	Q99JH7	3	3	6115.67	9007	8659	9093.33	8985	12479.33	10243.67	4877.33	11884.67	4690.67	0.805584584	0.093759751	8371.4	8835.134	Up	0.0777831022989584	Calsyntenin-3 beta OS=Mus musculus GN=Clstn3 PE=1 SV=1
HECW2	Q6I6G8	1	1	13133	33460	3359	60865	29524	38330	36493	20703	27767	NA	0.805886989	0.093725856	28068.2	30823.25	Up	0.135082439988747	E3 ubiquitin-protein ligase HECW2 OS=Mus musculus GN=Hecw2 PE=2 SV=1
SLC25A11	Q9CR62	2	2	7977	6165.5	5570	17776	6830.5	8990	11320.5	6875	4854	9045.5	0.805954406	0.093689526	8863.8	8217	Down	-0.109313562471999	Mitochondrial 2-oxoglutarate/malate carrier protein OS=Mus musculus GN=Slc25a11 PE=1 SV=3
SLTM	Q8CH25	1	1	27592	12774	11832	13238	17505	19665	14749	25510	10832	NA	0.80612957	0.093595148	16588.2	17689	Up	0.092695144759204	SAFB-like transcription modulator OS=Mus musculus GN=Sltm PE=1 SV=1
ACTG1	P63260	108	108	200380.32	248570.95	240161.78	265468.94	211556.72	246669.51	294660.77	192021.72	218881.22	240364.61	0.806167869	0.093574515	233227.74	238519.57	Up	0.0323682122116842	Actin, cytoplasmic 2 OS=Mus musculus GN=Actg1 PE=1 SV=1
MCU	Q3UMR5	1	1	1593	5556	NA	25581	4613	11038	9200	7834	3229	NA	0.806608967	0.093336954	9335.75	7825.25	Down	-0.254629084146423	Calcium uniporter protein, mitochondrial OS=Mus musculus GN=Mcu PE=1 SV=2
ABI2	P62484	7	7	120432.71	125668.43	103335.71	95170	117509.57	120110.86	116546.57	111085.57	130164.57	68860.29	0.806764194	0.093253385	112423.28	109353.57	Down	-0.0399405169151485	Abl interactor 2 OS=Mus musculus GN=Abi2 PE=2 SV=1
RUFY3	Q9D394-3	2	2	14719	7388.5	NA	44306.5	11181.5	25744	16217	NA	8654	NA	0.807221413	0.093007326	19398.875	16871.667	Down	-0.201370491331627	Isoform 3 of Protein RUFY3 OS=Mus musculus GN=Rufy3
TOM1L2	Q5SRX1-4	12	12	25919	30894.67	23215.56	37258	30780.67	34779.11	34238	18268.67	41329.44	11725.78	0.807260666	0.092986208	29623.78	28068.2	Down	-0.0778191930496738	Isoform 4 of TOM1-like protein 2 OS=Mus musculus GN=Tom1l2
CEP170	Q6A065-3	6	6	19320.33	19878.5	19482.5	18340.5	20231.33	18369.67	20149.83	5357.33	33363.17	14064.17	0.807354411	0.092935778	19450.632	18260.834	Down	-0.0910643758682021	Isoform 3 of Centrosomal protein of 170 kDa OS=Mus musculus GN=Cep170
CROCC	Q8CJ40-2	11	11	31267.18	36756.27	21136.18	33870.09	35299.27	40671.09	33900.64	10129.45	39222.45	26461.45	0.807420193	0.092900393	31665.798	30077.016	Down	-0.0742639952780657	Isoform 2 of Rootletin OS=Mus musculus GN=Crocc
NUDT3	Q9JI46	3	3	70859.67	61377.33	67566.67	49705.33	56319	56652	59504.67	44557	80641.67	73930.33	0.807673906	0.092763948	61165.6	63057.134	Up	0.0439391015024862	Diphosphoinositol polyphosphate phosphohydrolase 1 OS=Mus musculus GN=Nudt3 PE=1 SV=1
MDH2	P08249	133	133	126814.08	120847.51	101399.15	126208.78	125419.82	121884.91	119245.61	114028.25	135710.29	100434.78	0.808048722	0.092562452	120137.87	118260.77	Down	-0.0227194154519883	Malate dehydrogenase, mitochondrial OS=Mus musculus GN=Mdh2 PE=1 SV=3
ARHGEF7	Q9ES28-6	4	4	40733.75	57048	44488	85914.75	60553	66353	61476.25	33450.25	61073.25	53989.75	0.808187306	0.092487975	57747.5	55268.5	Down	-0.0633010328430576	Isoform F of Rho guanine nucleotide exchange factor 7 OS=Mus musculus GN=Arhgef7
KATNAL1	Q8K0T4	1	1	4679	6186	3301	17184	8897	10235	9356	NA	6620	NA	0.808191952	0.092485479	8049.4	8737	Up	0.11825674131512 4	Katanin p60 ATPase-containing subunit A-like 1 OS=Mus musculus GN=Katnal1 PE=1 SV=1
MRPS7	Q8D9X8	3	3	175118.33	157785.33	10190	224282.67	181667.33	222313.67	137414.67	4678.67	231110.33	NA	0.808645954	0.092241582	171888.732	15941.085	Down	-0.108713295201144	28S ribosomal protein S7, mitochondrial OS=Mus musculus GN=Mrps7 PE=2 SV=1
MRPS18A	Q99N8S	2	2	52813.5	60802.5	30883	26052.5	53802	50790	49263.5	22437.5	55184.5	35213.5	0.808712817	0.092205674	44870.7	42577.8	Down	-0.075672283290308	28S ribosomal protein S18a, mitochondrial OS=Mus musculus GN=Mrps18a PE=2 SV=1
BLVRA	Q9CY64	3	3	53665.67	66460.33	33492.67	62221.67	62267.33	59124.67	70196.33	36058.67	66917.33	NA	0.80889035	0.092110346	55621.534	58074.25	Up	0.0622550837913269	Biliverdin reductase A OS=Mus musculus GN=Blvra PE=2 SV=1
TPPP3	Q9CR86	6	6	109476.83	105116	63406.17	128213.83	119520.83	114825.17	125426.5	81149.17	129584.67	51431	0.809309484	0.09188537	105146.73	100483.3	Down	-0.0654482324773184	Tubulin polymerization-promoting protein family member 3 OS=Mus musculus GN=Tppp3 PE=1 SV=1
CAMK2D	Q6PHZ2-4	25	25	83841.84	117576.24	76031.8	249950.44	116510.36	153519.36	165110.04	93033.52	105115.96	82333.88	0.809366286	0.09185489	128782.14	119822.55	Down	-0.104033018351 37	Isoform 3 of Calcium/calmodulin-dependent protein kinase type II subunit delta OS=Mus musculus GN=Camk2d
REEP2	Q8VCD6	6	6	4548.33	7999.67	4776.33	19180.83	8013.5	11995	11651.67	10416.83	9232	4955	0.809907946	0.09156434	8903.732	9650.1	Up	0.116133723920214	Receptor expression-enhancing protein 2 OS=Mus musculus GN=Reep2 PE=2 SV=2
C2CD4C	Q5H2I2	6	6	22163.17	19466.67	12061.83	23048.83	22652	26492.83	27871	2287.5	32260.83	1629	0.810164847	0.091426605	19878.5	18108.232	Down	-0.134563202120588	C2 calcium-dependent domain-containing protein 4C OS=Mus musculus GN=C2cd4c C2CD4 family PE=2 SV=1
MAP1B	P14873	116	116	38792.31	42904.76	47144.72	44235.59	41924.23	36814.39	47012.19	39305.8	51296.7	44263.97	0.810247269	0.091382424	43000.322	43738.61	Up	0.0245599094841965	Microtubule-associated protein 1B OS=Mus musculus GN=Map1b PE=1 SV=2
ARHGAP1	Q5FWK3	1	1	1006	2076	1271	10730	1612	4616	3080	NA	NA	NA	0.810422537	0.09137966	3339	3848	Up	0.204692705069926	Rho GTPase-activating protein 1 OS=Mus musculus GN=Arhgap1 PE=1 SV=1
PEA15A	Q62048-2	6	6	66014.17	94689.83	89281.33	104589.33	85330.83	96062.33	93621	120937.67	71246.83	38953.67	0.810341303	0.091332025	87981.098	84164.3	Down	-0.0639851915373917	Isoform 2 of Astrocytic phosphoprotein PEA-15 OS=Mus musculus GN=Pea15
ANKIB1	Q6ZPS6	1	1	5978	8616	NA	16677	11006	12544	12917	NA	3246	NA	0.810474879	0.091260442	10569.25	9569	Down	-0.143432935776657	Ankyrin repeat and IBR domain-containing protein 1 OS=Mus musculus GN=Ankib1 PE=1 SV=2
NCKIPSD	Q9ESJ4	2	2	13016.5	15369.5	6029.5	27704.5	21108.5	21238	18320	12518	4094	20988.5	0.810559617	0.091215037	16645.7	15431.7	Down	-0.109252539211893	NCK-interacting protein with SH3 domain OS=Mus musculus GN=Nckipsd PE=2 SV=2
KIF5A	P33175	8	8	28618.43	33722.43	21679.71	49776.43	38375.71	45386.29	41511.86	27709.86	39788.29	25416	0.810857815	0.091055293	34434.542	35962.46	Up	0.0626352228470769	Kinesin heavy chain isoform 5A OS=Mus musculus GN=Kif5a PE=1 SV=3
RAC2	Q05144	2	2	22953	37898.5	24158	106334.5	30043.5	63221	51977	25714	35310	23277	0.811330105	0.090802409	44277.5	39899.8	Down	-0.150192251972552	Ras-related C3 botulinum toxin substrate 2 OS=Mus musculus GN=Rac2 PE=2 SV=1
OCIAD1	Q9CRD0	3	3	14319	21375.33	1092.67	60531.67	19632.33	35177.33	24432.67	8432.33	14022.67	NA	0.811661225	0.090625201	23390.2	20516.25	Down	-0.181937141194591	OCIA domain-containing protein 1 OS=Mus musculus GN=Ociad1 PE=1 SV=1
COX2	P00405	2	2	30229	49523	10105.5	135881.5	58675.5	85463.5	82077	120761	60477.5	54275	0.812248649	0.090311002	75072.1	80610.8	Up	0.102696299552257	Cytochrome c oxidase subunit 2 OS=Mus musculus GN=Mtco2 PE=1 SV=1
WASF3	Q8VHJ6	8	8	87201.17	128098.83	8768.75	13068.12	11540.75	12205.12	11801.88	997612	13934.38	4717.75	0.812390944	0.090234926	10982.424	10526.65	Down	-0.0611501295117713	Wiskott-Aldrich syndrome protein family member 3 OS=Mus musculus GN=Wasf3 PE=2 SV=1
SYN1	Q88935-1	101	101	114952.87	101921.98	96248.54	114838.14	94396.72	115799.32	104506.72	87355.41	105625.73	101265.37	0.812811919	0.090009936	104471.65	102910.51	Down	-0.0217211690856896	Isoform Ib of Synapsin-1 OS=Mus musculus GN=Syn1
MAP7D2	A2AG50	1	1	132995	109304	104920	89966	117737	114538	123917	50253	143107	101831	0.813256314	0.089772556	110984.4	106729.2	Down	-0.0564019686485633	MAP7 domain-containing protein 2 OS=Mus musculus GN=Map7d2 PE=1 SV=1
SRI	Q6P069	4	4	9447.5	8177.5	11264.25	5640.75	8830.5	6829.5	7303.25	11963.25	11517.75	7508.5	0.81361178	0.089582772	8672.1	9024.45	Up	0.0574576160078581	Sorcin OS=Mus musculus GN=Sri PE=1 SV=1
GGCT	Q9D7X8	1	1	2201	3773	NA	8380	3208	5188	2640	NA	NA	NA	0.814319367	0.089205236	4390.5	3914	Down	-0.165741490503103	Gamma-glutamylcyclotransferase OS=Mus musculus GN=Ggct PE=1 SV=1
NCAM4	P13595-4	29	29	20508.68	33058.93	28432.96	83614.71	29004.25	54161.07	51895.21	45353.79	35093.29	23674.54	0.814615886	0.089047125	38923.906	42035.58	Up	0.110954487799353	Isoform 4 of Neural cell adhesion molecule 1 OS=Mus musculus GN=Ncam1
DNM1	P39053-6	50	50	44244.86	54596.1	38142.73	73297.63	52880.18	64493.02	63595.1	46541.22	48583.82	29329.59	0.815245408	0.088711639	52632.3	50508.55	Down	-0.0594208156590548	Isoform 6 of Dynamin-1 OS=Mus musculus GN=Dnm1
ANKRD27	Q3UMR0-3	1	1	189575	653479	NA	1624209	604796	1040296	998285	223022	451871	NA	0.815381197	0.088638896	768014.75	678368.5	Down	-0.179064838690544	Isoform 3 of Ankyrin repeat domain-containing protein 27 OS=Mus musculus GN=Ankrd27
CTNND1	P30999	22	22	15052.53	16139.47	10268.21	23747	18414.89	22909.16	18517.32	9020.84	18596.47	10415.37	0.815417664	0.088619885	16724.42	15891.832	Down	-0.0736707321049655	Catenin delta-1 OS=Mus musculus GN=Ctnnd1 PE=1 SV=2
AKAP5	D3YVF0	23	23	16724.22	17269.96	13098.61	24379.43	18731.43	21695.57	18972.39	13266.22	22876.74	9604.96	0.815505825	0.088577933	18040.73	17283.176	Down	-0.0618893618369831	A-kinase anchor protein 5 OS=Mus musculus GN=Akap5 PE=1 SV=2
STAU1	Q9Z108	1	1	4207	3227	3094	8360	4368	5439	4526	NA	3132	NA	0.815678764	0.088480844	4651.2	4365.6667	Down	-0.0914009966716429	Double-stranded RNA-binding protein Staufen homologe 1 OS=Mus musculus GN=Stau1 PE=2 SV=1
LRRFIP1	G3UZ39-2	2	2	8444	7885	NA	13441	5811	12090	8105	NA	4448	NA	0.81582974	0.088400467	8895.25	8214.3333	Down	-0.114891660533192	Isoform 2 of Leucine-rich repeat flightless-interacting protein 1 OS=Mus musculus GN=Lrrfip1
TPR	F6ZD54	2	2	NA	4001	NA	6530	3013	6239	3900	NA	4358	NA	0.816119647	0.088246167	4514.6667	4832.3333	Up	0.0981005023824 74	Nucleoprotein TPR OS=Mus musculus GN=Tpr PE=1 SV=1
BAG4	Q8CIB1	1	1	44075	33956	38002	20569	23335	26380	24904	40444	30777	NA	0.816334885	0.088131644	31987.4	30626.25	Down	-0.0627350036485097	BAG family molecular chaperone regulator 4 OS=Mus musculus GN=Bag4 PE=1 SV=2
PYCRL	Q9DCC4	5	5	111334	104804.2	143864.4	64243.4	106548.8	101258.6	105359.4	102977	119715.6	117701.4	0.816743072	0.087914541	106158.96	109402.4	Up	0.0434182450591307	Pyrroline-5-carboxylate reductase 3 OS=Mus musculus GN=Pycrl PE=2 SV=2
RTN3	Q9ESI9	26	26	11351.88	20406.5	7469.33	59680.62	24754.92	39560.62	40406.29	9341.12	19396.88	275.21	0.816748484	0.087911663	24732.65	21796.024	Down	-0.18235184214324 4	Reticulon-3 OS=Mus musculus GN=Rtn3 PE=1 SV=2
PPP2R2A	Q6P1F6	5	5	37296.2	42020.2	42729.6	85132.8	41080.8	54821.6	36790.4	45735.2	43034	56146.2	0.816760709	0.087905162	49651.92	47305.48	Down	-0.0698421875933874	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform OS=Mus musculus GN=Ppp2r2a PE=1 SV=1
PPT1	Q8S531	5	5	19195.25	20839.25	13793.5	21067.5	20009	22930.5	20166.5	2805	24799.5	NA	0.816839295	0.087863378	18980.9	17675.375	Down	-0.102807577418355	Palmitoyl-protein thioesterase 1 OS=Mus musculus GN=Ppt1 PE=2 SV=2
TWF2	Q9Z0P5	3	3	22334	19599	6540.33	47009.33	20754	28051	25253.33	13211.67	19360	NA	0.817244118	0.087648197	23247.332	21469	Down	-0.114810159811 78	Twinfilin-2 OS=Mus musculus GN=Twf2 PE=1 SV=1
SLC9A3R2	Q9JHL1	2	2	22686.5	20107	10571.5	16300	22514.5	25046	22693.5	5598	25557	NA	0.817957146	0.087269449	18435.9	19723.625	Up	0.097406881295304 2	Na(+)/H(+) exchange regulatory cofactor NHE-RF2 OS=Mus musculus GN=Slc9a3r2 PE=1 SV=2
DYNC1I1	Q8B485-2	8	8	11124.14	15644.71	11964.57	19836.14	16440	23460.57	21886	12332.71	17018.71	4817.57	0.818114477	0.087185922	15001.912	15903.112	Up	0.0841627223420395	Isoform 1B of Cytoplasmic dynein 1 intermediate chain 1 OS=Mus musculus GN=Dync1i1
ACTR3B	Q641P0	2	2	95332	125815.5	119442	196822	150760	172376	187843	37485.5	102983.5	149025	0.818240512	0.087119022	137634.3	129942.6	Down	-0.0829655732826476	Actin-related protein 3B OS=Mus musculus GN=Actr3b PE=2 SV=1
NDUFAF3	Q9JKL4	4	4	12284.25	13233	10634	16090.75	10397.25	15371	11923.75	5857	17565.25	9106	0.818281197	0.087097428	12527.85	11964.6	Down	-0.0663666784274677	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 3 OS=Mus musculus GN=Ndufaf3 PE=2 SV=1
FUS	P56959	6	6	15437	14573	11714	13778.83	12661.67	15327.67	16066.83	7082	15835.33	11617.33	0.818314845	0.08707957	13632.9	13185.832	Down	-0.0481038805975155	RNA-binding protein FUS OS=Mus musculus GN=Fus PE=2 SV=1
ASTN1	Q61137	20	20	9955.28	11756.17	9387.89	14193.44	13240.72	14553.94	14961.22	7731.67	11154.67	12037.17	0.818365167	0.087052864	11706.7	12087.734	Up	0.0462093662889521	Astrotactin-1 OS=Mus musculus GN=Astn1 PE=2 SV=4
FSD1L	Q8BYN5	8	8	36314.57	37945.14	42843.57	29841.71	34918	35082.86	42476.29	43720.86	45106

ATP6V1E1	P50518	57	57	147469.72	127338.09	107769.61	99903.51	137764.91	116857.89	131009.77	106599.23	157756.96	91092.6	0.82071088	0.085809809	124049.17	120663.29	Down	-0.0399252346078416	V-type proton ATPase subunit E 1 OS=Mus musculus GN=Atp6v1e1 PE=1 SV=2
MRPS5	Q99NB7	3	3	58050	72814.33	71384.67	56690	66173	69300	68342	53074	93568.33	27220	0.821308903	0.085493469	65022.4	62300.866	Down	-0.0616845901344241	28S ribosomal protein S5, mitochondrial OS=Mus musculus GN=Mrps5 PE=2 SV=1
DLGAP2	Q8BJ42	21	21	29284.67	34058.67	28101.71	27151.05	38922.05	32156.67	35262.43	25616.76	41360	27312.29	0.821523392	0.085380066	31503.63	32341.63	Up	0.0378743192018229	Disks large-associated protein 2 OS=Mus musculus GN=Dlgap2 PE=1 SV=2
PHACTR1	Q2M3X8-3	10	10	31444	34184	43986.33	27587.67	33016.11	37654.22	39635.33	26589.78	50119.44	22781.22	0.821855692	0.085204433	34043.622	35355.998	Up	0.0545704453778854	Isoform 3 of Phosphatase and actin regulator 1 OS=Mus musculus GN=Phactr1
EGLN1	Q91YE3	1	1	NA	NA	NA	1622	1553	1577	1078	NA	1919	NA	0.821885353	0.085188759	1587.5	1524.666	Down	-0.0582622768563742	Egl nine homologa 1 OS=Mus musculus GN=Egln1 PE=2 SV=2
MRPL51	Q9CPY1	3	3	135949	127434	109076.33	85625	126233.33	106159.33	110638	133380	166283.33	41474	0.822150948	0.085048438	116863.53	111586.93	Down	-0.0666567156999293	39S ribosomal protein L51, mitochondrial OS=Mus musculus GN=Mrpl51 PE=2 SV=1
LRP1	Q91ZX7	27	27	14446.78	19004.07	13933.56	24555.56	22370.96	24832.04	29805.04	13971.81	27073.59	4686.67	0.822182695	0.085031668	18862.186	20073.83	Up	0.08981901842677	Prolow-density lipoprotein receptor-related protein 1 OS=Mus musculus GN=Lrp1 PE=1 SV=1
PCMT1	P23506-2	17	17	118054.18	99846.76	101103.29	109940.53	112261.18	107168.29	112347	123566.94	123738.82	83881.47	0.822352566	0.084941948	108241.19	110140.5	Up	0.0250955365524905	Isoform 2 of Protein-L-isoaspartate(D-aspartate) O-methyltransferase OS=Mus musculus GN=Pcmt1
UBL4A	P21126	2	2	15975.5	22505.5	6547	45408.5	21119.5	30785	23408	9454	18320.5	NA	0.823114614	0.084539688	22311.2	20491.875	Down	-0.122716113988285	Ubiquitin-like protein 4A OS=Mus musculus GN=Ubl4a PE=2 SV=1
CSPG5	Q71M36	11	11	11225.89	21203.44	10590.67	61243	24561.33	37163.11	39615.44	10723.67	23421.78	4478	0.823304422	0.084439552	25764.866	23080.4	Down	-0.158736862078352	Chondroitin sulfate proteoglycan 5 OS=Mus musculus GN=Cspg5 PE=1 SV=2
ZFR	Q8B532	2	2	42274	47410	58731.5	32820	64747.5	54366	56552	26864.5	68860	NA	0.823889825	0.084130861	49196.6	51660.625	Up	0.070506483876196	Zinc finger RNA-binding protein OS=Mus musculus GN=Zfr PE=1 SV=2
SLC27A4	Q91VE0	1	1	26263	62777	NA	131654	81769	115125	105923	NA	30360	NA	0.824225109	0.083954159	75615.75	83802.667	Up	0.148309387735193	Long-chain fatty acid transport protein 4 OS=Mus musculus GN=Slc27a4 PE=1 SV=1
ABLIM2	Q8BL65-2	20	20	26456.74	25501.21	14438.63	27395.58	30286	28321.79	31495.21	16741.53	36627	3258.21	0.824389107	0.083867755	24815.632	23288.748	Down	-0.0916161148580212	Isoform 2 of Actin-binding LIM protein 2 OS=Mus musculus GN=Ablim2
EHD4	Q9EQP2	1	1	NA	NA	NA	1860	616	922	1962	NA	NA	NA	0.825475982	0.083295559	1238	1442	Up	0.22005985002655 8	EH domain-containing protein 4 OS=Mus musculus GN=Ehd4 PE=1 SV=1
PYGO1	Q9D0P5	1	1	67944	105478	80964	97979	75749	105168	86574	47690	89954	NA	0.825638094	0.083210277	85622.8	82346.5	Down	-0.0562876827798819	Pygopus homolog 1 OS=Mus musculus GN=Pygo1 PE=1 SV=1
WASL	Q91YD9	8	8	7286.83	6261.33	7534.67	6530.5	7906	5990.17	5341.5	5679.67	6627.5	13770.33	0.825785203	0.083132904	7103.866	7481.834	Up	0.07478758862939 9	Neural Wiskott-Aldrich syndrome protein OS=Mus musculus GN=Wasl PE=1 SV=1
PLXNA4	Q80UG2	7	7	10841.43	28168.57	14320.57	55619.86	22017.71	44178.29	45515	14137.57	18053.57	20938.86	0.825866643	0.083090075	26193.628	28564.658	Up	0.125015360028032	Plexin-A4 OS=Mus musculus GN=Plxna4 PE=1 SV=3
GNB3	Q61011	1	1	169776	210268	110412	293058	124731	248318	160781	93733	181919	NA	0.825973661	0.083033801	181649	171187.75	Down	-0.0855739557401038	Guanine nucleotide-binding protein G(i)/G(S)/G(T) subunit beta-3 OS=Mus musculus GN=Gnb3 PE=1 SV=2
SDF2L1	Q9ESP1	4	4	73511.5	71381	72742.75	46900.75	69785	62633	66910.5	69124.5	78732.25	48988	0.826130705	0.082951236	66864.2	65277.65	Down	-0.0346448579571855	Stromal cell-derived factor 2-like protein 1 OS=Mus musculus GN=Sdf2l1 PE=2 SV=2
TDRKH	Q80XU1	2	2	21026.5	32034.5	15327	28845	25849.5	28364.5	23368	35384.5	15982	NA	0.826208467	0.082910358	24616.5	25774.75	Up	0.0663327818662402	Tudor and KH domain-containing protein OS=Mus musculus GN=Tdrkh PE=1 SV=1
G6PDX	Q00612	1	1	48028	49260	66697	30770	51143	35142	43852	79476	48605	NA	0.826450681	0.082783058	49179.6	51768.75	Up	0.0740214826461168	Glucose-6-phosphate 1-dehydrogenase X OS=Mus musculus GN=G6pdx PE=1 SV=3
VTI1B	Q8B384	4	4	5313.33	9238.67	1398	32679.33	14877.33	24301.33	22837.33	2709	7925.33	NA	0.827029199	0.082479157	12701.332	14443.248	Up	0.185415360620541	Vesicle transport through interaction with t-SNAREs homologa 1B OS=Mus musculus GN=Vti1b PE=1 SV=1
CISD3	B1AR13	1	1	71614	51918	23010	52981	81029	63341	52285	31622	75669	43435	0.827117539	0.08243277	56110.4	53270.4	Down	-0.0749340835982243	CDGSH iron-sulfur domain-containing protein 3, mitochondrial OS=Mus musculus GN=Cisd3 PE=1 SV=1
PGM2	Q9D0F9	1	1	28467	36863	9136	118508	44640	66705	58668	28994	54418	NA	0.827227536	0.082375018	47522.8	52196.25	Up	0.135326320269183	Phosphoglucomutase-1 OS=Mus musculus GN=Pgm1 PE=1 SV=4
PRKCB	P68404	7	7	53972.14	77596.86	56266.86	118565.14	78510.57	105425.71	97652.43	62887.71	75600.86	22222.86	0.827764449	0.08209323	76982.314	72757.914	Down	-0.0814228566489195	Protein kinase C beta type OS=Mus musculus GN=Prkcb PE=1 SV=4
GSTP2	P46425	3	3	58546	46397.33	93893.67	42490	48408.67	51435	48111.67	56874	70359	75097	0.828561518	0.081675209	57947.134	60375.334	Up	0.0592219561227602	Glutathione S-transferase P 2 OS=Mus musculus GN=Gstp2 PE=2 SV=2
CRK	Q64010-2	5	5	60751	80769.6	62546	55372.6	56682.4	65696.6	73045.2	68627	60106	54896.2	0.828923627	0.081485481	63224.32	64474.2	Up	0.0282423517983682	Isoform Crk-I of Adapter molecule crk OS=Mus musculus GN=Crk
ARPP19	P56212	8	8	283773.88	241865.25	224756.88	64281.25	292610.5	161001.12	159318	213522.62	340788.62	71366.5	0.829007278	0.081204439	212771.75	199810.17	Down	-0.0906765983164689	cAMP-regulated phosphoprotein 19 OS=Mus musculus GN=Arpp19 PE=1 SV=2
SLC1A2	P43006-3	8	8	9296.88	38477.38	15247.62	162623.12	43302	96518.12	72574.25	30934.62	26148.5	6380.25	0.829600107	0.0811312	53789.4	46511.148	Down	-0.209745347042345	Isoform Glt-1B of Excitatory amino acid transporter 2 OS=Mus musculus GN=Slc1a2
CROCC	Q8CJ40	12	12	29036.33	34612.17	19374.83	31952.33	33078.83	38874.42	32263.67	9285.33	36621.92	24256.33	0.82973282	0.081061731	29610.898	28260.334	Down	-0.0673497267870456	Rootletin OS=Mus musculus GN=Crocc PE=1 SV=2
DNAJC11	Q5U458	1	1	4202	7240	NA	19290	4248	11506	8788	NA	2966	NA	0.830114959	0.08086176	8745	7753.3333	Down	-0.173641693169591	DnaJ homolog subfamily C member 11 OS=Mus musculus GN=Dnajc11 PE=2 SV=2
ABLIM2	Q8BL65-5	18	18	27880.65	27456.41	13428.82	33663.88	31241.12	32171.76	34410.71	18574.35	38862.59	985.12	0.830244137	0.080794182	26734.176	25000.906	Down	-0.0967048335086451	Isoform 5 of Actin-binding LIM protein 2 OS=Mus musculus GN=Ablim2
L2HGDH	Q91YP0	2	2	38465	44356	30148.5	53471	61093.5	81652.5	55387	11681.5	47366	NA	0.83140406	0.080187859	45506.8	49021.75	Up	0.107339846318512	L-2-hydroxyglutarate dehydrogenase, mitochondrial OS=Mus musculus GN=L2hgdh PE=1 SV=1
CCDC88A	Q5SNZ0-3	12	12	12459.92	13981.25	12338.75	23722.33	19460.92	23615.25	23824.08	12831	22109.83	4464.75	0.832056621	0.079847119	16392.634	17368.982	Up	0.0834655117593523	Isoform 3 of Girdin OS=Mus musculus GN=Ccdc88a
ERC1	Q99MI1	23	23	28966.22	27460.57	2226.83	30949.17	28656.78	31472.04	33042.91	23811.04	38587.74	17073.57	0.832132813	0.079847352	27892.914	28797.46	Up	0.0460429063674747	ELKS/Rab6-interacting/CAST family member 1 OS=Mus musculus GN=Erc1 PE=1 SV=1
FAM134C	Q9CQV4	4	4	NA	1107.33	NA	4075.33	825.67	2648	1665	NA	892.67	NA	0.832444386	0.079644771	2002.7767	1735.2333	Down	-0.206880194530467	Protein FAM134C OS=Mus musculus GN=Fam134c PE=1 SV=1
CAMK2A	P11798	54	54	64473.04	85728.66	75103.68	160012.11	87417.98	113302.72	128750.36	97524.81	83110.68	71754.4	0.832479334	0.079626539	94547.094	98888.594	Up	0.0647710111948509	Calcium/calmodulin-dependent protein kinase type II subunit alpha OS=Mus musculus GN=Camk2a PE=1 SV=2
RAP2B	P61226	1	1	4712	NA	NA	14738	8853	12809	13541	NA	4702	NA	0.832502413	0.079614499	9434.3333	10350.667	Up	0.133731211848217	Ras-related protein Rap-2b OS=Mus musculus GN=Rap2b PE=1 SV=1
APLP1	Q03157	5	5	10114.4	12096.6	6706	14680.2	11593.4	12463	12218	8260	14189.4	5859.8	0.832740475	0.079490326	11038.12	10598.04	Down	-0.0586969972229578	Amyloid-like protein 1 OS=Mus musculus GN=Aplp1 PE=1 SV=1
SHANK1	D3YZU1	36	36	31628.94	32380.42	34751.44	28503.56	37243.97	30991.28	36690.61	28407.42	41626.78	22834.28	0.832796074	0.079461331	32901.666	32110.074	Down	-0.0351346478689703	SH3 and multiple ankyrin repeat domains protein 1 OS=Mus musculus GN=Shank1 PE=1 SV=1
RAB14	Q91V41	5	5	30978.6	30377.6	47867.4	27671.8	37548.8	34114.6	29027.2	42257.2	33875.4	39905.4	0.833042284	0.079332954	34888.8	35835.96	Up	0.0386440261056512	Ras-related protein Rab-14 OS=Mus musculus GN=Rab14 PE=1 SV=3
FAM171A2	A2A699	12	12	20008.9	22749.1	19132.2	36355.3	31610.6	37737.4	39277.6	18970.9	31646.8	9516.2	0.833539953	0.079073579	25971.22	27429.78	Up	0.0788292648184937	Protein FAM171A2 OS=Mus musculus GN=Fam171a2 PE=1 SV=1
PPP2R1B	Q77NP2	2	2	1617	13948	15747.5	31401.5	19806	22264	17394.5	4578	36741	22605	0.834823942	0.078405104	19404	20716.5	Up	0.0944261993075013	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform OS=Mus musculus GN=Ppp2r1b PE=1 SV=2
CAND1	Q6ZQ38	6	6	11140.83	20564.83	8681.33	61412.5	18247.17	31213	30533.5	4232.5	20099	NA	0.834955229	0.078336811	24009.332	21519.5	Down	-0.1579507070833 4	Cullin-associated NEDD8-dissociated protein 1 OS=Mus musculus GN=Cand1 PE=2 SV=2
STX16	Q88VI5	6	6	6644.4	10955.6	4340.2	11807.4	11731.4	13492.4	14656.8	1158.8	10125.2	9092.6	0.835134359	0.078243648	9095.8	9705.16	Up	0.0935514651597205	Syntaxin-16 OS=Mus musculus GN=Stx16 PE=1 SV=3
ATP5O	Q9DB20	25	25	181504.88	181792.36	198851.4	211840.08	189393.4	185068.08	176764.52	171450.32	185676.36	264193.92	0.835326193	0.078143901	192676.42	196630.64	Up	0.029308093951044	ATP synthase subunit O, mitochondrial OS=Mus musculus GN=Atp5o PE=1 SV=1
ACSF2	Q8VCW8	6	6	16960.33	15460.83	17188.33	29119.33	17534.67	21735.67	17661.17	17883.83	22045	19841.33	0.835530156	0.078037871	19252.698	19833.4	Up	0.0428713833060981	Acyl-CoA synthetase family member 2, mitochondrial OS=Mus musculus GN=Acsf2 PE=1 SV=1
ACTG2	P63268	59	59	307024.63	388477.36	366732.1	414800.12	329982.76	384206.9	466670.2	294266.51	338922.92	360159.61	0.835633369	0.077984226	361403.39	368845.23	Up	0.0294055157974199	Actin, gamma-enteric smooth muscle OS=Mus musculus GN=Actg2 PE=1 SV=1
ACTA1	P68134	61	61	297333.75	376279.05	355580.66	401698.52	319603.02	372144.87	451873.95	285356.75	328351.33	348669.3	0.835986767	0.077800597	350099	357279.24	Up	0.0292891464410887	Actin, alpha skeletal muscle OS=Mus musculus GN=Acta1 PE=1 SV=1
EFHD1	Q9D411	1	1	7585	6625	6573	19047	5879	12071	7175	NA	10025	NA	0.837458762	0.077036569	9141.8	9757	Up	0.0939593715922521	EF-hand domain-containing protein D1 OS=Mus musculus GN=Efhd1 PE=2 SV=1
CORO1A	Q89053	22	22	82340.86	71319.59	71224.09	87773	77120.68	74283.32	78645.27	60041.27	91408.95	79057.36	0.838202768	0.07665091	77955.644	76687.234	Down	-0.0236670434336924	Coronin-1A OS=Mus musculus GN=Coro1a PE=1 SV=5
CEND1	Q9JKC6	5	5	70689.2	95058.8	82809.8	121112.8	86945.4	89984	110201.6	72694.6	85949.2	109475.6	0.838284776	0.076608421	91323.2	93661	Up	0.036467028452628	Cell cycle exit and neuronal differentiation protein 1 OS=Mus musculus GN=Cend1 PE=1 SV=1
TCEB1	P83940	2	2	119300.5	105746.5	107678	198881	109760.5	133373	139122.5	134956	108000	105336	0.8383887	0.076554584	128273.3	124157.5	Down	-0.0470494924522609	Transcription elongation factor B polypeptide 1 OS=Mus musculus GN=Tceb1 PE=1 SV=1
PHGDH	Q61753	33	33	30345.12	32112.58	34732.97	40554.36	40102.48	43545.79	44141.52	25918.48	42103.45	27055.48	0.8384332	0.076531533	35569.502	36552.944	Up	0.0393468308210433	D-3-phosphoglycerate dehydrogenase OS=Mus musculus GN=Phgdh PE=1 SV=3
GPSM1	Q6IR34-3	7	7	11143.43	14107.14	8492.86	17429.57	14444.71	15749.43	17109.43	3695.29	20515.71	4556.86	0.839613737	0.075920465	13123.542	12325.344	Down	-0.0905292383249283	Isoform 3 of G-protein-signaling modulator 1 OS=Mus musculus GN=Gpsm1
H2AFY	Q9QZQ8	1	1	220155	128096	197058	64882	156715	113347	101765	64615	142245	418265	0.840261737	0.075585412	153381.2	168047.4	Up	0.131746559770875	Core histone macro-H2A.1 OS=Mus musculus GN=H2afy PE=1 SV=3
ACSBG1	Q99PU5	2	2	22475	26348	15039	87993.5	27198	52501	44948.5	28974	29056.5	NA	0.84028794	0.075571869	35810.7	38870	Up	0.118266388050834	Long-chain-fatty-acid--CoA ligase ACSBG1 OS=Mus musculus GN=Acsbg1 PE=1 SV=1
PEA15A	Q62048	7	7	62448	88129.29	81291.29	93068.14	80054.29	90089.29	83495.57	113597	69359.29	33388.86	0.840397018	0.075515497	80998.202	77986.002	Down	-0.0564746900956306	Astrocytic phosphoprotein PEA-15 OS=Mus musculus GN=Pea15 PE=1 SV=1
DTX3	Q80V91	1	1	NA	NA	NA	2499	1494	2423	1208	NA	NA	NA	0.840420649	0.075503285	1996.5	1815.5	Down	-0.137106141832841	Probable E3 ubiquitin-protein ligase DTX3 OS=Mus musculus GN=Dtx3 PE=2 SV=2
CLTC	Q68FD5	23	23	16732.14	29658.45	10749.55	71996.77	26042	45926.27	41038.55	15862.18	21739.5	17587.41	0.840890468	0.075260571	31035.782	28430.782	Down	-0.126478716100494	Clathrin heavy chain 1 OS=Mus musculus GN=Cltc PE=1 SV=3
HPCAL4	Q8BGZ1	2	2	39308.5	63153	50236	71160	50797	62314.5	55849.5	59890.5	34654	NA	0.841058641	0.075173723	54930.9	53177.125	Down	-0.0468121489108222	Hippocalcin-like protein 4 OS=Mus musculus GN=Hpcal4 PE=2 SV=3
SPTBN1	Q62261	185	185	17842.2	38781.97	18918.14	116505.83	41414.12	66469.08	67535.92	22599.95	34471.29	20642.55	0.841425276	0.074984446	46692.452	42343.758	Down	-0.141040038105356	Spectrin beta chain, non-erythrocytic 1 OS=Mus musculus GN=Sptbn1 PE=1 SV=2
MAP2K6	P70236	1	1	832	NA	NA	4187	1137	2936	978	NA	1445	NA	0.841506921	0.074942308	2052	1786.3333	Down	-0.200029415616917	Dual specificity mitogen-activated protein kinase kinase 6 OS=Mus musculus GN=Map2k6 PE=1 SV=1
IDH2	P54071	5	5	52835.8	53755.2	42710.4	49943.8	48121.6	54728.4	50261.8	13167.8	62207.8	57457.4	0.842064208	0.074654792	49473.36	47564.64	Down	-0.0567624249923881	Isocitrate dehydrogenase [NADP], mitochondrial OS=Mus musculus GN=Idh2 PE=1 SV=3
TAGLN2	Q9WVA4	3	3	27709.67	28380.33	8496	90852.67	28076	49893.67	35875.33	37568.33	35675.67	NA	0.842264542	0.074551482	36702.934	39753.25	Up	0.115177416332774	Transgelin-2 OS=Mus musculus GN=Tagln2 PE=1 SV=4
HADH	Q61425	1	1	43175	41962	69309	28937	33564	35172	43593	NA	46535	NA	0.842523419	0.074512124	43389.4	41766.667	Down	-0.0549906275013078	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial OS=Mus musculus GN=Hadh PE=1 SV=2
LRBA	Q9ESE1-3	1	1	NA	NA	NA	6161	1222	3353	2784	NA	NA	NA	0.842844652	0.074252465	3691.5	3068.5	Down	-0.266673575041806	Isoform 3 of Lipopolysaccharide-responsive and beige-like anchor protein OS=Mus musculus GN=Lrba
MBD3	Q9Z2D8	2	2	28900.5	20822	40246	16052.5	30348	27242.5	23301	NA	28490.5	NA	0.842991781	0.07417666	27273.8	26344.667	Down	-0.0500047961396604	Methyl-CpG-binding domain protein 3 OS=Mus musculus GN=Mbd3 PE=1 SV=1
NUCB2	P81117	4	4	25961.33	30010	10914.33	51786.33	27645.33	41374	35236.67	5198	44457.67	NA	0.843107697	0.074116946	29263.464	31566.585	Up	0.10929763702	Nucleobindin-2 OS=Mus musculus GN=Nucb2 PE=1 SV=2
ARHGAP26	Q6ZQ82	1	1	10657	18977	19398	38648	19524	23343	27688	10372	17900	34193	0.843286256	0.074024978	21440.8	22699.2	Up	0.0822827160462543	Rho GTPase-activating protein 26 OS=Mus musculus GN=Arhgap26 PE=1 SV=3
2010107E04RIK	P56379	1	1	522804	211877	303930	193646	311819	228444	257860	222826	248426	505618	0.843598213	0.073864349	308815.2	292634.8	Down	-0.0776424200150644	6.8 kDa mitochondrial proteolipid OS=Mus musculus GN=Mp68 PE=2 SV=1
SLC25A12	Q8BH59	7	7	81761.71	159756.14	82013.57	311208.86	150795.57	229415	227859.43	126264.71	109441.71	35573	0.843853482	0.073732953	157107.17	145710.77	Down	-0.108641507274478	Calcium-binding mitochondrial carrier protein Aralar1 OS=Mus musculus GN=Slc25a12 PE=1 SV=1
ADAM23	Q9R1V7-4	7	7	37827	45991.57	29969.29	46934.43	43688.71	49894.57	49425.86	40951.14	41970.43	14809.86	0.84398262	0.073666497	40882.2	39410.372	Down	-0.0528974669907469	Isoform Delta of Disintegrin and metalloproteinase domain-containing protein 23 OS=Mus musculus GN=Adam23
ERC1	Q99MI1-2	24	24	29549.17	27850	22714.58	30561.79	29927.79	31270	33418.04	24745.83	39105.83	16362.17	0.844146775	0.073582034	28120.666	28980.374	Up	0.0434454503074603	Isoform 2 of ELKS/Rab6-interacting/CAST family member 1 OS=Mus musculus GN=Erc1
SLC12A6	Q924N4-2	1	1	5561	14589	2978	54570	14052	35829	21837	9955	14706	NA	0.844327572	0.073489029	18350	20581.75	Up	0.165585592097517	Isoform 2 of Solute carrier family 12 member 6 OS=Mus musculus GN=Slc12a6
RPL13	P47963	14	14	148041.29	148938.64	143849.93	71028.29	117450	111819.43	143514.64	93538.57	188040.57	66212.36	0.844509304	0.073395561	125861.63	120625.11	Down	-0.061308226258665	60S ribosomal protein L13 OS=Mus musculus GN=Rpl13 PE=2 SV=3
HIP1R	Q9JKY5	14	14	7970.64	20376.93	10649.79	47171.36	23243.57	34786.21	29742.29	10710	15432.57	10048.29	0.845473906	0.072899791	21882.458	20143.872	Down	-0.119433780544846	Huntingtin-interacting protein 1-related protein OS=Mus musculus GN=Hip1r PE=1 SV=2
USP5	P56399	10	10	13850.2	19228.7	16276.8	28150.1	18609.3	23347.1	22290.3	16507.1	15805	21058.2	0.846199058	0.072527462	19223.02	19801.54	Up	0.0427776294772893	Ubiquitin carboxyl-terminal hydrolase 5 OS=Mus musculus GN=Usp5 PE=1 SV=1
PLS3	Q99KS1	2	2	55330	51179.5	83688	49015.5	68335.5	56820	67136.5	8846	71258	123180.5	0.846735135	0.072252419	61509.7	65448.2	Up	0.0895395752242403	Plastin-3 OS=Mus musculus GN=Pls3 PE=1 SV=3
UBTF	P25976	1	1	1308	1405	NA	5906	2426	4542	3058	NA	1529	NA	0.846863987	0.072186335	2761.25	3043	Up	0.140172820271959	Nucleolar transcription factor 1 OS=Mus musculus GN=Ubtf PE=1 SV=1
ATAD1	Q9DST0	5	5	12297.5	15923.5	6960.25	54496.25	21797.25	35624	28223	14372.5	18743.25	NA	0.846939722	0.072147498	22294.95	24240.688	Up	0.120713652071585	ATPase family AAA domain-containing protein 1 OS=Mus musculus GN=Atad1 PE=1 SV=1
SELM	Q8VHC3	1	1	11614	61400	18909	104261	40876	59800	41229	NA	29811	NA	0.847194621	0.07201681	47412	43613.333	Down	-0.120482993449842	Selenoprotein M OS=Mus musculus GN=Selm PE=1 SV=3
SNAP47	Q8R570	4	4	16454	19636.5	10033.5	37005.25	27937.5	33966.25	30359	4110.75	27031.25	NA	0.847425218	0.071898616	22213.35	23866.813	Up	0.103578919655567	Synaptosomal-associated protein 47 OS=Mus musculus GN=Snap47 PE=1 SV=1
QK	Q9QUS9-3	4	4	91861.25	107068.25	82382.25	84556.75	96678.5	95581	77876	97407	114426	68027.5	0.847959282	0.071625002	92509.4	90663.5	Down	-0.0290781106737471	Isoform 3 of Protein quaking OS=Mus musculus GN=Qki
SLC4A3	P16283-3	2	2	14328.5	14016.5	6734.5	37442	24124.5	29376	29133	15468	22227	7131	0.849038036	0.071072853	19329.2	20667	Up	0.0965470555723092	Isoform 14-AE3 of Anion exchange protein 3 OS=Mus musculus GN=Slc4a3
TOMM34	Q9CYG7-2	2	2	15152.5	23518	11725	19654.5	25287.5	21930.5	20263.5	6883	23549	NA	0.849565941	0.070802907	19067.5	18156.5	Down	-0.0706295763854267	Isoform 2 of Mitochondrial import receptor subunit TOM34 OS=Mus musculus GN=Tomm34
TRIM9	Q8C7M3-3	9	9	21855.11	22291.22	15829	21353.33	23186.89	25290.33	30821	16155.11	36837.89	1724.22	0.849615755	0.070777443	20903.11	22165.71	Up	0.0846119699887259	Isoform 3 of E3 ubiquitin-protein ligase TRIM9 OS=Mus musculus GN=Trim9
AAMDC	Q8R0P4	1	1	30664	38600	54090	8976	29856	24526	31058	NA	47701	NA	0.849996191	0.070583021	34428.333	Up	0.0859470515418598	Mth938 domain-containing protein OS=Mus musculus GN=Aamdc PE=1 SV=1
RHOJ	Q9ER71-2	1	1	45906	55905	48316	90512	43690	65441	56118	51428	55653	46554	0.850453184	0.070349589	56865.8	55038.8	Down	-0.0471122379187461	Isoform 2 of Rho-related GTP-binding protein RhoJ OS=Mus musculus GN=Rhoj
PRDX4	O08807	2	2	91488.5	100767.5	38389	119535	94003	97169.5	108649	32271	99802	NA	0.850503219	0.070324038	88836.6	84472.875	Down	-0.07266602492759 7	Peroxiredoxin-4 OS=Mus musculus GN=Prdx4 PE=1 SV=1
CAPRIN1	Q60865	6	6	20637.33	23017.67	7782	35268.83	24055.67	26279.5	24672	3406.83	28535.5	NA	0.851233148	0.069951473	22152.3	20723.458	Down	-0.0961917745770887	Caprin-1 OS=Mus musculus GN=Caprin1 PE=1 SV=2
KIF2A	P28740-2	17	17	28335.35	35629.29	36016.06	37085.59	33246.12	36599.65	39660.29	24559.53	33028.18	39598.29	0.85161299	0.069757723	34062.482

COX5B	P19536	33	33	176353.73	156932.27	167924.79	203301.33	187854.79	183407.97	162170.64	194228.97	196401.82	143965.79	0.854514274	0.068280678	178473.38	176035.04	Down	-0.0198463115307473	Cytochrome c oxidase subunit 5B, mitochondrial OS=Mus musculus GN=Cox5b PE=1 SV=1
ACTR2	P61161	15	15	56442.87	85087.93	59397.4	163464.2	97376.33	118066.33	152695.47	46667.73	83990.47	32413.67	0.854597071	0.0682386	92353.746	86766.734	Down	-0.0900284546893298	Actin-related protein 2 OS=Mus musculus GN=Actr2 PE=1 SV=1
DCTN4	Q8CBY8	12	12	49573.83	50075	53569.25	42935.08	55006.25	59212.92	58034.83	38609.08	70261.33	32106.25	0.855814407	0.067620407	50231.882	51644.882	Up	0.040022056923134	Dynactin subunit 4 OS=Mus musculus GN=Dctn4 PE=1 SV=1
ERC1	Q99MII-4	6	6	29804.33	29450	13507	39081.17	27543.83	33399	32188.17	4510	35017.33	NA	0.856110459	0.067470197	27877.266	26278.625	Down	-0.0851992888690483	Isoform 3 of ELKS/Rab6-interacting/CAST family member 1 OS=Mus musculus GN=Erc1
HMGCL	P38060	7	7	26193.57	27329.29	31469.71	26812.32	29491.14	29627.71	31050.57	25513.57	40735.29	18041	0.856257592	0.067395565	28259.256	28993.628	Up	0.0370123870936312	Hydroxymethylglutaryl-CoA lyase, mitochondrial OS=Mus musculus GN=Hmgcl PE=1 SV=2
TIMM44	O35857	2	2	39095	62239	25160	163239	62164	123776	100059.5	22613	59823	NA	0.856432393	0.067306915	70379.4	76567.875	Up	0.12158600368324	Mitochondrial import inner membrane translocase subunit TIM44 OS=Mus musculus GN=Timm44 PE=1 SV=2
LUC7L	Q9CYI4	2	2	5756.5	5388.5	1339	9589	5013	9047	5975	1701	6453.5	NA	0.856888473	0.067075699	5417.2	5794.125	Up	0.097043453748360 8	Putative RNA-binding protein Luc7-like 1 OS=Mus musculus GN=Luc7l PE=2 SV=2
CNPY3	Q9DAU1-2	3	3	7532.33	10472	7537	5746.67	7177	8875.33	8567.33	1735.33	10032.33	NA	0.857087995	0.066974588	7693	7302.58	Down	-0.0751400504329206	Isoform 2 of Protein canopy homolog 3 OS=Mus musculus GN=Cnpy3
SRCIN1	Q9QWI6	82	82	59325.18	65182.7	51299.72	67399.91	69904.56	68083.8	75396.65	47804.68	86965.19	43262.57	0.857465595	0.066783297	62622.414	64302.578	Up	0.0381974555415609	SRC kinase signaling inhibitor 1 OS=Mus musculus GN=Srcin1 PE=1 SV=2
NCAM2	O35136	13	13	19436.69	54090.54	12833.23	119296.92	48024.15	83831.15	91568.92	41909.62	48543.54	10079.08	0.858755838	0.066585689	50736.306	55186.462	Up	0.121295913681875	Neural cell adhesion molecule 2 OS=Mus musculus GN=Ncam2 PE=2 SV=1
CAMK2N1	Q6QWF9	3	3	64845.33	49080.67	71866.67	58347	57103	50466.67	60533.67	18557	109879	47314.67	0.858463663	0.066278083	60248.534	57350.202	Down	-0.0711275695929638	Calcium/calmodulin-dependent protein kinase II inhibitor 1 OS=Mus musculus GN=Camk2n1 PE=1 SV=1
RIMS2	Q9EQZ7-3	3	3	3382.67	3570	NA	8512.33	14172.33	9143.33	8572.33	NA	6065.67	NA	0.858703173	0.066156932	7409.3325	7927.11	Up	0.0974514186865284	Isoform 3 of Regulating synaptic membrane exocytosis protein 2 OS=Mus musculus GN=Rims2
GNB1	P62874	55	55	77820.33	88620.67	68263.62	154044.42	82541.92	113845.27	94790.23	106486.88	93613.04	44590.9	0.858825344	0.066095148	94258.192	90665.264	Down	-0.0506808264227	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1 OS=Mus musculus GN=Gnb1 PE=1 SV=3
VPS16	Q92OQ4	1	1	NA	2942	NA	11044	2325	5835	9118	NA	3238	NA	0.859837358	0.06558369	5437	6063.6667	Up	0.157379619376165	Vacuolar protein sorting-associated protein 16 homolog OS=Mus musculus GN=Vps16 PE=1 SV=3
ANLN	Q8K298	1	1	3011	5178	1841	5220	3666	5353	3111	NA	2248	NA	0.859989019	0.065507094	3783.2	3570.6667	Down	-0.0834135869672877	Actin-binding protein anillin OS=Mus musculus GN=Anln PE=1 SV=2
RPL10L	P86048	18	18	59553.94	65450.88	57772.25	44747.12	61947.88	51205.06	63342.5	55571.94	68624.69	45798.69	0.860060821	0.065470836	57894.414	56908.576	Down	-0.0247780751116814	60S ribosomal protein L10-like OS=Mus musculus GN=Rpl10l PE=2 SV=1
RAB3C	P62823	5	5	16612	29090.2	13299	72603.8	30982.2	43446.6	36102	NA	24573.4	NA	0.860797326	0.065099091	32517.44	34707.333	Up	0.0940268400613261	Ras-related protein Rab-3C OS=Mus musculus GN=Rab3c PE=1 SV=1
DDX39B	Q9Z1N5	2	2	14275	19586	NA	44473	19837	31295.5	13406	NA	NA	NA	0.861439699	0.064775118	24542.75	22350.75	Down	-0.1349736679659 8	Spliceosome RNA helicase Ddx39b OS=Mus musculus GN=Ddx39b PE=1 SV=1
RIMS1	Q99NE5-7	24	24	41430.2	47118.15	40671.15	46906.5	55536.8	52996.2	56711.5	45739.65	63936.6	19692.85	0.8615039	0.064742752	46332.56	47815.36	Up	0.0454477403918686	Isoform 7 of Regulating synaptic membrane exocytosis protein 1 OS=Mus musculus GN=Rims1
SPR	Q64105	3	3	21976.33	22978.33	28852.33	26453	26629.33	29482	25959.33	10959.33	25792	39006	0.861891037	0.064547636	25377.864	26239.732	Up	0.0481823392747474	Sepiapterin reductase OS=Mus musculus GN=Spr PE=1 SV=1
GOLGA1	Q9CW79	1	1	10663	12832	NA	9406	12770	12127	7493	NA	16153	NA	0.862513811	0.064233942	11417.75	11924.333	Up	0.0626302312385888	Golgin subfamily A member 1 OS=Mus musculus GN=Golga1 PE=1 SV=2
CAPN1	O35350	1	1	NA	3034	NA	15490	3892	9103	7435	NA	NA	NA	0.862656329	0.064162187	7472	8269	Up	0.146218414582043	Calpain-1 catalytic subunit OS=Mus musculus GN=Capn1 PE=1 SV=1
CDH4	P39038	1	1	2858	3706	5832	12294	6864	9567	9777	2350	5304	NA	0.862776371	0.064101757	6310.8	6749.5	Up	0.0969577292535359	Cadherin-4 OS=Mus musculus GN=Cdh4 PE=2 SV=1
AFG3L1	Q920A7	1	1	13867	18378	NA	47114	15450	31080	24713	NA	19999	NA	0.863173722	0.06390179	23702.25	25264	Up	0.0920590589692598	AFG3-like protein 1 OS=Mus musculus GN=Afg3l1 PE=2 SV=2
LNPK1	Q7TQ95	1	1	6031	6916	9875	33868	18332	18685	13842	NA	9322	NA	0.863314998	0.063830714	15004.4	13949.667	Down	-0.101514980567862	Protein lunapark OS=Mus musculus GN=Lnp PE=1 SV=1
SLC4A4	O88343-2	4	4	36894.5	68230.25	14846.5	123514.25	75321.5	79638	71424.25	39952.25	49158.5	NA	0.863536569	0.063719266	63761.4	60043.25	Down	-0.0866812379623636	Isoform 2 of Electrogenic sodium bicarbonate cotransporter 1 OS=Mus musculus GN=Slc4a4
MOG	Q61885	2	2	5040	28835.5	4861.5	116813.5	41509	72161	47667	11029	8485	NA	0.863667431	0.063653458	39411.9	34835.5	Down	-0.178073031040419	Myelin-oligodendrocyte glycoprotein OS=Mus musculus GN=Mog PE=1 SV=1
DCLK2	Q6PGK8-3	8	8	19676.84	29987.3	14440.75	42221.38	35758.38	36738.55	43009.38	12926.12	33154.75	7657.5	0.863397833	0.063537867	28417.402	26879.676	Down	-0.0805273035768093	Isoform 3 of Serine/threonine-protein kinase DCLK2 OS=Mus musculus GN=Dclk2
APOE	P08226	12	12	32875.09	43281.55	13578.36	57847	24178.82	49572.91	35447.55	14263.18	30615.36	NA	0.863947394	0.063512701	34352.164	32474.75	Down	-0.0810825644351651	Apolipoprotein E OS=Mus musculus GN=Apoe PE=1 SV=2
CRELD1	Q91XD7	5	5	14447	18880.6	6561.4	45047.2	30482	38371.8	40576.6	14339.8	28242.2	2586.2	0.864557649	0.063206042	23083.64	24823.32	Up	0.104825345112003	Cysteine-rich with EGF-like domain protein 1 OS=Mus musculus GN=Creld1 PE=2 SV=1
ABLIM2	Q8BL65-4	21	21	26416.45	26376.2	14418.85	30278.55	30539.25	29916.55	33012.1	18689.25	37265.95	3095.3	0.865201269	0.062882852	25605.86	24395.83	Down	-0.0698394465759923	Isoform 4 of Actin-binding LIM protein 2 OS=Mus musculus GN=Ablim2
APBA2	P98084	4	4	2214.67	3160.67	409	5558.33	2649.67	4214.67	2621.33	NA	2111.33	NA	0.866089909	0.062437022	2798.468	2982.4433	Up	0.0918574759990631	Amyloid beta A4 precursor protein-binding family A member 2 OS=Mus musculus GN=Apba2 PE=1 SV=2
SMPD3	Q9JIY3	3	3	3824	24178.33	6856.33	49080.33	25154.67	41801.67	42220	16149.67	14391.67	4238.67	0.866469733	0.062246603	21818.732	23760.336	Up	0.122987976157355	Sphingomyelin phosphodiesterase 3 OS=Mus musculus GN=Smpd3 PE=1 SV=1
PSD3	Q2PFD7-3	14	14	98866.43	99938.29	86039.79	130006.43	87489.29	97548.71	104619	104688.5	121447.57	63278.43	0.867144883	0.061908335	100468.05	98316.442	Down	-0.0311231115274513	Isoform 3 of PH and SEC7 domain-containing protein 3 OS=Mus musculus GN=Psd3
CAMK2G	Q62379-3	26	26	54514.33	78713.75	45222.77	138486.73	81727.58	98886.19	106009.23	58852.27	67639.86	7265.032	0.867200314	0.061879158	76365.032	76349.892	Down	-0.0631291754158806	Isoform 3 of Calcium/calmodulin-dependent protein kinase type II subunit gamma OS=Mus musculus GN=Camk2g
SLC1A2	P43006	20	20	13454.45	32078	14116.6	106840	36816.2	67709.4	59492.7	21694.4	26726.3	9947.8	0.867831891	0.061564395	40661.05	37114.12	Down	-0.131679308715406	Excitatory amino acid transporter 2 OS=Mus musculus GN=Slc1a2 PE=1 SV=1
GIT1	Q68FF6	42	42	21181.93	24443.34	14775.41	20878.39	27231.15	27310.39	27414.51	14471.93	25946.98	16393.73	0.868054911	0.061452802	21702.044	22307.508	Up	0.039698428456118	ARF GTPase-activating protein GIT1 OS=Mus musculus GN=Git1 PE=1 SV=1
CSNK1D	Q9DC28-2	3	3	19606.67	36138	13380.67	33204.33	37515	36994	38556.33	12687	49129.67	10290.33	0.868189479	0.061385481	27968.934	29531.466	Up	0.078427708072948 5	Isoform 2 of Casein kinase I isoform delta OS=Mus musculus GN=Csnk1d
BCR	Q6PAJ1	4	4	15445	17692.25	44738.25	10560.75	14895.5	13800.25	25074.5	32813.75	16139.75	NA	0.868740174	0.061110095	20666.35	21957.063	Up	0.0874014491812761	Breakpoint cluster region protein OS=Mus musculus GN=Bcr PE=1 SV=3
PPME1	Q88VQ5	1	1	33394	28760	67622	37258	32932	49935	38358	24294	54032	NA	0.868831838	0.061064273	39993.2	41654.75	Up	0.0587262982635376	Protein phosphatase methylesterase 1 OS=Mus musculus GN=Ppme1 PE=1 SV=5
PGD	Q9DCD0	2	2	4912.5	16196	673	41417	9648.5	25122.5	16680.5	NA	6545	NA	0.868856562	0.061051915	14569.4	16116	Up	0.145552245334562	6-phosphogluconate dehydrogenase, decarboxylating OS=Mus musculus GN=Pgd PE=1 SV=3
RPS15	P62843	7	7	42905.71	48407.14	43335.57	73879.86	45767.14	64783.86	49385.71	37278.57	56934	39244.29	0.868967814	0.060996309	50859.084	49525.286	Down	-0.0383401720786818	40S ribosomal protein S15 OS=Mus musculus GN=Rps15 PE=2 SV=2
CBY1	Q9D1C2	1	1	1017	2597	NA	4447	2135	680	NA	NA	2526	NA	0.869153704	0.060990414	1799	1601	Down	-0.166420761096934	Protein chibby homolog 1 OS=Mus musculus GN=Cby1 PE=2 SV=1
TOM1L2	Q5SRX1-2	15	15	20980.75	24821.17	18690.17	30706.08	24869	28624.25	28252.75	15443.08	33178.75	10483.67	0.870645518	0.060158631	24013.434	23196.5	Down	-0.0499345874795558	Isoform 2 of TOM1-like protein 2 OS=Mus musculus GN=Tom1l2
MLIP	Q5FW52	2	2	5683	7739	4229	4274	5199	5502	6143	NA	4195	NA	0.872145713	0.05941095	5424.8	5280	Down	-0.0390320200790105	Muscular LMNA-interacting protein OS=Mus musculus GN=Mlip PE=1 SV=1
CASKIN1	Q6P9K8-4	5	5	22844	27889	23536	47994.4	21572.4	32229.8	35937.2	24865.2	28643.8	26636.6	0.872367209	0.059300667	28767.16	29662.52	Up	0.0442183682203128	Isoform 4 of Caskin-1 OS=Mus musculus GN=Caskin1
HMGA1	P17095	4	4	47913.5	18377.5	25866	10642.5	26210.5	16808	17447.25	29090	23477.25	36173.5	0.872699029	0.059135507	25802	24599.2	Down	-0.0688715002491447	High mobility group protein HMG-I/HMG-Y OS=Mus musculus GN=Hmga1 PE=1 SV=4
KSR2	Q3UVC0	2	2	3299	2315	1374	5666	4588.5	4556.5	3742	NA	1434.5	NA	0.873271868	0.05885053	3448.5	3244.3333	Down	-0.0880469124373564	Kinase suppressor of Ras 2 OS=Mus musculus GN=Ksr2 PE=2 SV=2
RPL23A	P62751	9	9	207336.67	227414.11	192533	241673.33	196356.56	220485	234177.78	197002	275184.89	114797.44	0.873388586	0.058802433	213062.73	208329.42	Down	-0.0324116757664751	60S ribosomal protein L23a OS=Mus musculus GN=Rpl23a PE=1 SV=1
ABLIM1	Q8K4G5-3	10	10	19964.5	25477.3	20355.6	22718.8	25860.3	24175.5	25192.5	20894.2	31565.8	8138.1	0.873718512	0.058628462	22675.3	21993.22	Down	-0.0440627952589182	Isoform 3 of Actin-binding LIM protein 1 OS=Mus musculus GN=Ablim1
UQCR11	Q9CPX8	1	1	25273	24182	16745	25333	15943	23949	16691	27893	19591	NA	0.87387277	0.058551793	21495.2	22031	Up	0.035520447498873	Cytochrome b-c1 complex subunit 10 OS=Mus musculus GN=Uqcr11 PE=2 SV=1
SS18L1	Q8BW22	2	2	27228	19295.5	19023	15049	22886	19741.5	22913.5	12502	23168	27822	0.874330742	0.058324251	20696.3	21229.4	Up	0.03669027257248 5	Calcium-responsive transactivator OS=Mus musculus GN=Ss18l1 PE=1 SV=1
DNM1L	Q8K1M6-5	3	3	8851.67	14908	NA	38782	12122.67	18657	23137	NA	17790.33	NA	0.874518719	0.05823089	18666.085	19861.443	Up	0.0895510971469773	Isoform 5 of Dynamin-1-like protein OS=Mus musculus GN=Dnm1l
AK5	Q920P5-2	5	5	18334.6	21639.2	17315.2	15434.8	21648.8	21691.6	22657.2	16866	32548.4	4546.2	0.874608599	0.058186257	18874.52	19661.88	Up	0.0589613181457681	Isoform 2 of Adenylate kinase isoenzyme 5 OS=Mus musculus GN=Ak5
ADGRB3	Q80ZF8	9	9	16179.11	42649.56	17433.78	54570.67	47719.44	49292.56	70847.78	15410.67	51547.89	3535.78	0.87463357	0.058173857	35710.512	38126.936	Up	0.0944617774960499	Brain-specific angiogenesis inhibitor 3 OS=Mus musculus GN=Bai3 PE=1 SV=2
PLCH2	A2AP18-5	2	2	22857	26338	17237	59881	25746	39947	34532	33107	19686	NA	0.876531127	0.057232657	30411.8	31818	Up	0.0652119458286005	Isoform 5 of 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-2 OS=Mus musculus GN=Plch2
SNW1	Q9CSN1	3	3	8853.33	8097	5758.67	5512	8411	8688.67	9195.33	4518	12333.67	3347	0.876626044	0.057185631	7326.4	7616.534	Up	0.0560301603264617	SNW domain-containing protein 1 OS=Mus musculus GN=Snw1 PE=1 SV=3
LRRC59	Q922Q8	8	8	40966.62	55467.75	34072.12	126372.12	54717.38	85183.5	88002.62	59366.25	58806.25	35658.75	0.876918318	0.057040858	62319.198	65403.574	Up	0.0696928072797211	Leucine-rich repeat-containing protein 59 OS=Mus musculus GN=Lrrc59 PE=1 SV=1
ITPR1	P11881-3	2	2	NA	714.5	NA	6658	2115	3770	3415.5	NA	1307	NA	0.876936159	0.057032022	3162.5	2830.8333	Down	-0.159838667423628	Isoform 3 of Inositol 1,4,5-trisphosphate receptor type 1 OS=Mus musculus GN=Itpr1
ATP6V0A1	Q9Z1G4	11	11	10343.45	11222.73	9891.91	38624.73	16344.82	25283	21429.64	14551.64	12620.55	7461.64	0.877091018	0.056955336	17285.528	16269.294	Down	-0.0874130253733996	V-type proton ATPase 116 kDa subunit a isoform 1 OS=Mus musculus GN=Atp6v0a1 PE=1 SV=3
CNBP	P53996-3	3	3	28523	18856.33	16322.33	21970	24871	17557.33	29577.33	22982.67	39896.33	5523.33	0.877231686	0.05688569	22108.532	23107.398	Up	0.0637515810008241	Isoform 3 of Cellular nucleic acid-binding protein OS=Mus musculus GN=Cnbp
FAM213B	Q9DB60	3	3	74068.33	62025	43754	34368.33	68984	58517	68535.33	26059.33	82667	NA	0.877272999	0.056865237	56639.932	58944.665	Up	0.0575417094128394	Prostamide/prostaglandin F synthase OS=Mus musculus GN=Fam213b PE=1 SV=1
STUM	Q0VBF8	1	1	4260	7453	NA	38158	11469	17320	15752	NA	8892	NA	0.877873241	0.056608065	15335	13988	Down	-0.132638465456666	Uncharacterized membrane protein C1orf95 homology OS=Mus musculus PE=2 SV=1
1110004F10RIK	Q9RDP4	5	5	25568.4	27851.4	23991.6	19102.6	26961.2	25367.8	26351.2	30251.4	38388.8	7421.8	0.877857376	0.056576038	24695.04	25556.2	Up	0.0494520296256204	Small acidic protein OS=Mus musculus GN=Smap PE=1 SV=1
LINGO1	Q9D1T0	2	2	17627.5	19524.5	13249	30812.5	21931	28711	25370.5	12901.5	12223	NA	0.877873247	0.056568186	20628.9	19801.5	Down	-0.0590571728424941	Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1 OS=Mus musculus GN=Lingo1 PE=1 SV=1
ACB0D6	Q9DD61	1	1	2603	5736	NA	12529	5622	6364	7338	NA	5079	NA	0.878036538	0.056487411	6622.5	6260.3333	Down	-0.0811364626600156	Acyl-CoA-binding domain-containing protein 6 OS=Mus musculus GN=Acbd6 PE=2 SV=2
ELFN2	Q68FM6	3	3	24058	44010.67	21947.33	71782	43464.67	62692.67	63342.33	14882	44569.33	30059.67	0.878130034	0.056441169	41052.534	43109.2	Up	0.0705245136779794	Protein phosphatase 1 regulatory subunit 29 OS=Mus musculus GN=Elfn2 PE=2 SV=1
EEF2	P58252	28	28	43282.61	58855.93	42769.68	73050.43	55497.21	59100.64	65636.46	47359.93	48315.54	58284.04	0.878318573	0.056347934	54691.172	55739.322	Up	0.0273874754004496	Elongation factor 2 OS=Mus musculus GN=Eef2 PE=1 SV=2
IMMT	Q8CAQ8-4	6	6	44548.83	49270.33	66204.17	56639.5	47238	49967.17	52855.17	32602.83	55179.67	80134	0.8783348	0.05633991	52780.166	54147.768	Up	0.0369059822753458	Isoform 4 of Mitochondrial inner membrane protein OS=Mus musculus GN=Immt
ITSN1	Q92OR4	6	6	34534.2	27298.8	47138	55267	41820.2	53986.2	51511.4	18947.2	66176.8	23708	0.87846232	0.056276862	41211.64	42865.92	Up	0.0567792310365868	Intersectin-1 OS=Mus musculus GN=Itsn1 PE=1 SV=2
ITSN1	Q92OR4-2	5	5	34534.2	27298.8	47138	55267	41820.2	53986.2	51511.4	18947.2	66176.8	23708	0.87846232	0.056276862	41211.64	42865.92	Up	0.0567792310365868	Isoform 2 of Intersectin-1 OS=Mus musculus GN=Itsn1
HMGB1	P63158	7	7	88378.14	59370.57	95036	70269.57	77944.43	71856.71	70228.57	87854.71	70707.57	96895.43	0.879591228	0.055719111	78199.742	79508.598	Up	0.0239470330519062	High mobility group protein B1 OS=Mus musculus GN=Hmgb1 PE=1 SV=2
GNG7	Q61016	3	3	116096	142231.33	130301	96914.33	114077	105992.33	122400	118154.67	108947	136725.33	0.879595329	0.055717086	119923.93	118443.87	Down	-0.0179161055984027	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-7 OS=Mus musculus GN=Gng7 PE=2 SV=2
IARS2	Q8BU6	1	1	NA	2876	NA	10316	NA	7443	7172	NA	NA	NA	0.879705395	0.055662745	6596	7307.5	Up	0.147786525255948	Isoleucine--tRNA ligase, mitochondrial OS=Mus musculus GN=Iars2 PE=1 SV=1
AP2A1	P17426	9	9	58664.33	72688.11	74561.89	110520.11	89381.56	99672.78	102374.89	91218.33	72507	50306.67	0.879723714	0.055653701	81163.2	83215.934	Up	0.0360340518493912	AP-2 complex subunit alpha-1 OS=Mus musculus GN=Ap2a1 PE=1 SV=1
ST13	Q99L47	22	22	66055.91	64034.14	73324.09	40890.64	61530.32	50527.14	57325.55	79026.91	74543.23	50731.55	0.880173704	0.055431611	61167.02	62430.876	Up	0.0295057181039393	Hsc70-interacting protein OS=Mus musculus GN=St13 PE=1 SV=1
ATP6V0A1	Q9Z1G4-3	14	14	8452.5	10374.07	7772.21	36163.29	14307.21	23035.64	19961.43	12873.71	10506.71	5862.71	0.88026027	0.055388899	15413.856	14448.04	Down	-0.0933540260285438	Isoform A1-III of V-type proton ATPase 116 kDa subunit a isoform 1 OS=Mus musculus GN=Atp6v0a1
TST	P52196	2	2	26735	24509	1515	32948.5	27800	35444.5	27892	4904.5	32762	5806.5	0.880371665	0.055333944	22701.5	21361.9	Down	-0.0877476557046868	Thiosulfate sulfurtransferase OS=Mus musculus GN=Tst PE=1 SV=3
DST	Q91ZU6-5	1	1	NA	NA	NA	7109	1132	3713	3396	NA	NA	NA	0.880871028	0.055087674	4120.5	3554.5	Down	-0.211372776255882	Isoform 5 of Dystonin OS=Mus musculus GN=Dst
ROMO1	P60603	1	1	74473	57430	76089	48454	72461	69445	64825	70197	62302	NA	0.880984342	0.05503181	65781.4	66692.25	Up	0.0198394093681922	Reactive oxygen species modulator 1 OS=Mus musculus GN=Romo1 PE=2 SV=1
SRCIN1	Q9QWI6-3	79	79	61206.75	67227.4	52493.01	69893.06	72188.88	70491.52	77854.36	48606.97	89713.17	43726.6	0.881164774	0.054942873	64601.82	66078.524	Up	0.0326066516161108	Isoform 3 of SRC kinase signaling inhibitor 1 OS=Mus musculus GN=Srcin1
CCM2	Q8K2Y9	1	1	1155	842	NA	2483	356	1053	1111	NA	1701	NA	0.881482031	0.054786537	1209	1288.3333	Up	0.0916916884193	Malcavernin OS=Mus musculus GN=Ccm2 PE=1 SV=1
GPD1	P13707	3	3	36489	43020	43582.67	68493	43848.33	62606.67	55847.33	29669	53776	26442.33	0.881549492	0.054753301	47086.6	45668.266	Down	-0.0441245407842759	Glycerol-3-phosphate dehydrogenase [NAD(+)], cytoplasmic OS=Mus musculus GN=Gpd1 PE=1 SV=3
SNRPD2	P62317	1	1	140000	76272	113417	38805	122364	58970	88315	92313	129804	139396	0.881686556	0.054685781	98171.6	101759.6	Up	0.0517872710781852	Small nuclear ribonucleoprotein Sm D2 OS=Mus musculus GN=Snrpd2 PE=2 SV=1
PROSC	Q92ZY8	6	6	87900.67	89463	76965.83	83761.5	89071.5	89079.5	83052.17	59759.83	99594.17	101856.17	0.882217434	0.054424364	85432.5	86668.368	Up	0.0207205379560593	Proline synthase co-transcribed bacterial homolog protein OS=Mus musculus GN=Prosc PE=1 SV=1
ARFGAP1	Q9EPJ9	23	23	44548	54607.8	53288.55	48153.2	52841.9	55186.2	60853.2	58884.3	53102.2	29986.2	0.882633623	0.054219533	50687.89	51602.42	Up	0.0257976156628477	ADP-ribosylation factor GTPase-activating protein 1 OS=Mus musculus GN=Arfgap1 PE=1 SV=2
SRCIN1	Q9QWI6-2	80	80	59601.94	65495.67	50591.19	68554.5	70222.83	68958.09	75951.55	48592.06	86858.4	41238.59	0.882675034	0.054199157	62893.226	64319.738	Up	0.0323568918045523	Isoform 2 of SRC kinase signaling inhibitor 1 OS=Mus musculus GN=Srcin1
MBP	P04370-2	23	23	961924.96	730170.48	1226888.7	217244.87	685974.65	437022.65	308968.91	988732.57	494905.52	1392794.8	0.883172657	0.053954385	764440.72	724484.9	Down	-0.0774490202741627	Isoform 2 of Myelin basic protein OS=Mus musculus GN=Mbp
HIST2H2BE	Q64524	30	30	452377.47	205328.83	337134.23	63582.2	257840.53	127465.07	150247.63	408901.67	170503.7	538263.7	0.883976091	0.053559481	263252.65	279076.35	Up	0.0842118257580151	Histone H2B type 2-E OS=Mus musculus GN=Hist2h2be PE=1 SV=3
CIT	P49025-5	15	15	21068.87	27240.2	19052.47	29952.4	33445.73	34742	32908.2	26555.07	35676.93	5610.4	0.884169116	0.053464659	26151.934	27098.52	Up	0.0512964189053152	Isoform 5 of Citron Rho-interacting kinase OS=Mus musculus GN=Cit
RPL27A	P14115	6	6	137382.17	142390.33	113184.17	119446.17	105139.67	93629.5	138681.67	104427.17	129540.17	161929.5	0.884532082	0.053286411	123508.5	125641.6	Up	0.0247038862571277	60S ribosomal protein L27a OS=Mus musculus GN=Rpl27a PE=2 SV=5
MIA3	Q8BII84	7	7	1928.29	4280.71	1564.71	12147	6117.14	8487.43	8325	622.43	5001.29	NA	0.884543359	0.053280874	5207.57	5609.0375	Up	0.107142901330407	Melanoma inhibitory activity protein 3 OS=Mus musculus GN=Mia3 PE=1 SV=2
YARS	Q91WQ3	4	4

KCNA2	P63141	1	1	2053	6057	NA	8939	5731	4848	7793	NA	3617	NA	0.88908343	0.051057483	5695	5419.3333	Down	-0.071580454543318822	Potassium voltage-gated channel subfamily A member 2 OS=Mus musculus GN=Kcna2 PE=1 SV=1
CNKSR2	Q80YA9	13	13	16100.08	18682	10737.92	20481.31	23471.38	23023.77	24871.54	16530	18573.31	8997.46	0.88981133	0.050702069	17894.538	18399.216	Up	0.040124996788765	Connector enhancer of kinase suppressor of ras 2 OS=Mus musculus GN=Cnksr2 PE=1 SV=1
CADM4	Q8R464	8	8	31263.12	36715.38	38158	54105.62	39234.62	52330	45975.75	44515.12	42946.5	18652.62	0.890515424	0.050358554	39895.348	40883.998	Up	0.035315751999651	Cell adhesion molecule 4 OS=Mus musculus GN=Cadm4 PE=1 SV=1
RABEP2	Q91WG2-2	1	1	5569	2167	NA	7632	3780	7313	2309	NA	3917	NA	0.891181999	0.050033595	4787	4513	Down	-0.085035027507227	Isoform 3 of Rab GTPase-binding effector protein 2 OS=Mus musculus GN=Rabep2
PCDH8	Q7TSK2-3	2	2	7352.5	7557.5	2629	10535	7592.5	9079.5	8872	4108	8251	4152	0.891192672	0.050028393	7133.3	6892.5	Down	-0.049542286975795	Isoform 3 of Protocadherin-8 OS=Mus musculus GN=Pcdh8
SLC4A4	O88343	7	7	22661.57	45435.14	8483.71	90549.71	50980.43	56868	52633.29	22829.86	32938.29	NA	0.891266684	0.049993237	43622.112	41317.36	Down	-0.078311545727687	Electrogenic sodium bicarbonate cotransporter 1 OS=Mus musculus GN=Slc4a4 PE=1 SV=2
SH3BGRL3	Q91VW3	7	7	214913.29	197075.29	72201.29	143769	206097.29	220424.29	251637.29	49811.14	257198	13170.71	0.891829459	0.049718186	166811.23	158448.29	Down	-0.074204380135534	SH3 domain-binding glutamic acid-rich-like protein 3 OS=Mus musculus GN=Sh3bgrl3 PE=1 SV=1
DAG1	Q62165	2	2	191432.5	160847	198030.5	100094	144632	126047.5	166461.5	144300	226893	112683.5	0.89255014	0.049367378	159007.2	155277.1	Down	-0.030424701439102441	Dystroglycan OS=Mus musculus GN=Dag1 PE=1 SV=4
EHD1	Q9WVK4	4	4	27659.75	35488.25	11862.25	87253	36944.5	55630.5	56796.75	12038.75	25457.5	NA	0.892702932	0.049293039	39841.55	37480.875	Down	-0.088119141814264	EH domain-containing protein 1 OS=Mus musculus GN=Ehd1 PE=1 SV=1
NUFIP2	Q5F2E7-2	2	2	17662	18978.5	9523	27142.5	31563.5	23909	25959	7328	30261	NA	0.892707388	0.049290871	20973.9	21864.25	Up	0.059978712248362 5	Isoform 2 of Nuclear fragile X mental retardation-interacting protein 2 OS=Mus musculus GN=Nufip2
AHSA1	Q8BK64	3	3	35331.67	56125.67	25401.33	53423.33	50868.33	56674.67	57202	21592.67	52756.33	26078.67	0.892902616	0.049195905	44230.066	42860.868	Down	-0.045366327869563 5	Activator of 90 kDa heat shock protein ATPase homolog 1 OS=Mus musculus GN=Ahsa1 PE=2 SV=2
SYN1	O88935	107	107	110291.93	97694.32	92780.69	109696.62	91056.55	110870.42	100134.77	85414.44	102129.95	98942.68	0.892923306	0.049185841	100304.02	99498.452	Down	-0.011633470980467 4	Synapsin-1 OS=Mus musculus GN=Syn1 PE=1 SV=2
SST	P60041	6	6	38159.2	39945.2	37824.2	25776.2	29333.8	31799.2	36081.8	53115.6	48565.6	7452.2	0.893458478	0.048925626	34207.72	35402.88	Up	0.049544777987371	Somatostatin OS=Mus musculus GN=Sst PE=2 SV=1
EEF1A1	P10126	52	52	109314.88	109387	132474.27	122905.48	101108.04	106160.31	111656.29	130926.62	106811.19	124805.31	0.893796359	0.048761419	115037.93	116071.94	Up	0.012909626073128	Elongation factor 1-alpha 1 OS=Mus musculus GN=Eef1a1 PE=1 SV=3
HN1	P97825	4	4	27703	41517.5	16256.5	30331	32864.5	35079	34810.25	18010.25	44147.75	11647.75	0.894881914	0.048234269	29734.5	28739	Down	-0.049127953535385318	Hematological and neurological expressed 1 protein OS=Mus musculus GN=Hn1 PE=1 SV=3
FLOT2	Q60634-3	6	6	9265.17	16132.33	8016.67	50425.17	23265.67	31272	40106.67	5181.83	15172.17	NA	0.894905849	0.048222653	21421.002	22933.168	Up	0.098409665964869 1	Isoform 3 of Flotillin-2 OS=Mus musculus GN=Flot2
MRPL19	Q9D338	4	4	30845	34029.5	30974.75	32557.5	28173.25	40091.75	38373.5	38220	39647.75	5071.25	0.895019043	0.048167724	31316	32280.85	Up	0.043778618675270 4	39S ribosomal protein L19, mitochondrial OS=Mus musculus GN=Mrpl19 PE=2 SV=1
AIMP2	Q8R010	2	2	NA	NA	NA	2951.5	1541	2457.5	1899	NA	2028.5	NA	0.895215277	0.048072515	2246.25	2128.3333	Down	-0.077794384528374 2	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2 OS=Mus musculus GN=Aimp2 PE=1 SV=2
IMMT	Q8CAQ8-5	63	63	56463	70529.38	44041.4	131604.02	76428.43	98405.54	91775.97	62755.95	72001.68	41749.81	0.895462499	0.047952597	75813.246	73337.79	Down	-0.047893144613317 3	Isoform 5 of Mitochondrial inner membrane protein OS=Mus musculus GN=Immt
IMMT	Q8CAQ8	64	64	55657.3	69449.31	43353.25	129612.77	75278.11	96919.62	90401.2	61775.39	70999.45	41097.47	0.895753343	0.047811562	74670.148	72238.626	Down	-0.047761137943287 9	Mitochondrial inner membrane protein OS=Mus musculus GN=Immt PE=1 SV=1
EMC3	Q99KI3	1	1	16735	61749	13255	270345	64957	129977	136050	55851	48610	NA	0.896274751	0.047558838	85408.2	92622	Up	0.116980320747858	ER membrane protein complex subunit 3 OS=Mus musculus GN=Emc3 PE=2 SV=3
FKBP8	O35465	14	14	22886.85	30582.08	16508.31	39114.77	26576.77	34913.31	33511.54	14223.08	33507.15	15486.69	0.897216281	0.047102854	27133.756	26328.354	Down	-0.043471437492328	Peptidyl-prolyl cis-trans isomerase FKBP8 OS=Mus musculus GN=Fkbp8 PE=1 SV=2
CAMK2A	P11798-2	23	23	21179.18	25109.95	23309.36	42448.36	25904.73	30261.05	30593.86	27481.32	23341.95	23491.18	0.897393736	0.047016966	27590.316	27033.872	Down	-0.029393819799534	Isoform Alpha KAP of Calcium/calmodulin-dependent protein kinase type II subunit alpha OS=Mus musculus GN=Camk2a
SYNE1	Q6ZWR6-3	1	1	1809	6709	NA	9164	6685	6534	7062	NA	3937	NA	0.897411463	0.047008387	6091.75	5844.3333	Down	-0.059818271079668 9	Isoform 3 of Nesprin-1 OS=Mus musculus GN=Syne1
RPS24	P62849-3	8	8	94835.12	114290.12	108868.75	89572.75	88570.38	91099.5	103626.12	68624.62	131599	109001.88	0.89745347	0.046988059	99227.424	100790.22	Up	0.022544907556812	Isoform 3 of 40S ribosomal protein S24 OS=Mus musculus GN=Rps24
BDH1	Q80XN0	13	13	36075.69	39591.08	34155.08	59028.38	34459.85	46650.77	45210.46	39679.92	41279.92	33979.38	0.897764965	0.046837347	40662.016	41360.09	Up	0.024557580007644	D-beta-hydroxybutyrate dehydrogenase, mitochondrial OS=Mus musculus GN=Bdh1 PE=1 SV=2
NRXN3	Q6PI9K9	1	1	51008	81549	116785	88878	60363	77999	73394	72515	102167	NA	0.89782412	0.046808731	79716.6	81518.75	Up	0.032251750567264 3	Neurexin-3 OS=Mus musculus GN=Nrxn3 PE=1 SV=2
SNAP29	Q9ERB0	12	12	28251.5	30558	20177.67	22897.33	27947	27628.83	32904.75	27207.92	43396.25	3310	0.898204	0.046516045	25966.3	26889.234	Up	0.050388201794688 2	Synaptosomal-associated protein 29 OS=Mus musculus GN=Snap29 PE=2 SV=1
LZTS3	A2AHG0-3	9	9	21372.83	29522	32713.17	11580.33	25803.33	20928.83	26286.67	31818	32806.5	12597.83	0.898682047	0.046393934	24198.332	24887.566	Up	0.040517536494534	Isoform 3 of Leucine zipper putative tumor suppressor 3 OS=Mus musculus GN=Lzts3
GRIA1	P23818	7	7	21047.14	31980.86	22362.14	57387.14	27626.71	41468.14	40987.29	29949.29	30745.14	11631.29	0.898732	0.046369794	32080.798	30956.23	Down	-0.051480245062394 7	Glutamate receptor 1 OS=Mus musculus GN=Gria1 PE=1 SV=1
PGAM5	Q88X10	5	5	19602.4	32975.4	18438.8	51682.4	25242.4	40395.2	36629.2	19892.2	25509	NA	0.899049391	0.046216449	29588.28	30606.4	Up	0.048807528023337 1	Serine/threonine-protein phosphatase PGAM5, mitochondrial OS=Mus musculus GN=Pgam5 PE=2 SV=1
DYNLL1	P63168	1	1	1145	3009	NA	8337	3015	3998	3321	NA	NA	NA	0.899236034	0.046126298	3876.5	3659.5	Down	-0.083108119362464 9	Dynein light chain 1, cytoplasmic OS=Mus musculus GN=Dynll1 PE=1 SV=1
GPI1	P06745	17	17	37236.12	50066.53	55674.35	96369.18	55466.59	70889.41	70454.53	56332.59	46412.88	43234.59	0.900407724	0.045560788	58962.554	57464.8	Down	-0.037120511617864 9	Glucose-6-phosphate isomerase OS=Mus musculus GN=Gpi PE=1 SV=4
DAAM1	Q8BPM0-3	1	1	NA	6681	936	37981	10219	20183	14651	NA	3220	NA	0.90061277	0.0454619	13954.25	12684.667	Down	-0.137618977746029	Isoform 3 of Disheveled-associated activator of morphogenesis 1 OS=Mus musculus GN=Daam1
KIF2A	P28740	16	16	29448.25	37084.5	37351.94	38770.75	34628.19	37941.19	41104.62	24626.12	33795.38	42073.19	0.901122731	0.045172682	35446.738	35908.7	Up	0.018680555171588 6	Kinesin-like protein KIF2A OS=Mus musculus GN=Kif2a PE=1 SV=2
CDC42SE1	Q88HL7	1	1	15516	15758	22862	9105	16212	14067	14921	NA	19774	NA	0.901455765	0.045055579	15890.6	16254	Up	0.032621200132080 3	CDC42 small effector protein 1 OS=Mus musculus GN=Cdc42se1 PE=3 SV=1
ZC3H15	Q3TIV5	1	1	2289	1384	NA	2876	1459	2432	2064	NA	1321	NA	0.901456682	0.045055138	2002	1939	Down	-0.046129170729011	Zinc finger CCCH domain-containing protein 15 OS=Mus musculus GN=Zc3h15 PE=1 SV=2
GNB2	P62880	26	26	107261.62	121273.58	85086.23	267525.08	111776.35	174384.42	133357.23	154568.04	129481.96	77538.08	0.901661137	0.044956649	138584.57	133865.95	Down	-0.049977655587872 4	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2 OS=Mus musculus GN=Gnb2 PE=1 SV=3
NDE1	Q9CZA6-4	2	2	106399.5	90642.5	69527	70588.5	113426.5	85281.5	106599	21360	133749.5	NA	0.901792247	0.044893503	90116.8	86747.5	Down	-0.054973904277661 2	Isoform 4 of Nuclear distribution protein nudE homolog 1 OS=Mus musculus GN=Nde1
EIF1B	Q9CXU9	4	4	33672	30890.33	16406	43362.67	32935.33	36988.33	30102.33	19922.33	35828.33	NA	0.90217467	0.044709371	31453.266	30710.33	Down	-0.034485814443797 3	Eukaryotic translation initiation factor 1b OS=Mus musculus GN=Eif1b PE=2 SV=2
LRPAP1	P55302	9	9	27264.11	34187.22	18174.11	62666.33	32596.11	50948	37973.67	24276.67	47613.22	7109.44	0.902344791	0.044627485	34977.576	33584.2	Down	-0.058467648452602	Alpha-2-macroglobulin receptor-associated protein OS=Mus musculus GN=Lrpap1 PE=1 SV=1
SLC30A9	Q5JRJ6	1	1	4206	11353	NA	24945	10474	15031	15753	NA	9331	NA	0.902466147	0.04456908	12744.5	13371.667	Up	0.069304522758342 5	Zinc transporter 9 OS=Mus musculus GN=Slc30a9 PE=1 SV=2
DCTPP1	Q9QY93	1	1	1006	NA	NA	2982	1863	1591	1014	NA	2451	NA	0.902519471	0.04454342	1617	1685	Up	0.059428912595555 9	dCTP pyrophosphatase 1 OS=Mus musculus GN=Dctpp1 PE=1 SV=1
FLOT1	O08917	20	20	18445.05	30570.45	15601.9	54806.45	31571.9	42386.05	43994.2	14452.2	33450.95	10513.85	0.902838678	0.044389844	30199.15	28959.45	Down	-0.060473740412586 9	Flotillin-1 OS=Mus musculus GN=Flot1 PE=1 SV=1
LMAN1	Q9D0F3	1	1	1708	6475	NA	10002	5556	7832	7242	NA	3564	NA	0.90300348	0.044295513	5935.25	6212.667	Up	0.065903851018785 6	Protein ERGIC-53 OS=Mus musculus GN=Lman1 PE=2 SV=1
PSMA5	Q9Z2U1	7	7	33721.71	33769.71	37241.86	29561.71	31649.86	34058	38112.14	41122.29	39545.57	16155.43	0.903039559	0.044293225	33188.97	33798.686	Up	0.026263302654429	Proteasome subunit alpha type-5 OS=Mus musculus GN=Psma5 PE=1 SV=1
CLCN7	O70496	1	1	1416	1283	NA	7764	579	4203	3253	NA	1540	NA	0.903571969	0.044037251	2760.5	2998.667	Up	0.119391559264722	H(+)/Cl(-) exchange transporter 7 OS=Mus musculus GN=Clcn7 PE=1 SV=1
SV2A	Q9JIS5	10	10	20127.71	49310.71	13803.43	187926	50012.14	104836	78230.29	17836.57	37244	NA	0.903809953	0.04392288	64235.998	59536.715	Down	-0.109602391991388	Synaptic vesicle glycoprotein 2A OS=Mus musculus GN=Sv2a PE=1 SV=1
DCTN6	Q9WUB4	3	3	38015.33	37402	34180	29690.33	36177	35047.67	33645	45288.33	49384.33	15894	0.904833927	0.043431124	35092.932	35851.866	Up	0.030867720200050 2	Dynactin subunit 6 OS=Mus musculus GN=Dctn6 PE=1 SV=1
STXBP5L	Q5DQB4	1	1	678	2830	NA	7004	4025	4555	3841	NA	1926	NA	0.904954514	0.043373249	3634.25	3440.6667	Down	-0.077869536053876 6	Syntaxin-binding protein 5-like OS=Mus musculus GN=Stxbp5l PE=2 SV=1
ANK2	Q8C8R3-6	16	16	12368.69	28703.19	12143.81	68868.81	41767.69	54320.88	59769.94	6691.56	31271.06	2011.06	0.904984451	0.043358882	32770.438	30812.9	Down	-0.088860485782648	Isoform 6 of Ankyrin-2 OS=Mus musculus GN=Ank2
RIMS2	Q9EQZ7-2	1	1	7654	5689	NA	15242	38042	18659	17661	NA	10645	NA	0.904996812	0.043352951	16656.75	15655	Down	-0.089483426663894 5	Isoform 2 of Regulating synaptic membrane exocytosis protein 2 OS=Mus musculus GN=Rims2
AP2M1	P84091	19	19	112109.11	162452.63	118001.95	319987.58	185430.16	247310.89	255085	125908.32	145258.11	93630.74	0.905014778	0.043344329	179596.29	173438.61	Down	-0.050332399660141 6	AP-2 complex subunit mu OS=Mus musculus GN=Ap2m1 PE=1 SV=1
RAP2A	Q80ZJ1	3	3	9748.67	17943.33	8512.33	23517	15919.67	20711	20604.67	5366.67	16072.33	NA	0.905735304	0.042998704	15128.2	15688.668	Up	0.052482482316611 4	Ras-related protein Rap-2a OS=Mus musculus GN=Rap2a PE=1 SV=2
SPECC1	Q5SXY1-3	7	7	19106.33	21711.5	15321.5	29910.33	25650.17	28197.83	28890.5	7262.83	27932.33	NA	0.906113842	0.042817235	22339.966	23070.873	Up	0.046445575195597	Isoform 4 of Cytospin-B OS=Mus musculus GN=Specc1
4933434E20RIK	Q8R092-2	1	1	NA	2458	NA	9234	3949	9151	5772	NA	1827	NA	0.906341401	0.042708181	5213.6667	5583.333	Up	0.098828341945482	Isoform 3 of Uncharacterized protein C1orf143 homolog OS=Mus musculus
RGS7	O54829	3	3	32502.5	30724	23509	22261	25461	33532.5	32116	9515	29405.5	NA	0.906344869	0.042706519	26891.5	26142.25	Down	-0.040766914825109 3	Regulator of G-protein signaling 7 OS=Mus musculus GN=Rgs7 PE=1 SV=2
P3MB5	O55234	1	1	11556	14602	12539	17135	9512	17014	9767	11947	12572	NA	0.906882718	0.042446719	13068.8	12825	Down	-0.027167856086603	Proteasome subunit beta type-5 OS=Mus musculus GN=Psmb5 PE=1 SV=3
RAP1GAP	A2ALS5-3	5	5	17618.2	20387.2	13342.4	18333.8	24975.8	18724.8	18636.2	19128	22409	14377	0.907164433	0.042313985	18931.48	18655	Down	-0.021224840384939	Isoform 3 of Rap1 GTPase-activating protein 1 OS=Mus musculus GN=Rap1gap
ATP4A	Q64436	7	7	46706.83	144631.33	7731	408018.67	132650.17	241182.17	226483	80395.5	83491.5	NA	0.907867595	0.041977485	147947.6	157888.04	Up	0.093815620824352	Potassium-transporting ATPase alpha chain 1 OS=Mus musculus GN=Atp4a PE=1 SV=3
RPS5	P97461	3	3	62434.33	82214	58049.33	107486.33	73555	78477.33	78586.67	85637.67	73395.67	61839.67	0.908247983	0.041795558	76747.798	75587.402	Down	-0.021979554763315 1	40S ribosomal protein S5 OS=Mus musculus GN=Rps5 PE=1 SV=3
UNC13A	Q4KU52	3	3	6847	29343.33	15393	87252	27691.33	43831	41627.33	25472	23778.33	22833.33	0.90847659	0.041686259	33305.332	31508.398	Down	-0.080016758793711	Protein unc-13 homolog A OS=Mus musculus GN=Unc13a PE=1 SV=3
APOA1	Q00623	3	3	61029.67	69963.67	31750.67	32756.33	40844.33	63250.33	61337.67	27887	59467	30938.67	0.908580191	0.041636736	47268.934	48576.134	Up	0.039355345494741	Apolipoprotein A-I OS=Mus musculus GN=Apoa1 PE=1 SV=2
DST	Q91ZU6-3	5	5	1016.2	1545	1426.8	9027.2	1994.8	5268.2	3724.6	799.6	1340.4	NA	0.908801497	0.041530966	3002	2783.2	Down	-0.109179392888161	Isoform 3 of Dystonin OS=Mus musculus GN=Dst
IL6ST	Q00560	1	1	NA	NA	NA	2751	532	2123	1305	NA	1011	NA	0.908828335	0.041518141	1641.5	1479.6667	Down	-0.149742541969043	Interleukin-6 receptor subunit beta OS=Mus musculus GN=Il6st PE=1 SV=2
AP1S1	P61960	1	1	NA	2174	1759	10022	2441	5789	3926	NA	1890	NA	0.908954684	0.041457768	4149	3868.3333	Down	-0.100105154036090 4	AP-1 complex subunit sigma-1A OS=Mus musculus GN=Ap1s1 PE=1 SV=1
G3BP2	P97379	8	8	85579.38	99324.62	58342.88	122145.12	92686.75	101236.38	104092.88	80877.75	107081.12	56493.88	0.909036632	0.041418615	91615.75	89956.402	Down	-0.026369680707244	Ras GTPase-activating protein-binding protein 2 OS=Mus musculus GN=G3bp2 PE=1 SV=2
CAR2	P00920	2	2	72637	82898.5	78486	68762	86080	94035	67169.5	104321	94912	36170.5	0.909159042	0.041360138	77772.7	79321.6	Up	0.028449953483064 2	Carbonic anhydrase 2 OS=Mus musculus GN=Ca2 PE=1 SV=4
IQSEC2	Q5DU25	16	16	12720.19	18863.56	10768.19	33902.38	27168.44	28542.06	27941.5	16678.56	23111.62	3394.56	0.90923366	0.041324495	20684.552	19933.66	Down	-0.053347084710739 4	IQ motif and SEC7 domain-containing protein 2 OS=Mus musculus GN=Iqsec2 PE=1 SV=3
TPD52L2	Q9CYZ2	6	6	47980.83	50584	45781.17	53991.17	49399	59530.17	52796.17	61283.17	74064.33	7074.33	0.909272217	0.041306079	49547.234	50949.634	Up	0.040267622730465	Tumor protein D54 OS=Mus musculus GN=Tpd52l2 PE=1 SV=1
FAM49A	Q8BHZ0	2	2	10243	27916.5	22494.5	68158.5	29863.5	42878.5	56880.5	12469	21333	NA	0.909479304	0.041207179	31735.2	33390.25	Up	0.073342960479934 6	Protein FAM49A OS=Mus musculus GN=Fam49a PE=2 SV=1
FABP5	Q05816	28	28	65032.32	64140.93	61144.25	81395.21	64711.29	68289.04	65440.04	74202.54	79472.18	44945.21	0.909613889	0.041142917	67284.8	66469.802	Down	-0.017581572627732	Fatty acid-binding protein, epidermal OS=Mus musculus GN=Fabp5 PE=1 SV=3
ETL4	A2AQ25-7	1	1	4035	NA	8845	4931	8733	7401	5488	NA	NA	NA	0.909735248	0.041084978	6636	6444.5	Down	-0.042245456359094	Isoform 7 of Sickle tail protein OS=Mus musculus GN=Slt
TNIK	P83510	22	22	15978.06	19545.5	23492.25	24407.25	20862.62	22035.62	23054.44	17188.81	21156.81	19784.94	0.909769184	0.041068778	20857.136	20644.124	Down	-0.014809866241658	Traf2 and NCK-interacting protein kinase OS=Mus musculus GN=Tnik PE=1 SV=2
GRIPAP1	Q8VD04	7	7	32391.57	32827.57	21514.14	39900.29	40387.86	40975.86	34642.57	22913.43	48125.71	16403.71	0.909846946	0.041031658	33404.286	32612.256	Down	-0.034618977231876	GRIP1-associated protein 1 OS=Mus musculus GN=Gripap1 PE=1 SV=1
PTRH1	Q8BW00	1	1	5781	5111	3490	5109	6474	7156	5908	NA	3004	NA	0.910824688	0.040565206	5193	5356	Up	0.044587735236518	Probable peptidyl-tRNA hydrolase OS=Mus musculus GN=Ptrh1 PE=2 SV=1
AP3D1	O54774	5	5	18554	19974.6	15081.6	81422.6	25622.2	48468.2	44384.2	16831.8	25618.6	NA	0.910854134	0.040551166	32131	33825.7	Up	0.074153908192519	AP-3 complex subunit delta-1 OS=Mus musculus GN=Ap3d1 PE=1 SV=1
INPP4A	Q9EPW0	4	4	3185	5669.5	1854	14498.5	7539	9451.5	9387	2811	5816.5	NA	0.910901973	0.040528357	6549.2	6866.5	Up	0.068256225419224	Type I inositol 3,4-bisphosphate 4-phosphatase OS=Mus musculus GN=Inpp4a PE=2 SV=1
ATP6V1G1	Q9CR51	8	8	46375	52697.62	32933.75	95621.25	57128.38	71131.75	50336.75	33135	66901.88	NA	0.911129936	0.040419684	56951.2	55376.345	Down	-0.040456406032329	V-type proton ATPase subunit G 1 OS=Mus musculus GN=Atp6v1g1 PE=2 SV=3
GRPE11	Q99LP6	9	9	77575.22	75044.56	92849.89	51727.11	73899.33	65781	62666.56	59405.67	91937	85960.56	0.911453018	0.040265712	74219.222	73150.158	Down	-0.020931897616935	GrpE protein homolog 1, mitochondrial OS=Mus musculus GN=Grpel1 PE=1 SV=1
NKIRAS1	Q8CEC5	1	1	18145	22410	20329	22642	19479	22214	26258	15774	19287	NA	0.911596609	0.040197299	20601	20883.25	Up	0.019631882402492 4	NF-kappa-B inhibitor-interacting Ras-like protein 1 OS=Mus musculus GN=Nkiras1 PE=1 SV=1
ALDH7A1	Q9DBF1	5	5	11203	11758.67	9885.67	25248	14700	21099	16776	6746	15505	NA	0.911687821	0.040153847	14559.068	15031.5	Up	0.046070979366644	Alpha-aminoadipic semialdehyde dehydrogenase OS=Mus musculus GN=Aldh7a1 PE=1 SV=4
CYC1	Q9D0M3	3	3	55393	80734.67	32640.33	113515.67	69596.33	83263	75198.67	44505.33	71242.33	NA	0.911938663	0.040034371	70376	68552.333	Down	-0.037877762470451	Cytochrome c1, heme protein, mitochondrial OS=Mus musculus GN=Cyc1 PE=1 SV=1
EPHA3	P29319	1	1	NA	3112	NA	8637	3667	4864	4977	NA	NA	NA	0.912533912	0.039750987	5138.6667	4920.5	Down	-0.062589147447412	Ephrin type-A receptor 3 OS=Mus musculus GN=Epha3 PE=1 SV=1
MT3	P28184	4	4	25228	26025.75	31239.75	21086.5	20684.25	20620.25	22941.5	26817.75	34011.5	17949	0.912810926	0.03961917	24852.85	24468	Down	-0.022515121106464	Metallothionein-3 OS=Mus musculus GN=Mt3 PE=1 SV=1
DDAH1	Q9CWS0	21	21	72497.25	68751.9	56158.85	69277.4	71132.25	79978.05	76815.6	44194.4	88653	42390.55	0.913247464	0.039411525	67563.53	66406.32	Down	-0.024924154977836	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1 OS=Mus musculus GN=Ddah1 PE=1 SV=3
SLK	O54988	14	14	29546	28160.1	12478	43892.7	31585.6	41504.7	39788.6	19575.5	37939.8	11277.1	0.913859947	0.039120357	29132.48	30017.14	Up	0.043158004157240 7	STE20-like serine/threonine-protein kinase OS=Mus musculus GN=Slk PE=1 SV=2
CALML3	Q9D6P8	3	3	47638	68259.67	10740.67	154314.33	41985.67	82547.33	50099	31113.33	82260	NA	0.914034822	0.039037259	64587.668	61504.915	Down	-0.070557027159292	Calmodulin-like protein 3 OS=Mus musculus GN=Calml3 PE=2 SV=1
RPL27	P61358	5	5	53022	54862.6	18018.2	86936.4	65171.4	69860.6	66232.4	20936.8	72811.6	NA	0.914049396	0.039030334	55602.12	57460.35	Up	0.047426889434234	60S ribosomal protein L27 OS=Mus musculus GN=Rpl27 PE=1 SV=2
MACF1	Q9QXZ0-3	27	27	5531.23	11185.95	7709.23	30304.09	11808.32	19762.36	19752.64	8997.73	11457.73	9381.23	0.914494078	0.038819103	13307.764	13870.338	Up	0.059734757679338	Isoform 3 of Microtubule-actin cross-linking factor 1 OS=Mus musculus GN=Macf1
FAM13C	Q9DBR2	1	1	19950	19893	NA	19915	43787	36992	12661	NA	24868	NA	0.91463629	0.038751571	25886.25	24840.333	Down	-0.059501451738982 2	Protein FAM13C OS=Mus musculus GN=Fam13c PE=1 SV=2
ADD3	Q9QYB5	14	14	32186.57	38737.21	21845.43	55857.14	37716	45289	46790.93	34910.43	34521.79	28415.29	0.915888791	0.038157256	37268.47	37985.488	Up	0.027492763037052	Gamma-adducin OS=Mus musculus GN=Add3 PE=1 SV=2
ATP6V1B2	P62814	76	76	119420.32	131301.85	112182.94	130006.15	134620.71	139900.65	139727.31	122682.54	122366.28	106928.68	0.916371436	0.037928457	125506.39	126321.09	Up	0.

GABBR1	Q9WV18	2	2	1844.5	5853	NA	33480.5	11924	28041	19009.5	7756.5	2187.5	NA	0.91856194	0.036891553	13275.5	14248.625	Up	0.102056506342182	Gamma-aminobutyric acid type B receptor subunit 1 OS=Mus musculus GN=Gabbr1 PE=1 SV=1
2310011J03RIK	Q9D7E4	3	3	24949.67	31637.33	32663.67	31951	25818.67	27417.33	27045	26908	35613.67	31285.33	0.918650093	0.036849877	29404.068	29653.866	Up	0.012204439287626	UPF0449 protein C19orf25 homolog OS=Mus musculus PE=1 SV=1
TRP53BP1	P70399-3	1	1	5232	6246	NA	3577	11912	7711	6200	NA	NA	NA	0.918703223	0.03682476	6741.75	6955.5	Up	0.045031097656333	Isoform 3 of Tumor suppressor p53-binding protein 1 OS=Mus musculus GN=Tp53bp1
TPM3	P21107	30	30	49008.07	50732.32	28959.07	52985.14	44877.39	54151.04	50406.82	41971.32	62812.7	12071.29	0.919196273	0.036591745	45312.398	44282.594	Down	-0.033166107207129	Tropomyosin alpha-3 chain OS=Mus musculus GN=Tpm3 PE=1 SV=3
KIF5C	P28738	29	29	24152.93	31328.48	26213.62	42927.76	32203.62	38337.93	39586.76	18860.48	35560.48	22654.9	0.919224099	0.036578598	31565.282	31000.11	Down	-0.026065305271678	Kinesin heavy chain isoform 5C OS=Mus musculus GN=Kif5c PE=1 SV=3
DYNC1I1	O88485	10	10	9720.11	13067.78	10095.56	16322.44	13774	19379.44	18158.33	9592.11	13761.67	3747	0.919244939	0.036568752	12595.978	12927.71	Up	0.037503597617117	Cytoplasmic dynein 1 intermediate chain 1 OS=Mus musculus GN=Dync1i1 PE=1 SV=2
APC	Q61315-3	8	8	10038.62	11538	5780.88	16667.38	12014.75	15380.88	16207.75	664	16476.25	5358	0.919662299	0.036371617	11207.926	10817.376	Down	-0.051168753760005	Isoform 3 of Adenomatous polyposis coli protein OS=Mus musculus GN=Apc
CALR	P14211	34	34	77111.07	72628.47	92157.93	96437.9	62931	72485.77	69079.03	95758.77	64070.13	105169.07	0.919885553	0.036266202	80253.274	81312.554	Up	0.018917860533913	Calreticulin OS=Mus musculus GN=Calr PE=1 SV=1
BEGAIN	Q68EF6	18	18	17076.64	17311.36	8533.5	16523.5	19307.36	16499	18120.93	2108.93	24132.14	NA	0.920366989	0.036038967	15750.472	15215.25	Down	-0.049877024147293	Brain-enriched guanylate kinase-associated protein OS=Mus musculus GN=Begain PE=1 SV=2
KCNJ4	P52189	1	1	11651	44787	NA	98813	55594	80262	85393	16443	18003	NA	0.921520834	0.035494842	52711.25	50025.25	Down	-0.075454432708312 9	Inward rectifier potassium channel 4 OS=Mus musculus GN=Kcnj4 PE=1 SV=1
EWSR1	Q61545	3	3	27367.33	31351	NA	24930.67	31923.67	29694	31922	12989	40482.67	31822	0.922741244	0.034920067	28893.168	29381.934	Up	0.024200988854352	RNA-binding protein EWS OS=Mus musculus GN=Ewsr1 PE=1 SV=2
UQCR10	Q8R1I1	2	2	9985	14602.5	11489	3669?.5	9984.5	21334	17157.5	NA	12887	NA	0.92276227	0.034910171	16551.7	17126.167	Up	0.049222868857139	Cytochrome b-c1 complex subunit 9 OS=Mus musculus GN=Uqcr10 PE=1 SV=1
MRPS18B	Q99NB4-2	6	6	24242	22747.83	29281	25990.17	23949.17	29797.33	29028.5	19071.17	26820	22662	0.922933538	0.034829572	25242.034	25475.8	Up	0.013299283923905	Isoform 2 of 28S ribosomal protein S18b, mitochondrial OS=Mus musculus GN=Mrps18b
MADD	Q80U28-11	3	3	2965.33	4577.67	1127.33	12363	9085	10201.33	5164.33	1830.67	5831	NA	0.923627086	0.034503339	6023.666	5756.8325	Down	-0.065366541318264	Isoform 11 of MAP kinase-activating death domain protein OS=Mus musculus GN=Madd
APOOL	Q78IK4	1	1	3057	2881	NA	4044	2866	3918	2138	3884	2698	NA	0.924115217	0.034273878	3212	3159.5	Down	-0.023775627062347	Apolipoprotein O-like OS=Mus musculus GN=Apool PE=2 SV=1
PGAM1	Q9DBJ1	19	19	163704.21	169429.37	145157.74	136477.84	256470.16	141831	166108	136515.53	148346.42	296646.89	0.924153735	0.034255777	174247.86	177889.57	Up	0.029840937872143	Phosphoglycerate mutase 1 OS=Mus musculus GN=Pgam1 PE=1 SV=3
ZFP330	Q922H9	1	1	14481	15314	11236	9836	13635	12740	14473	5916	23882	9090	0.924743522	0.033978702	12900.4	13220.2	Up	0.035328029417319	Zinc finger protein 330 OS=Mus musculus GN=Znf330 PE=2 SV=1
ATP1A1	Q8VDN2	102	102	27881.46	63329.18	31540.02	119801.41	59197.02	80305.62	96799.76	38566.04	43125.26	32788.55	0.924758543	0.033971648	60349.818	58317.046	Down	-0.049431777143846	Sodium/potassium-transporting ATPase subunit alpha-1 OS=Mus musculus GN=Atp1a1 PE=1 SV=1
EMC2	Q9CRD2	3	3	14588	18711	10820	25303.67	15400.33	22355	18802	9270.33	15987.33	NA	0.924963106	0.033875589	16964.6	16603.665	Down	-0.031025684704132	ER membrane protein complex subunit 2 OS=Mus musculus GN=Emc2 PE=2 SV=1
IMMT	Q8CAQ8-3	55	55	54095.53	68064.75	46591.44	124336.09	73216.73	91254.58	87534.02	63749.76	70078.75	45897.75	0.925026489	0.033845831	73260.908	71702.972	Down	-0.031010663902838	Isoform 3 of Mitochondrial inner membrane protein OS=Mus musculus GN=Immt
ANP32A	O35381	3	3	37934	42669.33	16115.67	94133	30841.67	53374.33	36916.33	NA	38510.67	NA	0.925125893	0.033799164	44338.734	42933.777	Down	-0.046454492711517 8	Acidic leucine-rich nuclear phosphoprotein 32 family member A OS=Mus musculus GN=Anp32a PE=1 SV=1
NRXN1	P0DI97	2	2	9381	16985	9494	66838	23544	30150.5	30418.5	NA	18536.5	NA	0.925696833	0.033531222	25248.4	26368.5	Up	0.062623537357565	Neurexin-1-beta OS=Mus musculus GN=Nrxn1 PE=1 SV=1
SOD3	O09164	2	2	16788.5	60021.5	38256.5	7834.5	28060.5	14971	5397	77987	34617.5	25451	0.925862827	0.033453352	30192.3	31684.7	Up	0.069605692553258	Extracellular superoxide dismutase [Cu-Zn] OS=Mus musculus GN=Sod3 PE=1 SV=1
MYEF2	Q8C854-3	4	4	20801.25	12453.25	17620.5	13331.75	13893	13642.5	10312	20364.5	7548.5	24532	0.926238578	0.033277135	15619.95	15279.9	Down	-0.031754733749283 5	Isoform 2 of Myelin expression factor 2 OS=Mus musculus GN=Myef2
LPP	Q8BFW7	4	4	13240.33	12590	19981.67	10483	12322	13826.67	13678.67	3218	26120	NA	0.926738705	0.033042698	13723.4	14210.835	Up	0.050353370523545 8	Lipoma-preferred partner homolog OS=Mus musculus GN=Lpp PE=1 SV=1
LPP	Q8BFW7-5	3	3	13240.33	12590	19981.67	10483	12322	13826.67	13678.67	3218	26120	NA	0.926738705	0.033042698	13723.4	14210.835	Up	0.050353370523545 8	Isoform 5 of Lipoma-preferred partner homolog OS=Mus musculus GN=Lpp
EHD3	Q9QJX6	16	16	35280.67	49017.67	38757	63242	55777.6	60425.87	63100.8	45796.8	52276.67	15721.67	0.926828793	0.033000483	48414.948	47464.362	Down	-0.028607853875093 7	EH domain-containing protein 3 OS=Mus musculus GN=Ehd3 PE=1 SV=2
THNSL1	Q8BHS5	1	1	3969	2389	NA	9778	5172	7439	5637	NA	9205	NA	0.927109268	0.032809951	5325.25	5113.6667	Down	-0.058491134051752 5	Threonine synthase-like 1 OS=Mus musculus GN=Thnsl1 PE=2 SV=1
PRUNE2	Q52KR3-3	1	1	2736	5281	NA	16078	8129	7960	11129	NA	6016	NA	0.927782756	0.032553703	8056	8368.3333	Up	0.054876635827856	Isoform 3 of Protein prune homolog 2 OS=Mus musculus GN=Prune2
DNM1	P39053-3	58	58	44484.11	54099.63	41605.4	68905.28	51698	62750.56	61382.21	52114.88	47711.14	39818.82	0.928127163	0.032392517	52158.484	52755.522	Up	0.016420172918785 4	Isoform 3 of Dynamin-1 OS=Mus musculus GN=Dnm1
ABLIM1	Q8K4G5-5	2	2	19354.5	26859.5	4888	30019	27985	28346	34686.5	3602.5	23721	NA	0.928167097	0.032373831	21821.2	22589	Up	0.049889963899715	Isoform 5 of Actin-binding LIM protein 1 OS=Mus musculus GN=Ablim1
ACBD5	Q5XG73-3	1	1	16685	14840	7143	35964	17047	24730	22025	NA	10091	NA	0.928715563	0.032117277	18335.8	18948.667	Up	0.047433123020035	Isoform 3 of Acyl-CoA-binding domain-containing protein 5 OS=Mus musculus GN=Acbd5
RABGAP1	A2AWA9	2	2	27100.5	36576	34620.5	106648	30796	57741.5	51504	36281.5	48922	NA	0.929217704	0.031882524	47148.2	48612.25	Up	0.044117216803683	Rab GTPase-activating protein 1 OS=Mus musculus GN=Rabgap1 PE=1 SV=1
SEPT10	Q8C650	2	2	93545.5	115308	16680	137759.5	121919.5	162904	107653.5	52513.5	84669	64278	0.929509964	0.03174595	97042.5	94403.6	Down	-0.039774840945348	Septin-10 OS=Mus musculus GN=Sept10 PE=2 SV=1
GNAS	P63094-3	6	6	8904.5	17152.5	14822.67	22743.83	16601	23227	22467	9201	15293.5	9183.17	0.930409208	0.031400691	16245.866	15884.374	Down	-0.031560834970015	Isoform Gnas-3 of guanine nucleotide-binding protein G(s) subunit alpha isoforms short OS=Mus musculus GN=Gnas
CS	Q9CZU6	18	18	49047.61	63752.83	43050.28	80281.28	69335.78	84889	89890.61	39485.33	54875.61	30078.11	0.930274684	0.031388798	61093.556	59843.732	Down	-0.029820068111852	Citrate synthase, mitochondrial OS=Mus musculus GN=Cs PE=1 SV=1
EIF4H	Q9WUK2-2	14	14	48011	46606.69	52821.92	27192.46	39209.31	32346.23	42354.15	37043.15	59584.92	39607.38	0.930396668	0.031331853	42768.276	42187.166	Down	-0.019736877495739	Isoform Short of Eukaryotic translation initiation factor 4H OS=Mus musculus GN=Eif4h
AKR1A1	Q9JII6	9	9	47382.44	54171	59753.89	58522.44	49969	51789.33	59112.67	45135.33	65510.44	46183.56	0.930418235	0.031321787	53959.754	53546.266	Down	-0.011097797660056	Alcohol dehydrogenase [NADP(+)] OS=Mus musculus GN=Akr1a1 PE=1 SV=3
NDEL1	Q9ERR1	13	13	30653.69	29221.31	17876.23	26021.38	31594.85	31567.08	32273.77	16230.54	40595.31	12023.62	0.930826223	0.03113139	27073.492	26538.064	Down	-0.028817854899254	Nuclear distribution protein nudE-like 1 OS=Mus musculus GN=Ndel1 PE=1 SV=2
AKAP9	Q70FJ1-3	1	1	786	918	2201	4015	2425	3193	1096	NA	2146	NA	0.931563057	0.030787743	2069	2145	Up	0.052044002526984	Isoform 3 of A-kinase anchor protein 9 OS=Mus musculus GN=Akap9
STOML2	Q99JB2	7	7	15904.57	17482.57	4114.29	23645.29	18846.29	23176.43	22391.71	1356.86	23639	6880.57	0.931603952	0.030768678	15998.602	15488.914	Down	-0.046709850305314	Stomatin-like protein 2, mitochondrial OS=Mus musculus GN=Stoml2 PE=1 SV=1
SNX4	Q91YJ2	3	3	5570.67	5078.33	574.67	10730.33	6514.33	8369	7631.33	1006.33	4943.33	NA	0.931890616	0.030635061	5693.666	5487.4975	Down	-0.053209487267239	Sorting nexin-4 OS=Mus musculus GN=Snx4 PE=2 SV=1
MAPKBIP3	Q9ESN9-3	4	4	16970.75	24122.75	10245.75	27986.25	24952.5	31223.5	32755.5	8089	21327	6450	0.932278513	0.030454325	20855.6	20276.1	Down	-0.040654633737847 8	Isoform 1b of C-Jun-amino-terminal kinase-interacting protein 3 OS=Mus musculus GN=Mapkbip3
VPS11	Q91W86	3	3	17510.67	30039.33	30256	29655	34013.33	36936.67	37157	22338	14505.33	NA	0.932644905	0.030283678	28294.866	27734.25	Down	-0.028871592971621	Vacuolar protein sorting-associated protein 11 homolog OS=Mus musculus GN=Vps11 PE=1 SV=3
SDHB	Q9CQA3	24	24	58301.22	61795.52	52147.48	60705.35	58955.91	60022.48	57309.09	55472.48	70087.96	47228.78	0.932979518	0.03012789	58381.096	58024.158	Down	-0.008847612607696	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial OS=Mus musculus GN=Sdhb PE=1 SV=1
HIST1H2BH	Q64478	48	48	328326.46	146376.23	241563.81	50681.96	182966.58	93721.52	105499.15	289581.5	120474.71	372379.25	0.93316828	0.030040032	189983.01	196331.23	Up	0.047419257870319 8	Histone H2B type 1-H OS=Mus musculus GN=Hist1h2bh PE=1 SV=3
RBSN	Q80Y56	1	1	1352	1304	NA	5055	394	3153	1160	NA	NA	NA	0.933238151	0.030007516	2026.25	2156.5	Up	0.089879530329596 7	Rabenosyn-5 OS=Mus musculus GN=Zfyve20 PE=2 SV=1
CAMK2B	P28652	46	46	63751.87	90785.09	78403.87	153201.07	99093.43	115851.59	126033.41	90272.46	88709.98	72201.48	0.933585278	0.029846005	97047.066	98613.784	Up	0.023104720221767	Calcium/calmodulin-dependent protein kinase type II subunit beta OS=Mus musculus GN=Camk2b PE=1 SV=2
EIF4H	Q9WUK2	15	15	48296.43	47066.57	54651.71	25981.64	39386.79	33308.43	43787.14	37756.43	60805.79	36778.29	0.934275349	0.02952511	43076.628	42487.216	Down	-0.019876508120670 8	Eukaryotic translation initiation factor 4H OS=Mus musculus GN=Eif4h PE=1 SV=3
OXR1	Q4KMM3-3	10	10	28436	32664.14	23206.57	44697.86	37031.57	38781.43	34274.86	20505.14	32846.14	37378.71	0.935248434	0.029073011	33166.028	32757.256	Down	-0.017891732931267 6	Isoform 3 of Oxidation resistance protein 1 OS=Mus musculus GN=Oxr1
KCNAB1	P63143	1	1	12387	11841	8638	15195	19736	16915	16280	NA	6477	NA	0.935802136	0.028815968	13559.4	13224	Down	-0.036134711255923	Voltage-gated potassium channel subunit beta-1 OS=Mus musculus GN=Kcnab1 PE=2 SV=2
CAMK1	Q91YS8	1	1	19558	63501	NA	46577	59008	42188	59273	NA	37005	NA	0.936270507	0.028598657	47161	46155.333	Down	-0.031096945932546 9	Calcium/calmodulin-dependent protein kinase type 1 OS=Mus musculus GN=Camk1 PE=1 SV=1
KIF2A	P28740-1	20	20	27005.47	33594.47	32824.84	35911.26	31899.84	34823.63	37605.84	20737.79	31266.42	35430.05	0.937066799	0.028229449	32247.176	31972.746	Down	-0.012330167889337	Isoform 1 of Kinesin-like protein KIF2A OS=Mus musculus GN=Kif2a
CACNA2D2	Q6PHS9-3	1	1	NA	11524	NA	10604	6348	6908	11572	NA	NA	NA	0.93726326	0.028138407	9492	9240	Down	-0.038819248890528 2	Isoform 3 of Voltage-dependent calcium channel subunit alpha-2/delta-2 OS=Mus musculus GN=Cacna2d2
TBC1D10A	P58802	1	1	2267	8096	NA	15556	6784	11447	10541	NA	3465	NA	0.937459723	0.028047382	8175.75	8484.3333	Up	0.053450220845509	TBC1 domain family member 10A OS=Mus musculus GN=Tbc1d10a PE=2 SV=1
STX1A	O35526	16	16	10663.64	40349.14	11739.21	112961.86	38663.64	83507.43	66670	20751.14	46434.43	6469.43	0.93776776	0.027904702	42875.498	44766.486	Up	0.062265648254926	Syntaxin-1A OS=Mus musculus GN=Stx1a PE=1 SV=3
EPB41L3	Q9WV92-3	37	37	24911.14	28918.97	25941.78	46903.95	28616.86	38194.27	34027.35	22542.68	30402.19	28200.95	0.93886265	0.027490463	31058.54	30673.488	Down	-0.017997782782338 1	Isoform 3 of Band 4.1-like protein 3 OS=Mus musculus GN=Epb41l3
RPL7	P14148	5	5	46180	47150.2	75298.6	43980.6	40235.4	42371.6	49752.2	61763.6	62227	37658.8	0.939019112	0.027325568	50509.08	51155.84	Up	0.018356184856906	60S ribosomal protein L7 OS=Mus musculus GN=Rpl7 PE=1 SV=2
HDLBP	Q8VDJ3	8	8	41921.12	58908.5	32465.38	42809.62	57848.12	48730.88	60977.12	32162.88	63621	24814.25	0.939122168	0.027277908	46790.548	46061.226	Down	-0.022664313814727	Vigilin OS=Mus musculus GN=Hdlbp PE=1 SV=1
UQCRQ	Q9CQ69	2	2	379776	409136.5	425815	330145.5	363046	305332	349259.5	367971	366307.5	536185	0.939210439	0.027237089	381583.8	385011	Up	0.012899741521469	Cytochrome b-c1 complex subunit 8 OS=Mus musculus GN=Uqcrq PE=1 SV=3
GMPR	Q9DCZ1	1	1	30895	33916	54198	33763	34912	38525	27012	NA	45423	NA	0.939331912	0.027180923	37536.8	36986.667	Down	-0.021300379187189 1	GMP reductase 1 OS=Mus musculus GN=Gmpr PE=2 SV=1
PKP4	Q68FH0	13	13	15100.67	17747.25	4434.33	24086.33	23594.17	27166.42	27081.5	10261.25	21983.75	942.33	0.93936161	0.027167193	16992.55	17487.05	Up	0.041384564204566	Plakophilin-4 OS=Mus musculus GN=Pkp4 PE=1 SV=1
LARP1	Q6ZQ58	2	2	13248	14946	24400.5	13204.5	14268	14536.5	12187	16211	28393	10243.5	0.939572006	0.027069931	16013.4	16314.2	Up	0.026848587142723	La-related protein 1 OS=Mus musculus GN=Larp1 PE=1 SV=2
PUM2	Q80U58-3	1	1	14765	24857	8897	54202	26644	33792	36014	15717	20867	NA	0.93977432	0.026976427	25873	26597.5	Up	0.039843302073189 4	Isoform 3 of Pumilio homolog 2 OS=Mus musculus GN=Pum2
EIF3I	Q9QZD9	6	6	78563.83	87892.17	108874	68377.83	68385.17	77712	79262.17	90519	109993.17	59001.83	0.939778676	0.026974413	82418.6	83297.634	Up	0.015035560070950 5	Eukaryotic translation initiation factor 3 subunit I OS=Mus musculus GN=Eif3i PE=1 SV=1
KRT10	P02535-3	2	2	NA	NA	NA	62442	786	55776	2837.5	NA	1932.5	NA	0.940170559	0.026793339	4464	4115.3333	Down	-0.117327736522852	Keratin, type I cytoskeletal 10 OS=Mus musculus GN=Krt10
DYNC1H1	Q9JHU4	19	19	10521	23244.84	12646.74	52918.84	23038.37	37652.84	39227.95	14015	19791.89	15269.11	0.940962339	0.026427759	24473.958	25191.358	Up	0.041681458928846 1	Cytoplasmic dynein 1 heavy chain 1 OS=Mus musculus GN=Dync1h1 PE=1 SV=2
FAM162A	Q9D6U8	1	1	98892	119419	35492	259644	96872	189372	155875	26913	100318	NA	0.940995919	0.02641226	122063.8	118119.5	Down	-0.047388254471310 1	Protein FAM162A OS=Mus musculus GN=Fam162a PE=2 SV=1
NACA	Q60817	2	2	105157	104811	55971	191808.5	105771.5	153356.5	131680	43055.5	132836	NA	0.941127418	0.026351574	112703.8	115232	Up	0.032005250510124 3	Nascent polypeptide-associated complex subunit alpha OS=Mus musculus GN=Naca PE=1 SV=1
ABHD12	Q99LR1	2	2	14713	36048.5	6554.5	67789	31557	44294	44487.5	12832.5	27695	NA	0.941345038	0.026251162	31332.4	32327.25	Up	0.045095504461499	Monoacylglycerol lipase ABHD12 OS=Mus musculus GN=Abhd12 PE=1 SV=2
ADGRL3	Q80T53-6	9	9	30113.44	33146.22	25045.89	29429.22	30813.78	31801.56	30302.89	26124.56	34507.11	26595.89	0.941403381	0.026224246	29709.71	29866.402	Up	0.007588923983859888	Isoform 6 of Latrophilin-3 OS=Mus musculus GN=Lphn3
ACTN4	P57780	37	37	10971.53	17588.81	14076.75	28025.89	18008.25	21391.47	23983.61	15415.28	16998.36	12226.61	0.941825738	0.026029445	17734.246	18003.066	Up	0.021704631607538 7	Alpha-actinin-4 OS=Mus musculus GN=Actn4 PE=1 SV=1
PPM1A	P49443	7	7	32113.29	42847.71	35511.43	45408.71	36792.57	43828.71	47097.29	12498.29	45825.14	40827	0.941865009	0.026011107	38544.742	38015.286	Down	-0.011995442642405 2	Protein phosphatase 1A OS=Mus musculus GN=Ppm1a PE=1 SV=1
BCAS2	Q9D287	1	1	4283	2424	3955	3908	2782	4186	3402	NA	2940	NA	0.942468576	0.025733121	3470.4	3509.3333	Up	0.016095030229173 7	Pre-mRNA-splicing factor SPF27 OS=Mus musculus GN=Bcas2 PE=2 SV=1
SF3B1	Q99NB9	2	2	1089.5	369.5	NA	2635.5	2387	2014	1580.5	NA	1130.5	NA	0.942699337	0.025626799	1620.375	1575	Down	-0.040975903036248 7	Splicing factor 3B subunit 1 OS=Mus musculus GN=Sf3b1 PE=1 SV=1
RHOG	P84096	2	2	24828.5	33500.5	24158	53416.5	27836.5	39134.5	37225	25714	36055	23277	0.943298159	0.025351013	32748	32281.1	Down	-0.020717060173737 2	Rho-related GTP-binding protein RhoG OS=Mus musculus GN=Rhog PE=2 SV=1
ITGAV	P43406	2	2	16915	24252.5	21301.5	36423	20659	30101.5	29067.5	30042.5	23156.5	9096.5	0.943405931	0.025301398	23910.2	24292.9	Up	0.022908526345436	Integrin alpha-V OS=Mus musculus GN=Itgav PE=1 SV=2
NDUFA9	Q9DC69	4	4	15533.75	23096	15744	44124.75	24069.5	36315.5	32440	7768.75	23954	NA	0.943426183	0.025292075	24513.6	25119.563	Up	0.035228967458223	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial OS=Mus musculus GN=Ndufa9 PE=1 SV=2
APOC3	P33622	1	1	23513	40455	8010	10321	43762	23801	28759	NA	24760	NA	0.944138279	0.024964394	25212.2	25773.333	Up	0.031757124517577	Apolipoprotein C-III OS=Mus musculus GN=Apoc3 PE=1 SV=1
PCK2	Q88H04	2	2	19250.5	22316	32785.5	14372.5	20411.5	22671.5	17936	19891.5	27756	22123	0.944995351	0.024570328	21827.2	22075.6	Up	0.016325577060268	Phosphoenolpyruvate carboxykinase [GTP], mitochondrial OS=Mus musculus GN=Pck2 PE=1 SV=1
PSMD14	O35593	2	2	1848.5	4008	3321.5	4774	5005	5696	2158.5	NA	3780	NA	0.94519203	0.024479949	3791.4	3878.1667	Up	0.032644133865602	26S proteasome non-ATPase regulatory subunit 14 OS=Mus musculus GN=Psmd14 PE=1 SV=2
CACNA2D3	Q9Z1L5	3	3	5794	9639.67	8329.33	23487	10659.33	15359.33	19331.33	3052	9922.67	NA	0.94526148	0.024448039	11581.866	11916.333	Up	0.041072574280832 9	Voltage-dependent calcium channel subunit alpha-2/delta-3 OS=Mus musculus GN=Cacna2d3 PE=1 SV=1
PLBD2	Q3TCN2	2	2	3014	3895	1291	5371	3039	4018	3954	NA	1782	NA	0.945924476	0.024143537	3322	3251.3333	Down	-0.031020601647646	Putative phospholipase B-like 2 OS=Mus musculus GN=Plbd2 PE=1 SV=2
HIST1H2BB	Q64475	45	45	348743.67	155234.6	254186.8	53366.09	193996.82	99455.49	111970.8	303828.64	126795.73	390278.31	0.946267198	0.023986214	201105.6	206465.79	Up	0.03794955759126	Histone H2B type 1-B OS=Mus musculus GN=Hist1h2bb PE=1 SV=3
DZANK1	Q8C008	2	2	11241	10267	8460	9319	15337	9599.5	15261	NA	7337.5	NA	0.946536406	0.023862677	10924.8	10732.667	Down	-0.025598292142807 6	Double zinc ribbon and ankyrin repeat-containing protein 1 OS=Mus musculus GN=Dzank1 PE=1 SV=2
SNAP25	P60879-2	76	76	39934.29	53018.71	22444.01	103832.49	83129.69	89457.36	95485.64	27760.75	85113.89	12266.38	0.947622119	0.023364811	60471.838	62016.804	Up	0.036395750033442 8	Isoform 2 of Synaptosomal-associated protein 25 OS=Mus musculus GN=Snap25
MVB12B	Q6KAU4	2	2	23441	18602	10694.5	26200.5	16502	21495	25834	7666.5	22686.5	NA	0.947782055	0.023291518	19088	19420.5	Up	0.024914396701669 6	Multivesicular body subunit 12B OS=Mus musculus GN=Mvb12b PE=2 SV=2
SAMM50	Q8BGH2	3	3	57998.33	67913.67	44909.33	78315.33	66802.67	75425	78119.67	38390	63729.33	NA	0.948061653	0.023163419	63187.866	63916	Up	0.016529580657177 3	Sorting and assembly machinery component 50 homolog OS=Mus musculus GN=Samm50 PE=1 SV=1
LCP1	Q61233	1	1	742	1293	NA	9331	2333	4910	2434	NA	2484	NA	0.948389672	0.023013184	3424.75	3276	Down	-0.064063321043399 3	Plastin-2 OS=Mus musculus GN=Lcp1 PE=1 SV=4
SEC23IP	Q6NZC7	1	1	4290	11001	NA	27128	9970	14844	12059	NA	NA	NA	0.948451783	0.022984743	13097.25	13451.5	Up	0.038503135027647	SEC23-interacting protein OS=Mus musculus GN=Sec23ip PE=2 SV=2
NCAM2	P13595-2	43	43	20257.83	38324.81	26626.19	94058.88	28893.29	56646.31	58464.74	38792.9	37779.45	21549.12	0.948500189	0.022962578	41632.2	42646.504	Up	0.034727681823647	Isoform 2 of Neural cell adhesion molecule 1 OS=Mus musculus GN=Ncam1
KIF3A	P28741	3	3	7425	13855.33	1496	31791	14312	24967.67	19881.67	6724.33	8967	10400	0.948584973	0.02292376	13775.866	14188.134	Up	0.042541846404850 4	Kinesin-like protein KIF3A OS=Mus musculus GN=Kif3a PE=1 SV=2
DNM1L	Q8K1M6	17	17	20692.94	28339.12	19122.75	57672.31	31128.94	40586.5	42885.25	17912.88	27749.19

BAG5	Q8CI32	1	1	18282	32634	NA	56779	44473	43502	53166	15847	36755	NA	0.951445781	0.021615955	38042	37317.5	Down	-0.0277407562847738	BAG family molecular chaperone regulator 5 OS=Mus musculus GN=Bag5 PE=1 SV=1
KTN1	Q61595-15	15	15	17921.2	28890.8	17834.2	69809.4	35698.87	52767	53875.2	17784.6	36195.2	5301.93	0.951704551	0.021497854	34030.894	33184.786	Down	-0.0363230810582152	Isoform 15 of Kinectin OS=Mus musculus GN=Ktn1
PTPN5	P54830-3	1	1	21874	31700	12455	98878	40022	60430	39473	28154	31626	NA	0.951725571	0.021488262	40985.8	39920.75	Down	-0.0379853329095818	Isoform STEP38 of Tyrosine-protein phosphatase non-receptor type 5 OS=Mus musculus GN=Ptpn5
NDE1	Q9CZA6-3	3	3	76800.67	67839	46351.33	58029.67	81834.67	67115	79172	14240	99200.33	NA	0.951938178	0.021391255	66171.068	64931.833	Down	-0.0272246392761119	Isoform 3 of Nuclear distribution protein nudE homolog 1 OS=Mus musculus GN=Nde1
NTM	Q99PI0	35	35	16238.27	22103.06	17593.42	58764.38	18330.27	33463.48	35681.64	16761.58	21547.15	28361.03	0.952013811	0.021356751	26605.87	27162.976	Up	0.0298969714318755	Neurotrimin OS=Mus musculus GN=Ntm PE=2 SV=2
MRPS18B	Q99N84	7	7	21945	21248.57	25098	26031.71	21644.71	28208	26348	16346.71	24877.43	19424.57	0.95216898	0.021285971	23193.598	23040.942	Down	-0.0095269404425263	28S ribosomal protein S18b, mitochondrial OS=Mus musculus GN=Mrps18b PE=2 SV=1
RPL35	Q6ZWV7	3	3	148204	192329	144745	103343.33	147464.67	138872.67	187228.33	93904	207094.67	116867	0.952397726	0.02118165	147217.2	148793.33	Up	0.0153635572161257	60S ribosomal protein L35 OS=Mus musculus GN=Rpl35 PE=2 SV=1
ATP2A2	O55143	38	38	25937.5	48236.11	43150.37	115189.37	40702.89	69271.18	77052.32	50150.68	42202.63	39899.76	0.952591135	0.021093464	54643.248	55715.314	Up	0.0280306834195742	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 OS=Mus musculus GN=Atp2a2 PE=1 SV=2
OGFR	Q99PG2	2	2	2970	NA	NA	7387	3832	5023	4252	NA	NA	NA	0.952968512	0.020921449	4729.6667	4637.5	Down	-0.0283912284078189	Opioid growth factor receptor OS=Mus musculus GN=Ogfr PE=2 SV=1
GRM5	Q3UVX5-2	2	2	2378	3171	NA	35956	3478	13333	10218	NA	NA	NA	0.953364858	0.020740861	11245.75	11775.5	Up	0.0664084391314065	Isoform 2 of Metabotropic glutamate receptor 5 OS=Mus musculus GN=Grm5
UBE2K	P61087	1	1	17393	16471	23165	17262	13668	18096	16604	12028	13181	29083	0.953548594	0.02065717	17591.8	17798.4	Up	0.0168444474147456	Ubiquitin-conjugating enzyme E2 K OS=Mus musculus GN=Ube2k PE=1 SV=3
KTN1	Q61595	16	16	17052.88	27598.62	17021.69	67430.62	34132.38	51105.81	51789.25	16673.06	34754.75	4970.56	0.953627667	0.020621158	32647.238	31858.686	Down	-0.0352741783500564	Kinectin OS=Mus musculus GN=Ktn1 PE=2 SV=1
CSNK1D	Q9DC28	4	4	19810.25	32790.5	14093	30938.5	33831.25	35251.5	35004.25	9515.25	46602.25	7717.75	0.953680664	0.020597023	26292.7	26818.2	Up	0.0285501087608283	Casein kinase I isoform delta OS=Mus musculus GN=Csnk1d PE=1 SV=2
PALM2	Q8BR92	4	4	82776.75	97937.25	58187.25	100255	113764.25	123103.75	148764.5	35931	120685.25	32345	0.953741499	0.02056932	90584.1	92165.9	Up	0.0249752340085081	Paralemmin-2 OS=Mus musculus GN=Palm2 PE=1 SV=1
SPCS2	Q9CYN2	2	2	11670	20162	NA	36299	10435	21984	21834	NA	13908	NA	0.95405865	0.020412249	19641.5	19242	Down	-0.0296463512982361	Signal peptidase complex subunit 2 OS=Mus musculus GN=Spcs2 PE=1 SV=1
DNAJB14	Q149L6	1	1	47261	37559	68288	25364	42156	35906	38252	32520	31946	85717	0.954121274	0.020396421	44125.6	44868.2	Up	0.0240774122238694	DnaJ homolog subfamily B member 14 OS=Mus musculus GN=Dnajb14 PE=2 SV=1
HIST3H2BA	Q9D2U9	40	40	440031.03	196276.08	283438.72	70838.98	250856.23	141625.88	148593.8	348844.58	172591.38	455554.88	0.954338699	0.020297465	248288.21	253442.1	Up	0.0296404724530 1	Histone H2B type 3-A OS=Mus musculus GN=Hist3h2ba PE=1 SV=3
INA	P46660	68	68	122987.72	142448.44	150639.37	88151.22	119950.41	94687.07	105757.5	158155.76	127384.22	142864.13	0.954604971	0.020176308	124835.43	125769.74	Up	0.0107573359585517	Alpha-internexin OS=Mus musculus GN=Ina PE=1 SV=3
SNRNP200	Q9P4T2	3	3	1306	4402	NA	6226	5544	5891	6209	NA	1354	NA	0.954922888	0.020031697	4369.5	4484.6667	Up	0.0375325555248694	U5 small nuclear ribonucleoprotein 200 kDa helicase OS=Mus musculus GN=Snrnp200 PE=1 SV=1
TXNRD2	Q9JLT4-4	7	7	39737.29	46513.57	45856.86	54100.57	38370.71	58404.71	47827.14	46929.14	58608.14	15304.14	0.955010989	0.019991631	44915.8	45414.654	Up	0.0159348586660037	Isoform 4 of Thioredoxin reductase 2, mitochondrial OS=Mus musculus GN=Txnrd2
HNRNPC	Q92204-3	11	11	155003.18	101080.73	111665.64	48456.91	111922.45	82181.82	82681.64	166977.27	99904	103060.45	0.955336748	0.019843516	105625.78	106961.04	Up	0.0181233218034284	Isoform 3 of Heterogeneous nuclear ribonucleoproteins C1/C2 OS=Mus musculus GN=Hnrnpc
LARP4	Q88WW4	4	4	26005	33600.5	47444.75	15165	24643.75	22834.75	34480	22902.25	34846.75	33565.25	0.95540318	0.019813317	29371.8	29725.8	Up	0.0172839557934238	La-related protein 4 OS=Mus musculus GN=Larp4 PE=2 SV=2
PPFIA2	Q8BSS9	21	21	17023.72	20980.33	10659.89	23608.22	23454.22	26311.56	25046.94	10180.67	27587.78	8013.28	0.955727128	0.019666087	19145.276	19428.046	Up	0.0211523490054758	Liprin-alpha-2 OS=Mus musculus GN=Ppfia2 PE=1 SV=2
WFS1	P56695	8	8	10878.38	26165.38	14135.88	95184.5	26367.88	59587.88	50325.75	32061	26637.75	9243.88	0.955965262	0.019557889	34546.404	35571.252	Up	0.0421762081801054	Wolframin OS=Mus musculus GN=Wfs1 PE=1 SV=1
AKAP2	O54931-3	2	2	16517.5	17508.5	5629.5	29280.5	22643.5	18798	17176.5	NA	19665	NA	0.956240069	0.019433062	18315.9	18546.5	Up	0.0180503611416274	Isoform 3 of A-kinase anchor protein 2 OS=Mus musculus GN=Akap2
PPP1R12C	Q3UMT1	5	5	10626.2	15395	14325	14810.6	13478.4	16360.2	13770.8	3510.6	20399.2	NA	0.956581581	0.019277986	13727.04	13510.2	Down	-0.0229715347122379	Protein phosphatase 1 regulatory subunit 12C OS=Mus musculus GN=Ppp1r12c PE=1 SV=1
ANXA3	O35639	3	3	65093.5	53207	43345.5	37746	54077.5	51586	48415.5	71401	55470.5	24088.5	0.957065197	0.019058476	50693.9	50192.3	Down	-0.0143461007662878	Annexin A3 OS=Mus musculus GN=Anxa3 PE=1 SV=4
WIPF2	Q6PEV4	1	1	34472	28023	60260	34516	11795	42210	29044	NA	40996	NA	0.957437367	0.018936635	37813.2	37416.667	Down	-0.0115209905636028	WAS/WASL-interacting protein family member 2 OS=Mus musculus GN=Wipf2 PE=2 SV=1
ACP6	Q8BP40	1	1	1685	3770	NA	2382	2166	3344	1531	NA	NA	NA	0.957341323	0.018933195	2500.75	2437.5	Down	-0.0369586196290851	Lysophosphatidic acid phosphatase type 6 OS=Mus musculus GN=Acp6 PE=2 SV=1
IQSEC1	Q8R052	17	17	34504.2	50511.73	26183.93	71353.47	64860.6	68632.53	78312.53	42448	49938.07	12054.33	0.957371547	0.018919484	49482.786	50277.092	Up	0.0229744776595208	IQ motif and SEC7 domain-containing protein 1 OS=Mus musculus GN=Iqsec1 PE=1 SV=2
ANKS1B	Q8BIZ1	6	6	37818.33	47971	88411.17	38684.83	51530.5	41374.67	60048.33	64332.67	57806.67	43735.17	0.957400252	0.018906463	52883.166	53459.502	Up	0.0156378472971	Ankyrin repeat and sterile alpha motif domain-containing protein 1B OS=Mus musculus GN=Anks1b PE=1 SV=3
MAP2	P20357	135	135	54608.62	50592.46	49271.41	60506.93	55924.79	57205.62	61829.7	43120.06	62604.56	47348.31	0.958164188	0.018560065	54180.842	54421.65	Up	0.0063978840700524 8	Microtubule-associated protein 2 OS=Mus musculus GN=Map2 PE=1 SV=2
VPS52	Q8C754	2	2	3707	5640.5	3107.5	12274.5	6443	9023	8387	2611	4431.5	NA	0.958433403	0.018438059	6234.5	6113.125	Down	-0.0283637947947 637	Vacuolar protein sorting-associated protein 52 homolog OS=Mus musculus GN=Vps52 PE=2 SV=1
ATP1A3	Q8CPI6	187	187	27695.2	68721.05	33236.54	152058.81	67469.95	99293.33	114964.72	43714.27	50751.66	33036.46	0.958470522	0.018421239	69836.31	68352.088	Down	-0.0309919225475263	Sodium/potassium-transporting ATPase subunit alpha-3 OS=Mus musculus GN=Atp1a3 PE=1 SV=1
VCAM1	P29533-2	8	8	35633.33	24023.67	41385.5	39062.75	52039.12	58393.62	57491	23557.62	57453.12	18646.25	0.958681277	0.018357466	42592.926	43108.322	Down	0.0173525645156113	Isoform 2 of Vascular cell adhesion protein 1 OS=Mus musculus GN=Vcam1
GADD45GIP1	Q9CR59	1	1	35698	24456	46304	14697	31597	25294	30260	20132	46182	29045	0.958718777	0.018308766	30550.4	30182.6	Down	-0.0174741811790 05	Growth arrest and DNA damage-inducible proteins-interacting protein 1 OS=Mus musculus GN=Gadd45gip1 PE=2 SV=1
HIST1H2BK	Q8CGP1	41	41	388541	176643.61	283208.61	59996.12	219786.98	113589.46	130374.95	334849.07	147226.05	424349.54	0.958805883	0.01826931	225635.26	230077.81	Up	0.0281293129743319	Histone H2B type 1-K OS=Mus musculus GN=Hist1h2bk PE=1 SV=3
KIF5B	Q61768	14	14	19366.38	24068.54	13382.31	37200.23	28239.77	32881.85	29762.31	16454.15	28231.31	16345.92	0.958890617	0.018230931	24451.446	24735.108	Up	0.0166404134645807	Kinesin-1 heavy chain OS=Mus musculus GN=Kif5b PE=1 SV=3
BSDC1	Q80Y55	1	1	744	1098	NA	2481	1500	2111	885	NA	NA	NA	0.958968536	0.018195642	1455.75	1498	Up	0.0412750050239313	BSD domain-containing protein 1 OS=Mus musculus GN=Bsdc1 PE=2 SV=1
BAD	Q61337	3	3	20067.33	16484.67	34905.33	10047.67	16318	18390	13417.67	20923.67	26648.33	19693.33	0.959097308	0.018137328	19564.6	19814.6	Up	0.0183182292098286	Bcl2 antagonist of cell death OS=Mus musculus GN=Bad PE=1 SV=1
NCAM1	P13595	48	48	20095.62	36578.6	25544.15	88146.89	28105.43	53937.13	56819.43	35857.09	36332.15	19256.66	0.959628573	0.017896829	39694.138	40440.492	Up	0.0268745822140389	Neural cell adhesion molecule 1 OS=Mus musculus GN=Ncam1 PE=1 SV=3
CORO1B	Q9WUM3	6	6	23308	24405.5	21271.33	20242.83	26055.17	26072.5	25535.83	21237.83	24204.33	18687.5	0.959768971	0.017833295	23056.566	23147.598	Up	0.0056848376217292 8	Coronin-1B OS=Mus musculus GN=Coro1b PE=1 SV=1
FAM131B	Q3TY60-2	12	12	16763.55	16982.82	13966.36	26259.09	20397.09	21874.27	23151	13720	22995.36	13426	0.959925106	0.01776265	18873.782	19033.326	Up	0.0121441444029064	Isoform 2 of Protein FAM131B OS=Mus musculus GN=Fam131b
SEP15	Q9ERR7	2	2	11158	17264	2681.5	29842	14217.5	19248.5	14386	NA	10665.5	NA	0.960011574	0.017723531	15032.6	14766.667	Down	-0.0257503576159863	15 kDa selenoprotein OS=Mus musculus GN=Sep15 PE=1 SV=3
ADGRL3	Q80TS3-3	20	20	22883	28294	18094.68	29096.26	26008.42	30378.26	29192.74	21207.89	30458	14124.74	0.960216139	0.017630999	24875.272	25072.326	Up	0.0113835425503234	Isoform 3 of Latrophilin-3 OS=Mus musculus GN=Lphn3
TOP1	Q04750	1	1	5397	2843	1617	1619	2811	751	1165	4431	1734	6541	0.96058051	0.017466229	2857.4	2924.4	Up	0.0334376473541736	DNA topoisomerase 1 OS=Mus musculus GN=Top1 PE=1 SV=2
SNX7	Q9CY18	1	1	3318	3535	NA	10714	7483	6802	7812	NA	3842	NA	0.960696178	0.017413937	6262.5	6152	Down	-0.0256831950081066	Sorting nexin-7 OS=Mus musculus GN=Snx7 PE=2 SV=1
FSD1L	Q8BYN5-3	2	2	93213	78382	108280	88259	74781	83469	99469	78382	91482	NA	0.960879949	0.017330869	88583	88200.5	Down	-0.0062430228416496 6	Isoform 3 of FSD1-like protein OS=Mus musculus GN=Fsd1l
BCL11A	Q9QUE3	3	3	23729.67	15341	13123	14475.67	28186.67	23956.67	19034.67	5954.33	28097.33	NA	0.961019842	0.017267646	18971.202	19260.75	Up	0.0218527921658976	B-cell lymphoma/leukemia 11A OS=Mus musculus GN=Bcl11a PE=1 SV=1
NPTXR	Q99JB5	15	15	22621.47	33194.47	10363.13	51326.4	28146.2	46494.07	44069.6	15443	36215.13	6071.93	0.961066336	0.017246635	29130.334	29658.746	Up	0.0259353574651094	Neuronal pentraxin receptor OS=Mus musculus GN=Nptxr PE=1 SV=1
VTA1	Q9CR26	1	1	52996	60347	25483	88686	65383	67282	78819	NA	26784	NA	0.962260648	0.016707274	58579	57628.333	Down	-0.0236052690286078	Vacuolar protein sorting-associated protein VTA1 homolog OS=Mus musculus GN=Vta1 PE=1 SV=1
MTHFD1	Q922D8	2	2	20984	26710.5	2427	43495.5	18226	33955.5	25053.5	14713.5	17305	NA	0.962400097	0.016644342	22368.6	22756.875	Up	0.0248274945109349	C-1-tetrahydrofolate synthase, cytoplasmic OS=Mus musculus GN=Mthfd1 PE=1 SV=4
STX6	Q9JIKK1	1	1	NA	1280	NA	3356	433	2091	1188	NA	NA	NA	0.962535413	0.016583283	1689.6667	1639.5	Down	-0.0434827614752596	Syntaxin-6 OS=Mus musculus GN=Stx6 PE=1 SV=1
NDUFB8	Q9D6J5	1	1	579	778	NA	9041	1820	3334	2569	NA	NA	NA	0.962894249	0.016421407	3054.5	2951.5	Down	-0.0494878986326786	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial OS=Mus musculus GN=Ndufb8 PE=1 SV=1
SSSCA1	P56873	1	1	92757	71913	69917	45980	93684	76921	86452	39774	94108	80024	0.963595506	0.016105234	74850.2	75455.8	Up	0.0116256283128976	Sjoegren syndrome/scleroderma autoantigen 1 homolog OS=Mus musculus GN=Sssca1 PE=2 SV=1
UQCC2	Q9CQY6	6	6	18376.33	17662.5	13002.83	20560	20173.33	21715	16591.17	21037.83	22505.83	8604.17	0.964356969	0.015762177	17954.998	18090.8	Up	0.0108707150228104	Ubiquinol-cytochrome-c reductase complex assembly factor 2 OS=Mus musculus GN=Uqcc2 PE=1 SV=1
PCCA	Q91ZA3	11	11	100586.09	91492.55	106348.82	81711.18	111173	103911.36	105280.45	88648.55	110633.55	84520.55	0.964464375	0.01571381	98262.328	98598.892	Up	0.0049330151141398 1	Propionyl-CoA carboxylase alpha chain, mitochondrial OS=Mus musculus GN=Pcca PE=1 SV=2
BOLA2	Q88G52	3	3	3527.33	3085.67	35938	29258.33	38444.33	35294	36232	14248.33	48644.67	NA	0.964689291	0.015615415	33954.332	33604.75	Down	-0.0149304787505818	BolA-like protein 2 OS=Mus musculus GN=Bola2 PE=1 SV=1
NDUFB7	Q9CR61	12	12	61976.08	63726.67	82086.25	38974.08	59329.42	54602.83	56223.92	45272.25	66933.58	85226.58	0.965370728	0.015305874	61218.5	61651.832	Up	0.0101760695071178	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 OS=Mus musculus GN=Ndufb7 PE=1 SV=3
PMPCA	Q9DC61	5	5	40917.2	54032.6	27949	58990.2	45044	60836.4	58747	35965	53385.6	20112.6	0.965602255	0.015201729	45386.6	45809.32	Up	0.0133747302625354	Mitochondrial-processing peptidase subunit alpha OS=Mus musculus GN=Pmpca PE=1 SV=1
BCAT1	P24288	1	1	4927	5863	3016	25396	7521	13314	7839	6871	10138	NA	0.965624317	0.015191806	9344.6	9540.5	Up	0.0299319671449633	Branched-chain-amino-acid aminotransferase, cytosolic OS=Mus musculus GN=Bcat1 PE=2 SV=2
RRAS2	P62071	2	2	10779.5	16330	8990.5	22836.5	13907.5	19373	17849.5	8042	12379.5	NA	0.965879877	0.015076882	14568.8	14411	Down	-0.015711601011564	Ras-related protein R-Ras2 OS=Mus musculus GN=Rras2 PE=1 SV=1
TPM3	P21107-2	51	51	56273.81	56365.08	35160.42	60227.96	52448.5	59634.33	57089.98	48577.52	70135.65	23030.04	0.966132363	0.01496337	52095.154	51693.504	Down	-0.0111661787910418	Isoform 2 of Tropomyosin alpha-3 chain OS=Mus musculus GN=Tpm3
ANKS1B	Q8BIZ1-4	5	5	44513.2	56330.4	104803.2	44990.4	60234.8	47521.2	70441.8	77199.2	68111.8	50365	0.96621514	0.014926162	62174.4	62727.8	Up	0.0127842849848784	Isoform 4 of Ankyrin repeat and sterile alpha motif domain-containing protein 1B OS=Mus musculus GN=Anks1b
KTN1	Q61595-9	18	18	14967.72	24608.33	14861.83	59670.39	30473.28	45286.5	46108.39	14958.72	31262.72	4418.28	0.966240313	0.01491484	28916.31	28406.922	Down	-0.0256409438337079	Isoform 9 of Kinectin OS=Mus musculus GN=Ktn1
TLN2	Q71LX4	46	46	7019.25	29269.3	17386.22	38844.78	28887.24	33189.67	33883.07	17300.67	26180.31	13311.98	0.966366787	0.014858005	25025.962	24773.125	Down	-0.0164687854081211	Talin-2 OS=Mus musculus GN=Tln2 PE=1 SV=2
KXD1	Q80XH1	1	1	29717	25833	18825	16770	30149	23356	26934	27321	30233	12564	0.966893075	0.01462155	24258.8	24081.6	Down	-0.0105769379774869	KxDL motif-containing protein 1 OS=Mus musculus GN=Kxd1 PE=1 SV=1
PSD3	Q2PFD7-5	15	15	93411.53	94283.4	82602.67	122079.67	82998.47	92056.47	98726.87	99710.73	115080.47	67541.53	0.966955184	0.014593654	95075.148	94623.214	Down	-0.0068741149609656 6	Isoform 5 of PH and SEC7 domain-containing protein 3 OS=Mus musculus GN=Psd3
PPP1R9B	Q6R891	40	40	49234.43	48117.53	35470.1	51822.55	56070.93	52828.8	59114.57	36543.78	65038.4	25454.75	0.967319732	0.014429953	48143.108	47796.06	Down	-0.0104375850425113	Neurabin-2 OS=Mus musculus GN=Ppp1r9b PE=1 SV=1
HNRNPC	Q92204	11	11	155212.27	101642.18	112130.45	48815.36	111848.55	81886	82415.64	166977.27	100176.45	103060.45	0.967435454	0.014378001	105929.76	106903.16	Up	0.0131965404415961	Heterogeneous nuclear ribonucleoproteins C1/C2 OS=Mus musculus GN=Hnrnpc PE=1 SV=1
KTN1	Q61595-6	19	19	14391.95	23745.58	14334.05	58200.84	29429.16	44281.32	44760.58	14171.42	30309.32	4185.74	0.967623394	0.01429364	28020.316	27541.676	Down	-0.0248568710991481	Isoform 6 of Kinectin OS=Mus musculus GN=Ktn1
MESDC2	Q9ERE7	3	3	17889.33	24098.33	17264	42154	2947	31119.67	30479.67	5633.33	30934.67	NA	0.967648907	0.01428219	24870.532	24541.835	Down	-0.0191942444992503	LDLR chaperone MESD OS=Mus musculus GN=Mesdc2 PE=1 SV=1
ARHGAP23	Q69ZH9	7	7	8677.6	9616.8	4757.2	9732.8	9217.6	11299.4	10416	5545.8	13091.6	1146	0.967672338	0.01427673	8400.4	8299.76	Down	0.0173884066462822	Rho GTPase-activating protein 23 OS=Mus musculus GN=Arhgap23 PE=2 SV=2
BMPR2	O35607	1	1	NA	NA	NA	17327	1417	11808	6112	NA	NA	NA	0.967706726	0.014256241	9372	8960	Down	-0.0648582219181691	Bone morphogenetic protein receptor type-2 OS=Mus musculus GN=Bmpr2 PE=1 SV=1
ERC2	Q6PH08-4	7	7	52986.71	42933.57	38531.43	36710.86	53991	50613	57150.43	30306	75109	9448.86	0.967794277	0.01421695	45030.714	44525.458	Down	-0.0162789016840458	Isoform 4 of ERC protein 2 OS=Mus musculus GN=Erc2
PHACTR1	Q2M3X8	12	12	31636.36	33511.64	41352.91	29492.36	32234.91	38278.82	38241.55	22948.18	48883.36	18639.18	0.968169054	0.01404883	33645.636	33398.218	Down	-0.0106482644051452	Phosphatase and actin regulator 1 OS=Mus musculus GN=Phactr1 PE=1 SV=1
ALDH1L1	Q8R0Y6	12	12	21136.67	24117	18984.75	32661.5	24081.08	33189.83	28154.17	16757.58	20365.83	23260.08	0.968944244	0.013701213	24196.2	24345.498	Up	0.0088745211755542	Cytosolic 10-formyltetrahydrofolate dehydrogenase OS=Mus musculus GN=Aldh1l1 PE=1 SV=1
SORBS1	Q62417-3	4	4	18880	26394.67	3112	33896.33	30926.67	31002	26300.33	2910.33	28973.33	NA	0.968974901	0.013687472	22641.934	22296.498	Down	-0.0221800950733907	Isoform 3 of Sorbin and SH3 domain-containing protein 1 OS=Mus musculus GN=Sorbs1
CD47	Q61735	5	5	11927.6	12620.6	7082	4853.4	15979.2	22205.8	31531.8	3610.2	24508.6	2829.6	0.969328922	0.013528829	18292.56	17937.2	Down	-0.0283022880455453	Leukocyte surface antigen CD47 OS=Mus musculus GN=Cd47 PE=1 SV=2
D630045J12RIK	Q68FD9	3	3	25395.67	38920.67	22945.67	47682.33	48427.67	50656.33	53673.33	12749.33	42396.67	21971	0.969474025	0.013463822	36674.402	36289.332	Down	-0.0152279415197403	UPF0606 protein KIAA1549 OS=Mus musculus GN=Kiaa1549 PE=1 SV=3
AMPD3	O08739	1	1	11373	16386	NA	68228	24996	47710	34567	NA	10477	NA	0.969887023	0.013278851	30245.75	30918	Up	0.0317145628692753	AMP deaminase 3 OS=Mus musculus GN=Ampd3 PE=2 SV=2
SLC4A4	O88343-3	2	2	11798.5	18581	11823.5	129846	31790	60822	41785	42068	14551	NA	0.970122697	0.013173334	40767.8	39806.5	Down	-0.0344260775486463	Isoform 3 of Electrogenic sodium bicarbonate cotransporter 1 OS=Mus musculus GN=Slc4a4
NRXN1	Q9CS84-5	2	2	12783.5	19448.5	30653.5	67060	30735	43852	25173	NA	26087	NA	0.970424134	0.013038411	32136.1	31704	Down	-0.0195299834127959	Isoform 5a of Neurexin-1 OS=Mus musculus GN=Nrxn1
TNIK	P83510-2	13	13	24011.78	27443.44	37859.11	32679	29816.22	29643.22	30637.56	28254.78	30206.67	33547.67	0.970913975	0.012819248	30361.91	30457.98	Up	0.0045577138613961 3	Isoform 2 of Traf2 and NCK-interacting protein kinase OS=Mus musculus GN=Tnik
OLFM1	O88998-4	4	4	29639.5	31816.25	28541.5	22761.5	24224.25	27821.25	25169.5	39311.25	30311.75	13511.75	0.971021	0.012771378	27396.6	27225.1	Down	-0.009059513437461	Isoform 4 of Noelin OS=Mus musculus GN=Olfm1
GSTO1	O09131	6	6	42614.5	49229.83	66072.33	30684.67	45399.17	39259.83	47076.33	74389.33	46631.83	28415.67	0.971271127	0.012659521	46800.1	47154.598	Up	0.0108868410935241	Glutathione S-transferase omega-1 OS=Mus musculus GN=Gsto1 PE=2 SV=2
UBE2V2	Q9D2M8	24	24	32446.36	32490.64	29106.55	17365.05	29832.05	28061.5	28266.14	25982.86	34089.59	24234.68	0.971469502	0.012570829	28248.13	28126.954	Down	-0.0060202040728090 89	Ubiquitin-conjugating enzyme E2 variant 2 OS=Mus musculus GN=Ube2v2 PE=2 SV=4
SNAP25	P60879	87	87	36396.98	49148.94	22503.58	96112.25	76279.37	81237.36	87739.48	24809.66	76627.34	13792.82	0.971595723	0.012514406	56088.224	56841.332	Up	0.0159242460921468	Synaptosomal-associated protein 25 OS=Mus musculus GN=Snap25 PE=1 SV=1
RTN4	Q99P72-3	23	23	23092.52	38744.09	25314.7	77009.04	38318.04	52655.39	53726.3	24641.83	39342.43	34169.26	0.971714435	0.012461346	40495.678	40907.042	Up	0.0145812782367088	Isoform 2 of Reticulon-4 OS=Mus musculus GN=Rtn4
ATP5F1	Q9CQQ7	12	12	42541.92	62688.08	42905.67	121011.83	62134.25	88575.92	89099.17	35395.75	62976	52002.5	0.971962808	0.012350353	66256.35	65609.868	Down	-0.0114459103324 3	ATP synthase F(0) complex subunit B1, mitochondrial OS=Mus musculus GN=Atp5f1 PE=1 SV=1
RAB2A	P53994	1	1	1673	5292	4427	6005	5166	5751	4770	NA	2892	NA	0.972005019	0.012331492	4512.6	4471	Down	-0.0133613568462477	Ras-related protein Rab-2A OS=Mus musculus GN=Rab2a PE=1 SV=1
SLC12A5	Q91V14	7	7	14008.17	17734.83	17845.67	45517.17	14078.67	29983.33	22759.17	23751.17	17814.17	13688.17	0.972463242	0.012126806	21836.902	21599.202	Down	-0.015790183877202	Solute carr

TJP2	Q9Z0U1	9	9	14790.5	12718.5	7480.83	12723.33	14735	17407.67	14847.67	8602.5	21415.33	811.33	0.974887545	0.011045478	12489.632	12616.9	Up	0.014626511153168 2	Tight junction protein ZO-2 OS=Mus musculus GN=Tjp2 PE=1 SV=2
PHPT1	Q9DAK9	12	12	31116.18	35574.73	22893.73	34076.36	29080.91	35697.27	31372.45	31486.18	33582.36	20033.73	0.974927738	0.011027573	30548.382	30434.398	Down	-0.005393140261623 15	14 kDa phosphohistidine phosphatase OS=Mus musculus GN=Phpt1 PE=2 SV=1
FAM49B	Q921M7	4	4	11444.75	21571.25	17783	45870	23496.75	30286.5	41502.75	16649.25	18801.75	11660.5	0.975354418	0.010837545	24033.15	23780.15	Down	-0.015267938083038	Protein FAM49B OS=Mus musculus GN=Fam49b PE=2 SV=1
NPTN	P97300-3	10	10	97457.8	149953.8	77078.1	281917.5	153139.5	224796.4	243235.9	95068	128593.7	59838.4	0.975543068	0.010753553	151909.34	150306.48	Down	-0.015303367348017 4	Isoform 3 of Neuroplastin OS=Mus musculus GN=Nptn
STMN1	P54227	16	16	166570.32	161648.94	209123.25	126123.69	146474.62	140170.75	141720	215676	193503	122425	0.975583301	0.010735642	161988.12	162698.95	Up	0.006316893192221 1	Stathmin OS=Mus musculus GN=Stmn1 PE=1 SV=2
CADPS	Q80TJ1-4	7	7	17190.17	16912.5	24013.5	39920.33	25419.33	30927.67	35151.5	9248.67	33551.5	13504.33	0.975861708	0.010611723	24691.166	24476.734	Down	-0.012583899023419 3	Isoform 4 of Calcium-dependent secretion activator 1 OS=Mus musculus GN=Cadps
MRPL24	Q9CQ06	10	10	30815.1	33089	36560.1	22688	25739.4	25175.8	28936.7	30243.6	38755.4	26307	0.97644395	0.010352681	29778.32	29883.7	Up	0.005096420185210 42	39S ribosomal protein L24, mitochondrial OS=Mus musculus GN=Mrpl24 PE=2 SV=1
CHCHD2	Q9D1L0	4	4	15330.75	15818.25	8886	18610.25	14770.5	17886.5	11577.5	22370	16091.25	5984	0.976487257	0.01033342	14683.15	14781.85	Up	0.009665333998161 05	Coiled-coil-helix-coiled-coil-helix domain-containing protein 2, mitochondrial OS=Mus musculus GN=Chchd2 PE=2 SV=1
DMD	P11531	3	3	9602.33	11804.33	7034	25369.33	12271.33	18454.33	14994	14833	13475	4919	0.976512523	0.010322183	13216.264	13335.066	Up	0.012910554768171 7	Dystrophin OS=Mus musculus GN=Dmd PE=1 SV=3
MRPL33	Q9CQP0	1	1	328563	311916	299526	222987	313152	282183	339124	350140	392983	119605	0.976563654	0.010299494	295228.8	296807	Up	0.007691652115348 13	39S ribosomal protein L33, mitochondrial OS=Mus musculus GN=Mrpl33 PE=2 SV=1
AP2A2	P17427	6	6	20636.17	36252.83	19337	79199	42971.33	56476.67	59265.33	19785	36246.33	28633.5	0.976757294	0.010213337	39679.266	40081.366	Up	0.014546338863168	AP-2 complex subunit alpha-2 OS=Mus musculus GN=Ap2a2 PE=1 SV=2
SPARC11	P70663	5	5	16992.8	30098.8	14848.2	53252	21724.8	39973.8	28904.4	14654.6	24953.6	NA	0.976912484	0.010144341	27383.32	27121.6	Down	-0.013855081270076 6	SPARC-like protein 1 OS=Mus musculus GN=Sparc11 PE=2 SV=3
RPS8	P62242	25	25	131629.24	130774.16	131764.72	99477.56	128360.44	115705.72	131058.6	113640.44	172766.44	91089.84	0.976968856	0.01011928	124401.22	124852.21	Up	0.005220655501842 46	40S ribosomal protein S8 OS=Mus musculus GN=Rps8 PE=1 SV=2
SOD1	P08228	5	5	82823.2	76914.6	72178.2	60046.6	79851.8	88881.8	69450	57889.6	92482.2	64298.4	0.97697473	0.01011667	74362.88	74600.4	Up	0.00460072061398733	Superoxide dismutase [Cu-Zn] OS=Mus musculus GN=Sod1 PE=1 SV=2
PLEC	Q9QXS1-11	86	86	7447.78	13038.59	6812.55	36149.15	17546.94	26064.76	22839.15	10995.39	13175.64	7015.16	0.978451331	0.009460771	16199.002	16018.02	Down	-0.016209107129725 4	Isoform PLEC-1E,2A of Plectin OS=Mus musculus GN=Plec
CLINT1	Q99KN9	1	1	3839	5021	NA	37410	6235	17471	13104	NA	8063	NA	0.978479653	0.009448201	13126.25	12879.333	Down	-0.027396897904903	Clathrin interactor 1 OS=Mus musculus GN=Clint1 PE=1 SV=2
CAMKV	Q3UHL1	39	39	9111.09	17026.94	5333.48	43131.24	15994.64	26392.88	27039.91	6039.18	13918.91	NA	0.978969234	0.009230956	18119.478	18347.72	Up	0.018059402386454 6	CaM kinase-like vesicle-associated protein OS=Mus musculus GN=Camkv PE=1 SV=2
RPS19	Q9CZX8	15	15	132199.4	146146.47	128311.47	136509.07	131054.53	124282.6	145821.4	162256.53	174915.27	64194.33	0.979011821	0.009212064	134844.19	134294.03	Down	-0.005898211798555 4	40S ribosomal protein S19 OS=Mus musculus GN=Rps19 PE=1 SV=3
SAFB	D3YXK2	2	2	39832.5	22818	78872.5	18530.5	27216	20571	27641.5	35755.5	46313.5	55264	0.979016131	0.009210153	37453.9	37109.1	Down	-0.013342939417556 4	Scaffold attachment factor B1 OS=Mus musculus GN=Safb PE=1 SV=2
RAP1B	Q99JI6	3	3	56246	83586.67	90086	68836.33	56726.67	81337.33	77120.67	69022	57399.33	71690.67	0.979125637	0.009161578	71096.334	71314	Up	0.004410156124007 91	Ras-related protein Rap-1b OS=Mus musculus GN=Rap1b PE=2 SV=2
DDX17	Q501J6-2	3	3	14660.33	10815	1330	23954	17906.33	18640	12018.67	2211.33	22695.33	NA	0.979262215	0.009101003	13733.132	13891.333	Up	0.016524307428427	Isoform 2 of Probable ATP-dependent RNA helicase DDX17 OS=Mus musculus GN=Ddx17
IGLON5	Q8HW98	3	3	3885	4532.33	2181.33	9797.33	4956.67	6557	7208.33	1754.33	4951	NA	0.979403659	0.009038278	5070.532	5117.665	Up	0.013348589641874	IgLON family member 5 OS=Mus musculus GN=Iglon5 PE=2 SV=2
TBC1D10B	Q8BHL3	3	3	32022	53295.67	48137	118065.33	63781.67	69922	81085.67	48563.67	54036.33	63775.33	0.979917742	0.008810379	63060.334	63476.6	Up	0.009492043805471 82	TBC1 domain family member 10B OS=Mus musculus GN=Tbc1d10b PE=1 SV=2
POLDIP3	Q8BGB1	2	2	14449.5	16591.5	11419.5	12698.5	16310	14391	16433.5	16476	15388	9001.5	0.980112895	0.008723897	14293.8	14338	Up	0.004454290087414 71	Polymerase delta-interacting protein 3 OS=Mus musculus GN=Poldip3 PE=1 SV=1
FSCN1	Q61553	50	50	86012.14	93184.22	80362.82	102865.45	95649.22	100996	105302.14	88660.82	101177.65	60777.92	0.98037631	0.008607192	91614.77	91382.906	Down	-0.003655884911915 01	Fascin OS=Mus musculus GN=Fscn1 PE=1 SV=4
NFASC	Q810U3	29	29	21452.41	31137.03	24308.9	58936.55	33031.76	46346.59	44651.9	30297.45	33153.59	15511	0.980510281	0.008547848	33773.33	33992.106	Up	0.009315131369003689	Neurofascin OS=Mus musculus GN=Nfasc PE=1 SV=1
RAP1GAP2	Q55VL6-2	2	2	84425.5	92855.5	26188.5	61805	81153	89267	86133.5	14933.5	89017.5	NA	0.98074582	0.008443534	69285.5	69837.875	Up	0.011456203686165 75	Isoform 2 of Rap1 GTPase-activating protein 2 OS=Mus musculus GN=Rap1gap2
PMPCB	Q9CXT8	7	7	14917.43	20603.57	13199	26446.29	15796	16539	23975.14	8725.71	19401.29	12699.86	0.980904357	0.008329336	18192.058	18092.25	Down	-0.007931464280307 7	Mitochondrial-processing peptidase subunit beta OS=Mus musculus GN=Pmpcb PE=2 SV=1
MYH10	Q61879	76	76	14927.01	26705.46	16929.81	61605.42	31665.81	42877.25	46004.25	16718.25	35331.76	9546.61	0.981092118	0.008290213	30366.702	30095.624	Down	-0.012936502202003	Myosin-10 OS=Mus musculus GN=Myh10 PE=1 SV=2
WDR48	Q8BH57	2	2	57751.5	72550	47508	100613.5	72998	97714.5	80367	34580.5	88085.5	48931	0.982097357	0.007845458	70284.2	69935.7	Down	-0.007171311019287 53	WD repeat-containing protein 48 OS=Mus musculus GN=Wdr48 PE=1 SV=1
EPB41L2	O70318	15	15	70364.69	84231.54	52414.23	112264.23	94192.38	110739.54	88886.69	80629.31	74644.23	60082.62	0.982260043	0.007773522	82693.414	82996.478	Up	0.005277683655584 65	Band 4.1-like protein 2 OS=Mus musculus GN=Epb41l2 PE=1 SV=2
TAOK2	Q6ZQ29-2	4	4	15124.5	17293.75	16132.75	12075.75	14713.25	17114	16337.5	969	25366	NA	0.982638593	0.007606183	15068	14946.625	Down	-0.011668182767234	Isoform 2 of Serine/threonine-protein kinase TAO2 OS=Mus musculus GN=Taok2
NDUFA3	Q9CQ91	1	1	6082	6313	NA	10082	5365	8827	7752	NA	4420	NA	0.982647265	0.00760235	6960.5	6999.6667	Up	0.008095276421457 3	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3 OS=Mus musculus GN=Ndufa3 PE=1 SV=1
VPS4A	Q8VEJ9	4	4	29159.5	33239.25	35554.75	28334.75	39547.25	35564.75	36101.25	23439.25	49865.25	20253.25	0.983552665	0.00720238	33167.1	33044.75	Down	-0.005331792995784 5	Vacuolar protein sorting-associated protein 4A OS=Mus musculus GN=Vps4a PE=1 SV=1
CD44	P15379-11	1	1	4804	6257	14767	29464	5487	41668	5757	79704	76246.1903	NA	0.983573173	0.007192884	6407.7	6359.75	Down	-0.010693619106903	Isoform 9 of CD44 antigen OS=Mus musculus GN=Cd44
ERC2	Q6PH08-3	20	20	37634.05	34676.45	24538.25	46037.05	41197.5	46948.4	45289.6	27649.6	49589.6	13793.15	0.984008519	0.007001142	36816.66	36654.07	Down	-0.006383530518278 31	Isoform 3 of ERC protein 2 OS=Mus musculus GN=Erc2
NCAM3	P13595-3	34	34	20088.42	34569.3	26158.55	97402.45	28710.88	58669.45	52548.85	42571.94	34610.64	20087.48	0.984866906	0.006622456	41385.92	41697.672	Up	0.010826811031945	Isoform 3 of Neural cell adhesion molecule 1 OS=Mus musculus GN=Ncam1
RLBP1	Q9Z275	1	1	3721	1881	NA	10956	5406	7567	4906	NA	4133	NA	0.984924153	0.006597213	5491	5535.3333	Up	0.011601286278674	Retinaldehyde-binding protein 1 OS=Mus musculus GN=Rlbp1 PE=2 SV=3
RAP1GAP2	Q55VL6	3	3	57117.67	62953.67	17459	42101	54790.33	60421.33	58345.67	9955.67	59927.33	NA	0.985705109	0.006252992	46884.334	47162.5	Up	0.008534256006869 52	Rap1 GTPase-activating protein 2 OS=Mus musculus GN=Rap1gap2 PE=2 SV=1
NPTN	P97300-4	5	5	63150	105624.8	58238.4	176318.4	109517.6	145961.6	157521	19353.6	84682.2	NA	0.986243418	0.006015882	102569.84	101879.6	Down	-0.009741377703426	Isoform 4 of Neuroplastin OS=Mus musculus GN=Nptn
DCLK1	Q9JLM8	72	72	40177.23	54521.66	36077.59	67522.52	55762.03	55448.66	73308.59	38588.19	52132.53	33786.02	0.986303138	0.005989585	50812.206	50652.798	Down	-0.004533135738524 75	Serine/threonine-protein kinase DCLK1 OS=Mus musculus GN=Dclk1 PE=1 SV=1
KTN1	Q61595-7	16	16	21136.31	31622.25	23492.5	70082.12	38715.81	54826.31	55684.12	23115.38	39316.69	11017.25	0.986468574	0.005916746	37009.798	36791.85	Down	-0.008517119199026 75	Isoform 7 of Kinectin OS=Mus musculus GN=Ktn1
CADM3	Q99N28	14	14	16091.86	36338.71	14585.57	128749.21	38729.43	77542.43	74844.93	25824.07	29275.71	29095.29	0.986739957	0.005797285	46898.956	47316.486	Up	0.012787126846592 7	Cell adhesion molecule 3 OS=Mus musculus GN=Cadm3 PE=1 SV=1
DCLK1	Q9JLM8-2	46	46	40373.41	53280.65	37816.91	62744.67	53601.52	50954.15	68788.7	39192.54	50847.74	38646.24	0.986792197	0.005774293	49563.432	49685.874	Up	0.003559653219407 48	Isoform 2 of Serine/threonine-protein kinase DCLK1 OS=Mus musculus GN=Dclk1
KTN1	Q61595-11	17	17	20129.94	30245.41	22394.94	67827.24	37064	53141.71	53614.47	21755.65	37777.35	10369.18	0.987219753	0.005586164	35532.306	35331.672	Down	-0.008169297248827 56	Isoform 11 of Kinectin OS=Mus musculus GN=Ktn1
EPS8	Q08509	13	13	7905.57	12904.71	2639.14	13083.43	10887.86	13508.14	11314.43	1620.43	11275.57	NA	0.987348616	0.005529478	9484.142	9429.6425	Down	-0.008314187569342 83	Epidermal growth factor receptor kinase substrate 8 OS=Mus musculus GN=Eps8 PE=1 SV=2
GAD2	P48320	4	4	11214	13693.5	10851	36320.25	15549.75	26526.5	22915.5	11567.5	8696.25	NA	0.988127597	0.005186971	17525.7	17426.438	Down	-0.008194402021364 96	Glutamate decarboxylase 2 OS=Mus musculus GN=Gad2 PE=2 SV=1
SNRPE	P62305	1	1	32630	20608	37769	10025	25907	13421	22060	39350	23928	27689	0.988156523	0.005174258	25387.8	25289.6	Down	-0.005591164121926 44	Small nuclear ribonucleoprotein E OS=Mus musculus GN=Snrpe PE=2 SV=1
PTPR5	B0V2N1-4	20	20	28790.22	31391.56	31973.61	22857.89	31962.33	33930.5	35880.61	30676.17	35801.06	11062.33	0.988621699	0.004969862	29395.122	29470.134	Up	0.003676854781172 48	Isoform 4 of Receptor-type tyrosine-protein phosphatase 5 OS=Mus musculus GN=Ptprs
ATP1B3	P97370	1	1	NA	32653	10489	285471	46872	136329	138621	NA	39779	NA	0.988621752	0.004969838	103871.25	104909.67	Up	0.014351224748037	Sodium/potassium-transporting ATPase subunit beta-3 OS=Mus musculus GN=Atp1b3 PE=1 SV=1
RPS13	P62301	5	5	27561.6	45778.8	33055	76702.8	29624.6	47273.4	37041.2	22209.8	55941	49459.8	0.988683074	0.004942901	42544.56	42385.04	Down	-0.005419523547881 06	40S ribosomal protein S13 OS=Mus musculus GN=Rps13 PE=1 SV=2
KCTD12	Q6WVG3	2	2	6723	4353	9883.5	17070.5	6657	8296.5	3462	NA	14874	NA	0.988747992	0.004914385	8937.4	8877.5	Down	-0.009701739399421 13	BTB/POZ domain-containing protein KCTD12 OS=Mus musculus GN=Kctd12 PE=1 SV=1
ERC2	Q6PH08-2	14	14	38182.07	37436	26059.79	50298.93	43574.07	45853.71	46612	32342.64	56354.71	14980.07	0.988929261	0.004834773	39110.172	39228.626	Up	0.004362924450664 15	Isoform 2 of ERC protein 2 OS=Mus musculus GN=Erc2
SYNE1	Q6ZWR6	2	2	904.5	3354.5	NA	7074	4092.5	4769	4763	NA	1968.5	NA	0.988987095	0.004809376	3856.375	3833.5	Down	-0.008583168491646 87	Nesprin-1 OS=Mus musculus GN=Syne1 PE=1 SV=2
MRPL47	Q8K2Y7	2	2	19780.5	23892.5	33810.5	12977.5	24554	21630	24342	18063.5	39169.5	11404	0.989054807	0.004779642	23003	22921.8	Down	-0.005101686208560 1	39S ribosomal protein L47, mitochondrial OS=Mus musculus GN=Mrpl47 PE=2 SV=2
OXSR1	Q6P9R2	2	2	42539.5	66378.5	42519.5	64967.5	70640.5	78878.5	73415.5	47645.5	72995.5	13140.5	0.989193435	0.004718774	57409.1	57215.1	Down	-0.004883490662104 68	Serine/threonine-protein kinase OSR1 OS=Mus musculus GN=Oxsr1 PE=1 SV=1
MRPL23	Q35972	2	2	11802.5	10571	4957	16180.5	7956	9853	10550.5	5292	13631.5	11980.5	0.989517436	0.004576549	10293.4	10261.5	Down	-0.004477959784448	39S ribosomal protein L23, mitochondrial OS=Mus musculus GN=Mrpl23 PE=2 SV=1
DLG1	P70175	36	36	37222.03	41760.06	32431.12	47551.91	39738.38	42515.62	43630.03	35941.78	47432.09	28909.31	0.989696551	0.004497943	39740.7	39685.766	Down	-0.001995632589602 36	Disks large homolog 1 OS=Mus musculus GN=Dlg1 PE=1 SV=1
MIA3	Q8BIB4-2	5	5	1889.8	2912.2	1482.2	7730.8	4942.2	6464.4	6570.2	871.4	1362.2	NA	0.989913297	0.004402842	3791.44	3817.05	Up	0.009712192441267 62	Isoform 2 of Melanoma inhibitory activity protein 3 OS=Mus musculus GN=Mia3
ATP1A2	Q8PIE5	128	128	27926.49	71716.52	34080.5	133245.4	71693.27	97373.51	112854.15	46031.37	49631.1	34274.51	0.990472049	0.004157776	67732.436	68032.928	Up	0.006386297850346 1	Sodium/potassium-transporting ATPase subunit alpha-2 OS=Mus musculus GN=Atp1a2 PE=1 SV=1
TOMM34	Q9CYG7	5	5	7528.4	10368.8	5276.8	9404	12045.2	11097.6	9996.4	2753.2	11968.6	NA	0.990780476	0.00402256	8924.64	8953.95	Up	0.004730286843719 95	Mitochondrial import receptor subunit TOM34 OS=Mus musculus GN=Tomm34 PE=2 SV=1
RGS10	Q9CQE5	2	2	5324	5939	1639	11947.5	7117	8193	6269	NA	4651	NA	0.991265626	0.003809954	6393.3	6371	Down	-0.005040955188657 249	Regulator of G-protein signaling 10 OS=Mus musculus GN=Rgs10 PE=2 SV=1
NDUFV1	Q91YT0	19	19	62550.89	67568.26	54967.63	68186.74	62966.68	69478.42	69855.68	71580.47	63522.26	42133.32	0.991557191	0.003682232	63248.04	63314.03	Up	0.001504454476082 467	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial OS=Mus musculus GN=Ndufv1 PE=1 SV=1
MINK1	Q9JM52-2	8	8	15932.12	17469.12	18806.25	18417.12	18589.75	22127.38	22723.25	12486.62	22919.75	9123.5	0.99162195	0.003653869	17842.872	17876.1	Up	0.002684169334265 17	Isoform 1 of Misshapen-like kinase 1 OS=Mus musculus GN=Mink1
NCDN	Q9ZQE0	7	7	19567.86	61719.43	22486.71	123418.29	49037.71	94617.29	101505.86	29551.71	40672.71	11265.29	0.991789048	0.003580692	55246	55522.572	Up	0.007204387839189 09	Neurochondrin OS=Mus musculus GN=Ncdn PE=1 SV=1
DAAM2	Q80U19	1	1	NA	NA	NA	8655	4807	7947	5568	NA	NA	NA	0.991895584	0.003532292	6731	6757.5	Up	0.005668750086692 08	Disheveled-associated activator of morphogenesis 2 OS=Mus musculus GN=Daam2 PE=2 SV=4
SRPK2	O54781	2	2	1715.5	3136	NA	11147.5	3581	5787.5	6032	NA	2934.5	NA	0.992621016	0.003216534	4895	4918	Up	0.006762875105024 99	SRSF protein kinase 2 OS=Mus musculus GN=Srpk2 PE=1 SV=2
NDUFB4	Q9CQC7	14	14	60037.07	50420.64	65776.43	56705.29	49028.57	49955.64	42469.71	56588.79	59184.14	73487.07	0.992796976	0.003139554	56393.6	56337.07	Down	-0.001446909883381 015	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4 OS=Mus musculus GN=Ndufb4 PE=1 SV=3
RPS11	P62281	10	10	165766.1	167050.8	212509.1	161289.1	143809.9	141416.7	145169.3	139629.8	216452.7	208673.3	0.993196422	0.002964854	170085	170268.36	Up	0.001554458509174 5	40S ribosomal protein S11 OS=Mus musculus GN=Rps11 PE=1 SV=3
PTPR5	B0V2N1-6	21	21	27574.11	30213.37	30479.68	22150.11	30718.47	32655.79	34449.53	29287.11	34478.42	10480.11	0.993230337	0.002950024	28227.148	28270.192	Up	0.002198311543706 35	Isoform 6 of Receptor-type tyrosine-protein phosphatase 5 OS=Mus musculus GN=Ptprs
CUL3	Q9JLV5	4	4	20710.75	26968.25	17460.75	33391.25	28965	33385.25	37096	8205.5	23558.75	NA	0.993376837	0.002885971	25499.2	25561.375	Up	0.003513458611265 881	Cullin-3 OS=Mus musculus GN=Cul3 PE=1 SV=1
PSMC4	P54775	9	9	26142.89	28519.22	17453.11	18059.56	23972.22	23773.78	32194	20862.67	25603.11	11872.22	0.993855625	0.0026767	22829.4	22861.156	Up	0.002005413595554 89	26S proteasome regulatory subunit 6B OS=Mus musculus GN=Psmc4 PE=1 SV=2
PSMD6	Q99JB4	1	1	8112	19439	NA	44759	26369	26723	31755	NA	15743	NA	0.994077591	0.002579716	24669.75	24740.333	Up	0.004121842642922 85	26S proteasome non-ATPase regulatory subunit 6 OS=Mus musculus GN=Psmd6 PE=1 SV=1
RASGRF2	P70392	1	1	144740	122440	104033	62572	120745	103938	117076	53280	170177	NA	0.994192823	0.002529376	110906	111117.75	Up	0.002751874675862 75	Ras-specific guanine nucleotide-releasing factor 2 OS=Mus musculus GN=Rasgrf2 PE=1 SV=2
TTC1	Q91Z38	5	5	36988.6	29111.4	40592.2	20923.8	36754.8	29886	32606.4	23890.8	38897.6	38921.8	0.994269152	0.002496035	32874.16	32840.52	Down	-0.001477060085047 29	Tetratricopeptide repeat protein 1 OS=Mus musculus GN=Ttc1 PE=2 SV=1
ACSL1	P41216	1	1	11135	24865	20855	47299	23853	36226	43503	5753	17214	NA	0.994720871	0.00229877	25601.4	25674	Up	0.004085379342143 57	Long-chain-fatty-acid--CoA ligase 1 OS=Mus musculus GN=Acsl1 PE=1 SV=2
GNB4	P29387	11	11	61431	66423.73	51558.73	64761.27	52748.64	72961.82	59261.09	72538	67617.82	24212.91	0.994768507	0.002277972	59384.674	59318.328	Down	-0.001612714986771 01	Guanine nucleotide-binding protein subunit beta-4 OS=Mus musculus GN=Gnb4 PE=2 SV=4
FOXO3	Q9WVH4	1	1	5348	4594	2277	3913	7462	5862	4312	3794	4933	NA	0.994871007	0.002233225	4718.8	4725.25	Up	0.001970634037473	Forkhead box protein O3 OS=Mus musculus GN=Foxo3 PE=1 SV=1
ARHGEF12	Q8R4H2	2	2	2248	3488	1114	8617.5	3943.5	5244.5	2542	3374	4405.5	NA	0.994976309	0.00218726	3882.2	3891.5	Up	0.003451913575586 296	Rho guanine nucleotide exchange factor 12 OS=Mus musculus GN=Arhgef12 PE=1 SV=2
PMCH	P56942	1	1	34105	49939	20096	126972	70202	78492	85575	26685	52332	58902	0.995173267	0.002101299	60262.8	60397.2	Up	0.003213961440182 9	Pro-MCH OS=Mus musculus GN=Pmch PE=1 SV=2
CYB5B	Q9CQX2	5	5	11136.8	18310.8	4009.8	37756.2	15169	25228.6	26688.6	8919.4	8452.8	NA	0.995321577	0.002036581	17276.52	17322.35	Up	0.003822018025212 107	Cytochrome b5 type B OS=Mus musculus GN=Cyb5b PE=1 SV=1
GEMIN5	Q8BX17	1	1	NA	1366	NA	8889	1600	4921	2949	NA	NA	NA	0.995454924	0.001978401	3951.6667	3935	Down	-0.006097621253365 31	Gem-associated protein 5 OS=Mus musculus GN=Gemin5 PE=2 SV=2
ROCK2	P70336	13	13	12312.54	15996.46	7940	37647.54	21812.85	32221.23	28085.46	12066.23	20360.31	3179.23	0.995743358	0.001852582	19141.878	19182.492	Up	0.003057774378304 2	Rho-associated protein kinase 2 OS=Mus musculus GN=Rock2 PE=1 SV=1
DPP3	Q99KK7	5	5	5018	7172	505.25	13263	7742.75	10966.5	8853.5	1730	10918.25	1315.25	0.995745389	0.001851696	6740.2	6756.7	Up	0.003527399630045 19	Dipeptidyl peptidase 3 OS=Mus musculus GN=Dpp3 PE=2 SV=2
GLOD4	Q9CPV4-2	6	6	81178.83	84376.5	98280.5	57727	73242	66579.17	70469	76937	70248.33	110838.5	0.99607567	0.001707668	78960.966	79014.4	Up	0.009759619073106 76	Isoform 2 of Glyoxalase domain-containing protein 4 OS=Mus musculus GN=Glod4
GSTP1	P19157	6	6	37440.4	29412.4	56336.2	39096.6	31883.2	37345.8	32931.6	34124.4	44577.4	45058.2	0.996248636	0.00163226	38833.76	38807.48	Down	-0.000976646615187786	Glutathione S-transferase P 1 OS=Mus musculus GN=Gstp1 PE=1 SV=2
RALB	Q9JIW9	3	3	13541	19514	5476.5	17759.5	13408	16016	14395.5	16533	8758.5	NA	0.996409176	0.001562282	13939.8	13925.75	Down	-0.001454833444322 12	Ras-related protein Ral-B OS=Mus musculus GN=Ralb PE=2 SV=1
TKFC	Q8VC30	2	2	15692	24269.5	17488.5	11936	12327.5	16781	20481	7809.5	20367.5	NA	0.996496934	0.001524033	16342.7	16359.75	Up	0.001504349226185 1	Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase (cyclizing) OS=Mus musculus GN=Dak PE=2 SV=1
BCAS3	Q8CCN5-2	3	3	10193.33	11026.33	8578.67	13201	16882	14093	14823	1036.33	13825	16033.33	0.996519811	0.001514063	11976.266	11962.132	Down	-0.001703627279180 384	Isoform 2 of Breast carcinoma-amplified sequence 3 homolog OS=Mus musculus GN=Bcas3
NACAD	Q5SWP3	5	5	15493.6	19552.6	23636.8	10692	17425.8	14605	16650.4	8942.4	29160.8	NA	0.996756169	0.001411068	17360.16	17339.65	Down	-0.001705466325866 32	NAC-alpha domain-containing protein 1 OS=Mus musculus GN=Nacad PE=2 SV=1
PAG1	Q3U1F9	1	1	5495	4512	8028	12167	7167	9854	4747	NA	7844	NA	0.997002542	0.001303734	7473.8	7481.6667	Up	0.001517732918402